

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132952.D
 Acq On : 20 Apr 2023 23:09
 Operator : CG\JU
 Sample : 02386-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-1WC-23-04MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/21/2023
 Supervised By : Jagrut Upadhyay 04/21/2023

Quant Time: Apr 21 02:18:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	338349	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1422402	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	708115	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	1225488	20.000	ng	0.00
76) Chrysene-d12	13.922	240	757512	20.000	ng	0.00
86) Perylene-d12	15.345	264	687974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2845657	131.511	ng	0.03
7) Phenol-d6	6.398	99	3506102	126.982	ng	0.00
23) Nitrobenzene-d5	7.328	82	2425992	88.902	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	1038481	146.215	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	3801283	82.467	ng	0.00
79) Terphenyl-d14	12.875	244	4275398	96.291	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	454372	43.034	ng	98
3) Pyridine	3.357	79	986326	34.156	ng	97
4) n-Nitrosodimethylamine	3.281	42	682156	49.717	ng	100
6) Aniline	6.422	93	845894	23.101	ng	98
8) 2-Chlorophenol	6.546	128	1141690	52.009	ng	100
9) Benzaldehyde	6.304	77	518849	31.759	ng	95
10) Phenol	6.410	94	1343843	43.286	ng	95
11) bis(2-Chloroethyl)ether	6.498	93	1190731	50.785	ng	99
12) 1,3-Dichlorobenzene	6.698	146	1182345	49.003	ng	98
13) 1,4-Dichlorobenzene	6.775	146	1270131	52.536	ng	98
14) 1,2-Dichlorobenzene	6.928	146	1231093	54.537	ng	99
15) Benzyl Alcohol	6.904	79	1070770	56.586	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.040	45	2080820	51.290	ng	100
17) 2-Methylphenol	7.022	107	969904	48.239	ng	100
18) Hexachloroethane	7.275	117	418218	49.844	ng	95
19) n-Nitroso-di-n-propyla...	7.187	70	870984	50.537	ng	97
20) 3+4-Methylphenols	7.175	107	1131033	47.594	ng	93
22) Acetophenone	7.175	105	1600170	47.955	ng	# 95
24) Nitrobenzene	7.345	77	1269507	45.388	ng	99
25) Isophorone	7.587	82	2430883	46.963	ng	99
26) 2-Nitrophenol	7.663	139	638259	60.490	ng	97
27) 2,4-Dimethylphenol	7.704	122	1117265	51.908	ng	97
28) bis(2-Chloroethoxy)met...	7.798	93	1420075	45.886	ng	96
29) 2,4-Dichlorophenol	7.904	162	966344	48.235	ng	97
30) 1,2,4-Trichlorobenzene	7.987	180	1013382	46.847	ng	100
31) Naphthalene	8.069	128	3400725	47.312	ng	100
32) Benzoic acid	7.828	122	561653	52.036	ng	# 83
33) 4-Chloroaniline	8.110	127	451783	15.346	ng	98
34) Hexachlorobutadiene	8.187	225	540956	43.713	ng	99
35) Caprolactam	8.510	113	335637m	56.257	ng	
36) 4-Chloro-3-methylphenol	8.598	107	1062410	50.524	ng	98
37) 2-Methylnaphthalene	8.763	142	2188120	44.227	ng	99
38) 1-Methylnaphthalene	8.857	142	2056053	44.601	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	900511	44.961	ng	99
41) Hexachlorocyclopentadiene	8.916	237	1063087	100.702	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	658163	51.839	ng	99

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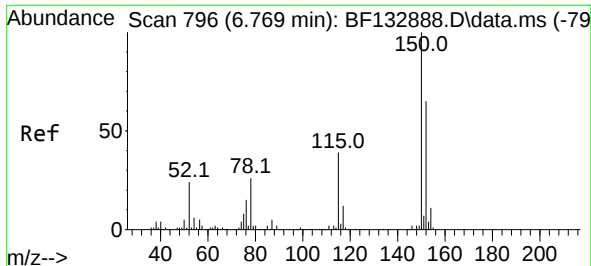
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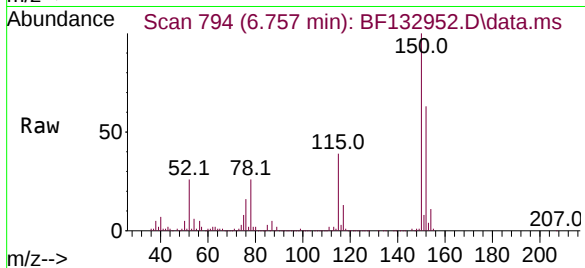
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	694292	46.765	ng	99
46) 1,1'-Biphenyl	9.228	154	2564753	45.689	ng	99
47) 2-Chloronaphthalene	9.251	162	1966503	47.339	ng	99
48) 2-Nitroaniline	9.339	65	710162	59.094	ng	97
49) Acenaphthylene	9.663	152	3010043	45.431	ng	99
50) Dimethylphthalate	9.534	163	2322444	47.439	ng	100
51) 2,6-Dinitrotoluene	9.586	165	549737	51.216	ng	97
52) Acenaphthene	9.839	154	2094036	49.046	ng	99
53) 3-Nitroaniline	9.751	138	347162	28.422	ng	94
54) 2,4-Dinitrophenol	9.857	184	403196	96.429	ng	91
55) Dibenzofuran	10.010	168	2715697	44.832	ng	99
56) 4-Nitrophenol	9.922	139	905889	99.842	ng	96
57) 2,4-Dinitrotoluene	9.992	165	730494	55.142	ng	91
58) Fluorene	10.351	166	1994016	44.937	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.122	232	584053	50.689	ng	100
60) Diethylphthalate	10.234	149	2194077	47.961	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	988233	43.785	ng	91
62) 4-Nitroaniline	10.375	138	588125	50.096	ng	97
63) Azobenzene	10.504	77	2524942	49.411	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	320043	54.531	ng	93
66) n-Nitrosodiphenylamine	10.463	169	1902203	47.660	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	650804	46.506	ng	98
68) Hexachlorobenzene	10.898	284	726236	50.022	ng	96
69) Atrazine	10.992	200	602749	54.030	ng	99
70) Pentachlorophenol	11.092	266	826354	88.205	ng	99
71) Phenanthrene	11.310	178	3017124	45.771	ng	99
72) Anthracene	11.363	178	3083183	45.691	ng	99
73) Carbazole	11.516	167	2787525	47.742	ng	99
74) Di-n-butylphthalate	11.851	149	3307021	52.836	ng	100
75) Fluoranthene	12.492	202	3113547	47.498	ng	99
77) Benzidine	12.610	184	683498	57.923	ng	96
78) Pyrene	12.722	202	3134732	50.608	ng	99
80) Butylbenzylphthalate	13.345	149	1259674	80.393	ng	96
81) Benzo(a)anthracene	13.910	228	2514845	48.816	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	601705	48.285	ng	98
83) Chrysene	13.945	228	2449858	47.845	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	1754246	89.533	ng	98
85) Di-n-octyl phthalate	14.521	149	2654660	60.429	ng	97
87) Indeno(1,2,3-cd)pyrene	16.745	276	2313877	58.860	ng	99
88) Benzo(b)fluoranthene	14.939	252	2263686	52.823	ng	100
89) Benzo(k)fluoranthene	14.969	252	2099019	49.169	ng	99
90) Benzo(a)pyrene	15.286	252	1869417	47.749	ng	98
91) Dibenzo(a,h)anthracene	16.757	278	1911371	57.063	ng	98
92) Benzo(g,h,i)perylene	17.162	276	1923192	59.967	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

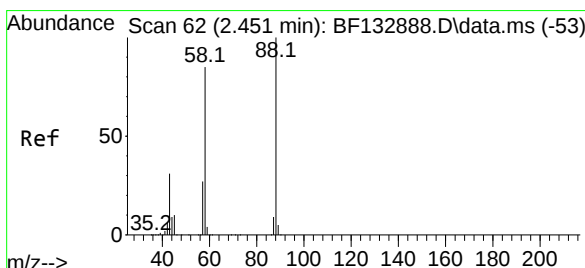
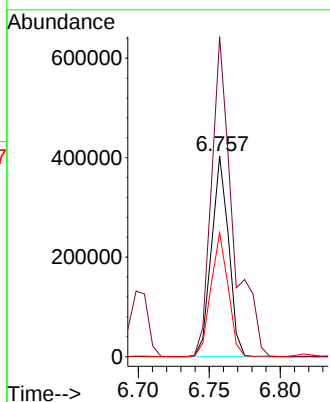
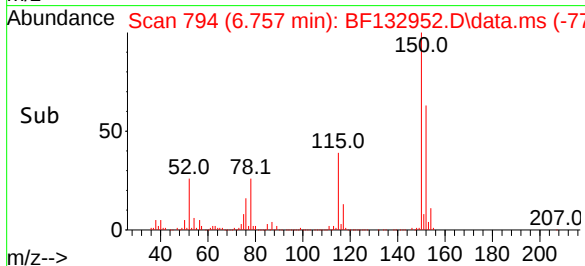
Instrument :
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SPA-1WC-23-04MS



Tgt Ion:152 Resp: 338349
Ion Ratio Lower Upper
152 100
150 159.4 122.8 184.2
115 61.7 47.3 70.9

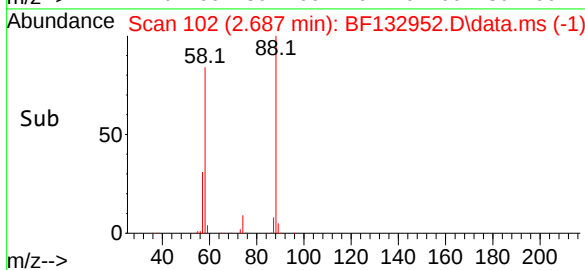
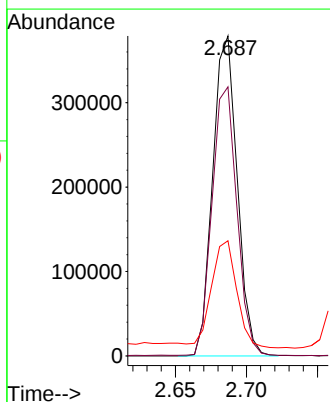
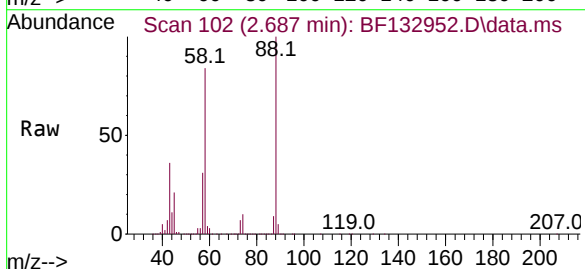
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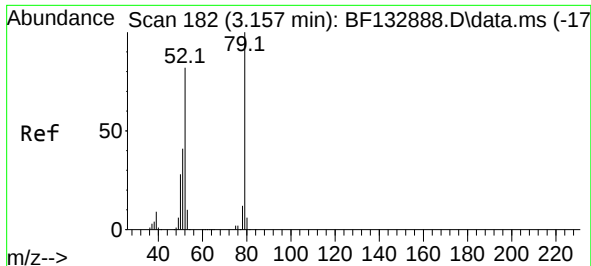
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#2
1,4-Dioxane
Concen: 43.034 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.241 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

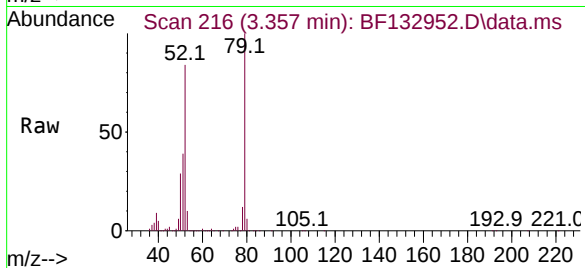
Tgt Ion: 88 Resp: 454372
Ion Ratio Lower Upper
88 100
58 85.2 67.8 101.6
43 34.7 25.4 38.0





#3
Pyridine
Concen: 34.156 ng
RT: 3.357 min Scan# 21
Delta R.T. 0.206 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

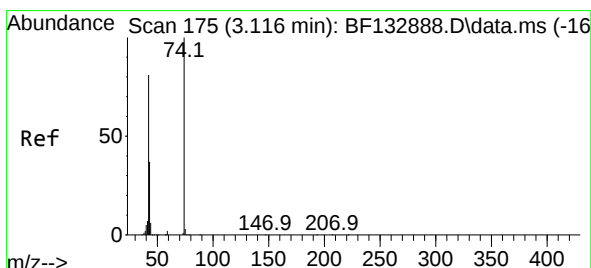
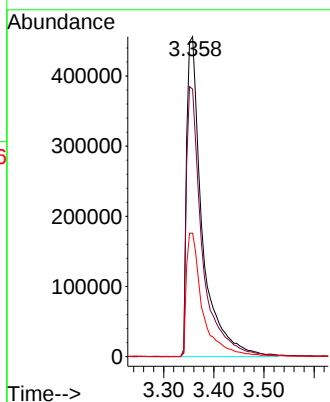
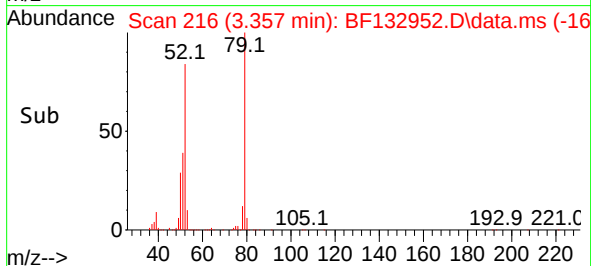
Instrument :
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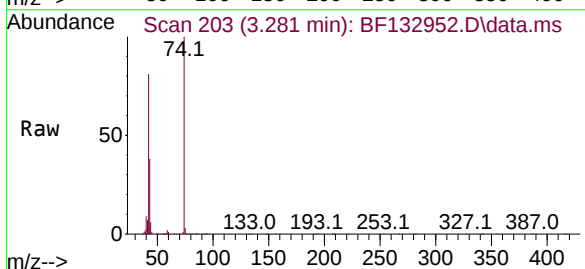
Tgt Ion: 79 Resp: 986326
Ion Ratio Lower Upper
79 100
52 83.6 65.4 98.0
51 38.6 32.6 48.8

Manual Integrations
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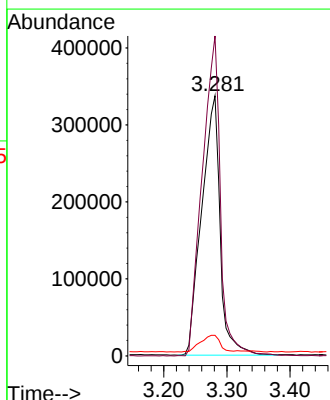
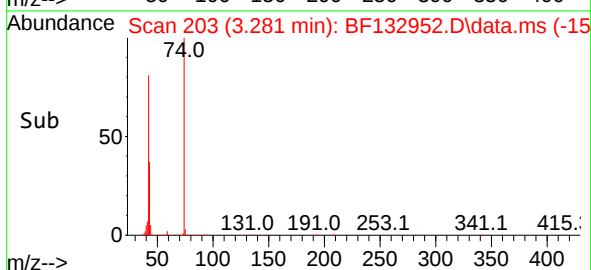
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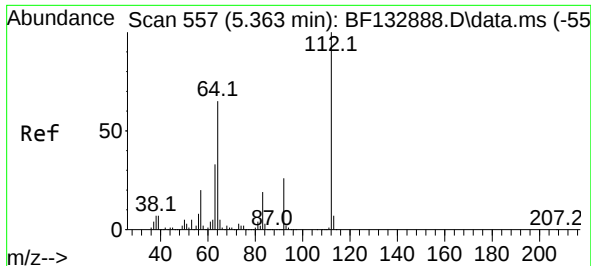


#4
n-Nitrosodimethylamine
Concen: 49.717 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.177 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



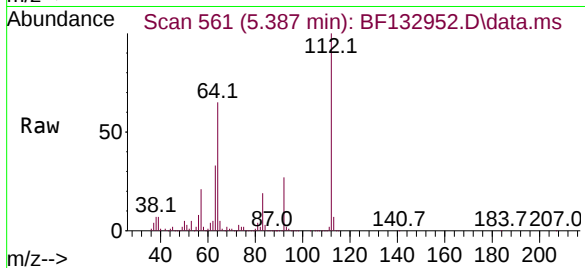
Tgt Ion: 42 Resp: 682156
Ion Ratio Lower Upper
42 100
74 123.1 98.4 147.6
44 7.9 6.1 9.1





#5
2-Fluorophenol
Concen: 131.511 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.030 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

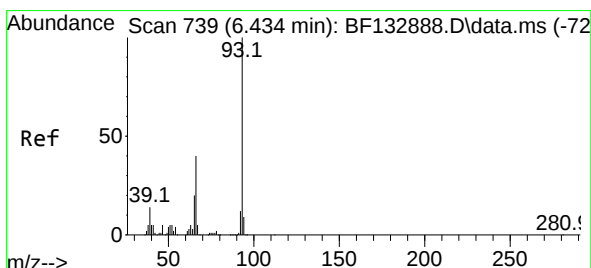
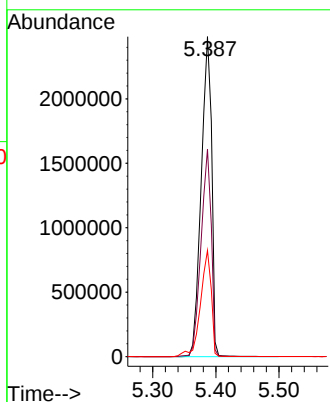
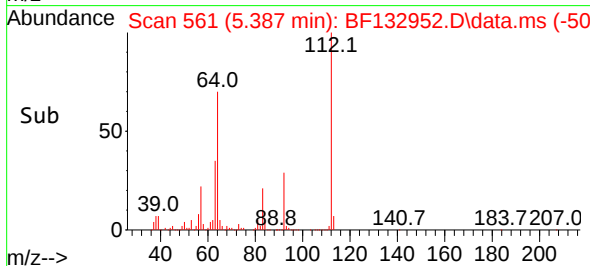
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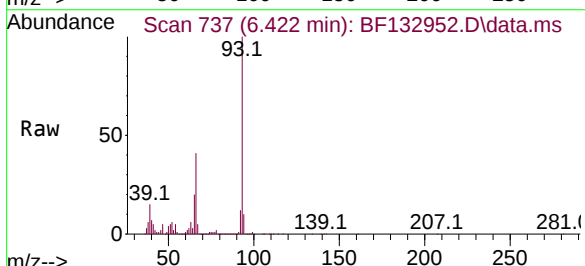
Tgt Ion: 112 Resp: 284565
Ion Ratio Lower Upper
112 100
64 64.8 51.8 77.8
63 33.2 26.3 39.5

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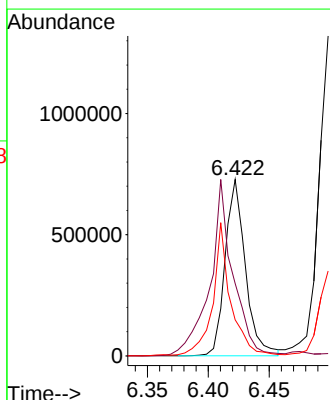
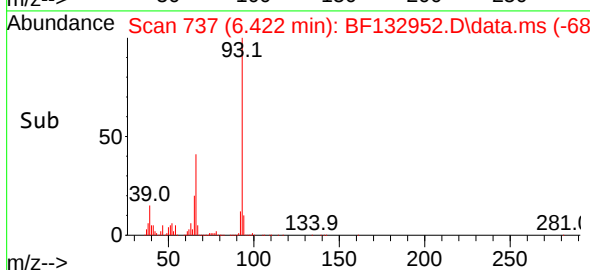
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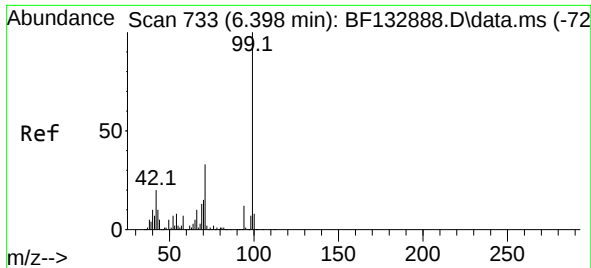


#6
Aniline
Concen: 23.101 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



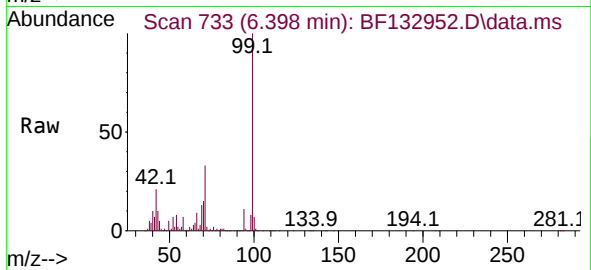
Tgt Ion: 93 Resp: 845894
Ion Ratio Lower Upper
93 100
66 41.1 31.8 47.6
65 20.5 16.3 24.5





#7
Phenol-d6
Concen: 126.982 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

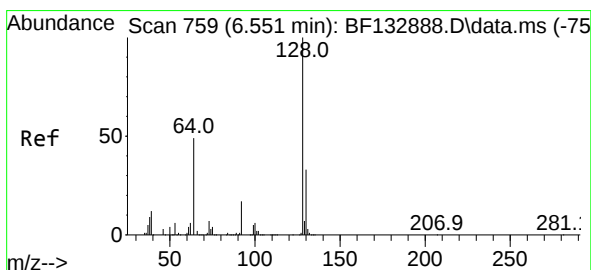
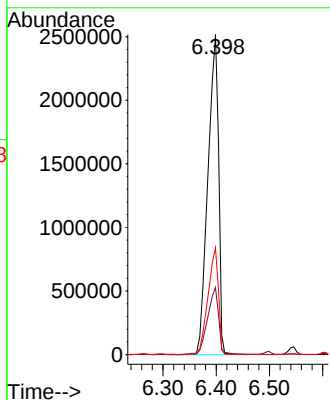
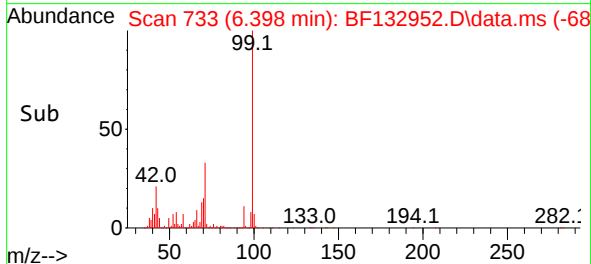
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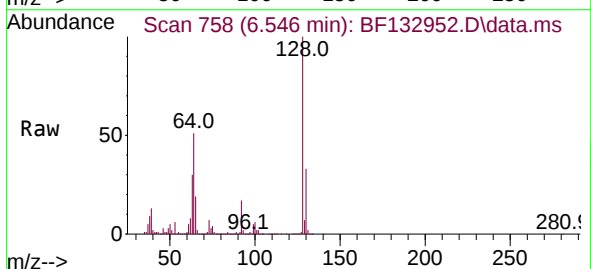
Tgt Ion: 99 Resp: 3506102
Ion Ratio Lower Upper
99 100
42 21.0 16.1 24.1
71 33.4 26.1 39.1

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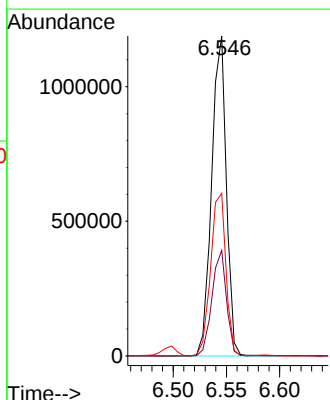
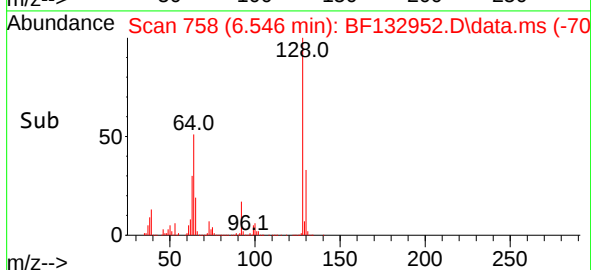
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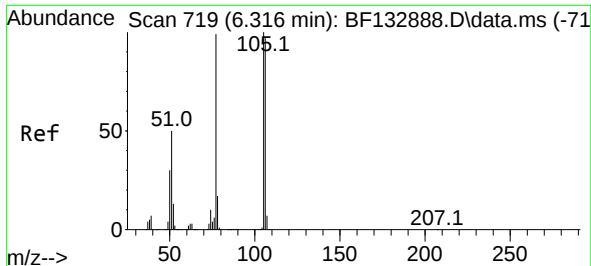


#8
2-Chlorophenol
Concen: 52.009 ng
RT: 6.546 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



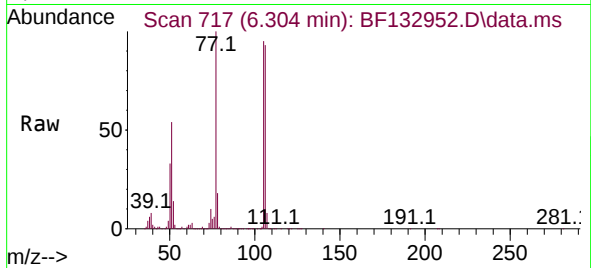
Tgt Ion:128 Resp: 1141690
Ion Ratio Lower Upper
128 100
130 33.0 13.2 53.2
64 50.8 30.9 70.9





#9
Benzaldehyde
Concen: 31.759 ng
RT: 6.304 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

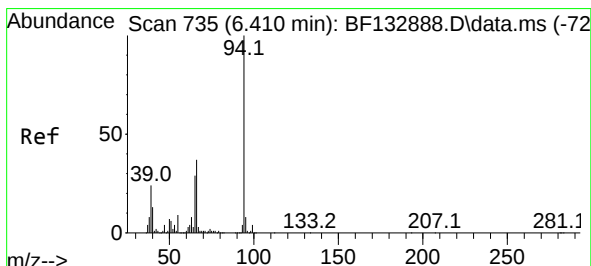
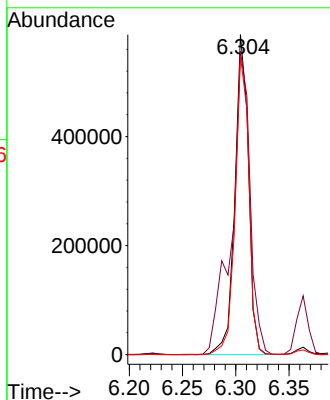
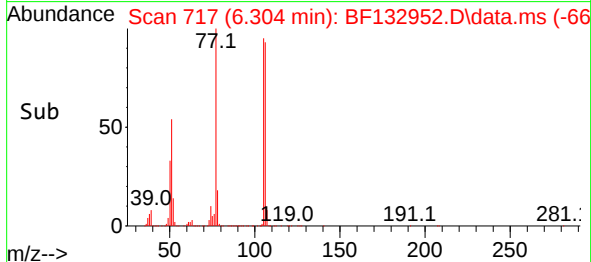
Instrument :
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Tgt Ion: 77 Resp: 518849
Ion Ratio Lower Upper
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105 94.7 80.8 120.8
106 93.3 77.9 117.9

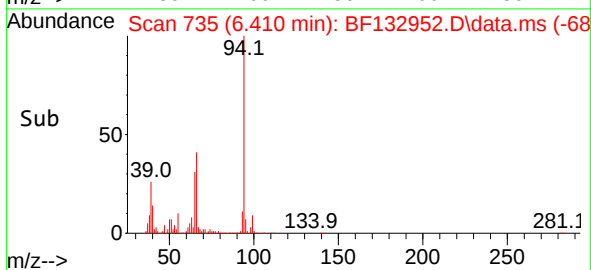
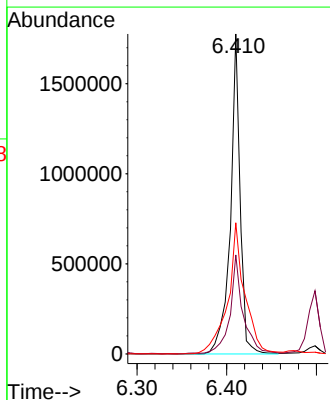
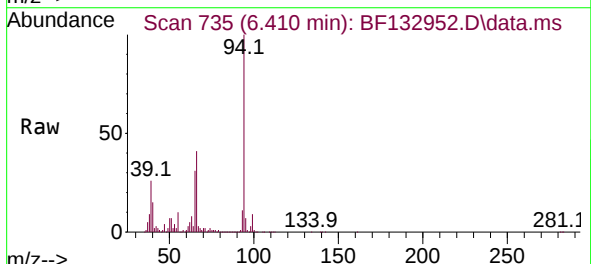
Manual Integrations
APPROVED

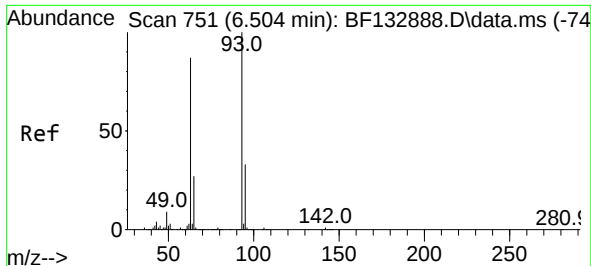
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#10
Phenol
Concen: 43.286 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

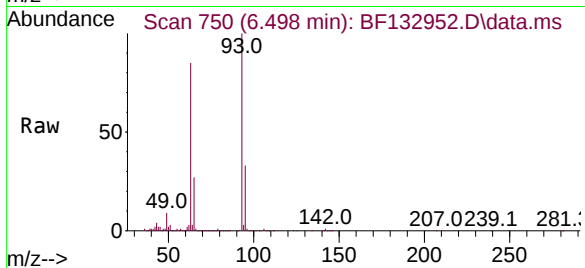
Tgt Ion: 94 Resp: 1343843
Ion Ratio Lower Upper
94 100
65 30.9 9.0 49.0
66 41.0 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 50.785 ng
RT: 6.498 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

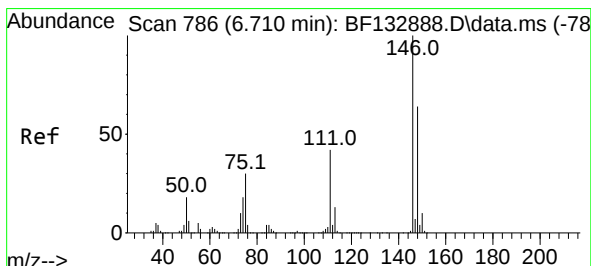
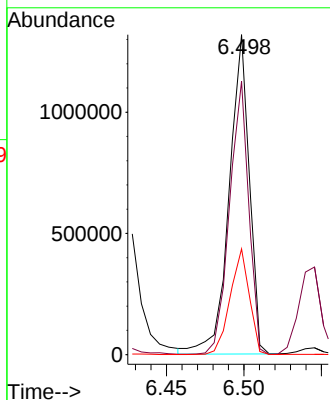
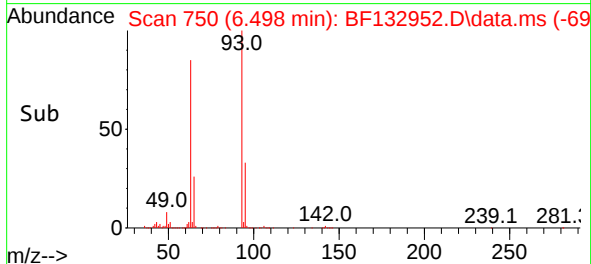
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



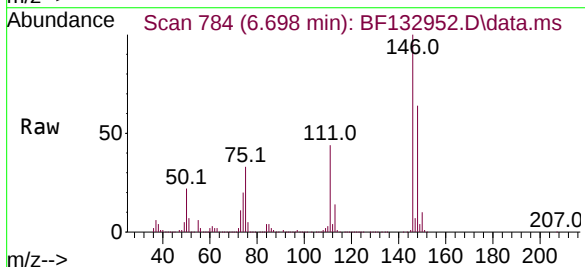
Tgt Ion: 93 Resp: 1190731
Ion Ratio Lower Upper
93 100
63 85.4 66.7 106.7
95 33.0 12.8 52.8

Manual Integrations
APPROVED

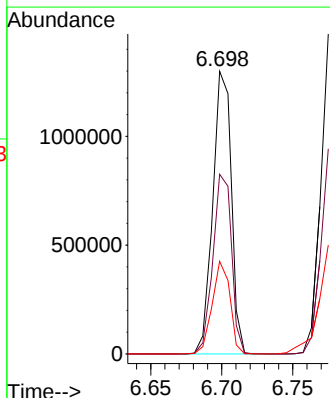
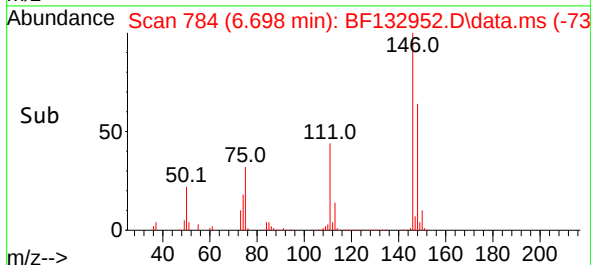
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

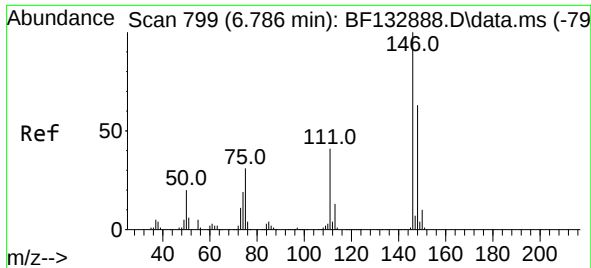


#12
1,3-Dichlorobenzene
Concen: 49.003 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



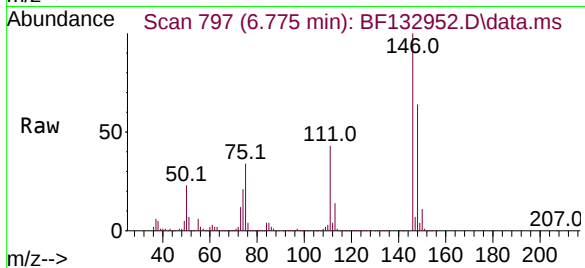
Tgt Ion:146 Resp: 1182345
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
75 32.8 23.9 35.9





#13
1,4-Dichlorobenzene
Concen: 52.536 ng
RT: 6.775 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

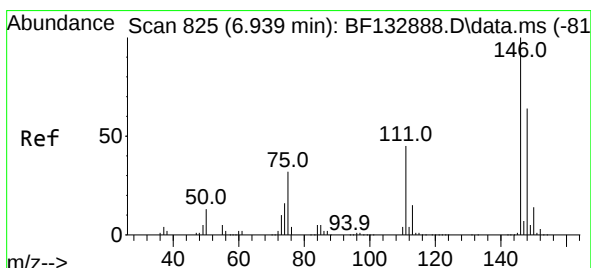
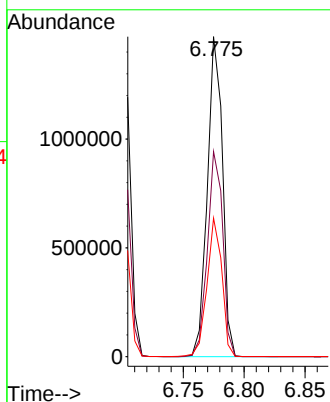
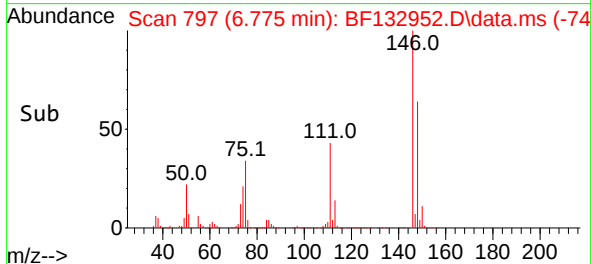
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



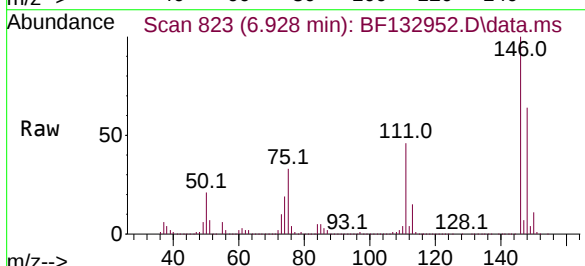
Tgt Ion:146 Resp: 1270131
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
111 43.3 32.5 48.7

Manual Integrations
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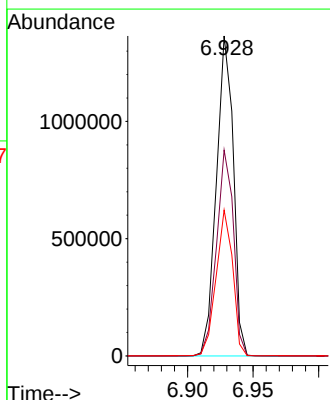
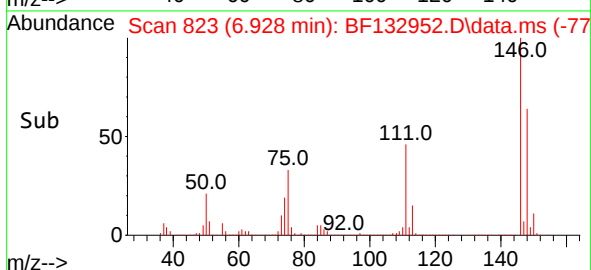
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

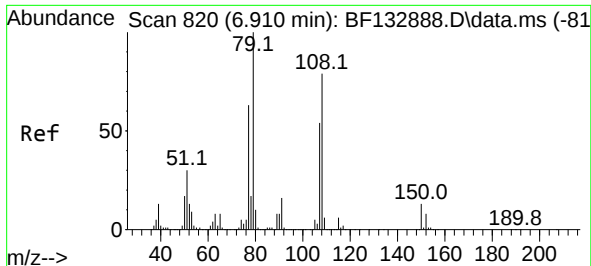


#14
1,2-Dichlorobenzene
Concen: 54.537 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



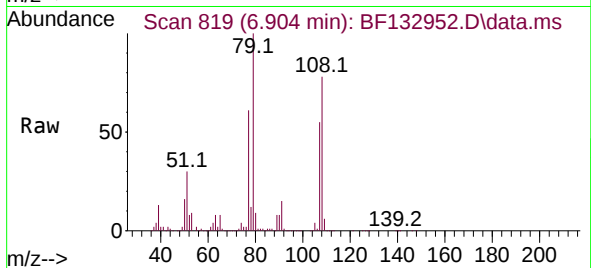
Tgt Ion:146 Resp: 1231093
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
111 45.6 36.0 54.0





#15
Benzyl Alcohol
Concen: 56.586 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

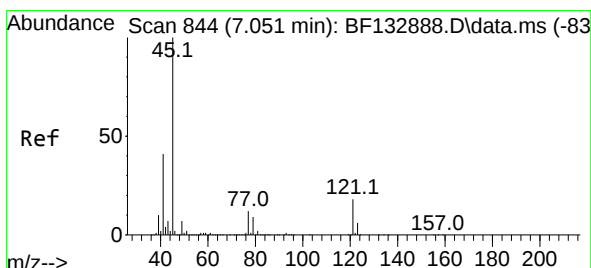
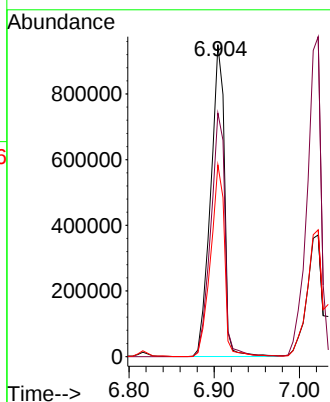
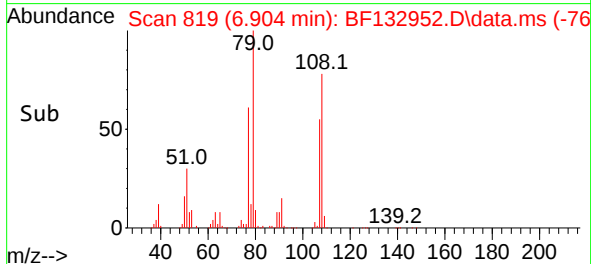
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



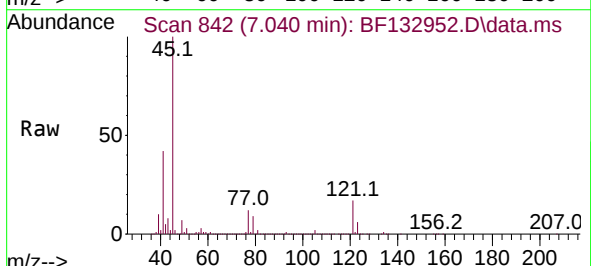
Tgt Ion: 79 Resp: 1070776
Ion Ratio Lower Upper
79 100
108 78.1 63.0 94.6
77 61.5 50.4 75.6

Manual Integrations
APPROVED

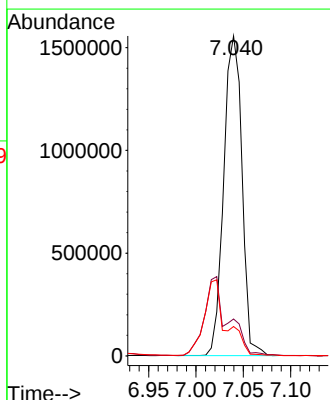
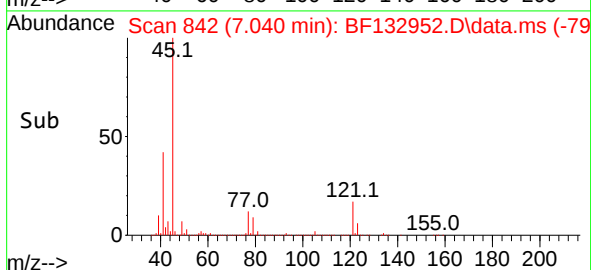
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

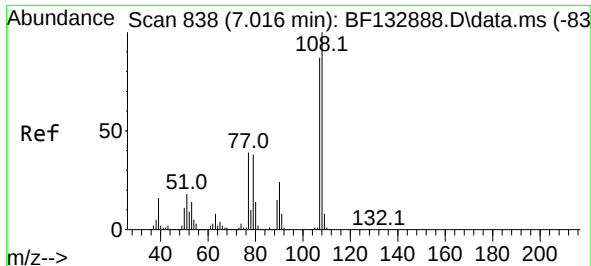


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.290 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



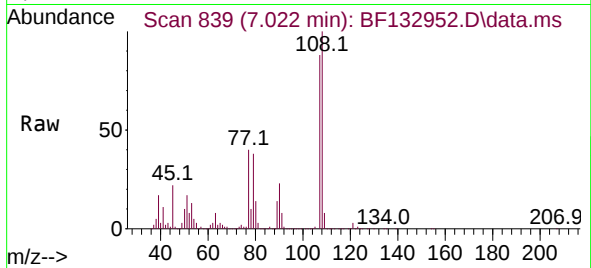
Tgt Ion: 45 Resp: 2080820
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.6
79 9.2 0.0 29.2





#17
2-Methylphenol
Concen: 48.239 ng
RT: 7.022 min Scan# 838
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

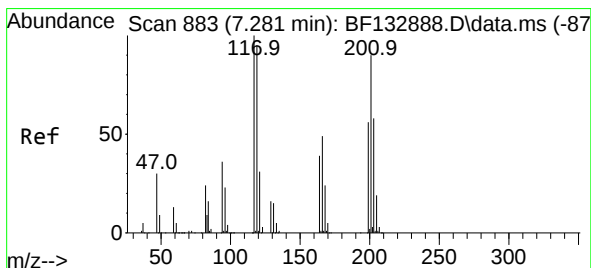
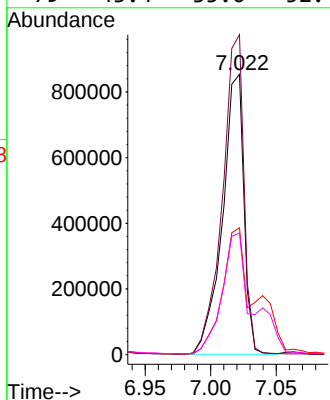
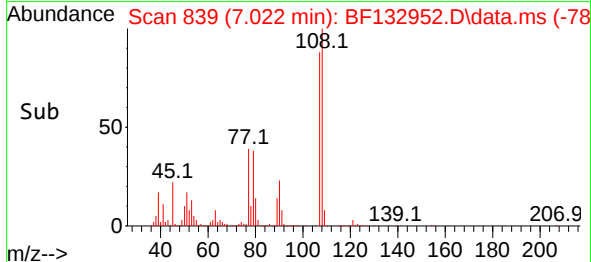
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:107 Resp: 969904
Ion Ratio Lower Upper
107 100
108 114.2 91.7 137.5
77 45.2 35.8 53.8
79 43.4 35.0 52.4

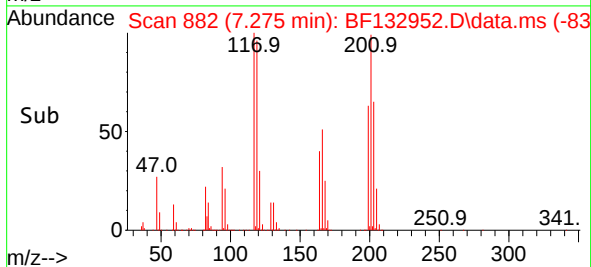
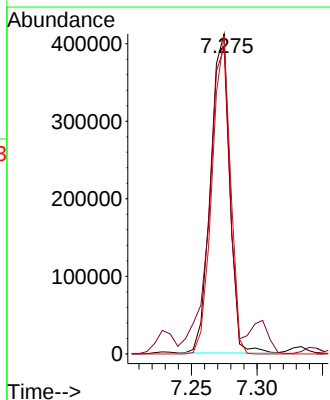
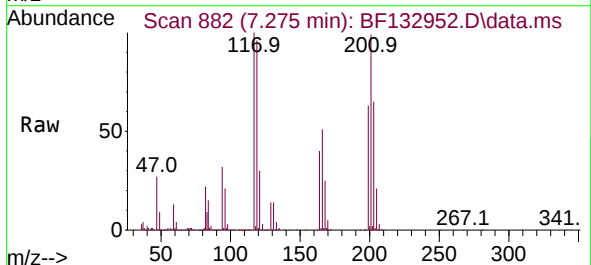
Manual Integrations
APPROVED

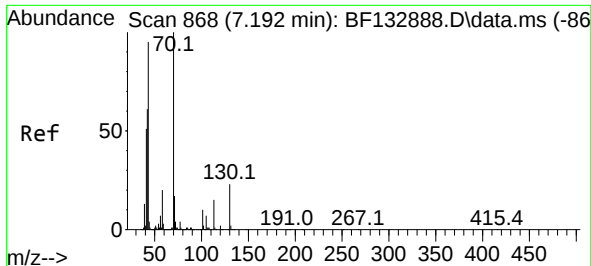
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#18
Hexachloroethane
Concen: 49.844 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

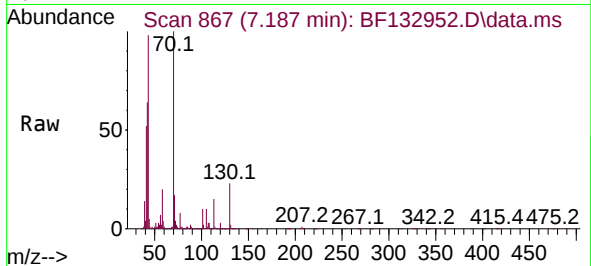
Tgt Ion:117 Resp: 418218
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1
201 99.3 71.8 107.6





#19
n-Nitroso-di-n-propylamine
Concen: 50.537 ng
RT: 7.187 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

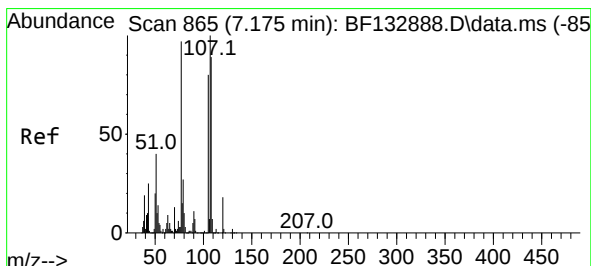
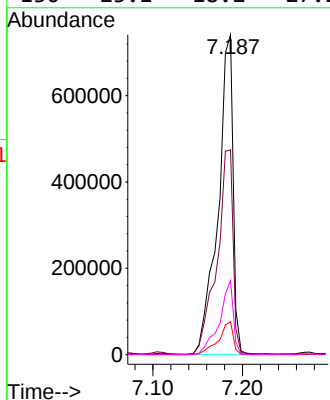
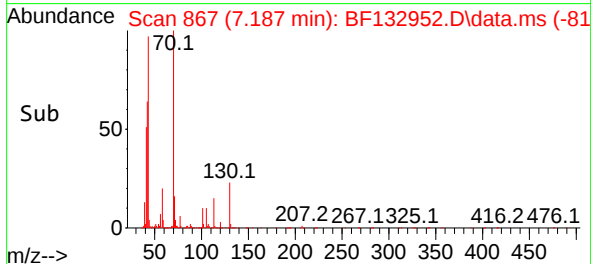
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



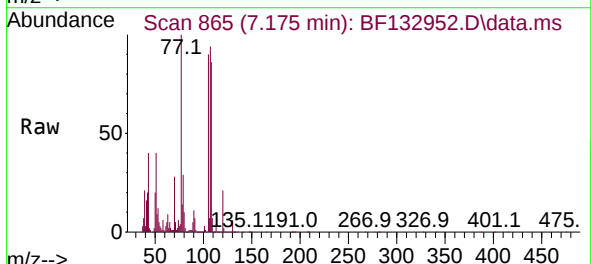
Tgt Ion: 70 Resp: 870984
Ion Ratio Lower Upper
70 100
42 64.0 49.0 73.6
101 10.3 8.1 12.1
130 23.1 18.2 27.2

Manual Integrations
APPROVED

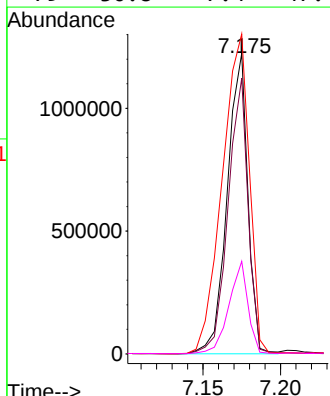
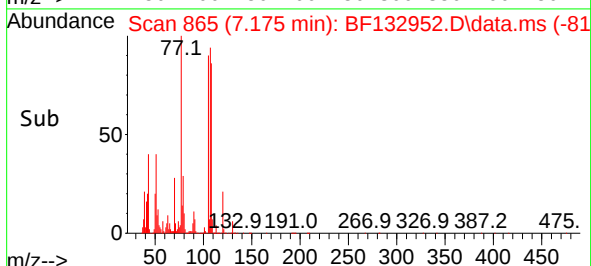
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

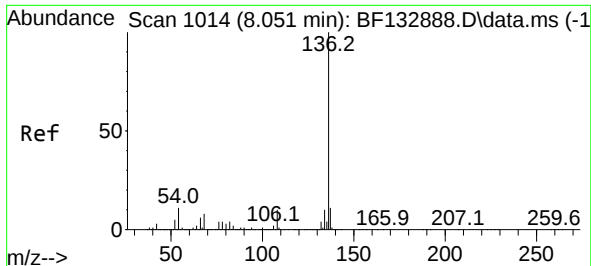


#20
3+4-Methylphenols
Concen: 47.594 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



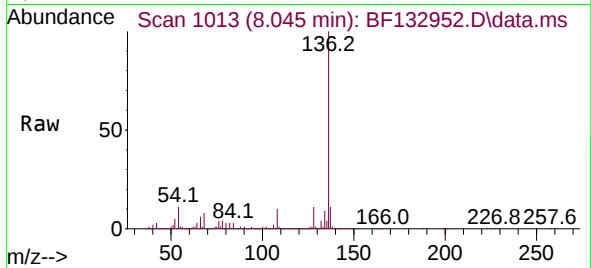
Tgt Ion:107 Resp: 1131033
Ion Ratio Lower Upper
107 100
108 91.7 68.5 108.5
77 106.4 77.1 117.1
79 30.8 7.4 47.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

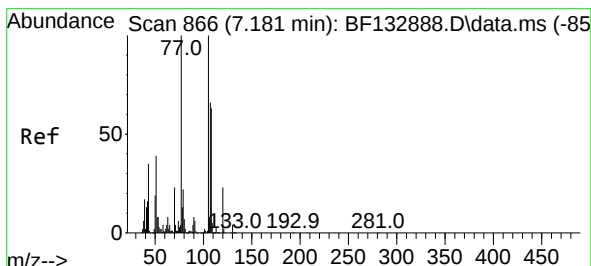
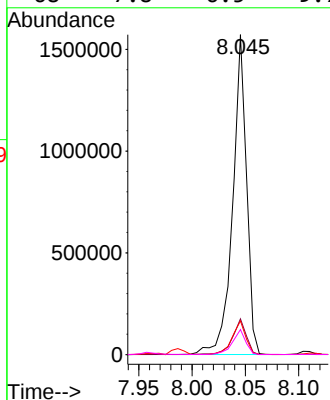
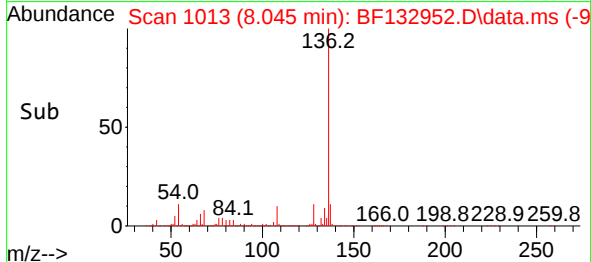
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:136 Resp: 1422402
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.5 8.9 13.3
68 7.8 6.5 9.7

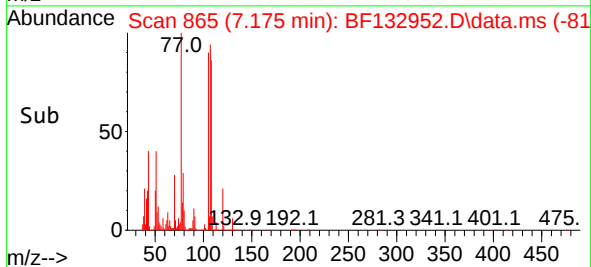
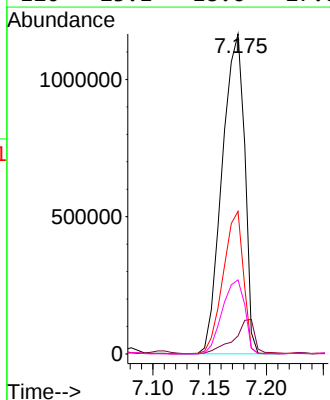
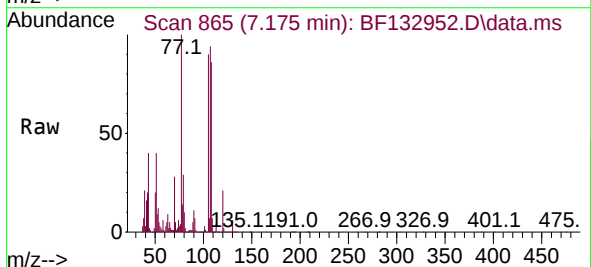
Manual Integrations
APPROVED

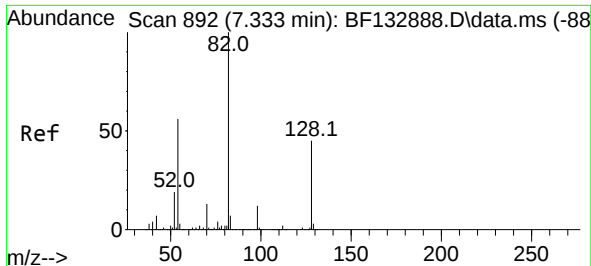
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#22
Acetophenone
Concen: 47.955 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

Tgt Ion:105 Resp: 1600170
Ion Ratio Lower Upper
105 100
71 5.7 3.1 4.7#
51 44.5 31.4 47.2
120 23.1 18.6 27.8





#23

Nitrobenzene-d5

Concen: 88.902 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MS

Tgt Ion: 82 Resp: 2425992

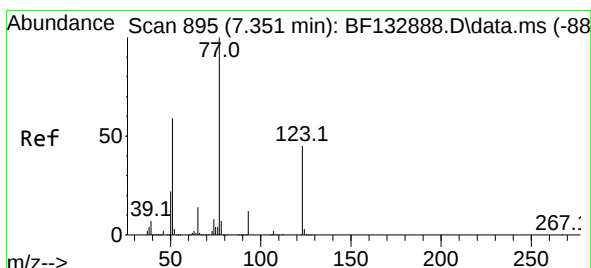
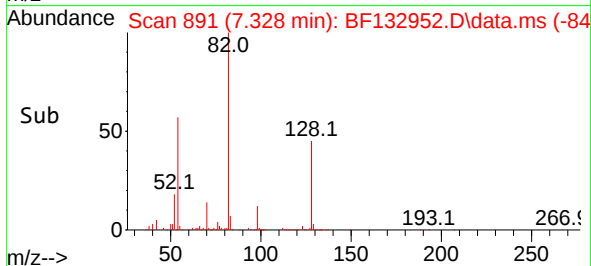
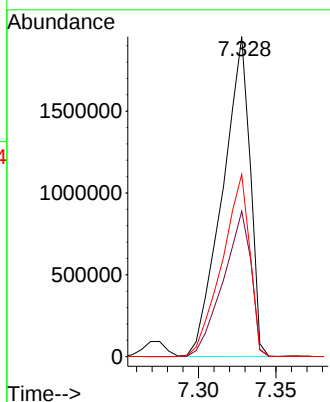
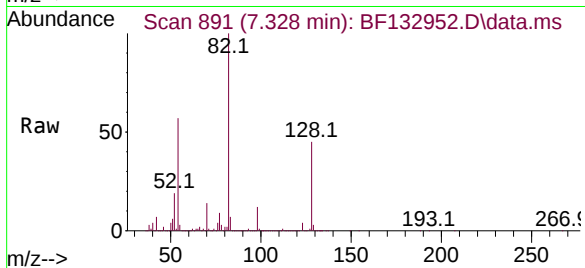
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	57.0	44.7	67.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#24

Nitrobenzene

Concen: 45.388 ng

RT: 7.345 min Scan# 894

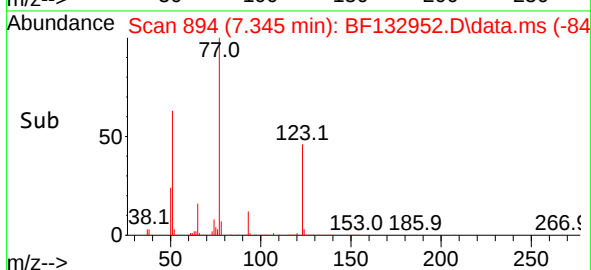
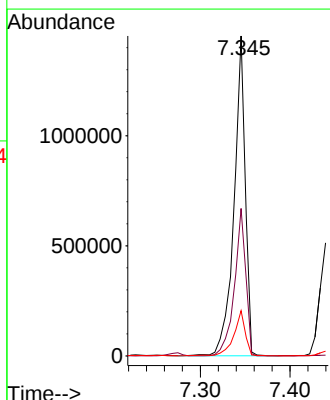
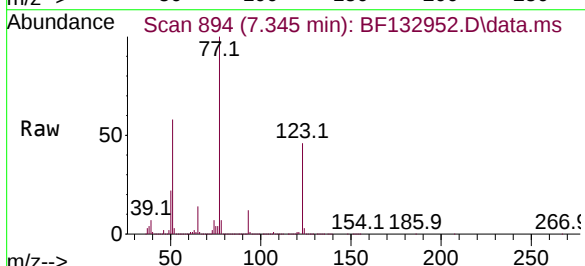
Delta R.T. 0.000 min

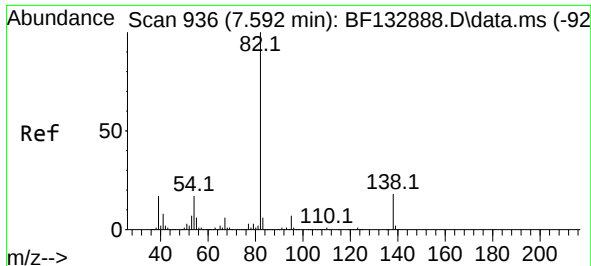
Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

Tgt Ion: 77 Resp: 1269507

Ion	Ratio	Lower	Upper
77	100		
123	46.1	36.3	54.5
65	14.1	11.2	16.8





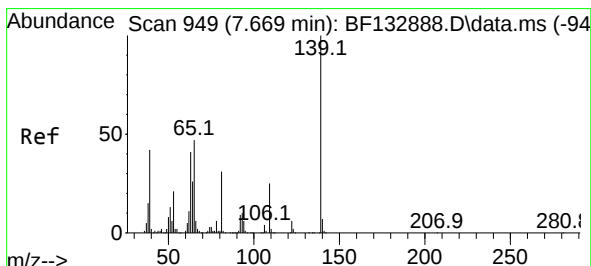
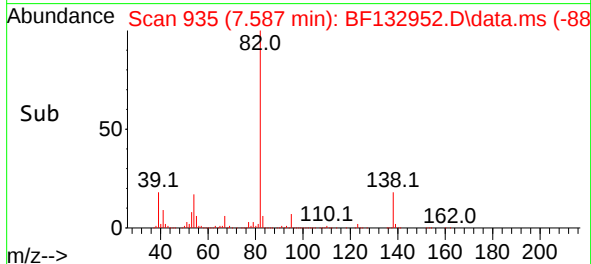
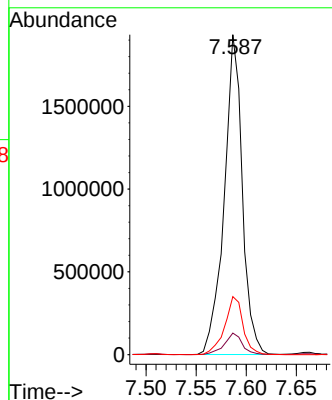
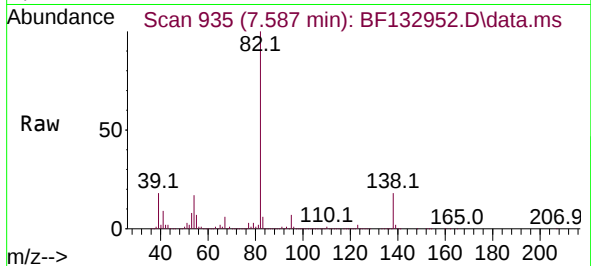
#25
Isophorone
Concen: 46.963 ng
RT: 7.587 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS

Tgt Ion: 82 Resp: 243088
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.2 14.2 21.2

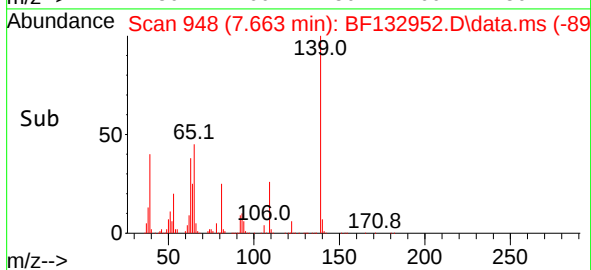
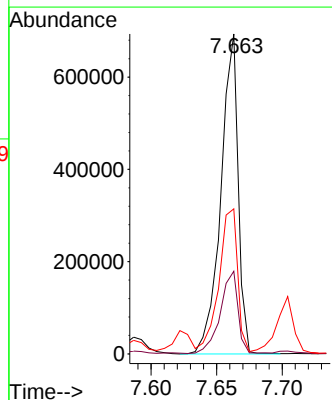
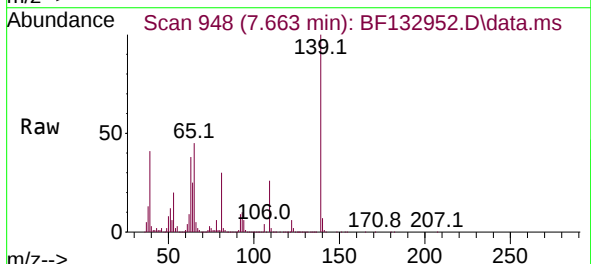
Manual Integrations
APPROVED

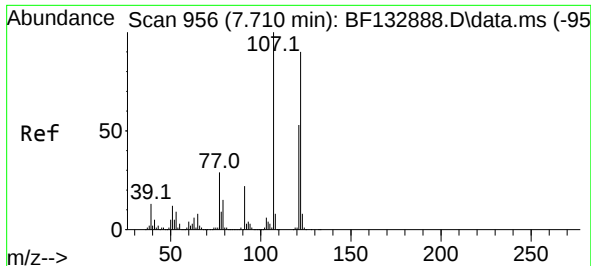
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#26
2-Nitrophenol
Concen: 60.490 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

Tgt Ion:139 Resp: 638259
Ion Ratio Lower Upper
139 100
109 25.8 20.1 30.1
65 45.3 38.0 57.0





#27

2,4-Dimethylphenol

Concen: 51.908 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF132952.D

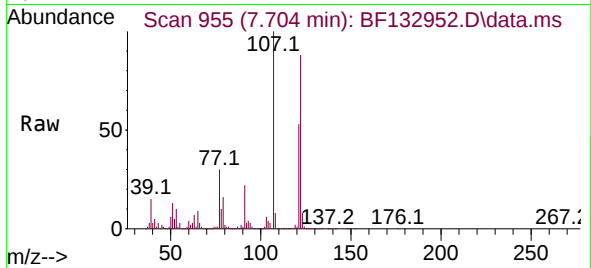
Acq: 20 Apr 2023 23:09

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MS



Tgt Ion:122 Resp: 111726

Ion Ratio Lower Upper

122 100

107 114.1 88.5 132.7

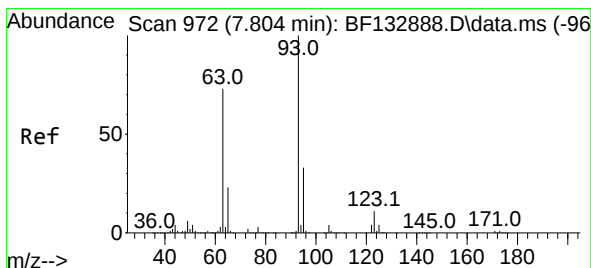
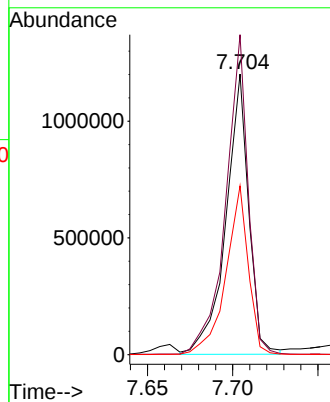
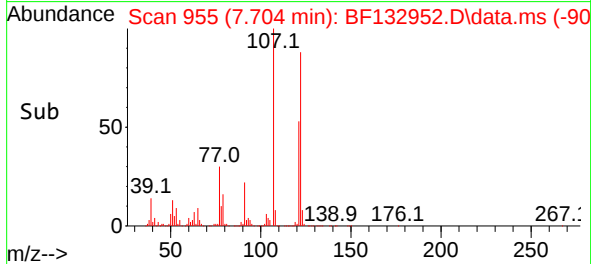
121 60.1 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.886 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

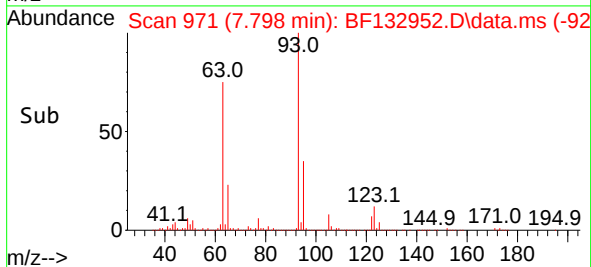
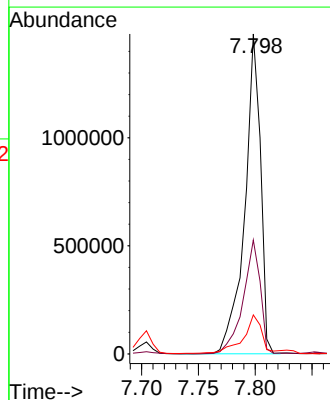
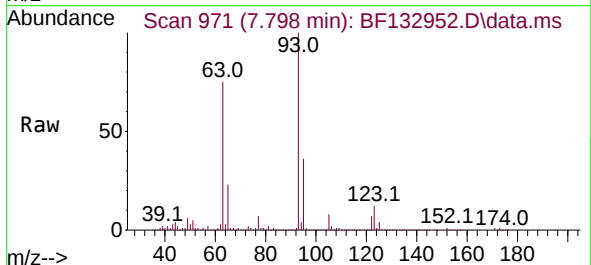
Tgt Ion: 93 Resp: 1420075

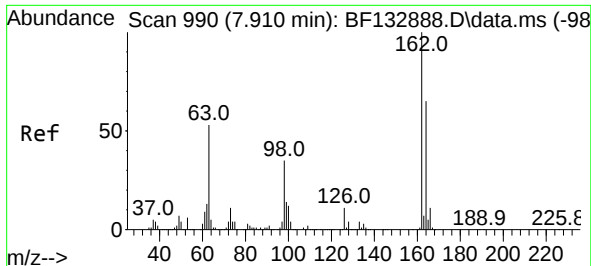
Ion Ratio Lower Upper

93 100

95 35.6 26.3 39.5

123 12.2 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 48.235 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

Instrument :

BNA_F

ClientSampleId :

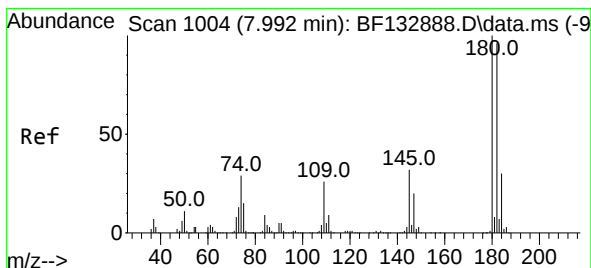
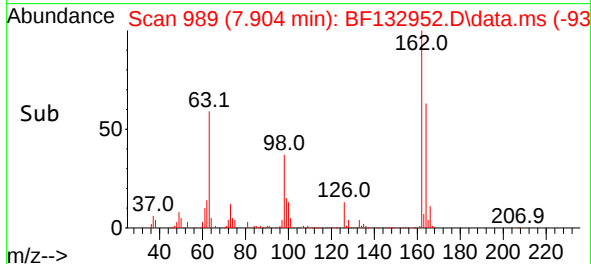
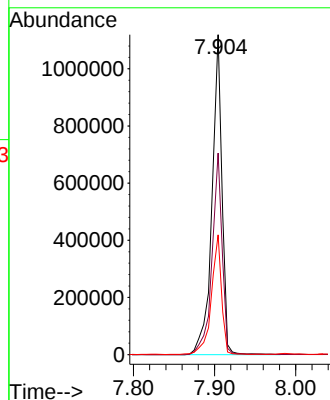
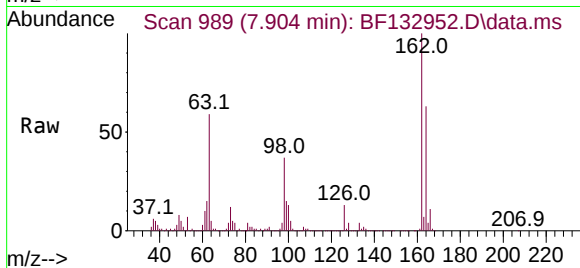
SPA-1WC-23-04MS

Tgt Ion:	162	Resp:	966344
Ion Ratio	Lower	Upper	
162	100		
164	63.0	45.2	85.2
98	37.4	14.8	54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.847 ng

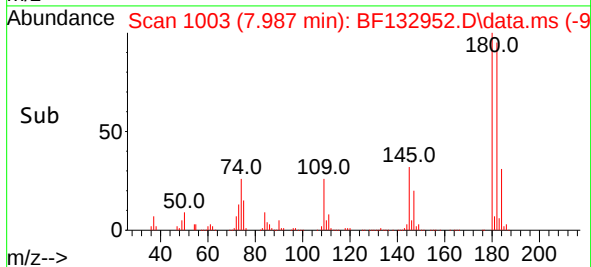
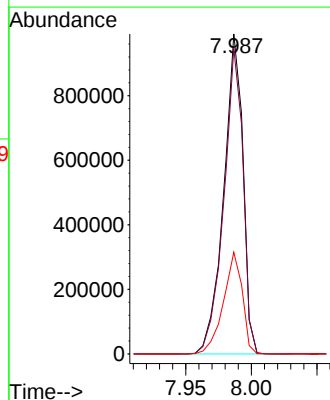
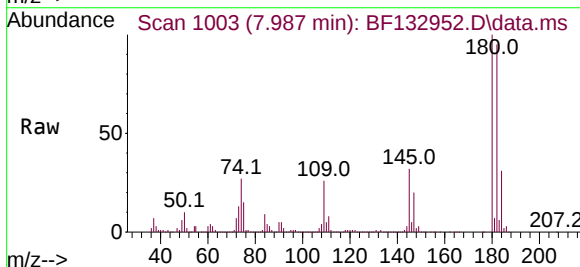
RT: 7.987 min Scan# 1003

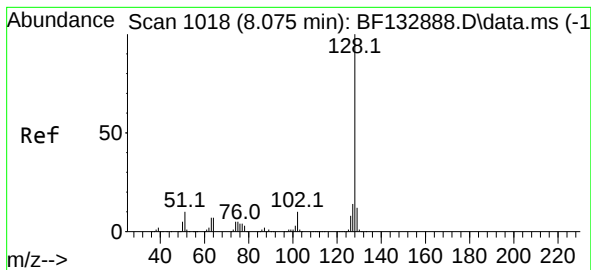
Delta R.T. 0.000 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

Tgt Ion:	180	Resp:	1013382
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.6	114.8
145	31.8	25.4	38.0





#31

Naphthalene

Concen: 47.312 ng

RT: 8.069 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MS

Tgt Ion:128 Resp: 3400725

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

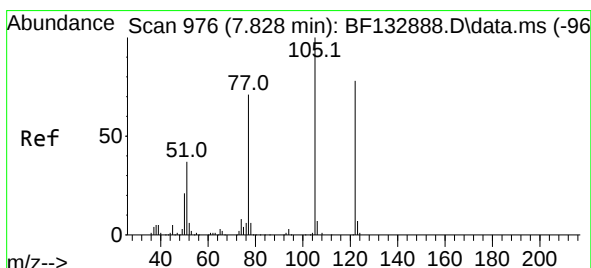
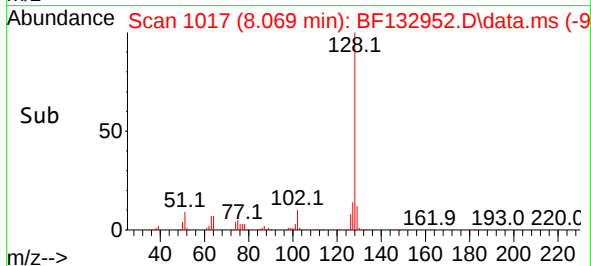
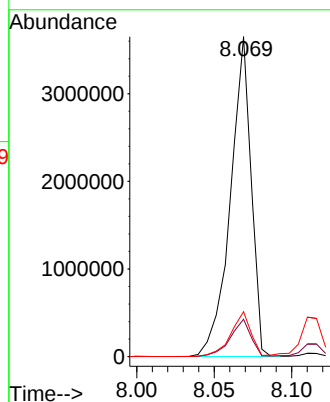
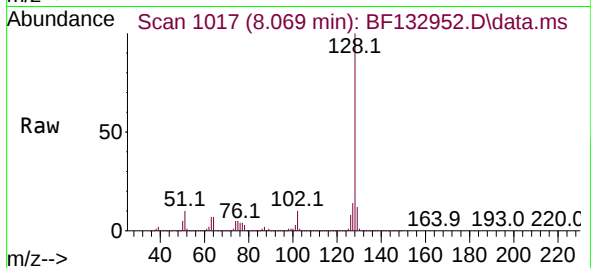
127 14.0 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#32

Benzoic acid

Concen: 52.036 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.012 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

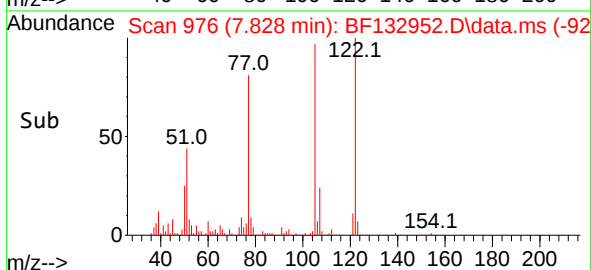
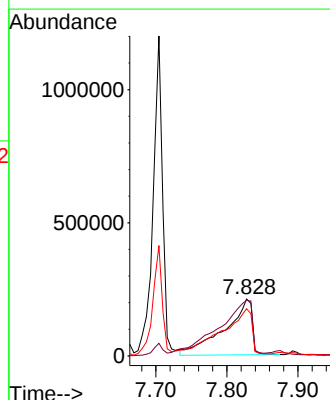
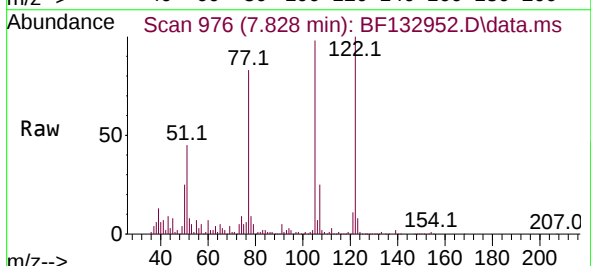
Tgt Ion:122 Resp: 561653

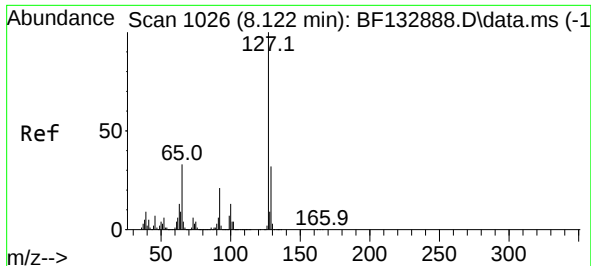
Ion Ratio Lower Upper

122 100

105 97.8 104.5 144.5#

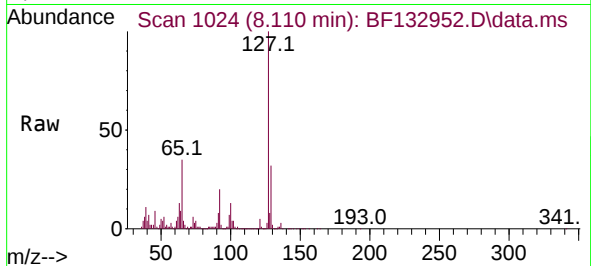
77 83.1 71.2 111.2





#33
4-Chloroaniline
Concen: 15.346 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

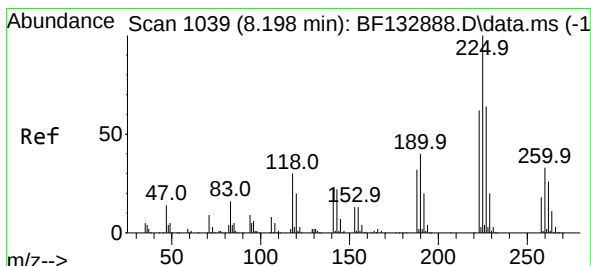
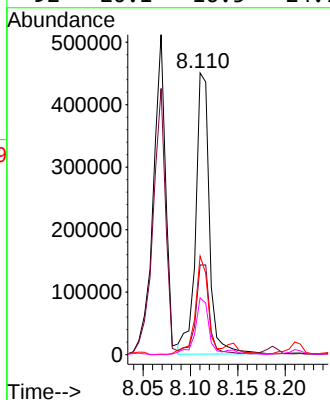
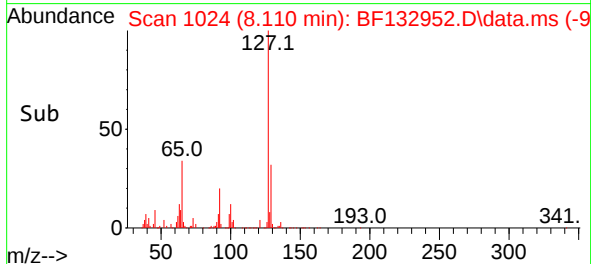
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:127 Resp: 451783
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 35.0 26.7 40.1
92 20.1 16.5 24.7

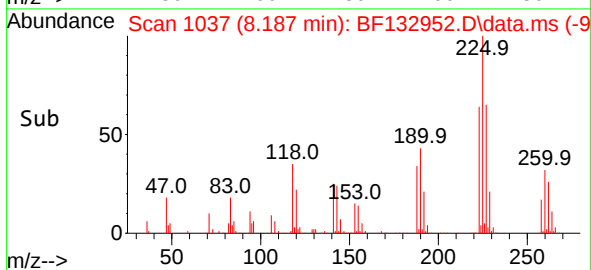
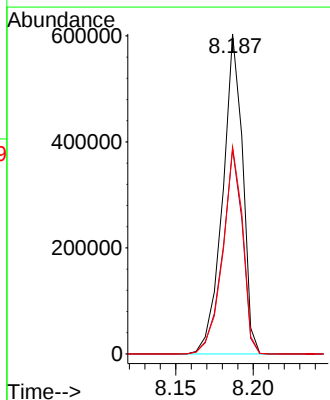
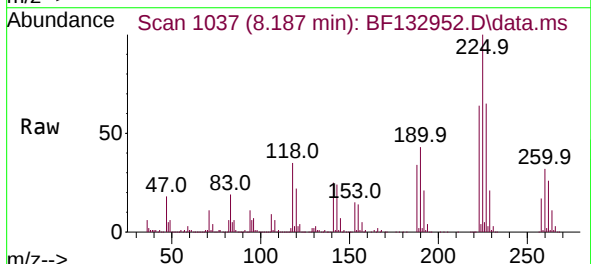
Manual Integrations
APPROVED

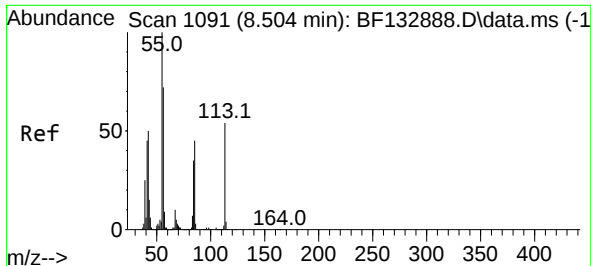
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#34
Hexachlorobutadiene
Concen: 43.713 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

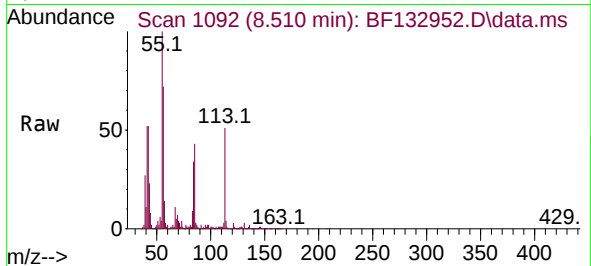
Tgt Ion:225 Resp: 540956
Ion Ratio Lower Upper
225 100
223 64.0 49.6 74.4
227 64.7 51.6 77.4





#35
Caprolactam
Concen: 56.257 ng m
RT: 8.510 min Scan# 1091
Delta R.T. 0.018 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

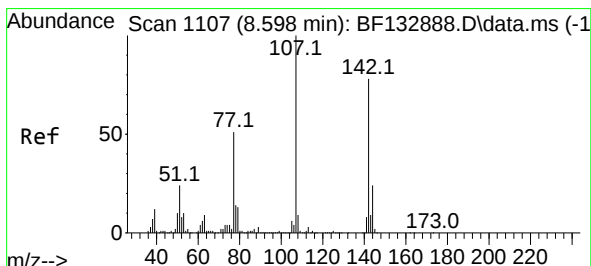
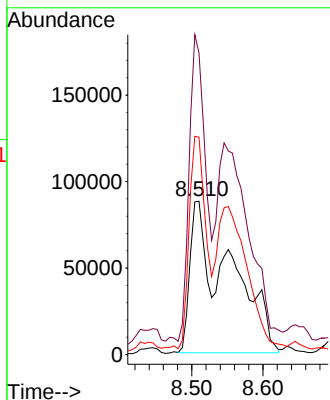
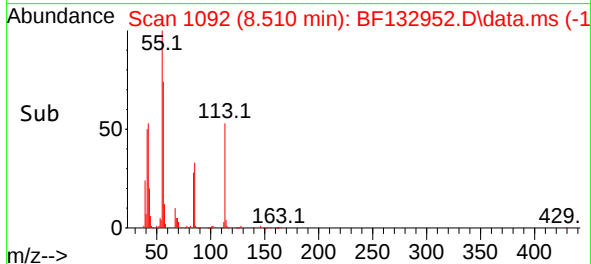
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:113 Resp: 33563
Ion Ratio Lower Upper
113 100
55 196.6 166.0 206.0
56 141.8 114.5 154.5

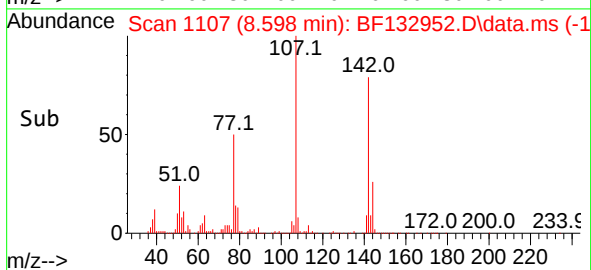
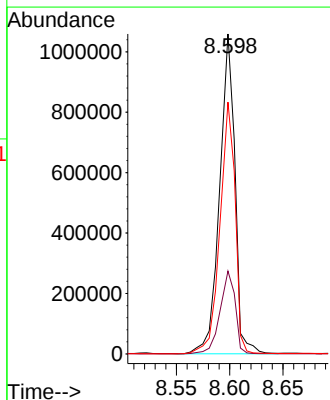
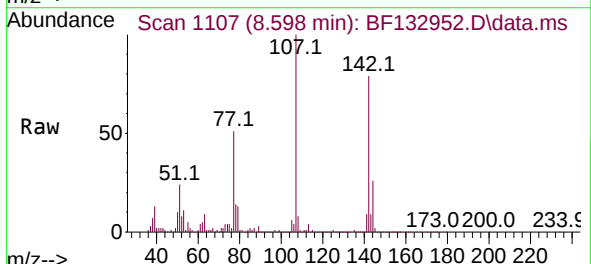
Manual Integrations
APPROVED

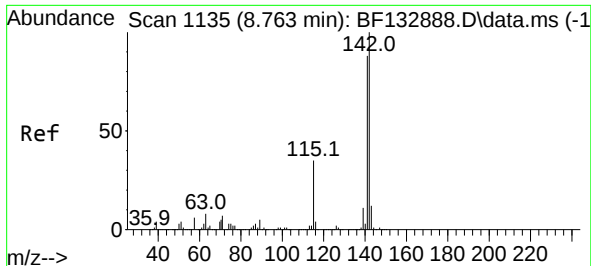
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#36
4-Chloro-3-methylphenol
Concen: 50.524 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

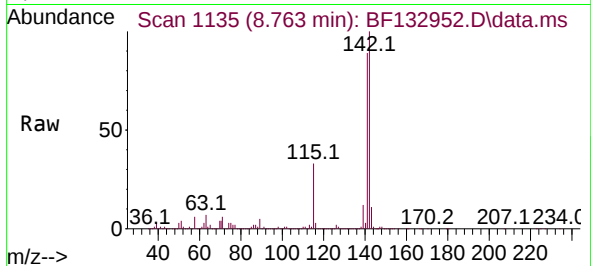
Tgt Ion:107 Resp: 1062410
Ion Ratio Lower Upper
107 100
144 25.9 19.4 29.0
142 78.7 62.2 93.2





#37
2-Methylnaphthalene
Concen: 44.227 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

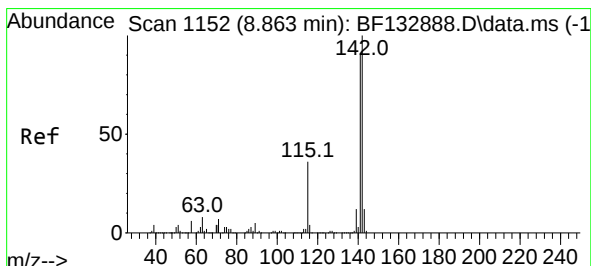
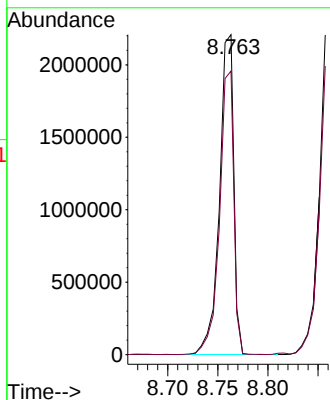
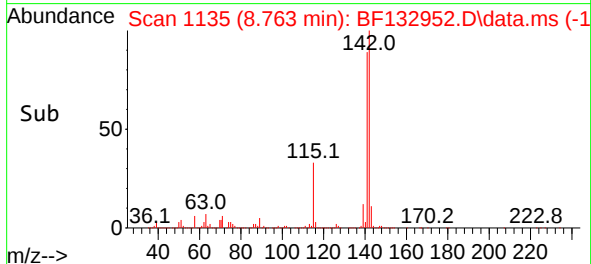
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:142 Resp: 2188120
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6

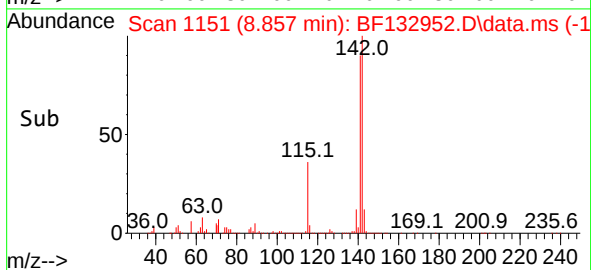
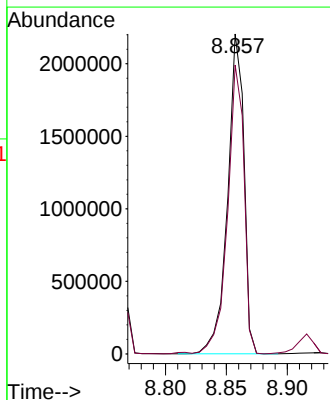
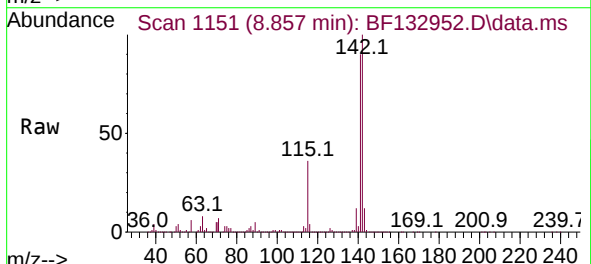
Manual Integrations
APPROVED

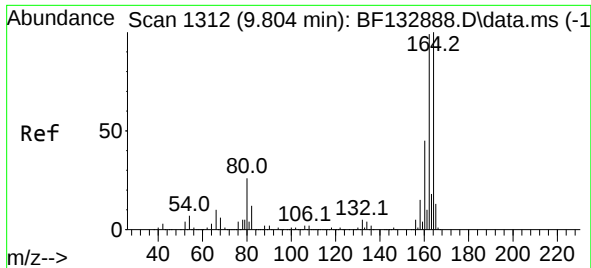
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#38
1-Methylnaphthalene
Concen: 44.601 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

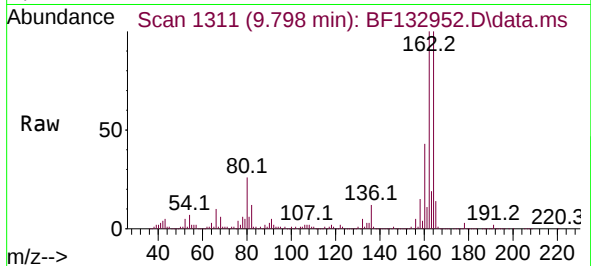
Tgt Ion:142 Resp: 2056053
Ion Ratio Lower Upper
142 100
141 90.3 72.6 109.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

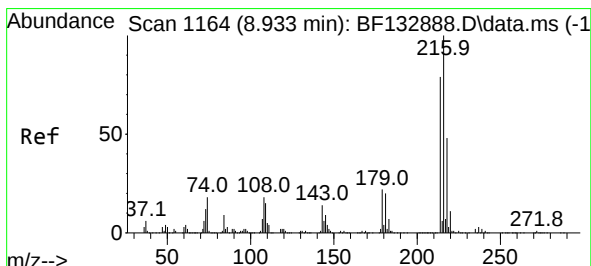
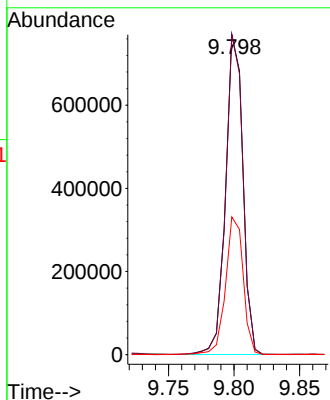
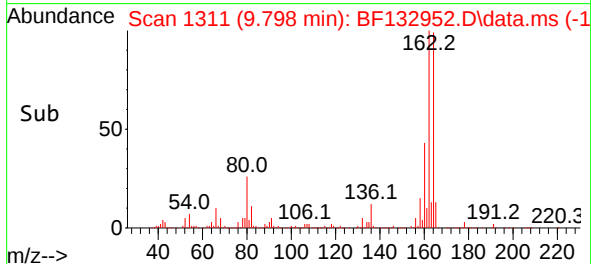
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:164 Resp: 708115
Ion Ratio Lower Upper
164 100
162 100.0 79.1 118.7
160 43.0 35.6 53.4

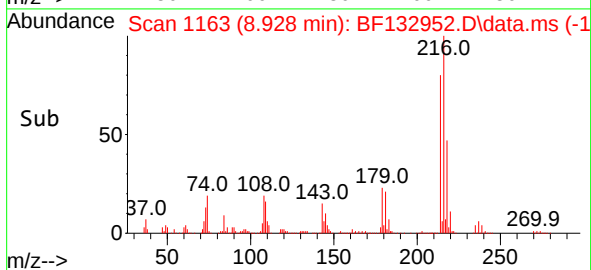
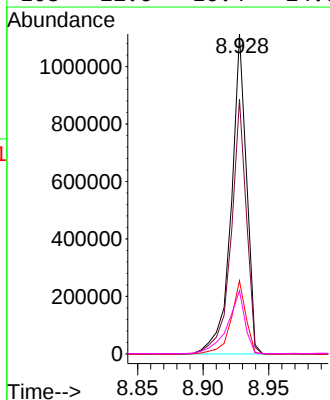
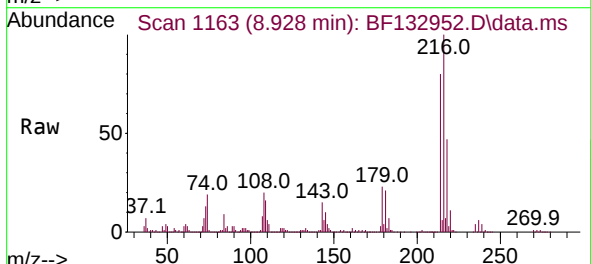
Manual Integrations
APPROVED

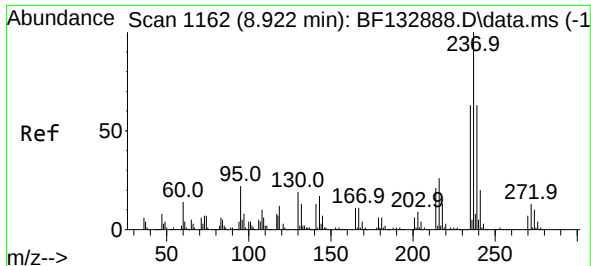
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.961 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

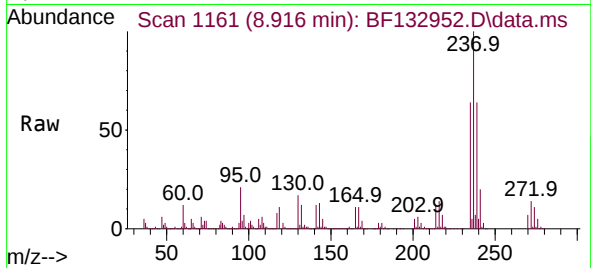
Tgt Ion:216 Resp: 900511
Ion Ratio Lower Upper
216 100
214 79.3 63.1 94.7
179 22.2 17.4 26.2
108 22.6 16.4 24.6





#41
Hexachlorocyclopentadiene
Concen: 100.702 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

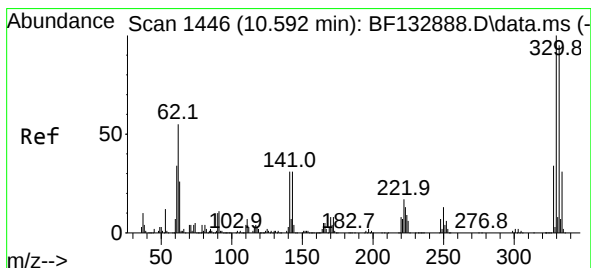
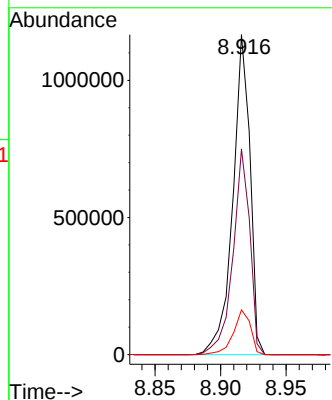
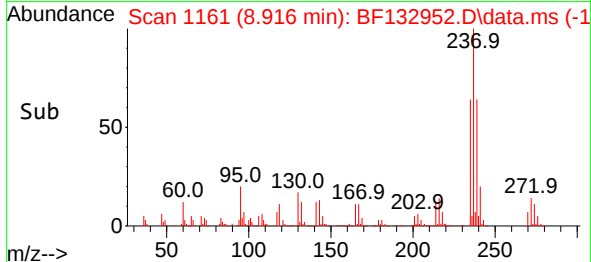
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



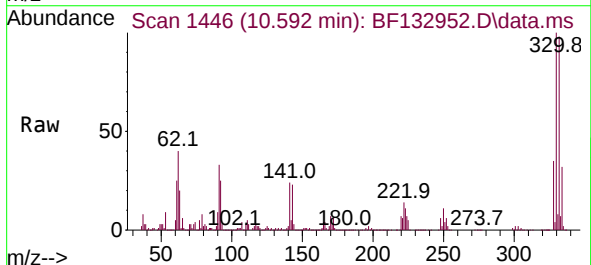
Tgt Ion: 237 Resp: 1063081
Ion Ratio Lower Upper
237 100
235 64.3 43.2 83.2
272 14.0 0.0 32.8

Manual Integrations
APPROVED

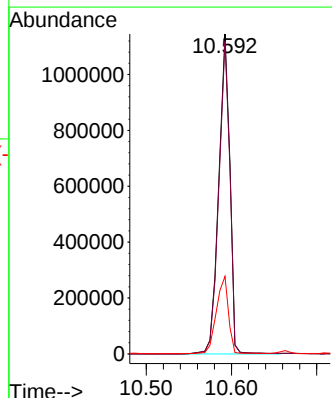
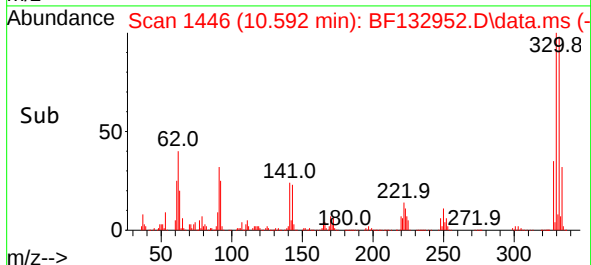
Reviewed By : Christian Giraldo 04/21/2023
Supervised By : Jagrut Upadhyay 04/21/2023

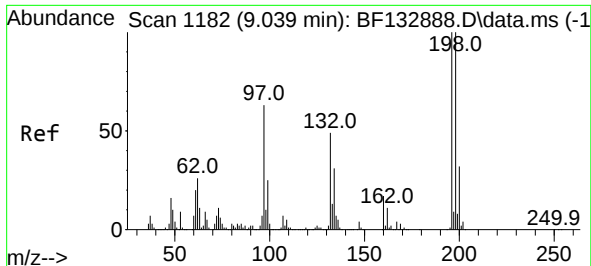


#42
2,4,6-Tribromophenol
Concen: 146.215 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



Tgt Ion: 330 Resp: 1038481
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 26.1 23.9 35.9





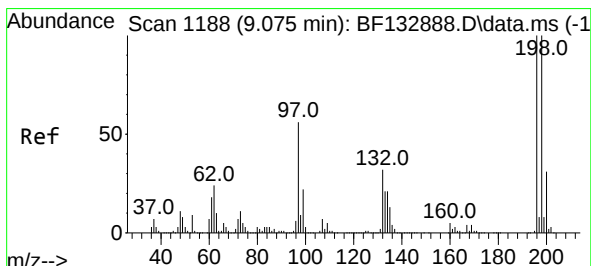
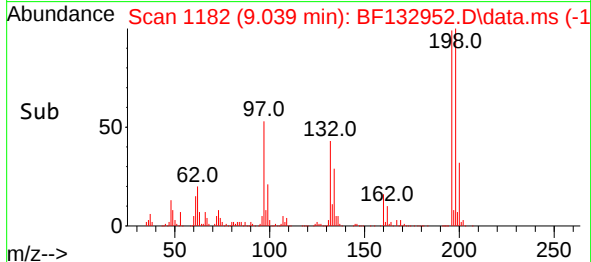
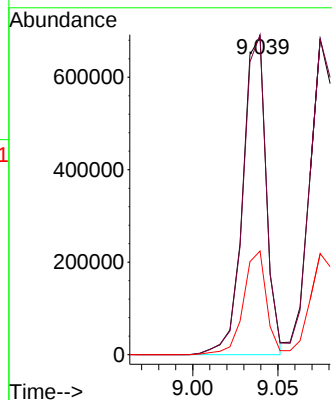
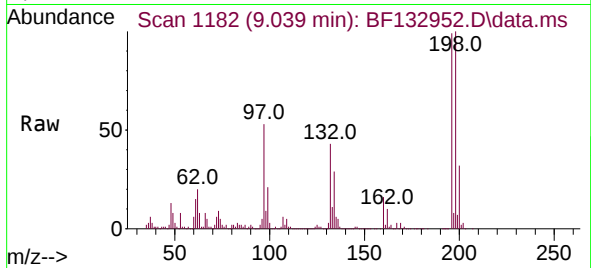
#43
2,4,6-Trichlorophenol
Concen: 51.839 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS

Tgt Ion:196 Resp: 658163
Ion Ratio Lower Upper
196 100
198 100.8 79.8 119.6
200 32.6 25.4 38.2

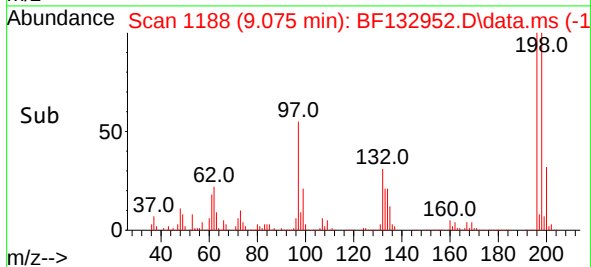
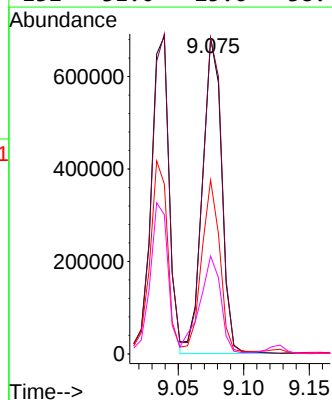
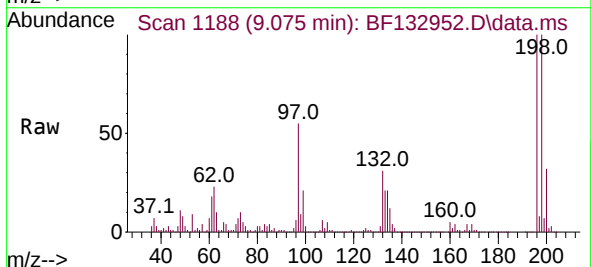
Manual Integrations
APPROVED

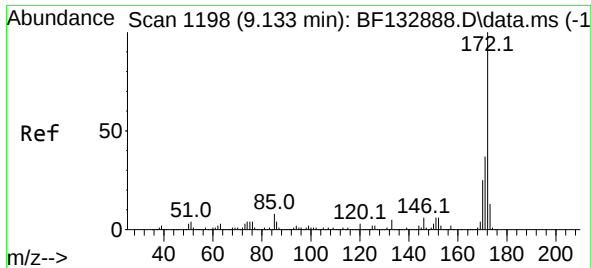
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#44
2,4,5-Trichlorophenol
Concen: 46.765 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

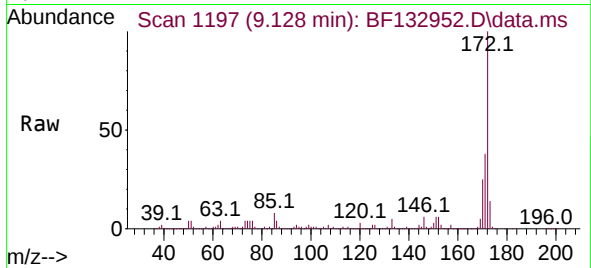
Tgt Ion:196 Resp: 694292
Ion Ratio Lower Upper
196 100
198 100.0 80.2 120.2
97 55.1 45.0 67.6
132 31.0 25.6 38.4





#45
2-Fluorobiphenyl
Concen: 82.467 ng
RT: 9.128 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

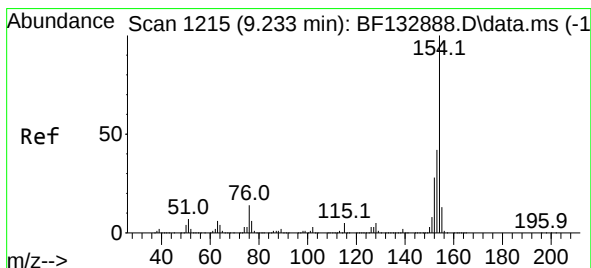
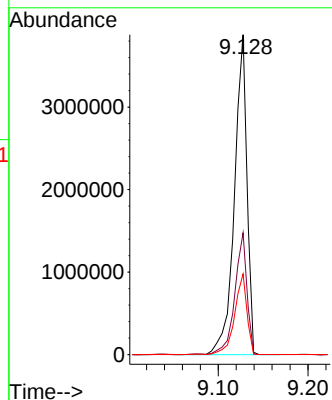
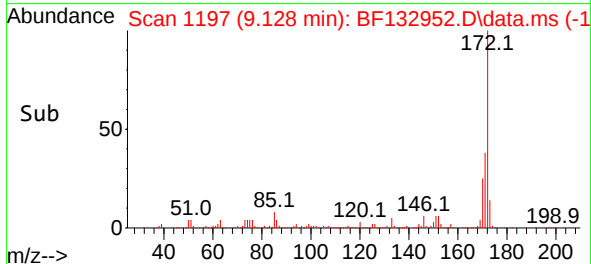
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



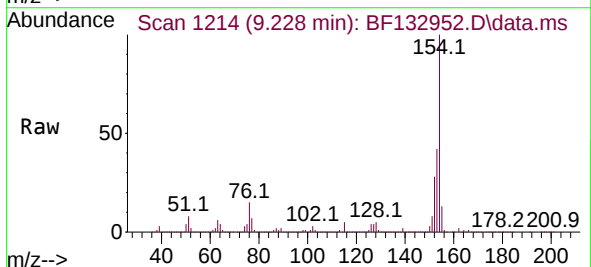
Tgt Ion:172 Resp: 3801283
Ion Ratio Lower Upper
172 100
171 38.1 29.4 44.0
170 25.2 20.1 30.1

Manual Integrations
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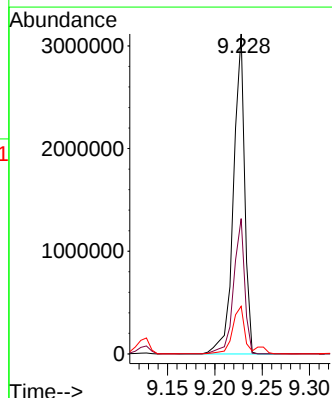
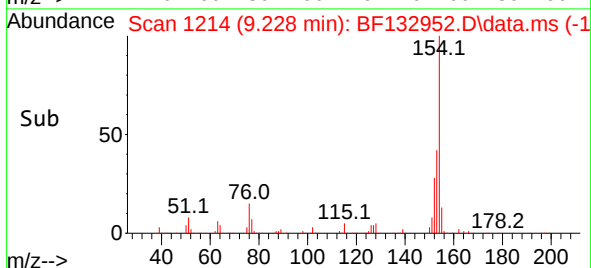
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

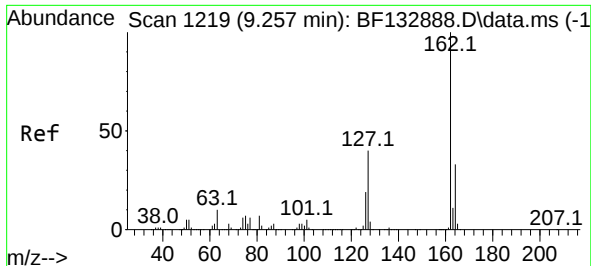


#46
1,1'-Biphenyl
Concen: 45.689 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



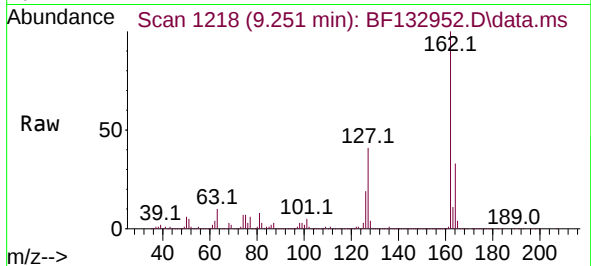
Tgt Ion:154 Resp: 2564753
Ion Ratio Lower Upper
154 100
153 42.3 21.8 61.8
76 14.9 0.0 34.0





#47
2-Chloronaphthalene
Concen: 47.339 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

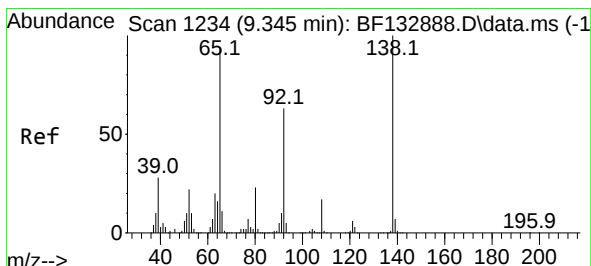
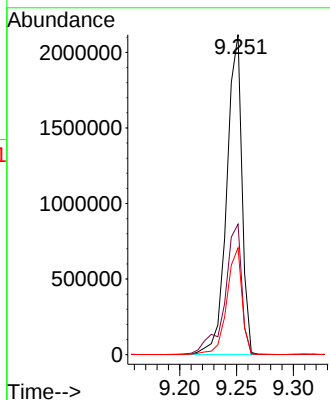
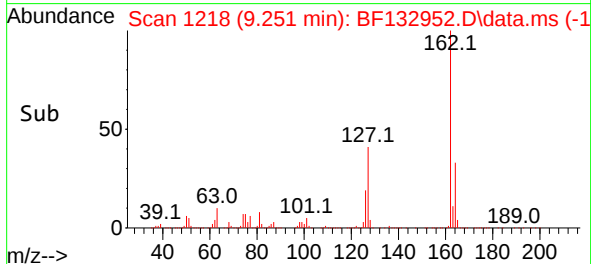
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



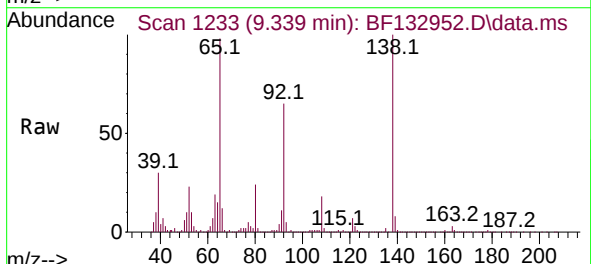
Tgt Ion: 162 Resp: 1966503
Ion Ratio Lower Upper
162 100
127 40.8 32.2 48.2
164 33.4 26.5 39.7

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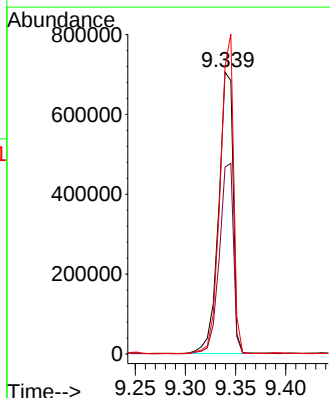
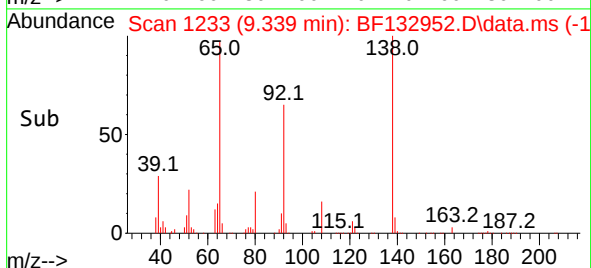
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

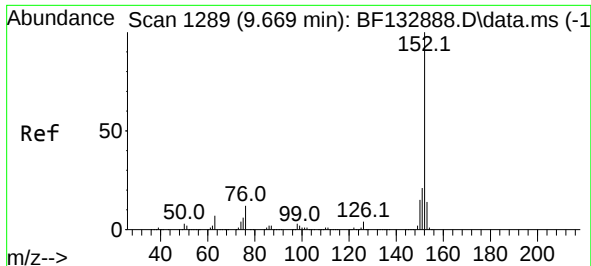


#48
2-Nitroaniline
Concen: 59.094 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



Tgt Ion: 65 Resp: 710162
Ion Ratio Lower Upper
65 100
92 66.3 53.5 80.3
138 102.1 84.8 127.2





#49

Acenaphthylene

Concen: 45.431 ng

RT: 9.663 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MS

Tgt Ion:152 Resp: 3010043

Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

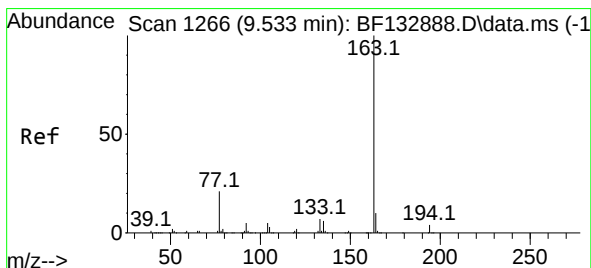
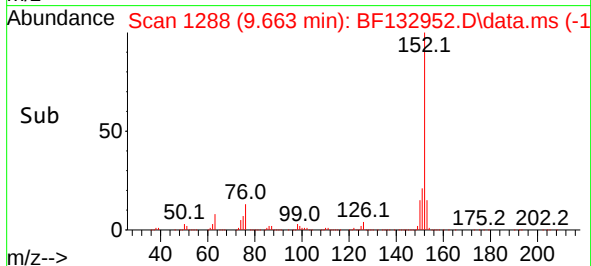
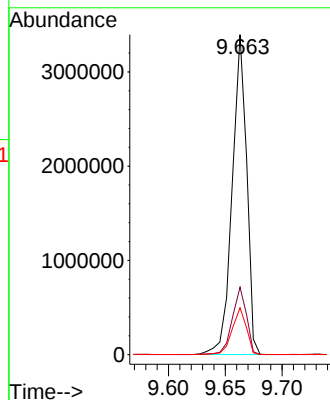
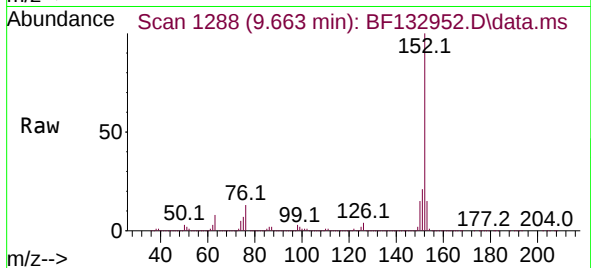
153 14.6 11.4 17.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#50

Dimethylphthalate

Concen: 47.439 ng

RT: 9.534 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

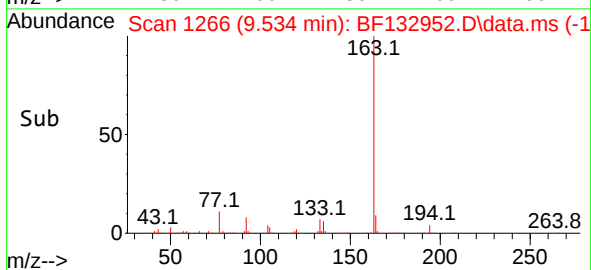
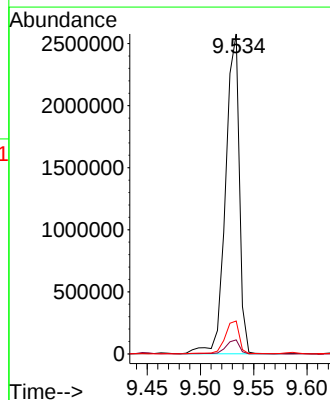
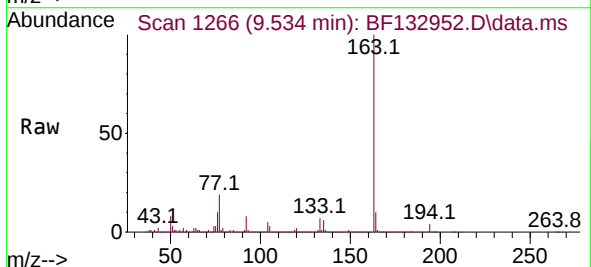
Tgt Ion:163 Resp: 2322444

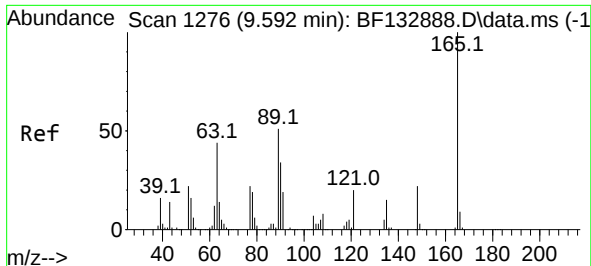
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 51.216 ng

RT: 9.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

Instrument :

BNA_F

ClientSampleId :

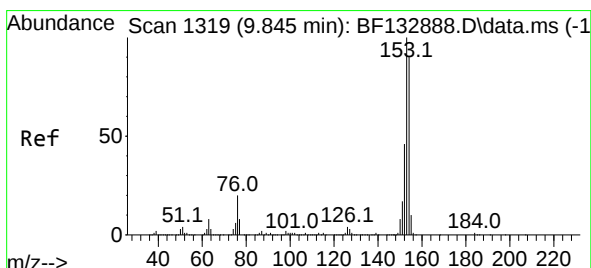
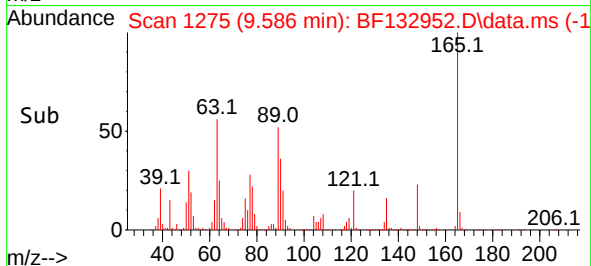
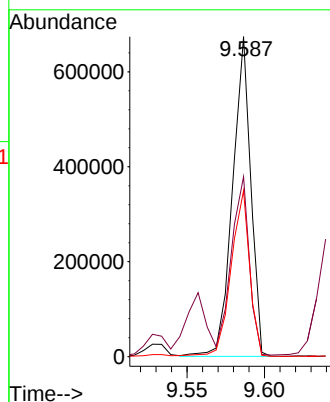
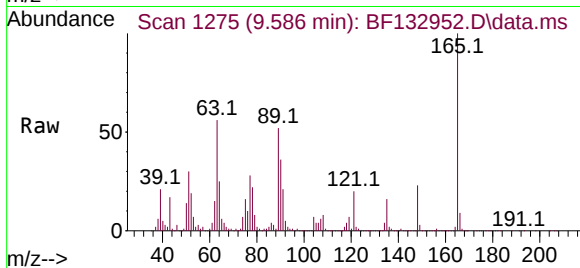
SPA-1WC-23-04MS

Tgt Ion:	165	Resp:	54973
Ion Ratio	Lower	Upper	
165	100		
63	56.2	42.6	63.8
89	51.9	41.0	61.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#52

Acenaphthene

Concen: 49.046 ng

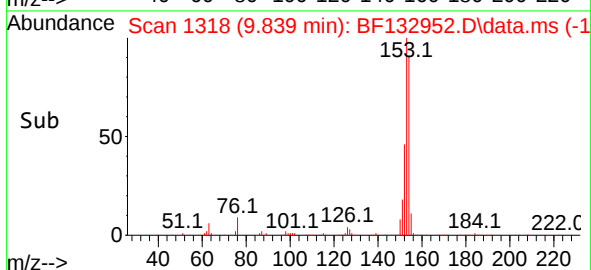
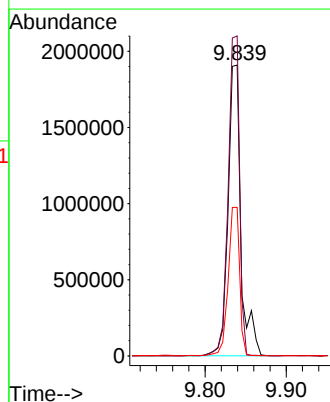
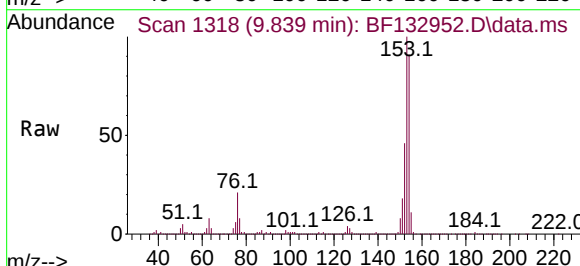
RT: 9.839 min Scan# 1318

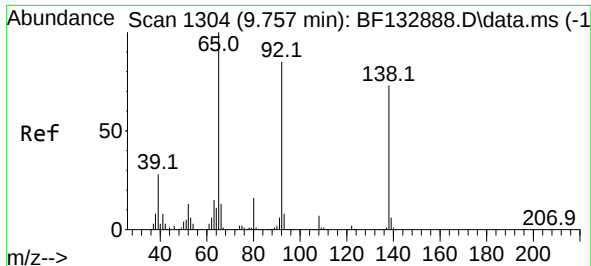
Delta R.T. 0.006 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

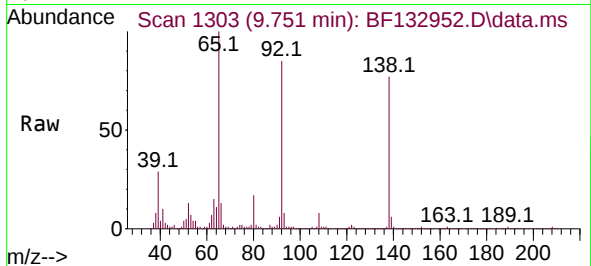
Tgt Ion:	154	Resp:	2094036
Ion Ratio	Lower	Upper	
154	100		
153	110.1	88.8	133.2
152	51.1	41.2	61.8





#53
3-Nitroaniline
Concen: 28.422 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

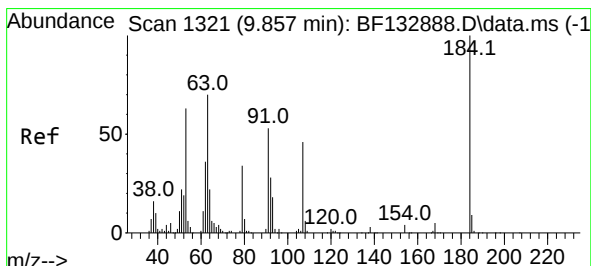
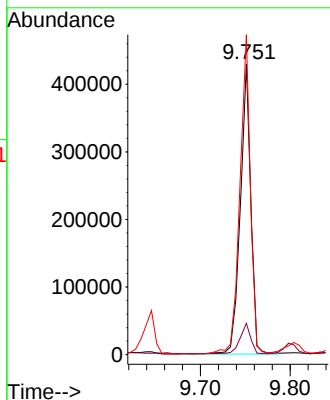
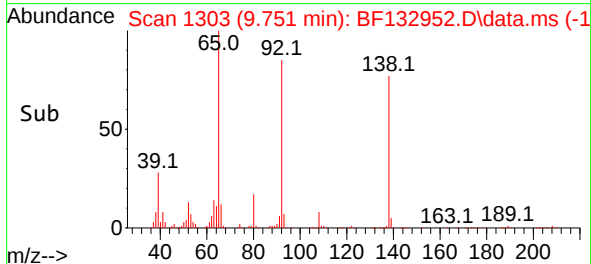
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:138 Resp: 347162
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.2
92 110.1 93.8 140.8

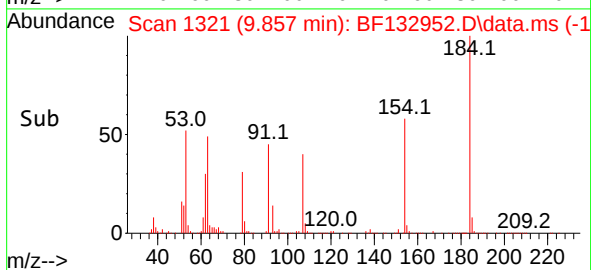
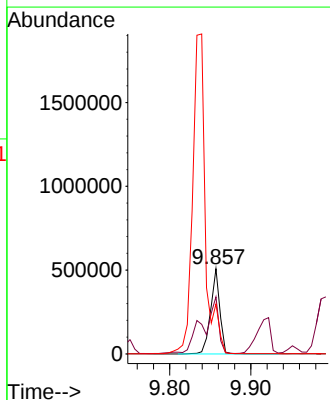
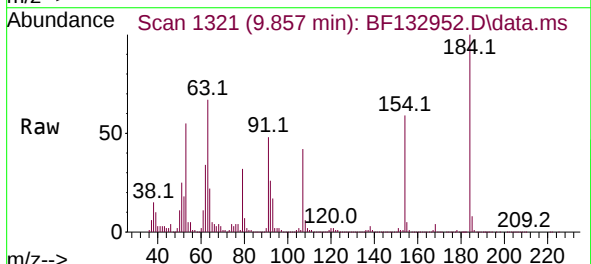
Manual Integrations
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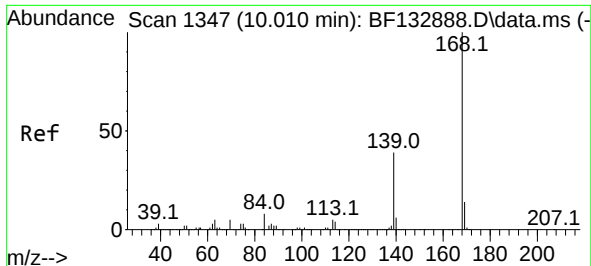
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#54
2,4-Dinitrophenol
Concen: 96.429 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

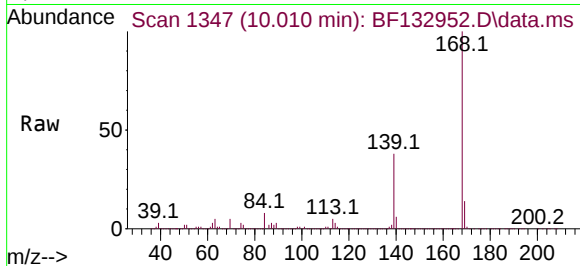
Tgt Ion:184 Resp: 403196
Ion Ratio Lower Upper
184 100
63 67.0 62.7 94.1
154 58.5 49.9 74.9





#55
Dibenzofuran
Concen: 44.832 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

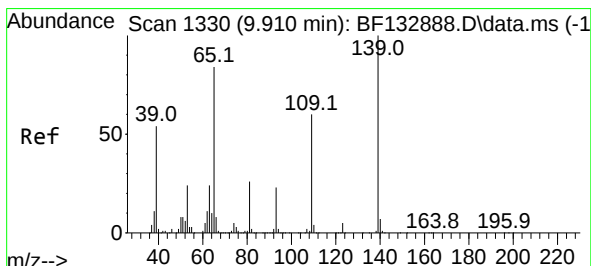
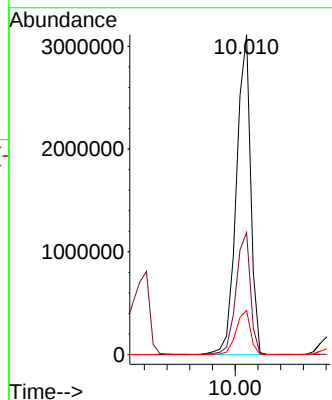
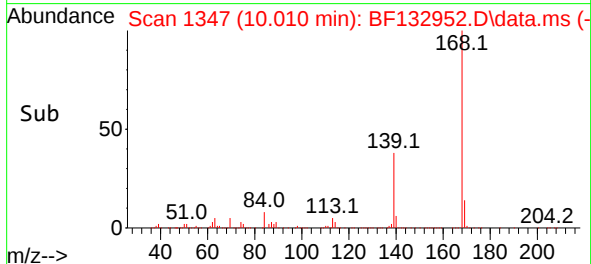
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:168 Resp: 2715697
Ion Ratio Lower Upper
168 100
139 38.2 31.4 47.0
169 13.8 11.2 16.8

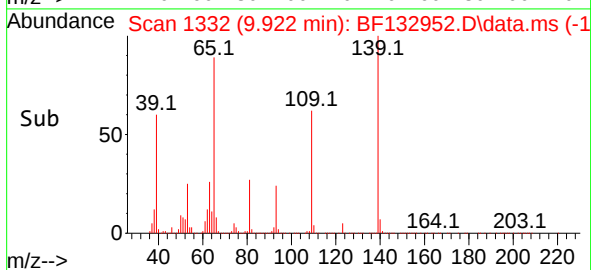
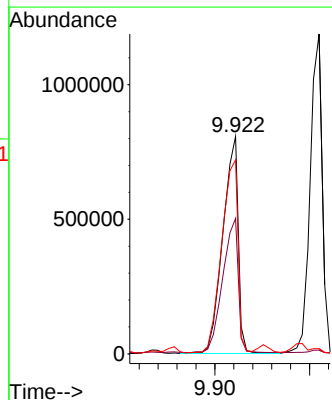
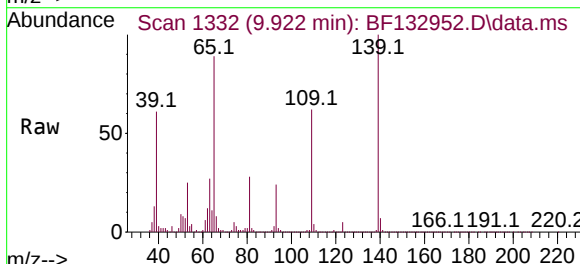
Manual Integrations
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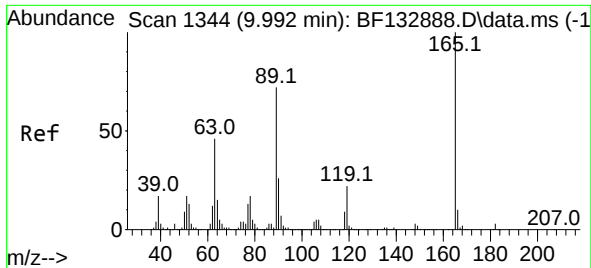
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#56
4-Nitrophenol
Concen: 99.842 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.018 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

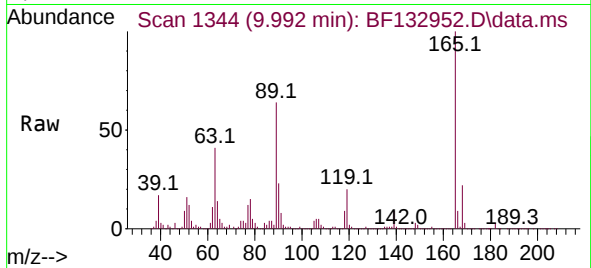
Tgt Ion:139 Resp: 905889
Ion Ratio Lower Upper
139 100
109 62.2 40.4 80.4
65 89.1 64.2 104.2





#57
2,4-Dinitrotoluene
Concen: 55.142 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

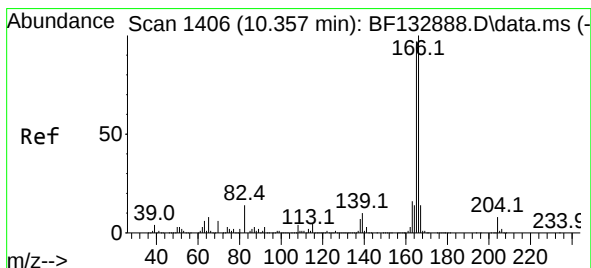
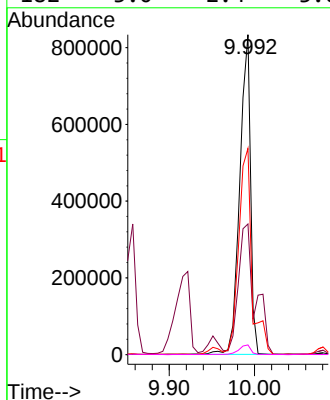
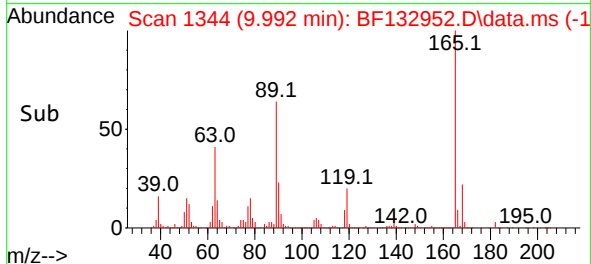
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:165 Resp: 730494
Ion Ratio Lower Upper
165 100
63 40.8 37.0 55.6
89 64.4 57.8 86.6
182 3.0 2.4 3.6

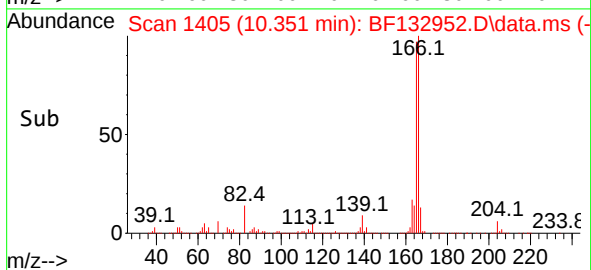
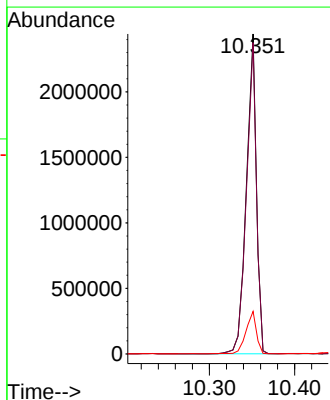
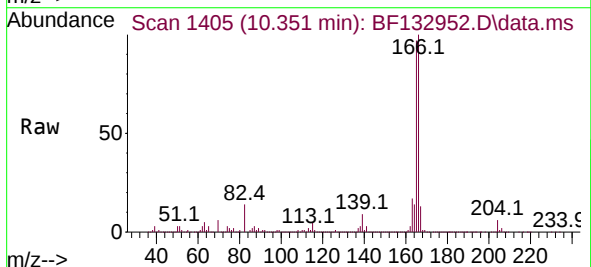
Manual Integrations
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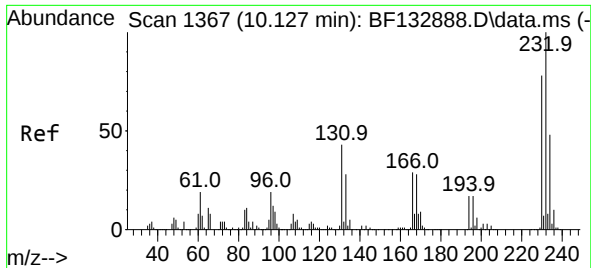
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#58
Fluorene
Concen: 44.937 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

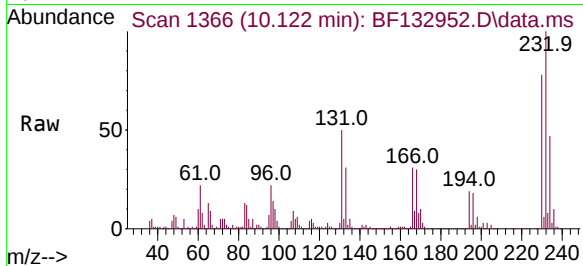
Tgt Ion:166 Resp: 1994016
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.689 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

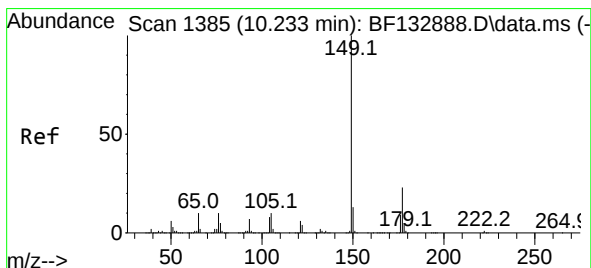
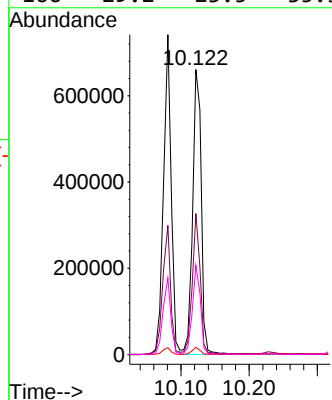
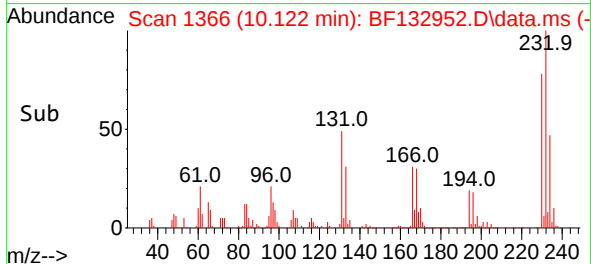
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



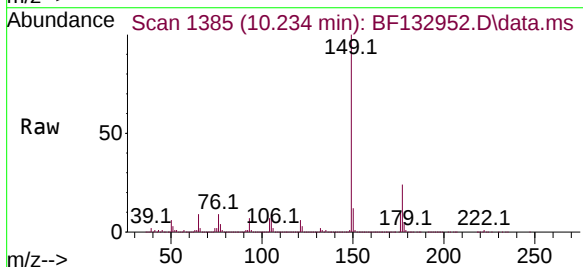
Tgt Ion:232 Resp: 584053
Ion Ratio Lower Upper
232 100
131 45.2 35.9 53.9
130 2.4 1.8 2.8
166 29.2 23.5 35.3

Manual Integrations
APPROVED

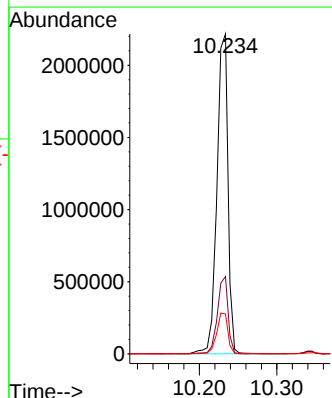
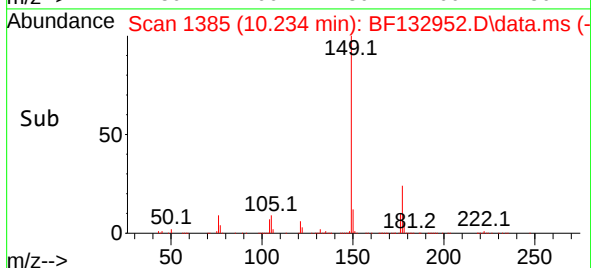
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

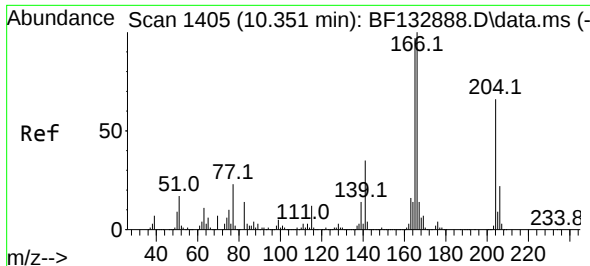


#60
Diethylphthalate
Concen: 47.961 ng
RT: 10.234 min Scan# 1385
Delta R.T. 0.012 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



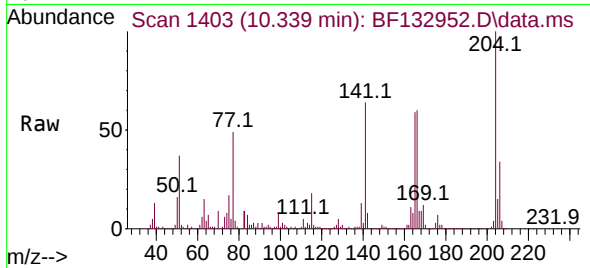
Tgt Ion:149 Resp: 2194077
Ion Ratio Lower Upper
149 100
177 24.2 18.5 27.7
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 43.785 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

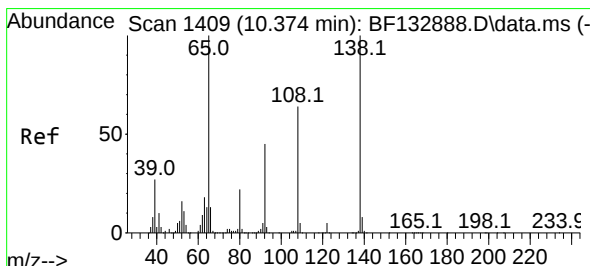
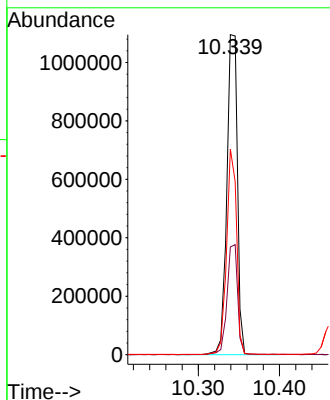
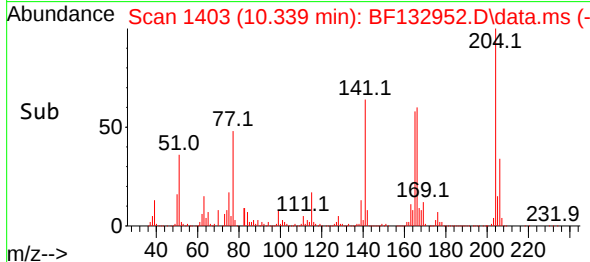
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



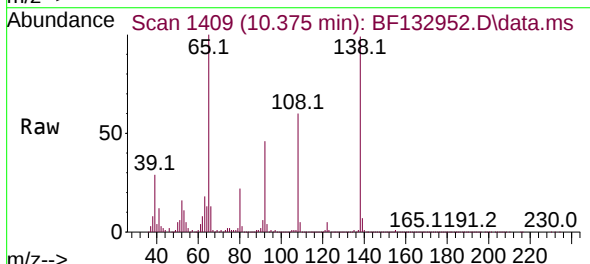
Tgt Ion:204 Resp: 988233
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 64.2 43.1 64.7

Manual Integrations
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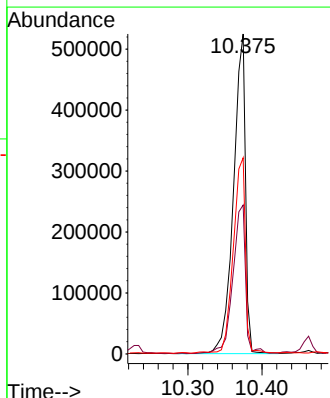
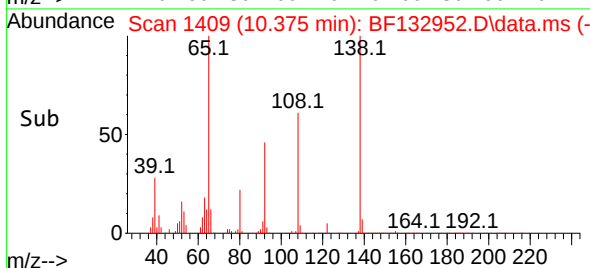
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

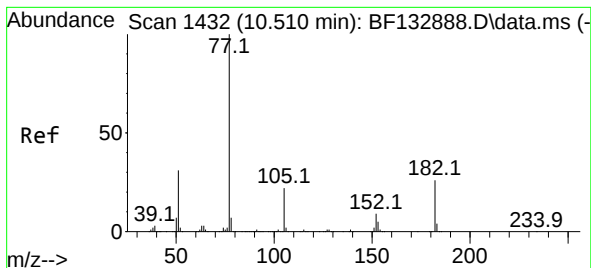


#62
4-Nitroaniline
Concen: 50.096 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



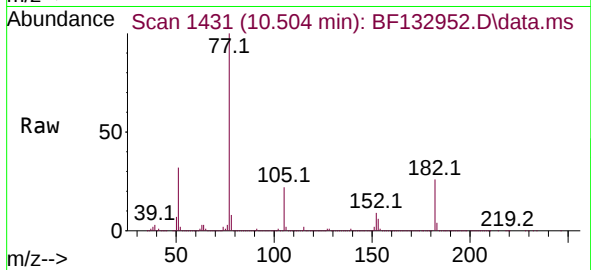
Tgt Ion:138 Resp: 588125
Ion Ratio Lower Upper
138 100
92 46.6 25.0 65.0
108 61.3 44.2 84.2





#63
Azobenzene
Concen: 49.411 ng
RT: 10.504 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

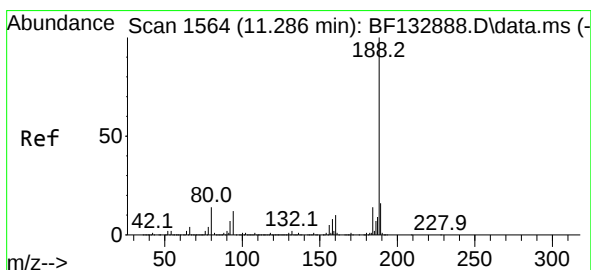
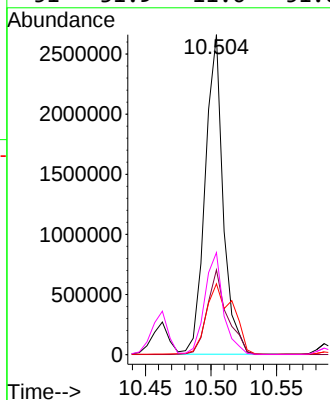
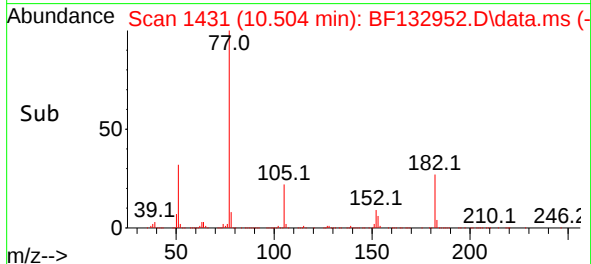
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion: 77 Resp: 2524942
Ion Ratio Lower Upper
77 100
182 26.5 6.0 46.0
105 22.1 1.6 41.6
51 31.9 11.6 51.6

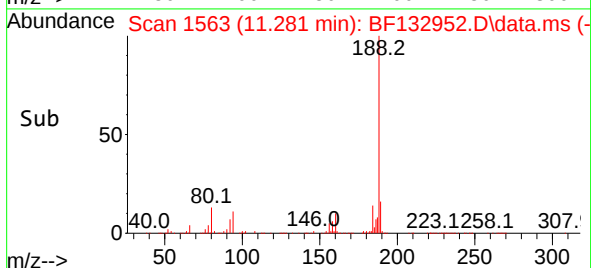
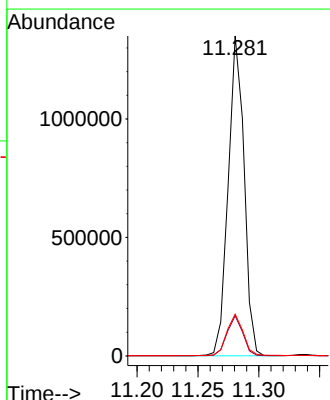
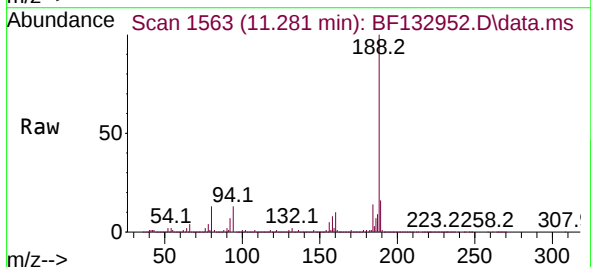
Manual Integrations
APPROVED

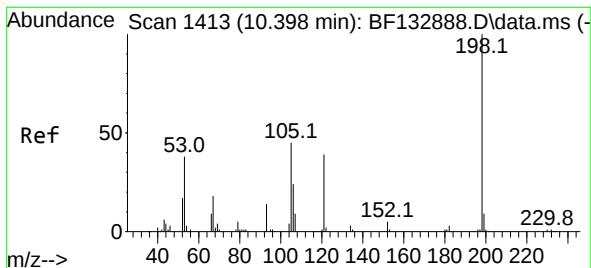
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

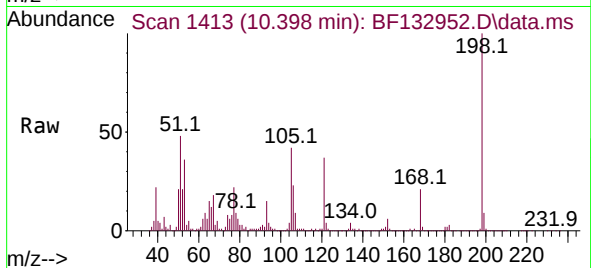
Tgt Ion:188 Resp: 1225488
Ion Ratio Lower Upper
188 100
94 12.5 9.9 14.9
80 13.0 10.8 16.2





#65
4,6-Dinitro-2-methylphenol
Concen: 54.531 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

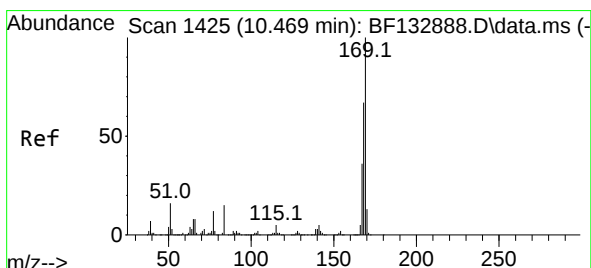
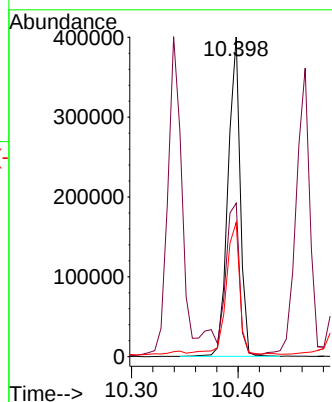
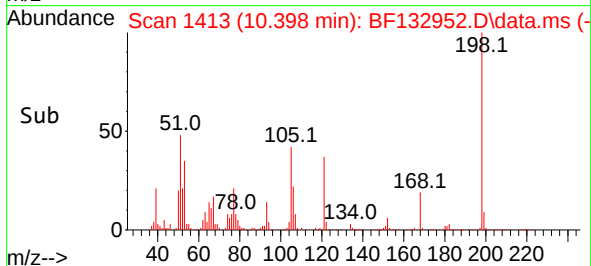
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



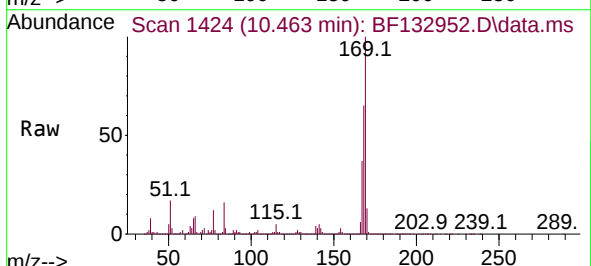
Tgt Ion:198 Resp: 320043
Ion Ratio Lower Upper
198 100
51 48.0 34.6 74.6
105 42.0 25.6 65.6

Manual Integrations
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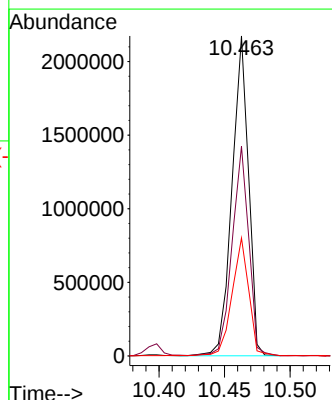
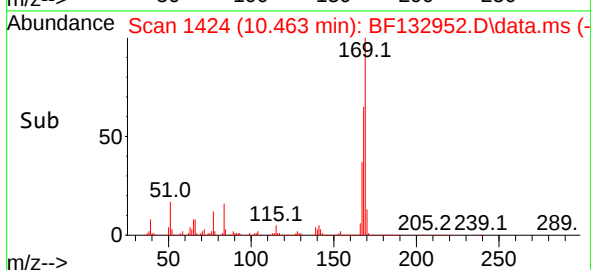
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

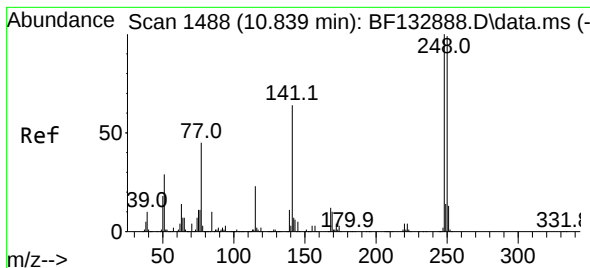


#66
n-Nitrosodiphenylamine
Concen: 47.660 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



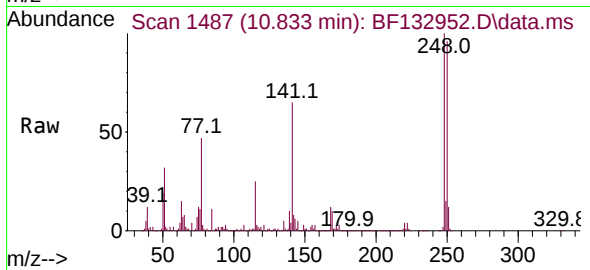
Tgt Ion:169 Resp: 1902203
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.0
167 36.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.506 ng
RT: 10.833 min Scan# 1488
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

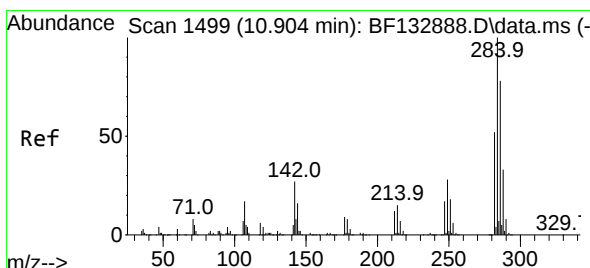
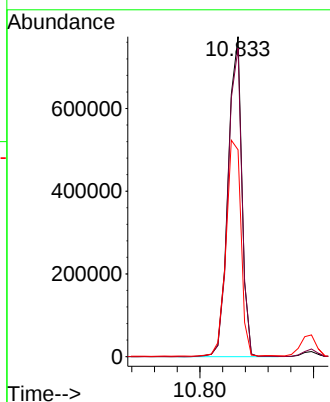
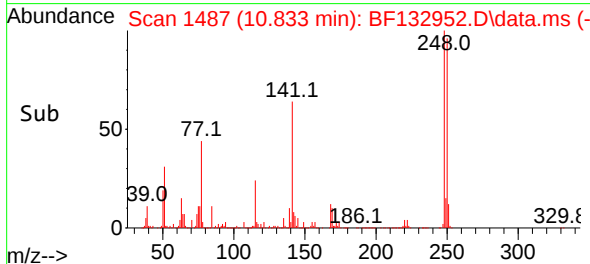
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



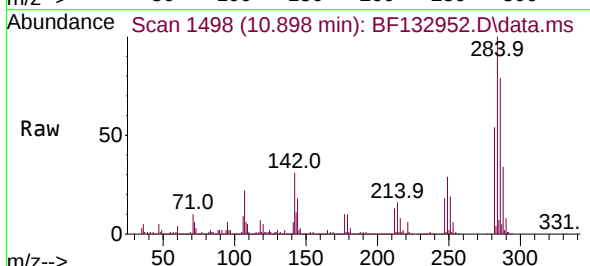
Tgt Ion:248 Resp: 650804
Ion Ratio Lower Upper
248 100
250 96.4 79.1 118.7
141 64.6 51.0 76.6

Manual Integrations
APPROVED

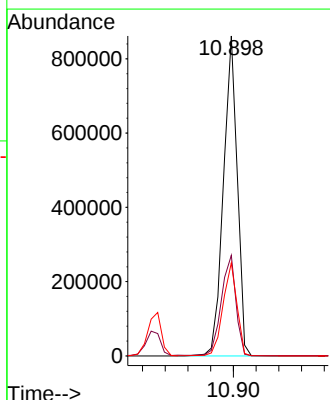
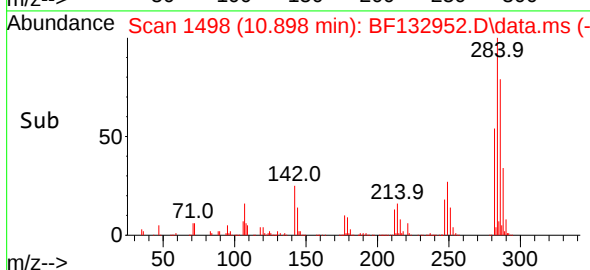
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

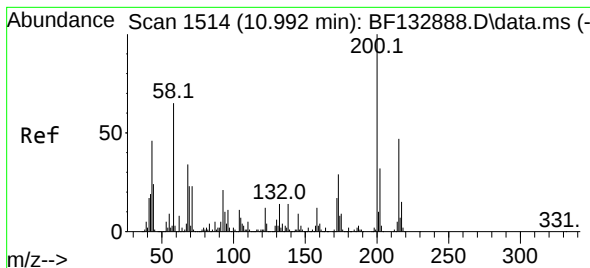


#68
Hexachlorobenzene
Concen: 50.022 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



Tgt Ion:284 Resp: 726236
Ion Ratio Lower Upper
284 100
142 31.4 22.0 33.0
249 29.1 22.6 34.0





#69

Atrazine

Concen: 54.030 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.006 min

Lab File: BF132952.D

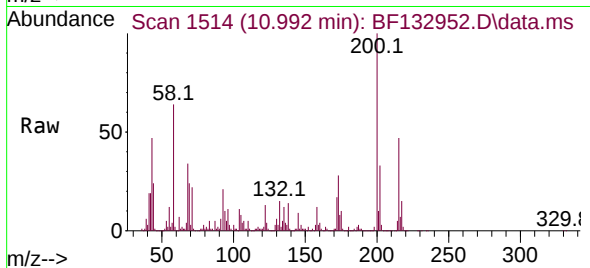
Acq: 20 Apr 2023 23:09

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MS



Tgt Ion:200 Resp: 602749

Ion Ratio Lower Upper

200 100

173 27.8 8.7 48.7

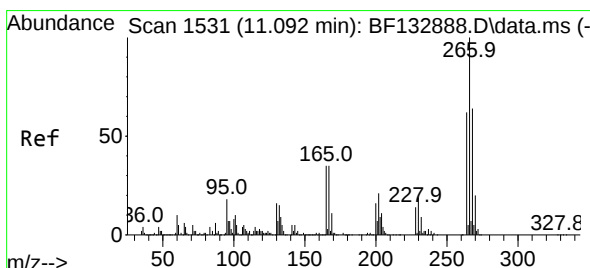
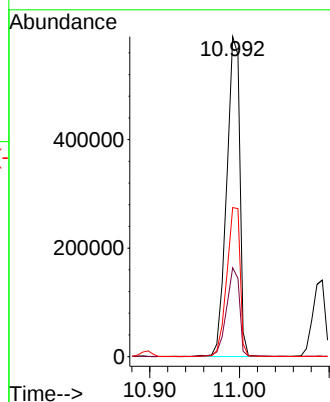
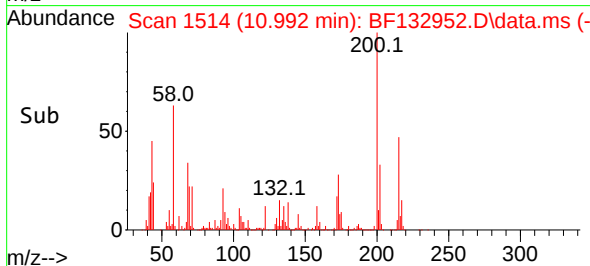
215 46.6 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#70

Pentachlorophenol

Concen: 88.205 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

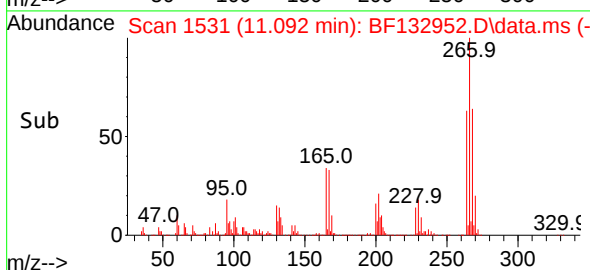
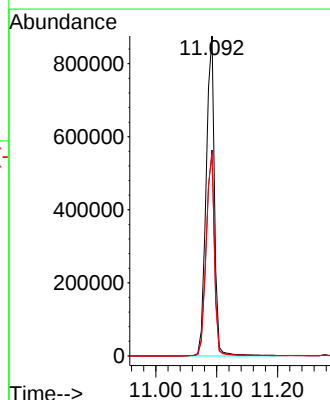
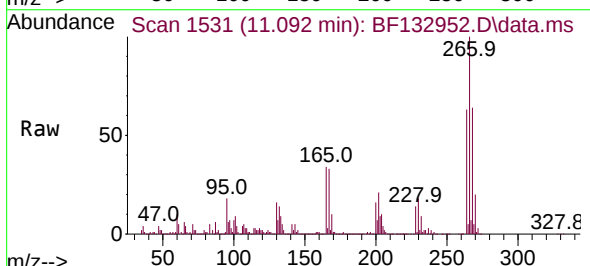
Tgt Ion:266 Resp: 826354

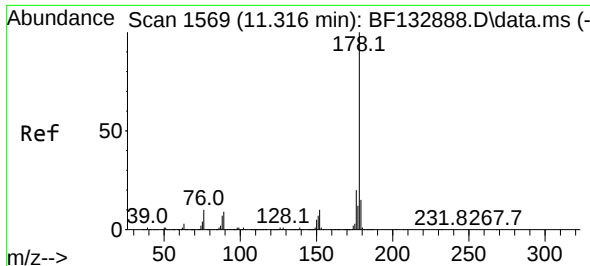
Ion Ratio Lower Upper

266 100

268 64.3 50.9 76.3

264 63.1 49.8 74.6





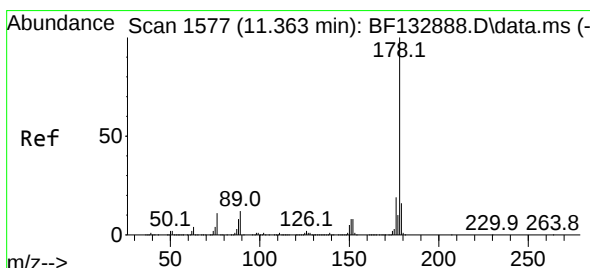
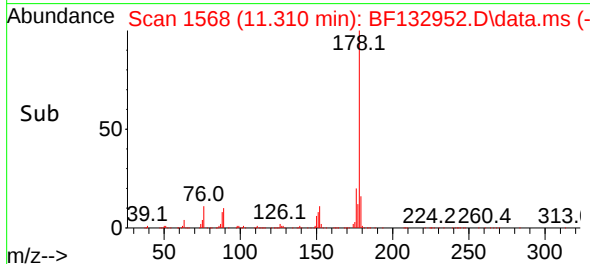
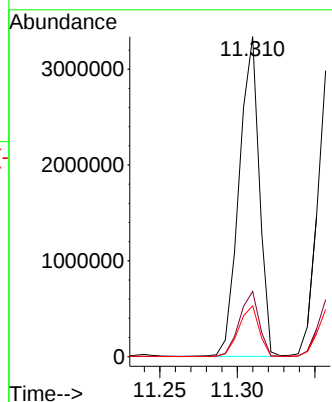
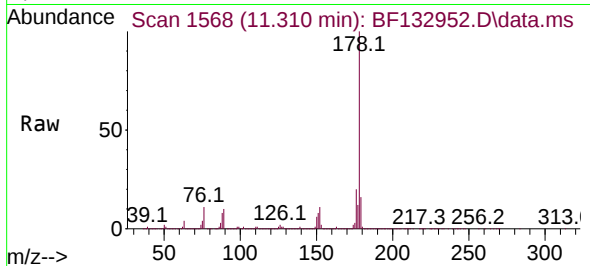
#71
Phenanthrene
Concen: 45.771 ng
RT: 11.310 min Scan# 1569
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS

Tgt Ion:178 Resp: 3017124
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 15.9 12.3 18.5

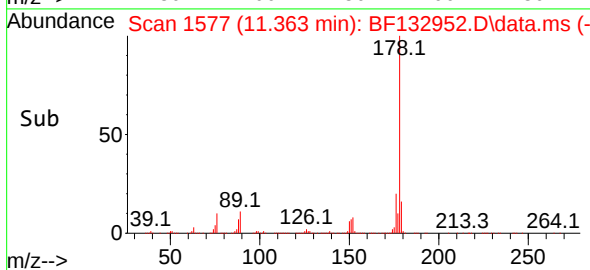
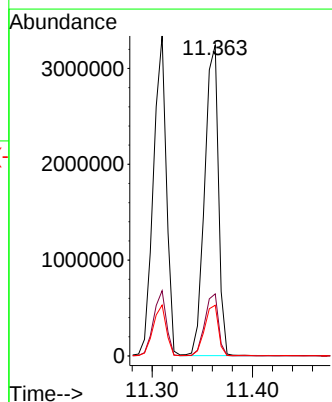
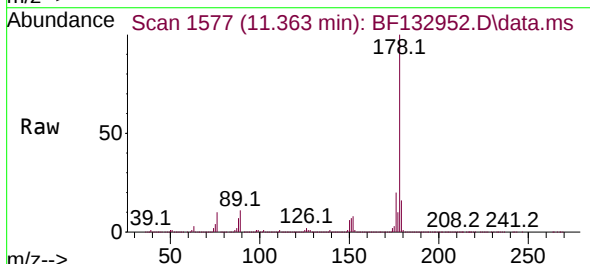
Manual Integrations
APPROVED

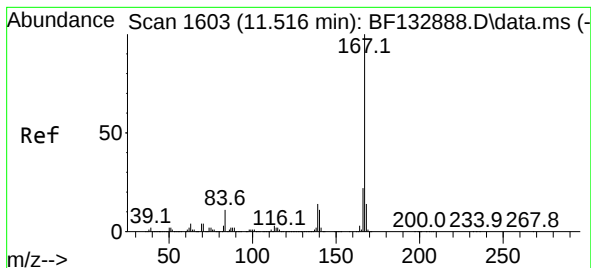
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#72
Anthracene
Concen: 45.691 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

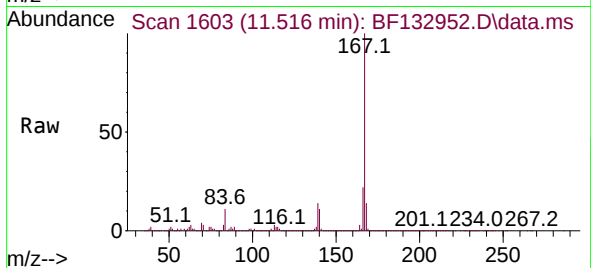
Tgt Ion:178 Resp: 3083183
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.3 12.8 19.2





#73
 Carbazole
 Concen: 47.742 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.006 min
 Lab File: BF132952.D
 Acq: 20 Apr 2023 23:09

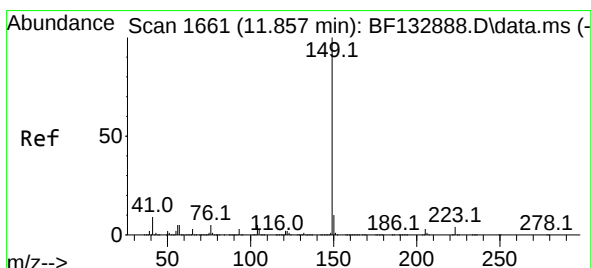
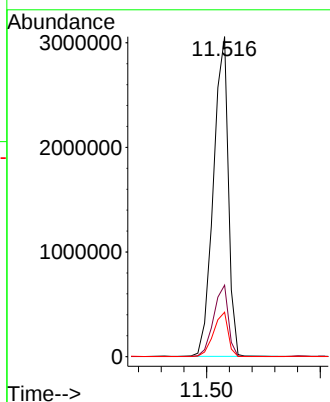
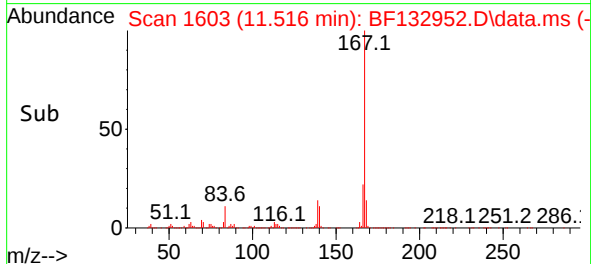
Instrument :
 BNA_F
 ClientSampleId :
 SPA-1WC-23-04MS



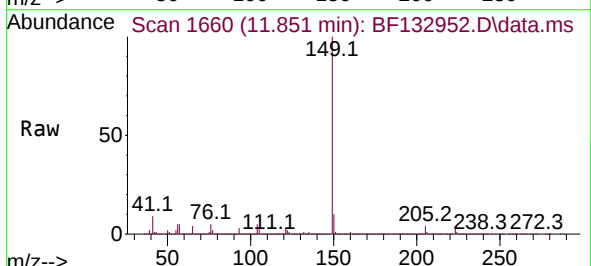
Tgt Ion:167 Resp: 2787525
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.2
 139 13.9 11.0 16.4

Manual Integrations
 APPROVED

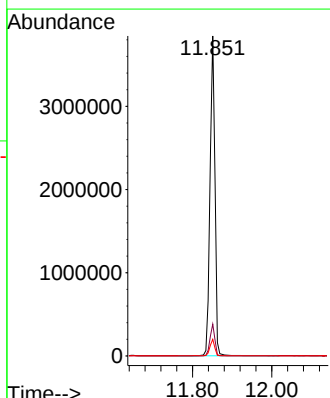
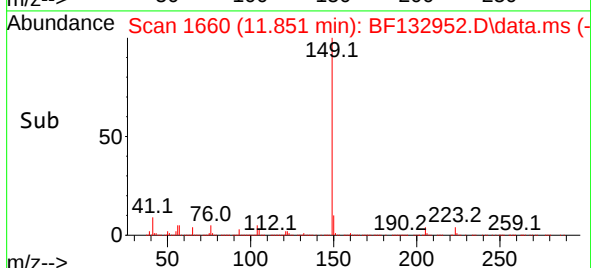
Reviewed By :Christian Giraldo 04/21/2023
 Supervised By :Jagrut Upadhyay 04/21/2023

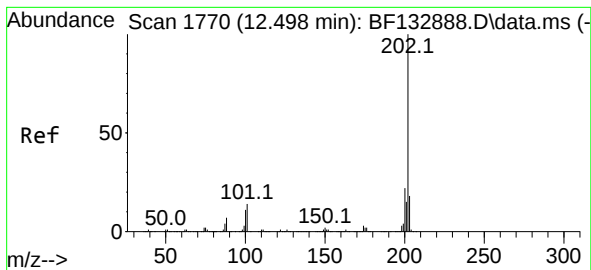


#74
 Di-n-butylphthalate
 Concen: 52.836 ng
 RT: 11.851 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: BF132952.D
 Acq: 20 Apr 2023 23:09



Tgt Ion:149 Resp: 3307021
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 47.498 ng

RT: 12.492 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MS

Tgt Ion:202 Resp: 311354

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.5

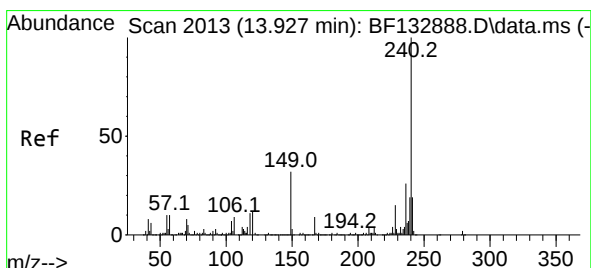
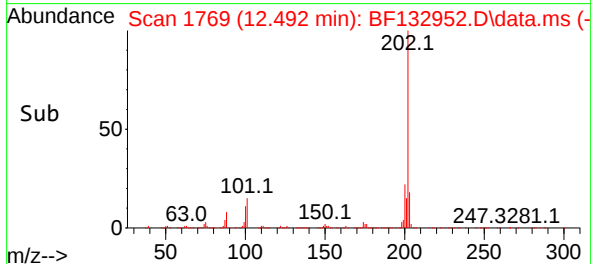
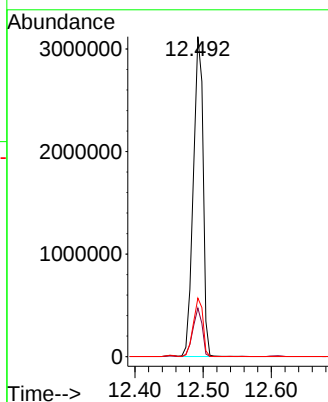
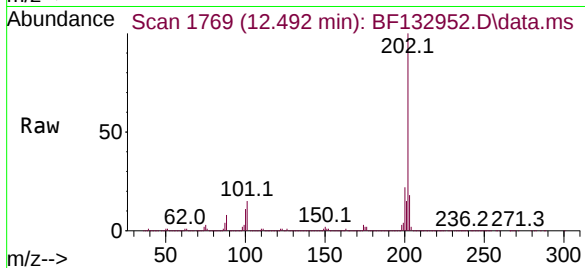
203 18.3 0.0 38.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.922 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

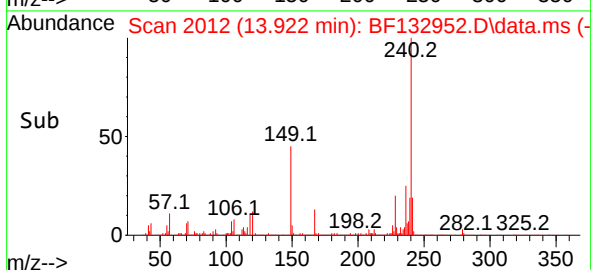
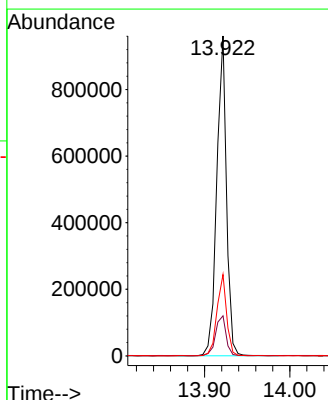
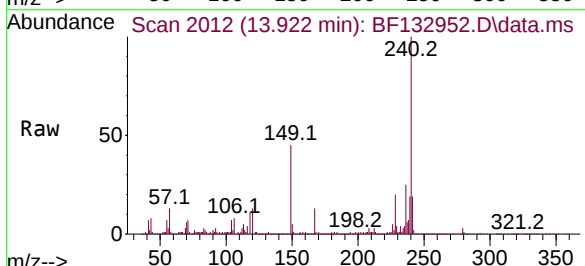
Tgt Ion:240 Resp: 757512

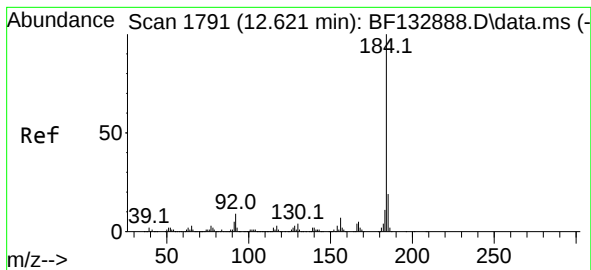
Ion Ratio Lower Upper

240 100

120 12.5 10.0 15.0

236 25.4 20.8 31.2





#77

Benzidine

Concen: 57.923 ng

RT: 12.610 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

Instrument :

BNA_F

ClientSampleId :

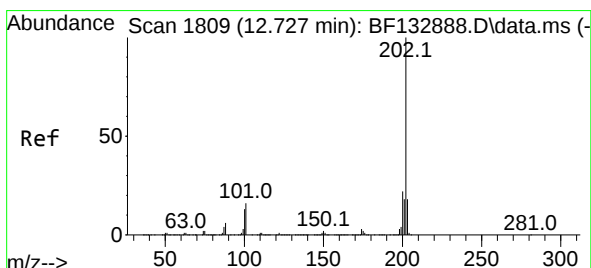
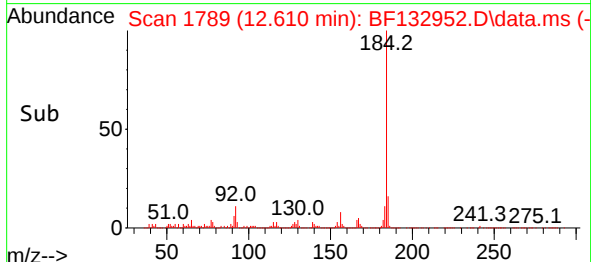
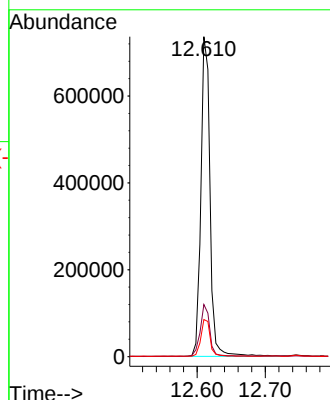
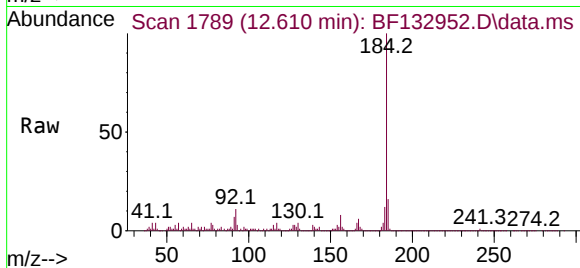
SPA-1WC-23-04MS

Tgt Ion:184 Resp: 683498
 Ion Ratio Lower Upper
 184 100
 185 16.3 14.9 22.3
 183 11.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023
 Supervised By :Jagrut Upadhyay 04/21/2023



#78

Pyrene

Concen: 50.608 ng

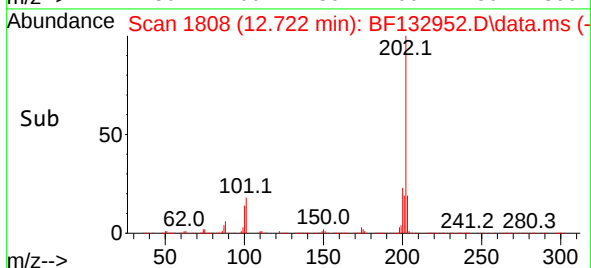
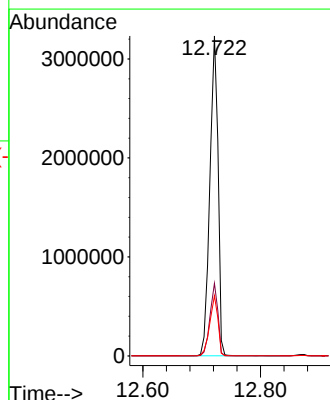
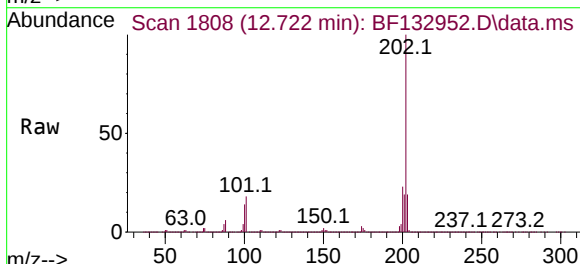
RT: 12.722 min Scan# 1808

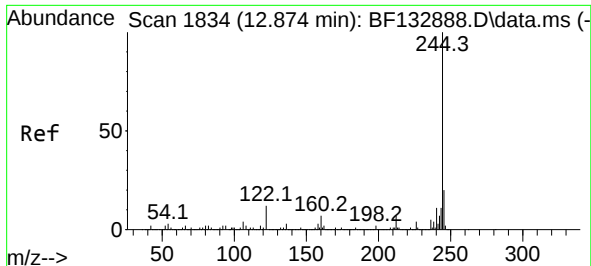
Delta R.T. 0.000 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

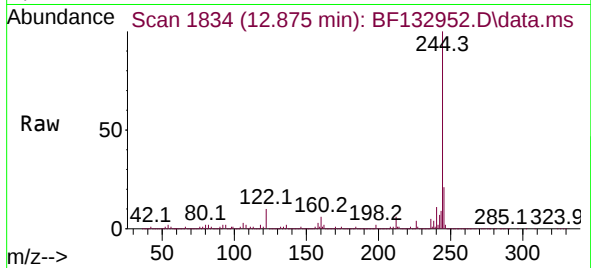
Tgt Ion:202 Resp: 3134732
 Ion Ratio Lower Upper
 202 100
 200 22.7 17.6 26.4
 203 18.8 14.6 22.0





#79
 Terphenyl-d14
 Concen: 96.291 ng
 RT: 12.875 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: BF132952.D
 Acq: 20 Apr 2023 23:09

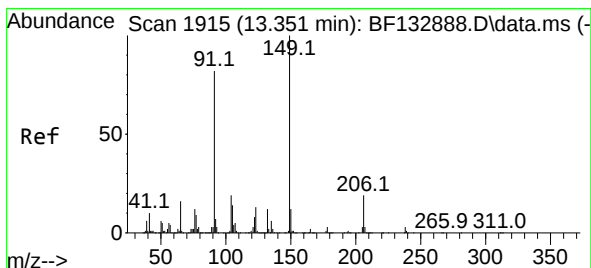
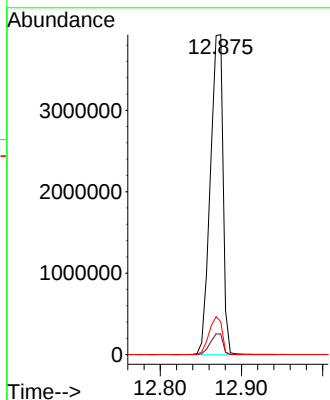
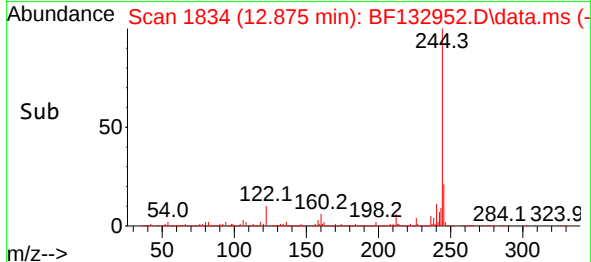
Instrument :
 BNA_F
 ClientSampleId :
 SPA-1WC-23-04MS



Tgt Ion:244 Resp: 4275398
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.3 9.6 14.4

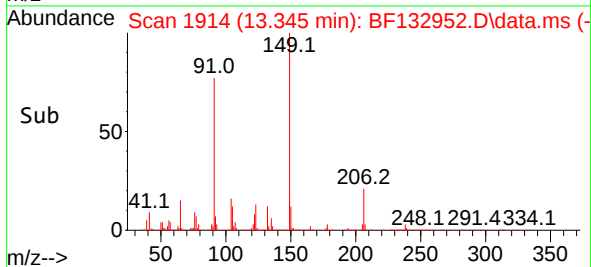
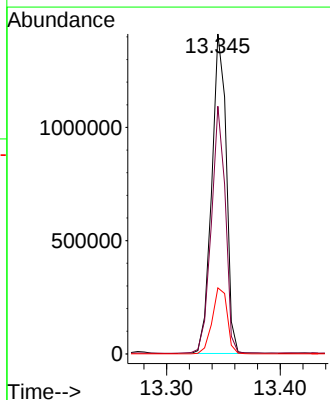
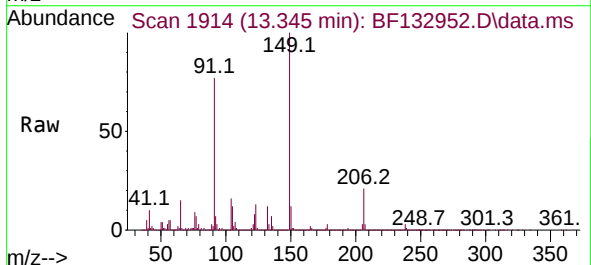
Manual Integrations
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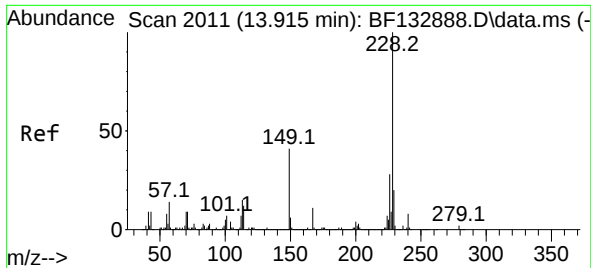
Reviewed By :Christian Giraldo 04/21/2023
 Supervised By :Jagrut Upadhyay 04/21/2023



#80
 Butylbenzylphthalate
 Concen: 80.393 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: BF132952.D
 Acq: 20 Apr 2023 23:09

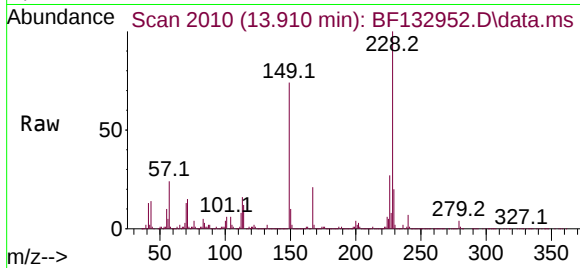
Tgt Ion:149 Resp: 1259674
 Ion Ratio Lower Upper
 149 100
 91 77.4 65.4 98.0
 206 20.6 15.6 23.4





#81
Benzo(a)anthracene
Concen: 48.816 ng
RT: 13.910 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

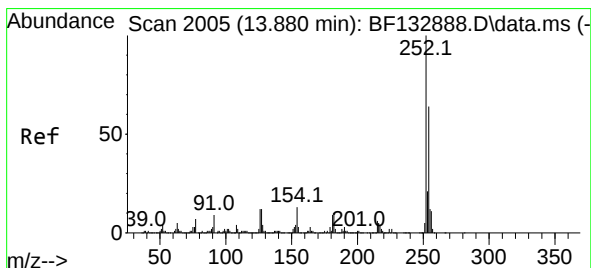
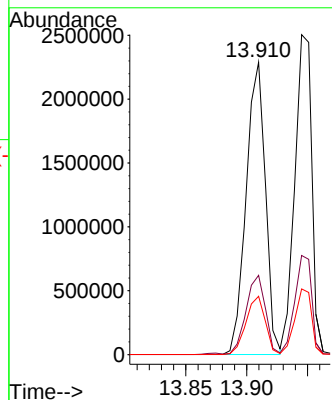
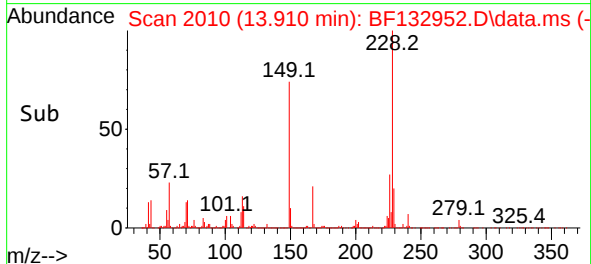
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:228 Resp: 2514845
Ion Ratio Lower Upper
228 100
226 27.1 22.4 33.6
229 20.0 16.2 24.2

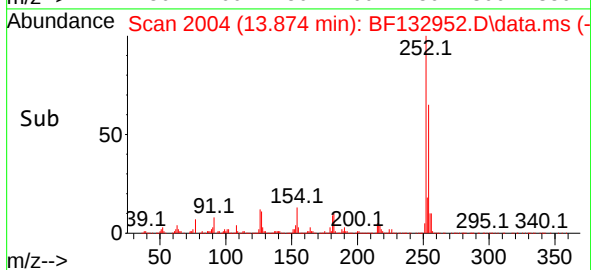
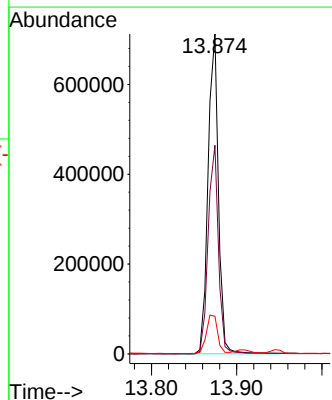
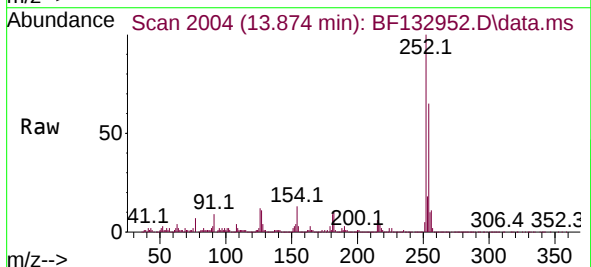
Manual Integrations
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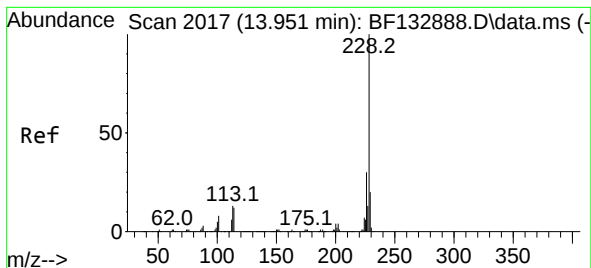
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#82
3,3'-Dichlorobenzidine
Concen: 48.285 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

Tgt Ion:252 Resp: 601705
Ion Ratio Lower Upper
252 100
254 65.2 51.0 76.6
126 11.8 9.8 14.6





#83

Chrysene

Concen: 47.845 ng

RT: 13.945 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MS

Tgt Ion:228 Resp: 2449858

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

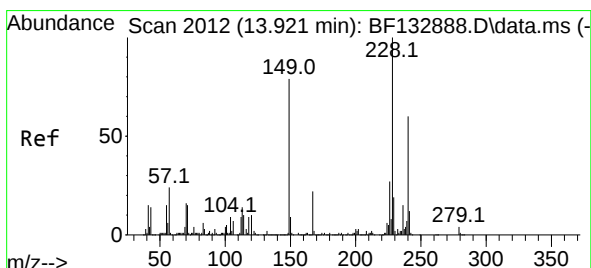
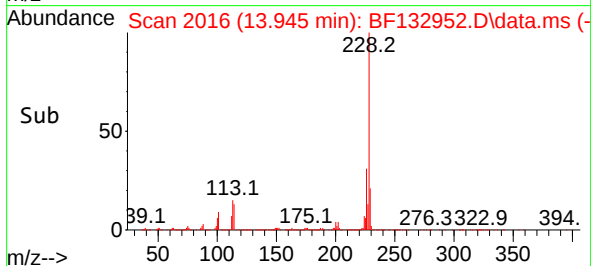
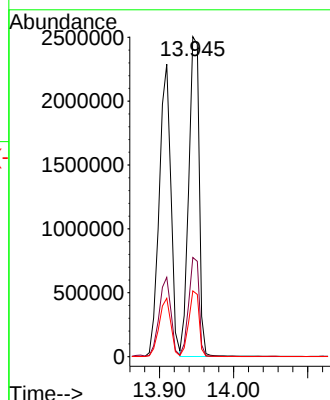
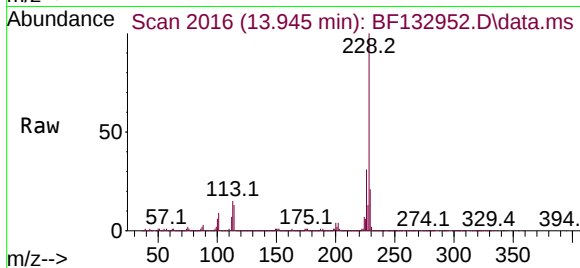
229 20.5 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 89.533 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

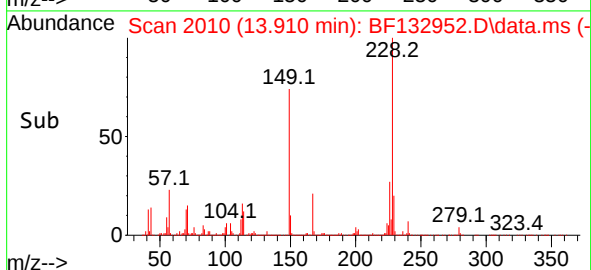
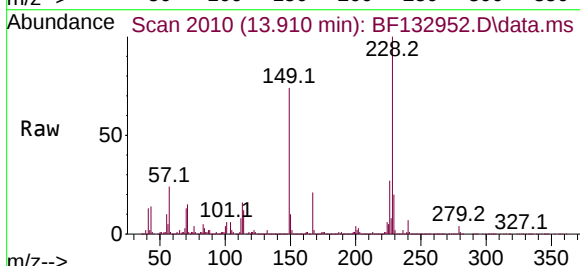
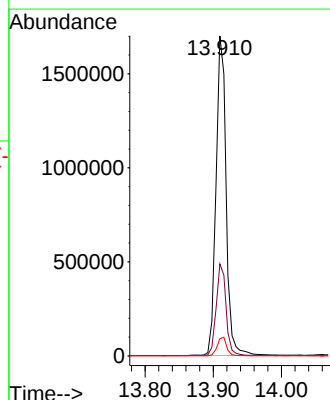
Tgt Ion:149 Resp: 1754246

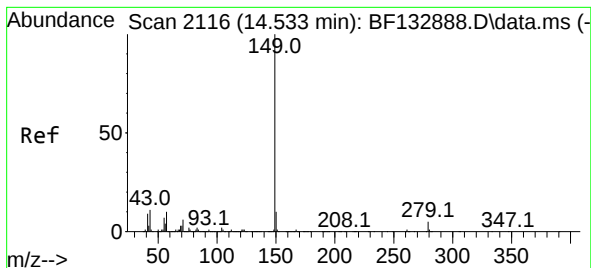
Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.4

279 5.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 60.429 ng

RT: 14.521 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MS

Tgt Ion:149 Resp: 2654660

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

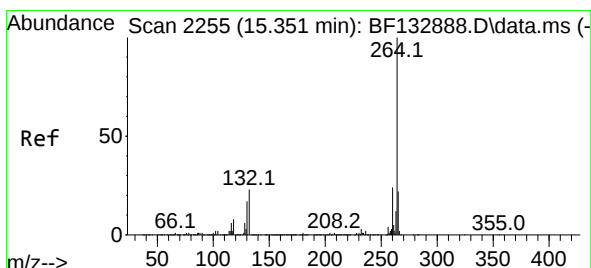
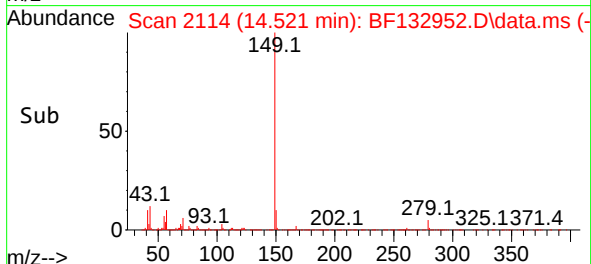
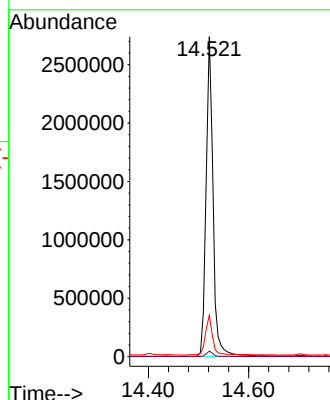
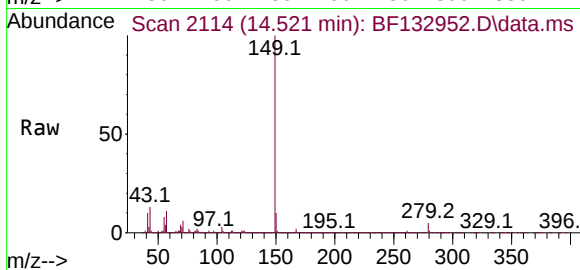
43 13.2 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.006 min

Lab File: BF132952.D

Acq: 20 Apr 2023 23:09

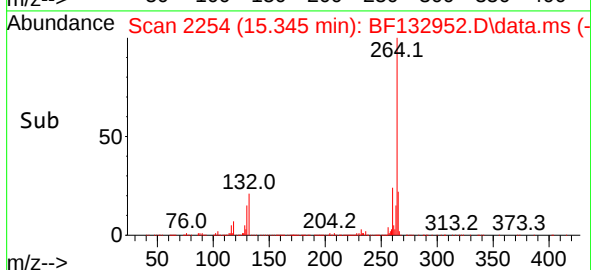
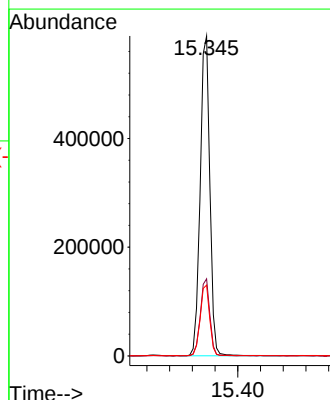
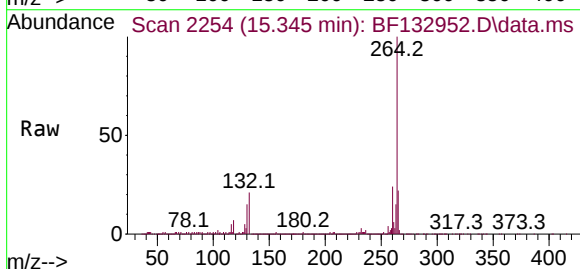
Tgt Ion:264 Resp: 687974

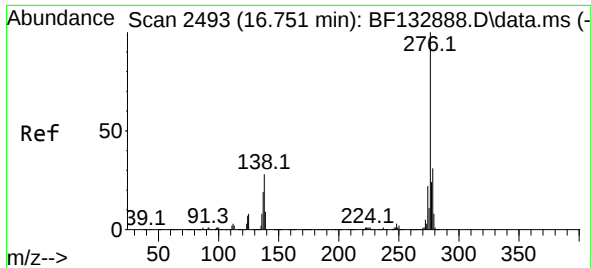
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

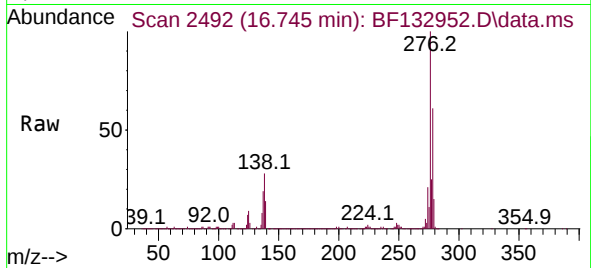
265 22.1 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 58.860 ng
RT: 16.745 min Scan# 2493
Delta R.T. 0.012 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

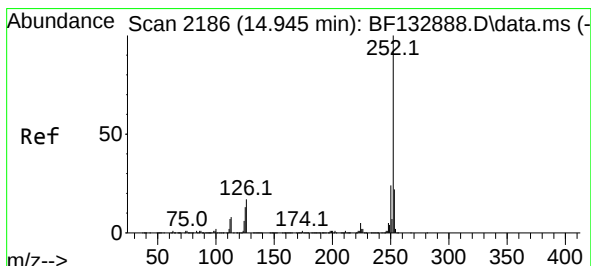
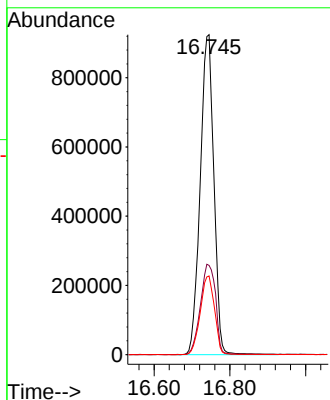
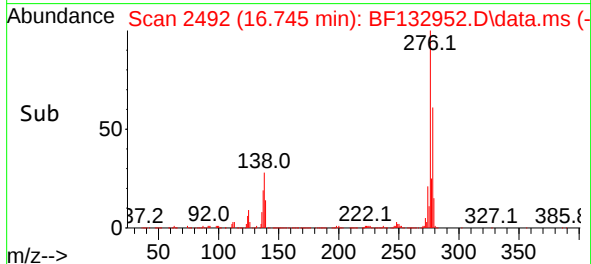
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:276 Resp: 231387
Ion Ratio Lower Upper
276 100
138 31.4 25.5 38.3
277 25.6 20.3 30.5

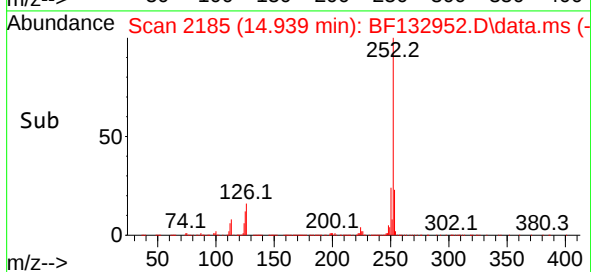
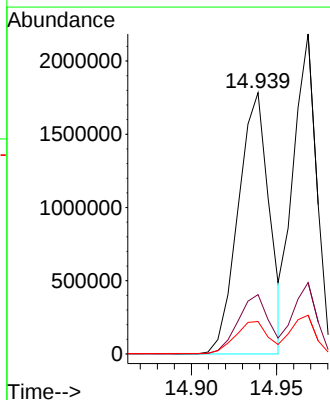
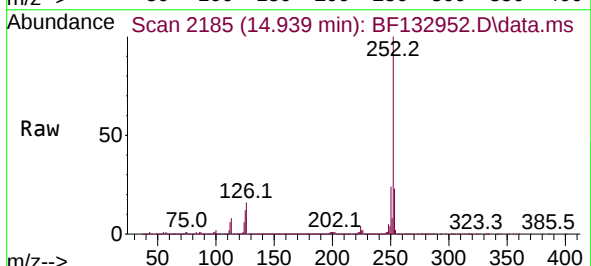
Manual Integrations
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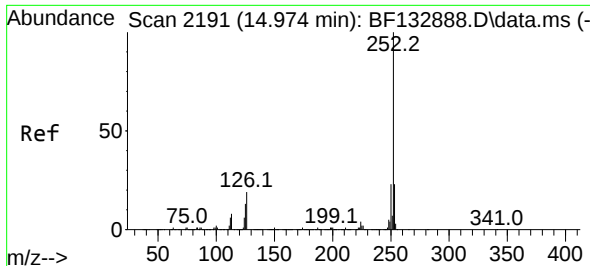
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#88
Benzo(b)fluoranthene
Concen: 52.823 ng
RT: 14.939 min Scan# 2185
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

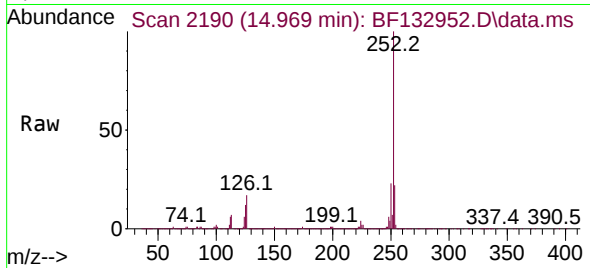
Tgt Ion:252 Resp: 2263686
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 12.4 10.0 15.0





#89
Benzo(k)fluoranthene
Concen: 49.169 ng
RT: 14.969 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

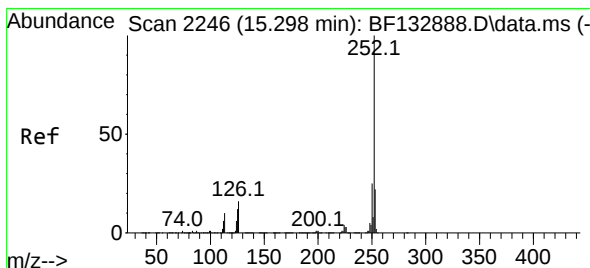
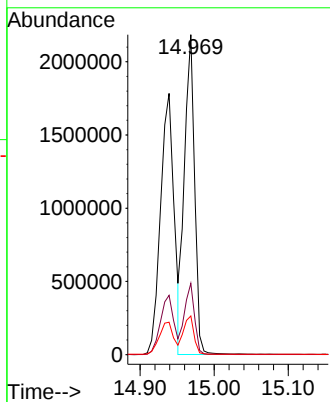
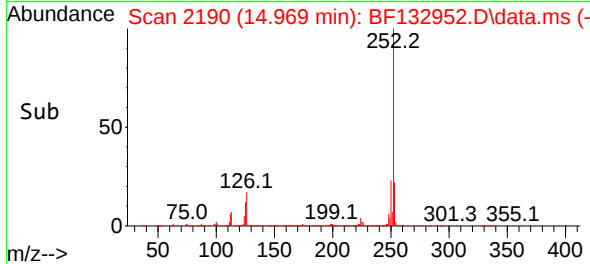
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



Tgt Ion:252 Resp: 2099019
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 12.1 10.0 15.0

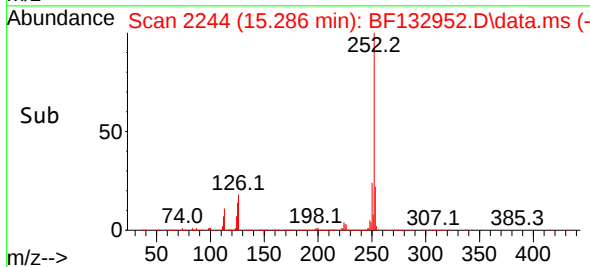
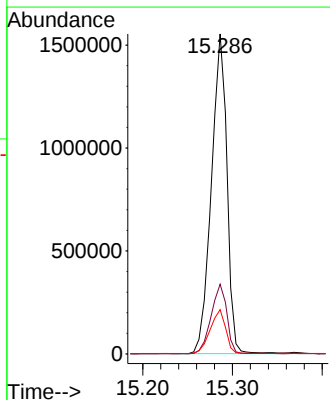
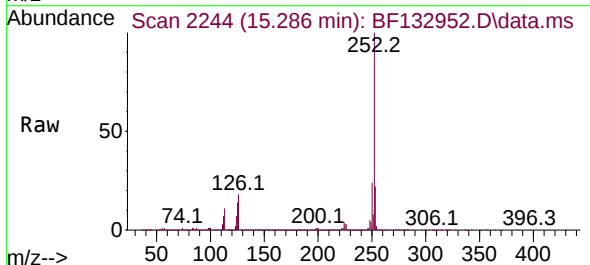
Manual Integrations
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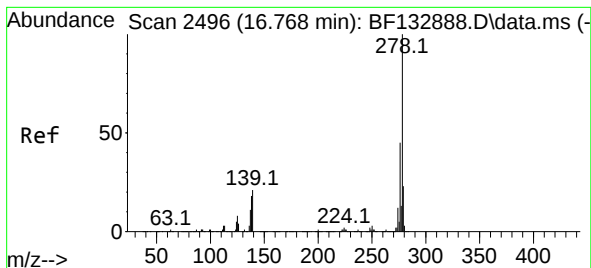
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#90
Benzo(a)pyrene
Concen: 47.749 ng
RT: 15.286 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

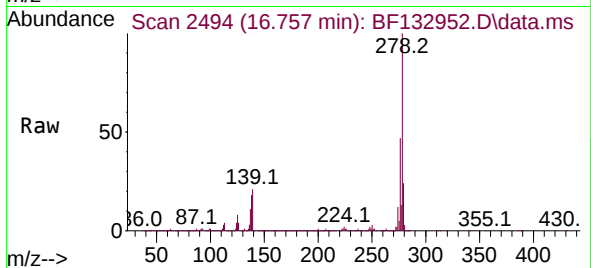
Tgt Ion:252 Resp: 1869417
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 13.8 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 57.063 ng
RT: 16.757 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09

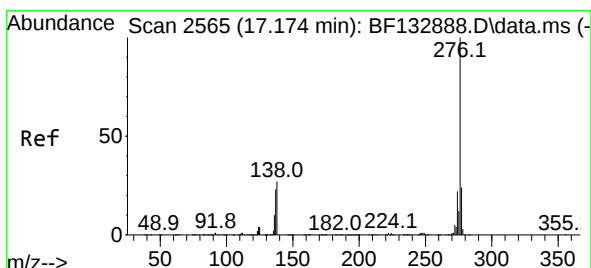
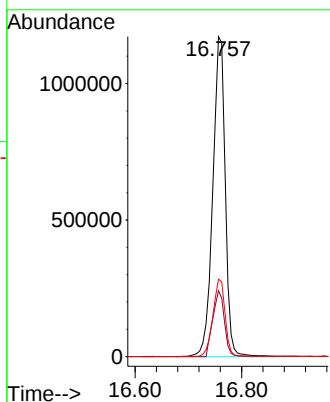
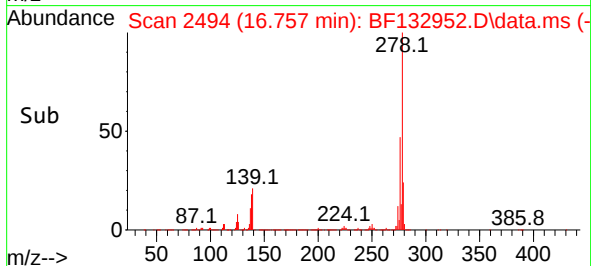
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MS



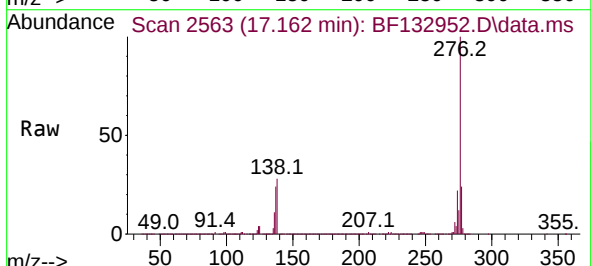
Tgt Ion: 278 Resp: 191137
Ion Ratio Lower Upper
278 100
139 20.6 16.7 25.1
279 24.2 18.4 27.6

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/21/2023
Supervised By : Jagrut Upadhyay 04/21/2023



#92
Benzo(g,h,i)perylene
Concen: 59.967 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.006 min
Lab File: BF132952.D
Acq: 20 Apr 2023 23:09



Tgt Ion: 276 Resp: 1923192
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 28.2 21.7 32.5

