

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132953.D
 Acq On : 20 Apr 2023 23:39
 Operator : CG\JU
 Sample : 02386-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 02:19:12 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	350403	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1441945	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	709285	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1250815	20.000	ng	0.00
76) Chrysene-d12	13.921	240	769100	20.000	ng	0.00
86) Perylene-d12	15.345	264	709099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2948000	131.554	ng	0.03
7) Phenol-d6	6.398	99	3588483	125.494	ng	0.00
23) Nitrobenzene-d5	7.328	82	2476949	89.539	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	1066523	149.915	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	3896037	84.383	ng	0.00
79) Terphenyl-d14	12.874	244	4304729	95.491	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	454190	41.537	ng	97
3) Pyridine	3.357	79	995899	33.302	ng	98
4) n-Nitrosodimethylamine	3.281	42	687798	48.403	ng	98
6) Aniline	6.422	93	904653	23.856	ng	99
8) 2-Chlorophenol	6.545	128	1177588	51.799	ng	99
9) Benzaldehyde	6.304	77	560771	33.145	ng	94
10) Phenol	6.410	94	1377875	42.855	ng	97
11) bis(2-Chloroethyl)ether	6.498	93	1177831	48.507	ng	96
12) 1,3-Dichlorobenzene	6.698	146	1198046	47.945	ng	98
13) 1,4-Dichlorobenzene	6.775	146	1294444	51.699	ng	98
14) 1,2-Dichlorobenzene	6.928	146	1262826	54.018	ng	100
15) Benzyl Alcohol	6.904	79	1089660	55.604	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	2108613	50.187	ng	99
17) 2-Methylphenol	7.022	107	991641	47.624	ng	98
18) Hexachloroethane	7.269	117	423754	48.767	ng	98
19) n-Nitroso-di-n-propyla...	7.186	70	897172	50.266	ng	98
20) 3+4-Methylphenols	7.175	107	1159556	47.115	ng	92
22) Acetophenone	7.175	105	1647070	48.692	ng	# 95
24) Nitrobenzene	7.345	77	1292593	45.587	ng	98
25) Isophorone	7.586	82	2480810	47.278	ng	100
26) 2-Nitrophenol	7.663	139	646847	60.473	ng	99
27) 2,4-Dimethylphenol	7.704	122	1190128	54.544	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	1461791	46.594	ng	97
29) 2,4-Dichlorophenol	7.904	162	988108	48.653	ng	97
30) 1,2,4-Trichlorobenzene	7.986	180	1040763	47.461	ng	98
31) Naphthalene	8.069	128	3499396	48.024	ng	100
32) Benzoic acid	7.828	122	693309	63.364	ng	# 80
33) 4-Chloroaniline	8.116	127	459108	15.383	ng	97
34) Hexachlorobutadiene	8.186	225	553944	44.156	ng	99
35) Caprolactam	8.510	113	346618m	57.311	ng	
36) 4-Chloro-3-methylphenol	8.598	107	1084687	50.884	ng	99
37) 2-Methylnaphthalene	8.757	142	2244187	44.746	ng	100
38) 1-Methylnaphthalene	8.857	142	2076677	44.438	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	914321	45.575	ng	99
41) Hexachlorocyclopentadiene	8.916	237	1065440	100.758	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	681008	53.549	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	695628	46.778	ng	97
46) 1,1'-Biphenyl	9.227	154	2644308	47.028	ng	99
47) 2-Chloronaphthalene	9.251	162	1989599	47.816	ng	99
48) 2-Nitroaniline	9.345	65	714187	59.331	ng	91
49) Acenaphthylene	9.663	152	3054473	46.025	ng	98
50) Dimethylphthalate	9.533	163	2282480	46.546	ng	99
51) 2,6-Dinitrotoluene	9.586	165	561504	52.226	ng	93
52) Acenaphthene	9.839	154	2198887	51.417	ng	99
53) 3-Nitroaniline	9.751	138	356150	29.110	ng	94
54) 2,4-Dinitrophenol	9.857	184	549333	131.162	ng	94
55) Dibenzofuran	10.010	168	2759823	45.485	ng	100
56) 4-Nitrophenol	9.922	139	936744	103.072	ng	96
57) 2,4-Dinitrotoluene	9.992	165	738652	55.666	ng	92
58) Fluorene	10.351	166	2014325	45.320	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	586856	50.848	ng	99
60) Diethylphthalate	10.233	149	2235887	48.794	ng	99
61) 4-Chlorophenyl-phenylether	10.339	204	1026698	45.415	ng	93
62) 4-Nitroaniline	10.374	138	590603	50.224	ng	97
63) Azobenzene	10.504	77	2526708	49.364	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	384629	64.209	ng	96
66) n-Nitrosodiphenylamine	10.463	169	1932085	47.428	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	663033	46.421	ng	99
68) Hexachlorobenzene	10.898	284	732987	49.465	ng	96
69) Atrazine	10.992	200	606337	53.251	ng	99
70) Pentachlorophenol	11.092	266	895150	93.614	ng	100
71) Phenanthrene	11.310	178	3066679	45.581	ng	98
72) Anthracene	11.363	178	3109005	45.141	ng	98
73) Carbazole	11.516	167	2813491	47.211	ng	99
74) Di-n-butylphthalate	11.851	149	3331525	52.149	ng	100
75) Fluoranthene	12.492	202	3134788	46.853	ng	99
77) Benzidine	12.610	184	683351	57.038	ng	96
78) Pyrene	12.721	202	3214674	51.117	ng	100
80) Butylbenzylphthalate	13.345	149	1316213	82.586	ng	94
81) Benzo(a)anthracene	13.910	228	2550292	48.758	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	678825	53.653	ng	99
83) Chrysene	13.945	228	2483133	47.764	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	1813237	91.150	ng	99
85) Di-n-octyl phthalate	14.521	149	2700939	60.543	ng	96
87) Indeno(1,2,3-cd)pyrene	16.739	276	2380444	58.750	ng	99
88) Benzo(b)fluoranthene	14.939	252	2309324	52.283	ng	100
89) Benzo(k)fluoranthene	14.968	252	2151978	48.908	ng	99
90) Benzo(a)pyrene	15.286	252	1918896	47.552	ng	98
91) Dibenzo(a,h)anthracene	16.762	278	1973205	57.154	ng	97
92) Benzo(g,h,i)perylene	17.162	276	1987800	60.135	ng	99

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

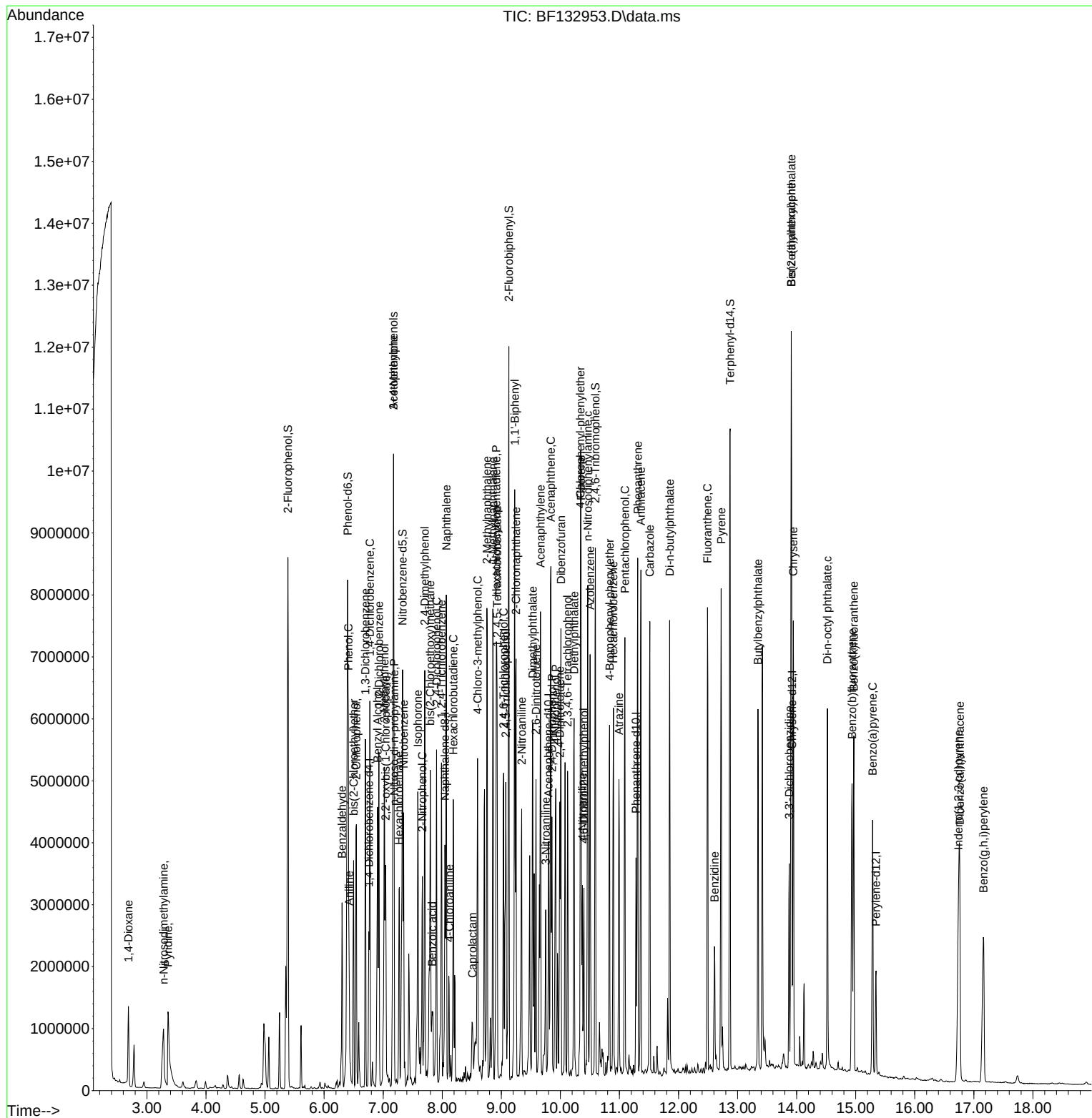
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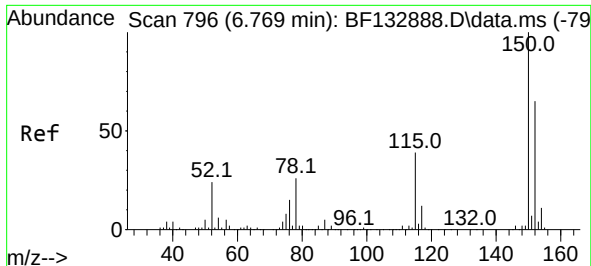
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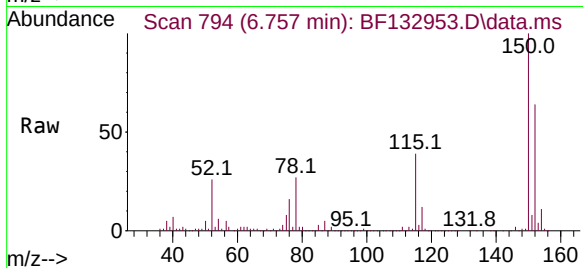
Reviewed By : Christian Giraldo 04/21/2023
 Supervised By : Jagrut Upadhyay 04/21/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF132953.D
 Acq: 20 Apr 2023 23:39

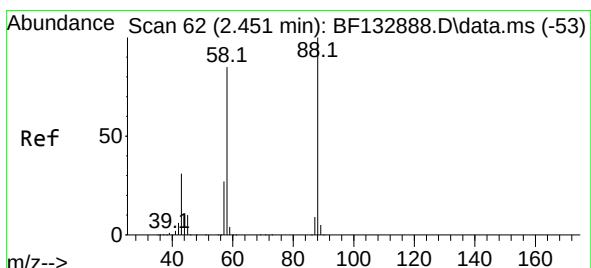
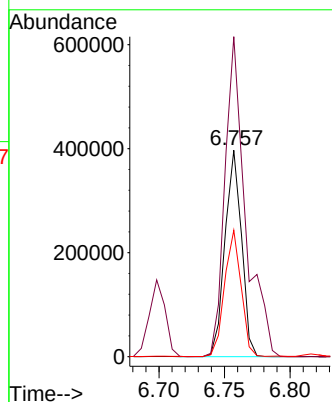
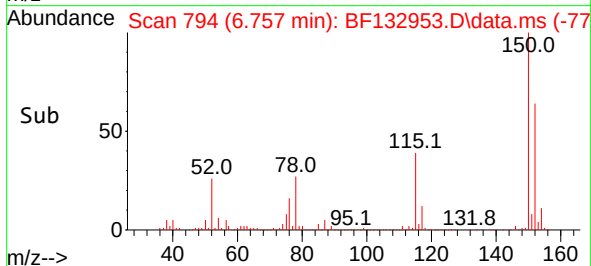
Instrument :
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 ClientSampleId :
 SPA-1WC-23-04MSD



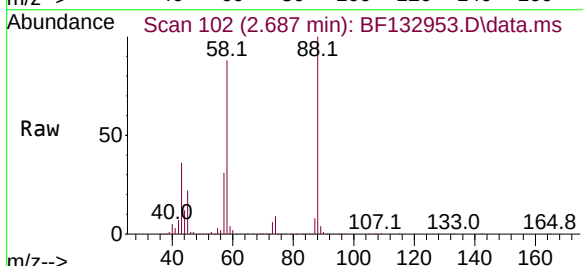
Tgt Ion:152 Resp: 350403
 Ion Ratio Lower Upper
 152 100
 150 155.1 122.8 184.2
 115 61.3 47.3 70.9

Manual Integrations
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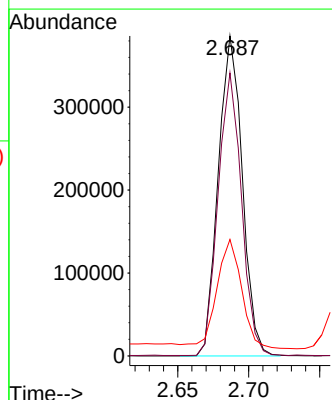
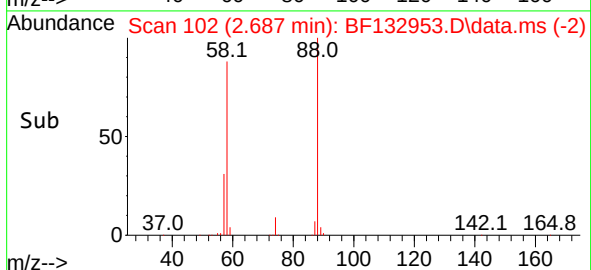
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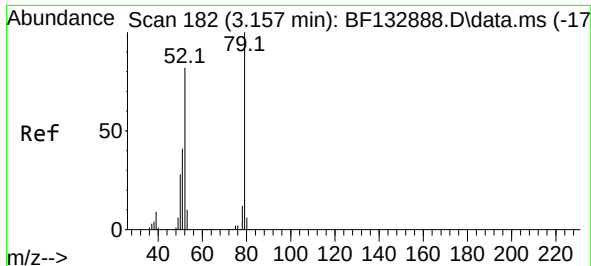


#2
 1,4-Dioxane
 Concen: 41.537 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.241 min
 Lab File: BF132953.D
 Acq: 20 Apr 2023 23:39



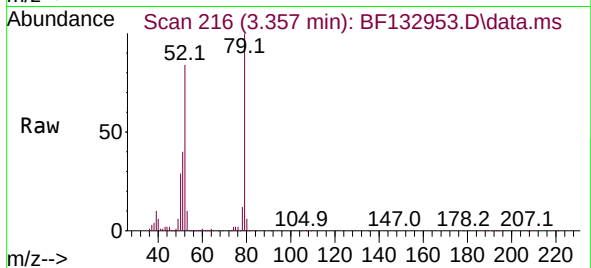
Tgt Ion: 88 Resp: 454190
 Ion Ratio Lower Upper
 88 100
 58 85.8 67.8 101.6
 43 35.3 25.4 38.0





#3
Pyridine
Concen: 33.302 ng
RT: 3.357 min Scan# 21
Delta R.T. 0.206 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

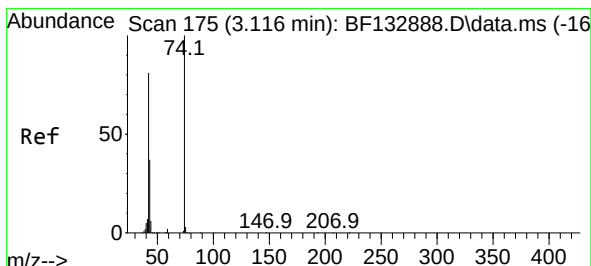
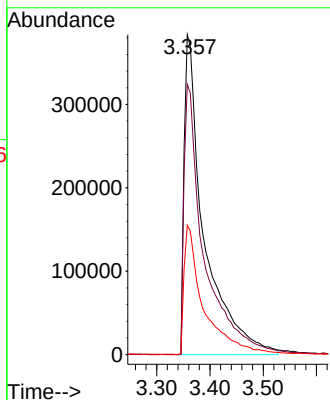
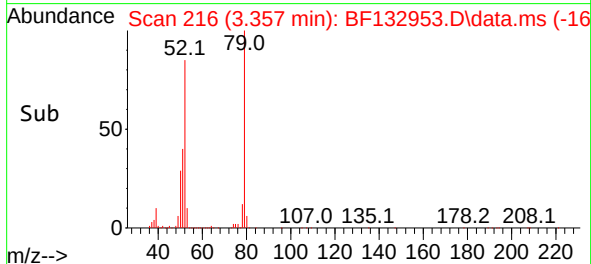
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SPA-1WC-23-04MSD



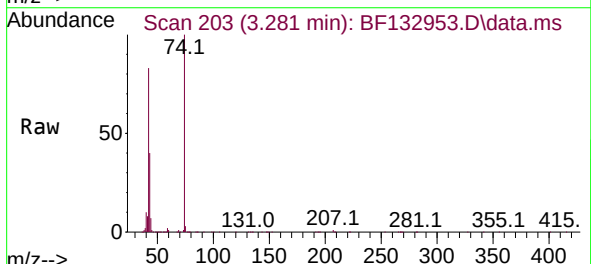
Tgt Ion: 79 Resp: 995899
Ion Ratio Lower Upper
79 100
52 84.5 65.4 98.0
51 40.4 32.6 48.8

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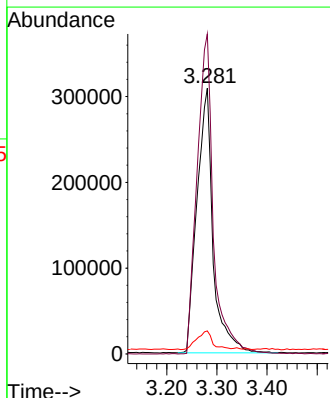
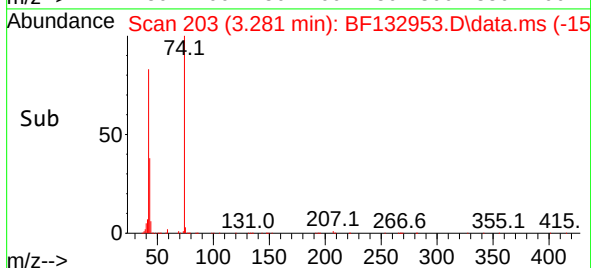
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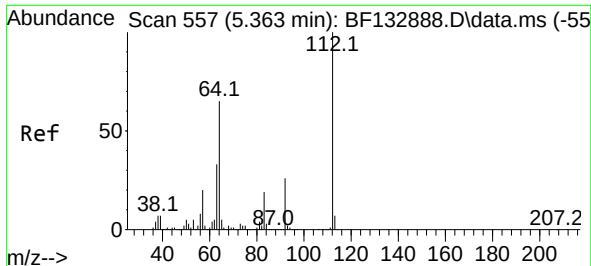


#4
n-Nitrosodimethylamine
Concen: 48.403 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.176 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39



Tgt Ion: 42 Resp: 687798
Ion Ratio Lower Upper
42 100
74 120.5 98.4 147.6
44 8.6 6.1 9.1





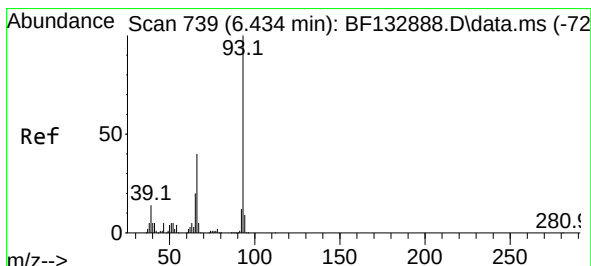
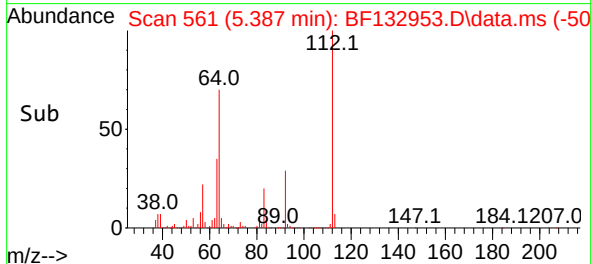
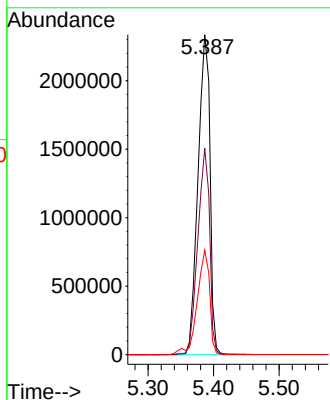
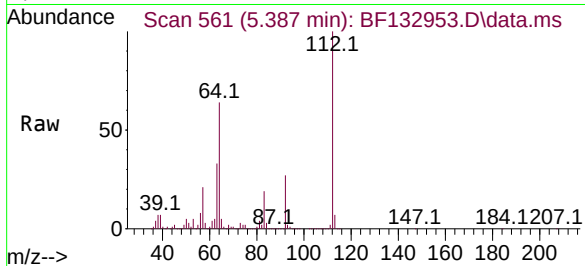
#5
2-Fluorophenol
Concen: 131.554 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.029 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

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

Tgt Ion:112 Resp: 2948000
Ion Ratio Lower Upper
112 100
64 64.5 51.8 77.8
63 32.7 26.3 39.5

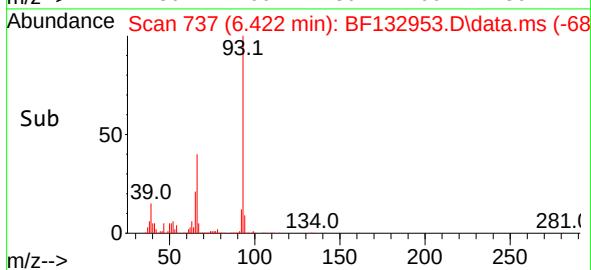
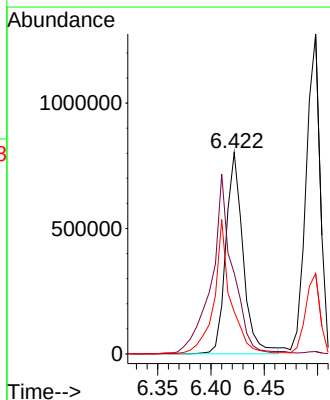
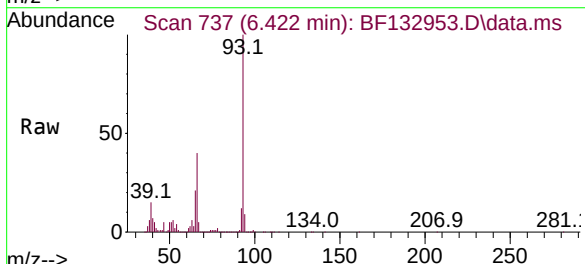
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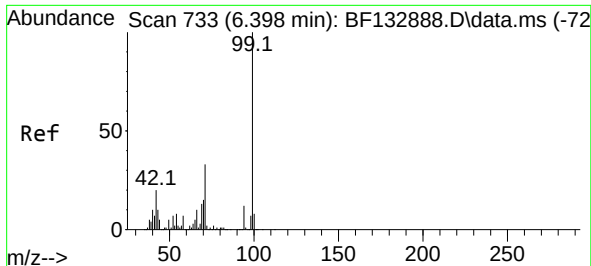
Reviewed By :Christian Giraldo 04/21/2023
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#6
Aniline
Concen: 23.856 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

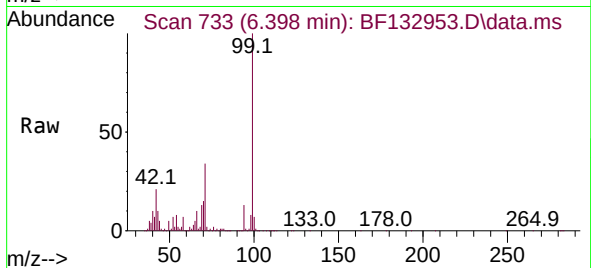
Tgt Ion: 93 Resp: 904653
Ion Ratio Lower Upper
93 100
66 40.2 31.8 47.6
65 20.8 16.3 24.5





#7
Phenol-d6
Concen: 125.494 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

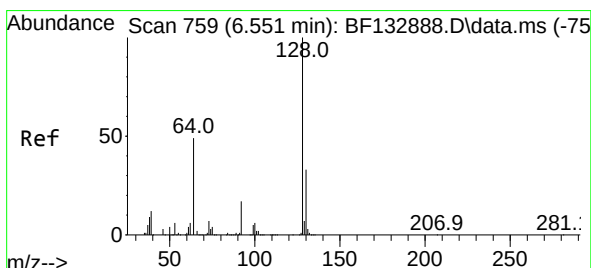
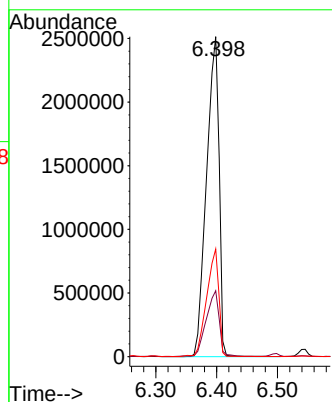
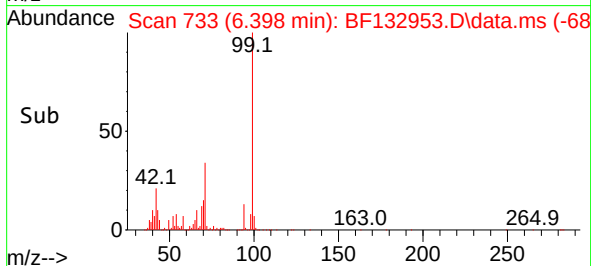
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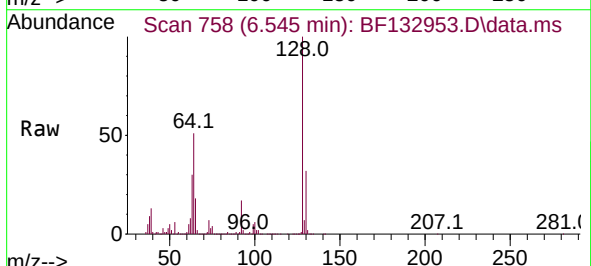
Tgt Ion: 99 Resp: 3588483
Ion Ratio Lower Upper
99 100
42 20.6 16.1 24.1
71 33.6 26.1 39.1

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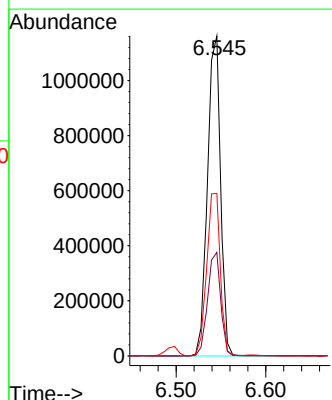
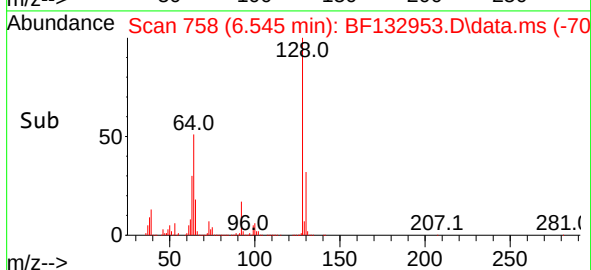
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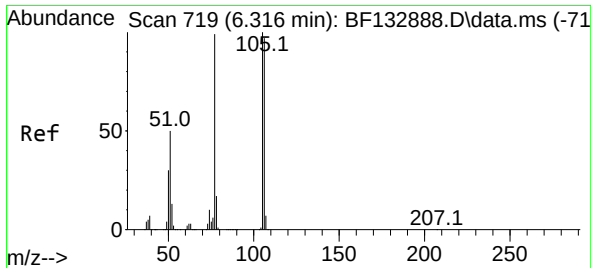


#8
2-Chlorophenol
Concen: 51.799 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39



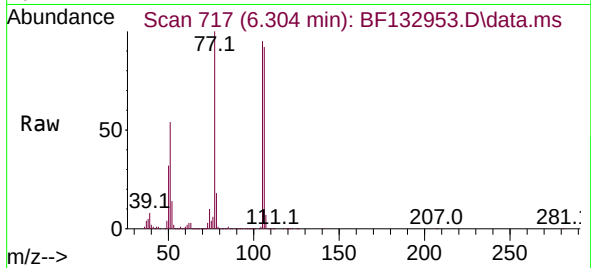
Tgt Ion:128 Resp: 1177588
Ion Ratio Lower Upper
128 100
130 32.3 13.2 53.2
64 50.8 30.9 70.9





#9
Benzaldehyde
Concen: 33.145 ng
RT: 6.304 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

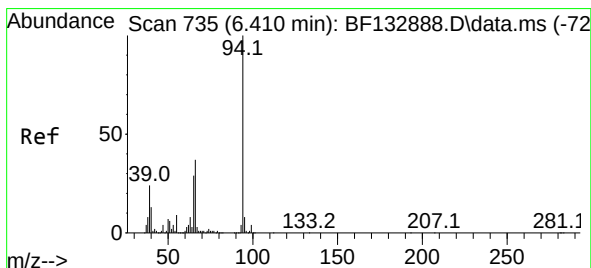
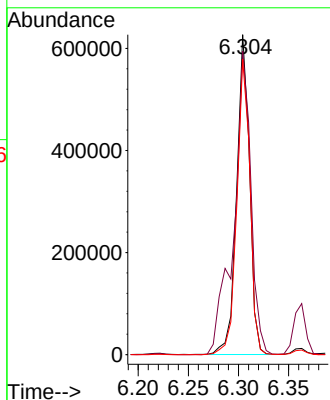
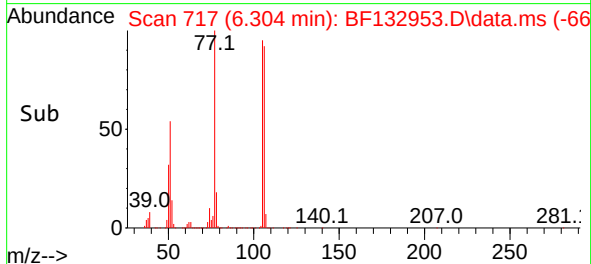
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Tgt Ion: 77 Resp: 56077
Ion Ratio Lower Upper
77 100
105 94.8 80.8 120.8
106 92.3 77.9 117.9

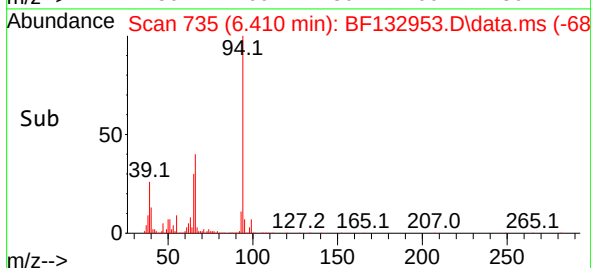
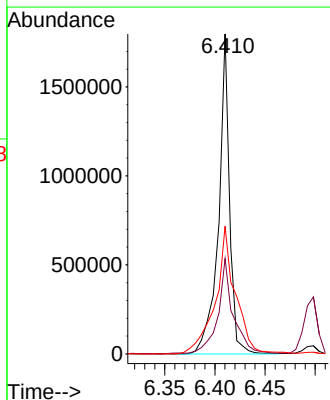
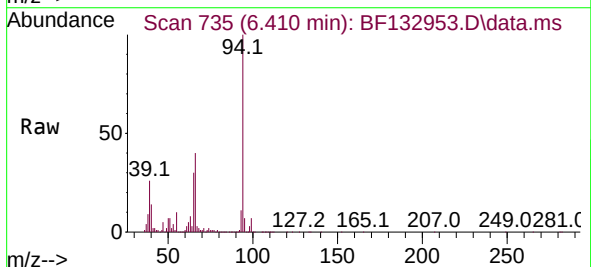
Manual Integrations
APPROVED

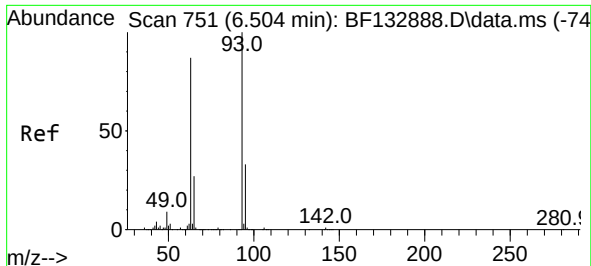
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#10
Phenol
Concen: 42.855 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

Tgt Ion: 94 Resp: 1377875
Ion Ratio Lower Upper
94 100
65 29.8 9.0 49.0
66 39.9 17.1 57.1





#11

bis(2-Chloroethyl)ether

Concen: 48.507 ng

RT: 6.498 min Scan# 751

Delta R.T. -0.000 min

Lab File: BF132953.D

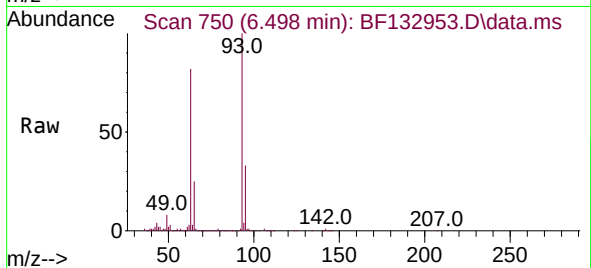
Acq: 20 Apr 2023 23:39

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MSD



Tgt Ion: 93 Resp: 117783

Ion Ratio Lower Upper

93 100

63 81.7 66.7 106.7

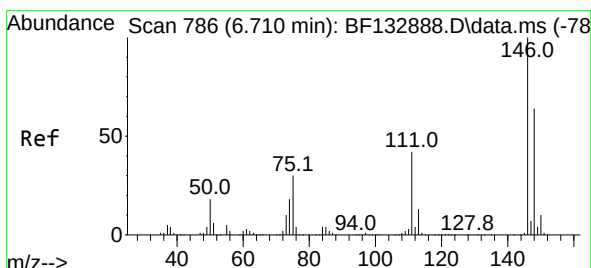
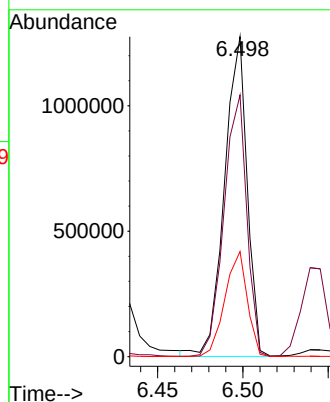
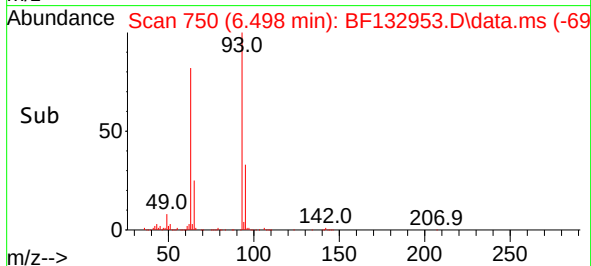
95 32.8 12.8 52.8

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Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#12

1,3-Dichlorobenzene

Concen: 47.945 ng

RT: 6.698 min Scan# 784

Delta R.T. -0.000 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

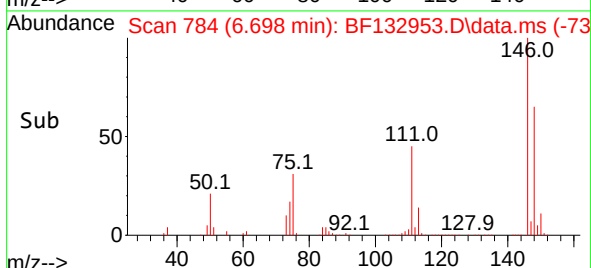
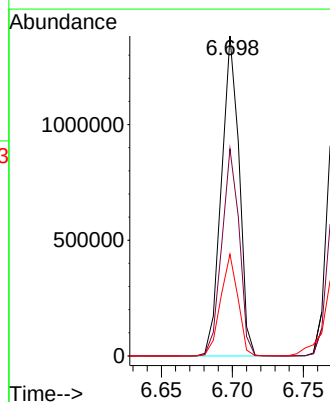
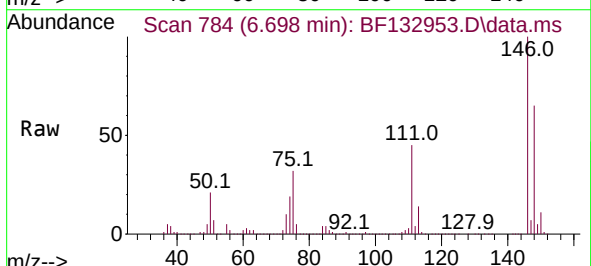
Tgt Ion:146 Resp: 1198046

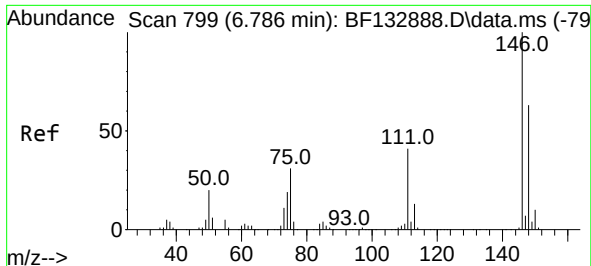
Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

75 31.8 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 51.699 ng

RT: 6.775 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MSD

Tgt Ion:146 Resp: 1294444

Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

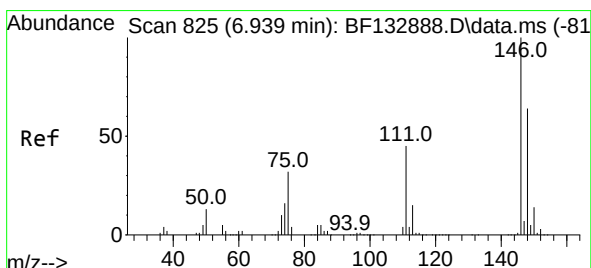
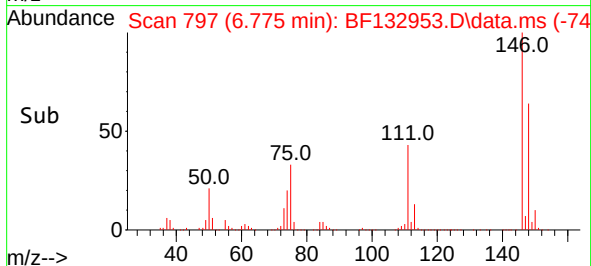
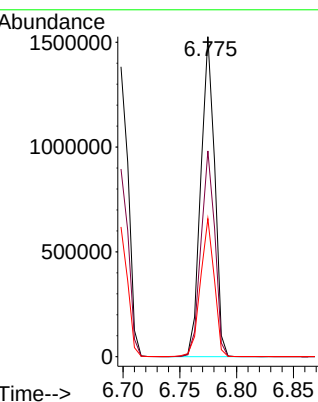
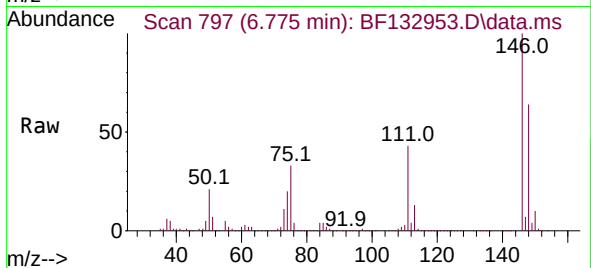
111 43.1 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#14

1,2-Dichlorobenzene

Concen: 54.018 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

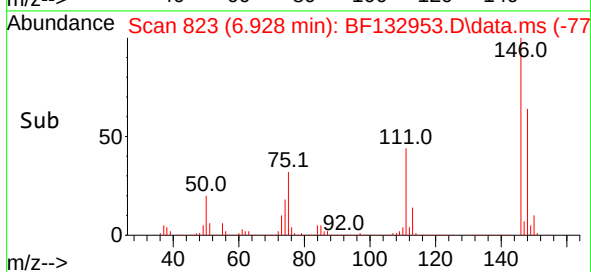
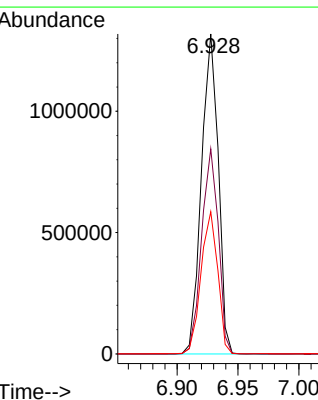
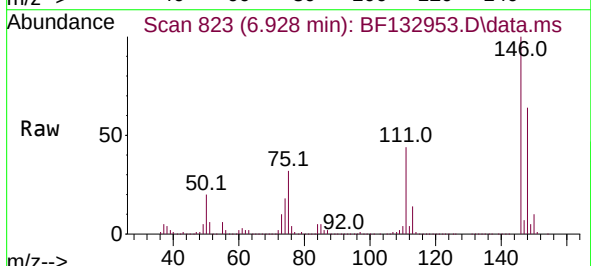
Tgt Ion:146 Resp: 1262826

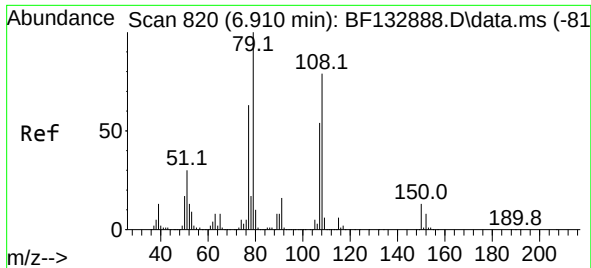
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

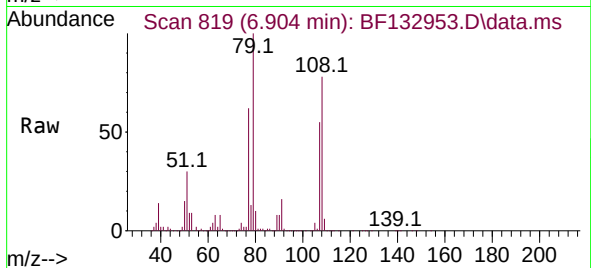
111 44.4 36.0 54.0





#15
Benzyl Alcohol
Concen: 55.604 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

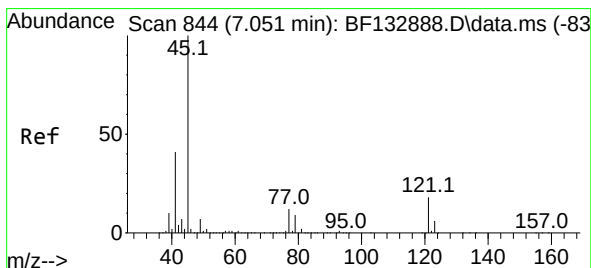
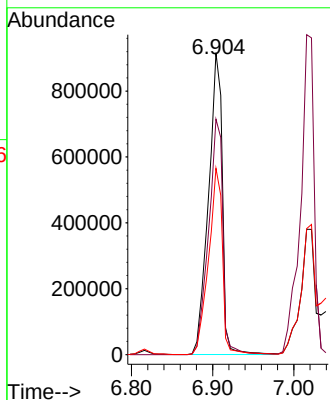
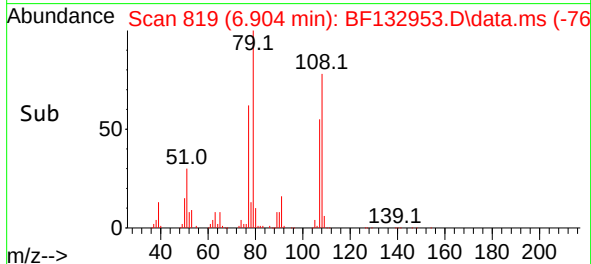
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion: 79 Resp: 1089660
Ion Ratio Lower Upper
79 100
108 78.0 63.0 94.6
77 61.8 50.4 75.6

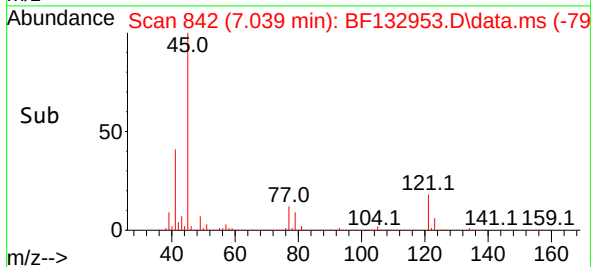
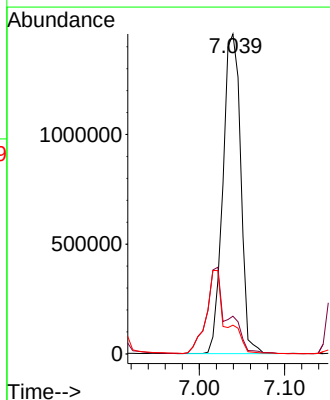
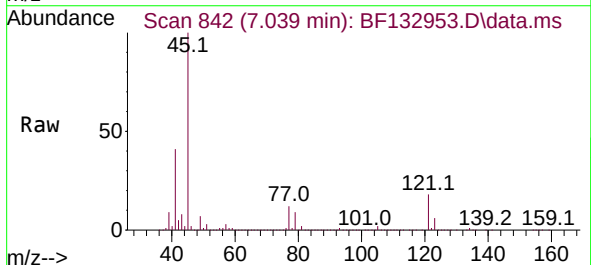
Manual Integrations
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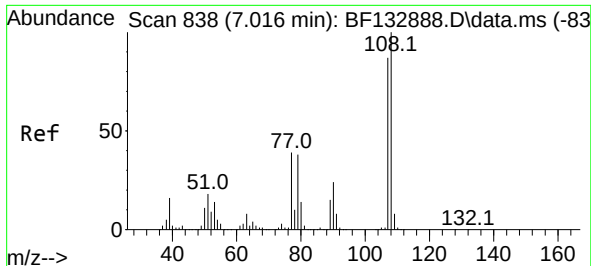
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.187 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

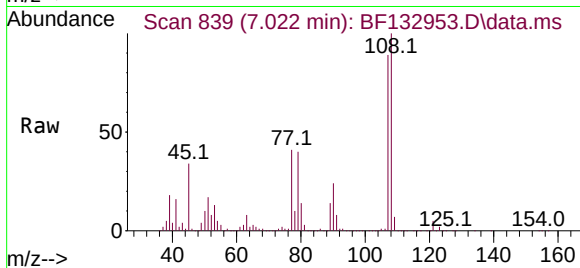
Tgt Ion: 45 Resp: 2108613
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.6
79 9.0 0.0 29.2





#17
2-Methylphenol
Concen: 47.624 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

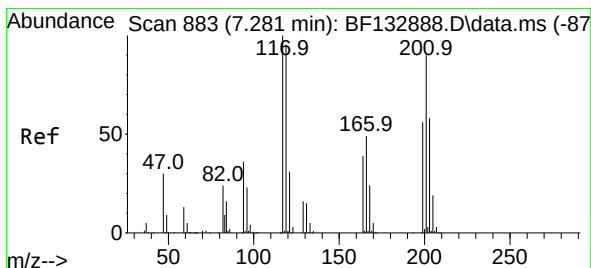
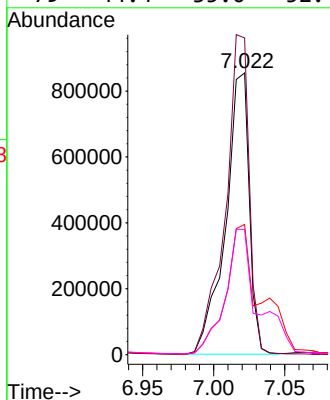
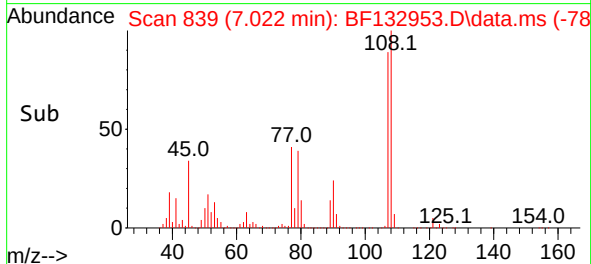
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:107 Resp: 99164
Ion Ratio Lower Upper
107 100
108 112.5 91.7 137.5
77 46.2 35.8 53.8
79 44.4 35.0 52.4

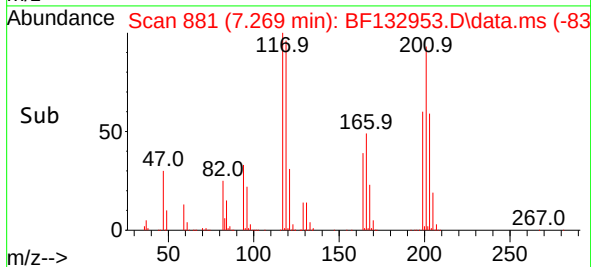
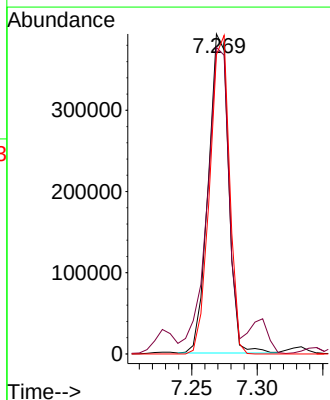
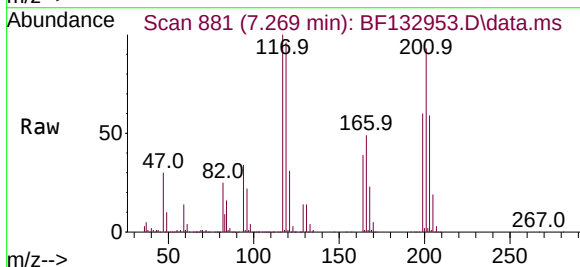
Manual Integrations
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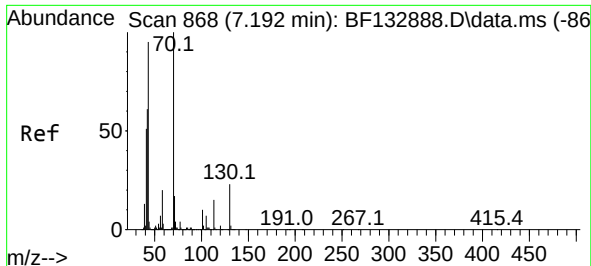
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#18
Hexachloroethane
Concen: 48.767 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

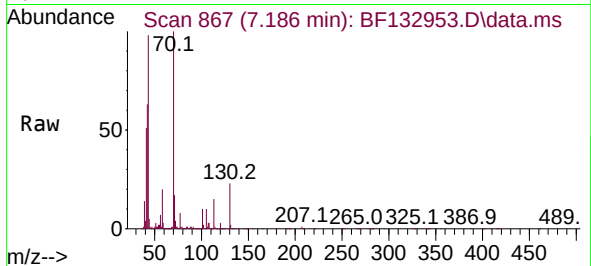
Tgt Ion:117 Resp: 423754
Ion Ratio Lower Upper
117 100
119 95.8 76.1 114.1
201 93.5 71.8 107.6





#19
n-Nitroso-di-n-propylamine
Concen: 50.266 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

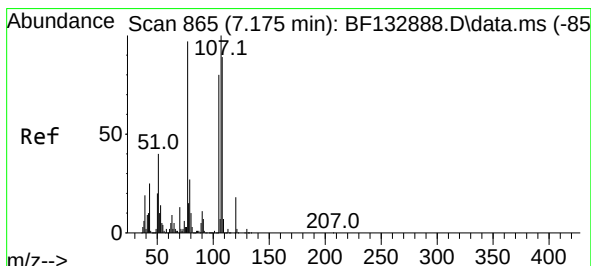
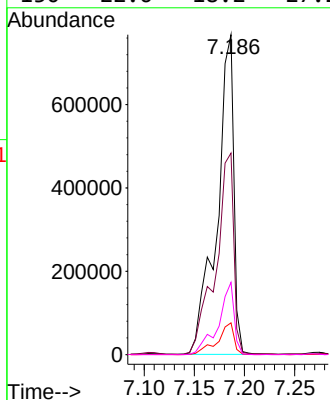
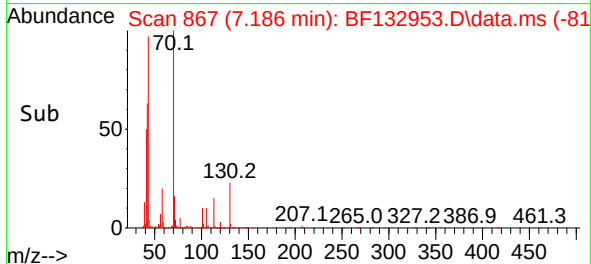
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion: 70 Resp: 897172
Ion Ratio Lower Upper
70 100
42 63.0 49.0 73.6
101 9.9 8.1 12.1
130 22.6 18.2 27.2

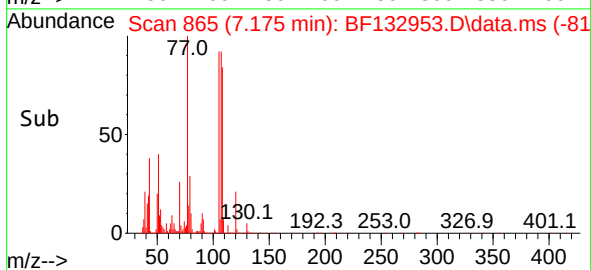
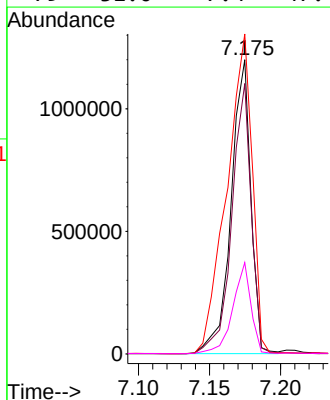
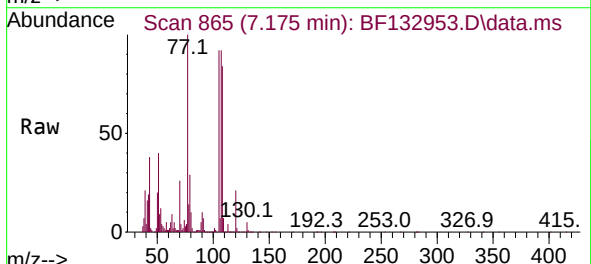
Manual Integrations
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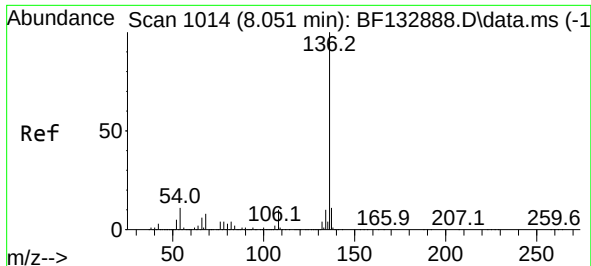
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#20
3+4-Methylphenols
Concen: 47.115 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

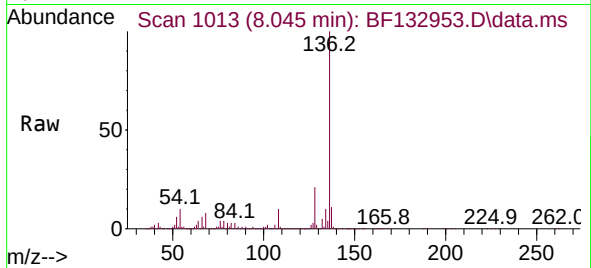
Tgt Ion:107 Resp: 1159556
Ion Ratio Lower Upper
107 100
108 91.9 68.5 108.5
77 108.8 77.1 117.1
79 31.0 7.4 47.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

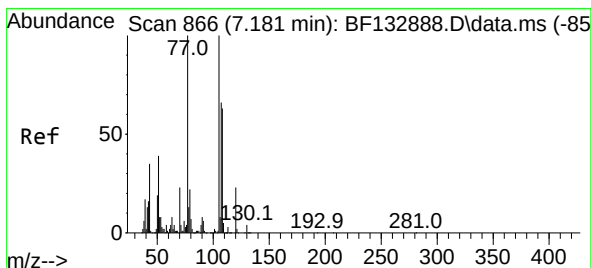
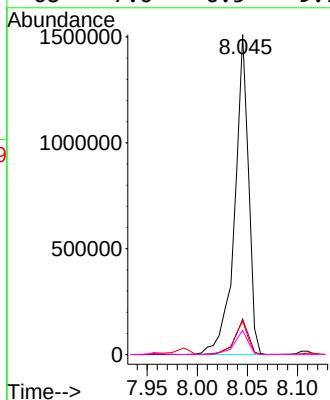
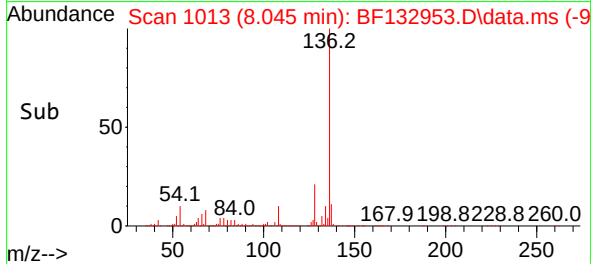
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:136 Resp: 1441945
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.4 8.9 13.3
68 7.6 6.5 9.7

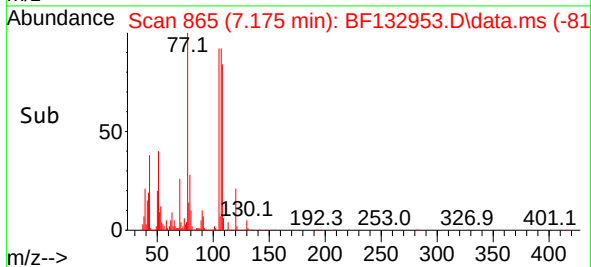
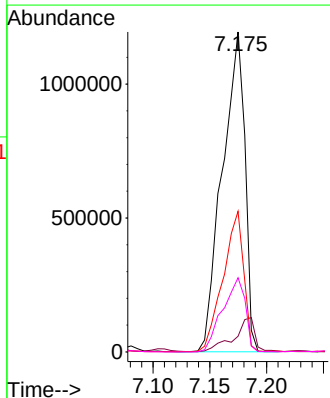
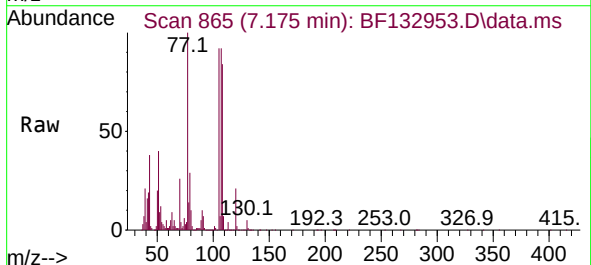
Manual Integrations
APPROVED

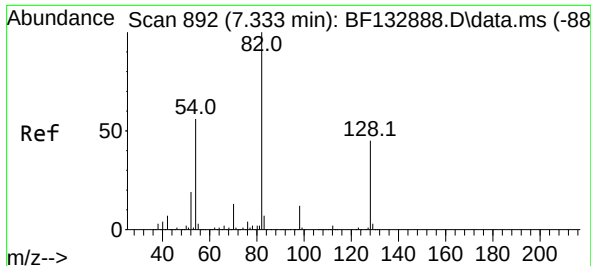
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#22
Acetophenone
Concen: 48.692 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

Tgt Ion:105 Resp: 1647070
Ion Ratio Lower Upper
105 100
71 4.9 3.1 4.7#
51 43.9 31.4 47.2
120 23.2 18.6 27.8





#23

Nitrobenzene-d5

Concen: 89.539 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MSD

Tgt Ion: 82 Resp: 2476949

Ion Ratio Lower Upper

82 100

128 46.1 35.7 53.5

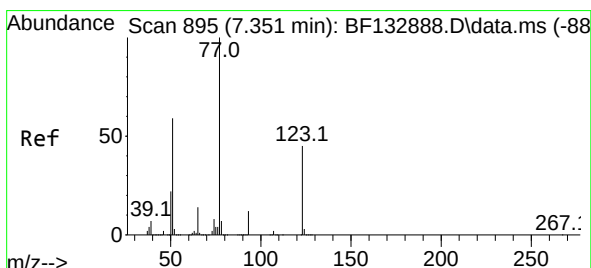
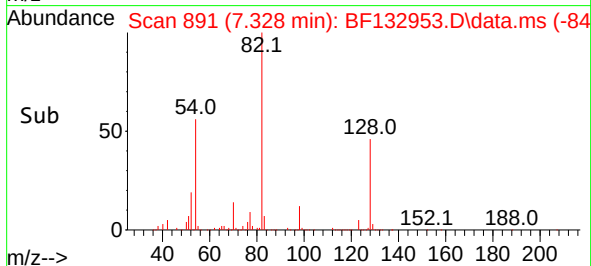
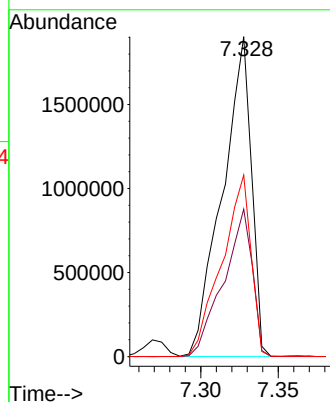
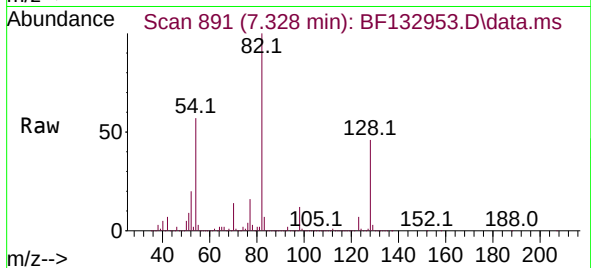
54 56.7 44.7 67.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#24

Nitrobenzene

Concen: 45.587 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

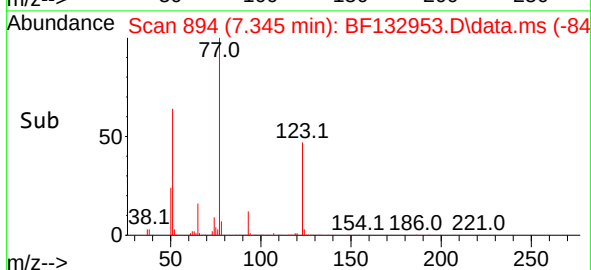
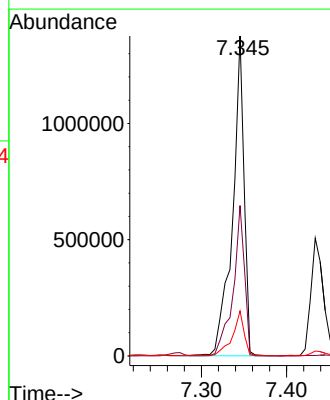
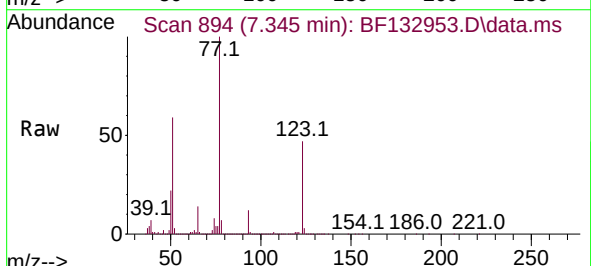
Tgt Ion: 77 Resp: 1292593

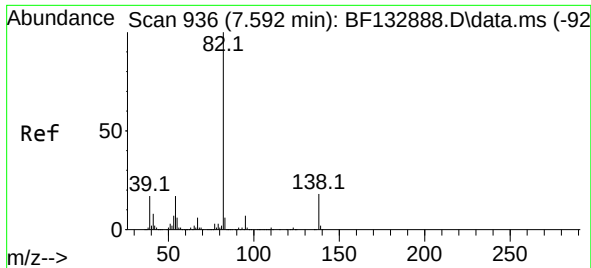
Ion Ratio Lower Upper

77 100

123 47.0 36.3 54.5

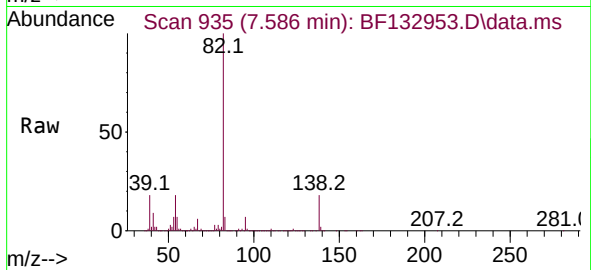
65 14.0 11.2 16.8





#25
Isophorone
Concen: 47.278 ng
RT: 7.586 min Scan# 936
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

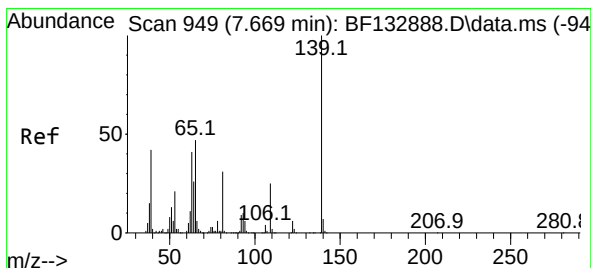
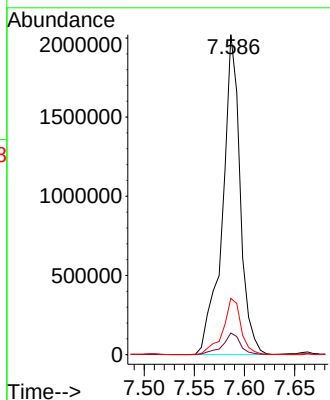
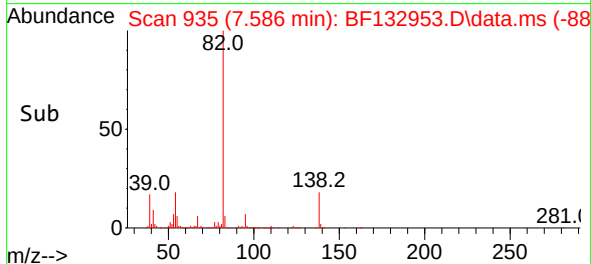
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion: 82 Resp: 2480810
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 17.6 14.2 21.2

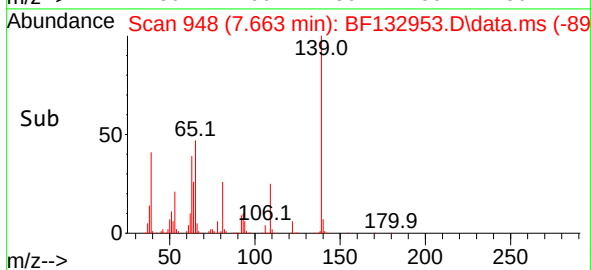
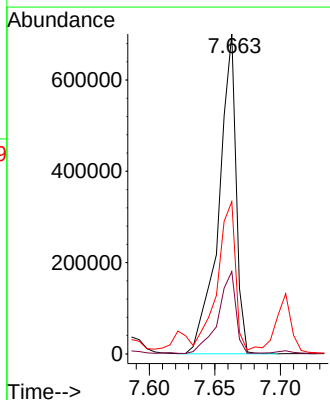
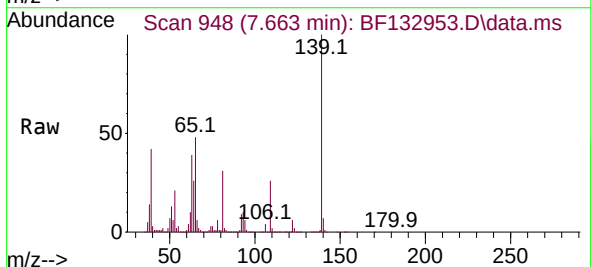
Manual Integrations
APPROVED

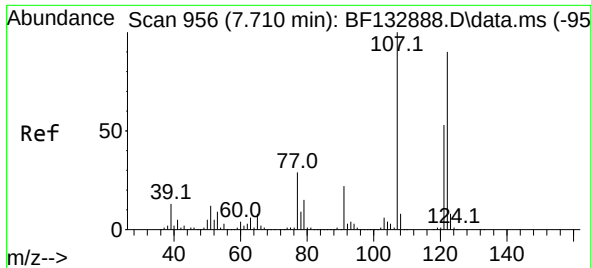
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#26
2-Nitrophenol
Concen: 60.473 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

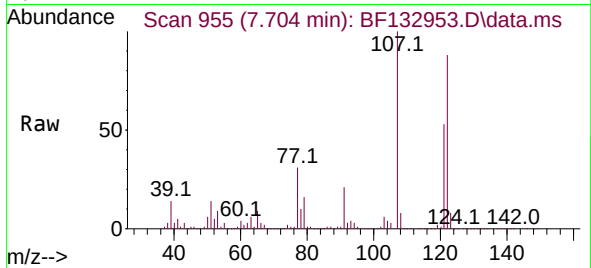
Tgt Ion:139 Resp: 646847
Ion Ratio Lower Upper
139 100
109 25.7 20.1 30.1
65 47.6 38.0 57.0





#27
2,4-Dimethylphenol
Concen: 54.544 ng
RT: 7.704 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

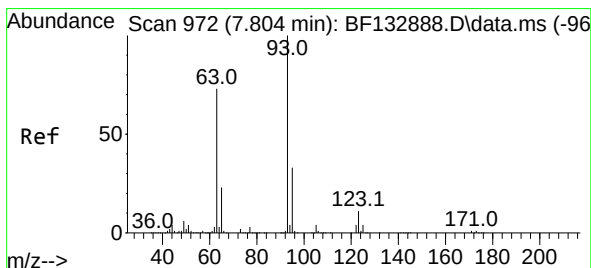
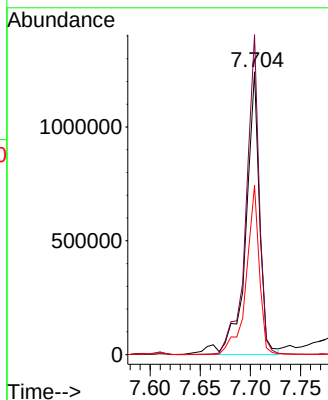
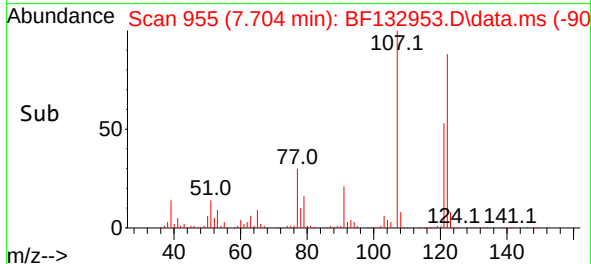
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



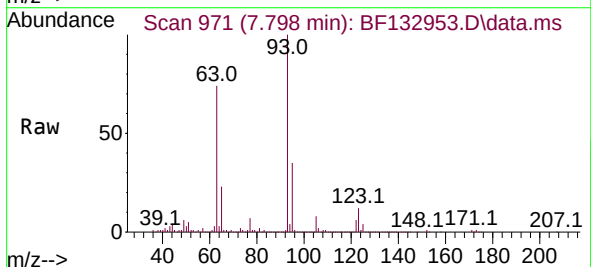
Tgt Ion:122 Resp: 1190128
Ion Ratio Lower Upper
122 100
107 113.1 88.5 132.7
121 59.8 47.2 70.8

Manual Integrations
APPROVED

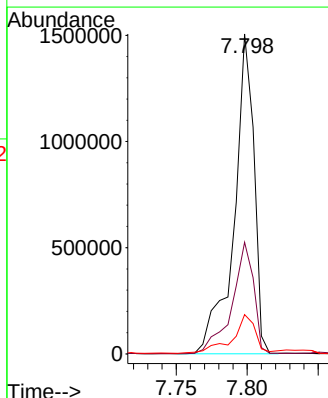
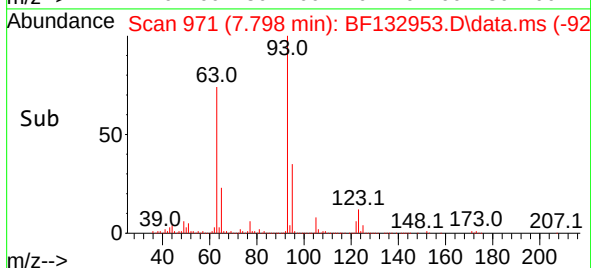
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

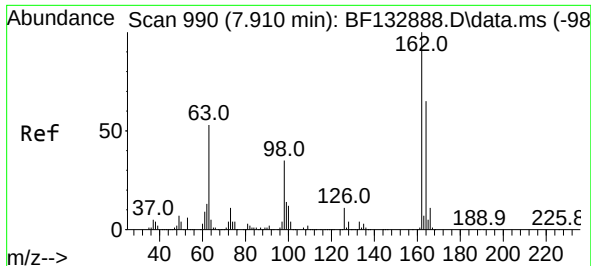


#28
bis(2-Chloroethoxy)methane
Concen: 46.594 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39



Tgt Ion: 93 Resp: 1461791
Ion Ratio Lower Upper
93 100
95 34.9 26.3 39.5
123 12.3 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 48.653 ng

RT: 7.904 min Scan# 98

Delta R.T. 0.006 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MSD

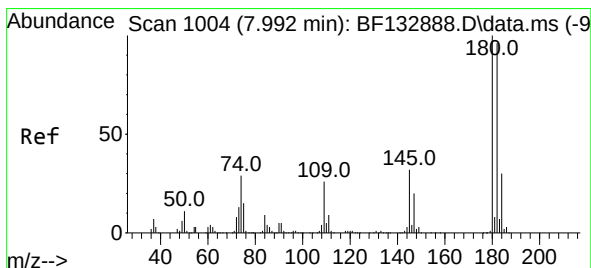
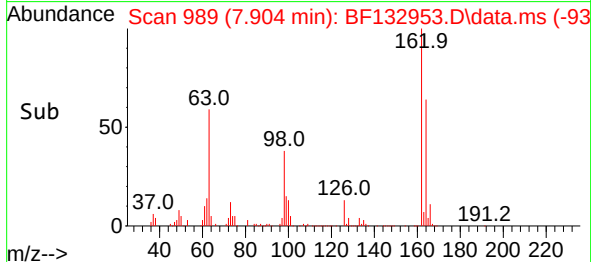
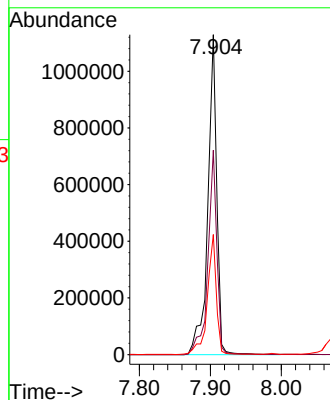
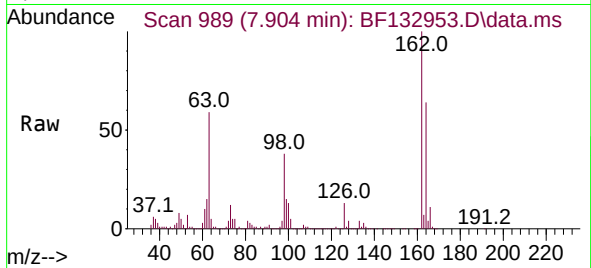
Tgt Ion:	162	Resp:	988108
Ion Ratio	Lower	Upper	
162	100		
164	63.9	45.2	85.2
98	37.5	14.8	54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.461 ng

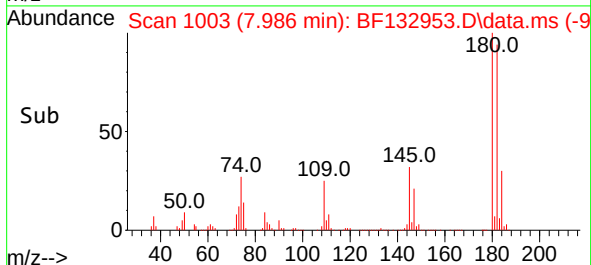
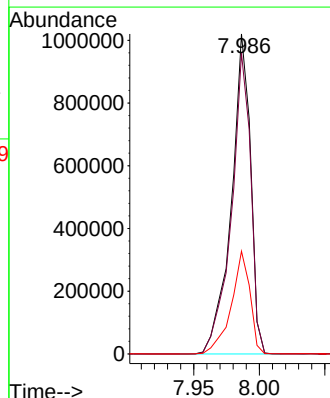
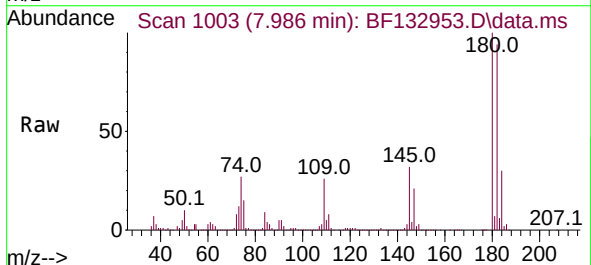
RT: 7.986 min Scan# 1003

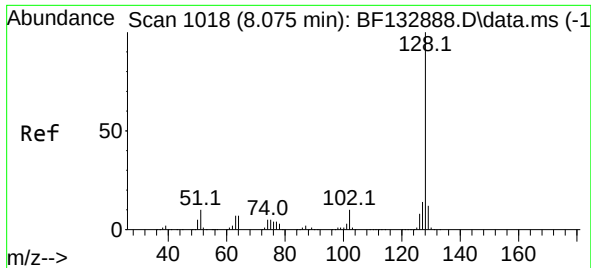
Delta R.T. -0.000 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

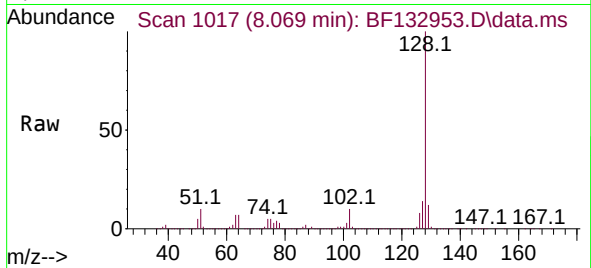
Tgt Ion:	180	Resp:	1040763
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.6	114.8
145	32.1	25.4	38.0





#31
Naphthalene
Concen: 48.024 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

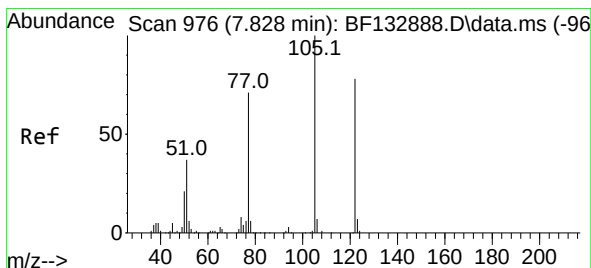
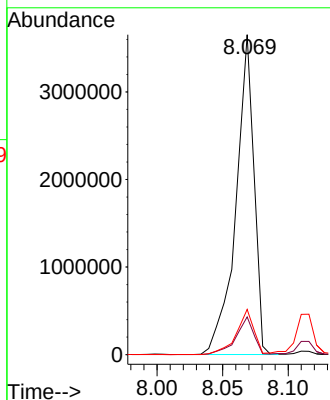
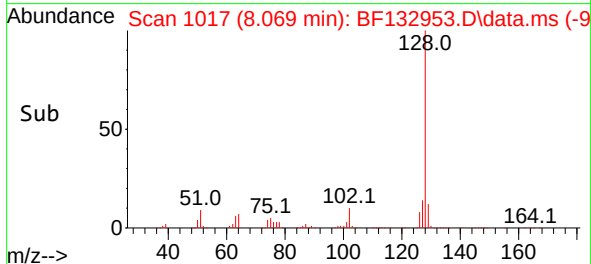
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:128 Resp: 3499396
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 14.1 11.0 16.6

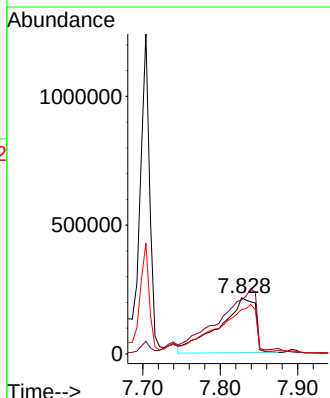
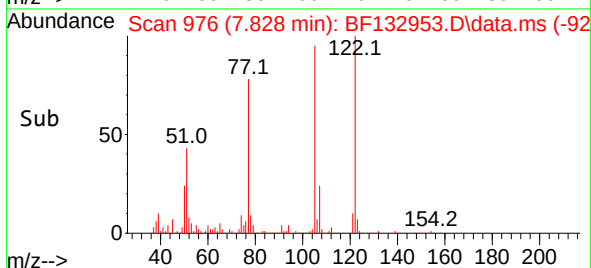
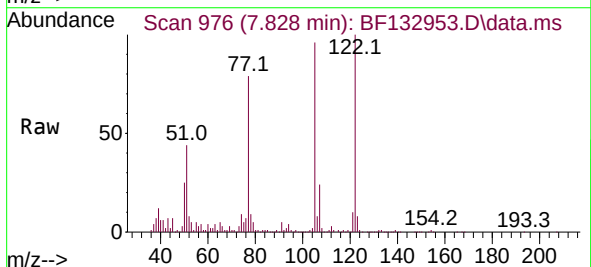
Manual Integrations
APPROVED

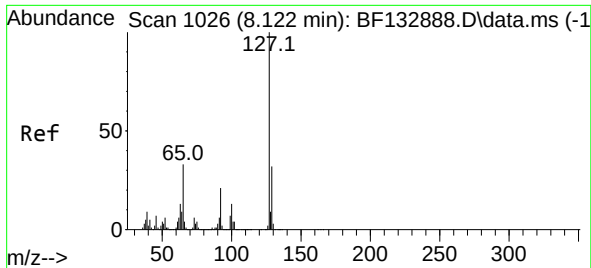
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#32
Benzoic acid
Concen: 63.364 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

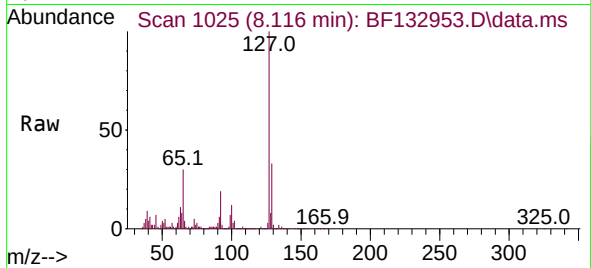
Tgt Ion:122 Resp: 693309
Ion Ratio Lower Upper
122 100
105 96.0 104.5 144.5#
77 79.2 71.2 111.2





#33
4-Chloroaniline
Concen: 15.383 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

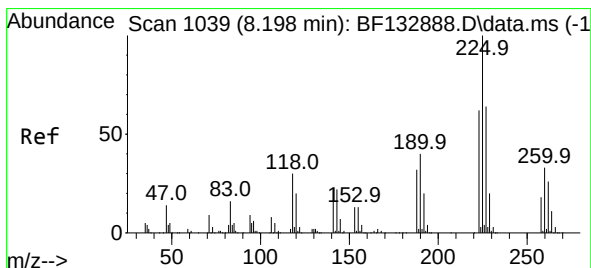
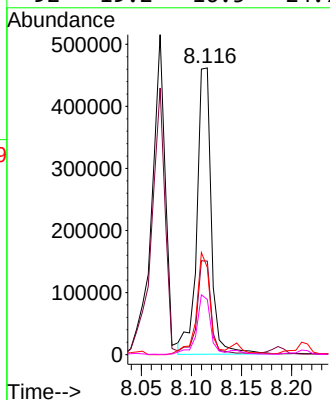
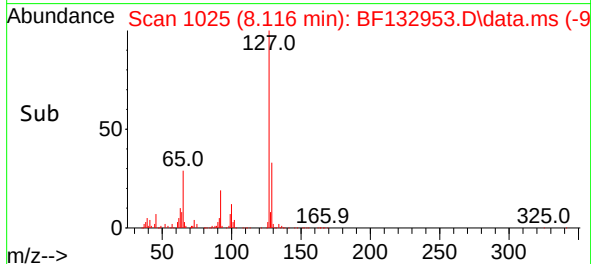
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:127 Resp: 459108
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9
65 30.4 26.7 40.1
92 19.2 16.5 24.7

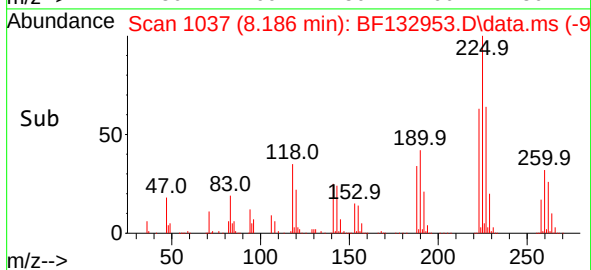
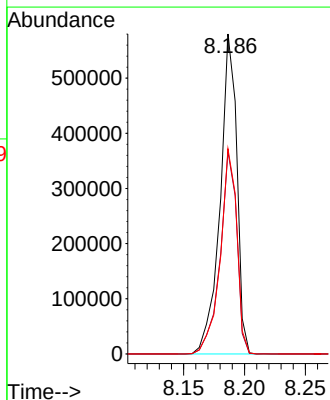
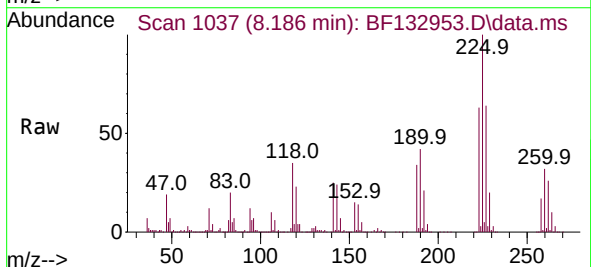
Manual Integrations
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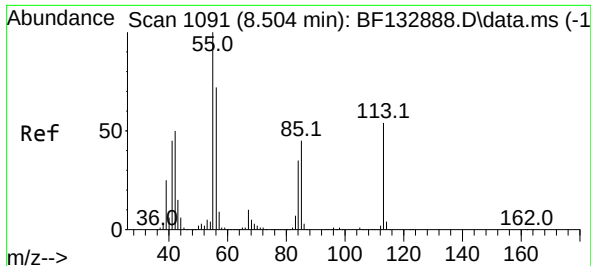
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#34
Hexachlorobutadiene
Concen: 44.156 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

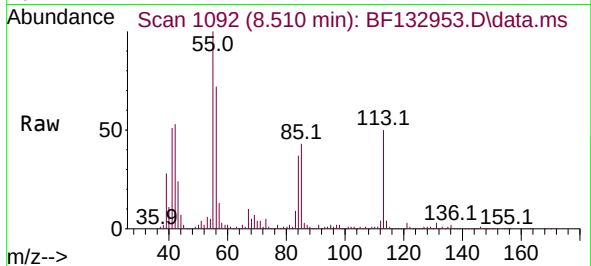
Tgt Ion:225 Resp: 553944
Ion Ratio Lower Upper
225 100
223 63.2 49.6 74.4
227 64.1 51.6 77.4





#35
Caprolactam
Concen: 57.311 ng m
RT: 8.510 min Scan# 1091
Delta R.T. 0.018 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

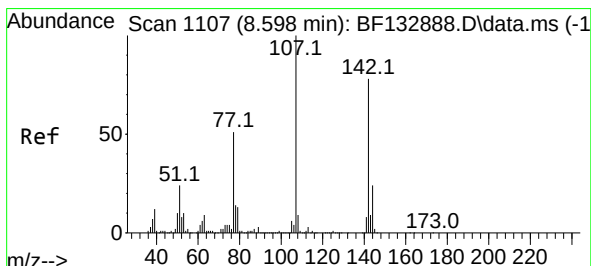
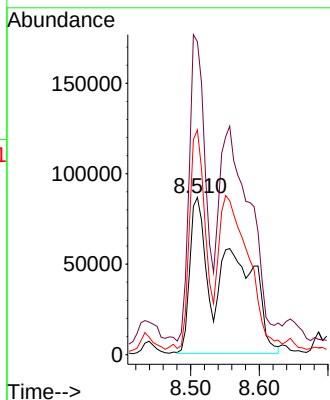
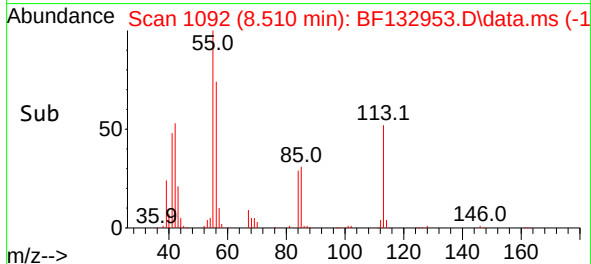
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:113 Resp: 346618
Ion Ratio Lower Upper
113 100
55 199.0 166.0 206.0
56 143.0 114.5 154.5

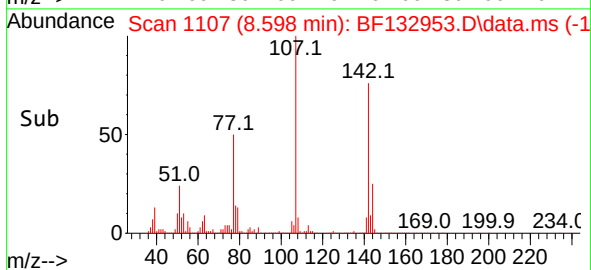
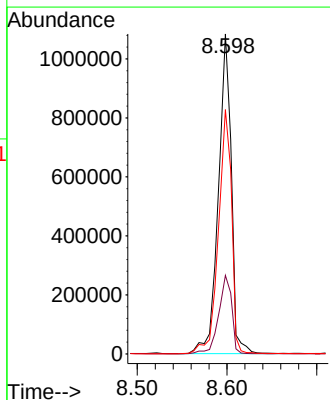
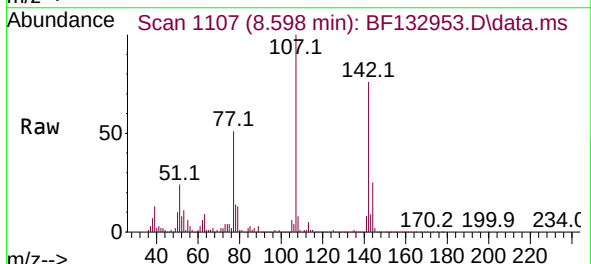
Manual Integrations
APPROVED

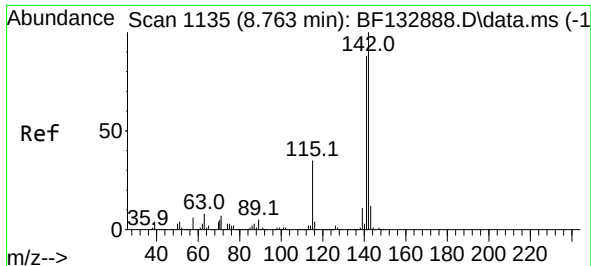
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#36
4-Chloro-3-methylphenol
Concen: 50.884 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

Tgt Ion:107 Resp: 1084687
Ion Ratio Lower Upper
107 100
144 24.5 19.4 29.0
142 76.3 62.2 93.2





#37

2-Methylnaphthalene

Concen: 44.746 ng

RT: 8.757 min Scan# 111

Delta R.T. -0.000 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MSD

Tgt Ion:142 Resp: 224418

Ion Ratio Lower Upper

142 100

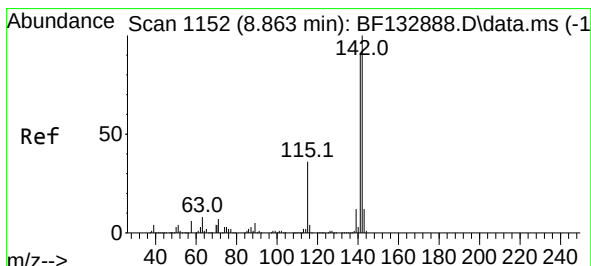
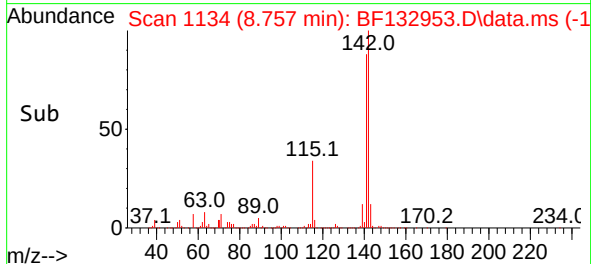
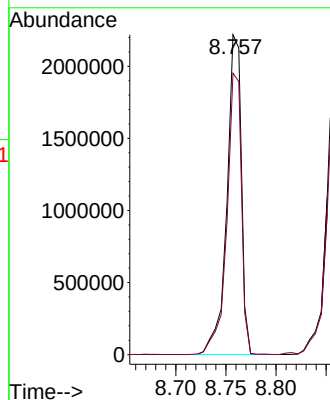
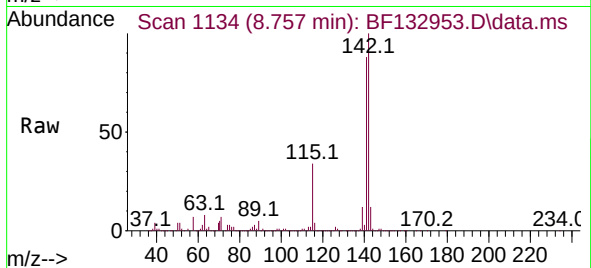
141 87.9 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#38

1-Methylnaphthalene

Concen: 44.438 ng

RT: 8.857 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF132953.D

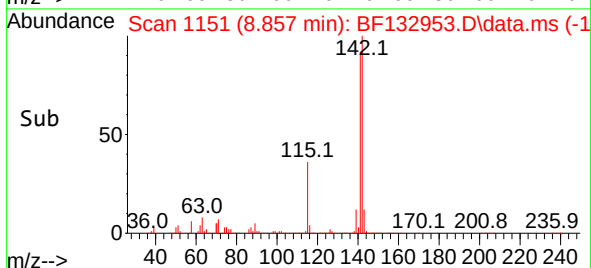
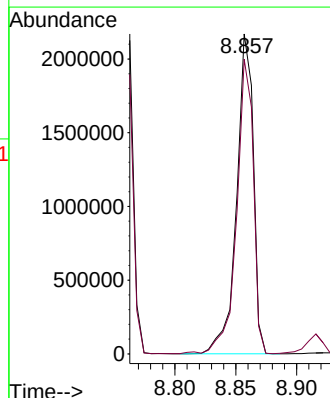
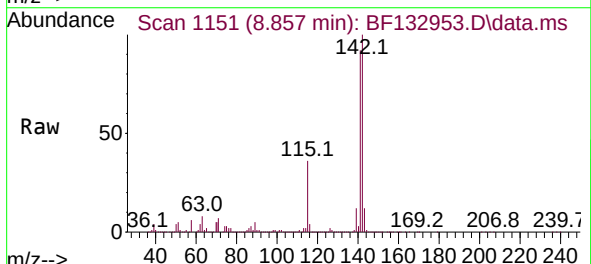
Acq: 20 Apr 2023 23:39

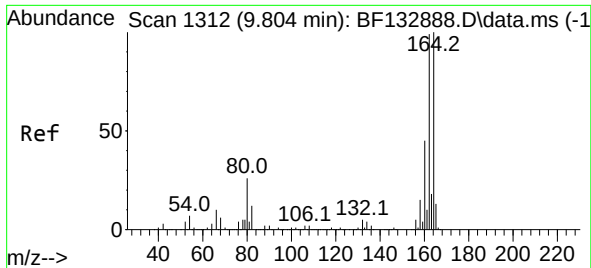
Tgt Ion:142 Resp: 2076677

Ion Ratio Lower Upper

142 100

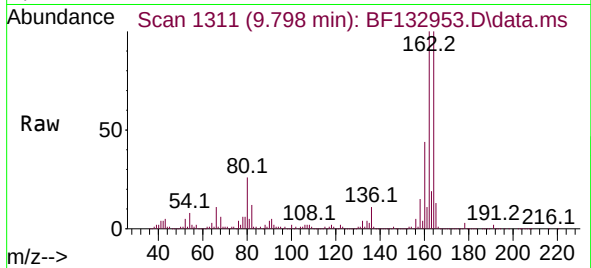
141 92.1 72.6 109.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

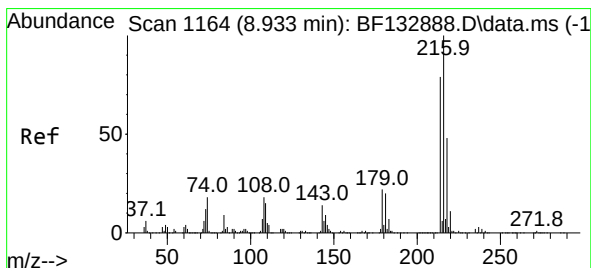
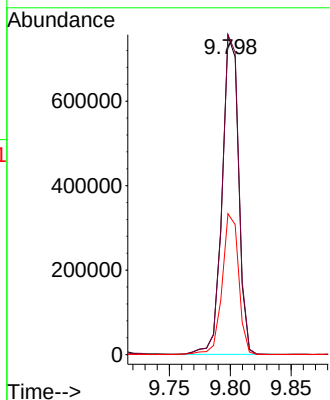
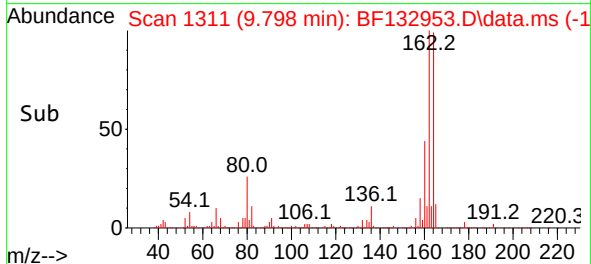
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:164 Resp: 709285
Ion Ratio Lower Upper
164 100
162 100.2 79.1 118.7
160 44.1 35.6 53.4

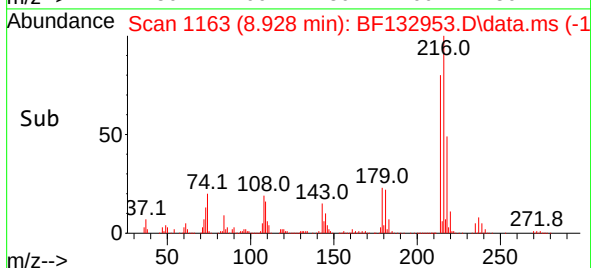
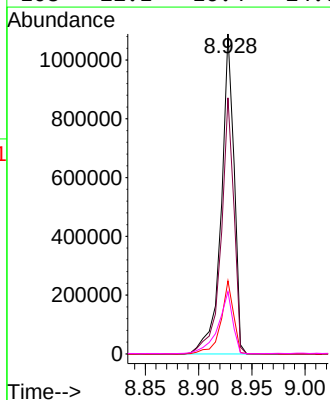
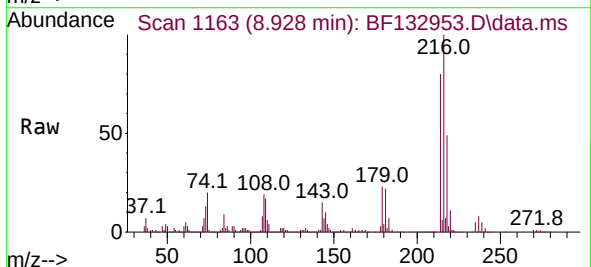
Manual Integrations
APPROVED

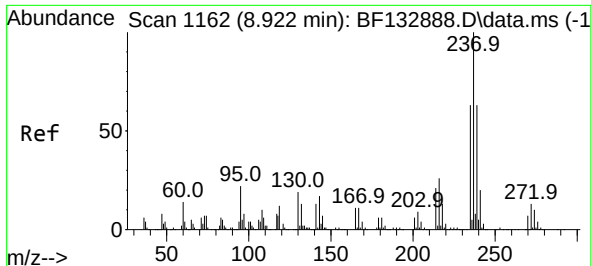
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.575 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

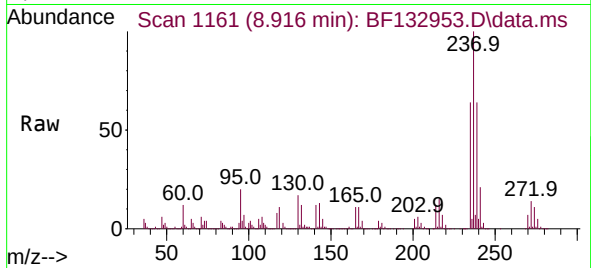
Tgt Ion:216 Resp: 914321
Ion Ratio Lower Upper
216 100
214 79.4 63.1 94.7
179 22.3 17.4 26.2
108 22.1 16.4 24.6





#41
Hexachlorocyclopentadiene
Concen: 100.758 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

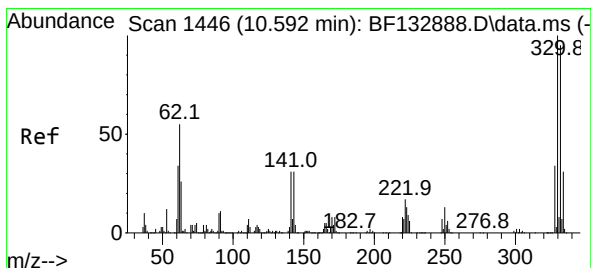
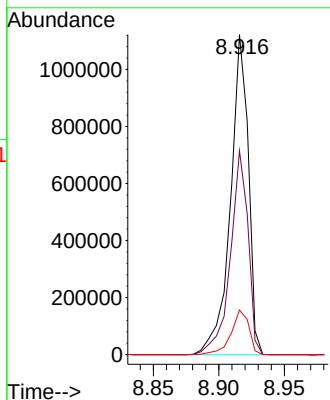
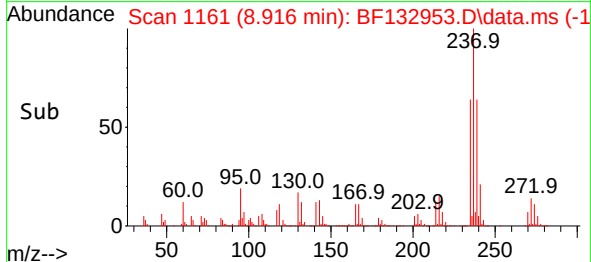
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



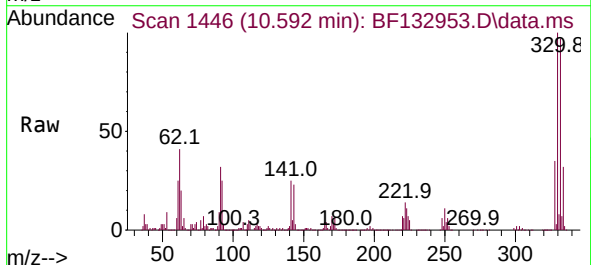
Tgt Ion:237 Resp: 1065440
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 13.9 0.0 32.8

Manual Integrations
APPROVED

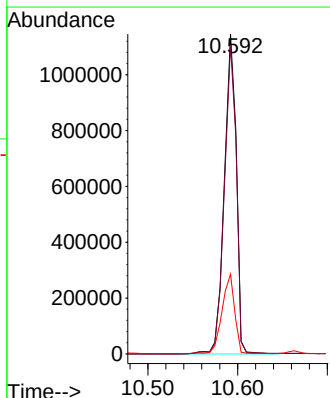
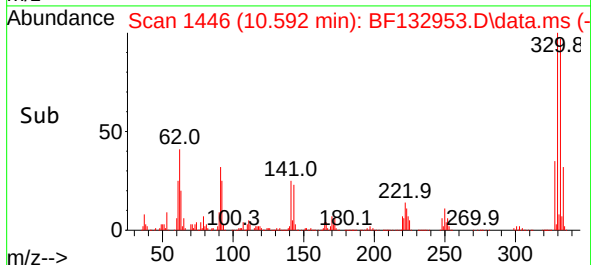
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

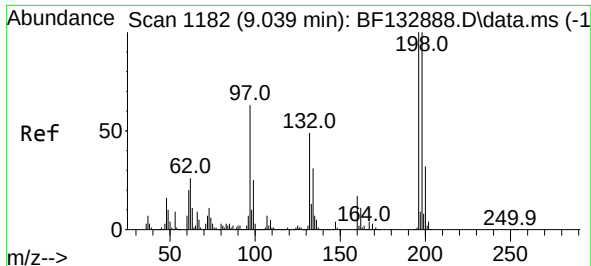


#42
2,4,6-Tribromophenol
Concen: 149.915 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39



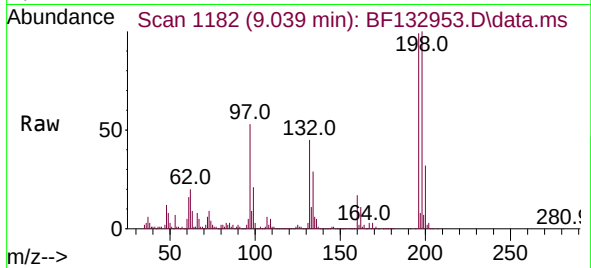
Tgt Ion:330 Resp: 1066523
Ion Ratio Lower Upper
330 100
332 96.3 76.3 114.5
141 26.2 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 53.549 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

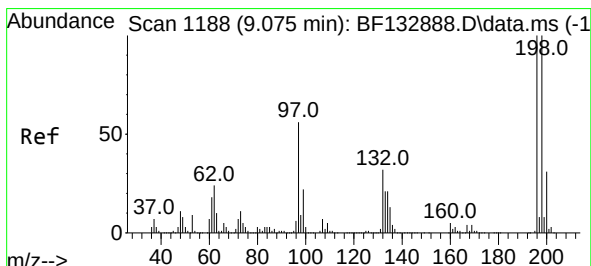
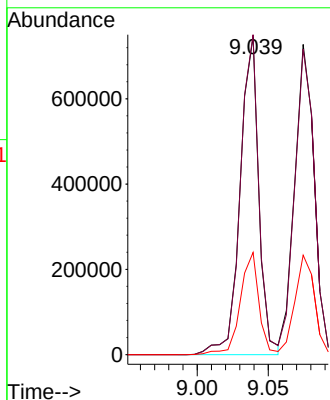
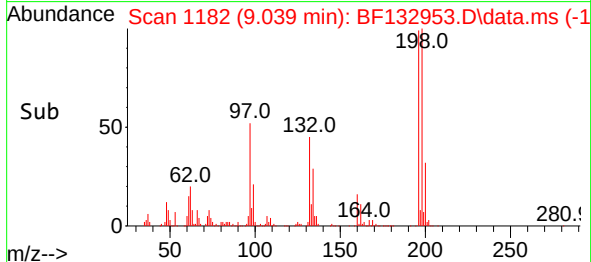
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



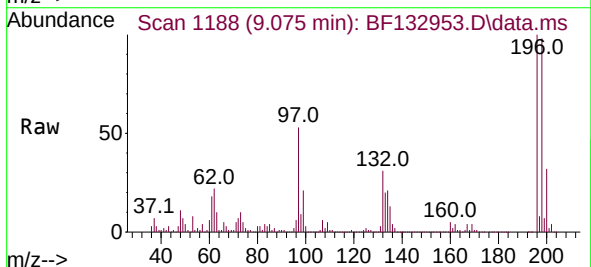
Tgt Ion:196 Resp: 681008
Ion Ratio Lower Upper
196 100
198 100.7 79.8 119.6
200 32.1 25.4 38.2

Manual Integrations
APPROVED

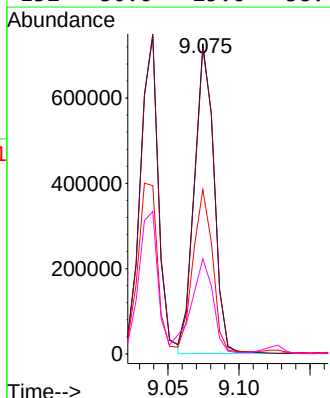
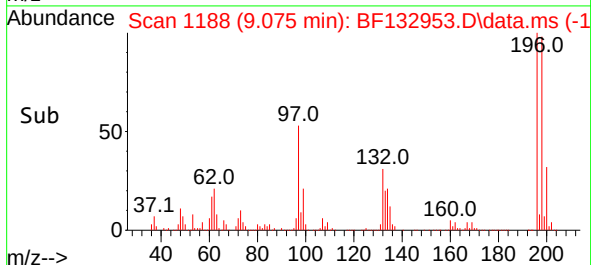
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

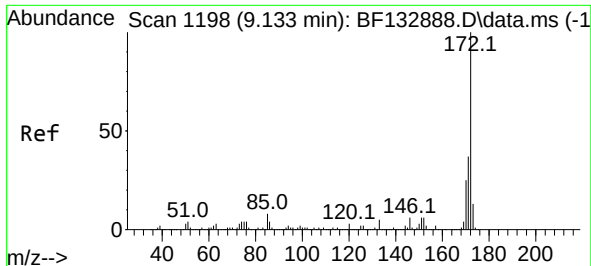


#44
2,4,5-Trichlorophenol
Concen: 46.778 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39



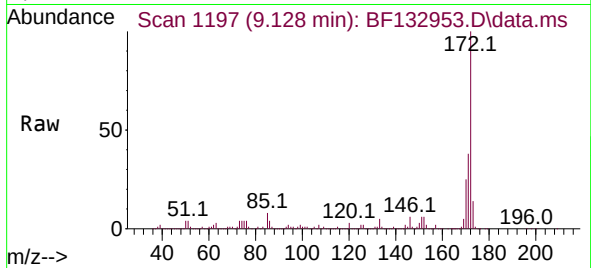
Tgt Ion:196 Resp: 695628
Ion Ratio Lower Upper
196 100
198 98.5 80.2 120.2
97 53.0 45.0 67.6
132 30.6 25.6 38.4





#45
2-Fluorobiphenyl
Concen: 84.383 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

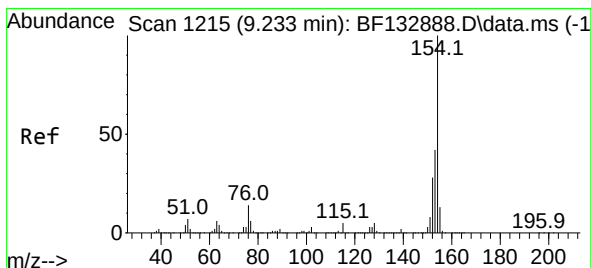
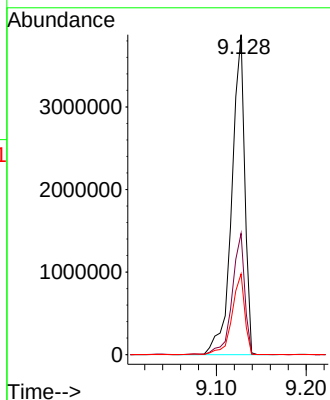
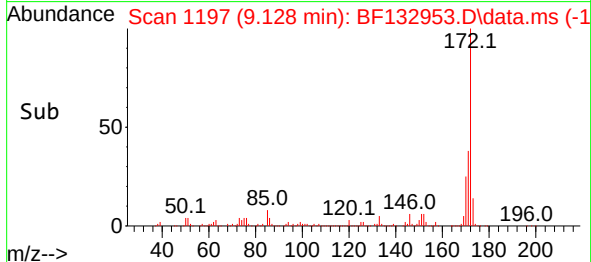
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:172 Resp: 3896037
Ion Ratio Lower Upper
172 100
171 37.9 29.4 44.0
170 25.2 20.1 30.1

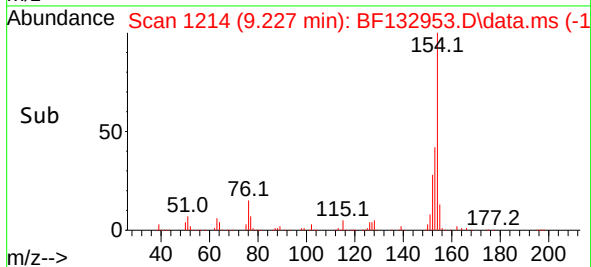
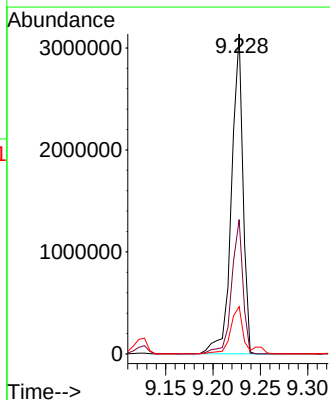
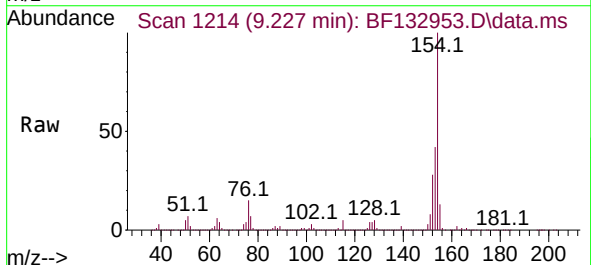
Manual Integrations
APPROVED

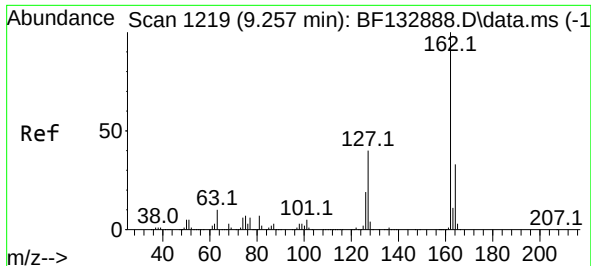
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#46
1,1'-Biphenyl
Concen: 47.028 ng
RT: 9.227 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

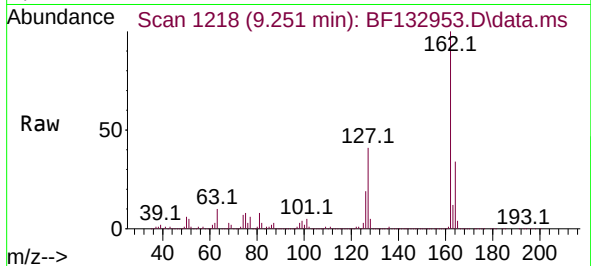
Tgt Ion:154 Resp: 2644308
Ion Ratio Lower Upper
154 100
153 42.0 21.8 61.8
76 14.8 0.0 34.0





#47
2-Chloronaphthalene
Concen: 47.816 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

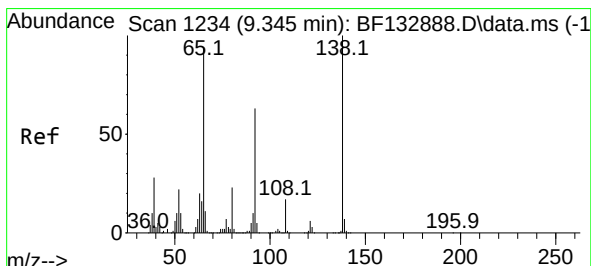
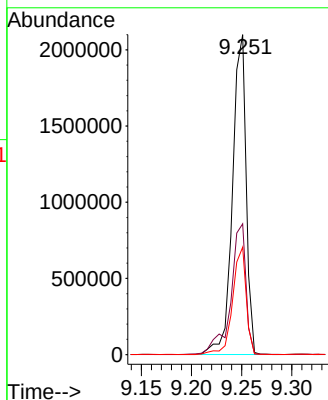
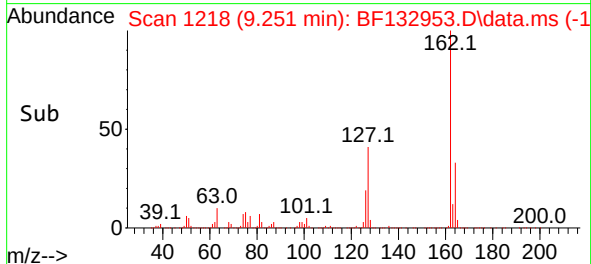
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:162 Resp: 1989599
Ion Ratio Lower Upper
162 100
127 40.9 32.2 48.2
164 33.6 26.5 39.7

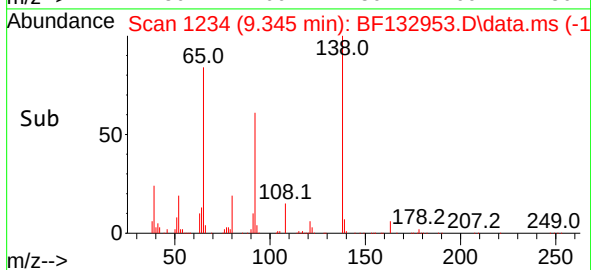
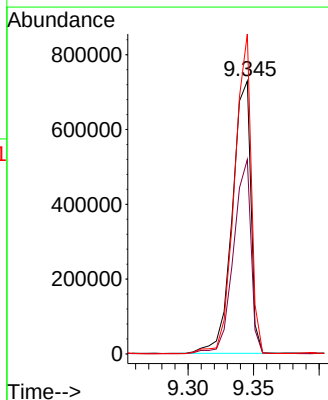
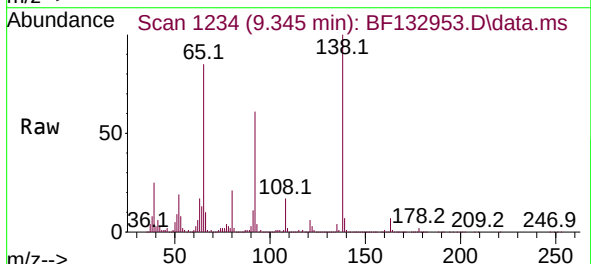
Manual Integrations
APPROVED

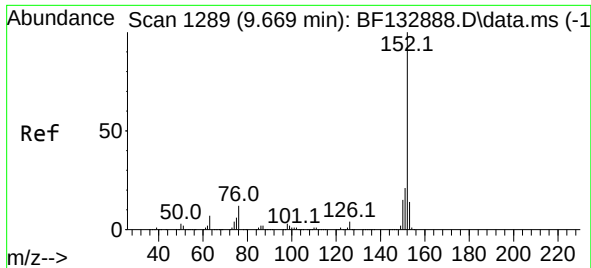
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#48
2-Nitroaniline
Concen: 59.331 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

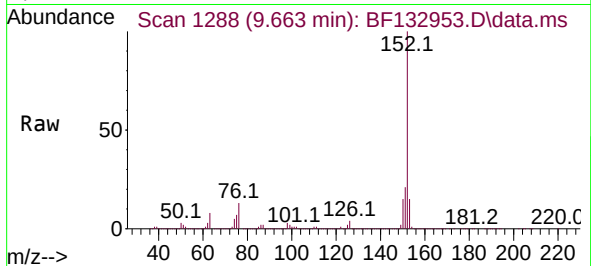
Tgt Ion: 65 Resp: 714187
Ion Ratio Lower Upper
65 100
92 71.2 53.5 80.3
138 117.3 84.8 127.2





#49
Acenaphthylene
Concen: 46.025 ng
RT: 9.663 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

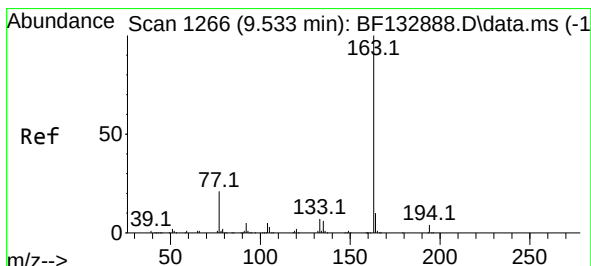
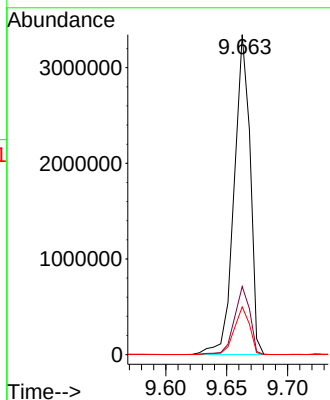
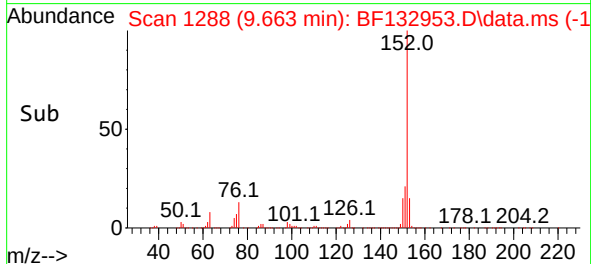
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:152 Resp: 3054473
Ion Ratio Lower Upper
152 100
151 21.3 16.4 24.6
153 14.9 11.4 17.0

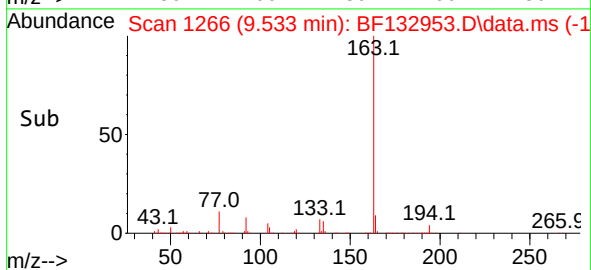
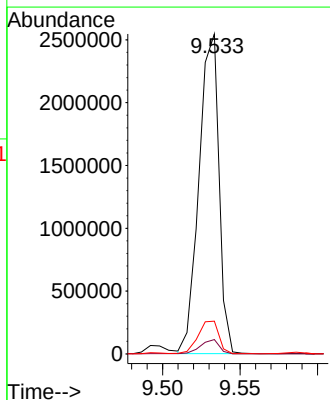
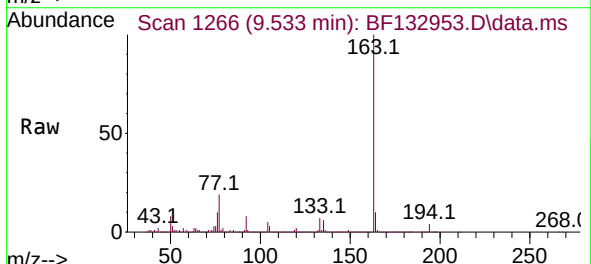
Manual Integrations
APPROVED

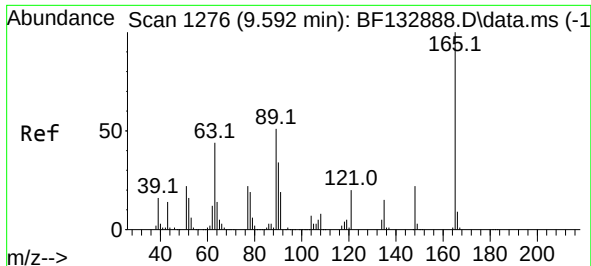
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#50
Dimethylphthalate
Concen: 46.546 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

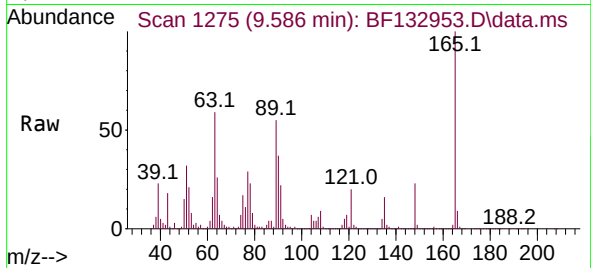
Tgt Ion:163 Resp: 2282480
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 52.226 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

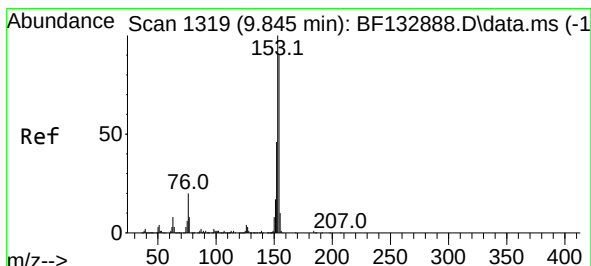
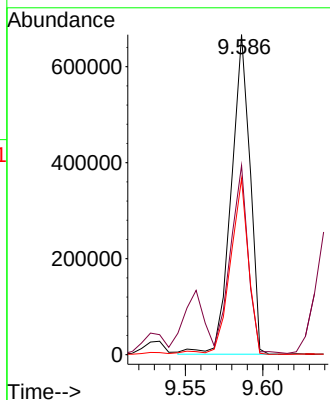
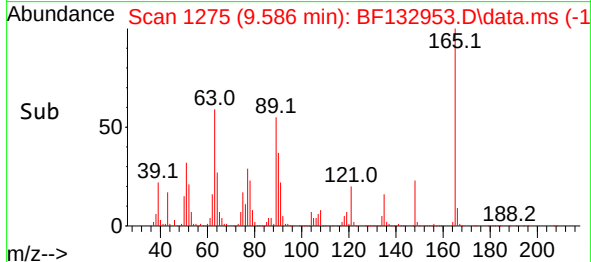
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



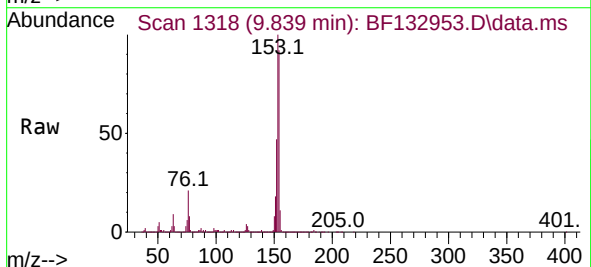
Tgt Ion:165 Resp: 561504
Ion Ratio Lower Upper
165 100
63 59.1 42.6 63.8
89 55.0 41.0 61.4

Manual Integrations
APPROVED

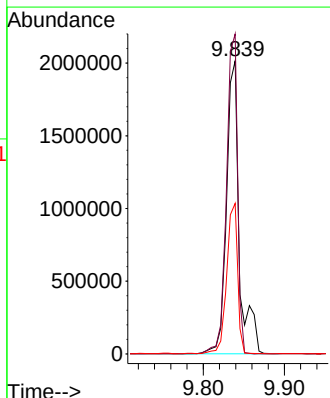
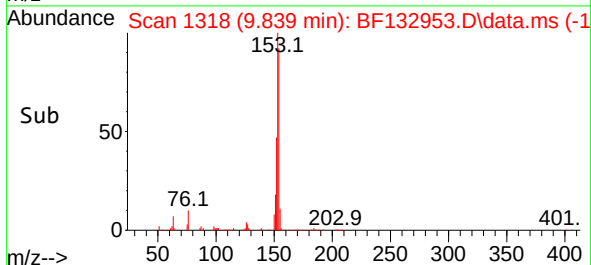
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

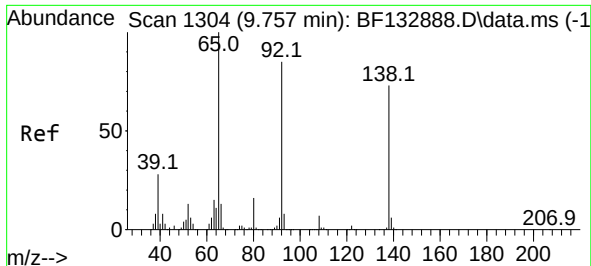


#52
Acenaphthene
Concen: 51.417 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39



Tgt Ion:154 Resp: 2198887
Ion Ratio Lower Upper
154 100
153 109.2 88.8 133.2
152 51.4 41.2 61.8





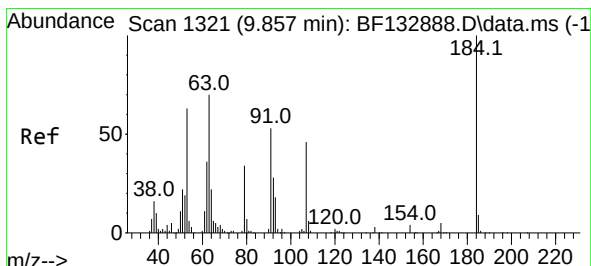
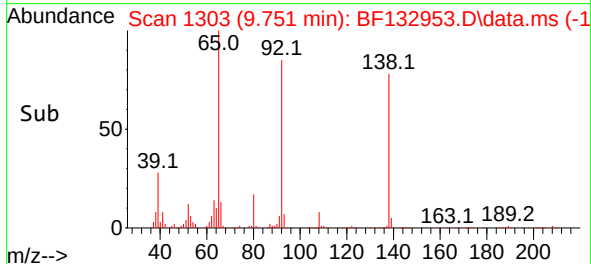
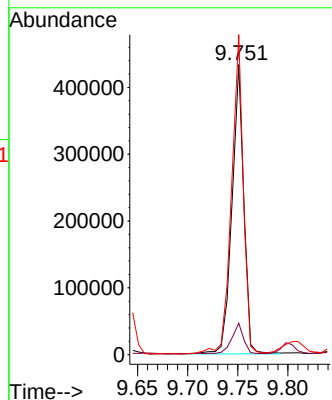
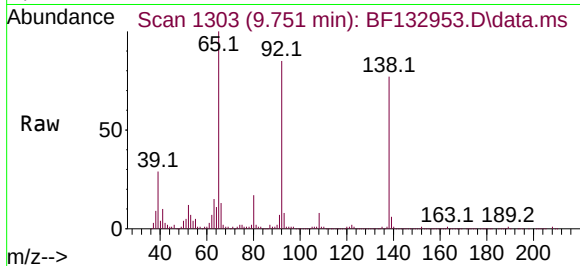
#53
3-Nitroaniline
Concen: 29.110 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

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

Tgt Ion:138 Resp: 356150
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 110.3 93.8 140.8

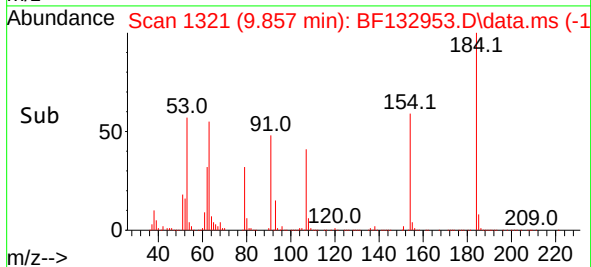
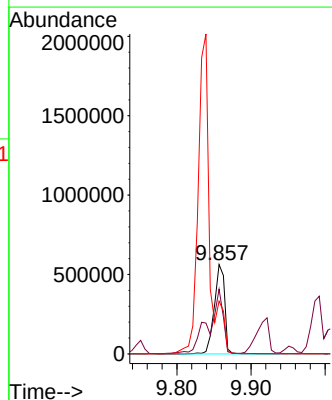
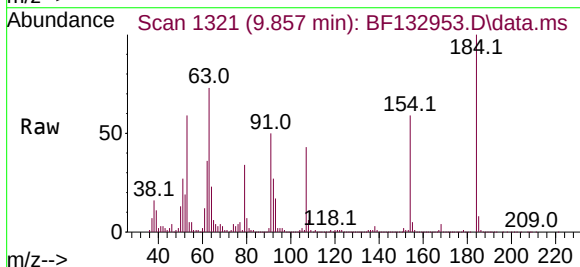
Manual Integrations
APPROVED

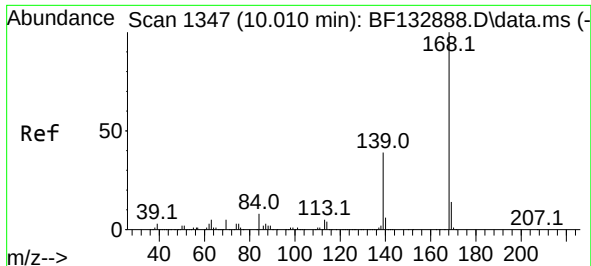
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#54
2,4-Dinitrophenol
Concen: 131.162 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

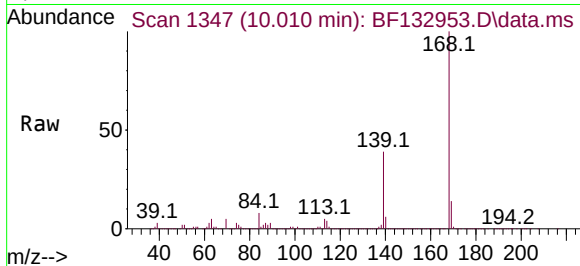
Tgt Ion:184 Resp: 549333
Ion Ratio Lower Upper
184 100
63 72.5 62.7 94.1
154 59.0 49.9 74.9





#55
Dibenzofuran
Concen: 45.485 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

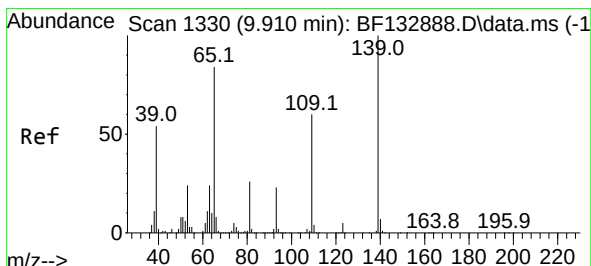
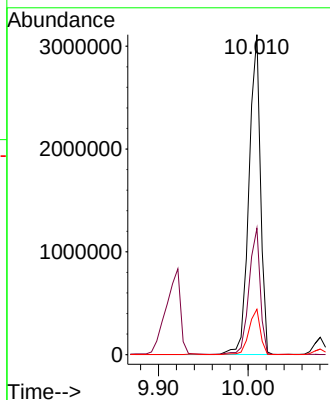
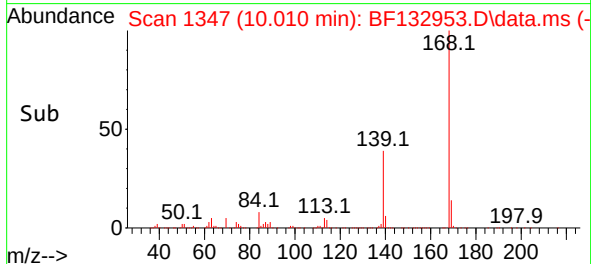
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:168 Resp: 2759823
Ion Ratio Lower Upper
168 100
139 39.5 31.4 47.0
169 14.2 11.2 16.8

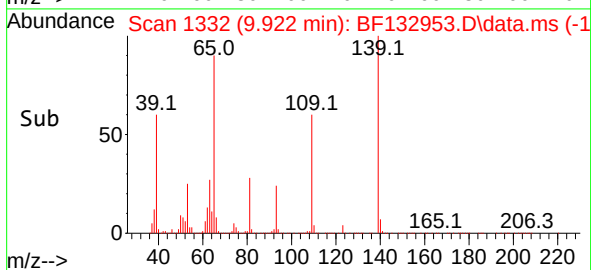
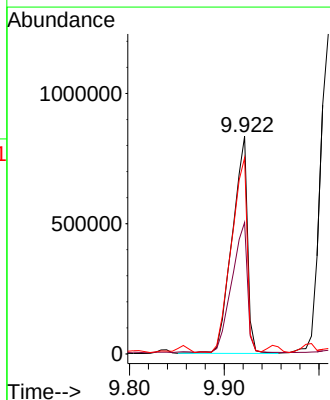
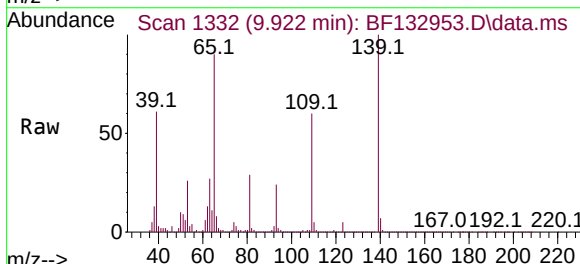
Manual Integrations
APPROVED

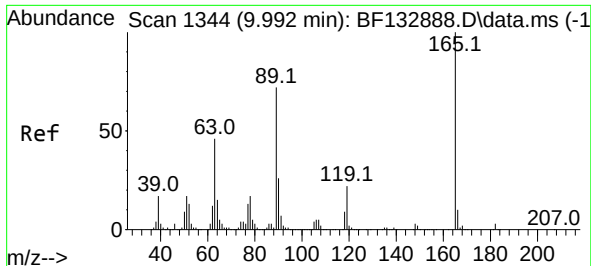
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#56
4-Nitrophenol
Concen: 103.072 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.018 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

Tgt Ion:139 Resp: 936744
Ion Ratio Lower Upper
139 100
109 60.4 40.4 80.4
65 90.1 64.2 104.2





#57

2,4-Dinitrotoluene

Concen: 55.666 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.006 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MSD

Tgt Ion:165 Resp: 738652

Ion Ratio Lower Upper

165 100

63 42.3 37.0 55.6

89 64.5 57.8 86.6

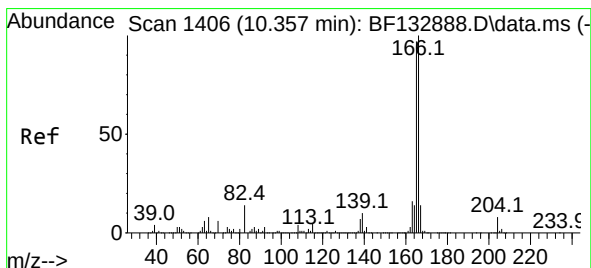
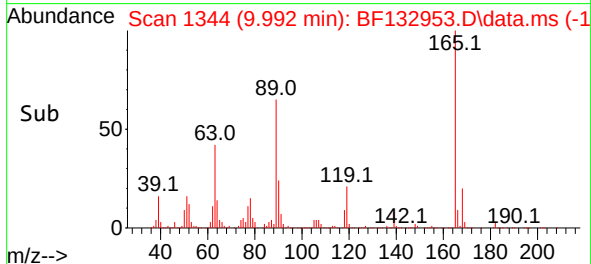
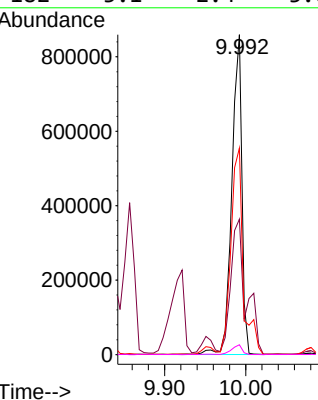
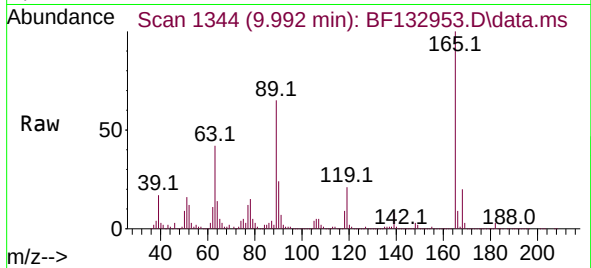
182 3.1 2.4 3.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#58

Fluorene

Concen: 45.320 ng

RT: 10.351 min Scan# 1405

Delta R.T. 0.006 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

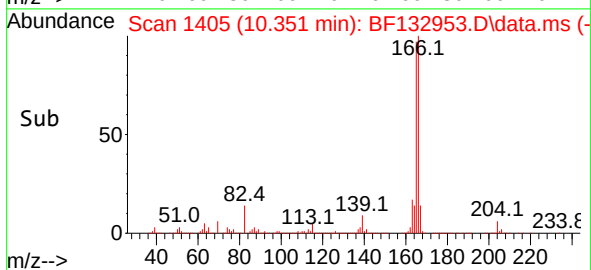
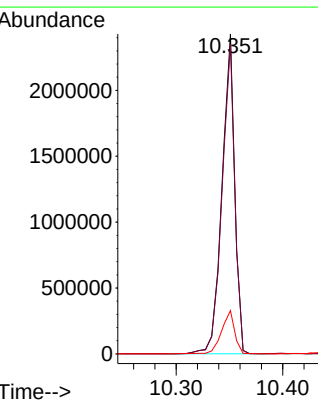
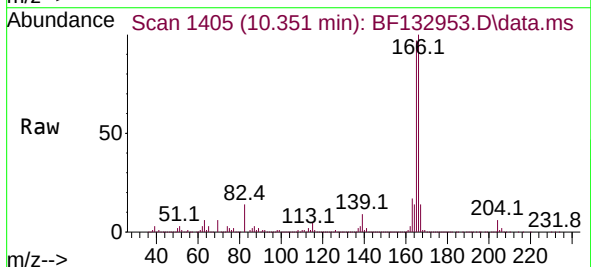
Tgt Ion:166 Resp: 2014325

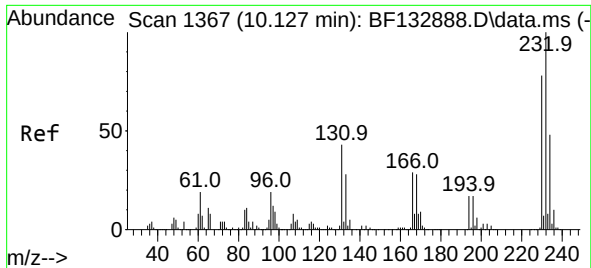
Ion Ratio Lower Upper

166 100

165 96.8 78.0 117.0

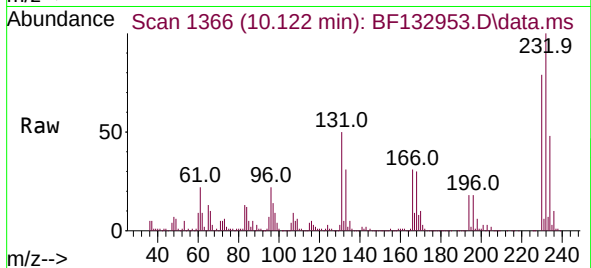
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.848 ng
RT: 10.122 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

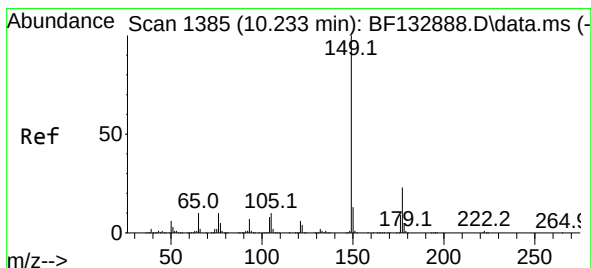
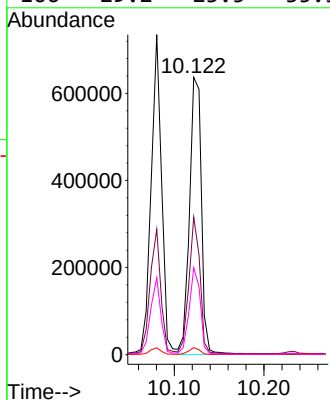
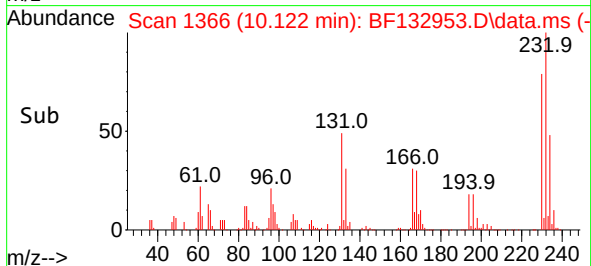
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



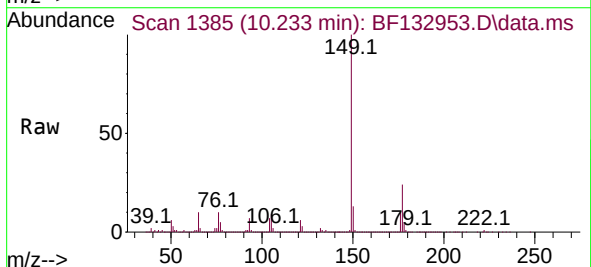
Tgt Ion:232 Resp: 586856
Ion Ratio Lower Upper
232 100
131 45.8 35.9 53.9
130 2.3 1.8 2.8
166 29.2 23.5 35.3

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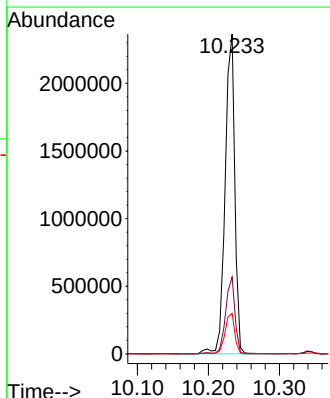
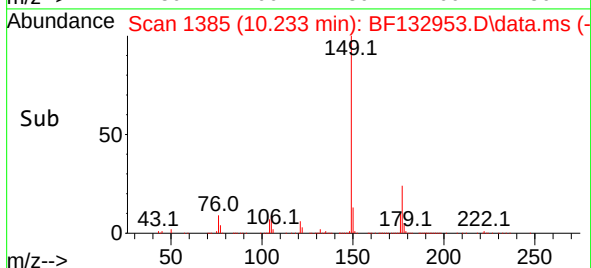
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

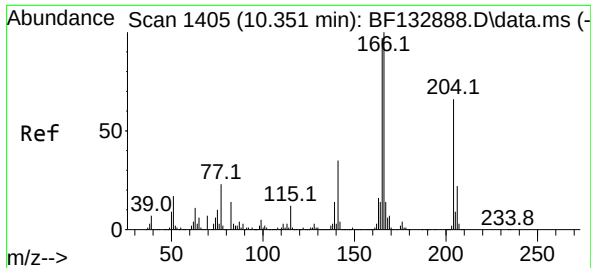


#60
Diethylphthalate
Concen: 48.794 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.012 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39



Tgt Ion:149 Resp: 2235887
Ion Ratio Lower Upper
149 100
177 24.0 18.5 27.7
150 12.7 10.3 15.5





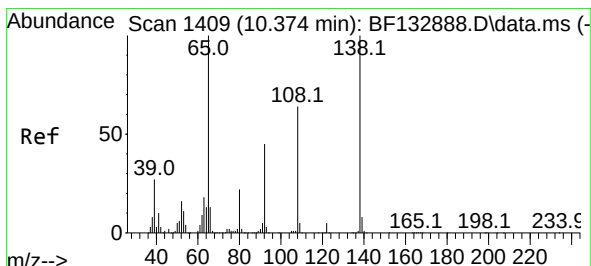
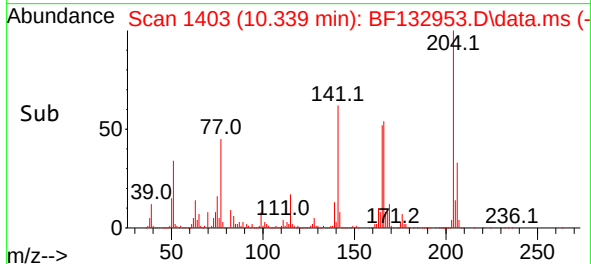
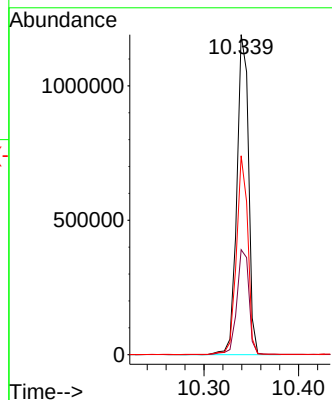
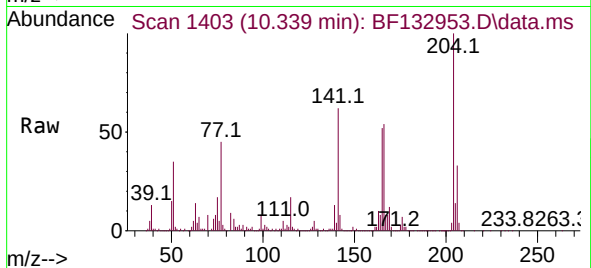
#61
4-Chlorophenyl-phenylether
Concen: 45.415 ng
RT: 10.339 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

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

Tgt Ion:204 Resp: 1026698
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 62.2 43.1 64.7

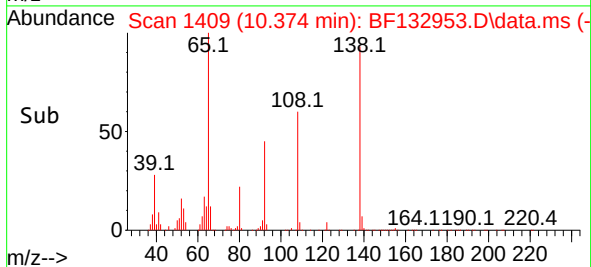
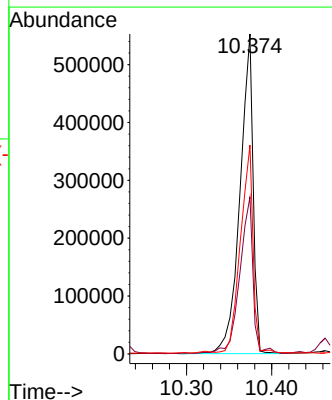
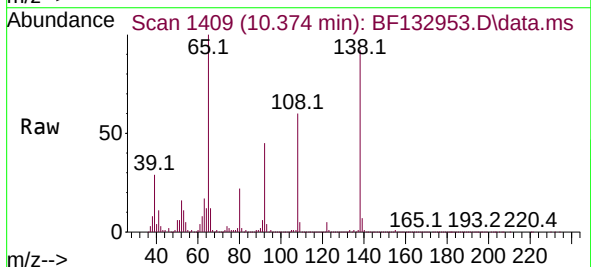
Manual Integrations
APPROVED

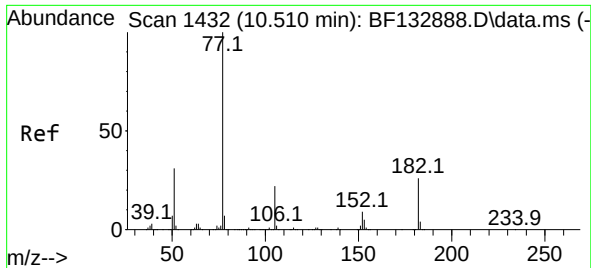
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#62
4-Nitroaniline
Concen: 50.224 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

Tgt Ion:138 Resp: 590603
Ion Ratio Lower Upper
138 100
92 49.0 25.0 65.0
108 65.2 44.2 84.2





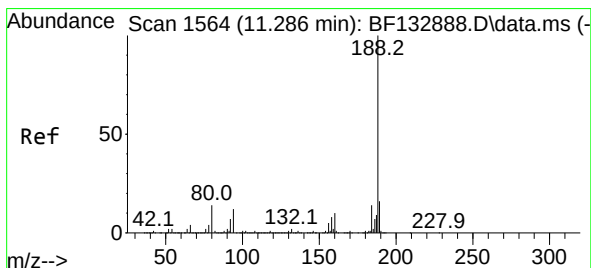
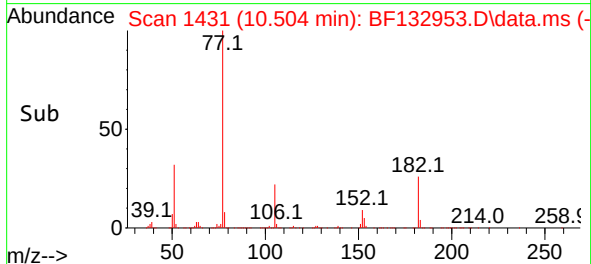
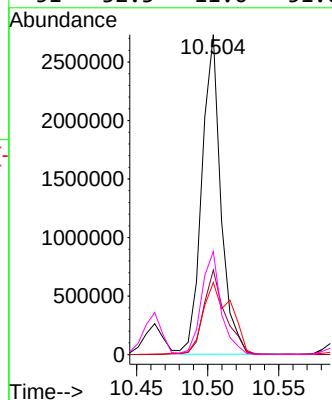
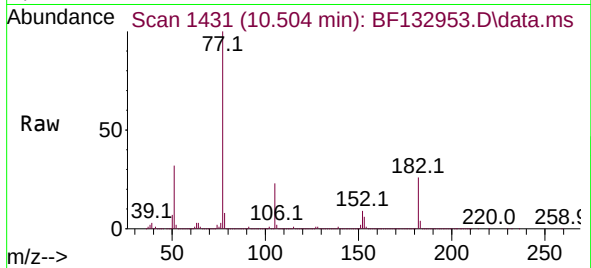
#63
Azobenzene
Concen: 49.364 ng
RT: 10.504 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

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

Tgt Ion: 77 Resp: 2526708
Ion Ratio Lower Upper
77 100
182 26.4 6.0 46.0
105 22.5 1.6 41.6
51 32.3 11.6 51.6

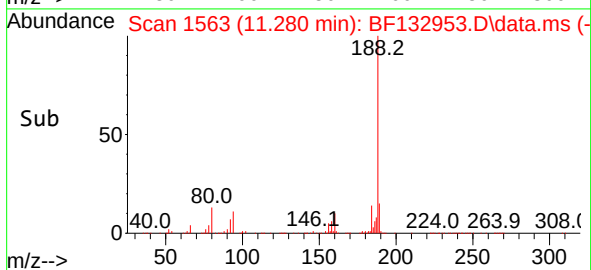
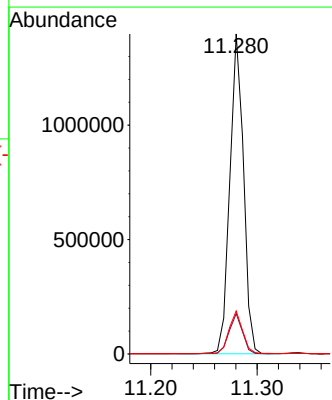
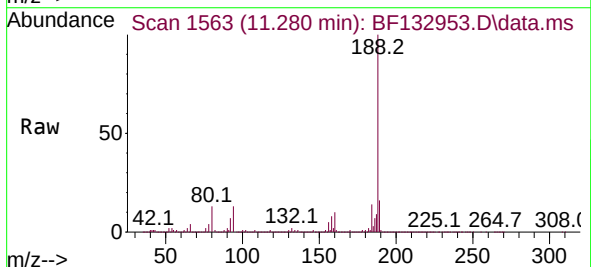
Manual Integrations
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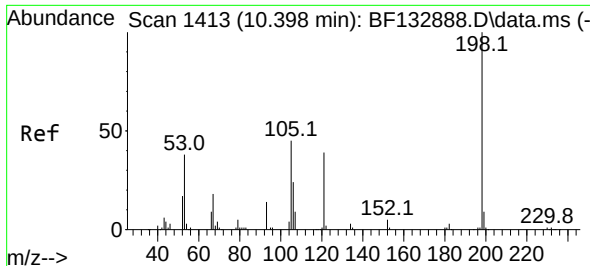
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

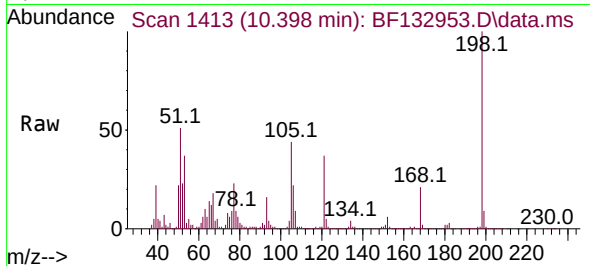
Tgt Ion:188 Resp: 1250815
Ion Ratio Lower Upper
188 100
94 12.6 9.9 14.9
80 13.4 10.8 16.2





#65
4,6-Dinitro-2-methylphenol
Concen: 64.209 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

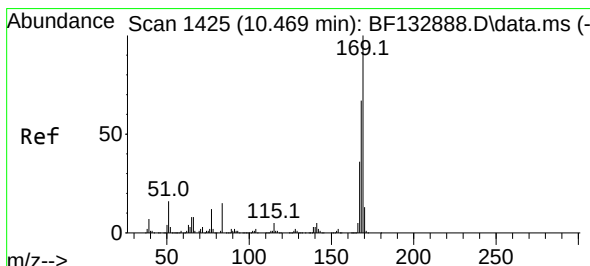
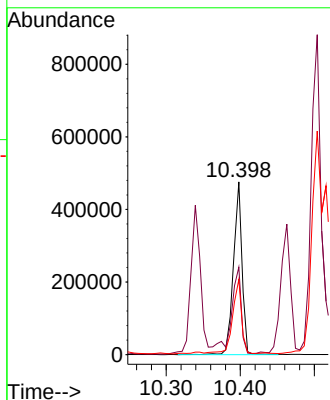
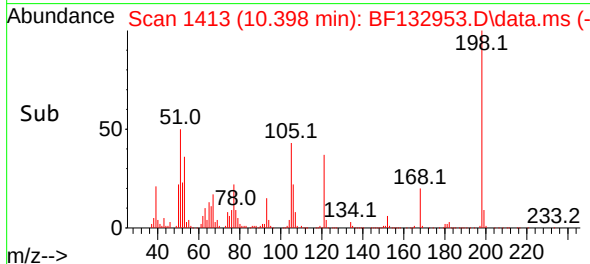
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:198 Resp: 384629
Ion Ratio Lower Upper
198 100
51 50.6 34.6 74.6
105 43.5 25.6 65.6

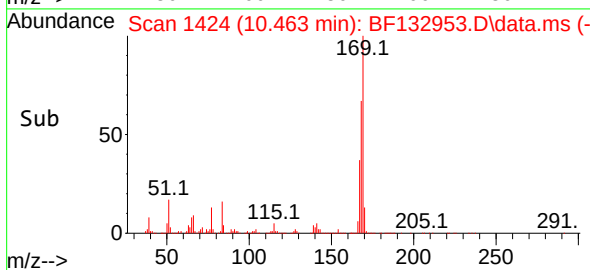
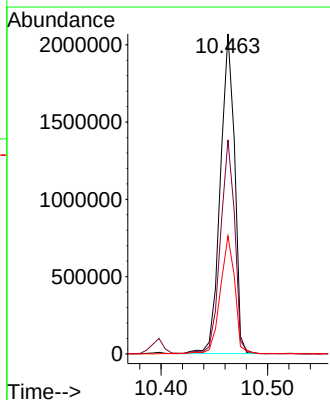
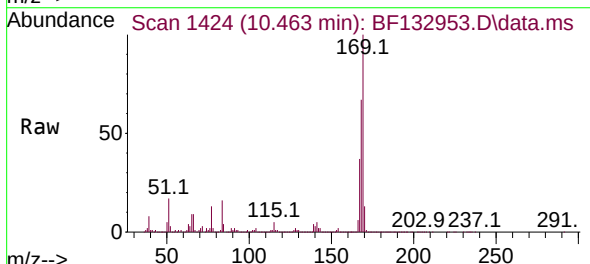
Manual Integrations
APPROVED

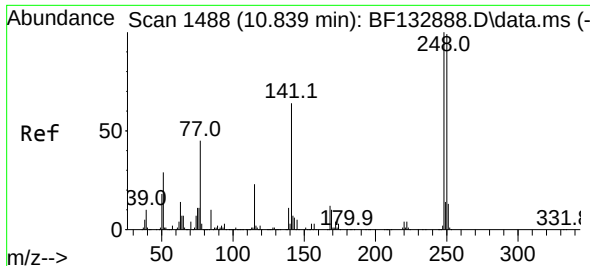
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#66
n-Nitrosodiphenylamine
Concen: 47.428 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

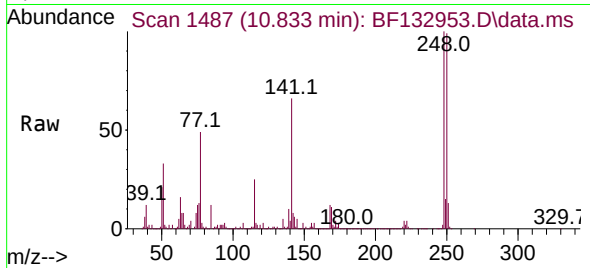
Tgt Ion:169 Resp: 1932085
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.0
167 36.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.421 ng
RT: 10.833 min Scan# 1487
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

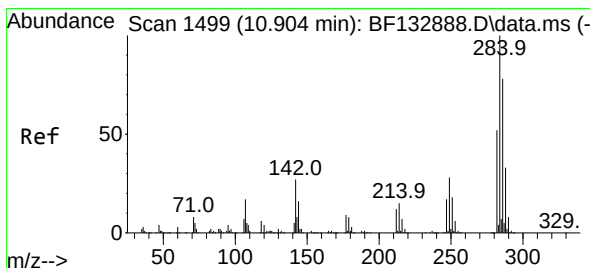
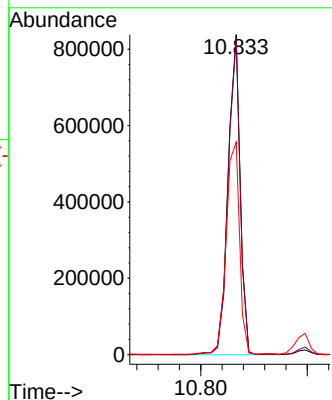
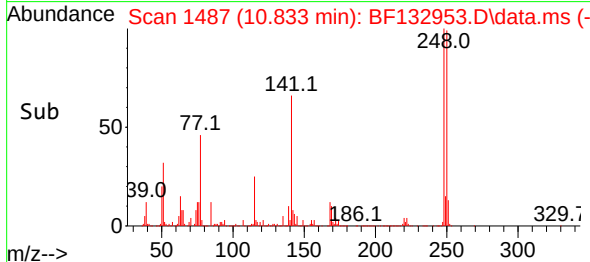
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:248 Resp: 663033
Ion Ratio Lower Upper
248 100
250 98.8 79.1 118.7
141 66.4 51.0 76.6

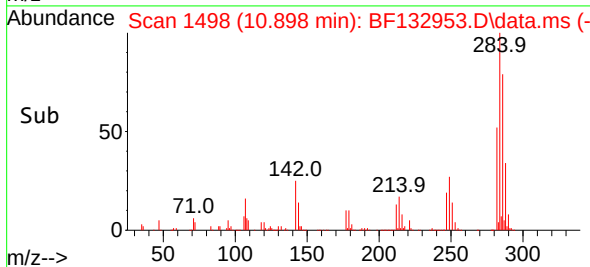
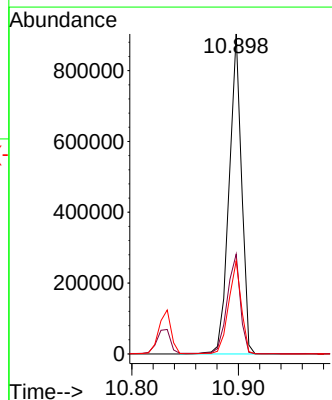
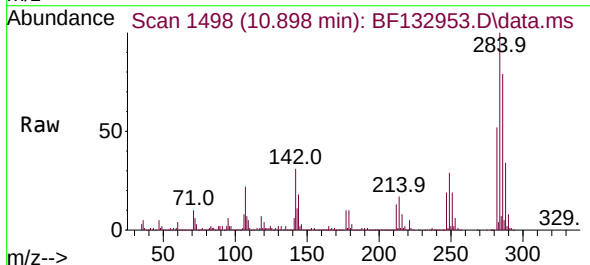
Manual Integrations
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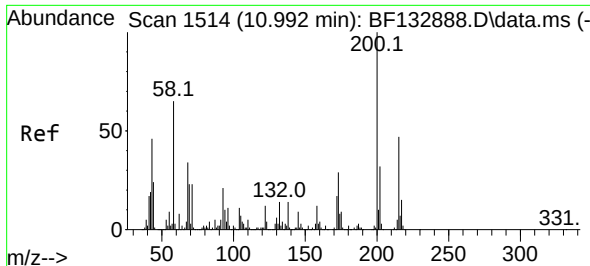
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#68
Hexachlorobenzene
Concen: 49.465 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

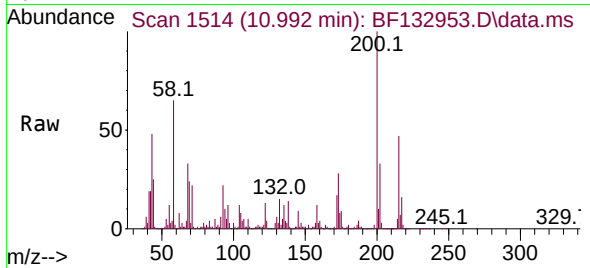
Tgt Ion:284 Resp: 732987
Ion Ratio Lower Upper
284 100
142 31.2 22.0 33.0
249 29.1 22.6 34.0





#69
Atrazine
Concen: 53.251 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

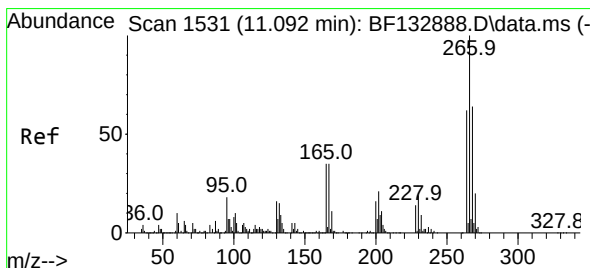
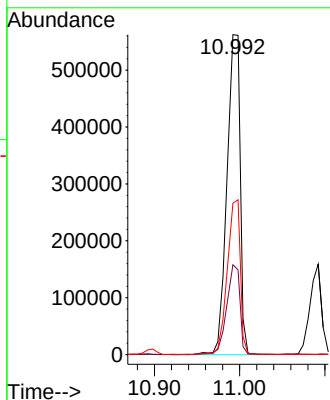
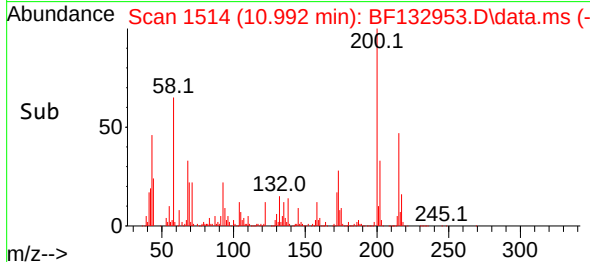
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:200 Resp: 60633
Ion Ratio Lower Upper
200 100
173 28.1 8.7 48.7
215 47.3 27.2 67.2

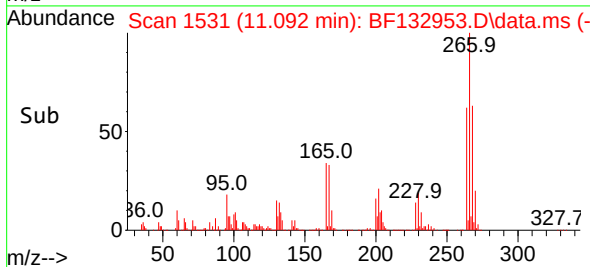
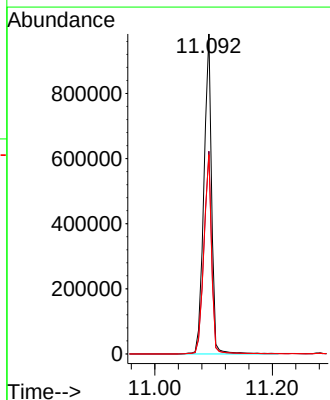
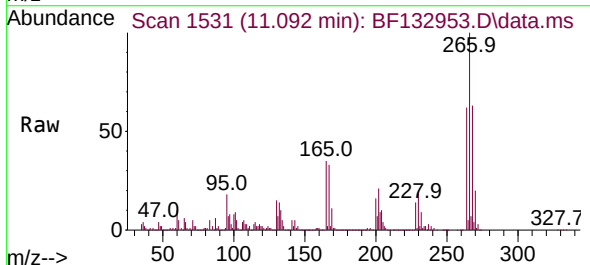
Manual Integrations
APPROVED

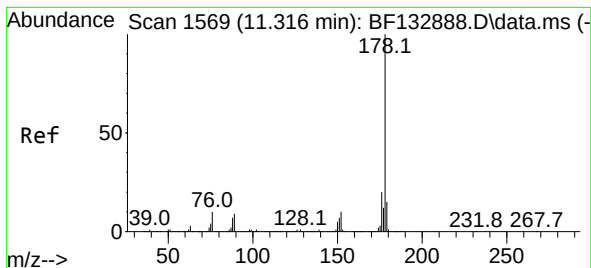
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#70
Pentachlorophenol
Concen: 93.614 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

Tgt Ion:266 Resp: 895150
Ion Ratio Lower Upper
266 100
268 63.3 50.9 76.3
264 62.3 49.8 74.6





#71

Phenanthrene

Concen: 45.581 ng

RT: 11.310 min Scan# 1569

Delta R.T. 0.006 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MSD

Tgt Ion:178 Resp: 3066679

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

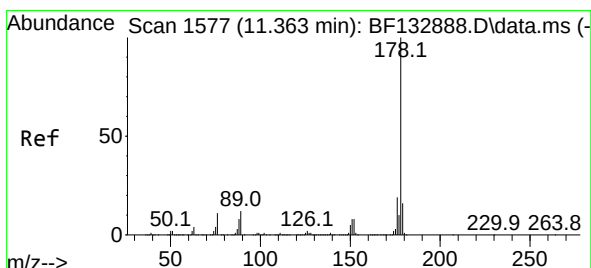
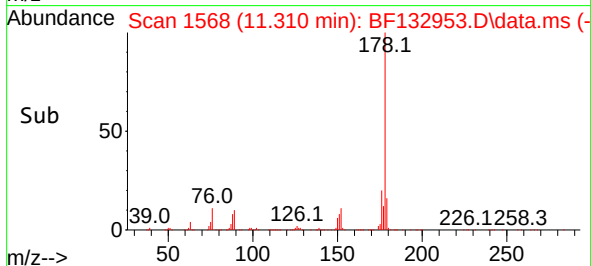
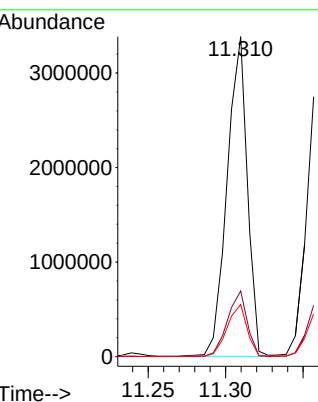
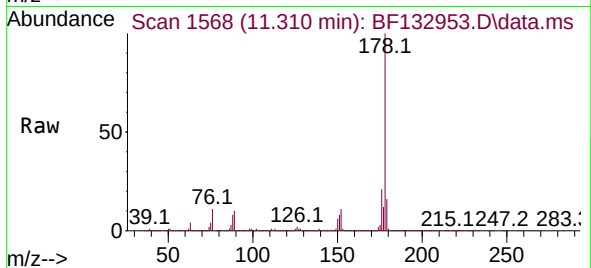
179 16.3 12.3 18.5

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Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#72

Anthracene

Concen: 45.141 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

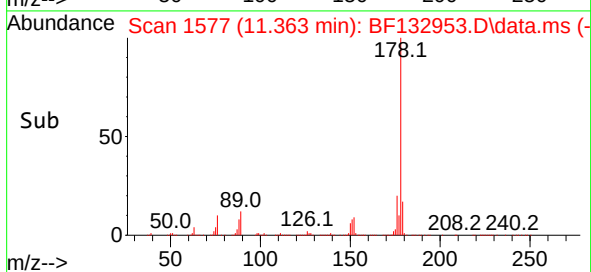
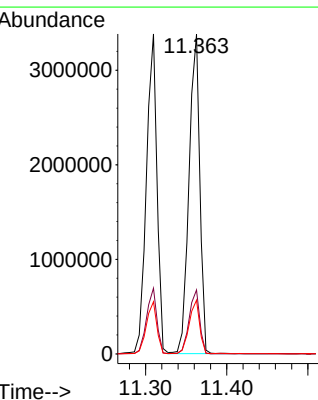
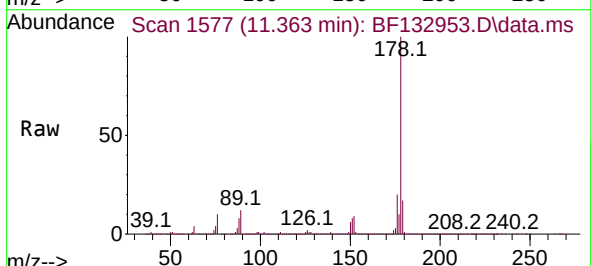
Tgt Ion:178 Resp: 3109005

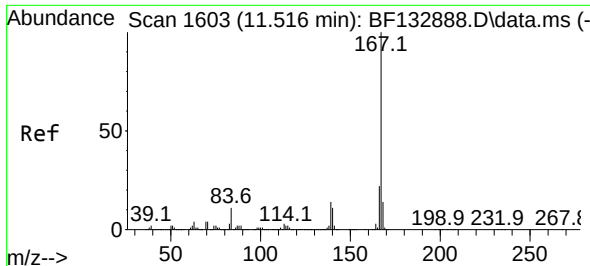
Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

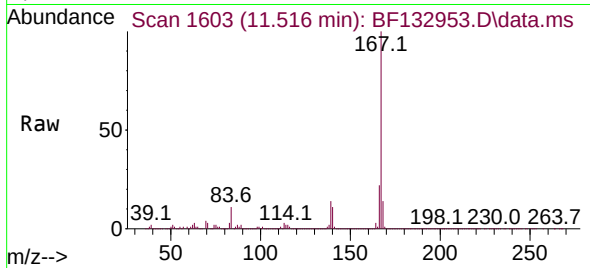
179 16.8 12.8 19.2





#73
 Carbazole
 Concen: 47.211 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.006 min
 Lab File: BF132953.D
 Acq: 20 Apr 2023 23:39

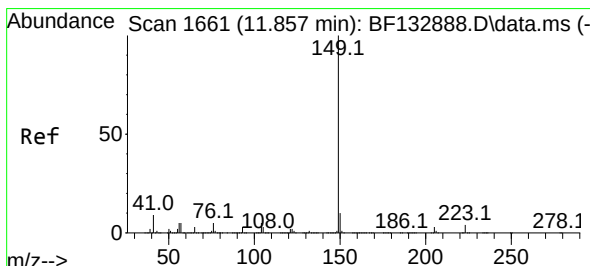
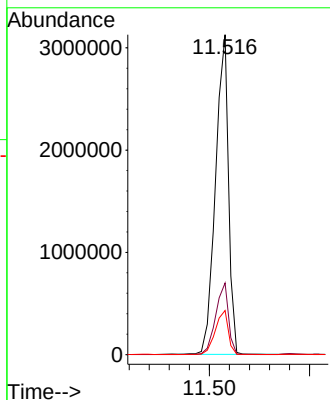
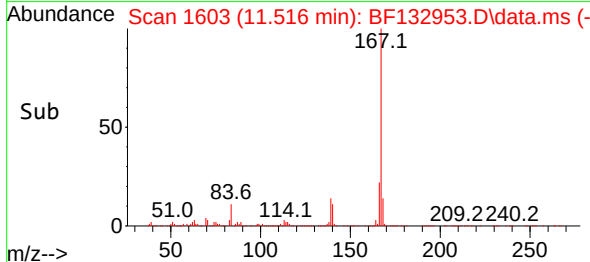
Instrument :
 BNA_F
 ClientSampleId :
 SPA-1WC-23-04MSD



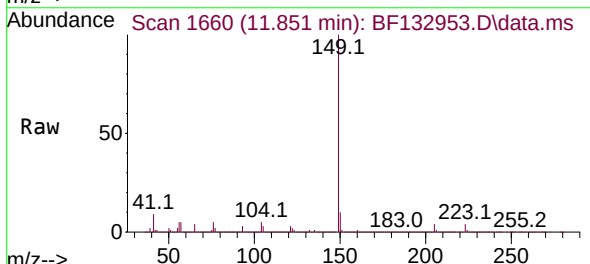
Tgt Ion:167 Resp: 2813491
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.2
 139 13.8 11.0 16.4

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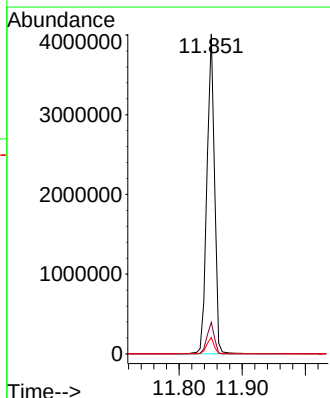
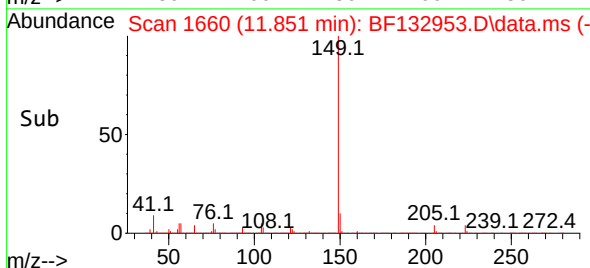
Reviewed By :Christian Giraldo 04/21/2023
 Supervised By :Jagrut Upadhyay 04/21/2023

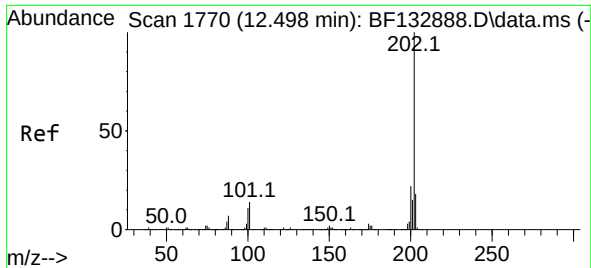


#74
 Di-n-butylphthalate
 Concen: 52.149 ng
 RT: 11.851 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF132953.D
 Acq: 20 Apr 2023 23:39



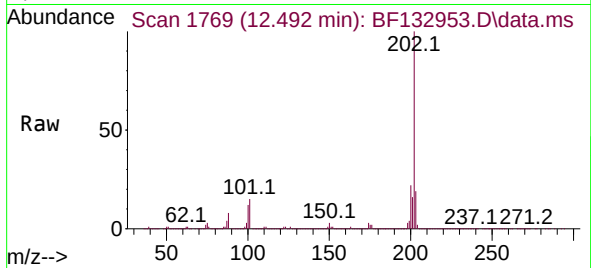
Tgt Ion:149 Resp: 3331525
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 46.853 ng
RT: 12.492 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

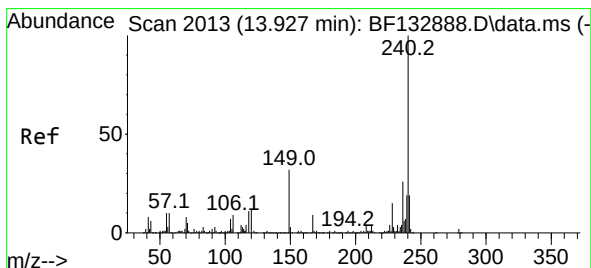
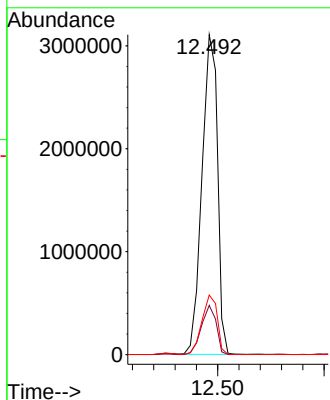
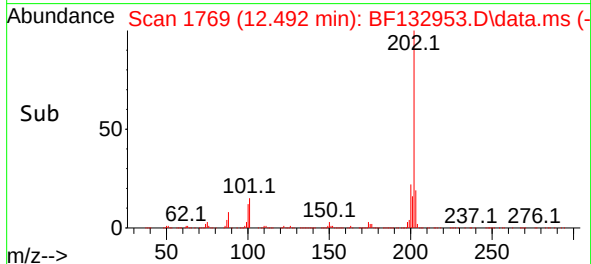
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:202 Resp: 3134788
Ion Ratio Lower Upper
202 100
101 15.4 0.0 34.5
203 18.6 0.0 38.2

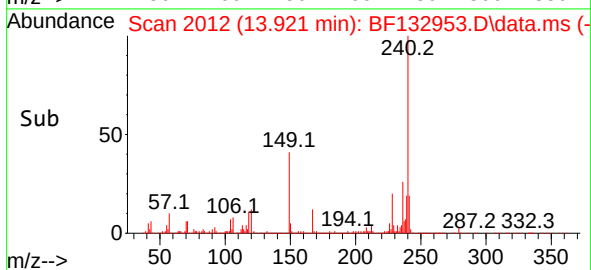
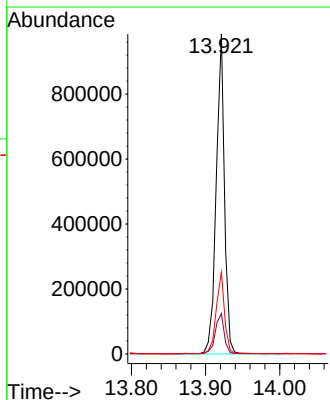
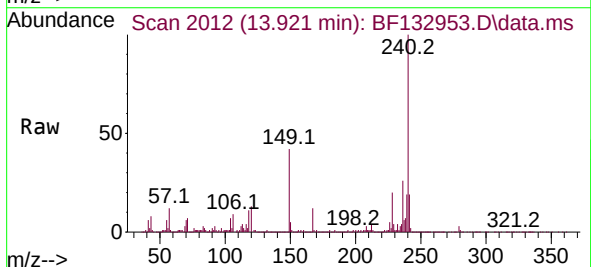
Manual Integrations
APPROVED

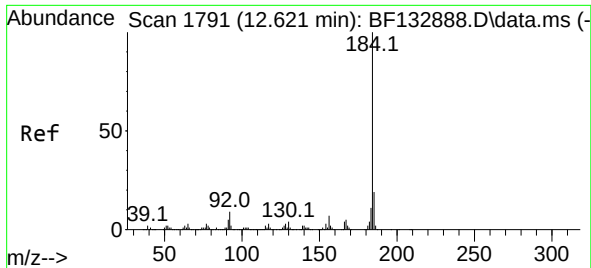
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

Tgt Ion:240 Resp: 769100
Ion Ratio Lower Upper
240 100
120 12.6 10.0 15.0
236 25.6 20.8 31.2





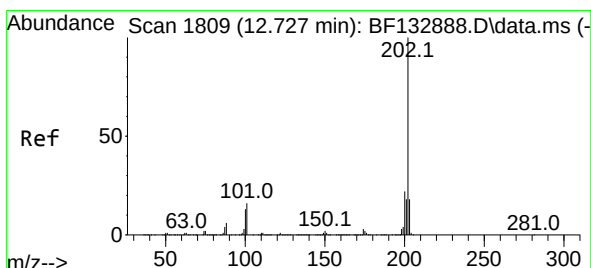
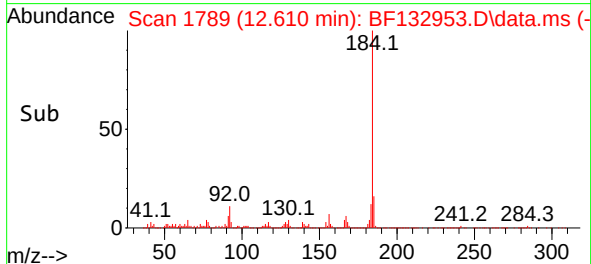
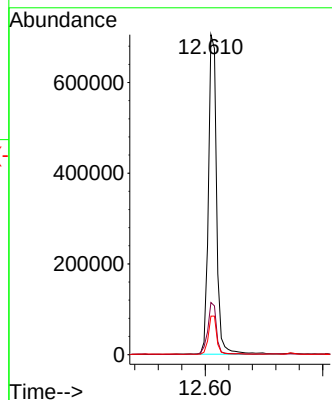
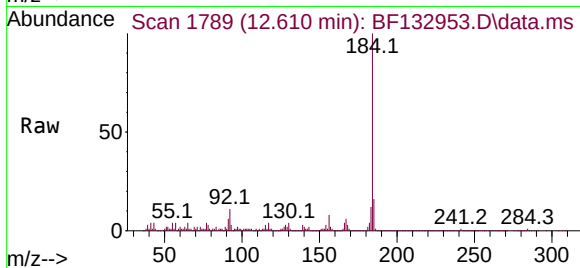
#77
Benzidine
Concen: 57.038 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

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

Tgt Ion:184 Resp: 68335
Ion Ratio Lower Upper
184 100
185 16.3 14.9 22.3
183 12.0 9.0 13.6

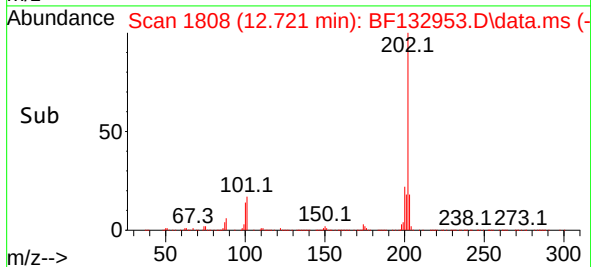
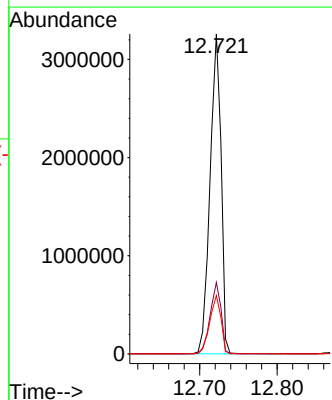
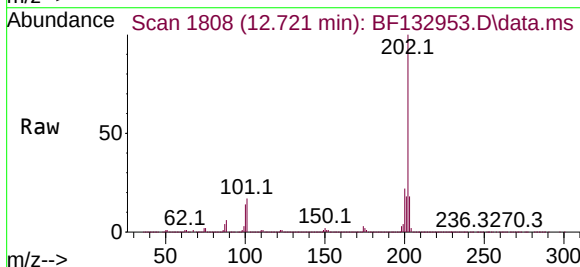
Manual Integrations
APPROVED

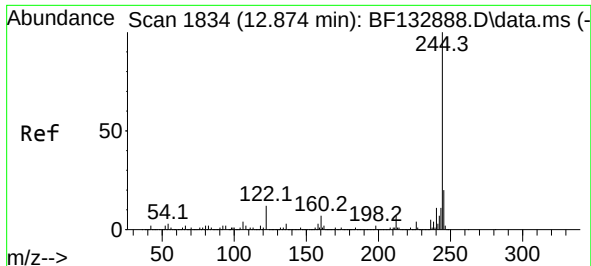
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#78
Pyrene
Concen: 51.117 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

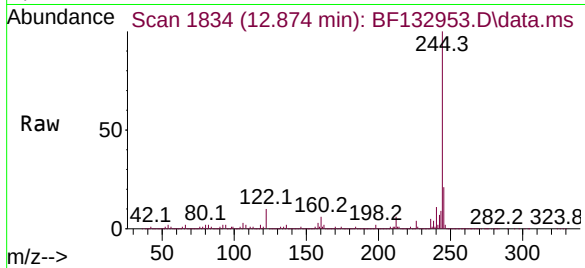
Tgt Ion:202 Resp: 3214674
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 18.2 14.6 22.0





#79
 Terphenyl-d14
 Concen: 95.491 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: BF132953.D
 Acq: 20 Apr 2023 23:39

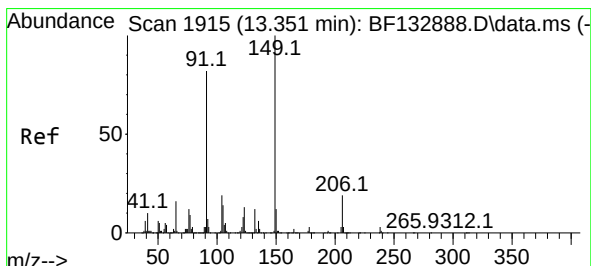
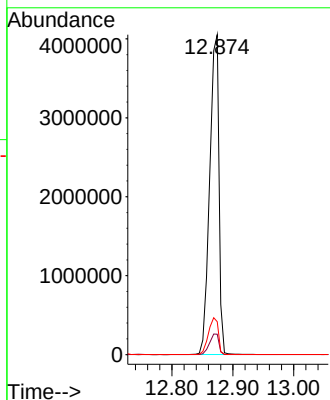
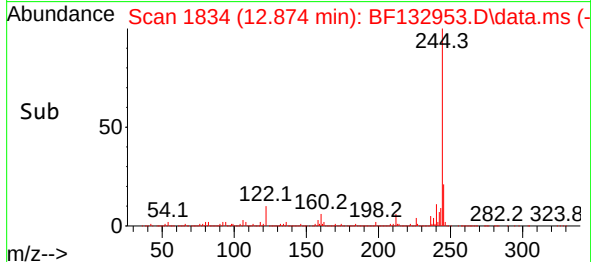
Instrument :
 BNA_F
 ClientSampleId :
 SPA-1WC-23-04MSD



Tgt Ion:244 Resp: 4304729
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.3 9.6 14.4

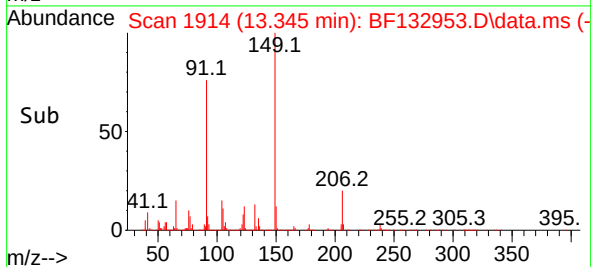
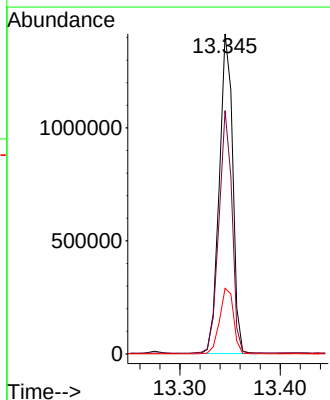
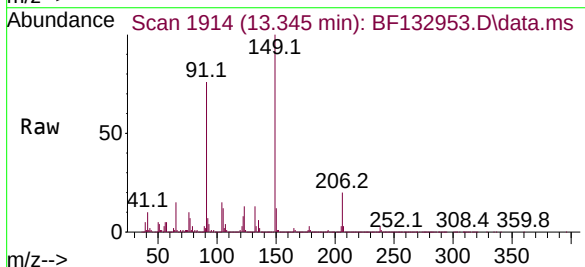
Manual Integrations
 APPROVED

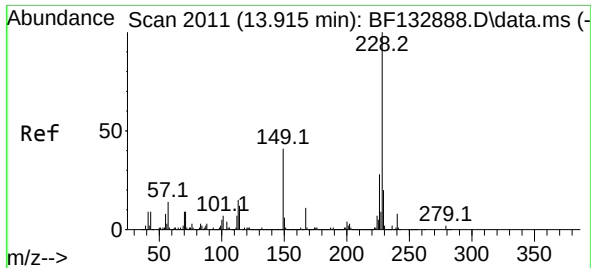
Reviewed By :Christian Giraldo 04/21/2023
 Supervised By :Jagrut Upadhyay 04/21/2023



#80
 Butylbenzylphthalate
 Concen: 82.586 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: BF132953.D
 Acq: 20 Apr 2023 23:39

Tgt Ion:149 Resp: 1316213
 Ion Ratio Lower Upper
 149 100
 91 76.0 65.4 98.0
 206 20.5 15.6 23.4





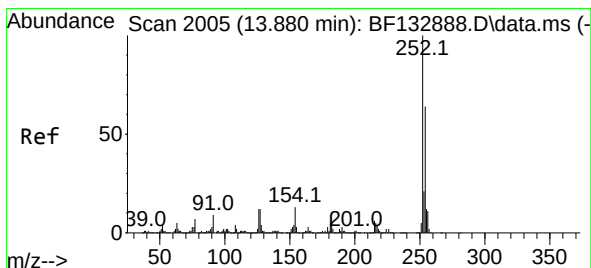
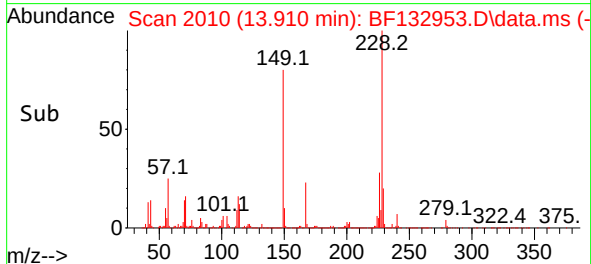
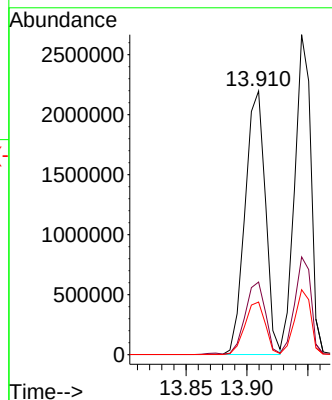
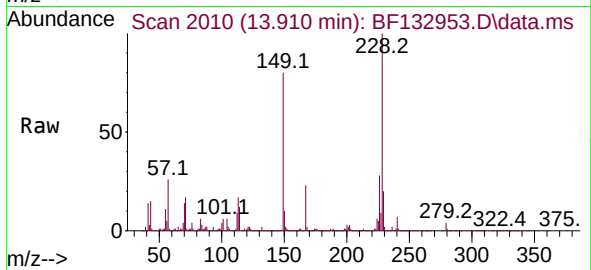
#81
Benzo(a)anthracene
Concen: 48.758 ng
RT: 13.910 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

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

Tgt Ion:228 Resp: 2550292
Ion Ratio Lower Upper
228 100
226 27.5 22.4 33.6
229 19.9 16.2 24.2

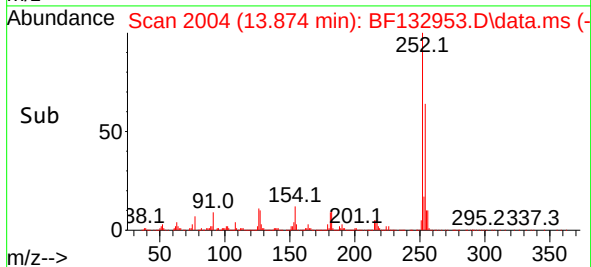
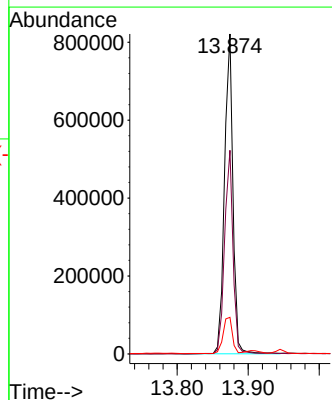
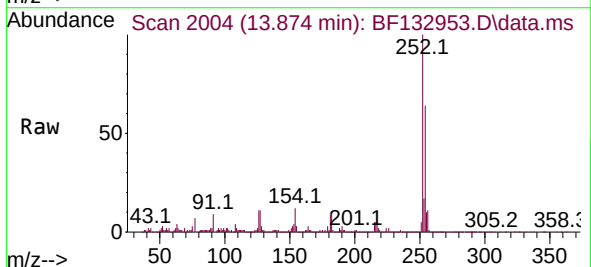
Manual Integrations
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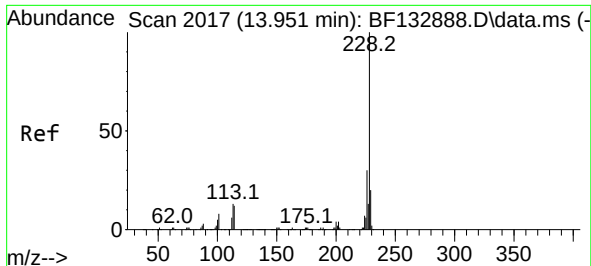
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#82
3,3'-Dichlorobenzidine
Concen: 53.653 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

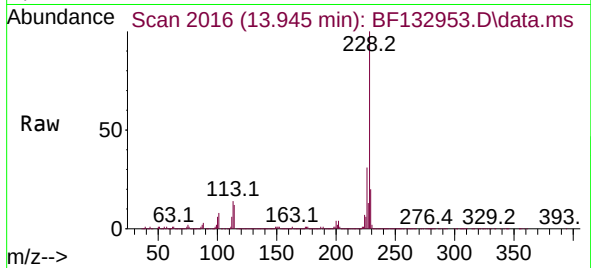
Tgt Ion:252 Resp: 678825
Ion Ratio Lower Upper
252 100
254 63.6 51.0 76.6
126 11.4 9.8 14.6





#83
Chrysene
Concen: 47.764 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

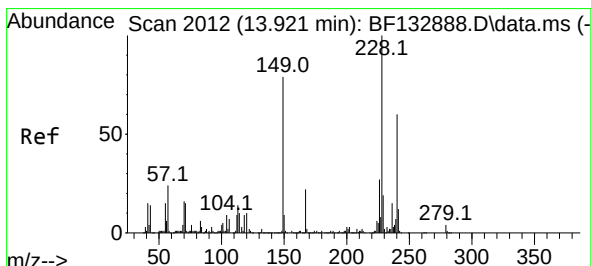
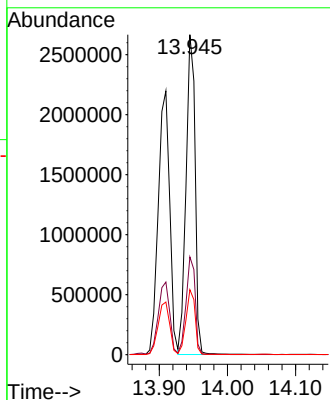
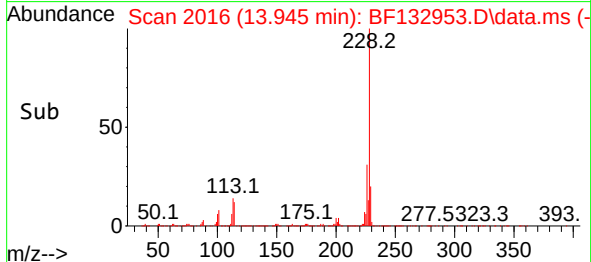
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:228 Resp: 2483133
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.3 16.2 24.4

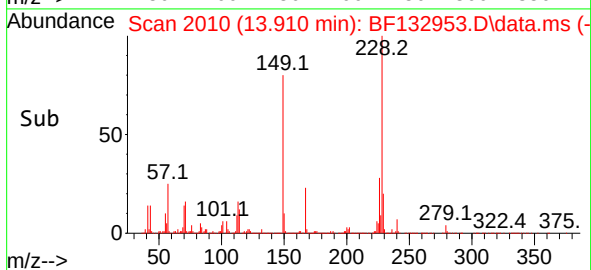
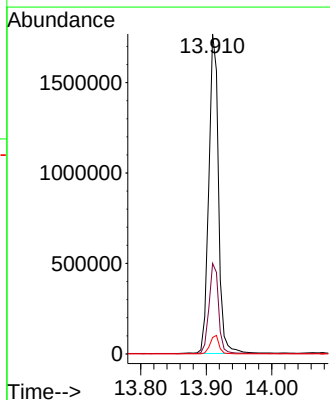
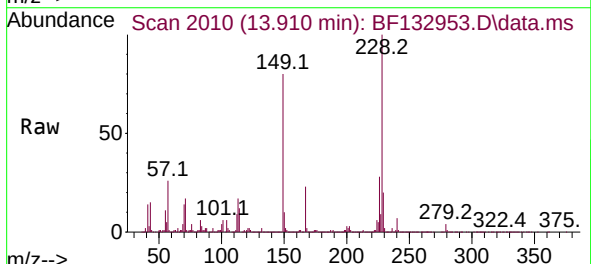
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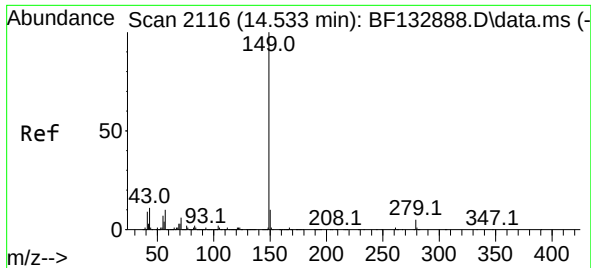
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 91.150 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

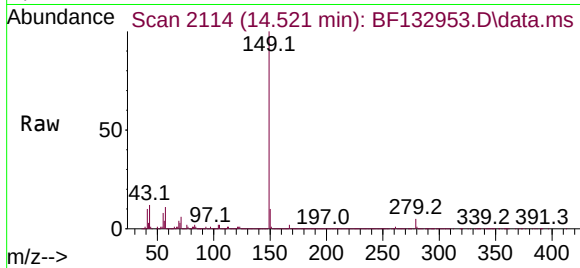
Tgt Ion:149 Resp: 1813237
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 5.1 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 60.543 ng
RT: 14.521 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

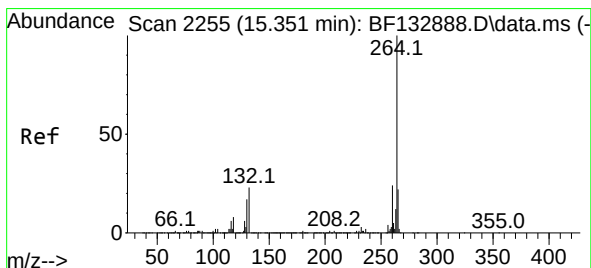
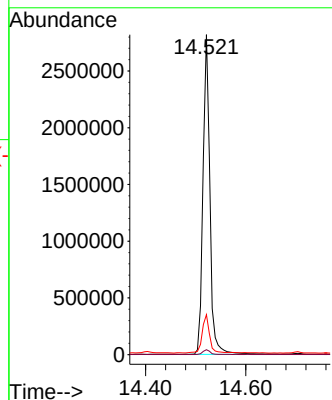
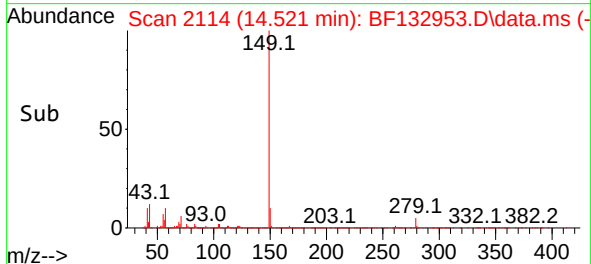
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion:149 Resp: 2700939
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.4 11.5 17.3

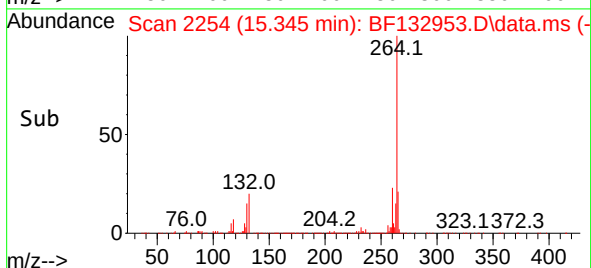
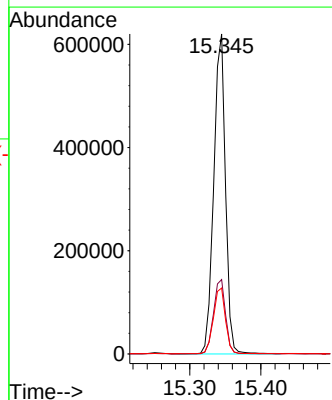
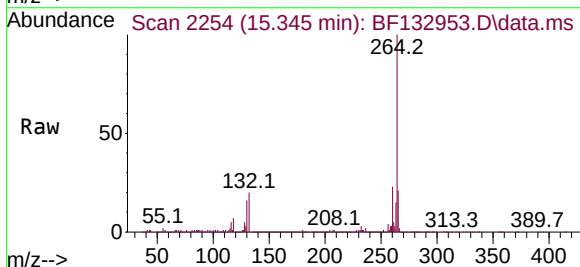
Manual Integrations
APPROVED

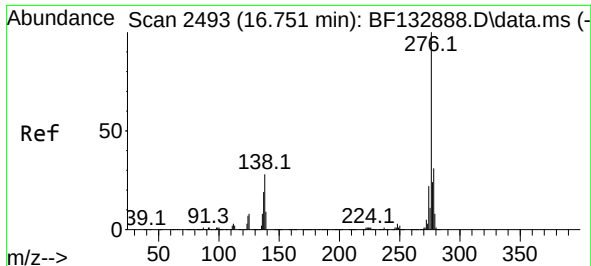
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

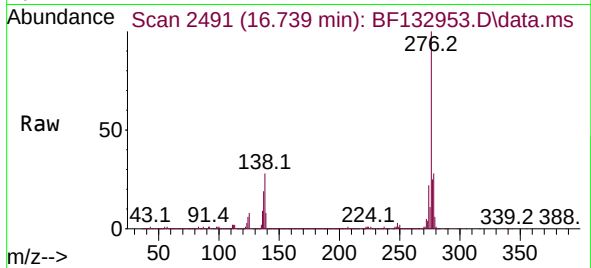
Tgt Ion:264 Resp: 709099
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 20.6 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 58.750 ng
RT: 16.739 min Scan# 2493
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

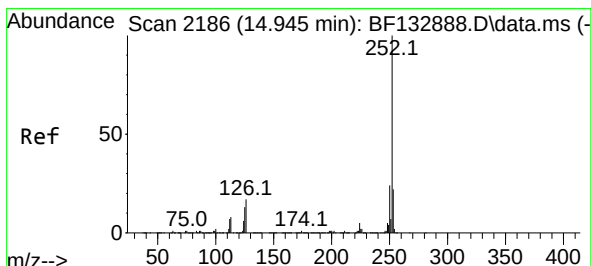
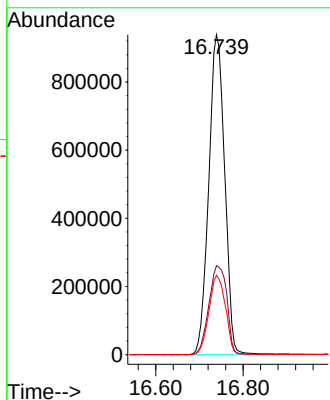
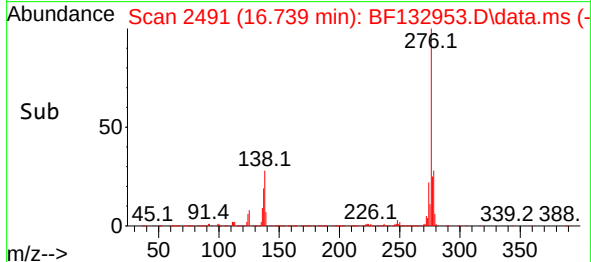
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



Tgt Ion: 276 Resp: 238044
Ion Ratio Lower Upper
276 100
138 31.2 25.5 38.3
277 25.6 20.3 30.5

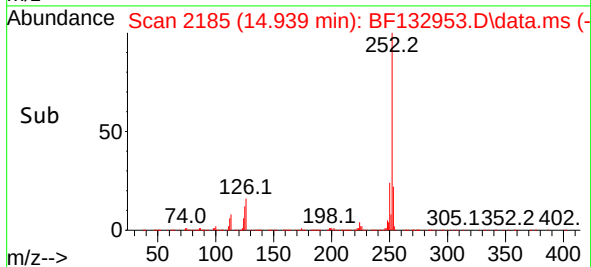
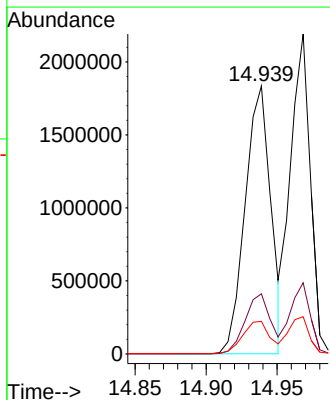
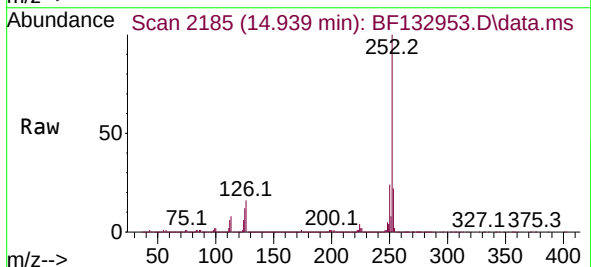
Manual Integrations
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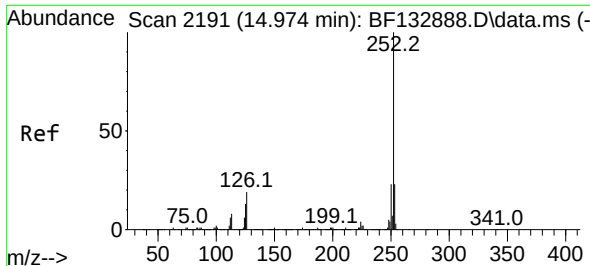
Reviewed By : Christian Giraldo 04/21/2023
Supervised By : Jagrut Upadhyay 04/21/2023



#88
Benzo(b)fluoranthene
Concen: 52.283 ng
RT: 14.939 min Scan# 2185
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

Tgt Ion: 252 Resp: 2309324
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 12.2 10.0 15.0





#89

Benzo(k)fluoranthene

Concen: 48.908 ng

RT: 14.968 min Scan# 2191

Delta R.T. 0.006 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04MSD

Tgt Ion:252 Resp: 2151978

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

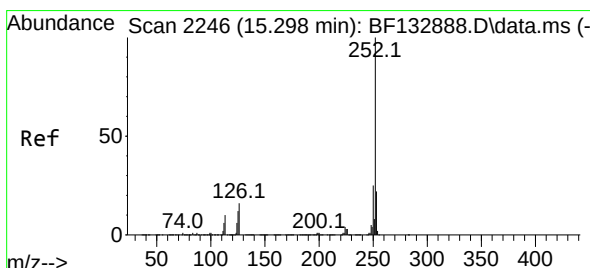
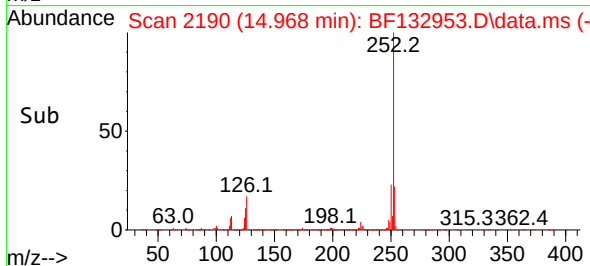
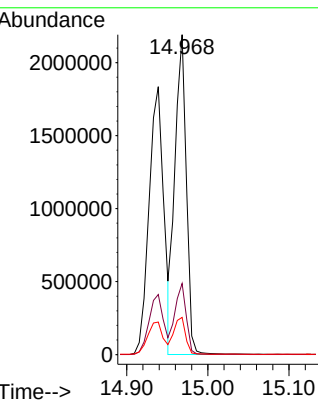
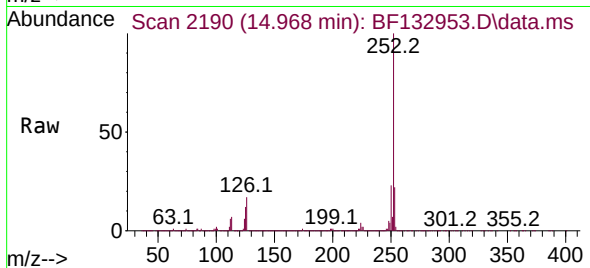
125 11.6 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#90

Benzo(a)pyrene

Concen: 47.552 ng

RT: 15.286 min Scan# 2244

Delta R.T. -0.000 min

Lab File: BF132953.D

Acq: 20 Apr 2023 23:39

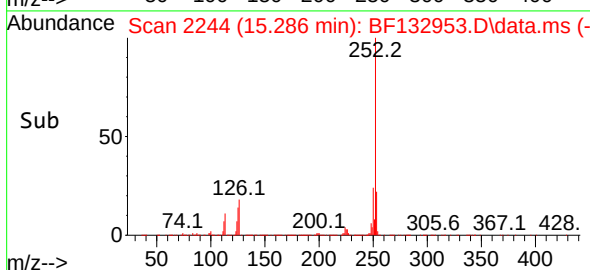
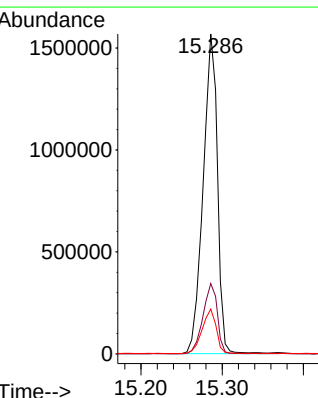
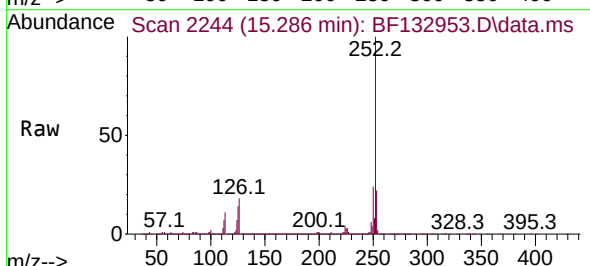
Tgt Ion:252 Resp: 1918896

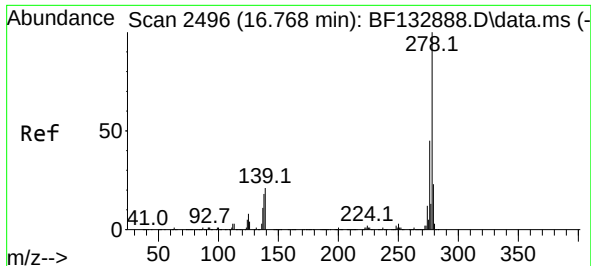
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

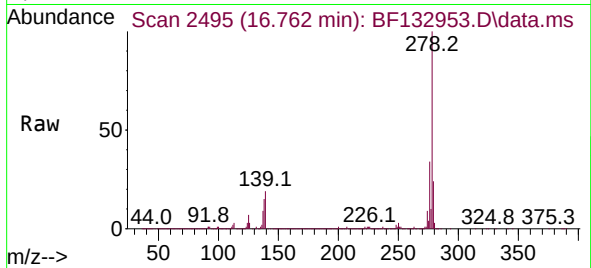
125 14.0 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 57.154 ng
RT: 16.762 min Scan# 2496
Delta R.T. 0.012 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39

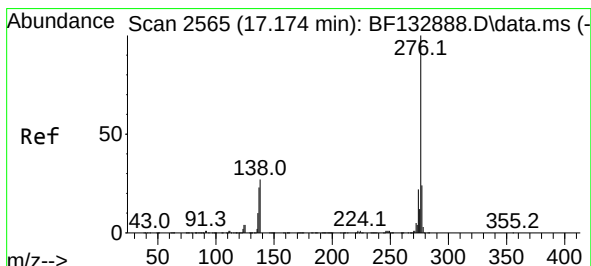
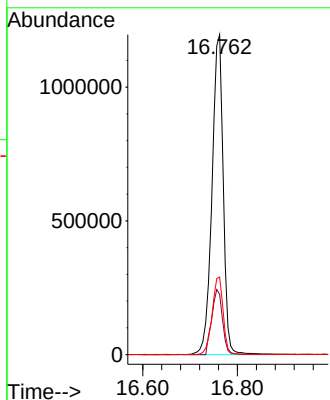
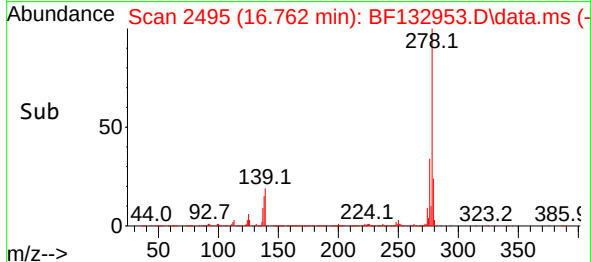
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD



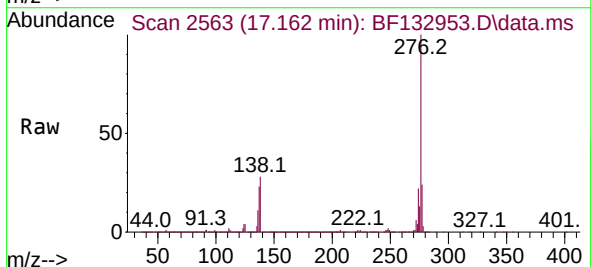
Tgt Ion:278 Resp: 1973205
Ion Ratio Lower Upper
278 100
139 18.9 16.7 25.1
279 24.2 18.4 27.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 60.135 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.006 min
Lab File: BF132953.D
Acq: 20 Apr 2023 23:39



Tgt Ion:276 Resp: 1987800
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 27.5 21.7 32.5

