

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133434.D
 Acq On : 18 May 2023 11:24
 Operator : CG\JU
 Sample : PB152844BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152844BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/19/2023
 Supervised By : Jagrut Upadhyay 05/19/2023

Quant Time: May 18 18:23:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 18:12:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	240997	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	982555	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	484323	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	845697	20.000	ng	0.00
76) Chrysene-d12	13.880	240	529344	20.000	ng	0.00
86) Perylene-d12	15.298	264	408991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1866137	116.973	ng	0.01
7) Phenol-d6	6.369	99	2234046	112.821	ng	0.00
23) Nitrobenzene-d5	7.287	82	1416824	77.834	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	571979	117.430	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2437580	84.201	ng	0.00
79) Terphenyl-d14	12.827	244	2668859	86.955	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.446	88	241845	32.682	ng	94
3) Pyridine	3.134	79	647654	32.953	ng	94
4) n-Nitrosodimethylamine	3.099	42	338709	33.272	ng	87
6) Aniline	6.381	93	629211	24.671	ng	# 1
8) 2-Chlorophenol	6.504	128	748010	46.179	ng	95
9) Benzaldehyde	6.263	77	413741	48.835	ng	98
10) Phenol	6.381	94	870358	39.842	ng	79
11) bis(2-Chloroethyl)ether	6.451	93	707524	43.161	ng	99
12) 1,3-Dichlorobenzene	6.657	146	793420	46.071	ng	97
13) 1,4-Dichlorobenzene	6.734	146	793147	45.954	ng	98
14) 1,2-Dichlorobenzene	6.887	146	758777	47.685	ng	99
15) Benzyl Alcohol	6.869	79	596623	43.618	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1080881	37.963	ng	79
17) 2-Methylphenol	6.987	107	612185	41.274	ng	95
18) Hexachloroethane	7.228	117	279309	46.546	ng	98
19) n-Nitroso-di-n-propyla...	7.140	70	482156	39.112	ng	96
20) 3+4-Methylphenols	7.140	107	762040	43.626	ng	# 76
22) Acetophenone	7.128	105	1023302	44.959	ng	# 92
24) Nitrobenzene	7.304	77	750818	40.704	ng	99
25) Isophorone	7.545	82	1403199	40.600	ng	100
26) 2-Nitrophenol	7.622	139	430890	48.431	ng	91
27) 2,4-Dimethylphenol	7.669	122	673129	44.123	ng	97
28) bis(2-Chloroethoxy)met...	7.757	93	860242	42.073	ng	99
29) 2,4-Dichlorophenol	7.869	162	621445	44.747	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	658092	45.739	ng	98
31) Naphthalene	8.028	128	2068397	42.105	ng	99
32) Benzoic acid	7.816	122	377643m	40.075	ng	
33) 4-Chloroaniline	8.075	127	343082	17.285	ng	99
34) Hexachlorobutadiene	8.139	225	355064	44.525	ng	99
35) Caprolactam	8.463	113	226273m	48.499	ng	
36) 4-Chloro-3-methylphenol	8.575	107	667343	44.559	ng	98
37) 2-Methylnaphthalene	8.716	142	1373289	40.890	ng	99
38) 1-Methylnaphthalene	8.816	142	1276692	40.635	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	586268	45.021	ng	100
41) Hexachlorocyclopentadiene	8.869	237	594761	78.314	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	409111	45.428	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	441400	42.380	ng	98
46) 1,1'-Biphenyl	9.181	154	1690931	44.029	ng	99
47) 2-Chloronaphthalene	9.204	162	1286139	45.754	ng	99
48) 2-Nitroaniline	9.304	65	396762	42.708	ng	98
49) Acenaphthylene	9.616	152	1944413	43.291	ng	100
50) Dimethylphthalate	9.486	163	1561712	46.244	ng	99
51) 2,6-Dinitrotoluene	9.551	165	364110	47.903	ng	# 79
52) Acenaphthene	9.792	154	1383534m	45.992	ng	
53) 3-Nitroaniline	9.716	138	204286	22.604	ng	99
54) 2,4-Dinitrophenol	9.833	184	359558	94.110	ng	# 87
55) Dibenzofuran	9.963	168	1581944	38.552	ng	98
56) 4-Nitrophenol	9.898	139	484808	69.260	ng	95
57) 2,4-Dinitrotoluene	9.957	165	405102	41.792	ng	93
58) Fluorene	10.304	166	1236273	41.122	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	338228	41.888	ng	95
60) Diethylphthalate	10.186	149	1313370	41.173	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	605623	41.338	ng	100
62) 4-Nitroaniline	10.339	138	358671	43.179	ng	92
63) Azobenzene	10.457	77	1237648	36.626	ng	96
65) 4,6-Dinitro-2-methylph...	10.369	198	258952	50.518	ng	98
66) n-Nitrosodiphenylamine	10.422	169	1144772	41.731	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	392604	42.804	ng	98
68) Hexachlorobenzene	10.857	284	429295	45.677	ng	97
69) Atrazine	10.951	200	403420	51.037	ng	98
70) Pentachlorophenol	11.057	266	440429	65.799	ng	96
71) Phenanthrene	11.263	178	1883930	41.447	ng	100
72) Anthracene	11.316	178	1934507	41.587	ng	99
73) Carbazole	11.475	167	1758692	42.460	ng	100
74) Di-n-butylphthalate	11.804	149	2113503	45.090	ng	99
75) Fluoranthene	12.451	202	1887967	41.387	ng	98
77) Benzidine	12.574	184	626076	69.941	ng	# 92
78) Pyrene	12.680	202	1890851	41.670	ng	99
80) Butylbenzylphthalate	13.304	149	821679	51.141	ng	94
81) Benzo(a)anthracene	13.868	228	1520120	41.760	ng	99
82) 3,3'-Dichlorobenzidine	13.827	252	271620	27.011	ng	# 97
83) Chrysene	13.904	228	1526678	41.950	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	959233	47.565	ng	99
85) Di-n-octyl phthalate	14.468	149	1529125	46.502	ng	95
87) Indeno(1,2,3-cd)pyrene	16.686	276	1231742	52.946	ng	98
88) Benzo(b)fluoranthene	14.892	252	1342876	51.610	ng	98
89) Benzo(k)fluoranthene	14.921	252	1118028	43.346	ng	99
90) Benzo(a)pyrene	15.239	252	1006285	42.489	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1004525	51.770	ng	98
92) Benzo(g,h,i)perylene	17.104	276	1019143	53.202	ng	96

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

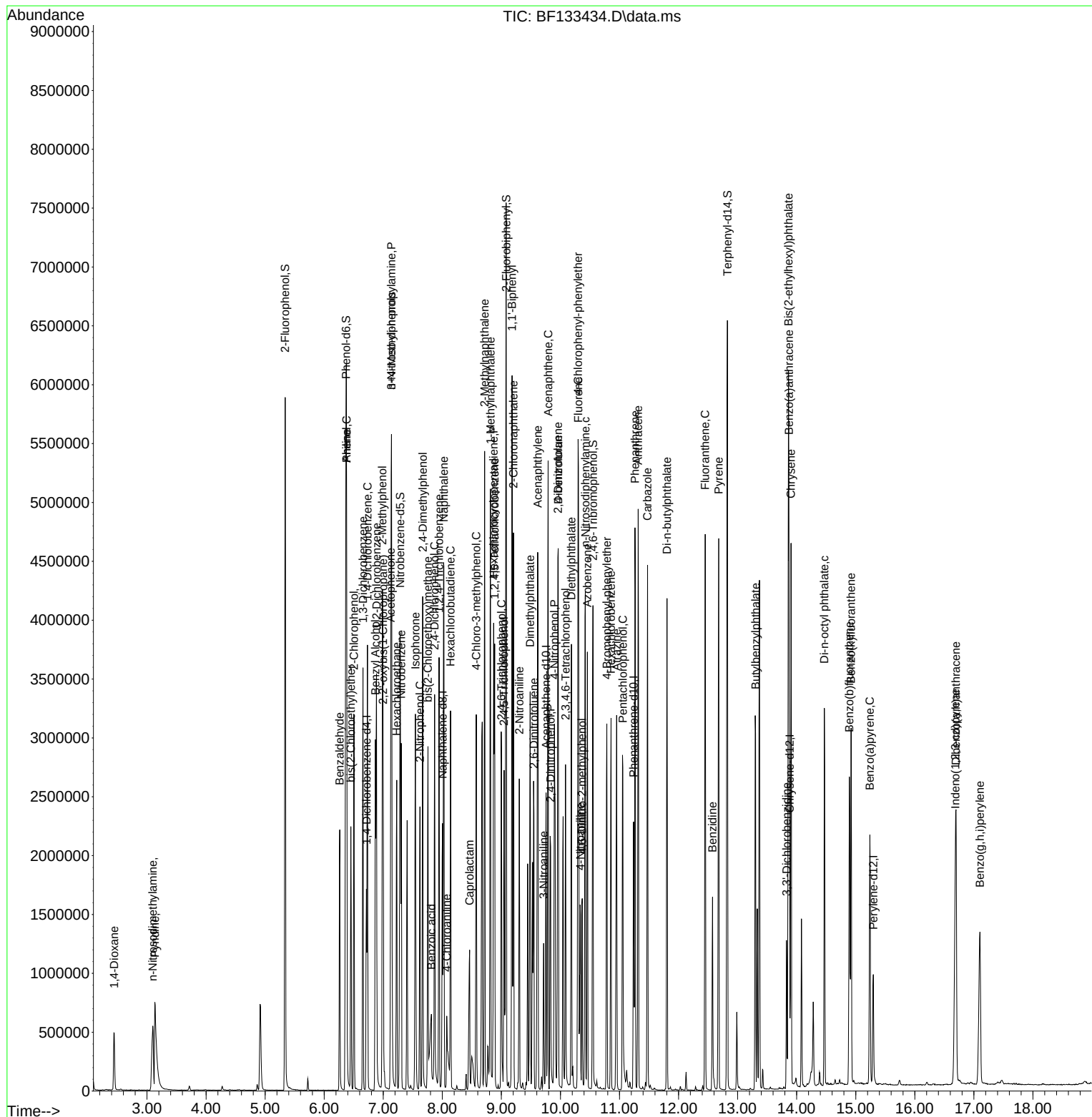
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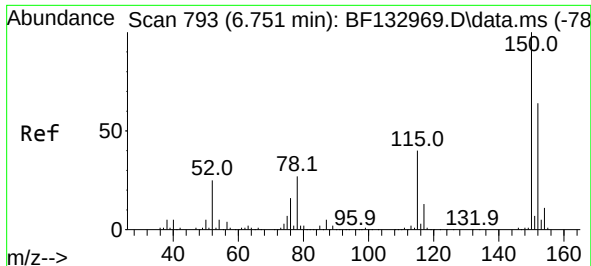
Instrument :
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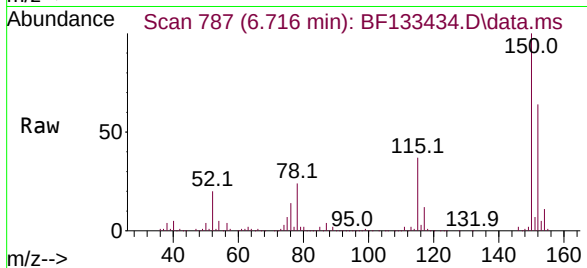
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

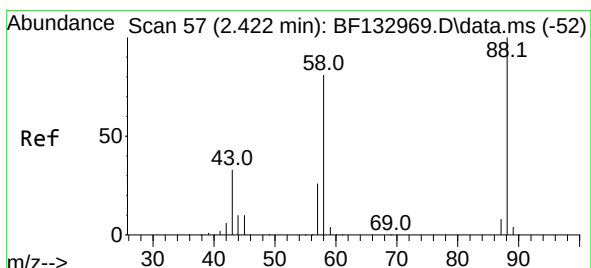
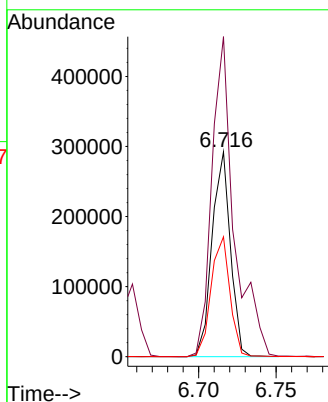
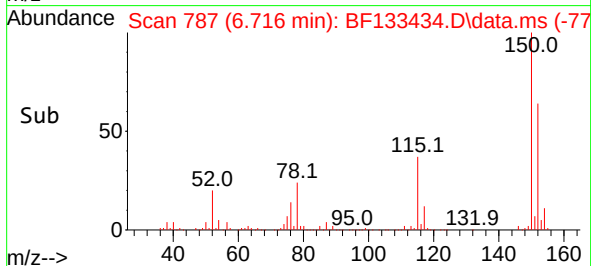


Tgt Ion:152 Resp: 24099
Ion Ratio Lower Upper
152 100
150 156.2 124.8 187.2
115 58.5 49.9 74.9

Manual Integrations

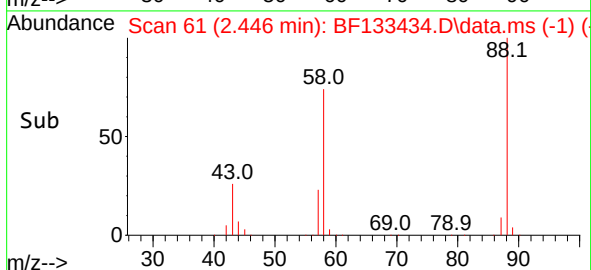
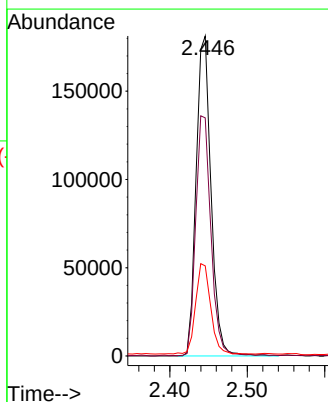
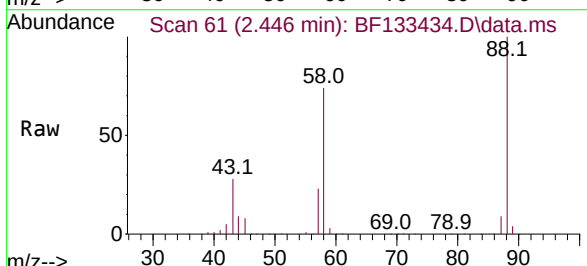
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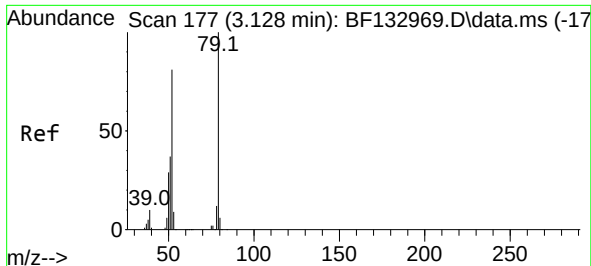
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#2
1,4-Dioxane
Concen: 32.682 ng
RT: 2.446 min Scan# 61
Delta R.T. 0.094 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

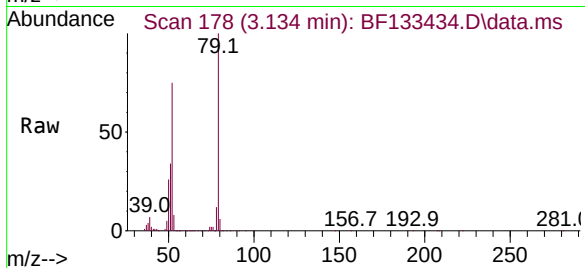
Tgt Ion: 88 Resp: 241845
Ion Ratio Lower Upper
88 100
58 76.0 64.7 97.1
43 28.4 26.2 39.2





#3
Pyridine
Concen: 32.953 ng
RT: 3.134 min Scan# 177
Delta R.T. 0.088 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

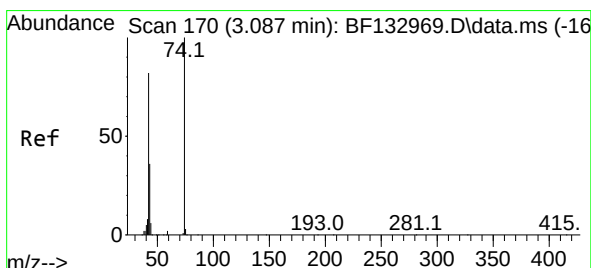
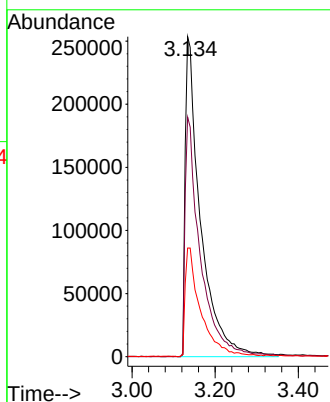
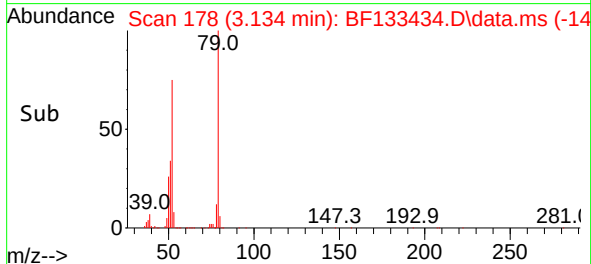
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BNA_F
ClientSampleId :
PB152844BS



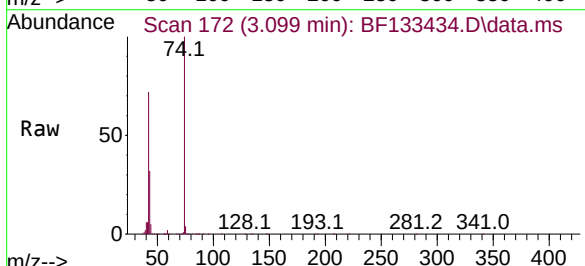
Tgt Ion: 79 Resp: 647654
Ion Ratio Lower Upper
79 100
52 74.8 64.6 96.8
51 34.0 30.0 45.0

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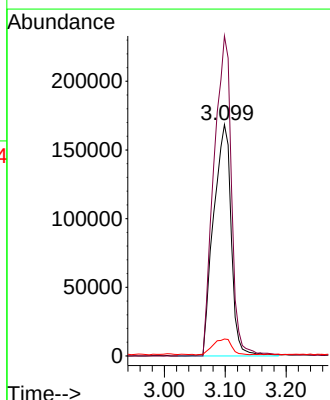
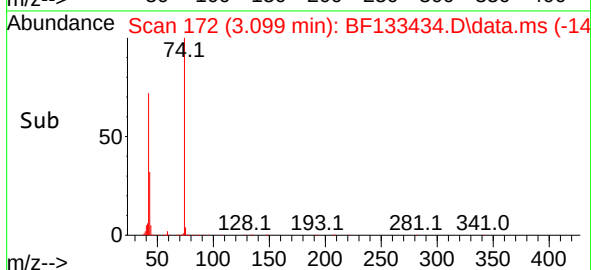
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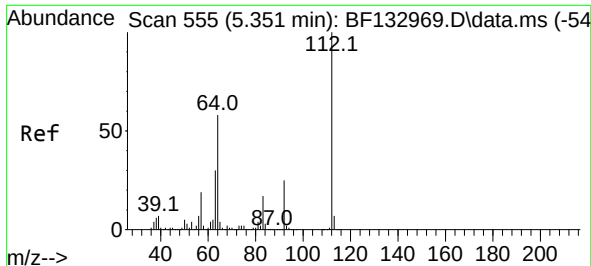


#4
n-Nitrosodimethylamine
Concen: 33.272 ng
RT: 3.099 min Scan# 172
Delta R.T. 0.088 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



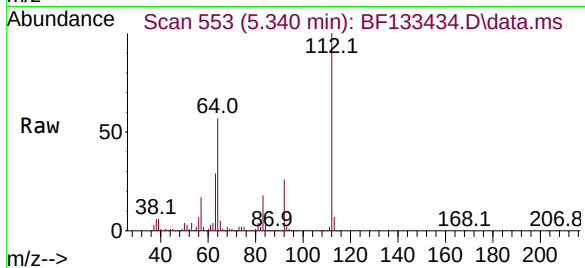
Tgt Ion: 42 Resp: 338709
Ion Ratio Lower Upper
42 100
74 138.3 98.0 147.0
44 7.3 5.8 8.8





#5
2-Fluorophenol
Concen: 116.973 ng
RT: 5.340 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

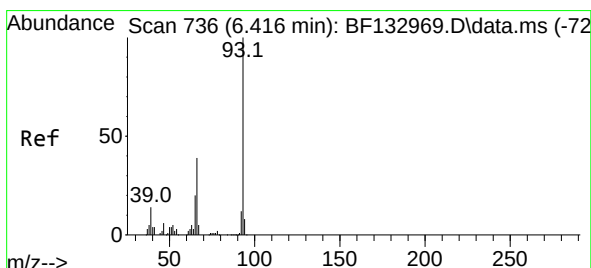
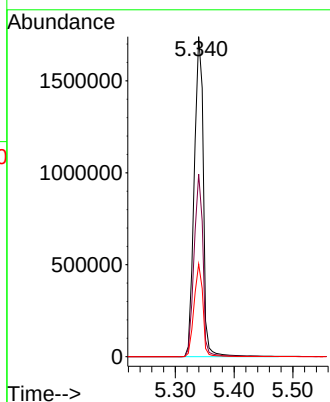
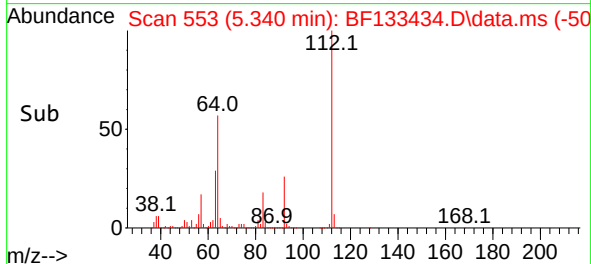
Instrument :
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Tgt Ion: 112 Resp: 186613
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 28.9 23.8 35.8

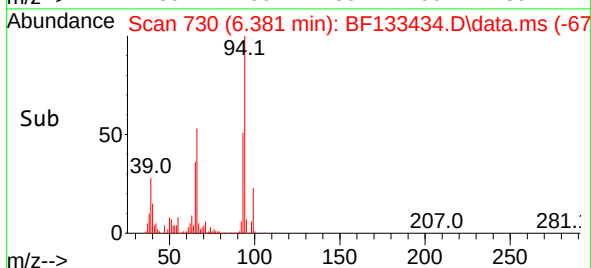
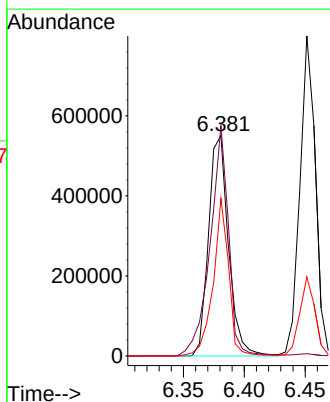
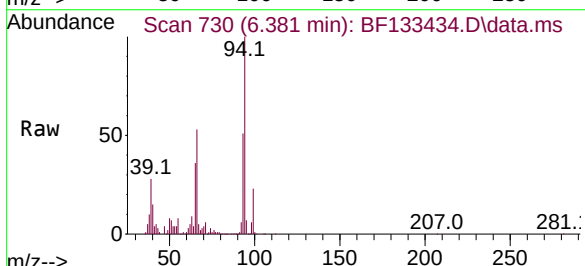
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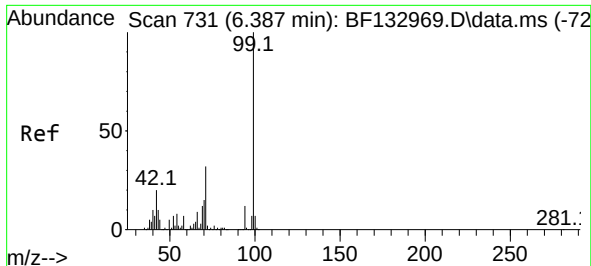
Reviewed By :Christian Giraldo 05/19/2023
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#6
Aniline
Concen: 24.671 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion: 93 Resp: 629211
Ion Ratio Lower Upper
93 100
66 104.6 31.5 47.3#
65 71.4 16.4 24.6#





#7

Phenol-d6

Concen: 112.821 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133434.D

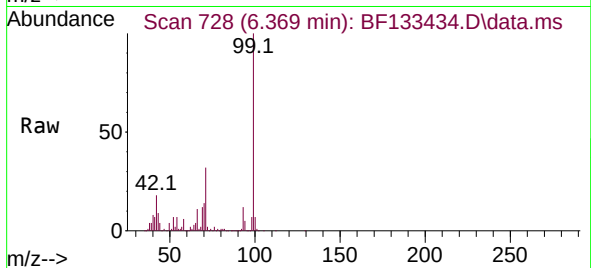
Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS



Tgt Ion: 99 Resp: 223404

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

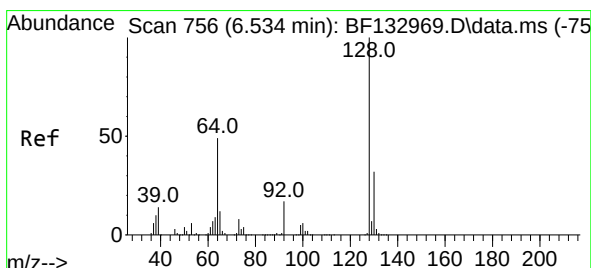
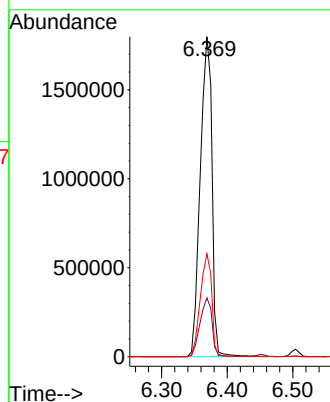
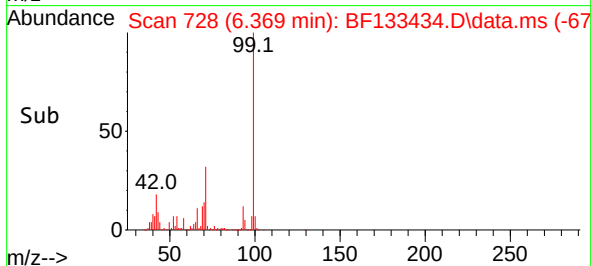
71 32.2 25.6 38.4

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#8

2-Chlorophenol

Concen: 46.179 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

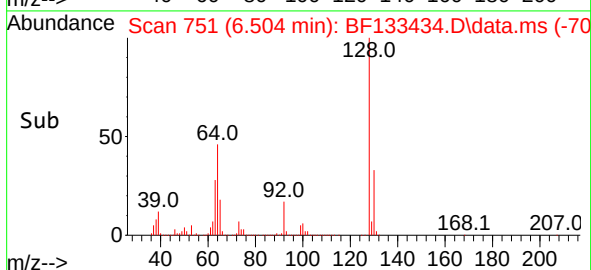
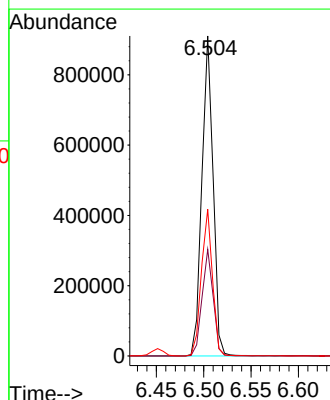
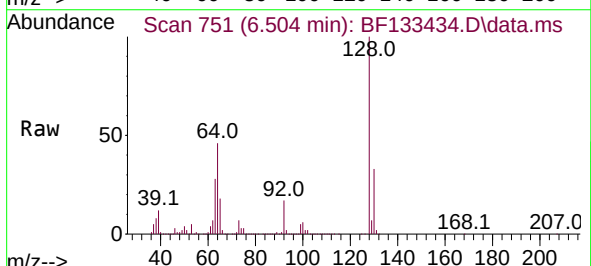
Tgt Ion:128 Resp: 748010

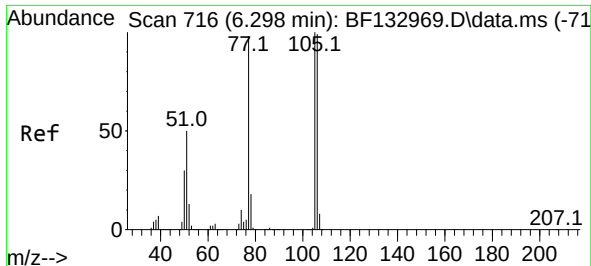
Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

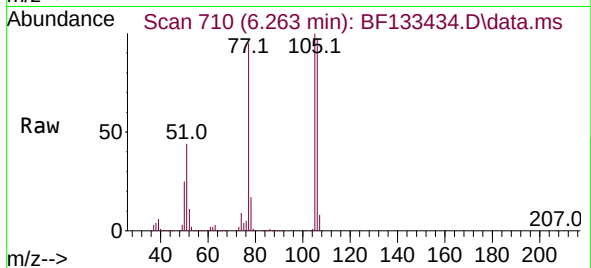
64 45.9 30.3 70.3





#9
Benzaldehyde
Concen: 48.835 ng
RT: 6.263 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133434.D
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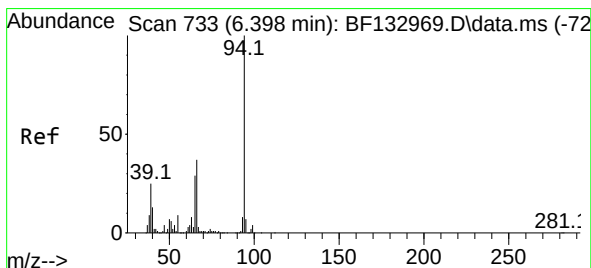
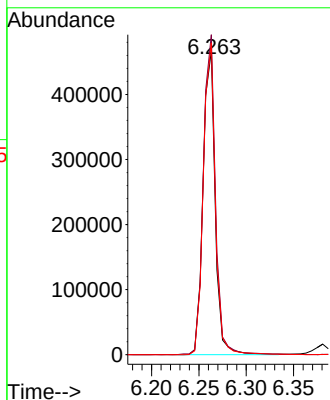
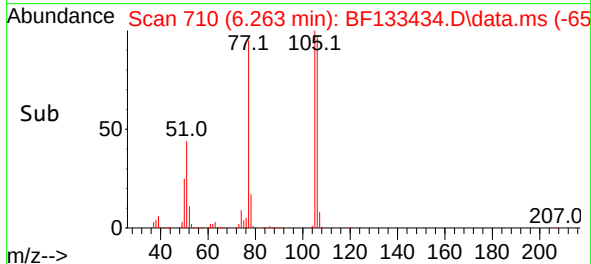
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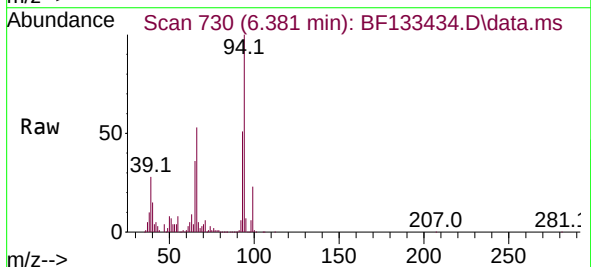
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Ion Ratio Lower Upper
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106 102.7 80.8 120.8

Manual Integrations
APPROVED

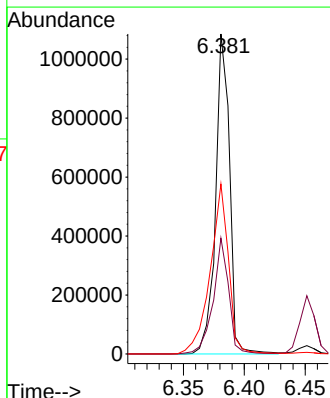
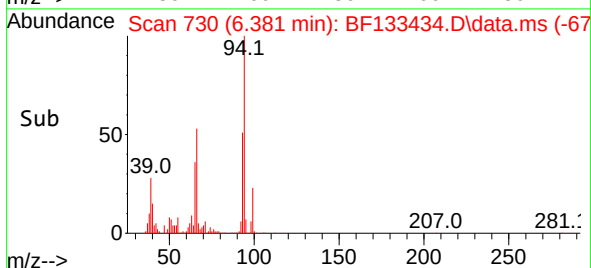
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

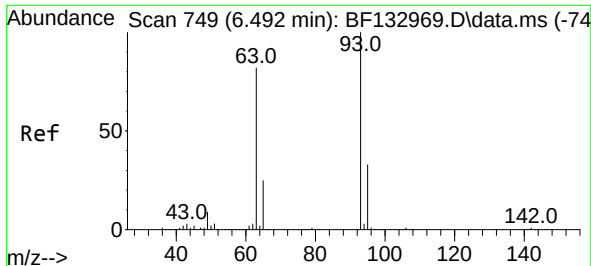


#10
Phenol
Concen: 39.842 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



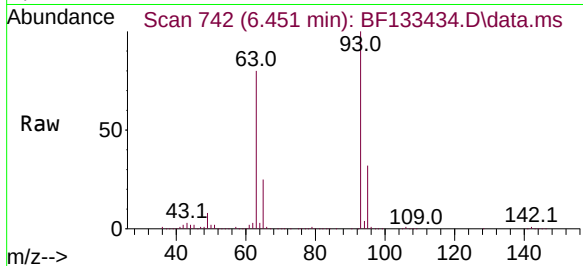
Tgt Ion: 94 Resp: 870358
Ion Ratio Lower Upper
94 100
65 36.2 8.6 48.6
66 53.1 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 43.161 ng
RT: 6.451 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

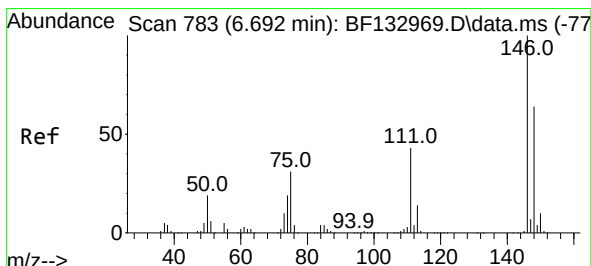
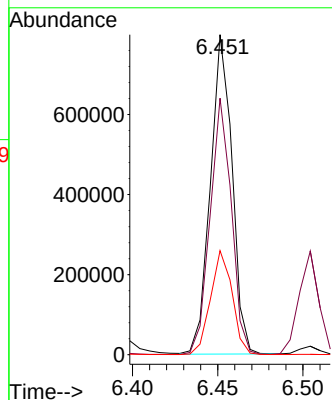
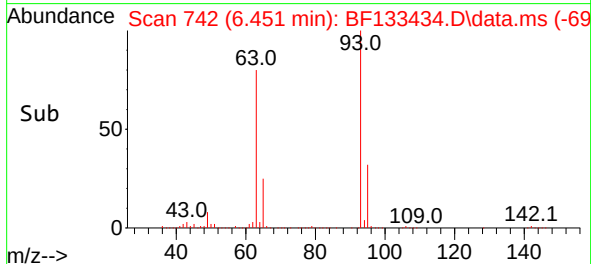
Instrument :
BNA_F
ClientSampleId :
PB152844BS



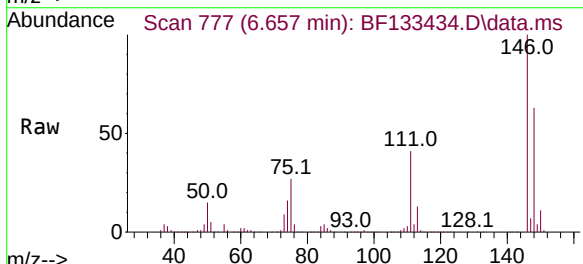
Tgt Ion: 93 Resp: 707524
Ion Ratio Lower Upper
93 100
63 80.2 60.6 100.6
95 32.5 12.9 52.9

Manual Integrations
APPROVED

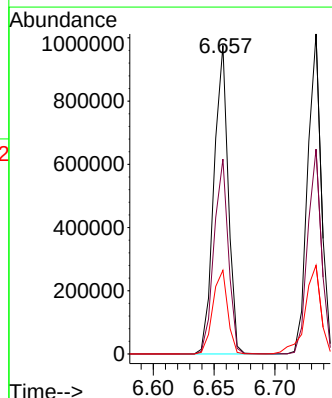
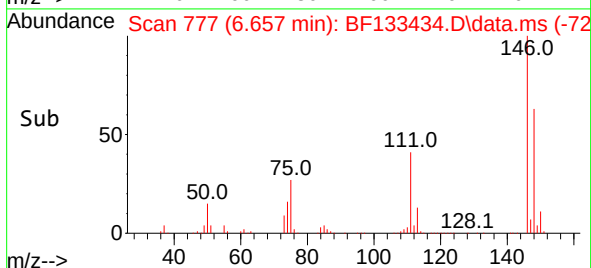
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

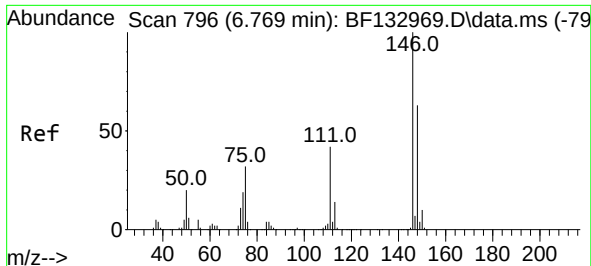


#12
1,3-Dichlorobenzene
Concen: 46.071 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



Tgt Ion:146 Resp: 793420
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
75 27.1 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 45.954 ng
RT: 6.734 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :

BNA_F

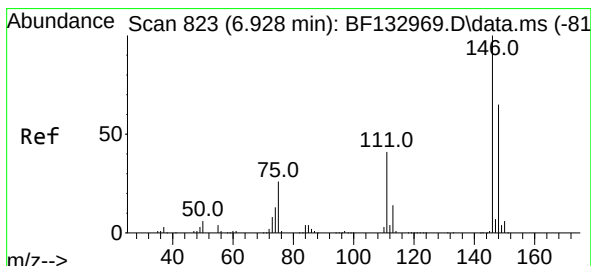
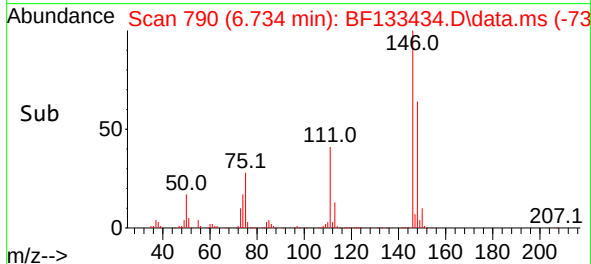
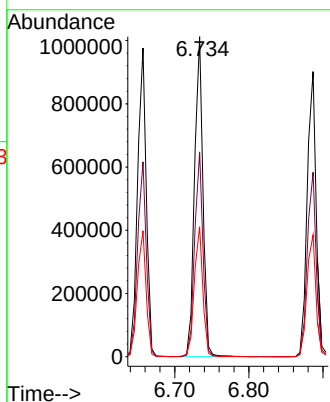
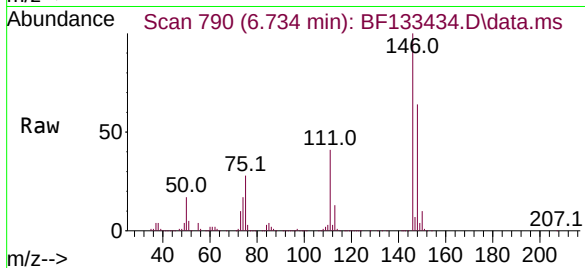
ClientSampleId :

PB152844BS

Tgt Ion:146 Resp: 79314
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
111 40.6 33.8 50.6

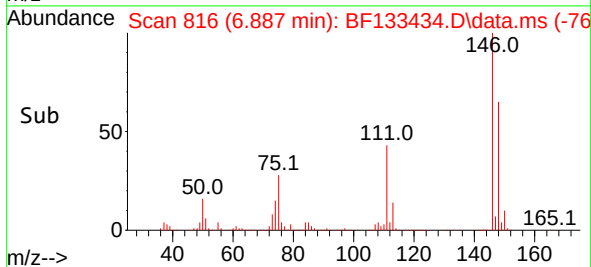
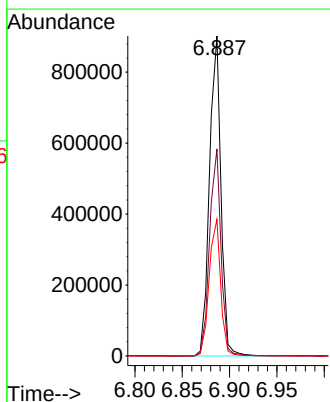
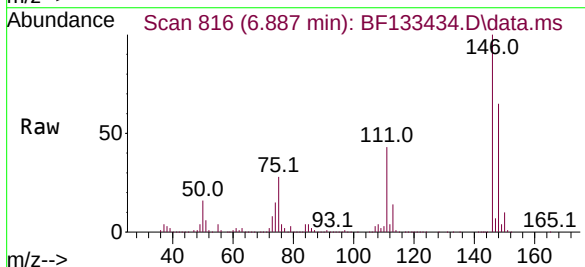
Manual Integrations
APPROVED

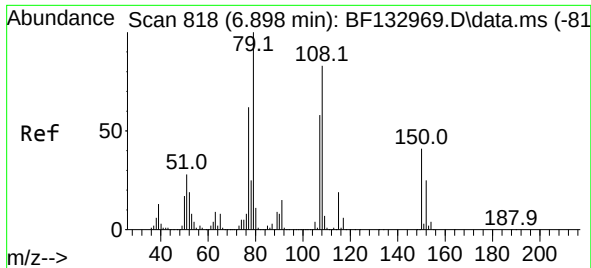
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#14
1,2-Dichlorobenzene
Concen: 47.685 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion:146 Resp: 758777
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.2
111 42.7 32.8 49.2





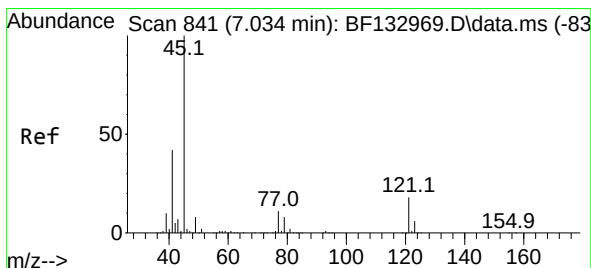
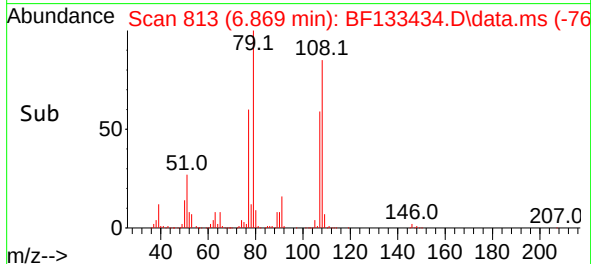
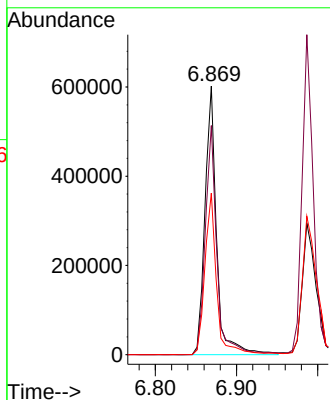
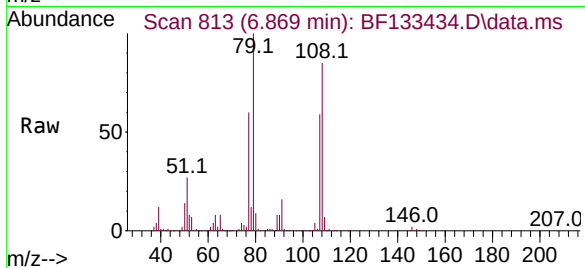
#15
Benzyl Alcohol
Concen: 43.618 ng
RT: 6.869 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :
BNA_F
ClientSampleId :
PB152844BS

Tgt Ion: 79 Resp: 59662
Ion Ratio Lower Upper
79 100
108 85.3 66.6 99.8
77 60.2 49.2 73.8

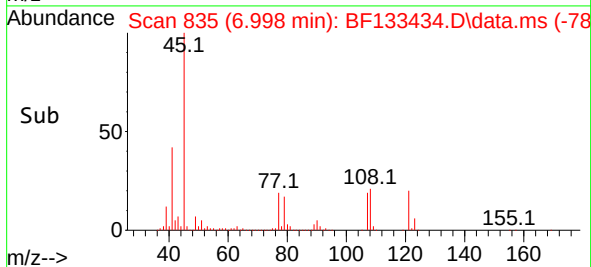
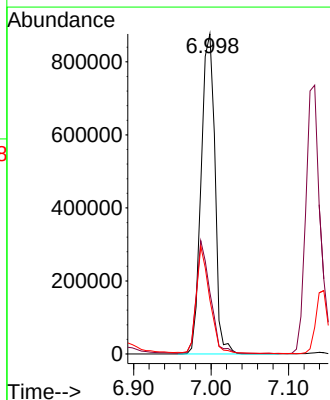
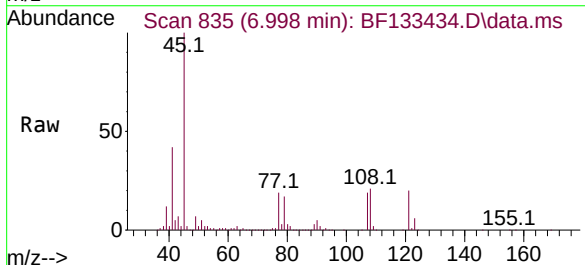
Manual Integrations
APPROVED

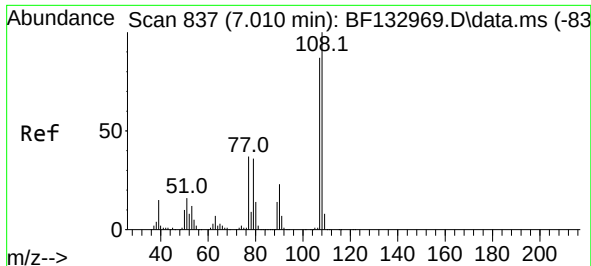
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.963 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

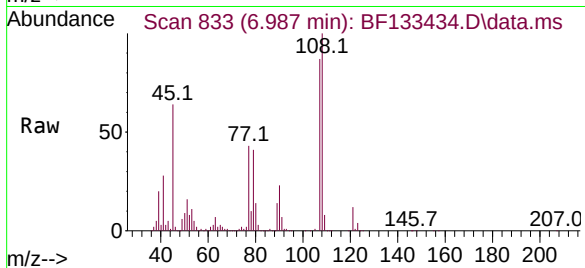
Tgt Ion: 45 Resp: 1080881
Ion Ratio Lower Upper
45 100
77 19.2 0.0 31.5
79 16.9 0.0 28.7





#17
2-Methylphenol
Concen: 41.274 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

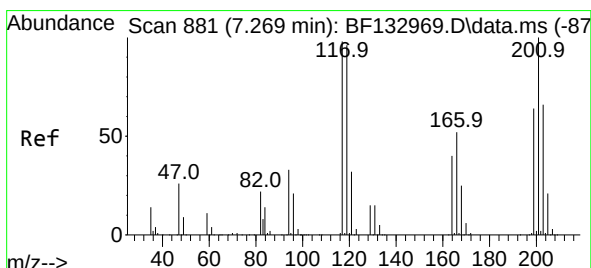
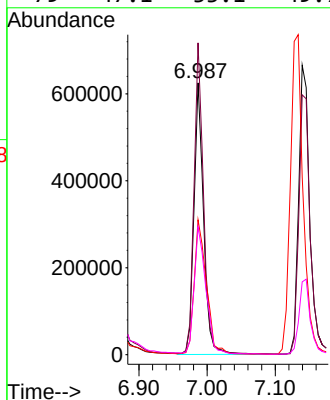
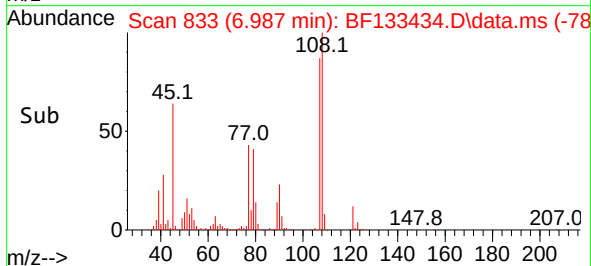
Instrument :
BNA_F
ClientSampleId :
PB152844BS



Tgt Ion:	107	Resp:	61218
Ion Ratio	Lower	Upper	
107	100		
108	114.7	92.4	138.6
77	49.6	33.8	50.8
79	47.1	33.1	49.7

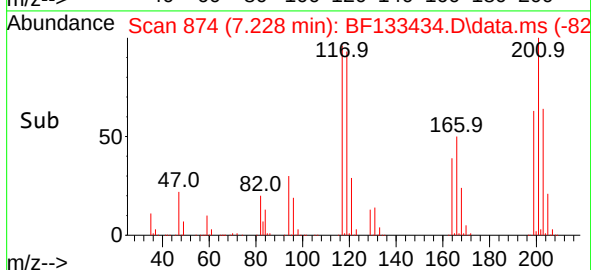
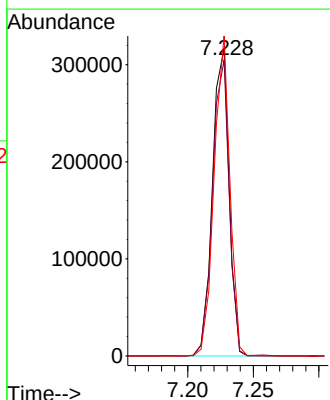
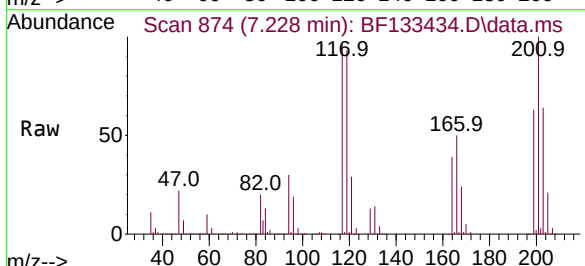
Manual Integrations
APPROVED

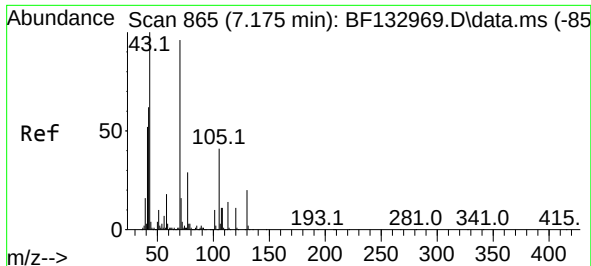
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#18
Hexachloroethane
Concen: 46.546 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion:	117	Resp:	279309
Ion Ratio	Lower	Upper	
117	100		
119	96.4	78.2	117.4
201	104.2	81.7	122.5





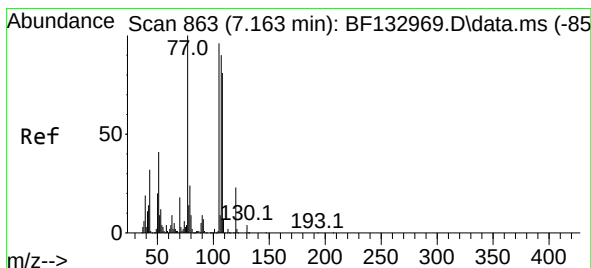
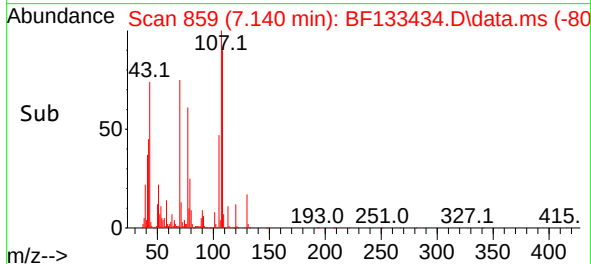
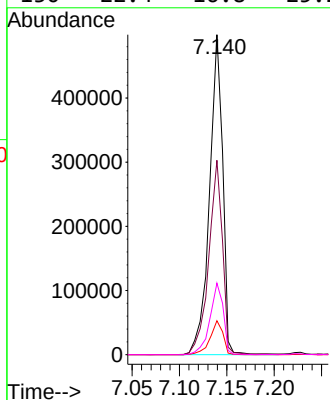
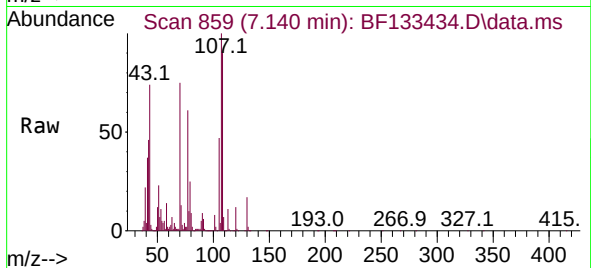
#19
n-Nitroso-di-n-propylamine
Concen: 39.112 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :
BNA_F
ClientSampleId :
PB152844BS

Tgt Ion: 70 Resp: 482150
Ion Ratio Lower Upper
70 100
42 60.8 51.8 77.6
101 10.6 8.0 12.0
130 22.4 16.8 25.2

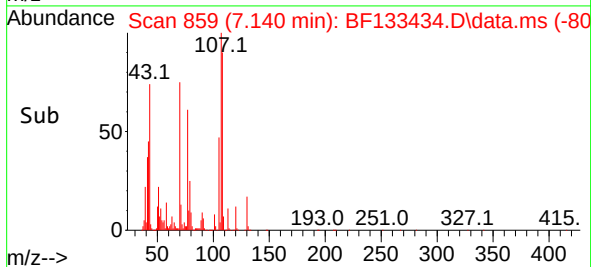
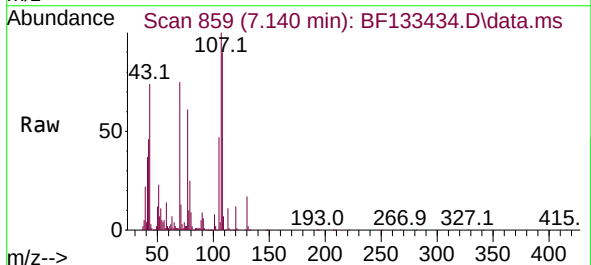
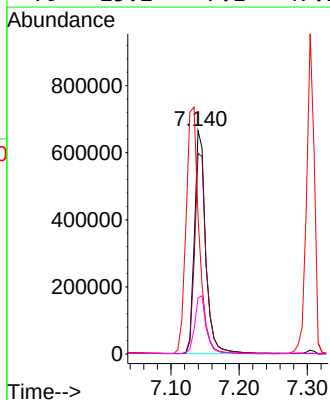
Manual Integrations
APPROVED

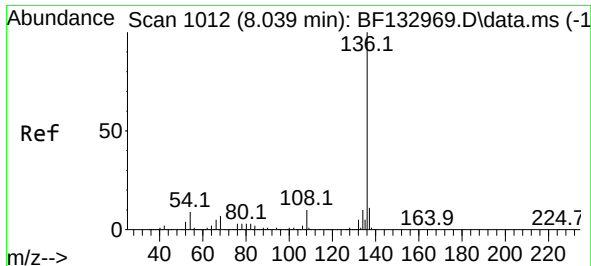
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#20
3+4-Methylphenols
Concen: 43.626 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

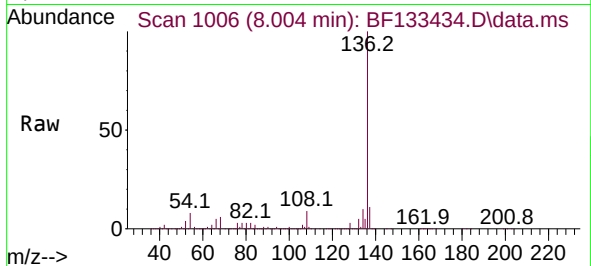
Tgt Ion:107 Resp: 762040
Ion Ratio Lower Upper
107 100
108 89.7 70.5 110.5
77 61.4 91.7 131.7#
79 25.2 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

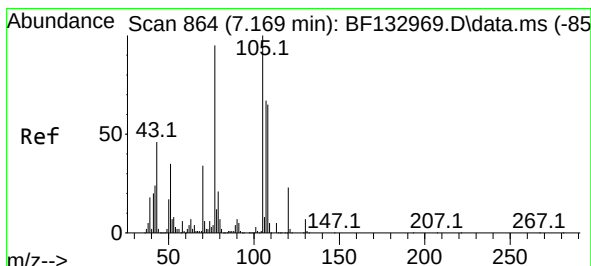
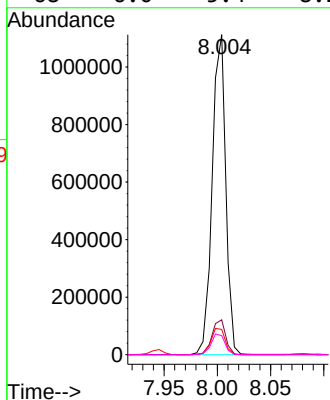
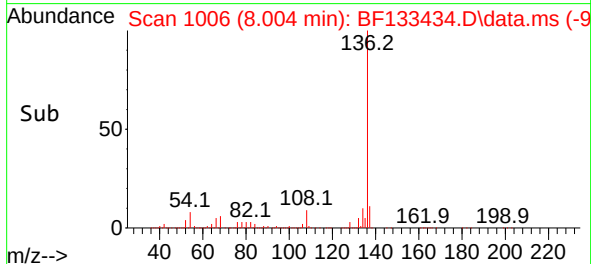
Instrument :
BNA_F
ClientSampleId :
PB152844BS



Tgt Ion:136 Resp: 982558
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 7.0 10.4
68 6.0 5.4 8.2

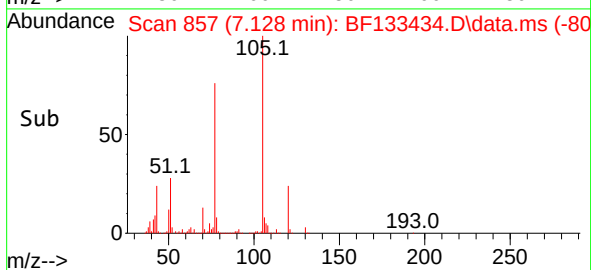
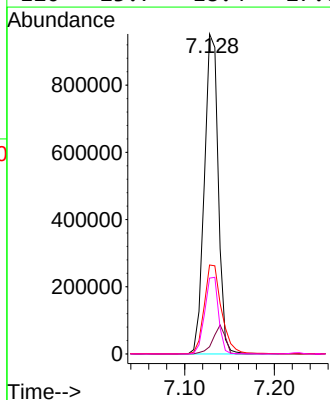
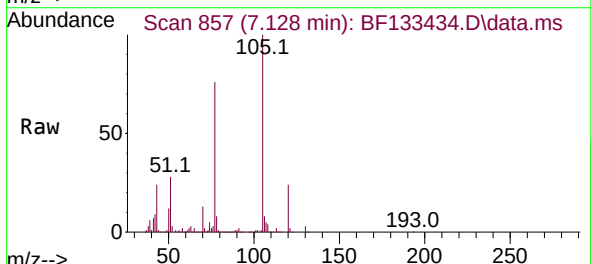
Manual Integrations
APPROVED

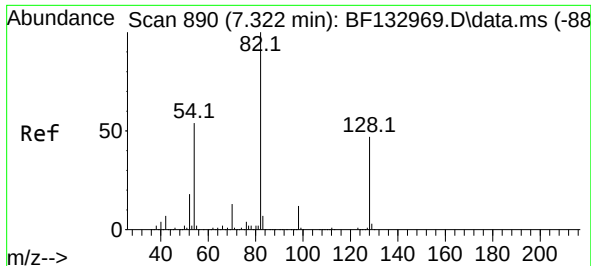
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#22
Acetophenone
Concen: 44.959 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion:105 Resp: 1023302
Ion Ratio Lower Upper
105 100
71 2.3 4.6 7.0#
51 27.8 28.2 42.2#
120 23.7 18.4 27.6





#23

Nitrobenzene-d5

Concen: 77.834 ng

RT: 7.287 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

Tgt Ion: 82 Resp: 1416824

Ion Ratio Lower Upper

82 100

128 47.8 37.7 56.5

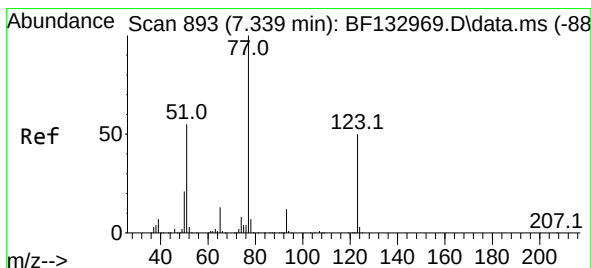
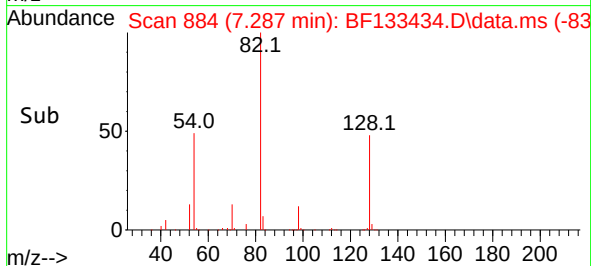
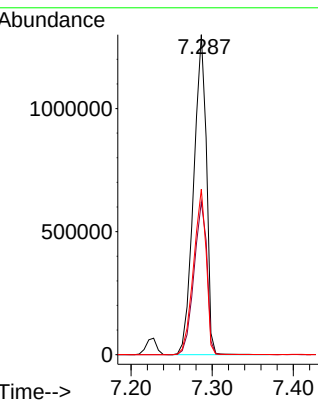
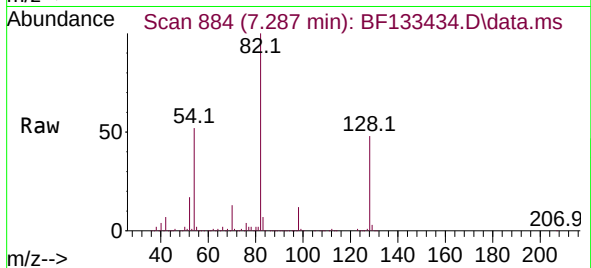
54 51.7 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#24

Nitrobenzene

Concen: 40.704 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

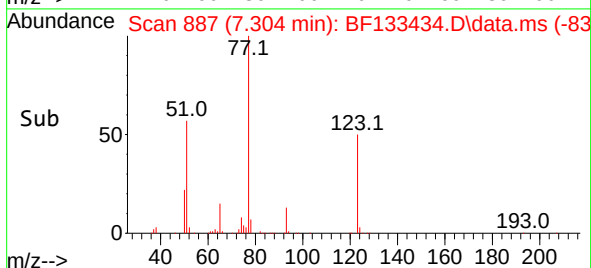
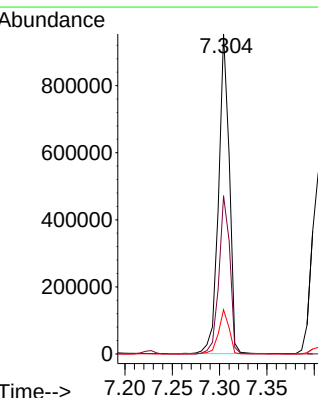
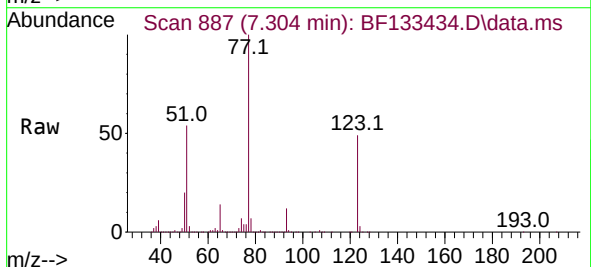
Tgt Ion: 77 Resp: 750818

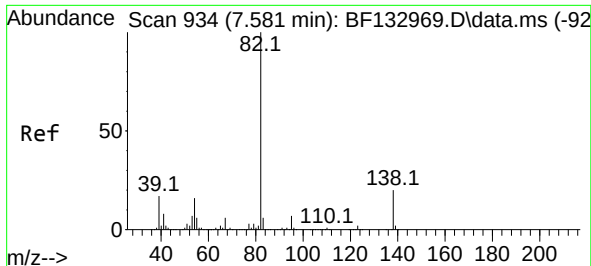
Ion Ratio Lower Upper

77 100

123 49.4 39.9 59.9

65 13.8 10.7 16.1





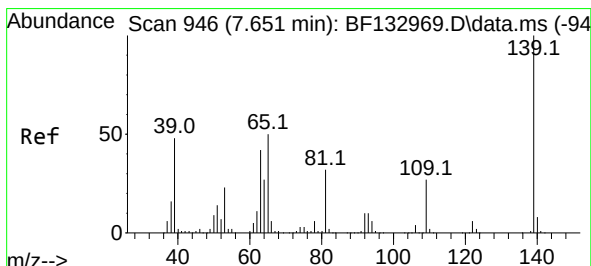
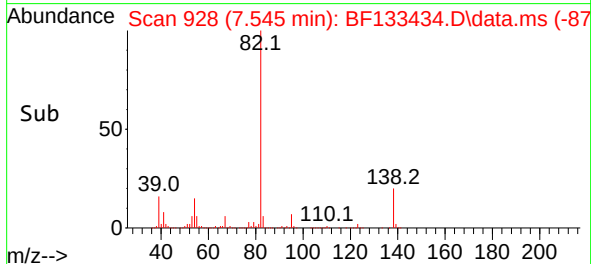
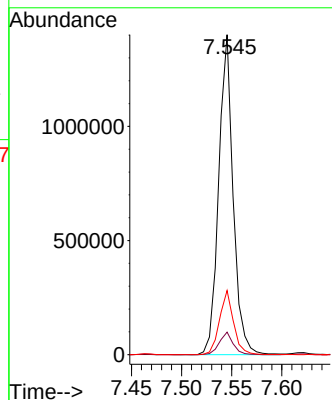
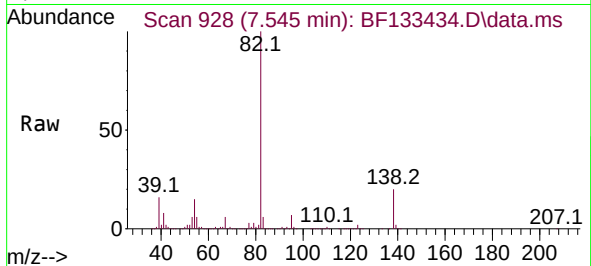
#25
Isophorone
Concen: 40.600 ng
RT: 7.545 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :
BNA_F
ClientSampleId :
PB152844BS

Tgt Ion: 82 Resp: 140319
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 20.0 16.0 24.0

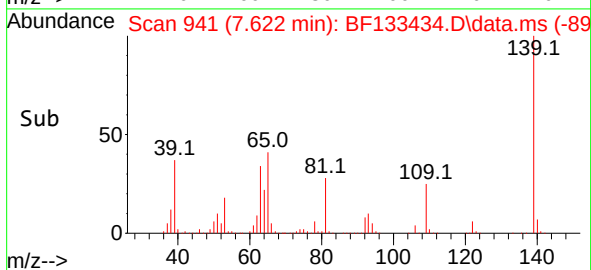
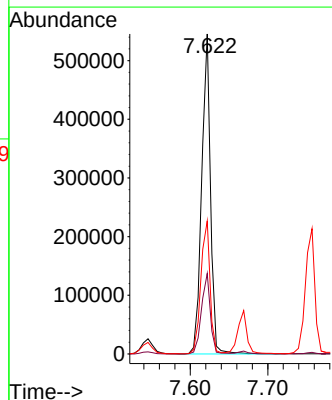
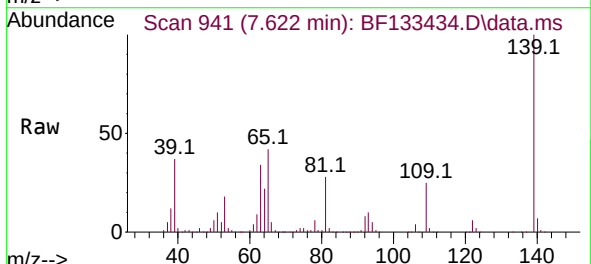
Manual Integrations
APPROVED

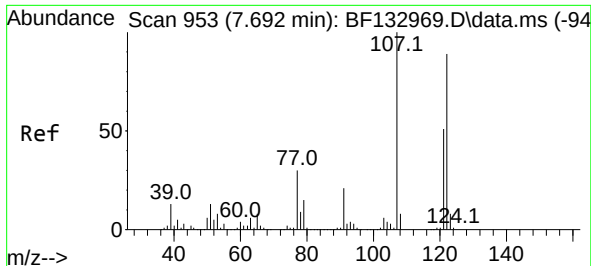
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#26
2-Nitrophenol
Concen: 48.431 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion:139 Resp: 430890
Ion Ratio Lower Upper
139 100
109 25.1 21.6 32.4
65 41.6 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.123 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

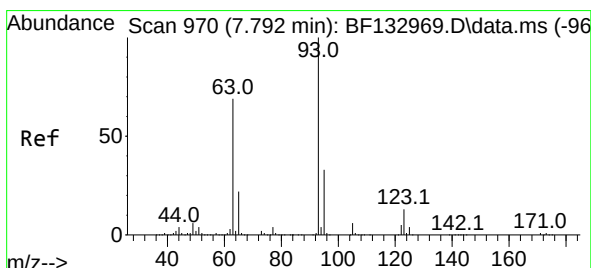
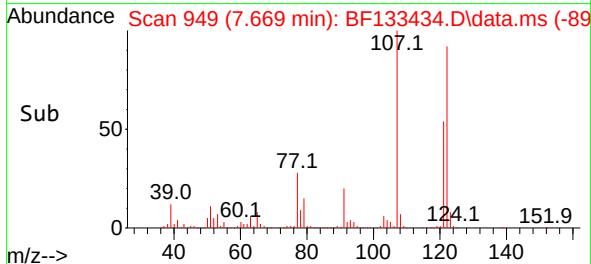
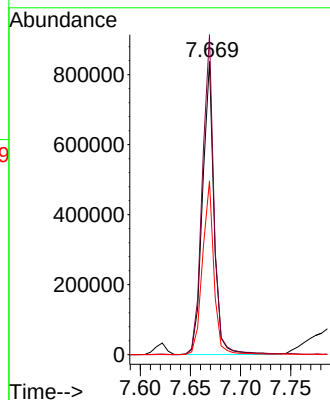
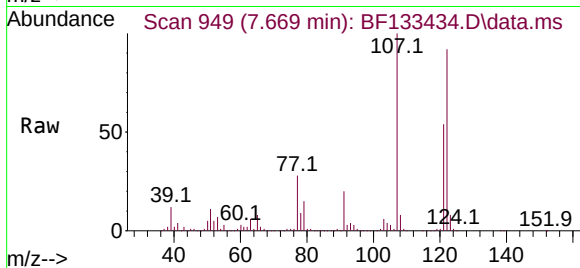
PB152844BS

Tgt Ion:122 Resp: 673129
 Ion Ratio Lower Upper
 122 100
 107 109.2 89.7 134.5
 121 59.3 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.073 ng

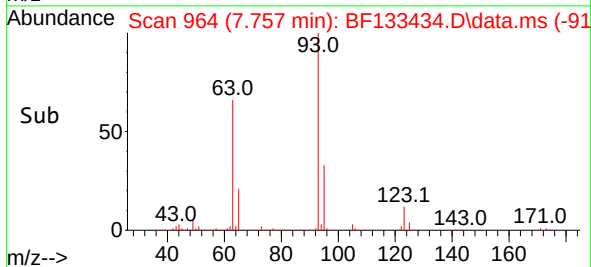
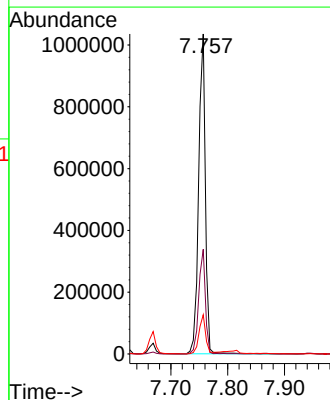
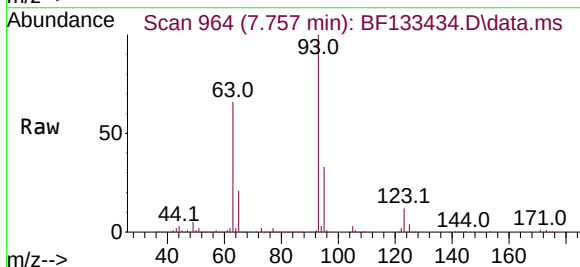
RT: 7.757 min Scan# 964

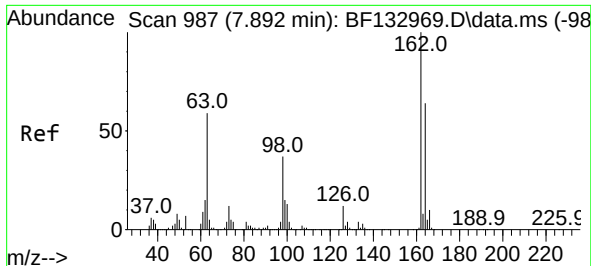
Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

Tgt Ion: 93 Resp: 860242
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.747 ng

RT: 7.869 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

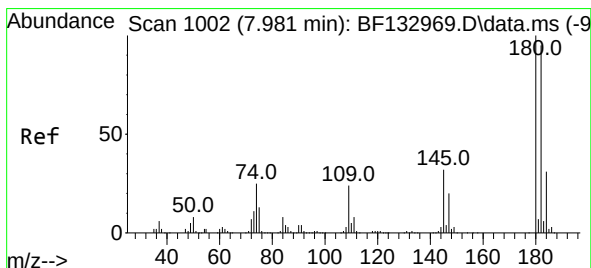
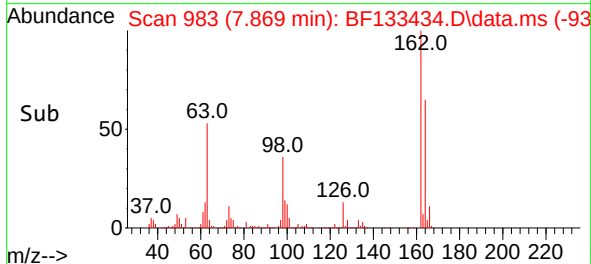
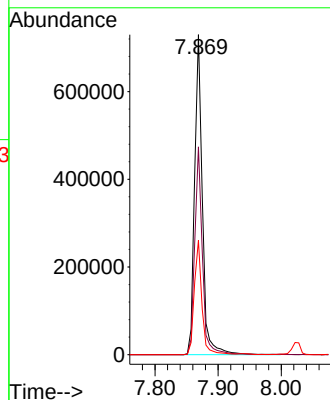
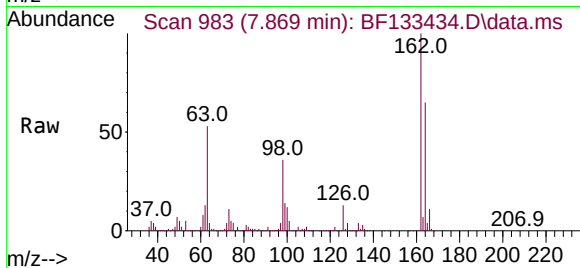
PB152844BS

Tgt Ion:162 Resp: 621445
 Ion Ratio Lower Upper
 162 100
 164 65.0 43.9 83.9
 98 35.7 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.739 ng

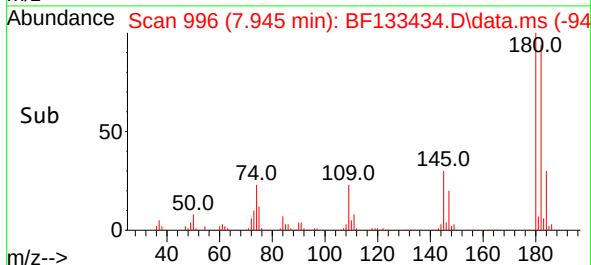
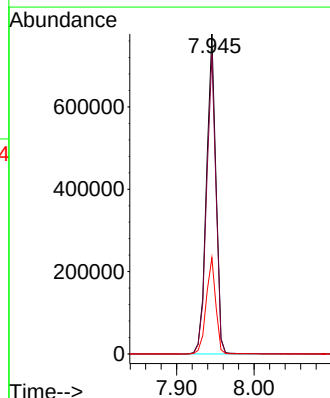
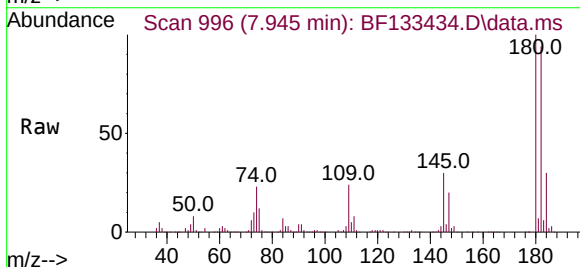
RT: 7.945 min Scan# 996

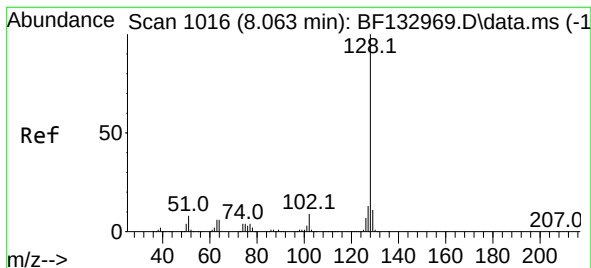
Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

Tgt Ion:180 Resp: 658092
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.9 113.9
 145 30.1 25.3 37.9





#31

Naphthalene

Concen: 42.105 ng

RT: 8.028 min Scan# 1016

Delta R.T. 0.006 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

Tgt Ion:128 Resp: 206839

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

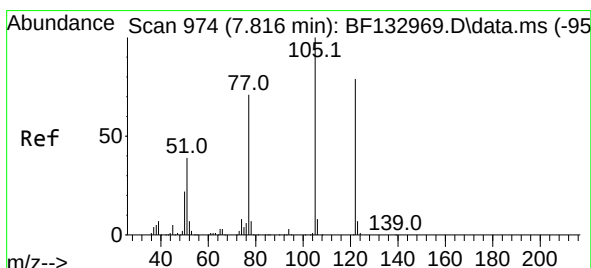
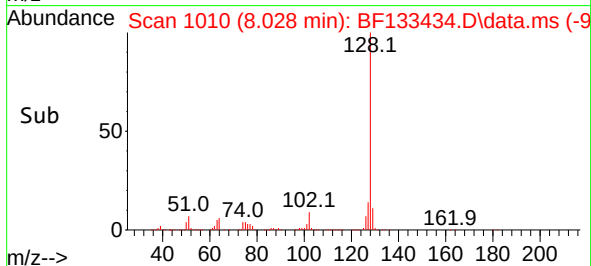
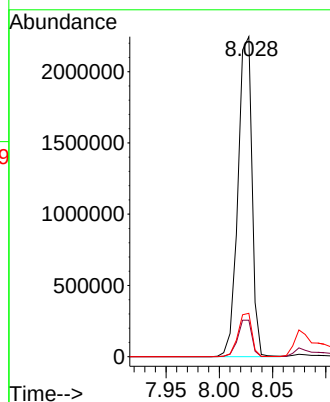
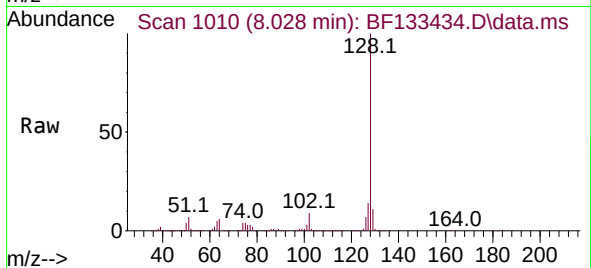
127 13.6 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#32

Benzoic acid

Concen: 40.075 ng m

RT: 7.816 min Scan# 974

Delta R.T. 0.018 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

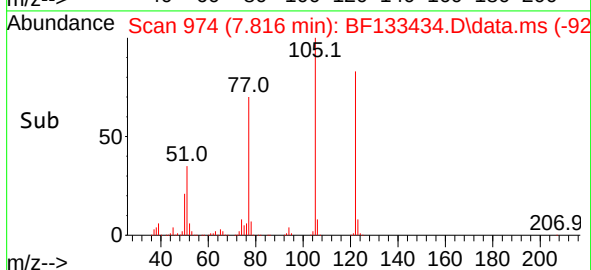
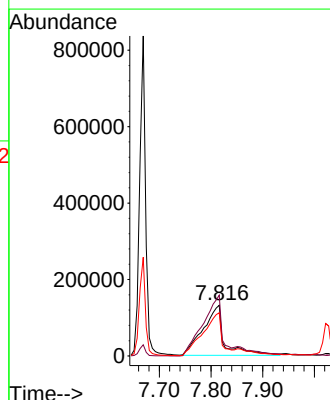
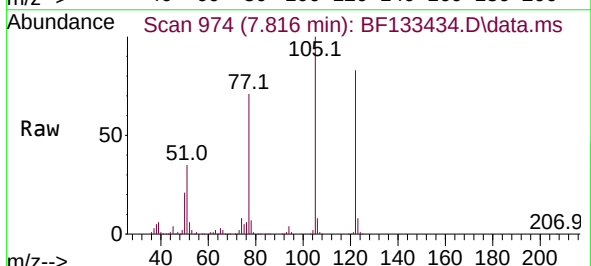
Tgt Ion:122 Resp: 377643

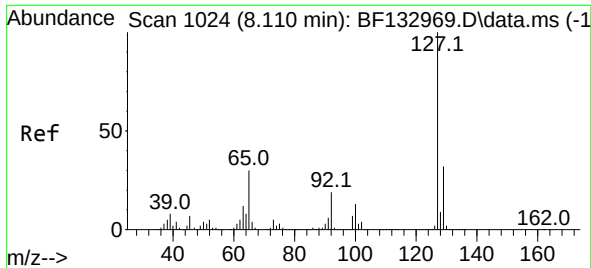
Ion Ratio Lower Upper

122 100

105 120.1 104.2 144.2

77 85.4 69.7 109.7





#33
4-Chloroaniline
Concen: 17.285 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

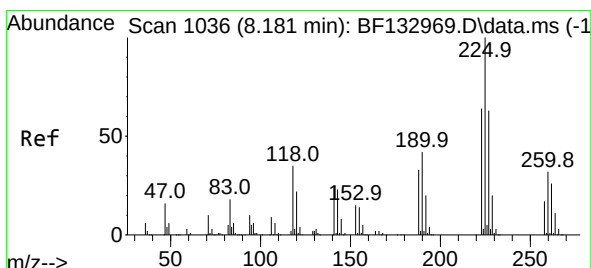
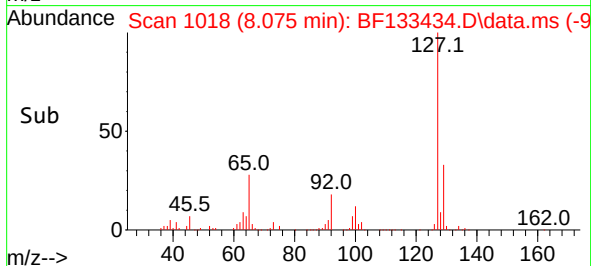
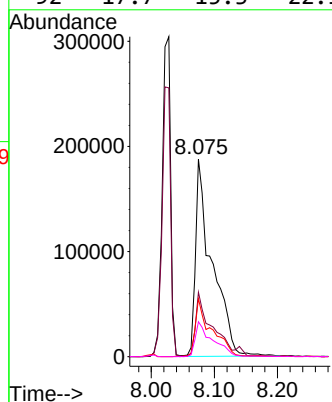
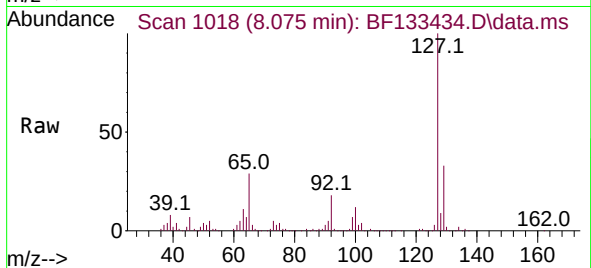
PB152844BS

Tgt Ion:127 Resp: 34308
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8
65 29.4 23.6 35.4
92 17.7 15.3 22.9

Manual Integrations

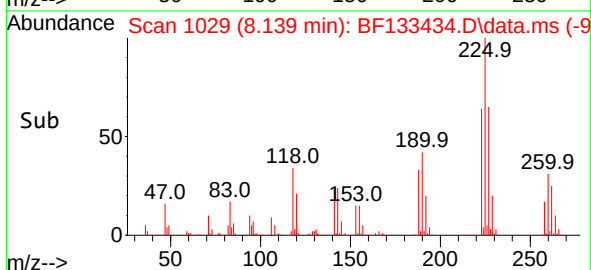
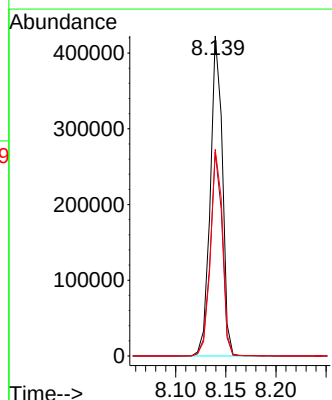
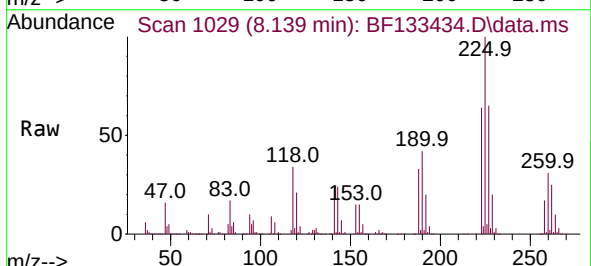
APPROVED

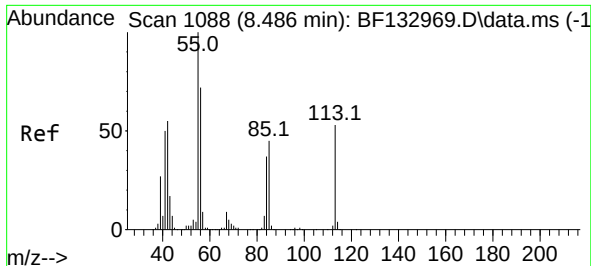
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#34
Hexachlorobutadiene
Concen: 44.525 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

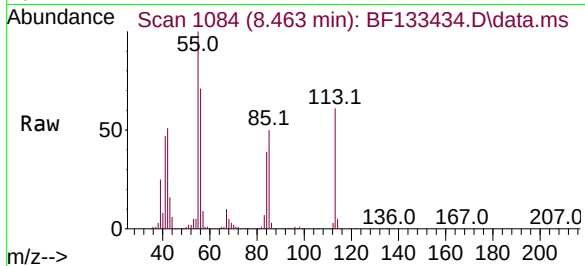
Tgt Ion:225 Resp: 355064
Ion Ratio Lower Upper
225 100
223 63.8 50.9 76.3
227 64.6 50.3 75.5





#35
Caprolactam
Concen: 48.499 ng m
RT: 8.463 min Scan# 1084
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

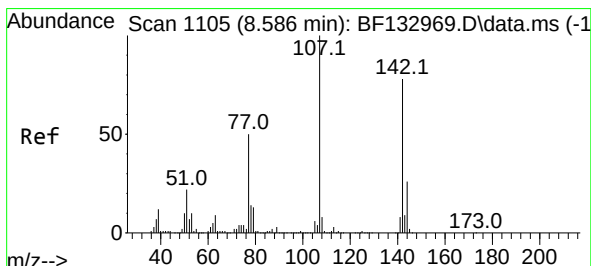
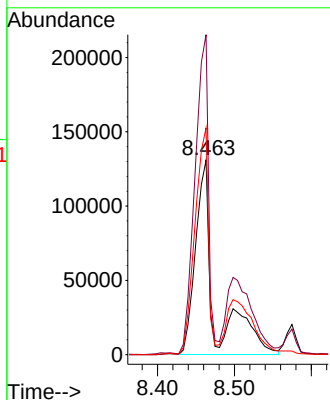
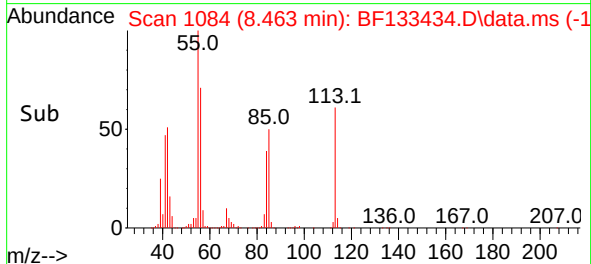
Instrument :
BNA_F
ClientSampleId :
PB152844BS



Tgt Ion:113 Resp: 22627
Ion Ratio Lower Upper
113 100
55 164.5 167.1 207.1
56 116.6 114.5 154.5

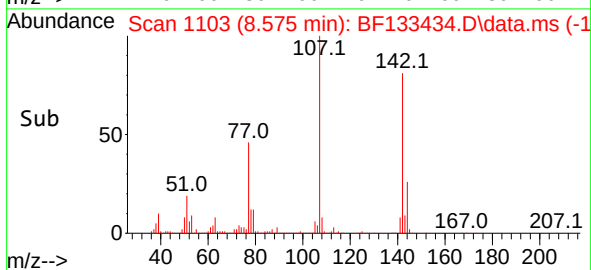
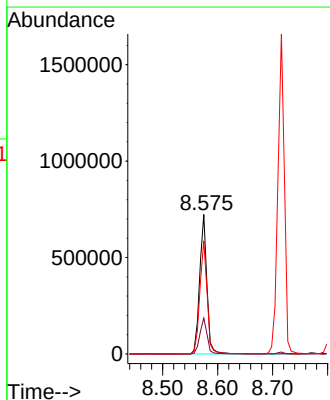
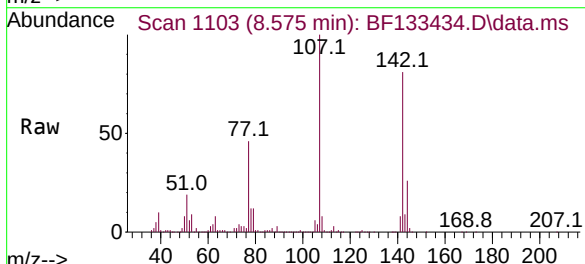
Manual Integrations
APPROVED

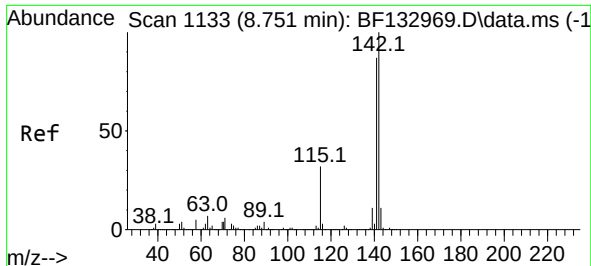
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#36
4-Chloro-3-methylphenol
Concen: 44.559 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion:107 Resp: 667343
Ion Ratio Lower Upper
107 100
144 25.7 20.6 30.8
142 81.1 62.8 94.2





#37

2-Methylnaphthalene

Concen: 40.890 ng

RT: 8.716 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

Tgt Ion:142 Resp: 1373289

Ion Ratio Lower Upper

142 100

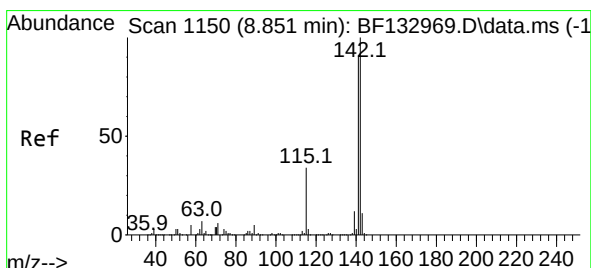
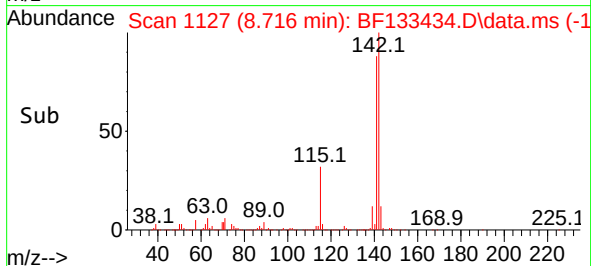
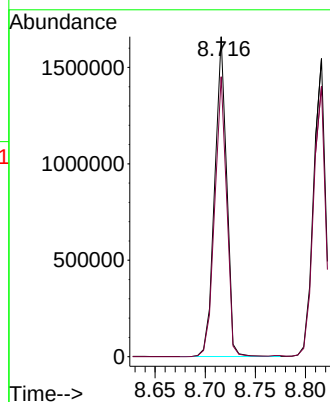
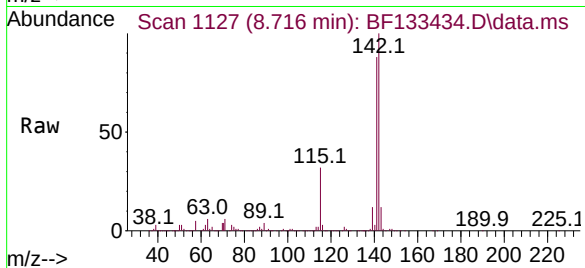
141 87.5 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#38

1-Methylnaphthalene

Concen: 40.635 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF133434.D

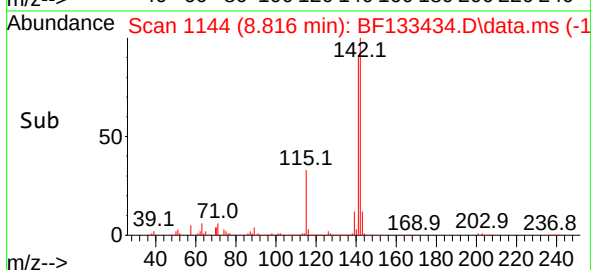
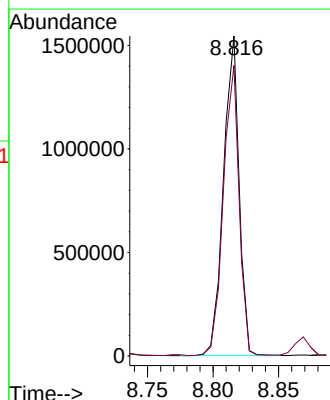
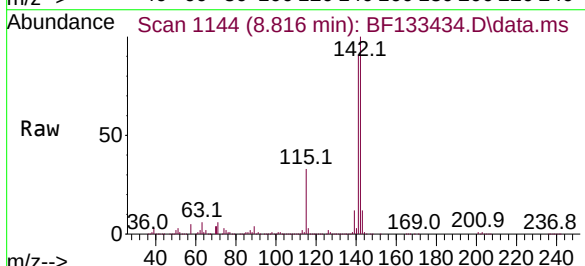
Acq: 18 May 2023 11:24

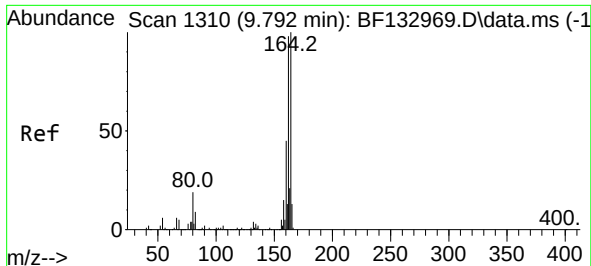
Tgt Ion:142 Resp: 1276692

Ion Ratio Lower Upper

142 100

141 90.8 73.1 109.7





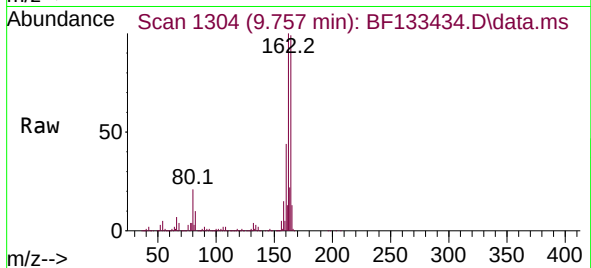
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

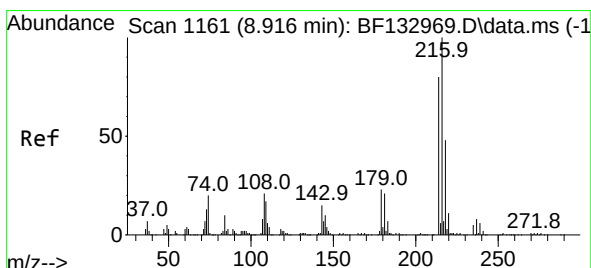
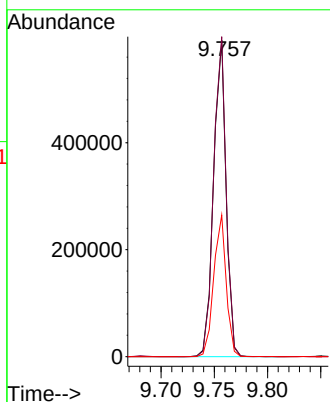
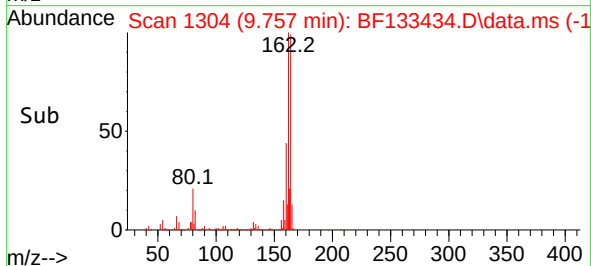


Tgt Ion:164 Resp: 48432
Ion Ratio Lower Upper
164 100
162 101.1 78.7 118.1
160 44.7 35.8 53.6

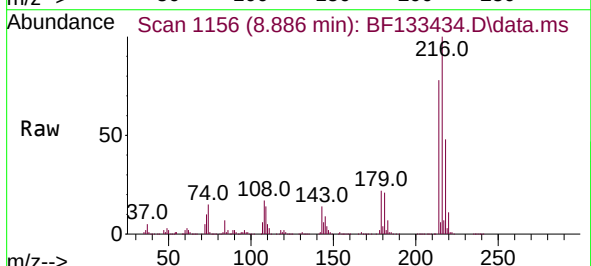
Manual Integrations

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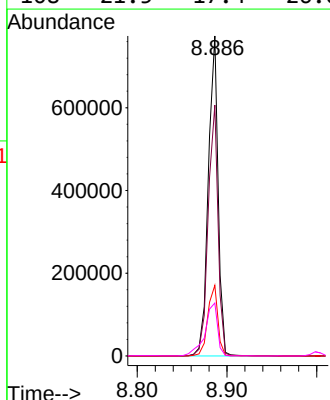
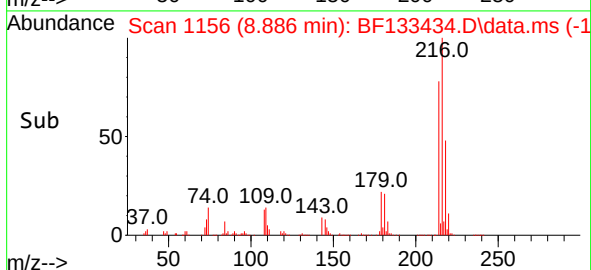
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

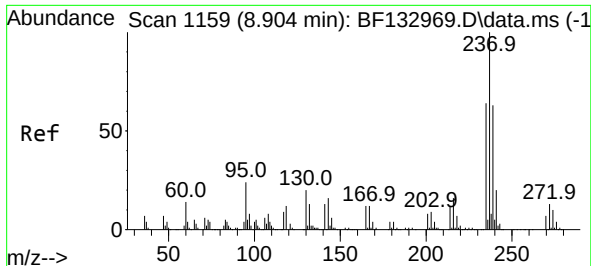


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.021 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



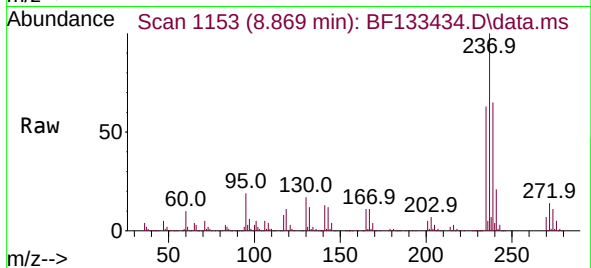
Tgt Ion:216 Resp: 586268
Ion Ratio Lower Upper
216 100
214 79.3 63.5 95.3
179 22.7 17.4 26.2
108 21.5 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 78.314 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

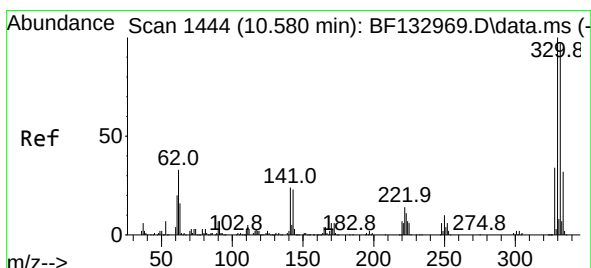
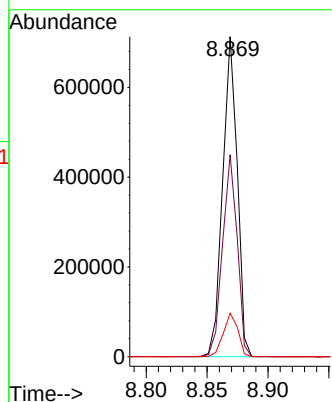
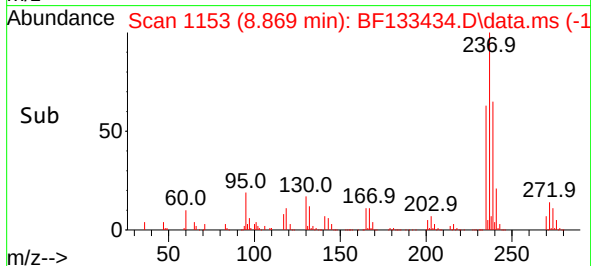
Instrument :
BNA_F
ClientSampleId :
PB152844BS



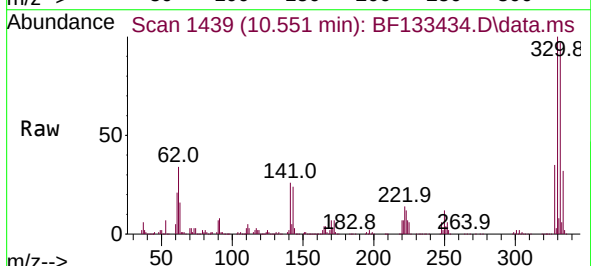
Tgt Ion:237 Resp: 59476
Ion Ratio Lower Upper
237 100
235 63.1 43.5 83.5
272 13.6 0.0 32.7

Manual Integrations
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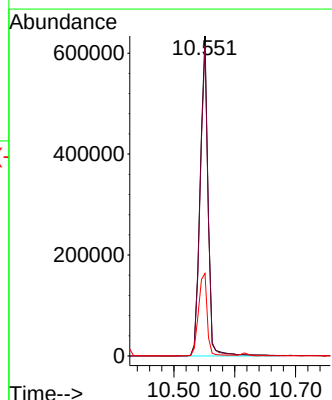
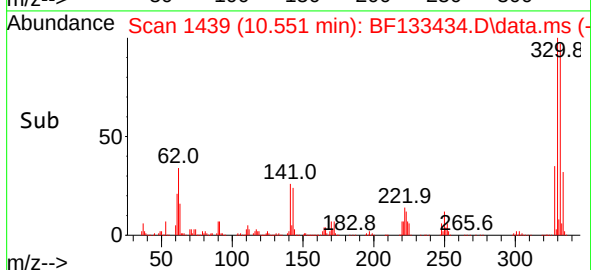
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

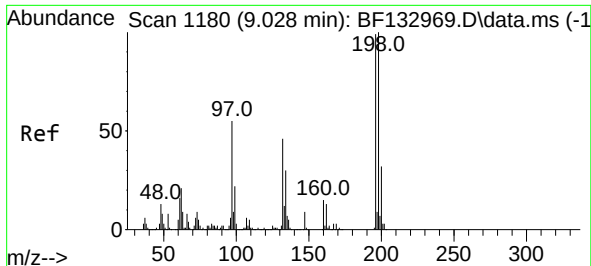


#42
2,4,6-Tribromophenol
Concen: 117.430 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



Tgt Ion:330 Resp: 571979
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 28.5 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 45.428 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

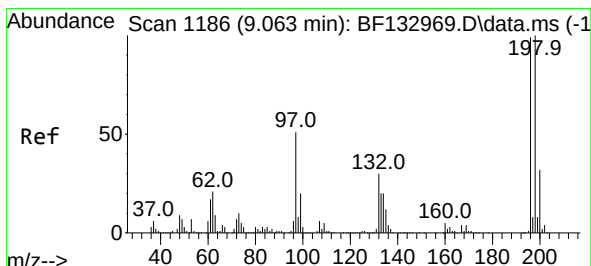
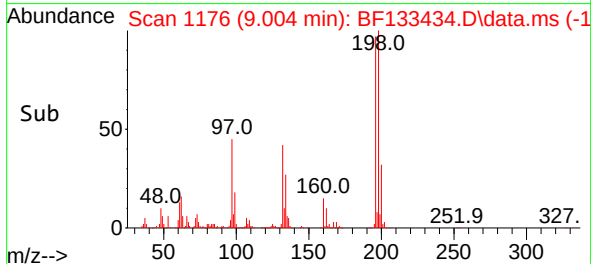
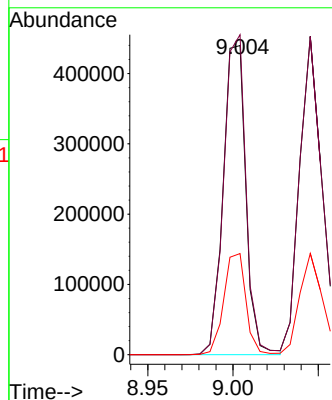
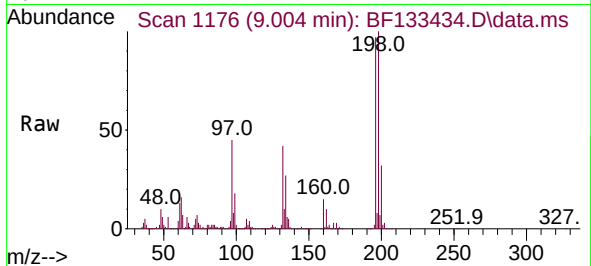
PB152844BS

Tgt Ion:196 Resp: 40911
Ion Ratio Lower Upper
196 100
198 103.5 81.0 121.6
200 32.7 26.1 39.1

Manual Integrations

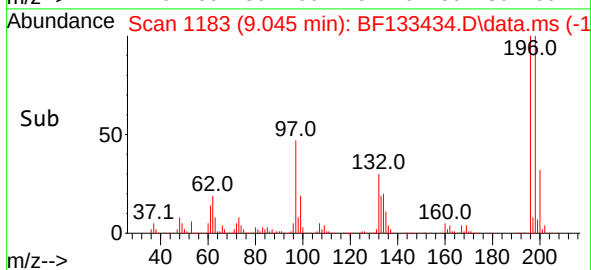
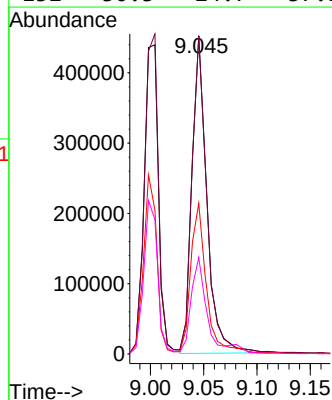
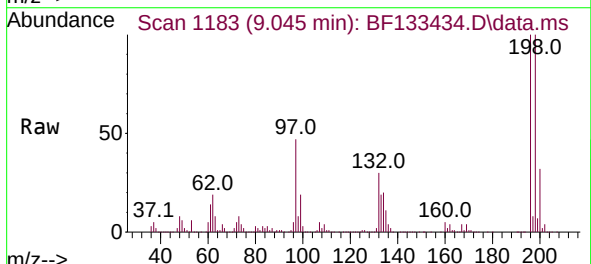
APPROVED

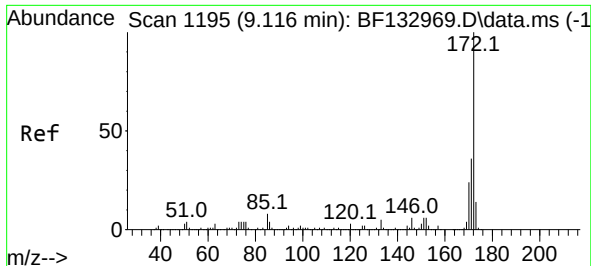
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#44
2,4,5-Trichlorophenol
Concen: 42.380 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion:196 Resp: 441400
Ion Ratio Lower Upper
196 100
198 100.0 80.9 121.3
97 47.4 41.3 61.9
132 30.3 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 84.201 ng
RT: 9.081 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :

BNA_F

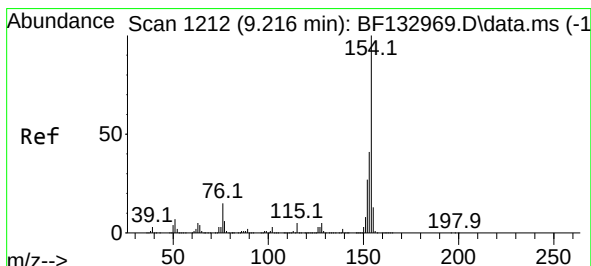
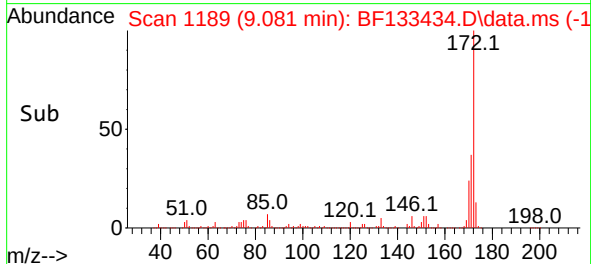
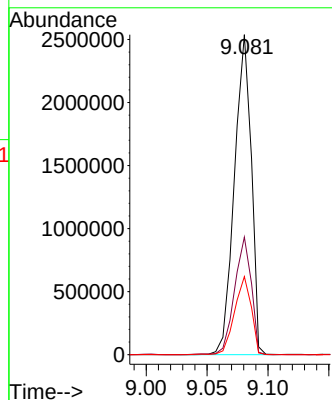
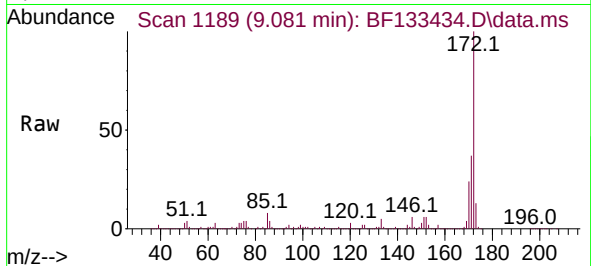
ClientSampleId :

PB152844BS

Tgt Ion:172 Resp: 2437580
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.4 19.4 29.2

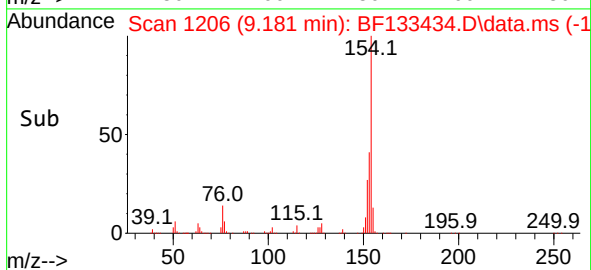
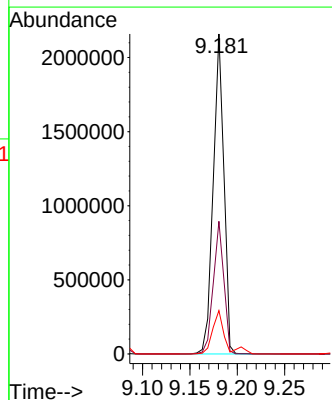
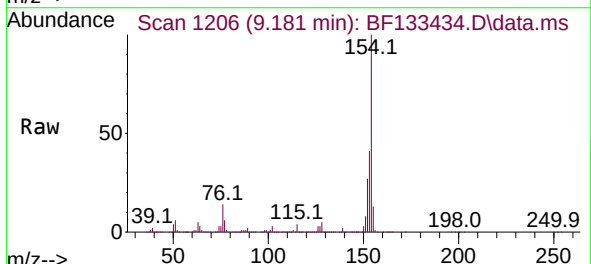
Manual Integrations
APPROVED

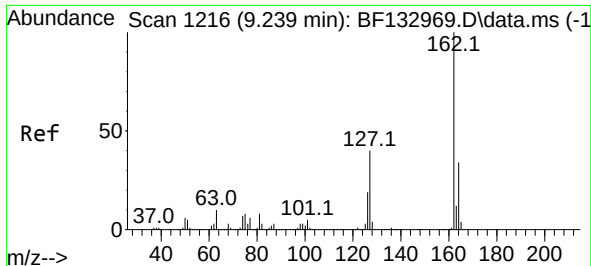
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#46
1,1'-Biphenyl
Concen: 44.029 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion:154 Resp: 1690931
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 13.5 0.0 34.5





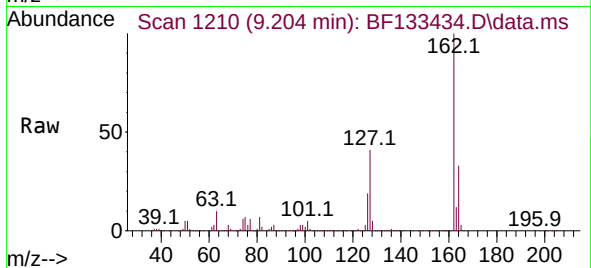
#47
2-Chloronaphthalene
Concen: 45.754 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

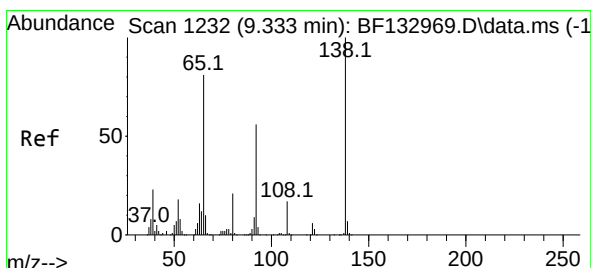
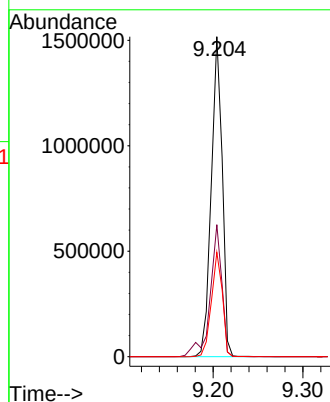
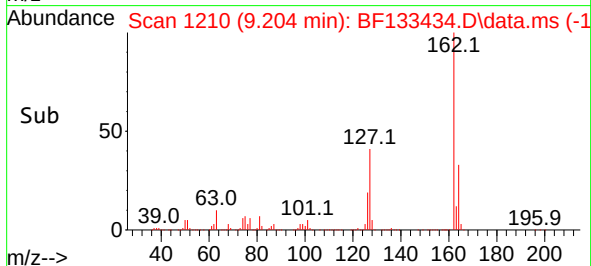


Tgt Ion:162 Resp: 1286139
Ion Ratio Lower Upper
162 100
127 41.3 32.3 48.5
164 32.6 26.8 40.2

Manual Integrations

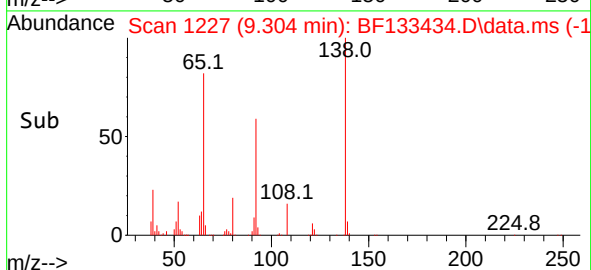
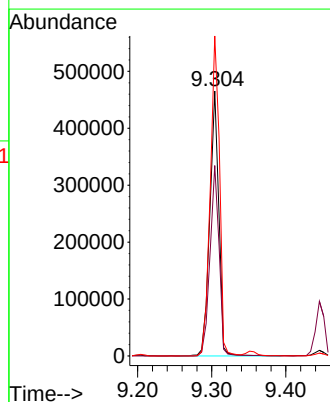
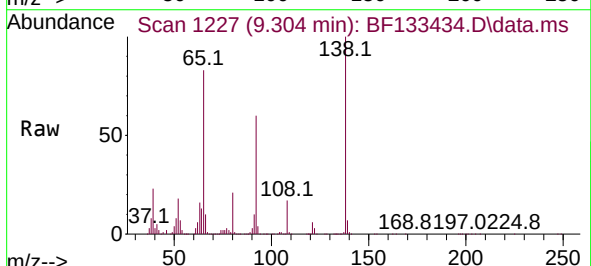
APPROVED

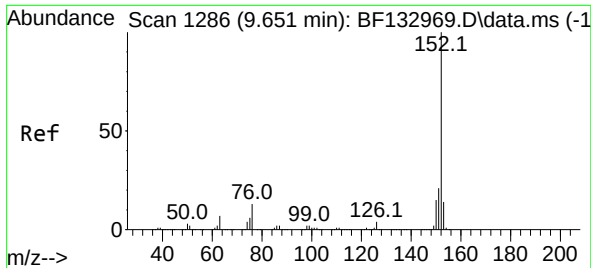
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#48
2-Nitroaniline
Concen: 42.708 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion: 65 Resp: 396762
Ion Ratio Lower Upper
65 100
92 71.9 55.4 83.0
138 120.8 98.2 147.2





#49
Acenaphthylene
Concen: 43.291 ng
RT: 9.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

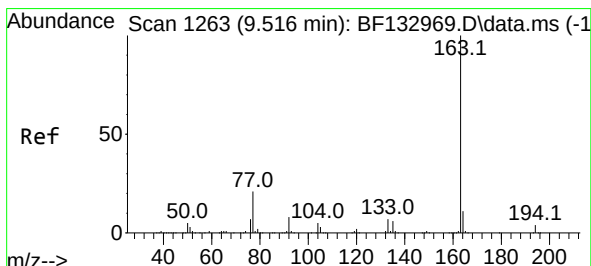
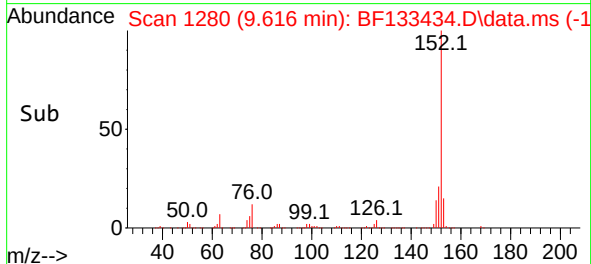
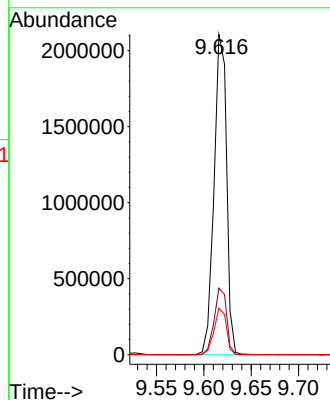
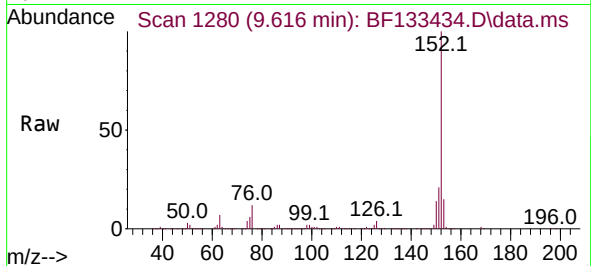
PB152844BS

Tgt Ion:152 Resp: 194441
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.5 11.5 17.3

Manual Integrations

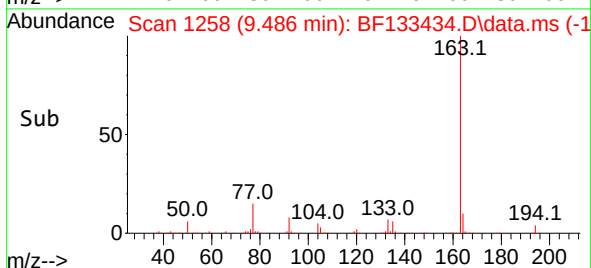
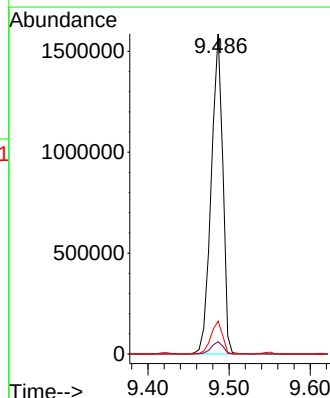
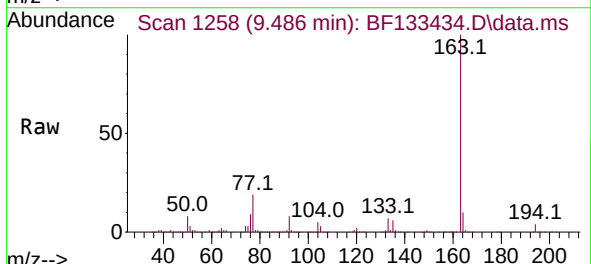
APPROVED

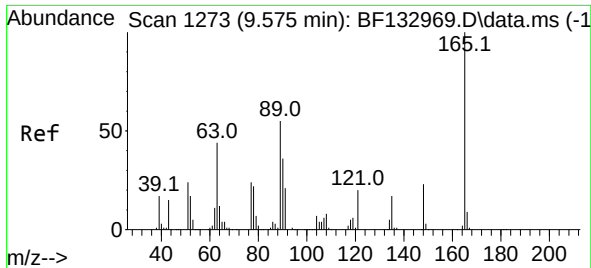
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#50
Dimethylphthalate
Concen: 46.244 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

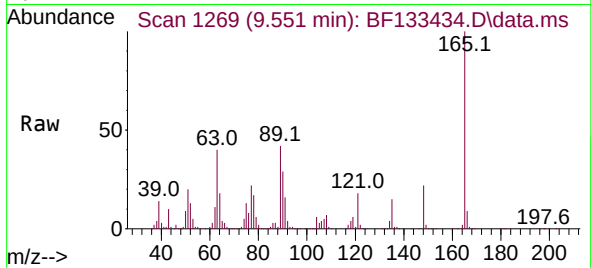
Tgt Ion:163 Resp: 1561712
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 47.903 ng
RT: 9.551 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

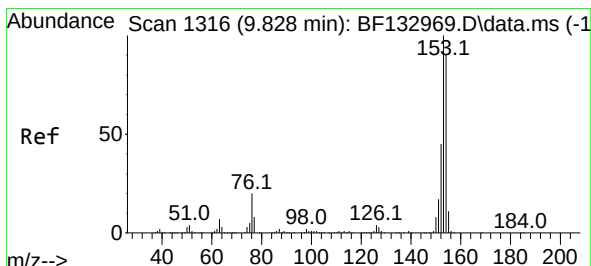
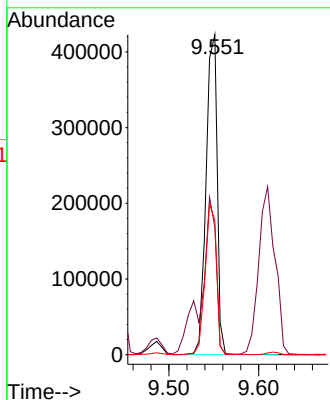
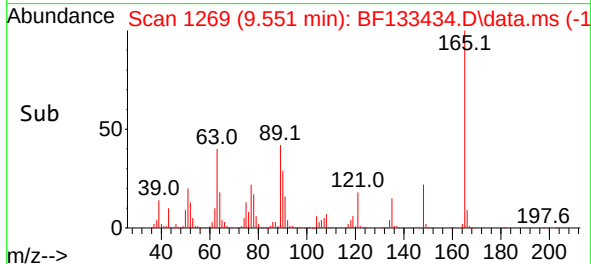
Instrument :
BNA_F
ClientSampleId :
PB152844BS



Tgt Ion:165 Resp: 364110
Ion Ratio Lower Upper
165 100
63 39.9 45.9 68.9
89 42.0 44.0 66.0

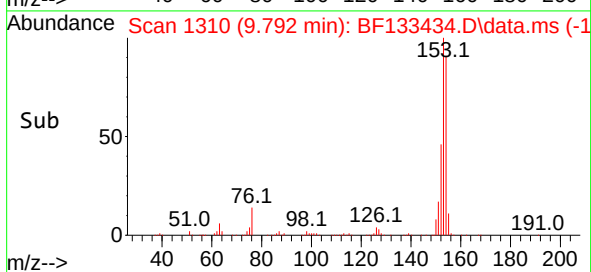
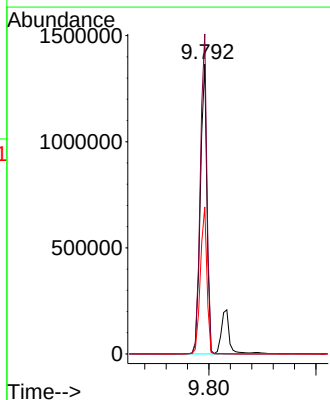
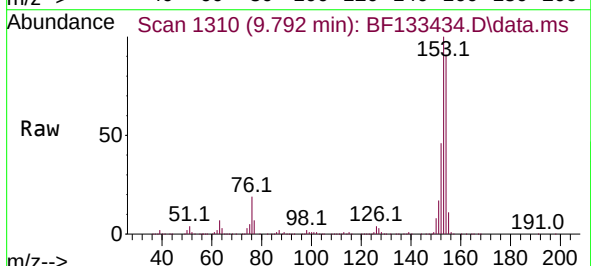
Manual Integrations
APPROVED

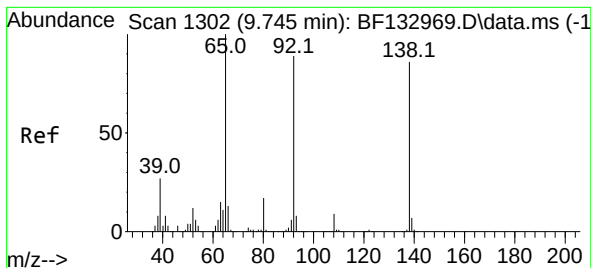
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#52
Acenaphthene
Concen: 45.992 ng m
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion:154 Resp: 1383534
Ion Ratio Lower Upper
154 100
153 110.4 89.0 133.6
152 50.7 40.4 60.6





#53

3-Nitroaniline

Concen: 22.604 ng

RT: 9.716 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BF133434.D

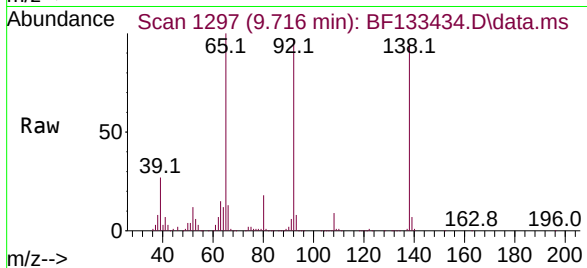
Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS



Tgt Ion:138 Resp: 204280

Ion Ratio Lower Upper

138 100

108 9.9 8.0 12.0

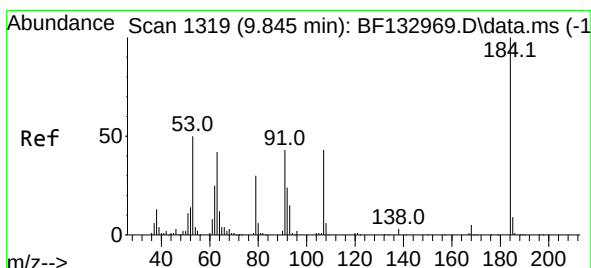
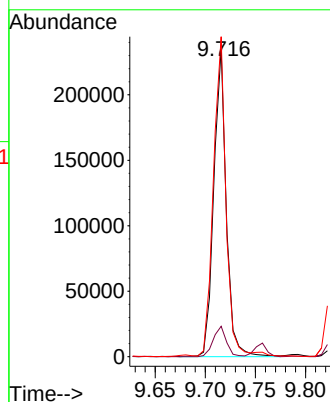
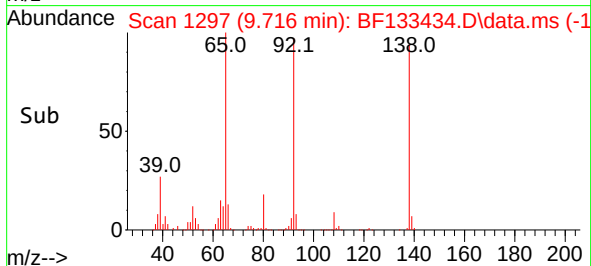
92 103.9 83.6 125.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#54

2,4-Dinitrophenol

Concen: 94.110 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

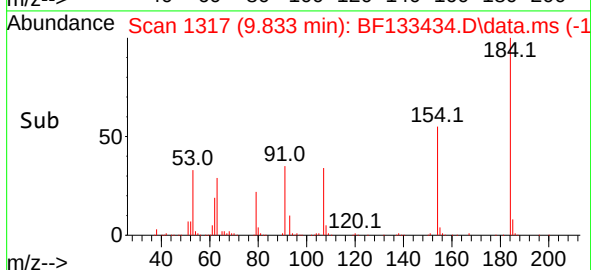
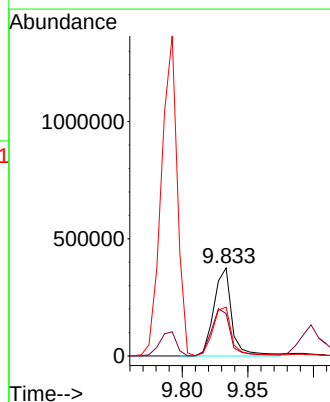
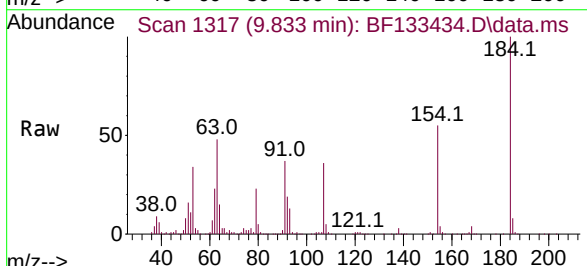
Tgt Ion:184 Resp: 359558

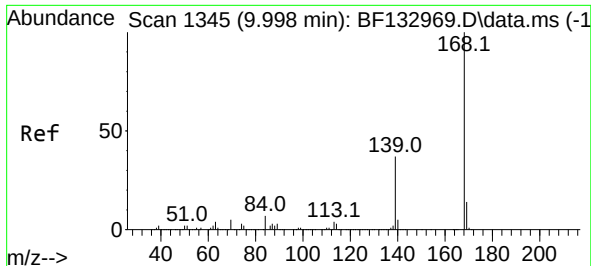
Ion Ratio Lower Upper

184 100

63 48.2 49.8 74.8#

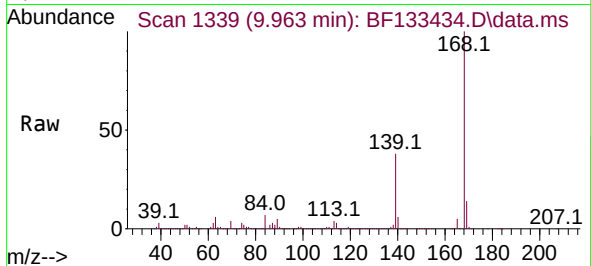
154 55.5 49.5 74.3





#55
Dibenzenofuran
Concen: 38.552 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

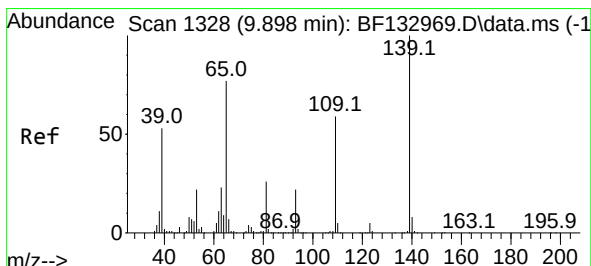
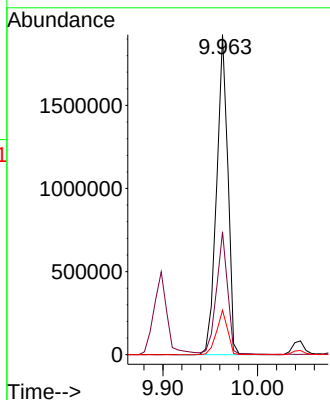
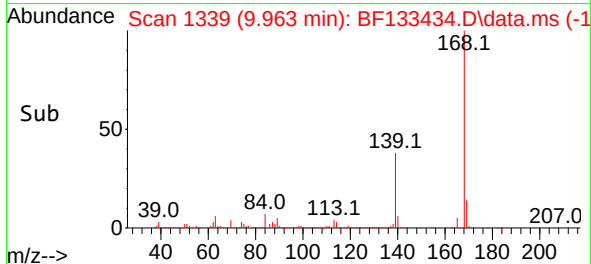
Instrument :
BNA_F
ClientSampleId :
PB152844BS



Tgt Ion:168 Resp: 1581944
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.8
169 13.9 10.8 16.2

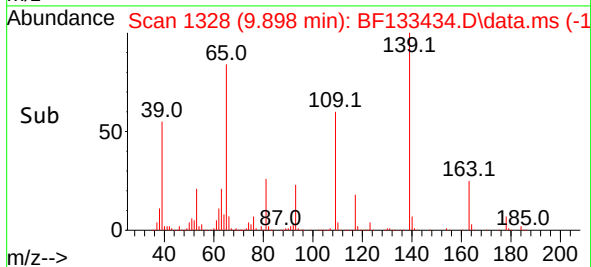
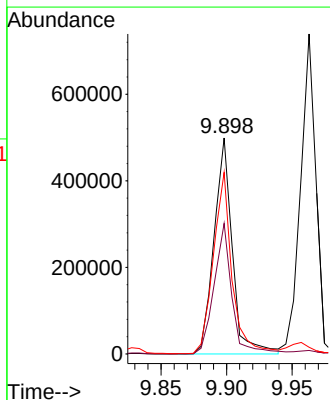
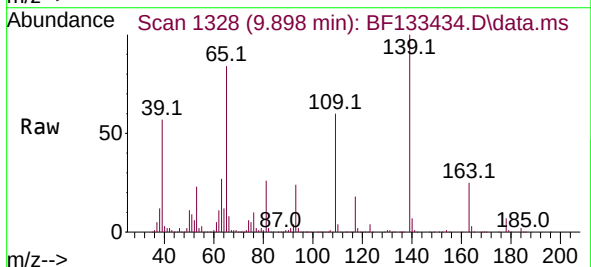
Manual Integrations
APPROVED

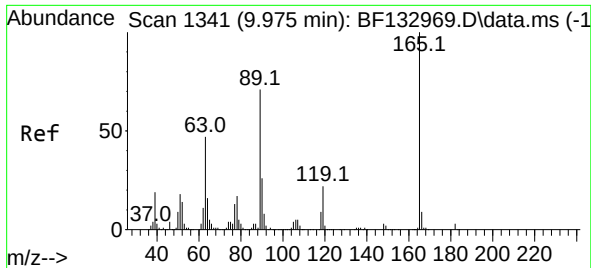
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#56
4-Nitrophenol
Concen: 69.260 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion:139 Resp: 484808
Ion Ratio Lower Upper
139 100
109 60.5 39.4 79.4
65 84.1 57.5 97.5





#57
2,4-Dinitrotoluene
Concen: 41.792 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

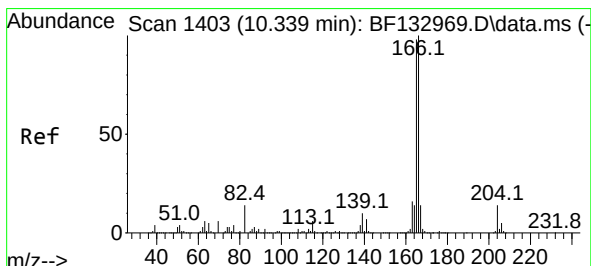
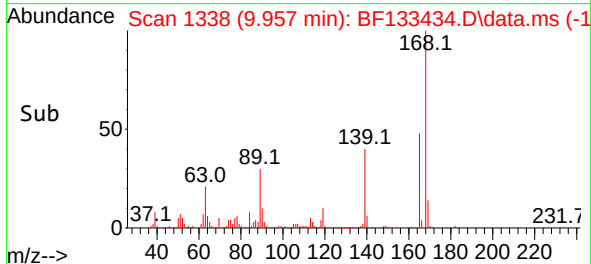
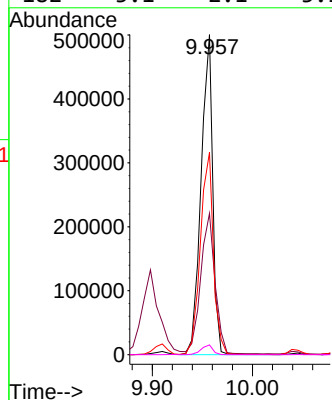
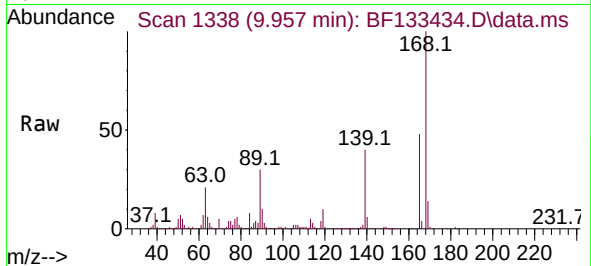
PB152844BS

Tgt Ion:165 Resp: 40510
Ion Ratio Lower Upper
165 100
63 44.2 37.7 56.5
89 63.2 57.0 85.4
182 3.1 2.1 3.1

Manual Integrations

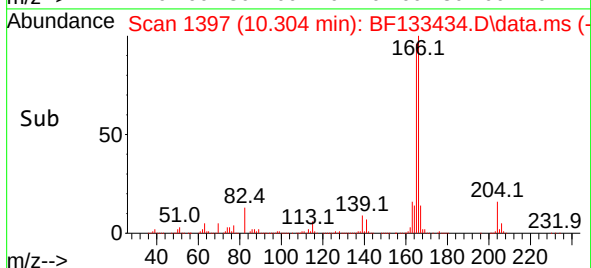
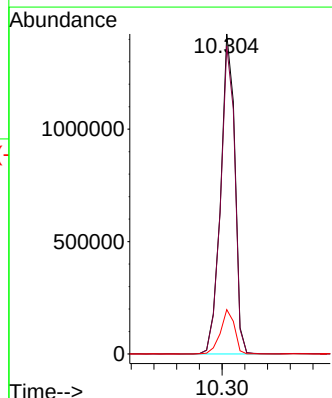
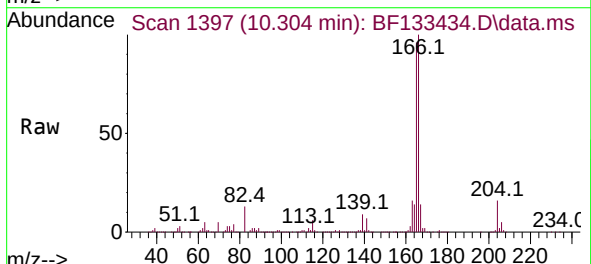
APPROVED

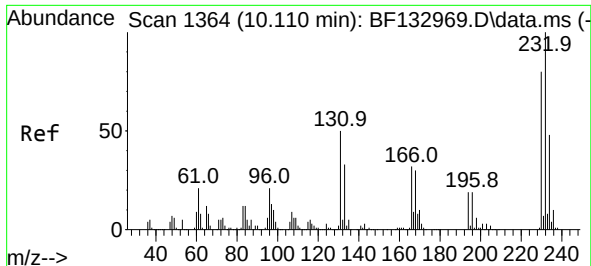
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#58
Fluorene
Concen: 41.122 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

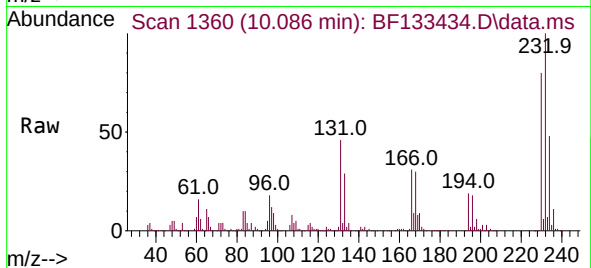
Tgt Ion:166 Resp: 1236273
Ion Ratio Lower Upper
166 100
165 96.3 78.6 117.8
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.888 ng
RT: 10.086 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

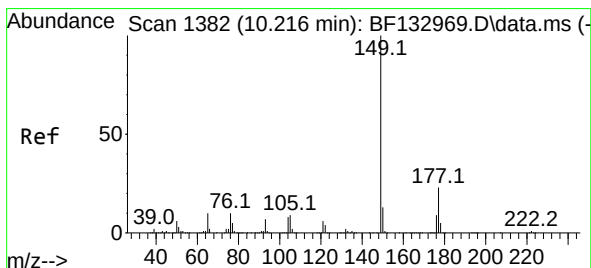
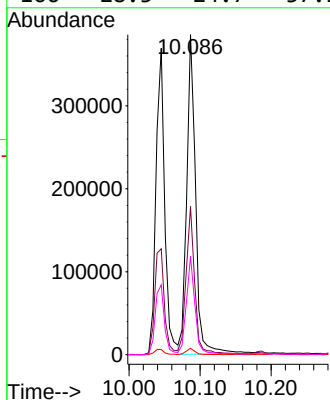
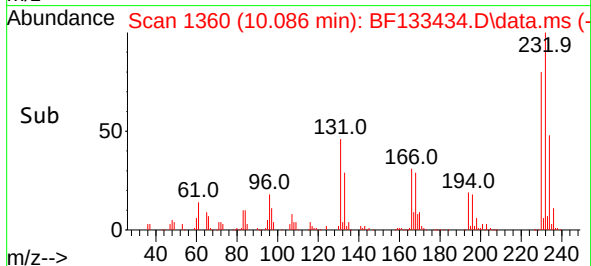
Instrument :
BNA_F
ClientSampleId :
PB152844BS



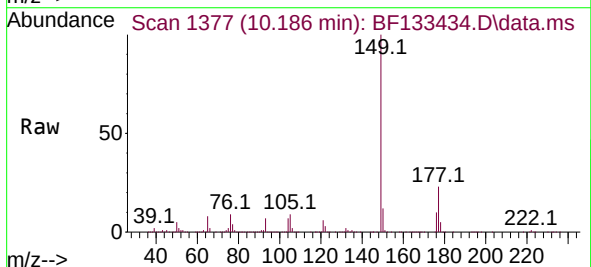
Tgt Ion:232 Resp: 338228
Ion Ratio Lower Upper
232 100
131 44.2 38.0 57.0
130 2.0 1.8 2.8
166 28.3 24.7 37.1

Manual Integrations
APPROVED

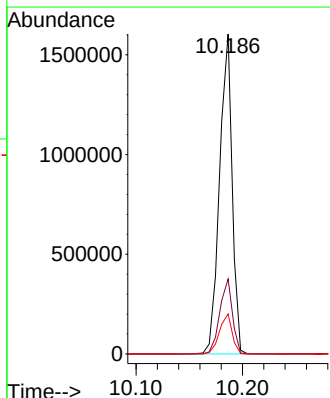
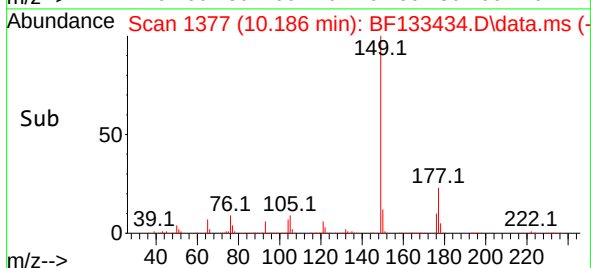
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

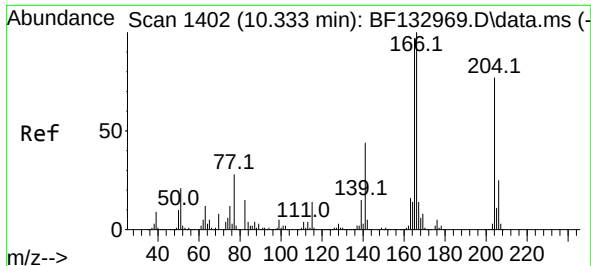


#60
Diethylphthalate
Concen: 41.173 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



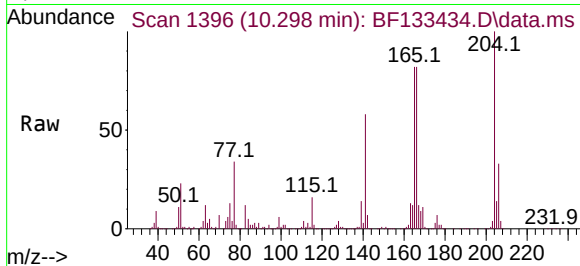
Tgt Ion:149 Resp: 1313370
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.4
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.338 ng
RT: 10.298 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

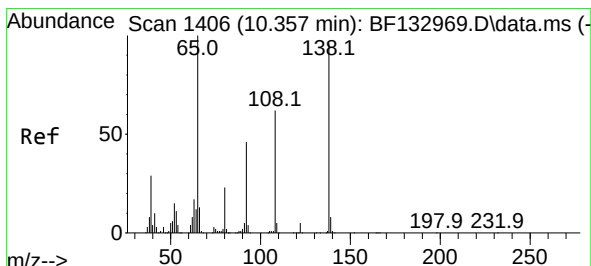
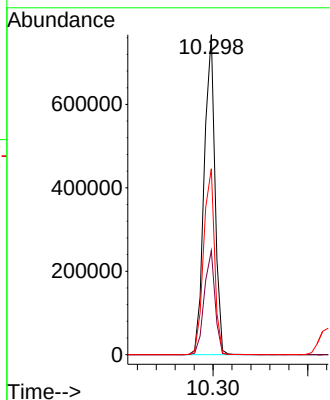
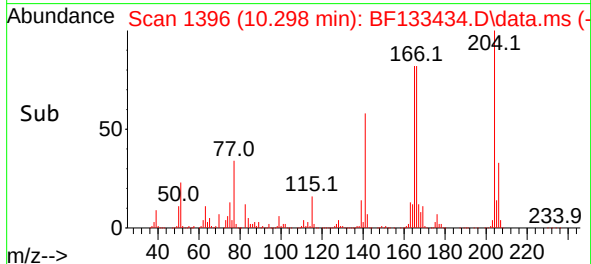
Instrument :
BNA_F
ClientSampleId :
PB152844BS



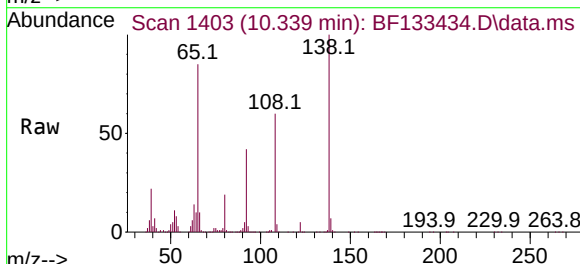
Tgt Ion:204 Resp: 60562
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 58.1 46.1 69.1

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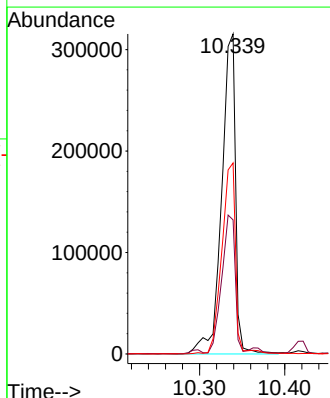
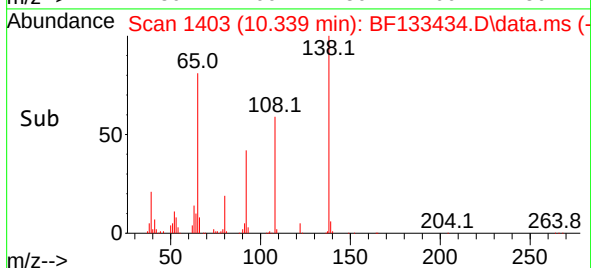
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

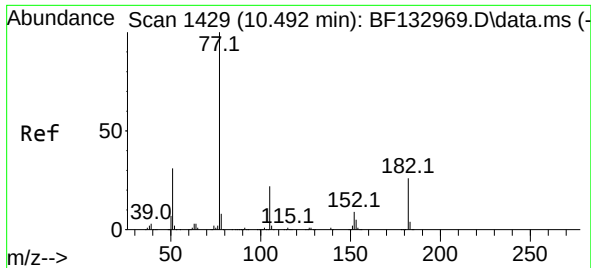


#62
4-Nitroaniline
Concen: 43.179 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



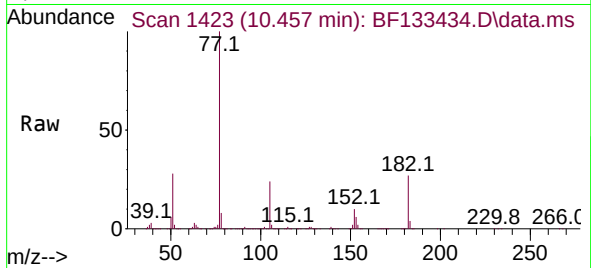
Tgt Ion:138 Resp: 358671
Ion Ratio Lower Upper
138 100
92 41.9 27.7 67.7
108 59.7 45.2 85.2





#63
Azobenzene
Concen: 36.626 ng
RT: 10.457 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

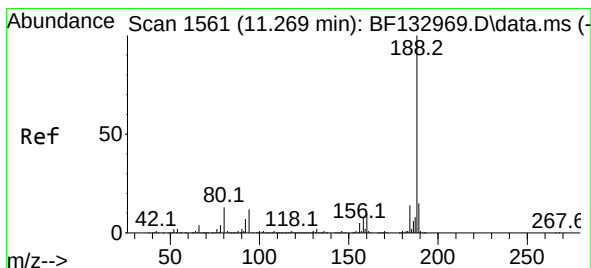
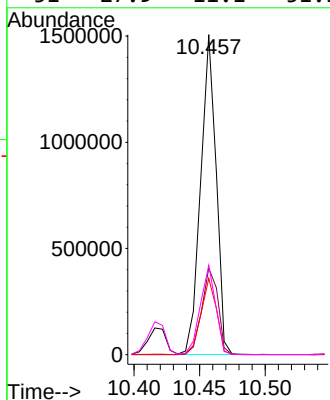
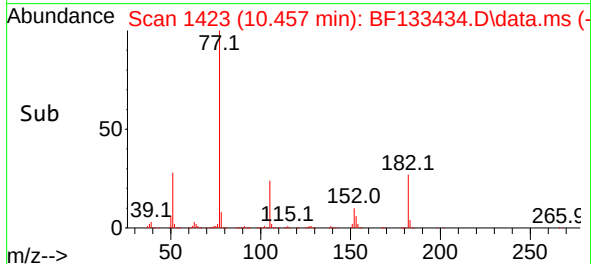
Instrument :
BNA_F
ClientSampleId :
PB152844BS



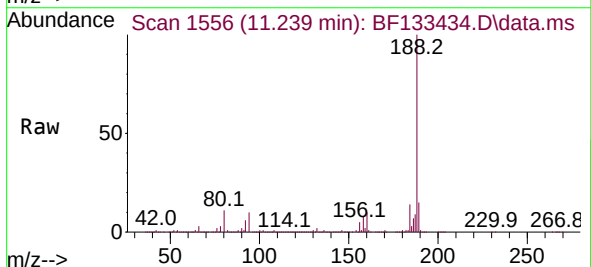
Tgt Ion: 77 Resp: 1237648
Ion Ratio Lower Upper
77 100
182 27.1 5.9 45.9
105 23.9 2.3 42.3
51 27.9 11.1 51.1

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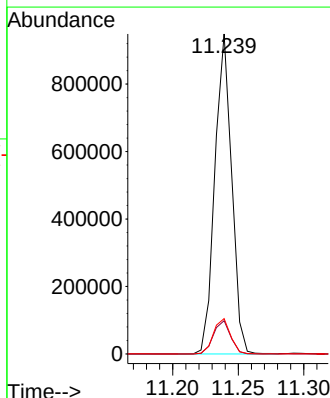
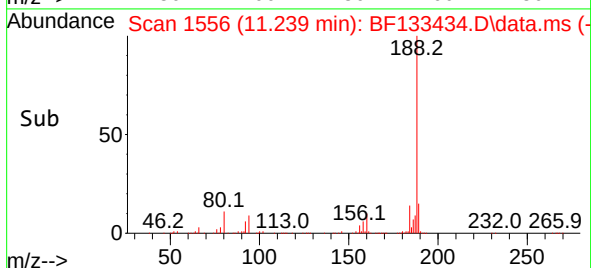
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

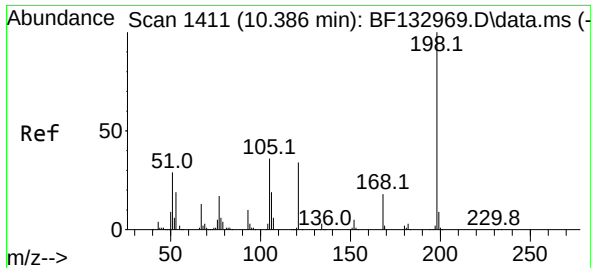


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



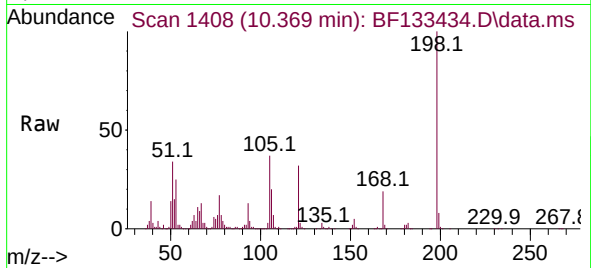
Tgt Ion:188 Resp: 845697
Ion Ratio Lower Upper
188 100
94 10.4 9.7 14.5
80 11.0 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 50.518 ng
RT: 10.369 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

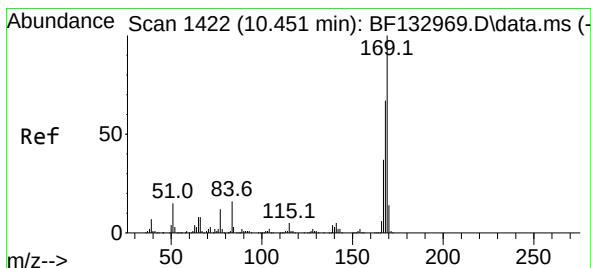
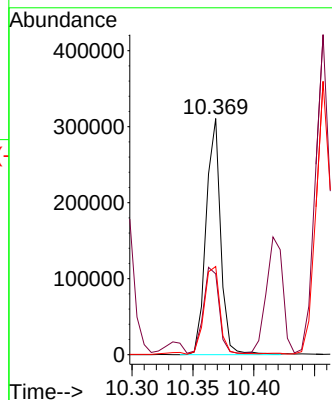
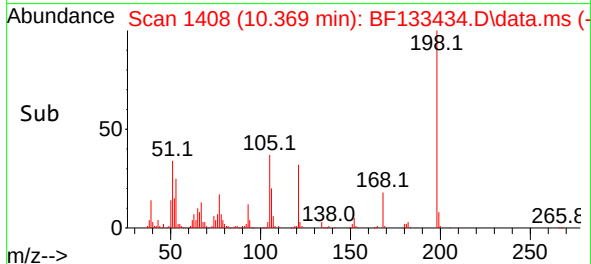
Instrument :
BNA_F
ClientSampleId :
PB152844BS



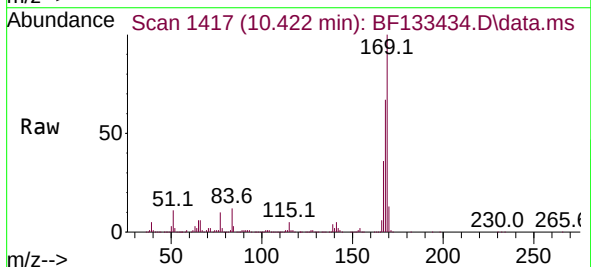
Tgt Ion:198 Resp: 258952
Ion Ratio Lower Upper
198 100
51 34.2 15.5 55.5
105 37.3 16.7 56.7

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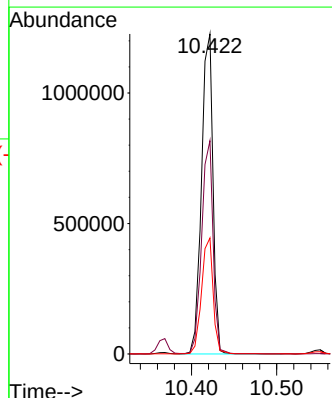
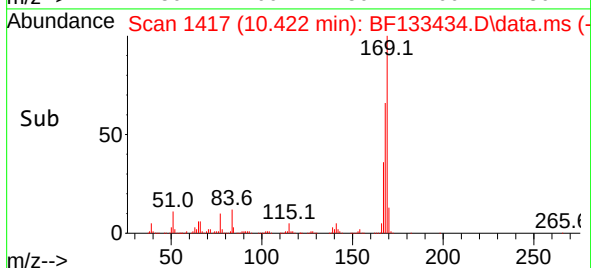
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

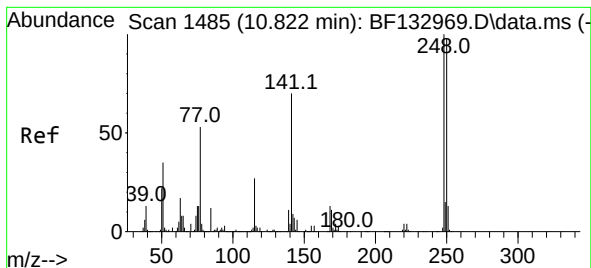


#66
n-Nitrosodiphenylamine
Concen: 41.731 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



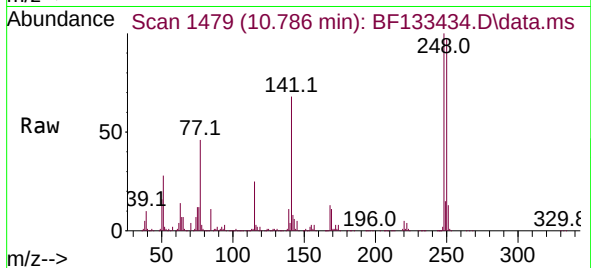
Tgt Ion:169 Resp: 1144772
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 36.3 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 42.804 ng
RT: 10.786 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

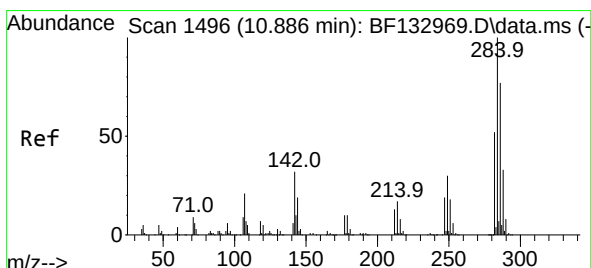
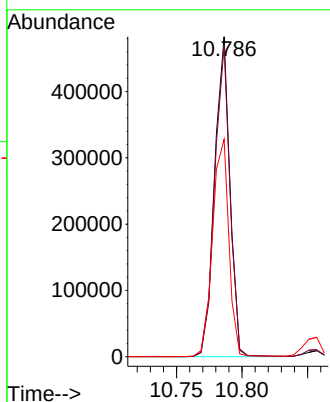
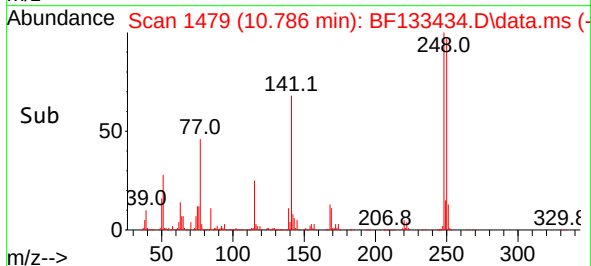
Instrument :
BNA_F
ClientSampleId :
PB152844BS



Tgt Ion:248 Resp: 392604
Ion Ratio Lower Upper
248 100
250 97.1 78.7 118.1
141 67.9 56.3 84.5

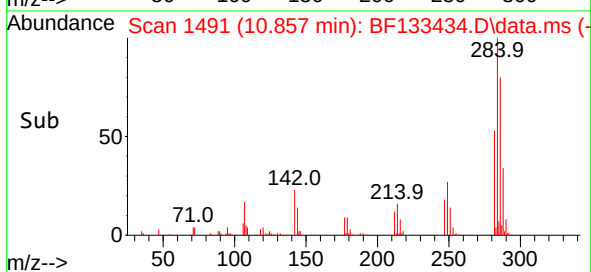
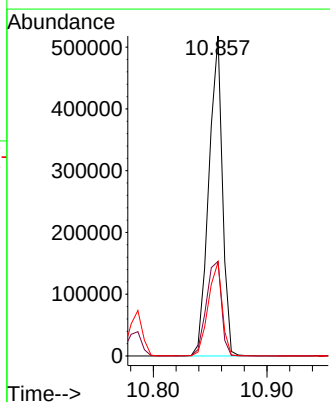
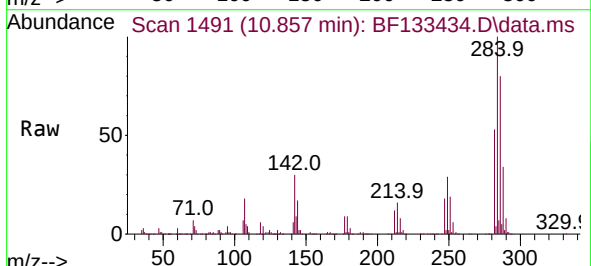
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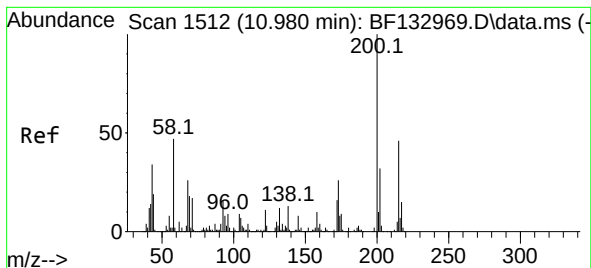
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#68
Hexachlorobenzene
Concen: 45.677 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion:284 Resp: 429295
Ion Ratio Lower Upper
284 100
142 29.5 26.0 39.0
249 29.3 23.7 35.5





#69

Atrazine

Concen: 51.037 ng

RT: 10.951 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

Tgt Ion:200 Resp: 403420

Ion Ratio Lower Upper

200 100

173 28.1 6.2 46.2

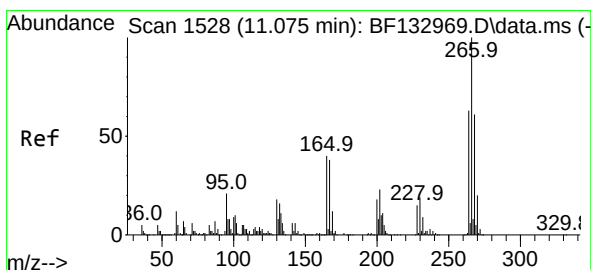
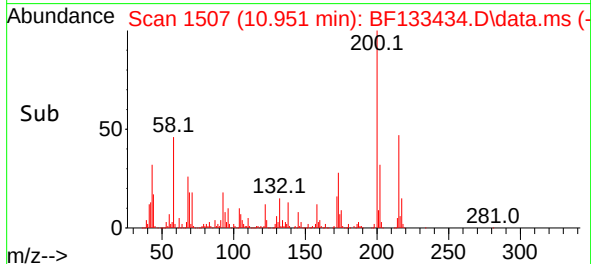
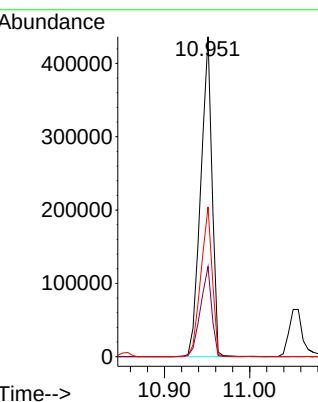
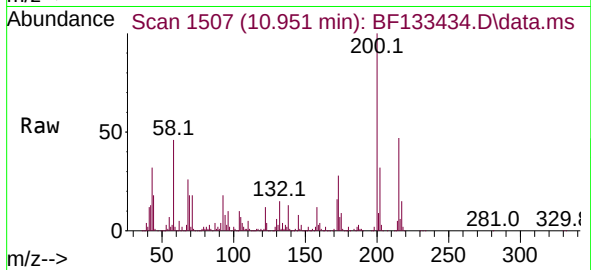
215 46.8 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#70

Pentachlorophenol

Concen: 65.799 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

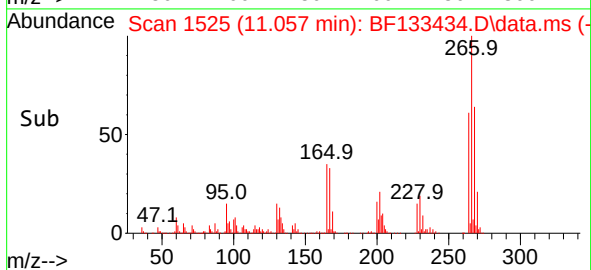
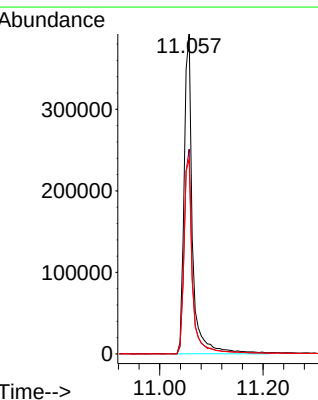
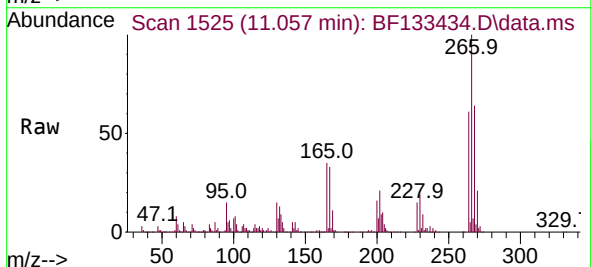
Tgt Ion:266 Resp: 440429

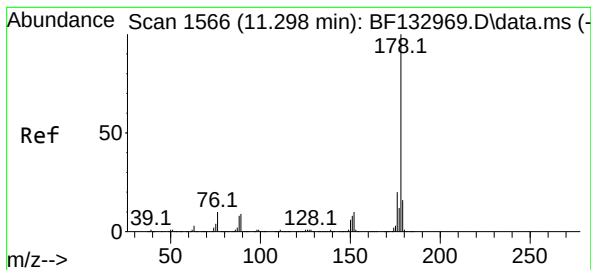
Ion Ratio Lower Upper

266 100

268 64.0 48.8 73.2

264 60.9 50.6 76.0





#71

Phenanthrene

Concen: 41.447 ng

RT: 11.263 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

Tgt Ion:178 Resp: 1883930

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

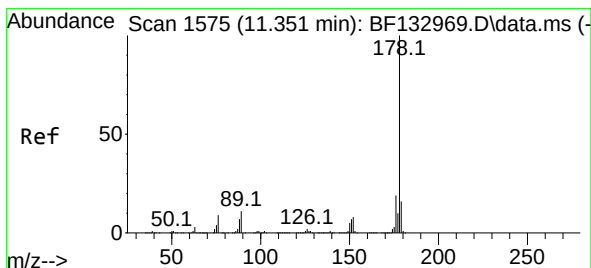
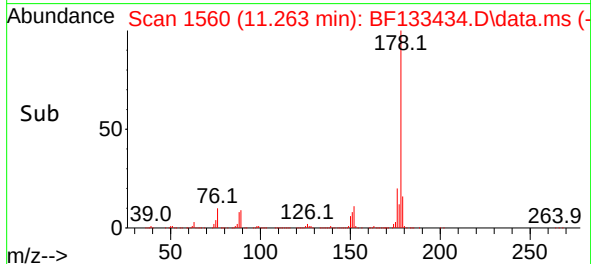
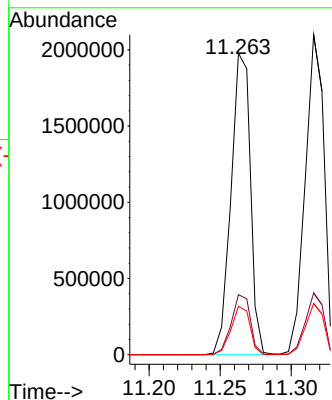
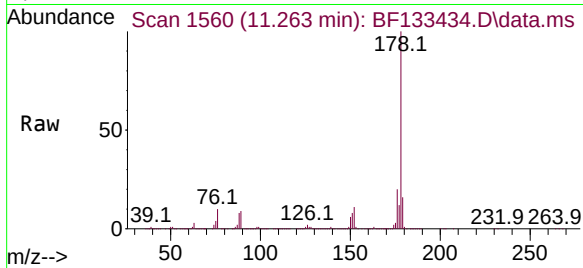
179 16.0 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2023

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#72

Anthracene

Concen: 41.587 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

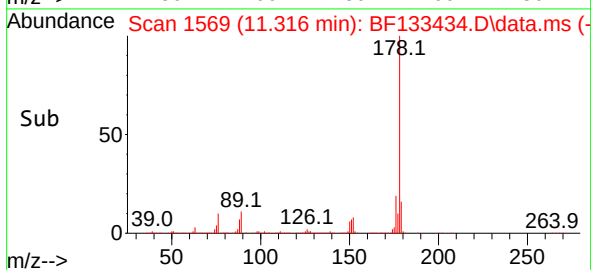
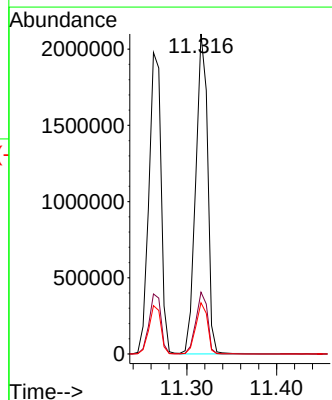
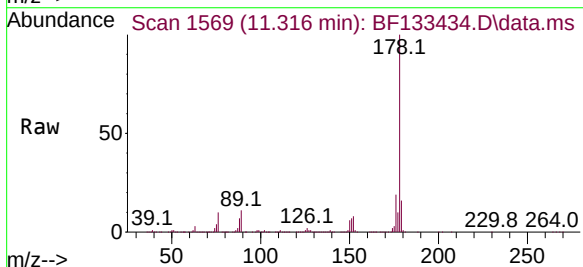
Tgt Ion:178 Resp: 1934507

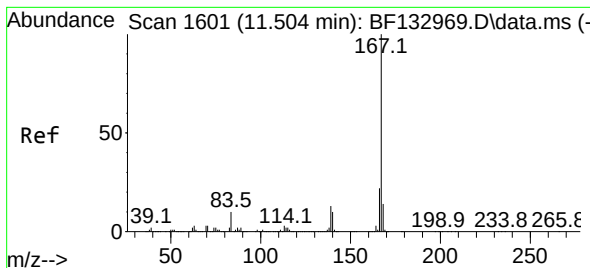
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 16.0 12.4 18.6





#73

Carbazole

Concen: 42.460 ng

RT: 11.475 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

Tgt Ion:167 Resp: 175869

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

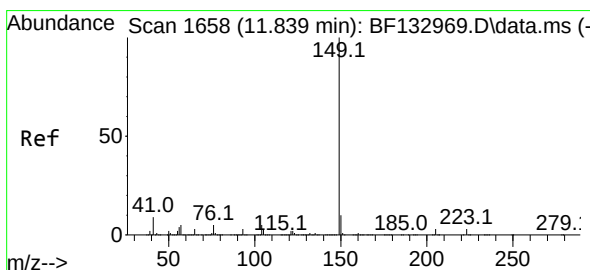
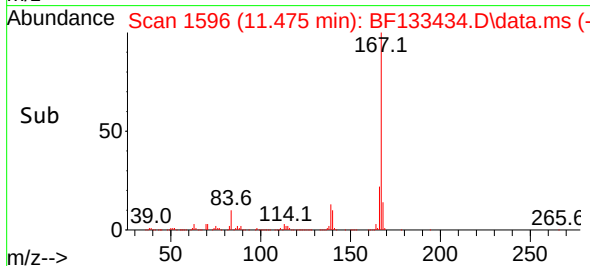
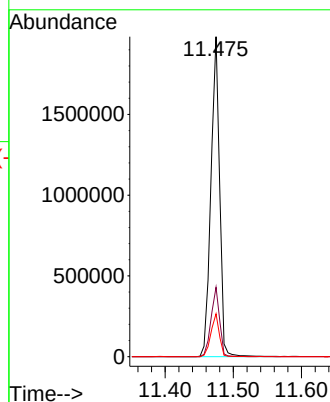
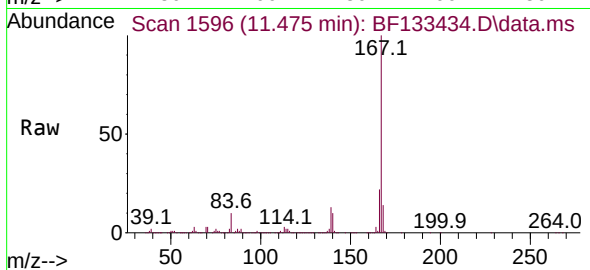
139 13.4 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#74

Di-n-butylphthalate

Concen: 45.090 ng

RT: 11.804 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

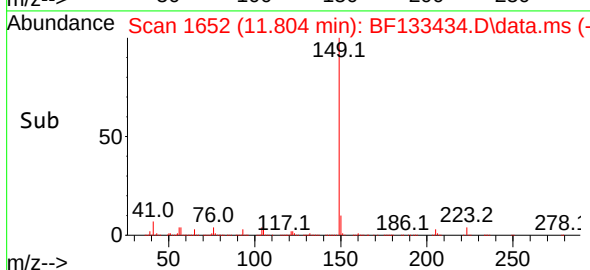
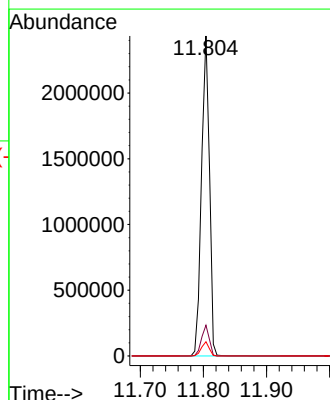
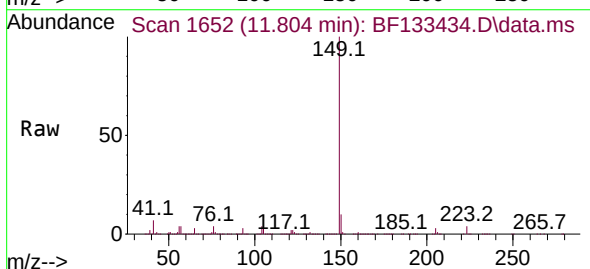
Tgt Ion:149 Resp: 2113503

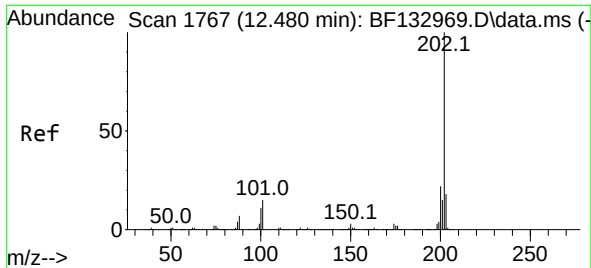
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

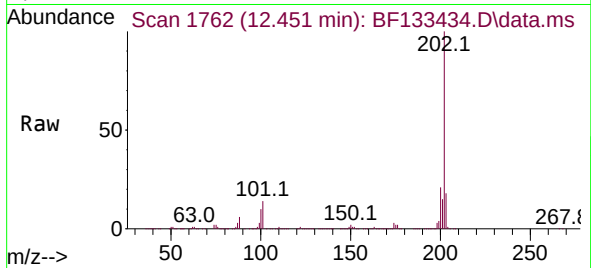
104 4.5 4.0 6.0





#75
Fluoranthene
Concen: 41.387 ng
RT: 12.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

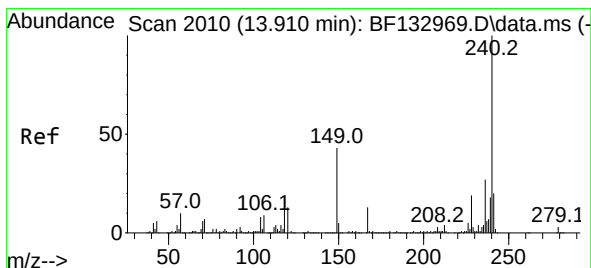
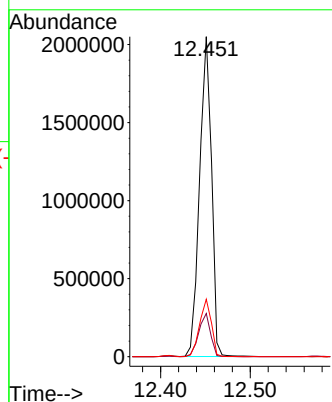
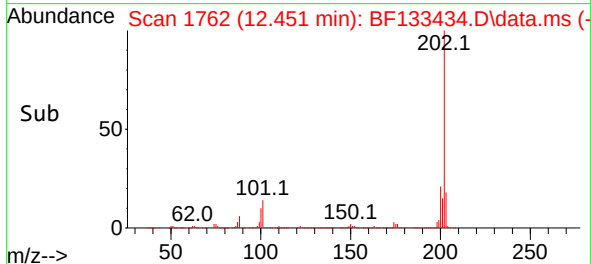
Instrument :
BNA_F
ClientSampleId :
PB152844BS



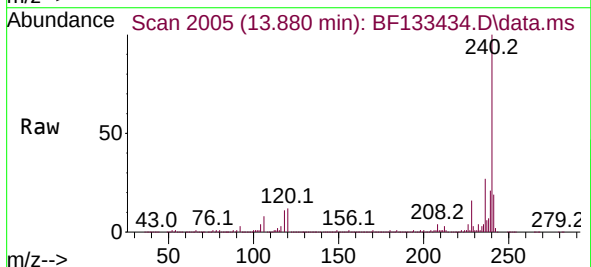
Tgt Ion:202 Resp: 188796
Ion Ratio Lower Upper
202 100
101 13.5 0.0 35.3
203 18.0 0.0 38.1

Manual Integrations
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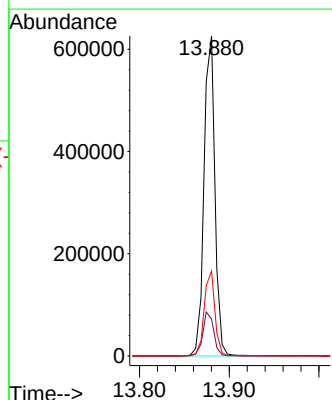
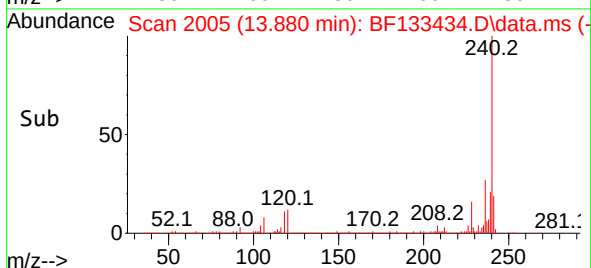
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

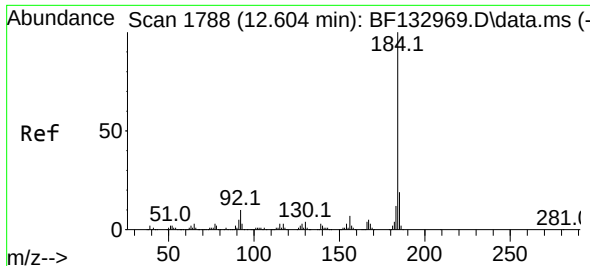


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



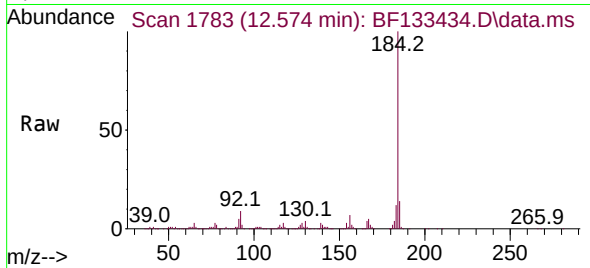
Tgt Ion:240 Resp: 529344
Ion Ratio Lower Upper
240 100
120 11.5 10.5 15.7
236 26.5 21.5 32.3





#77
Benzidine
Concen: 69.941 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

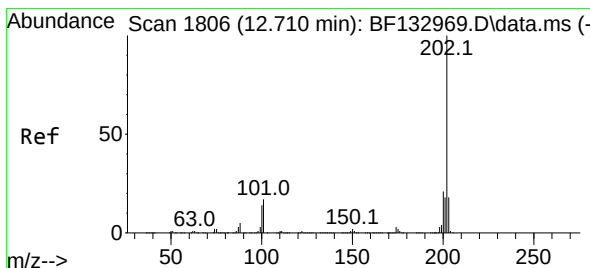
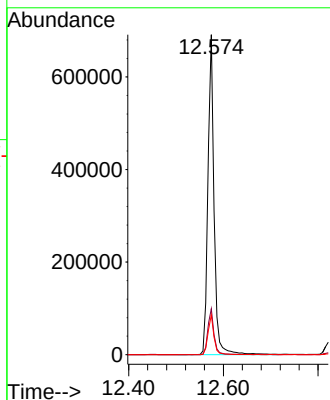
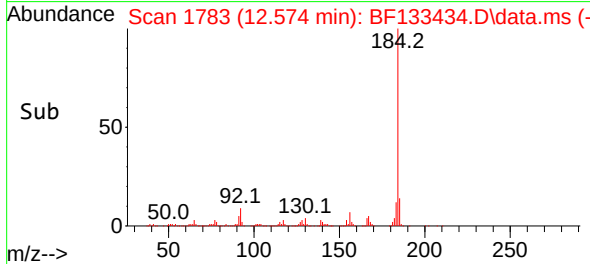
Instrument :
BNA_F
ClientSampleId :
PB152844BS



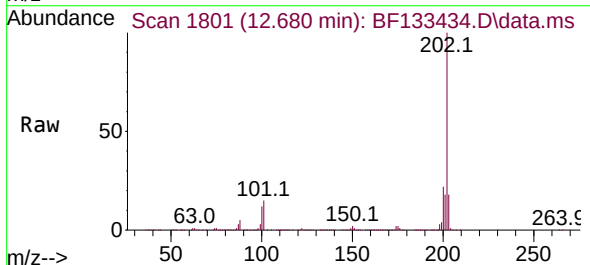
Tgt Ion:184 Resp: 626070
Ion Ratio Lower Upper
184 100
185 14.3 15.4 23.2
183 12.4 9.4 14.0

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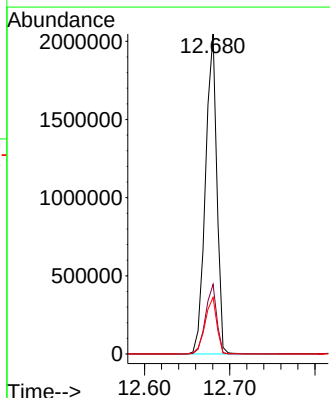
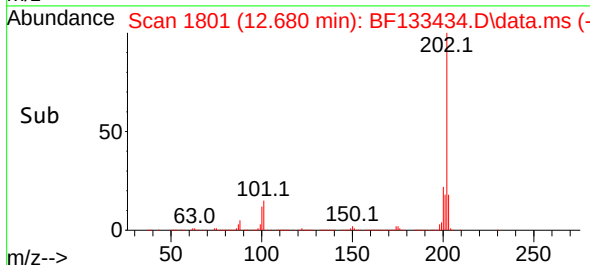
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

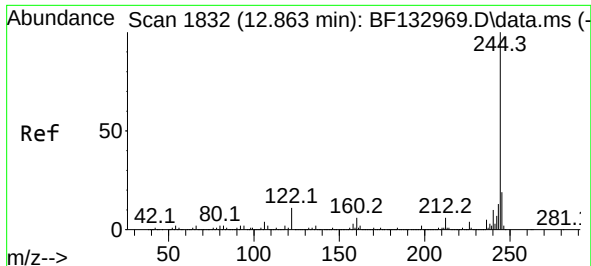


#78
Pyrene
Concen: 41.670 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



Tgt Ion:202 Resp: 1890851
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 17.7 14.1 21.1





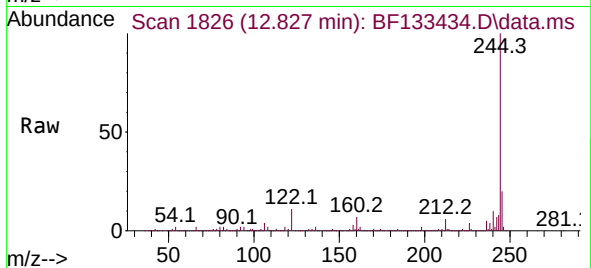
#79
 Terphenyl-d14
 Concen: 86.955 ng
 RT: 12.827 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133434.D
 Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

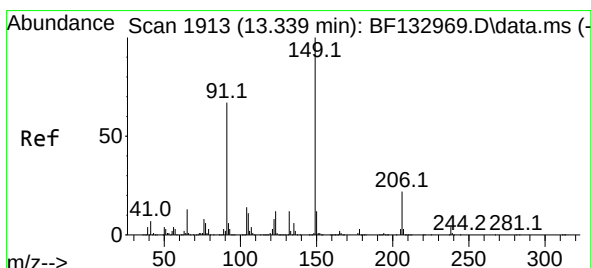
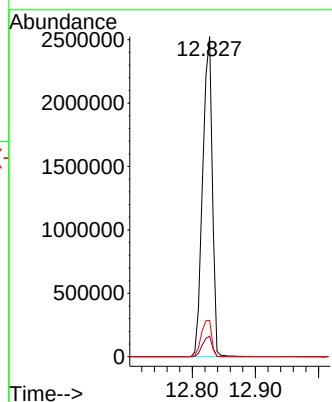
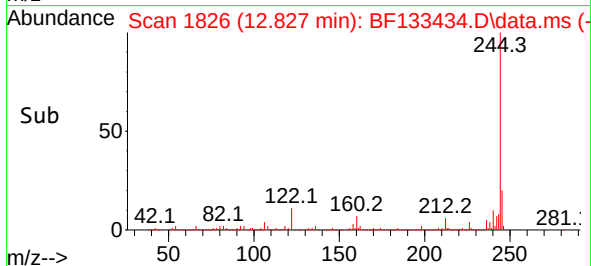


Tgt Ion:244 Resp: 2668859
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.4 8.6 13.0

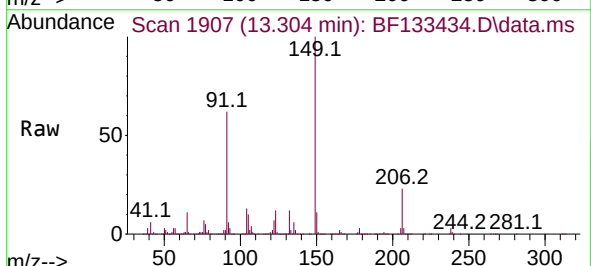
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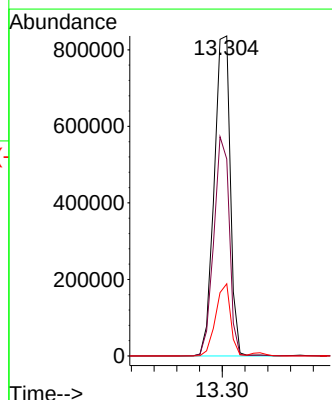
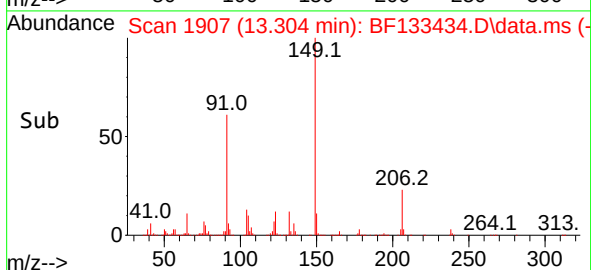
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/19/2023

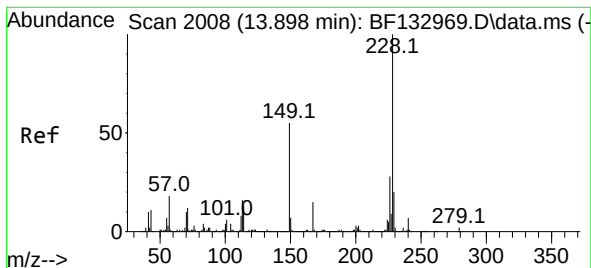


#80
 Butylbenzylphthalate
 Concen: 51.141 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: BF133434.D
 Acq: 18 May 2023 11:24



Tgt Ion:149 Resp: 821679
 Ion Ratio Lower Upper
 149 100
 91 61.6 53.8 80.6
 206 22.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 41.760 ng

RT: 13.868 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

Tgt Ion:228 Resp: 1520120

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

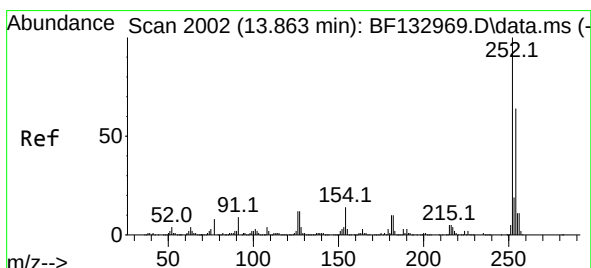
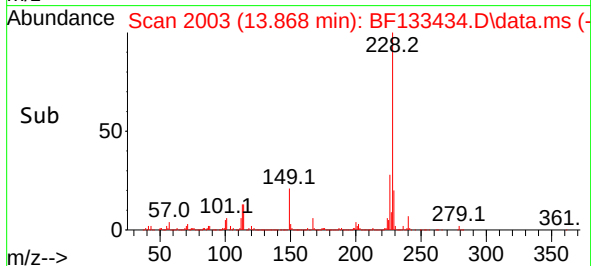
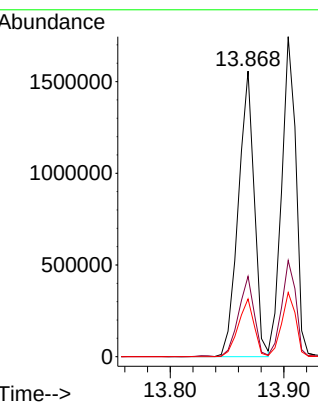
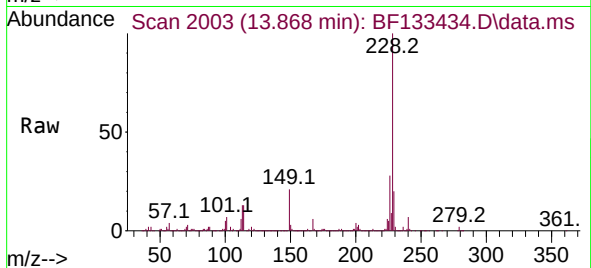
229 20.2 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#82

3,3'-Dichlorobenzidine

Concen: 27.011 ng

RT: 13.827 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

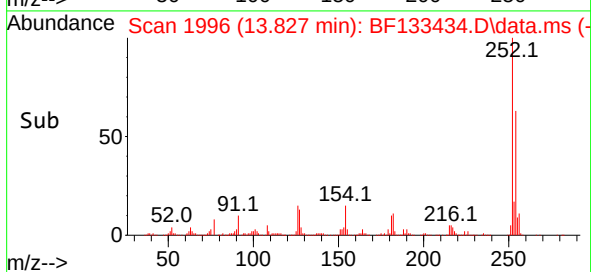
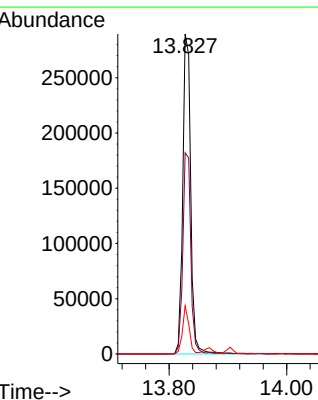
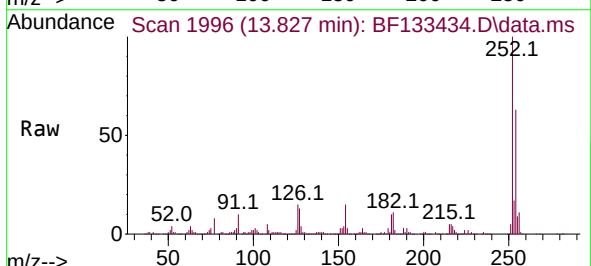
Tgt Ion:252 Resp: 271620

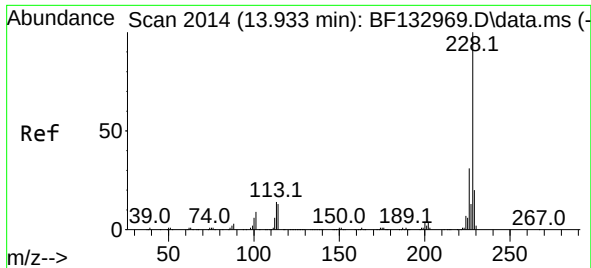
Ion Ratio Lower Upper

252 100

254 62.8 51.5 77.3

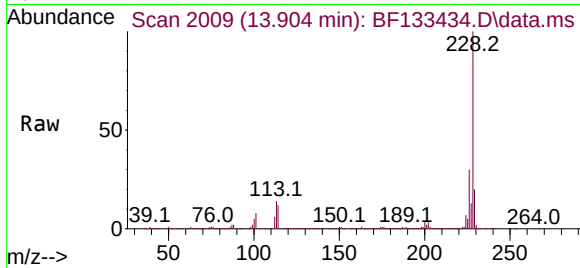
126 15.0 9.5 14.3#





#83
Chrysene
Concen: 41.950 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

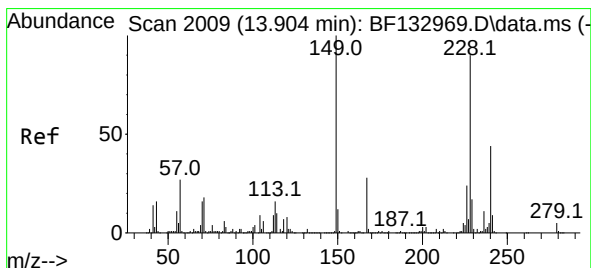
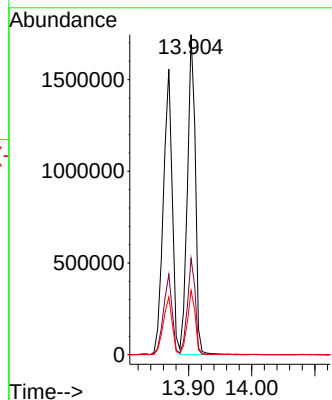
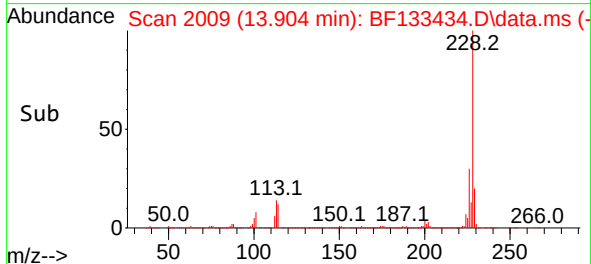
Instrument :
BNA_F
ClientSampleId :
PB152844BS



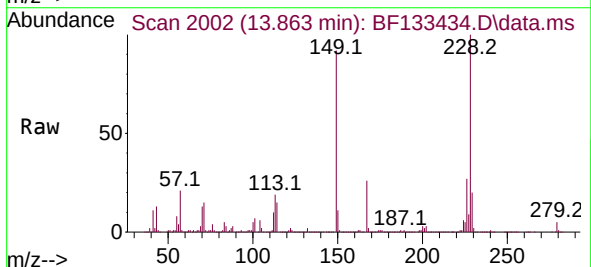
Tgt Ion:228 Resp: 1526678
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 20.1 16.1 24.1

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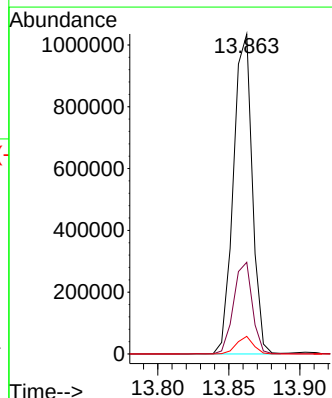
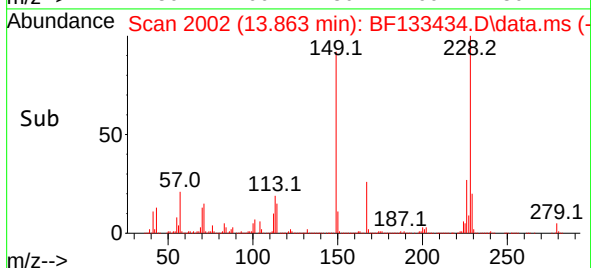
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

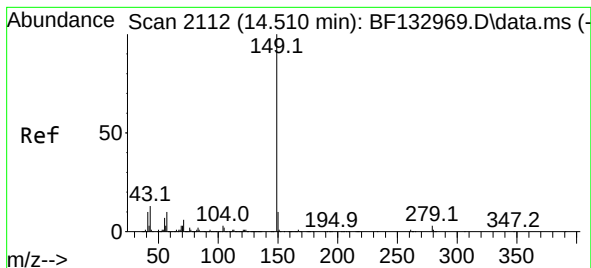


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.565 ng
RT: 13.863 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



Tgt Ion:149 Resp: 959233
Ion Ratio Lower Upper
149 100
167 28.7 22.5 33.7
279 5.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 46.502 ng

RT: 14.468 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133434.D

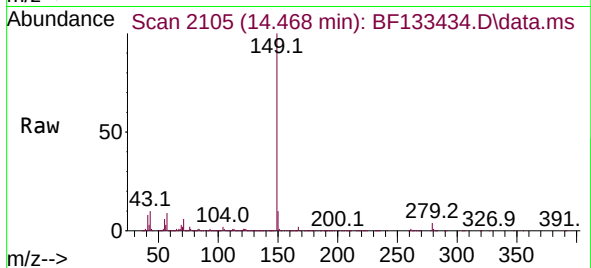
Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS



Tgt Ion:149 Resp: 152912

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

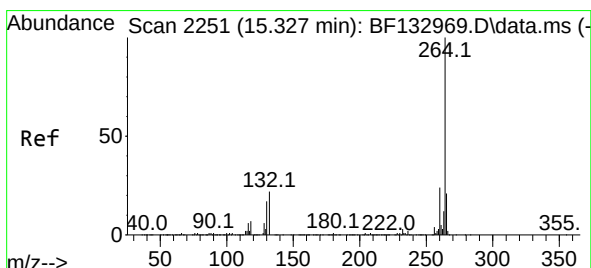
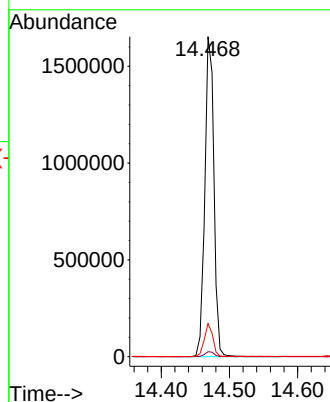
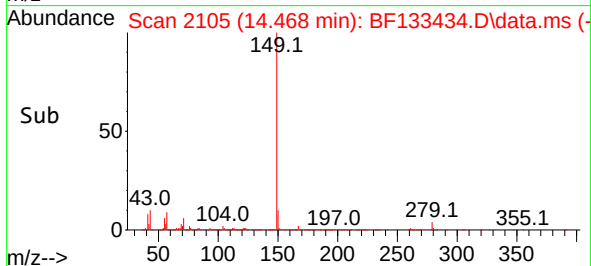
43 9.7 9.5 14.3

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APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF133434.D

Acq: 18 May 2023 11:24

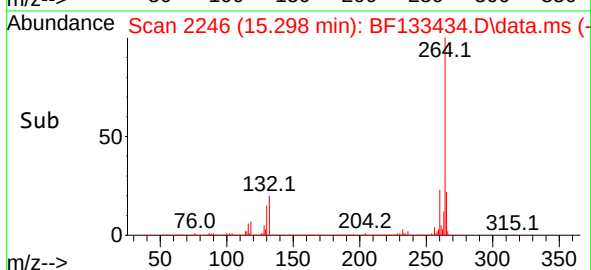
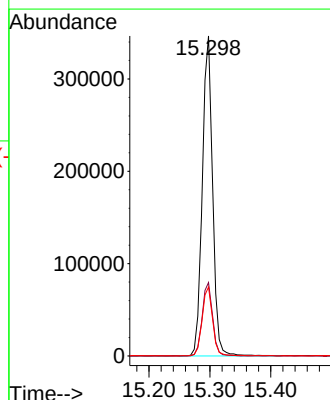
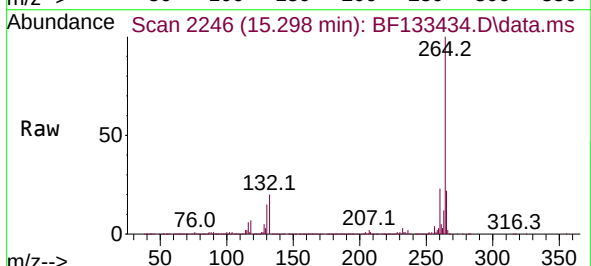
Tgt Ion:264 Resp: 408991

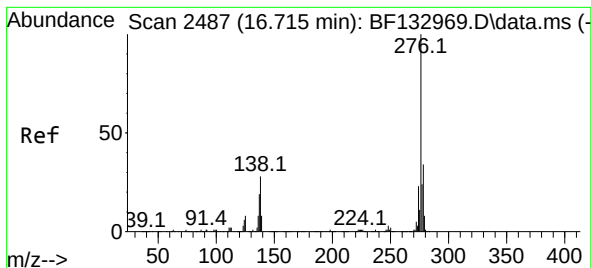
Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

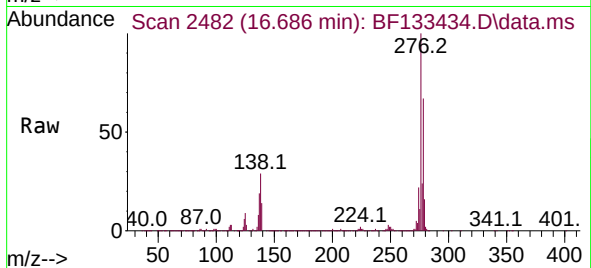
265 21.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.946 ng
RT: 16.686 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

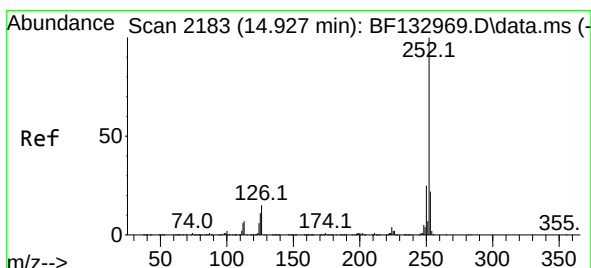
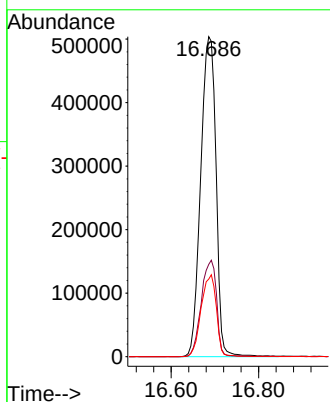
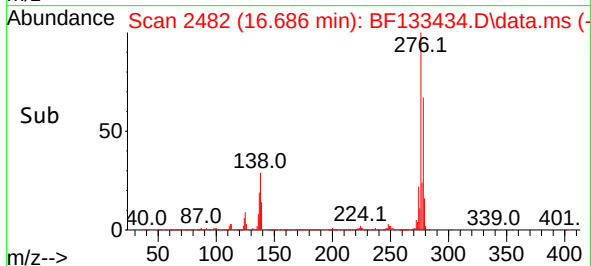
Instrument :
BNA_F
ClientSampleId :
PB152844BS



Tgt Ion: 276 Resp: 123174
Ion Ratio Lower Upper
276 100
138 30.0 25.5 38.3
277 25.4 20.4 30.6

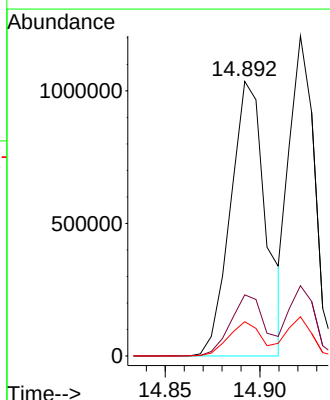
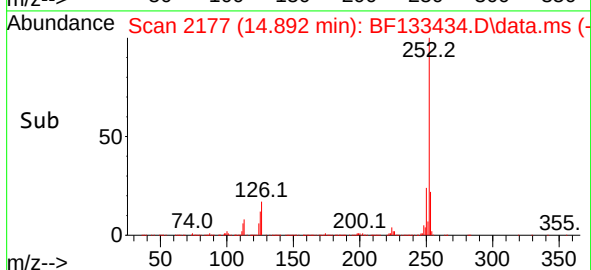
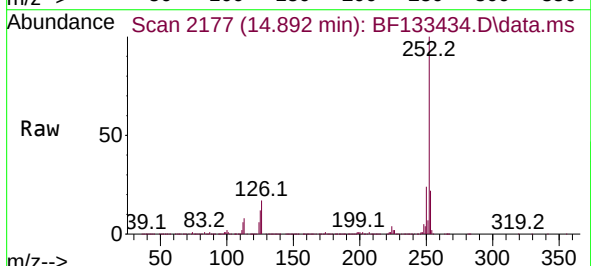
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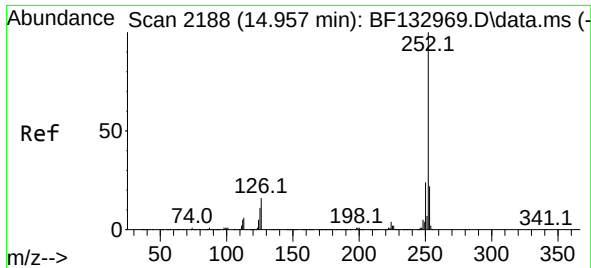
Reviewed By : Christian Giraldo 05/19/2023
Supervised By : Jagrut Upadhyay 05/19/2023



#88
Benzo(b)fluoranthene
Concen: 51.610 ng
RT: 14.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

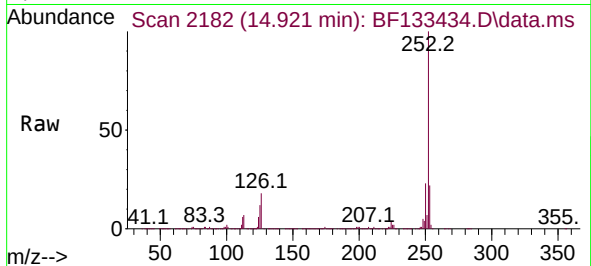
Tgt Ion: 252 Resp: 1342876
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 12.5 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 43.346 ng
RT: 14.921 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

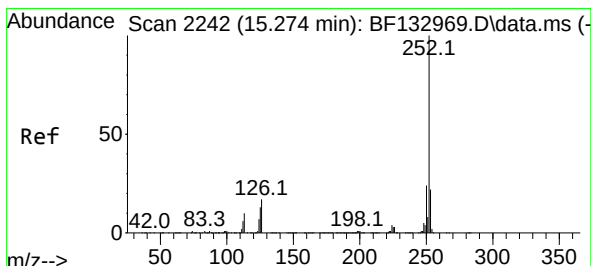
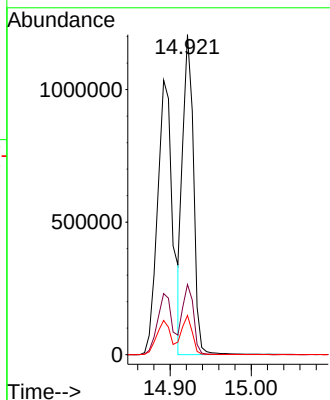
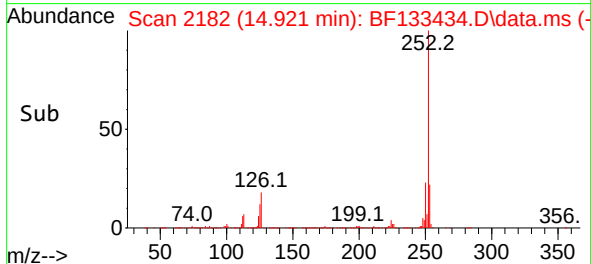
Instrument :
BNA_F
ClientSampleId :
PB152844BS



Tgt Ion:252 Resp: 1118028
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 12.3 9.0 13.4

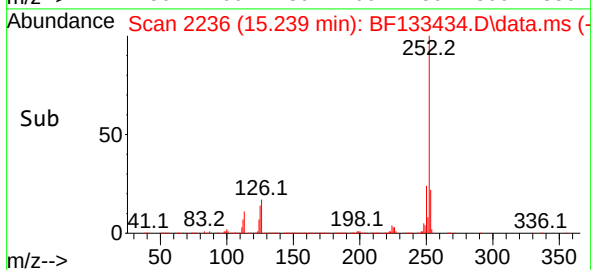
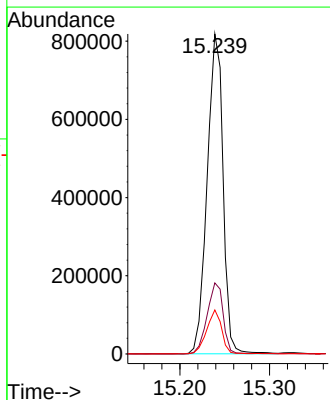
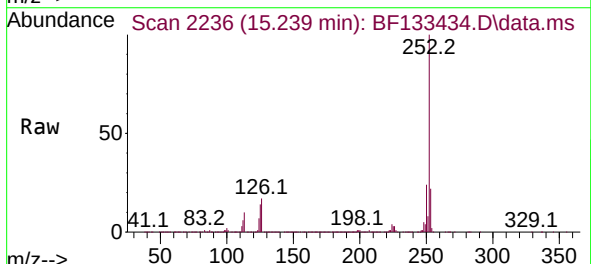
Manual Integrations
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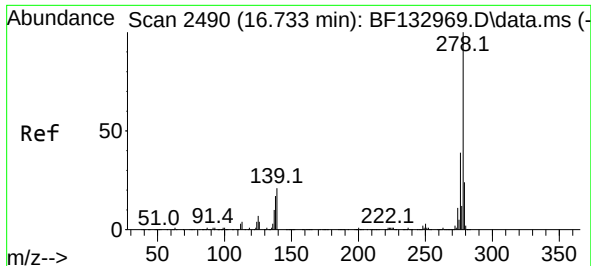
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#90
Benzo(a)pyrene
Concen: 42.489 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Tgt Ion:252 Resp: 1006285
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 13.8 10.5 15.7





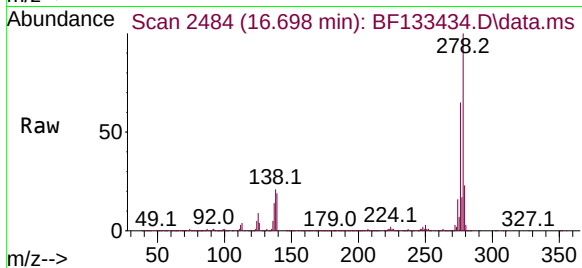
#91
Dibenzo(a,h)anthracene
Concen: 51.770 ng
RT: 16.698 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152844BS

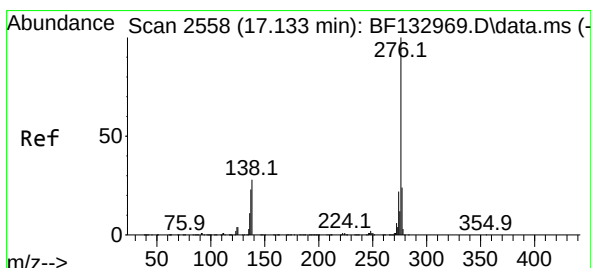
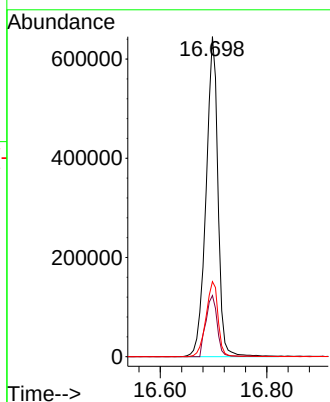
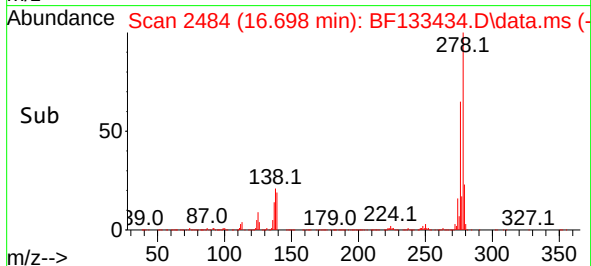


Tgt Ion:278 Resp: 100452
Ion Ratio Lower Upper
278 100
139 19.1 16.6 24.8
279 23.5 18.8 28.2

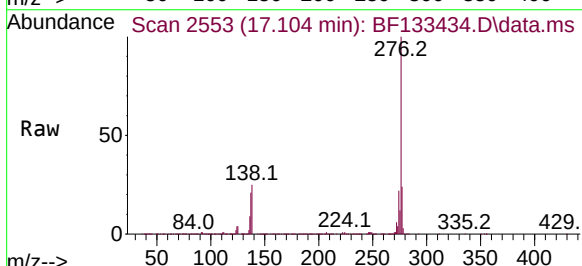
Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#92
Benzo(g,h,i)perylene
Concen: 53.202 ng
RT: 17.104 min Scan# 2553
Delta R.T. 0.000 min
Lab File: BF133434.D
Acq: 18 May 2023 11:24



Tgt Ion:276 Resp: 1019143
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 24.6 22.7 34.1

