

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136362.D
 Acq On : 02 Dec 2023 05:43
 Operator : CG\JU
 Sample : 05388-01MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Quant Time: Dec 02 06:11:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	119836	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	451538	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	174566	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	270659	20.000	ng	0.00
76) Chrysene-d12	13.986	240	237779	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	211924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	816571	94.842	ng	0.01
7) Phenol-d6	6.451	99	966661	89.793	ng	0.00
23) Nitrobenzene-d5	7.369	82	599750	70.188	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	179645	84.174	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1016396	74.370	ng	0.00
79) Terphenyl-d14	12.927	244	910917	44.189	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	129141	39.641	ng	95
3) Pyridine	3.416	79	303732	37.769	ng	94
4) n-Nitrosodimethylamine	3.387	42	156333	38.458	ng	83
6) Aniline	6.475	93	292817	28.777	ng	97
8) 2-Chlorophenol	6.593	128	384555	41.020	ng	96
9) Benzaldehyde	6.357	77	44543	7.424	ng	95
10) Phenol	6.463	94	451073	39.056	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	360138	42.505	ng	92
12) 1,3-Dichlorobenzene	6.751	146	420527	39.528	ng	98
13) 1,4-Dichlorobenzene	6.828	146	424579	39.257	ng	96
14) 1,2-Dichlorobenzene	6.975	146	399213	38.990	ng	95
15) Benzyl Alcohol	6.951	79	289806	38.396	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	463527	39.386	ng	95
17) 2-Methylphenol	7.063	107	282987	38.396	ng	99
18) Hexachloroethane	7.316	117	147642	38.919	ng	95
19) n-Nitroso-di-n-propyla...	7.222	70	250431	38.895	ng	96
20) 3+4-Methylphenols	7.216	107	348343	36.367	ng	98
22) Acetophenone	7.216	105	524762	44.251	ng	# 94
24) Nitrobenzene	7.392	77	365260	42.182	ng	90
25) Isophorone	7.628	82	662627	43.006	ng	97
26) 2-Nitrophenol	7.704	139	180823	49.010	ng	95
27) 2,4-Dimethylphenol	7.740	122	242203	49.876	ng	93
28) bis(2-Chloroethoxy)met...	7.840	93	411102	44.111	ng	96
29) 2,4-Dichlorophenol	7.945	162	270640	41.319	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	336630	41.977	ng	98
31) Naphthalene	8.110	128	1047897	41.288	ng	98
32) Benzoic acid	7.845	122	135465	30.608	ng	96
33) 4-Chloroaniline	8.157	127	163911	19.000	ng	97
34) Hexachlorobutadiene	8.222	225	196328	41.846	ng	99
35) Caprolactam	8.522	113	70468	38.484	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	252338	35.521	ng	99
37) 2-Methylnaphthalene	8.798	142	602103	37.819	ng	96
38) 1-Methylnaphthalene	8.898	142	573105	36.901	ng	92
40) 1,2,4,5-Tetrachloroben...	8.963	216	286000	51.480	ng	98
41) Hexachlorocyclopentadiene	8.951	237	143094	66.938	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	160908	44.623	ng	93

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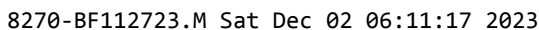
Instrument :
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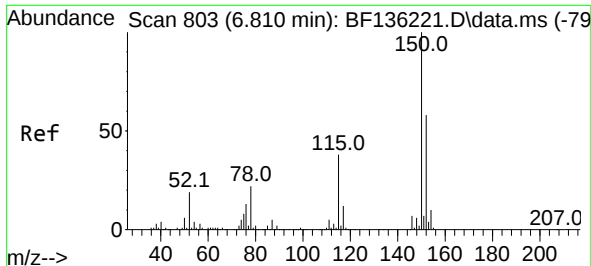
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	163059	41.437	ng	100
46) 1,1'-Biphenyl	9.263	154	750433	48.748	ng	96
47) 2-Chloronaphthalene	9.286	162	536897	44.911	ng	95
48) 2-Nitroaniline	9.386	65	136923	43.869	ng	85
49) Acenaphthylene	9.704	152	778890	45.655	ng	98
50) Dimethylphthalate	9.569	163	612205	46.400	ng	98
51) 2,6-Dinitrotoluene	9.628	165	118966	44.136	ng	97
52) Acenaphthene	9.875	154	446190	41.386	ng	95
53) 3-Nitroaniline	9.798	138	84316	31.526	ng	93
54) 2,4-Dinitrophenol	9.904	184	40867	32.599	ng	# 85
55) Dibenzofuran	10.051	168	656494	40.921	ng	97
56) 4-Nitrophenol	9.957	139	157809	77.689	ng	92
57) 2,4-Dinitrotoluene	10.033	165	141592	39.326	ng	96
58) Fluorene	10.392	166	480071	38.150	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	116250	37.129	ng	98
60) Diethylphthalate	10.269	149	530205	40.173	ng	96
61) 4-Chlorophenyl-phenyle...	10.386	204	242327	39.653	ng	98
62) 4-Nitroaniline	10.410	138	90440	34.546	ng	93
63) Azobenzene	10.545	77	444137	36.298	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	34989	23.640	ng	88
66) n-Nitrosodiphenylamine	10.504	169	408594	47.107	ng	96
67) 4-Bromophenyl-phenylether	10.880	248	141173	44.708	ng	90
68) Hexachlorobenzene	10.939	284	153531	42.011	ng	# 90
69) Atrazine	11.033	200	129127	50.185	ng	98
70) Pentachlorophenol	11.139	266	170223	82.401	ng	98
71) Phenanthrene	11.357	178	665760	43.765	ng	98
72) Anthracene	11.410	178	659947	43.260	ng	98
73) Carbazole	11.569	167	582887	44.925	ng	99
74) Di-n-butylphthalate	11.904	149	732055	45.094	ng	99
75) Fluoranthene	12.551	202	746870	48.363	ng	94
77) Benzidine	12.675	184	174720	44.701	ng	99
78) Pyrene	12.780	202	782616	30.053	ng	97
80) Butylbenzylphthalate	13.410	149	325359	40.145	ng	98
81) Benzo(a)anthracene	13.980	228	742796	42.057	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	242564	57.055	ng	94
83) Chrysene	14.016	228	710445	41.661	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	465529	47.862	ng	# 99
85) Di-n-octyl phthalate	14.592	149	891940	55.553	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	467854	30.565	ng	98
88) Benzo(b)fluoranthene	15.033	252	678817	45.655	ng	98
89) Benzo(k)fluoranthene	15.068	252	614842	43.540	ng	98
90) Benzo(a)pyrene	15.410	252	513856	42.277	ng	97
91) Dibenzo(a,h)anthracene	16.998	278	390193	31.669	ng	97
92) Benzo(g,h,i)perylene	17.433	276	365158	29.390	ng	99

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

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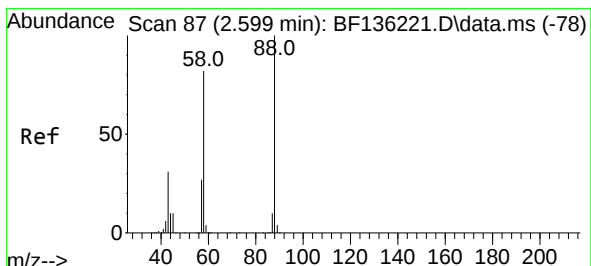
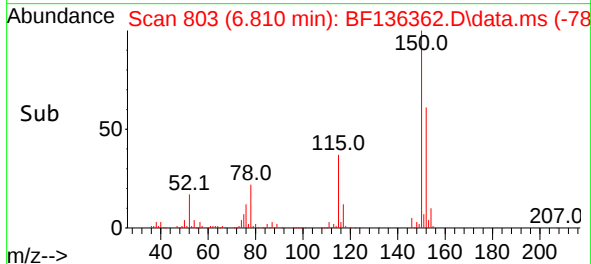
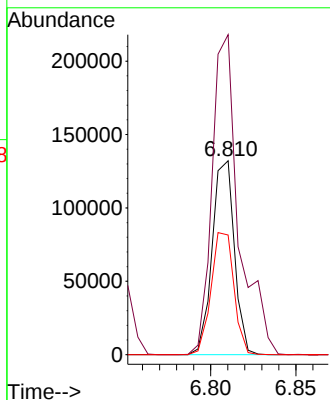
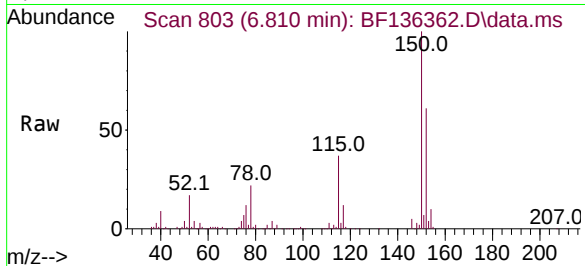




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136362.D
 Acq: 02 Dec 2023 05:43

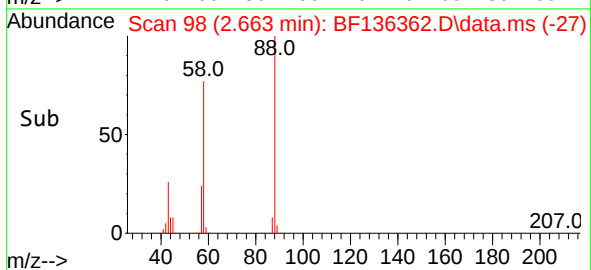
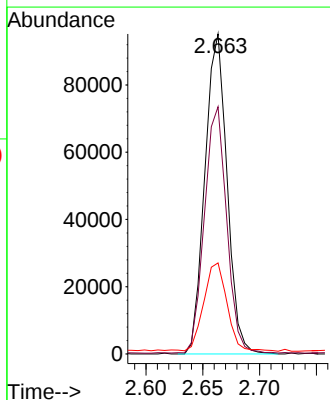
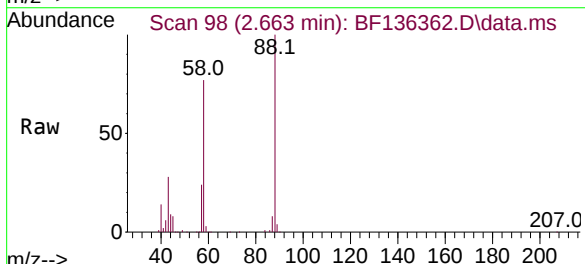
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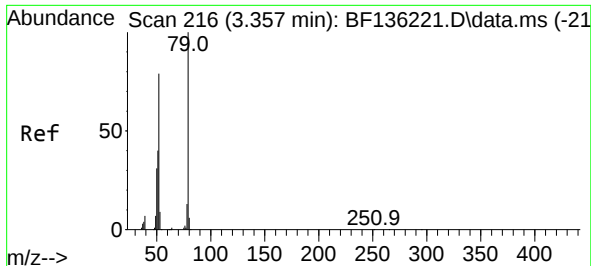
Tgt Ion:152 Resp: 119836
 Ion Ratio Lower Upper
 152 100
 150 165.1 137.8 206.8
 115 61.7 52.7 79.1



#2
 1,4-Dioxane
 Concen: 39.641 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.065 min
 Lab File: BF136362.D
 Acq: 02 Dec 2023 05:43

Tgt Ion: 88 Resp: 129141
 Ion Ratio Lower Upper
 88 100
 58 77.4 65.9 98.9
 43 29.0 24.8 37.2

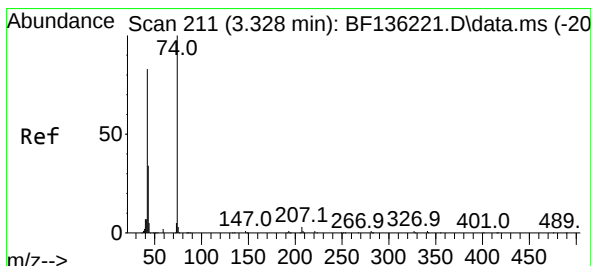
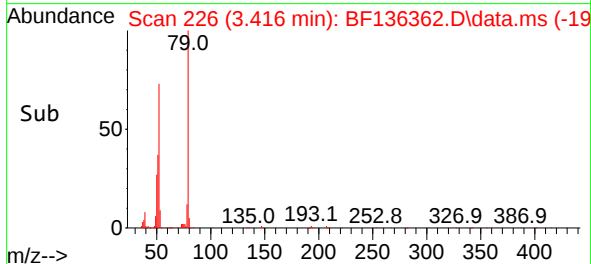
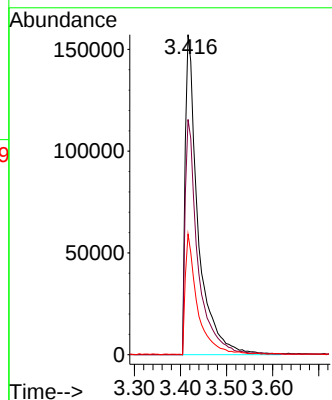
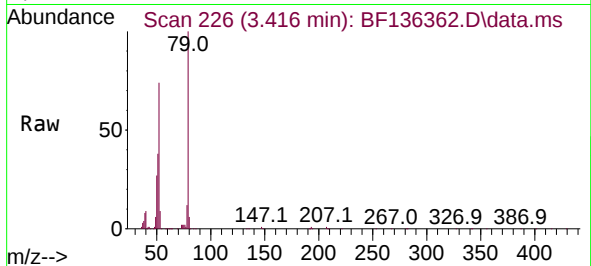




#3
Pyridine
Concen: 37.769 ng
RT: 3.416 min Scan# 216
Delta R.T. 0.059 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

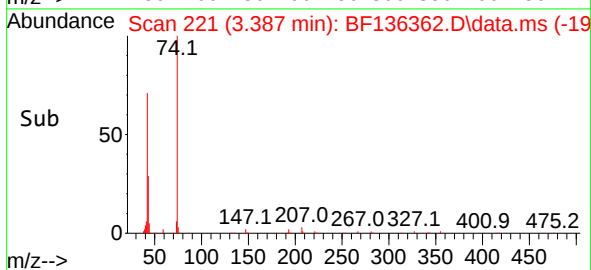
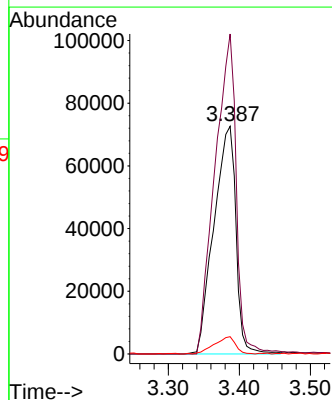
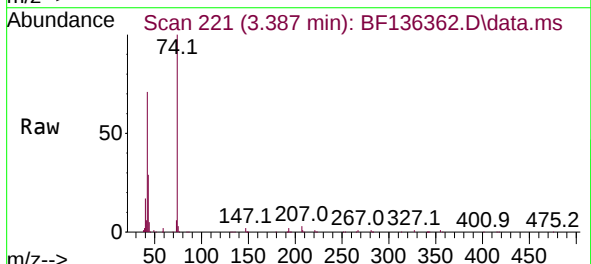
Instrument :
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ClientSampleId :
TP-3MSD

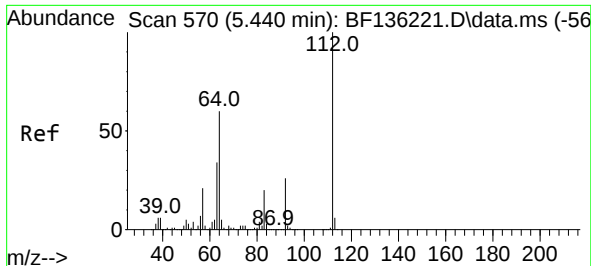
Tgt Ion: 79 Resp: 303732
Ion Ratio Lower Upper
79 100
52 73.5 63.2 94.8
51 37.6 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 38.458 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.059 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion: 42 Resp: 156333
Ion Ratio Lower Upper
42 100
74 140.6 96.6 144.8
44 7.6 5.4 8.2

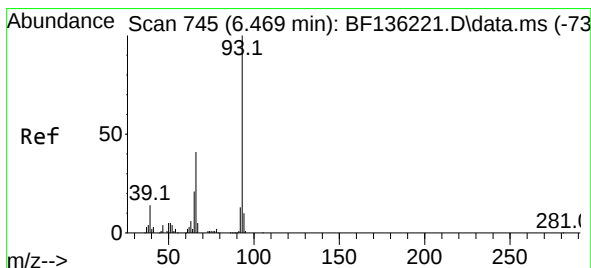
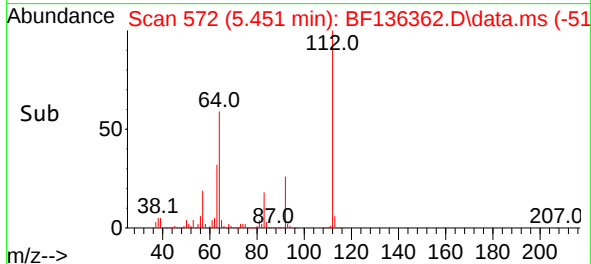
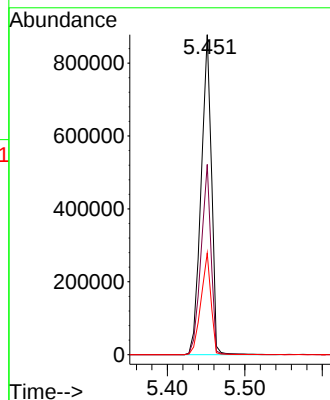
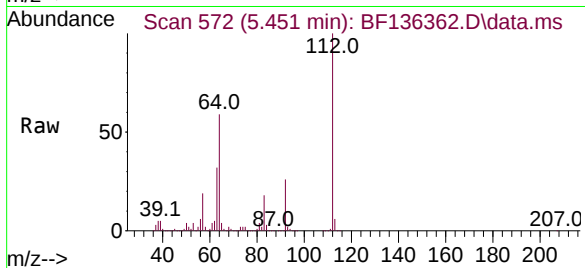




#5
2-Fluorophenol
Concen: 94.842 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

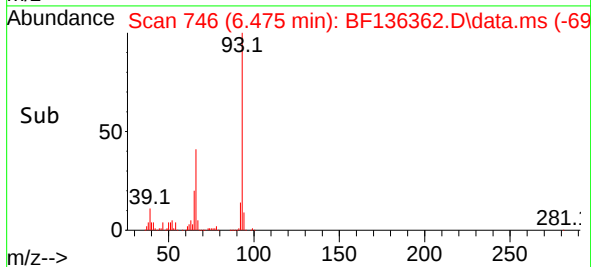
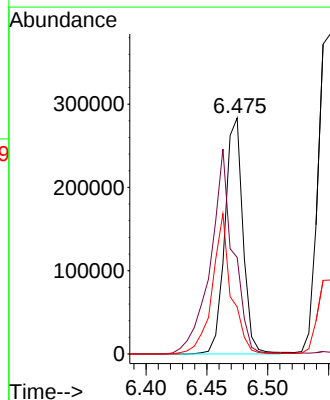
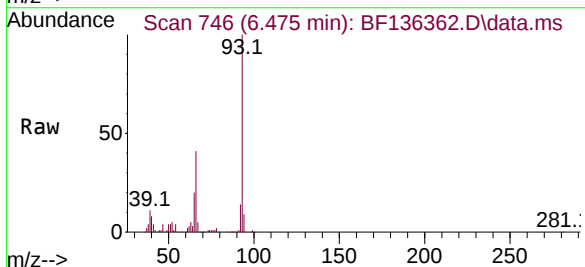
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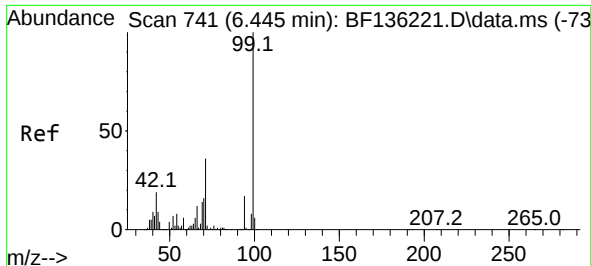
Tgt Ion:112 Resp: 816571
Ion Ratio Lower Upper
112 100
64 59.4 48.2 72.4
63 31.7 27.0 40.6



#6
Aniline
Concen: 28.777 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion: 93 Resp: 292817
Ion Ratio Lower Upper
93 100
66 40.9 34.1 51.1
65 20.0 17.3 25.9

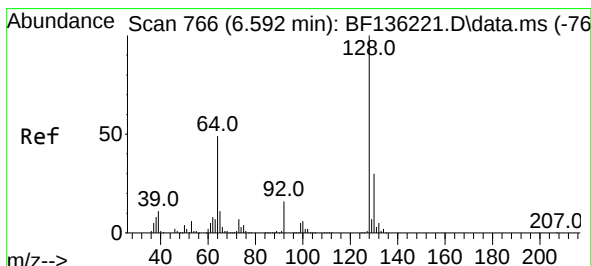
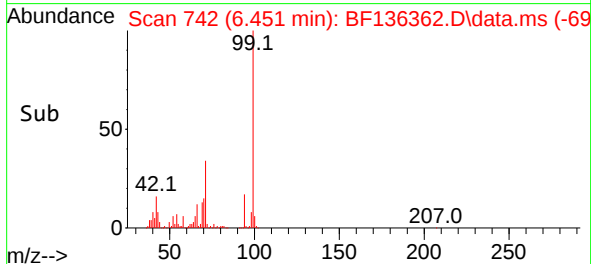
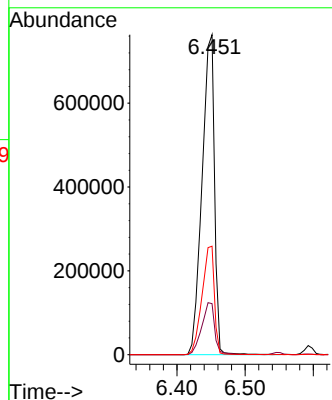
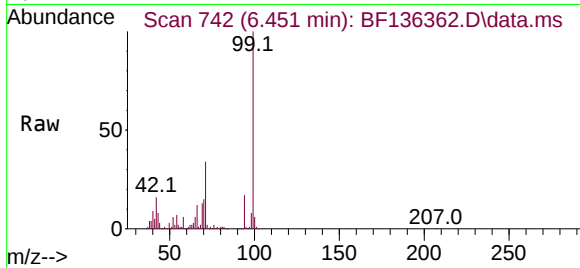




#7
Phenol-d6
Concen: 89.793 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

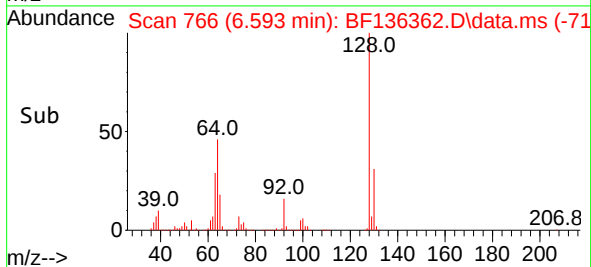
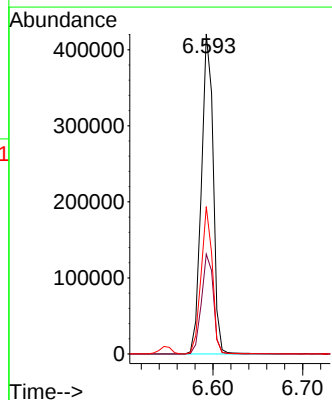
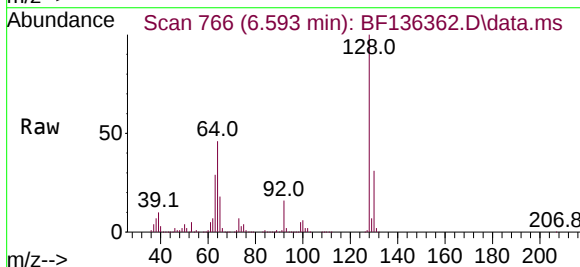
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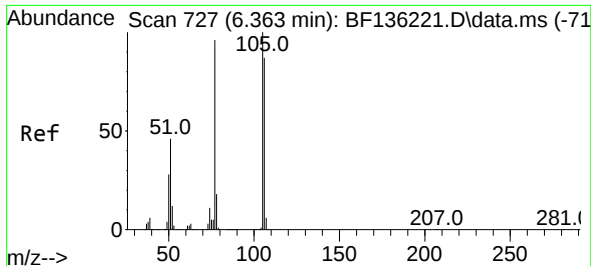
Tgt Ion: 99 Resp: 966661
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.6
71 33.9 28.9 43.3



#8
2-Chlorophenol
Concen: 41.020 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion: 128 Resp: 384555
Ion Ratio Lower Upper
128 100
130 31.2 10.3 50.3
64 46.1 30.0 70.0

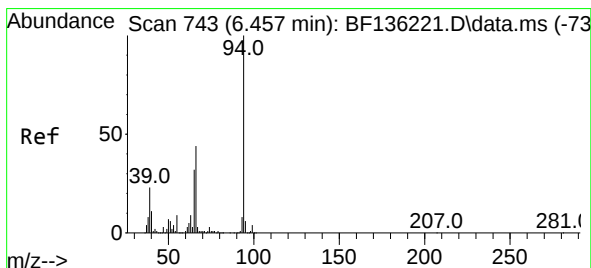
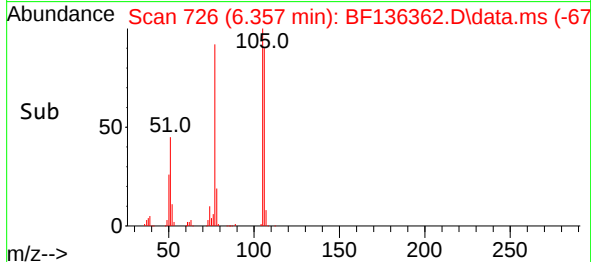
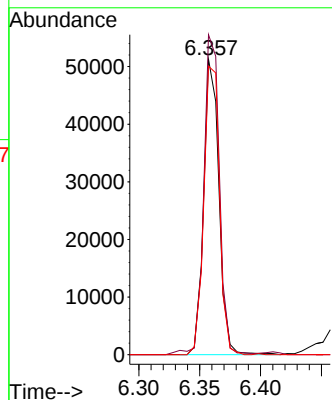
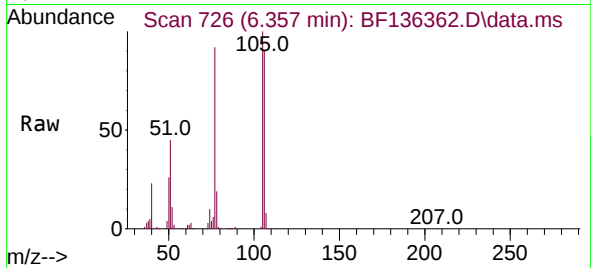




#9
Benzaldehyde
Concen: 7.424 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

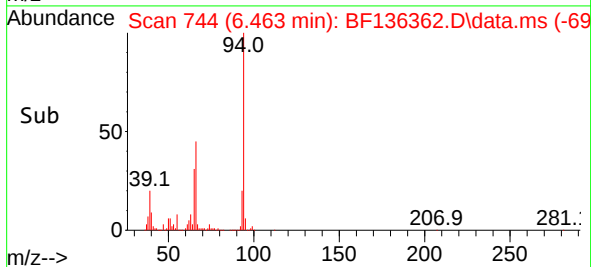
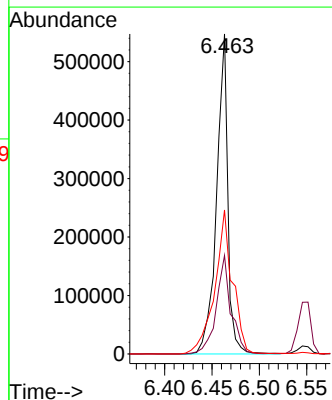
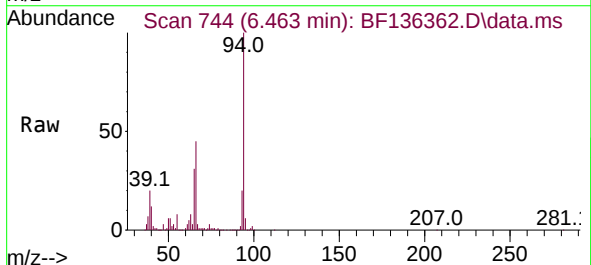
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ClientSampleId :
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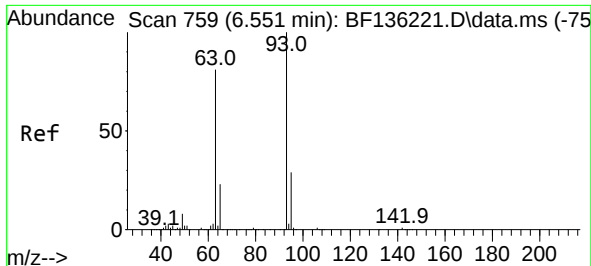
Tgt Ion: 77 Resp: 44543
Ion Ratio Lower Upper
77 100
105 108.4 84.3 124.3
106 97.7 71.0 111.0



#10
Phenol
Concen: 39.056 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion: 94 Resp: 451073
Ion Ratio Lower Upper
94 100
65 30.8 12.5 52.5
66 45.0 24.1 64.1

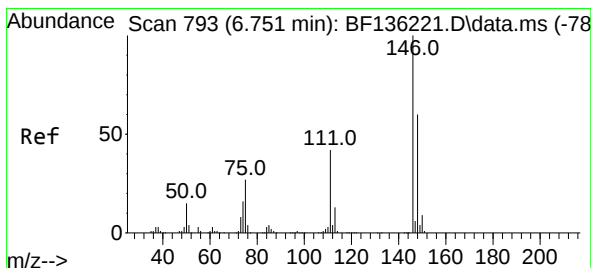
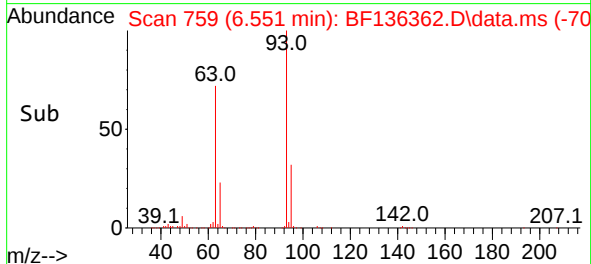
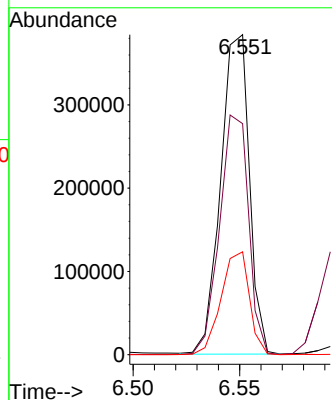
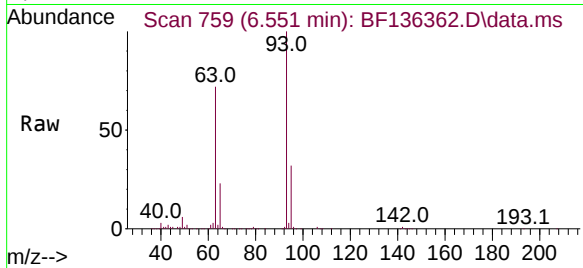




#11
bis(2-Chloroethyl)ether
Concen: 42.505 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

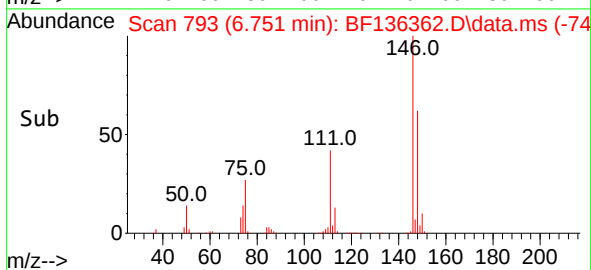
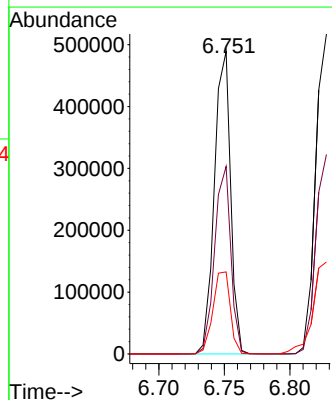
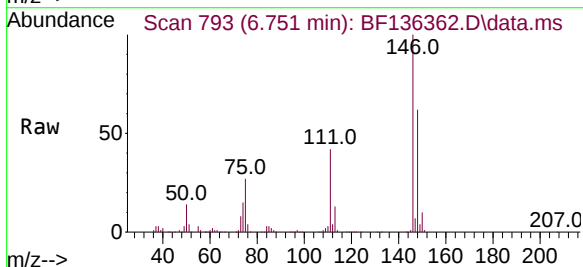
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

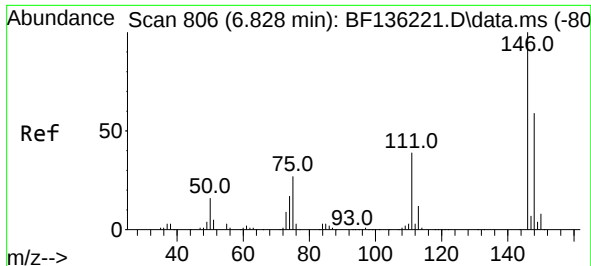
Tgt Ion: 93 Resp: 360138
Ion Ratio Lower Upper
93 100
63 72.2 60.2 100.2
95 32.2 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 39.528 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion: 146 Resp: 420527
Ion Ratio Lower Upper
146 100
148 62.0 47.8 71.6
75 27.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 39.257 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

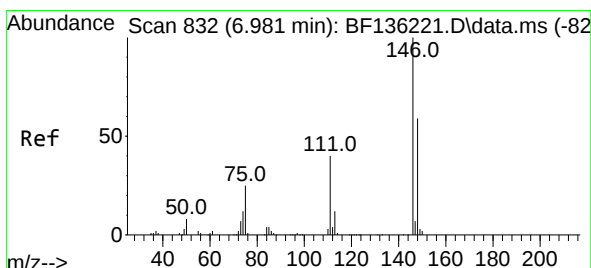
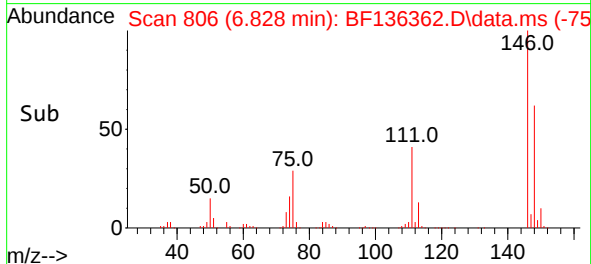
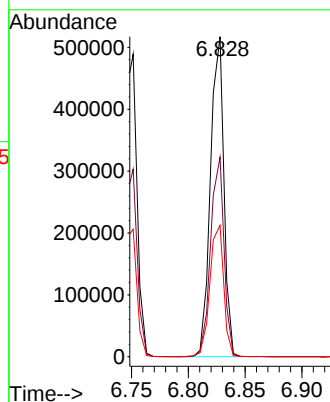
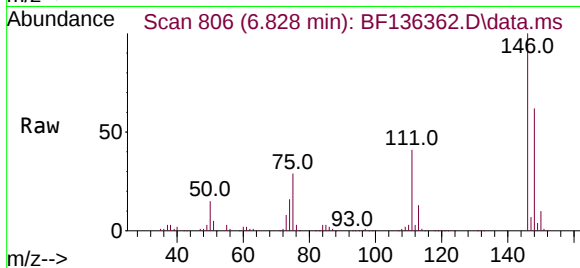
Tgt Ion:146 Resp: 424579

Ion Ratio Lower Upper

146 100

148 62.4 47.0 70.6

111 41.1 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 38.990 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

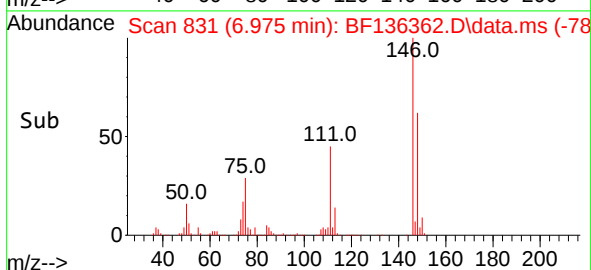
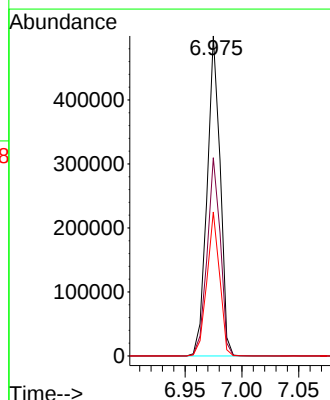
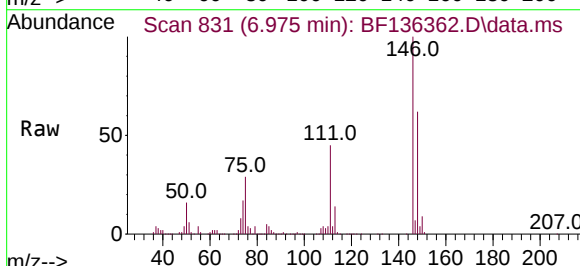
Tgt Ion:146 Resp: 399213

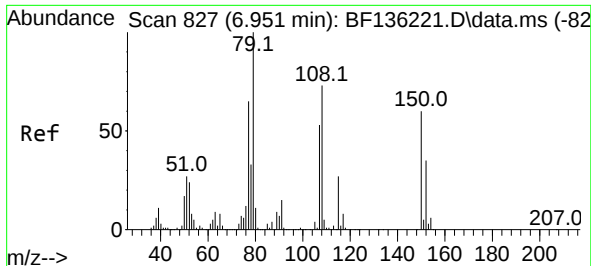
Ion Ratio Lower Upper

146 100

148 61.9 47.3 70.9

111 45.0 32.4 48.6

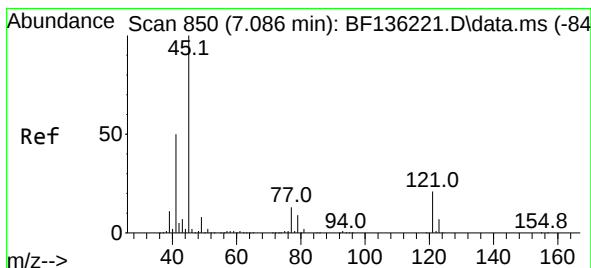
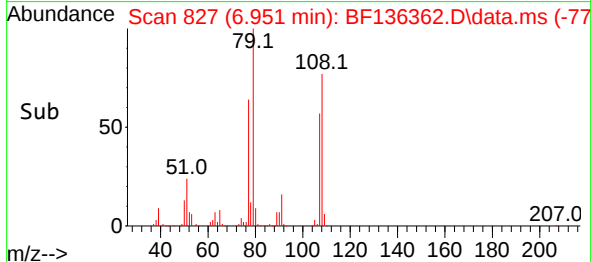
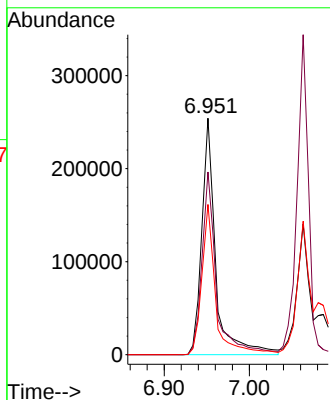
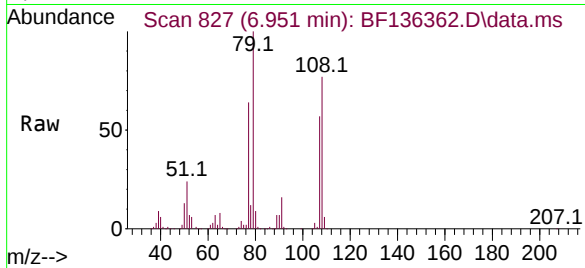




#15
Benzyl Alcohol
Concen: 38.396 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

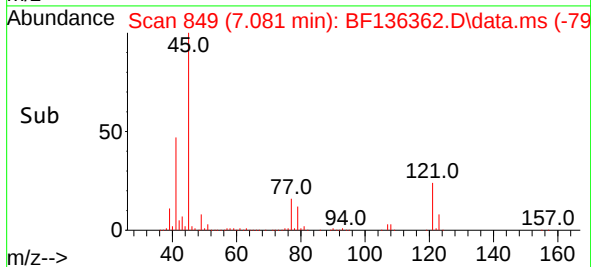
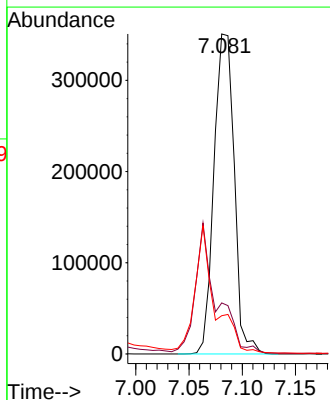
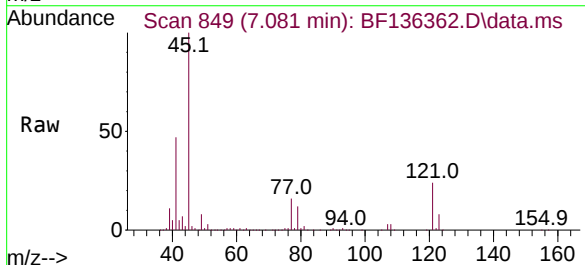
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

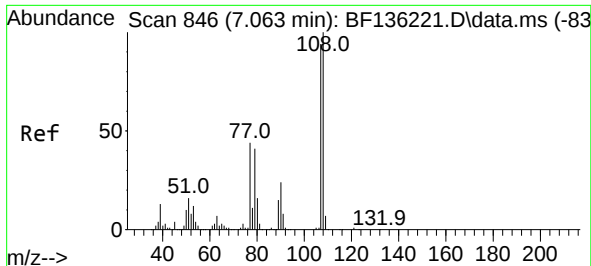
Tgt Ion: 79 Resp: 289806
Ion Ratio Lower Upper
79 100
108 77.3 58.1 87.1
77 63.5 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.386 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion: 45 Resp: 463527
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.0
79 12.0 0.0 30.1

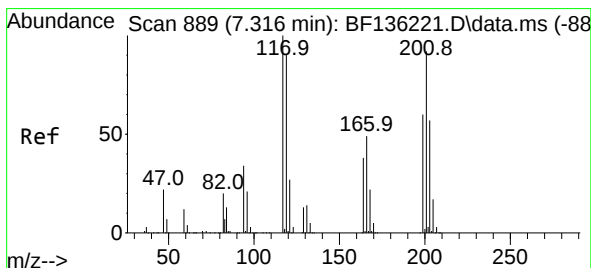
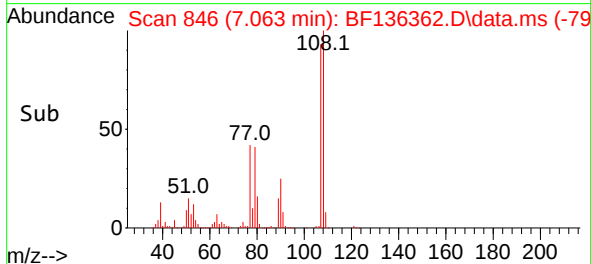
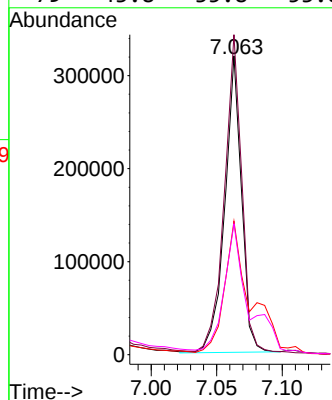
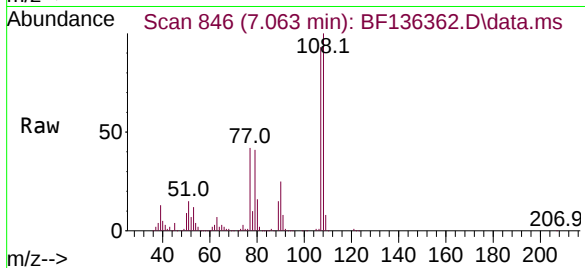




#17
2-Methylphenol
Concen: 38.396 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

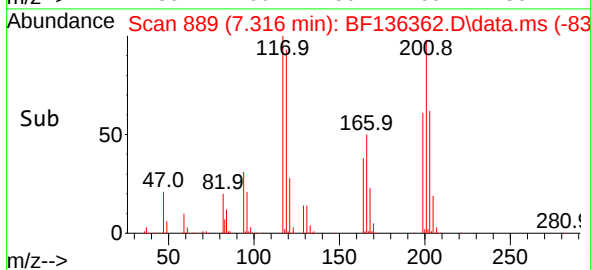
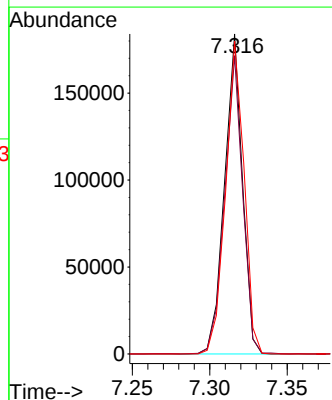
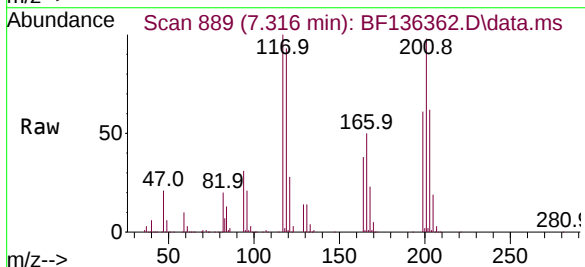
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

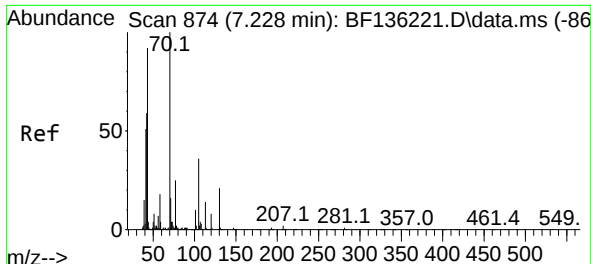
Tgt Ion:	107	Resp:	282987
Ion	Ratio	Lower	Upper
107	100		
108	107.1	85.4	128.0
77	44.7	37.4	56.2
79	43.8	35.8	53.8



#18
Hexachloroethane
Concen: 38.919 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:	117	Resp:	147642
Ion	Ratio	Lower	Upper
117	100		
119	93.2	71.6	107.4
201	97.8	73.4	110.2

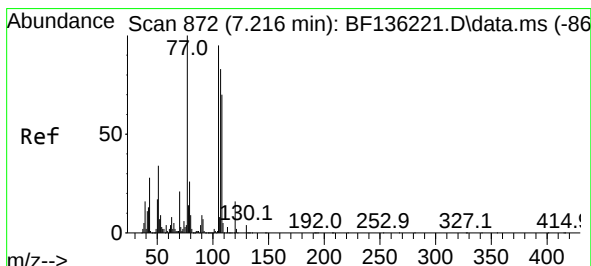
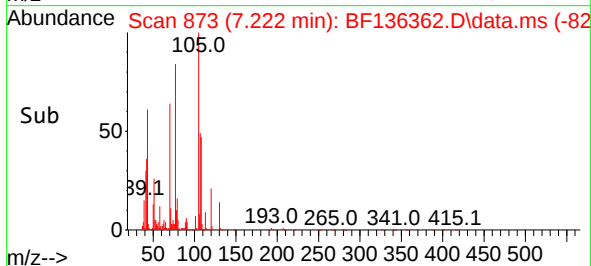
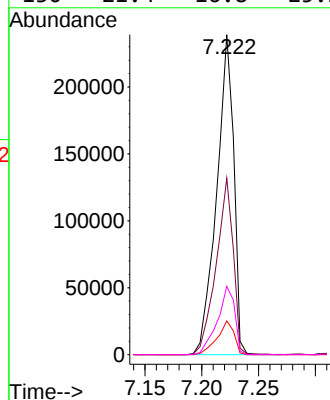
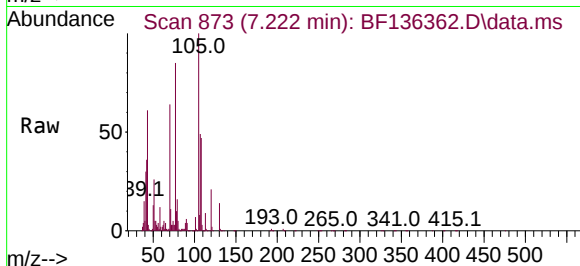




#19
n-Nitroso-di-n-propylamine
Concen: 38.895 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

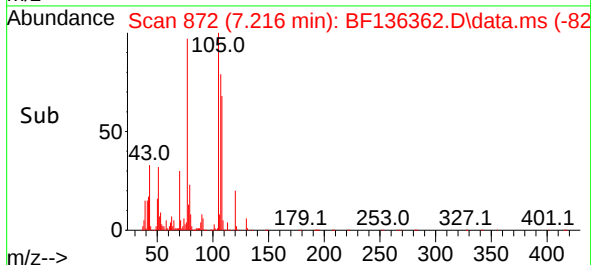
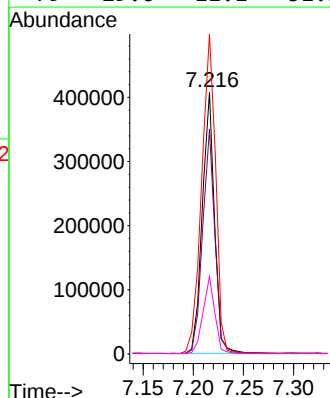
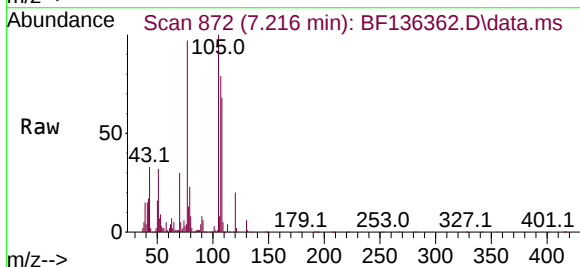
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

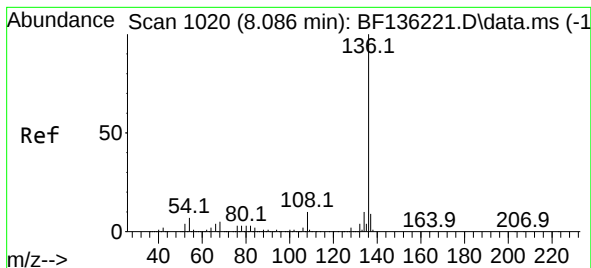
Tgt Ion: 70 Resp: 250431
Ion Ratio Lower Upper
70 100
42 55.1 47.0 70.4
101 10.5 7.8 11.8
130 21.4 16.8 25.2



#20
3+4-Methylphenols
Concen: 36.367 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion: 107 Resp: 348343
Ion Ratio Lower Upper
107 100
108 85.7 63.9 103.9
77 122.2 100.2 140.2
79 29.6 11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:136 Resp: 451538

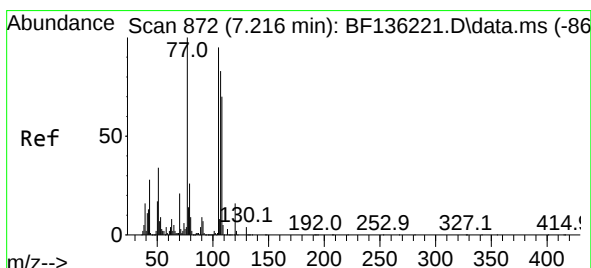
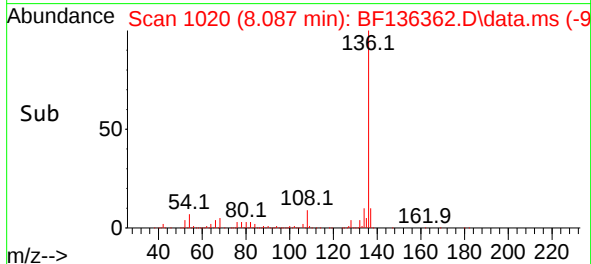
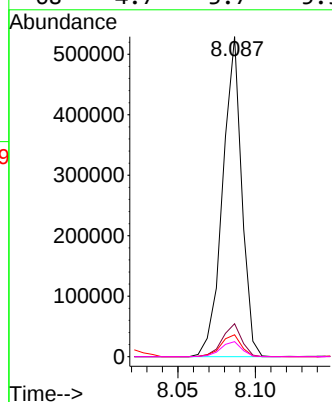
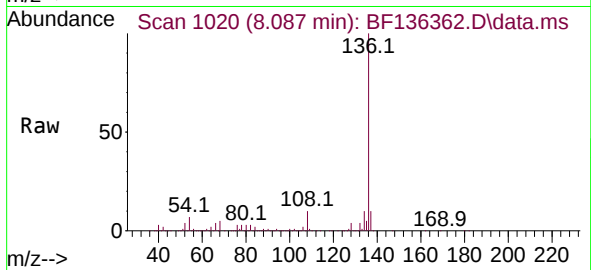
Ion Ratio Lower Upper

136 100

137 10.3 7.4 11.2

54 6.8 5.5 8.3

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 44.251 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Tgt Ion:105 Resp: 524762

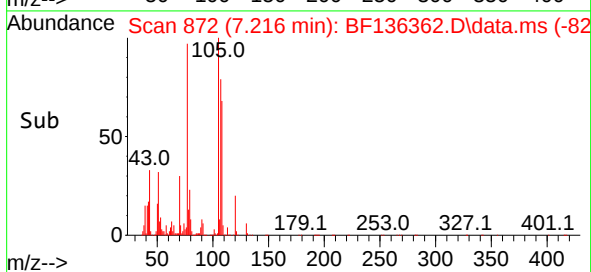
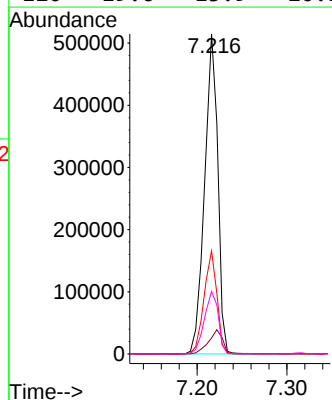
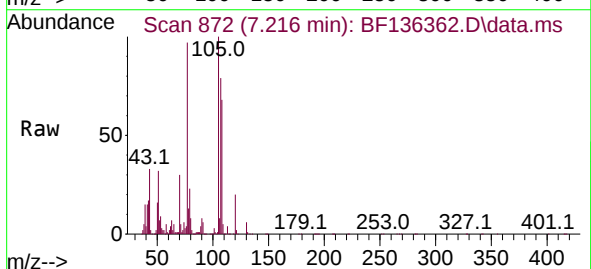
Ion Ratio Lower Upper

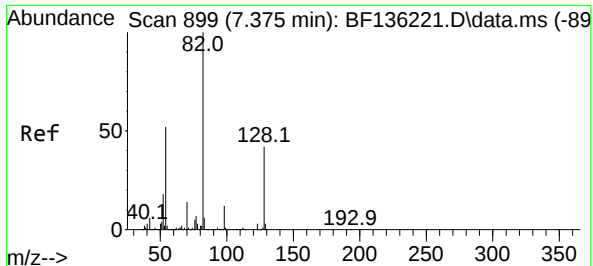
105 100

71 5.0 2.8 4.2#

51 32.2 29.0 43.6

120 19.6 13.9 20.9





#23

Nitrobenzene-d5

Concen: 70.188 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

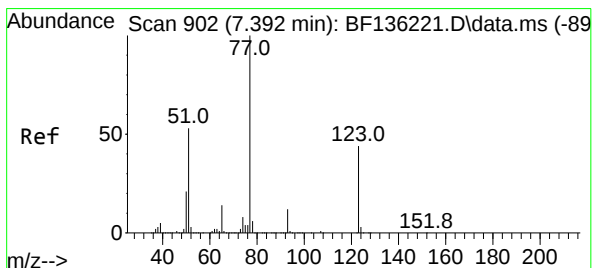
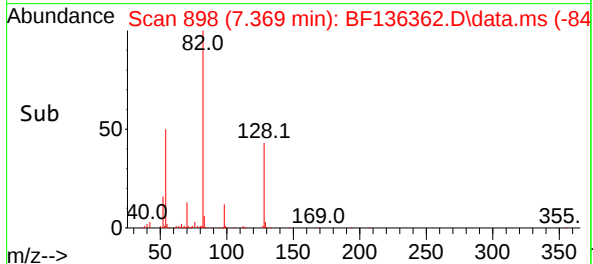
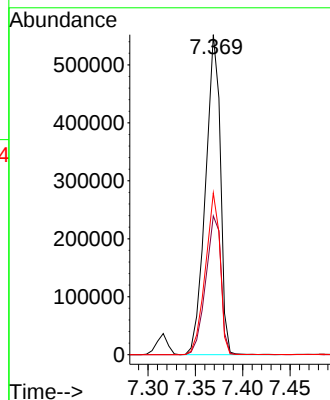
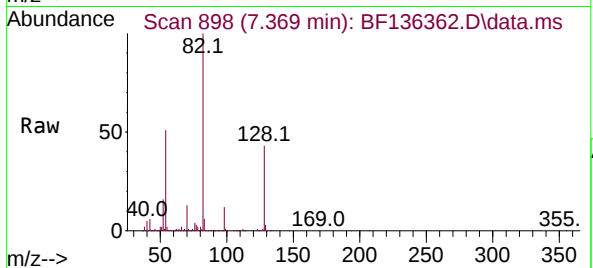
Tgt Ion: 82 Resp: 599750

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.2

54 50.6 41.7 62.5



#24

Nitrobenzene

Concen: 42.182 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

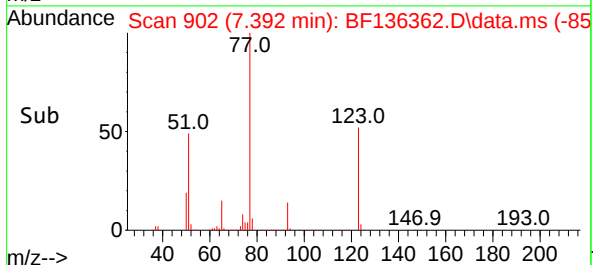
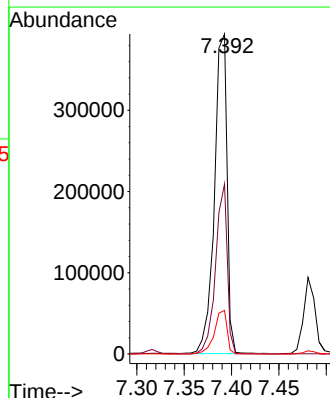
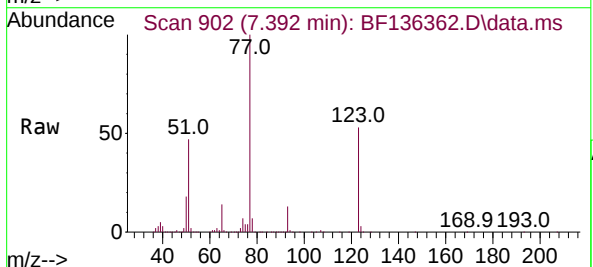
Tgt Ion: 77 Resp: 365260

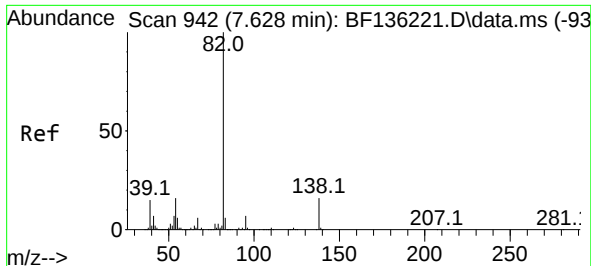
Ion Ratio Lower Upper

77 100

123 53.1 35.4 53.2

65 13.6 11.0 16.6

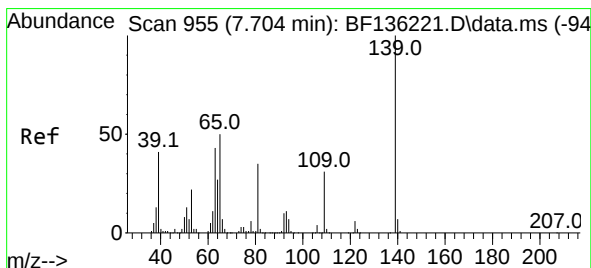
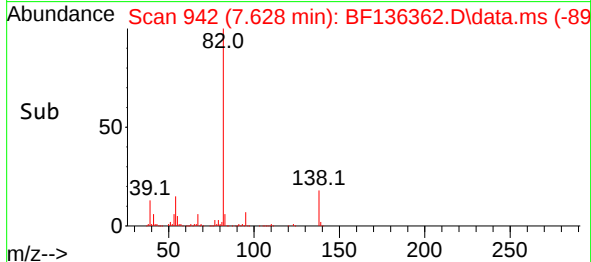
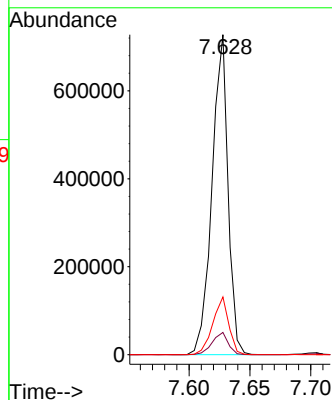
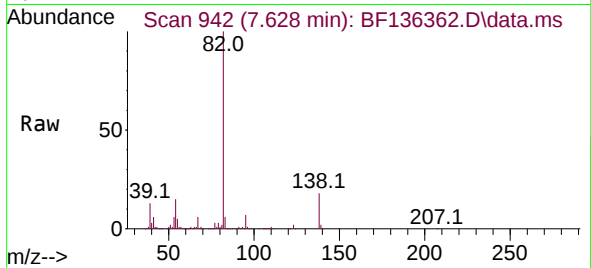




#25
Isophorone
Concen: 43.006 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

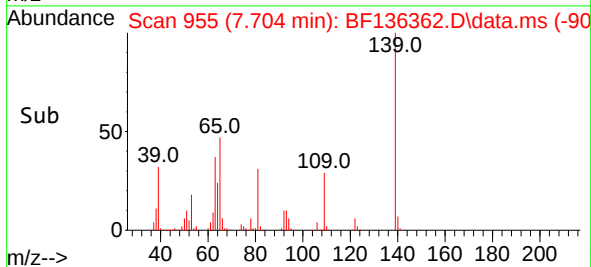
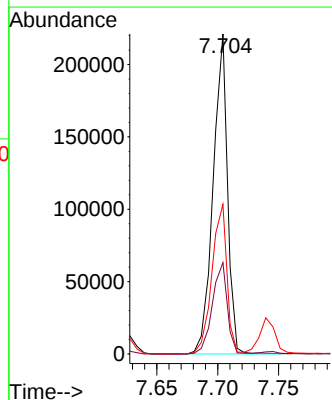
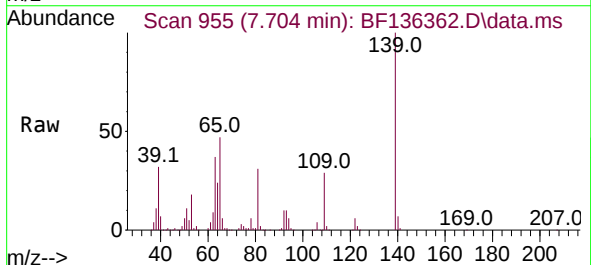
Instrument :
BNA_F
Client SampleId :
TP-3MSD

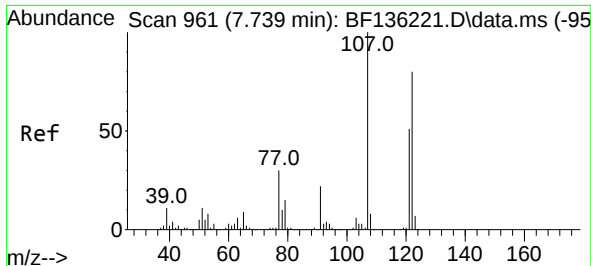
Tgt Ion: 82 Resp: 662627
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.0 12.8 19.2



#26
2-Nitrophenol
Concen: 49.010 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion: 139 Resp: 180823
Ion Ratio Lower Upper
139 100
109 28.5 25.0 37.6
65 46.8 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 49.876 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

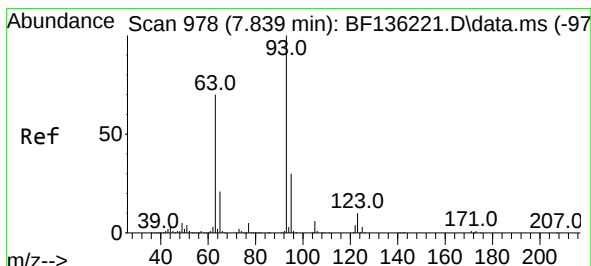
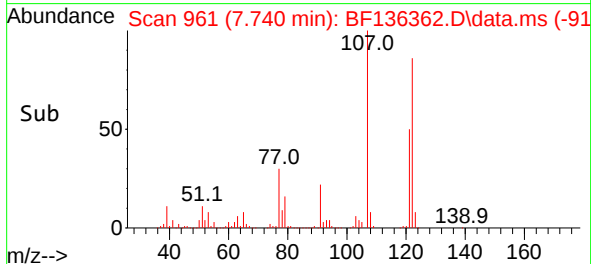
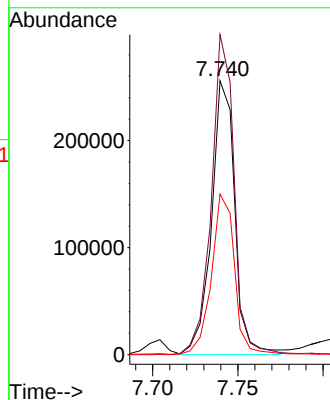
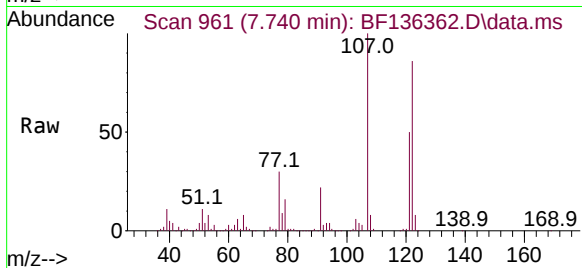
Tgt Ion:122 Resp: 242203

Ion Ratio Lower Upper

122 100

107 116.8 100.0 150.0

121 58.6 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.111 ng

RT: 7.840 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

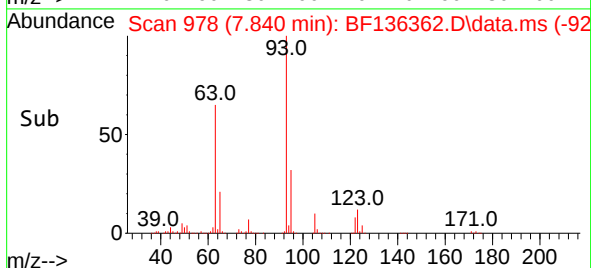
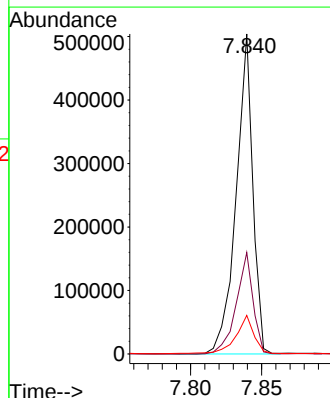
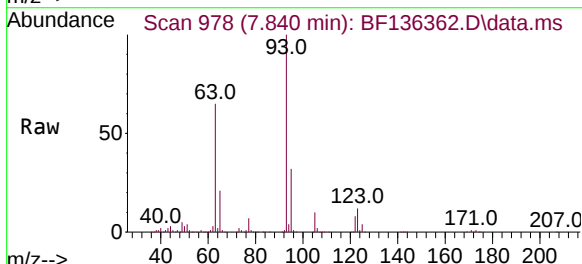
Tgt Ion: 93 Resp: 411102

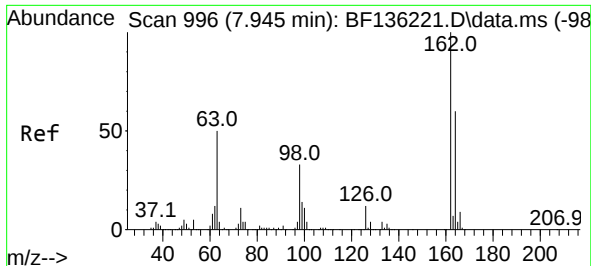
Ion Ratio Lower Upper

93 100

95 31.7 23.8 35.6

123 12.1 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 41.319 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

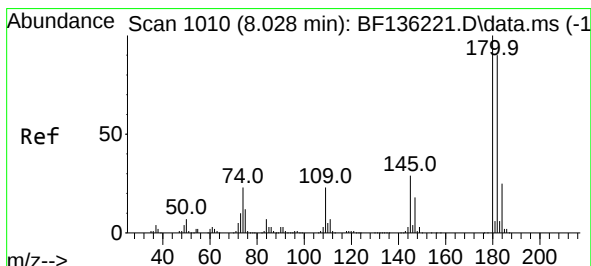
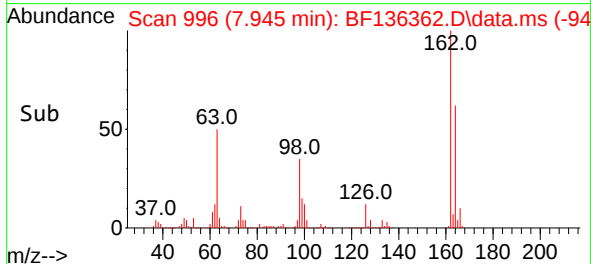
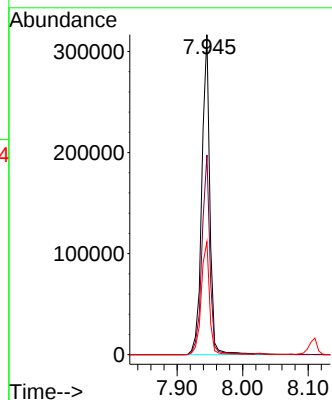
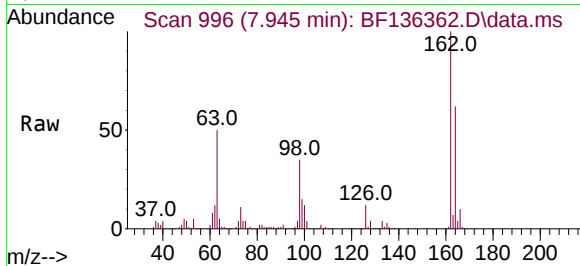
Tgt Ion:162 Resp: 270640

Ion Ratio Lower Upper

162 100

164 62.4 40.3 80.3

98 35.3 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 41.977 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

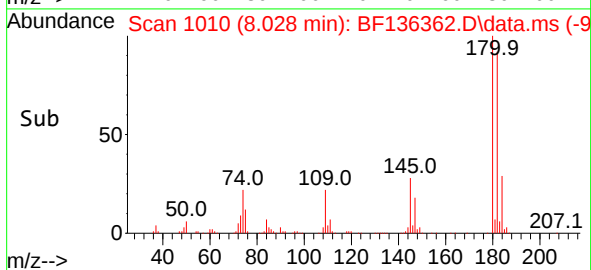
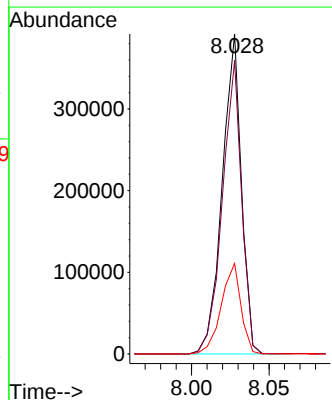
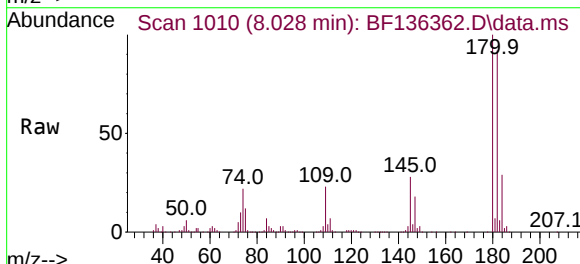
Tgt Ion:180 Resp: 336630

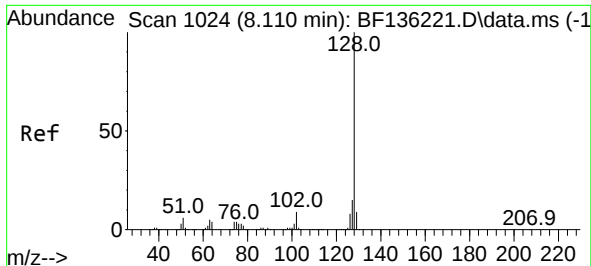
Ion Ratio Lower Upper

180 100

182 91.7 71.6 107.4

145 28.3 23.0 34.4

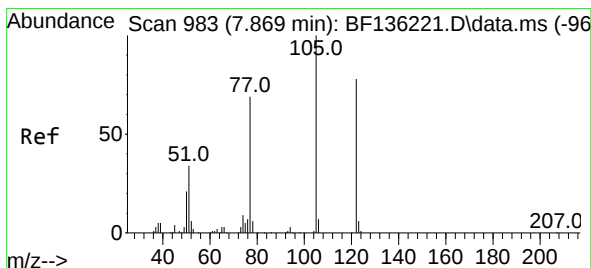
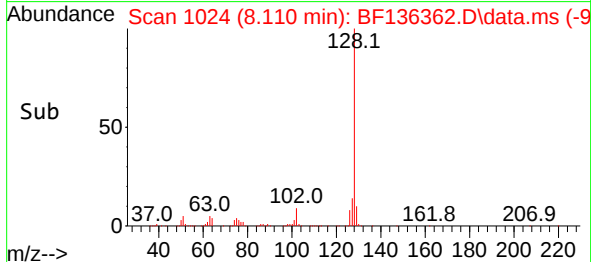
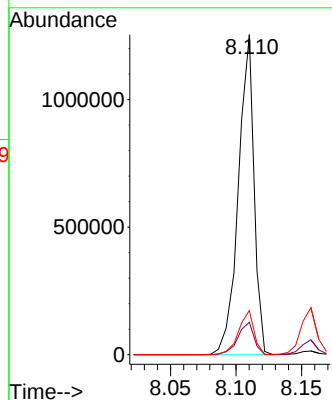
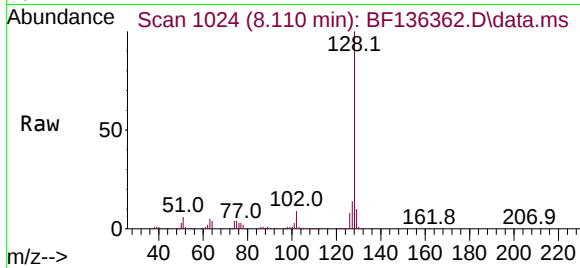




#31
Naphthalene
Concen: 41.288 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

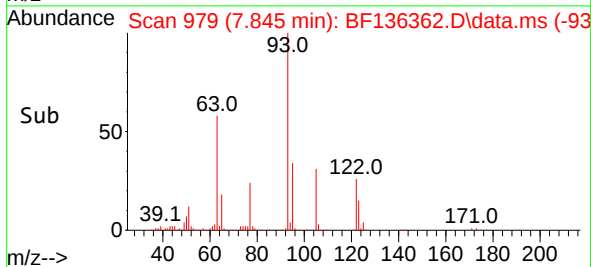
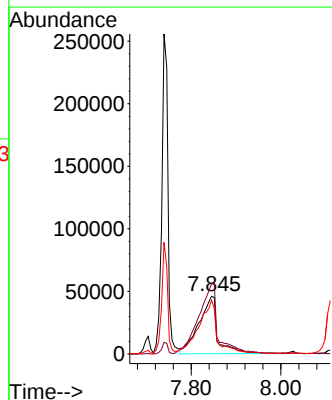
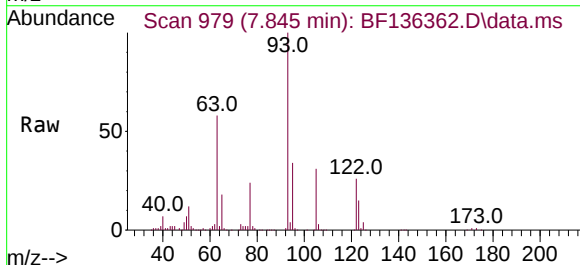
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

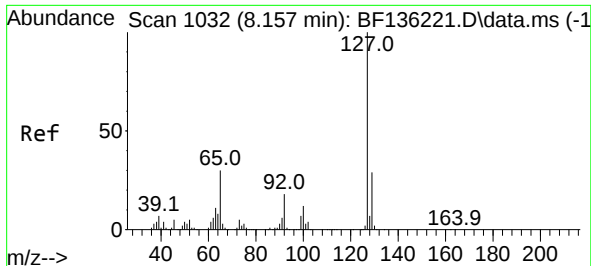
Tgt Ion:128 Resp: 1047897
Ion Ratio Lower Upper
128 100
129 10.1 7.3 10.9
127 13.8 11.8 17.6



#32
Benzoic acid
Concen: 30.608 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.023 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:122 Resp: 135465
Ion Ratio Lower Upper
122 100
105 121.4 103.7 143.7
77 93.1 66.8 106.8

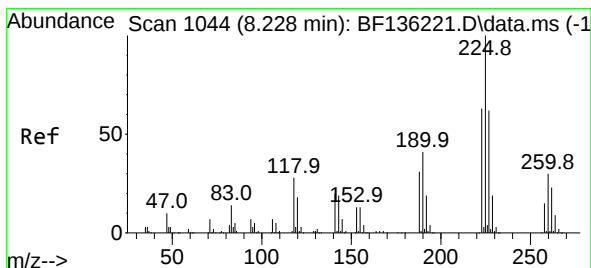
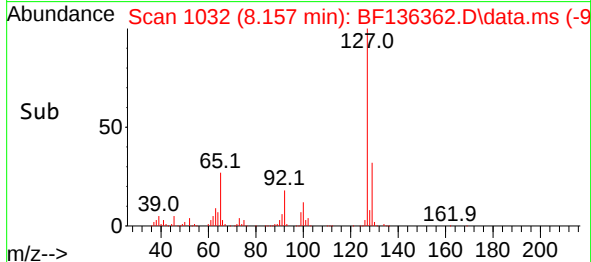
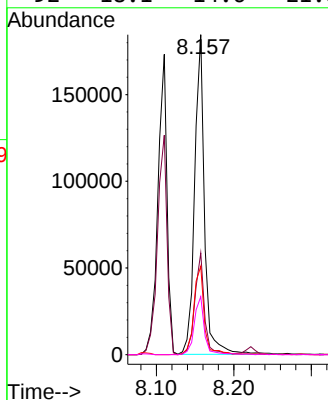
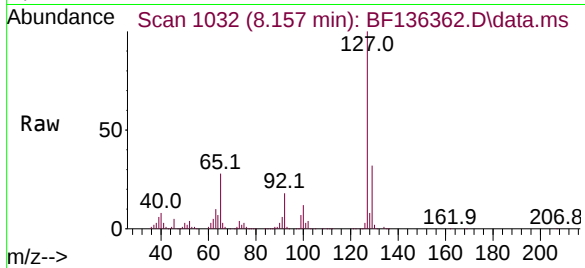




#33
4-Chloroaniline
Concen: 19.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

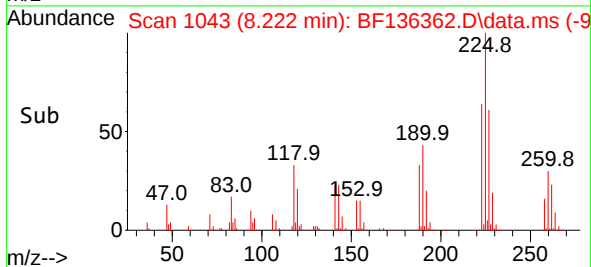
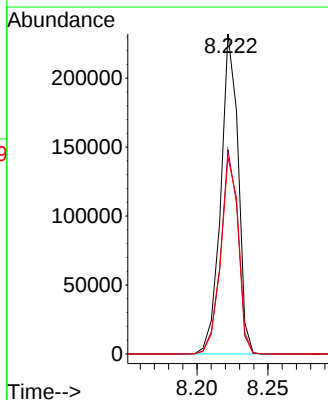
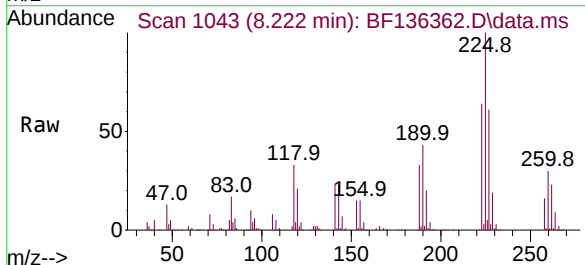
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

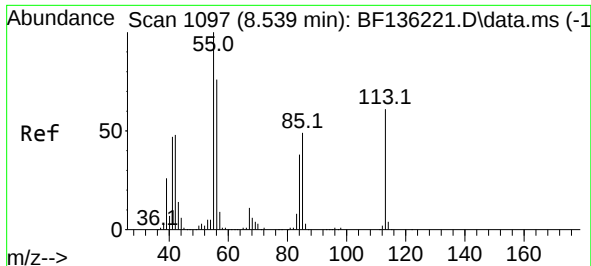
Tgt	Ion:127	Resp:	163911
Ion	Ratio	Lower	Upper
127	100		
129	31.8	23.4	35.2
65	27.6	23.8	35.6
92	18.1	14.6	21.8



#34
Hexachlorobutadiene
Concen: 41.846 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt	Ion:225	Resp:	196328
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	61.4	49.6	74.4

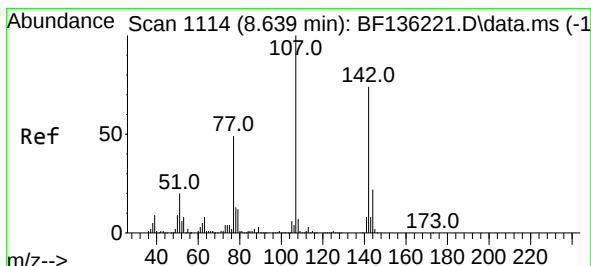
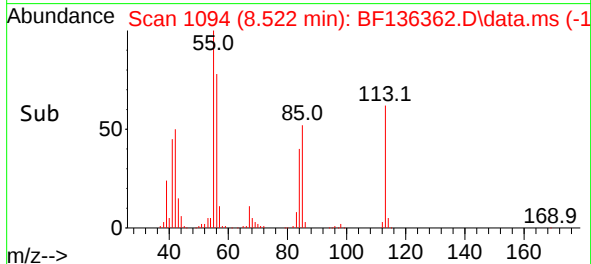
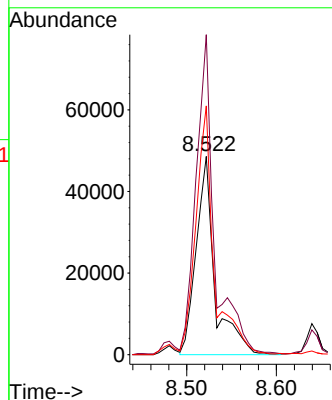
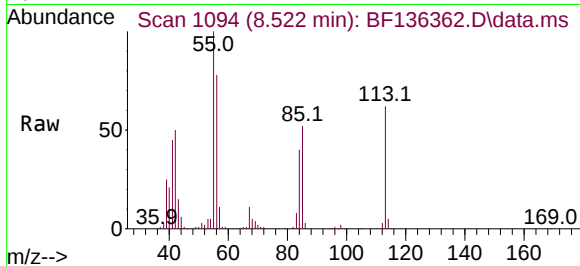




#35
Caprolactam
Concen: 38.484 ng
RT: 8.522 min Scan# 1094
Delta R.T. -0.018 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

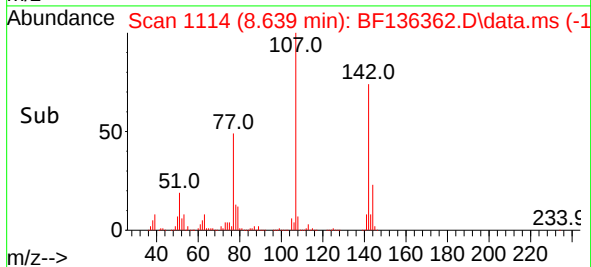
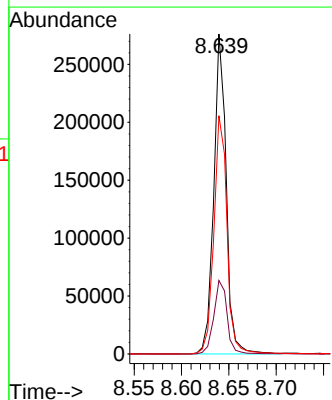
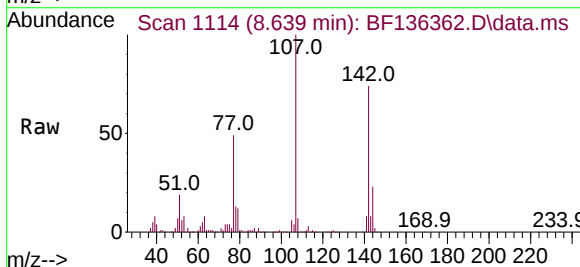
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

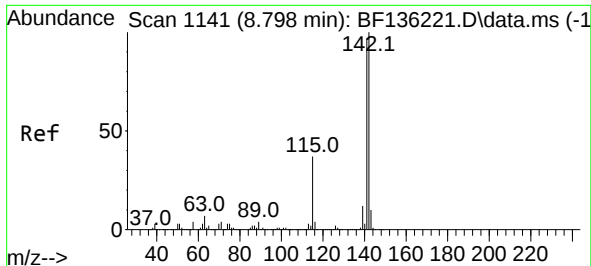
Tgt Ion:113 Resp: 70468
Ion Ratio Lower Upper
113 100
55 161.4 143.1 183.1
56 125.5 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 35.521 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:107 Resp: 252338
Ion Ratio Lower Upper
107 100
144 23.0 17.8 26.8
142 74.4 59.4 89.0





#37

2-Methylnaphthalene

Concen: 37.819 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

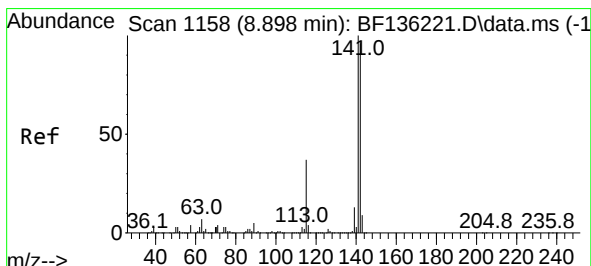
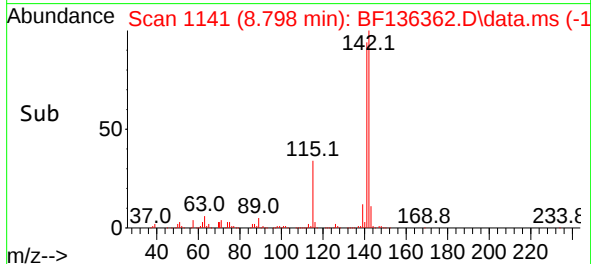
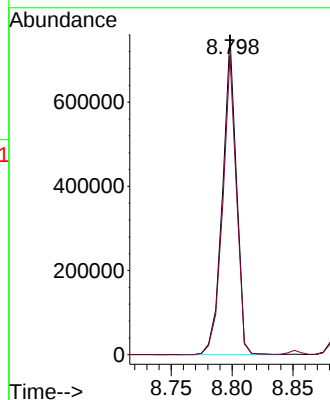
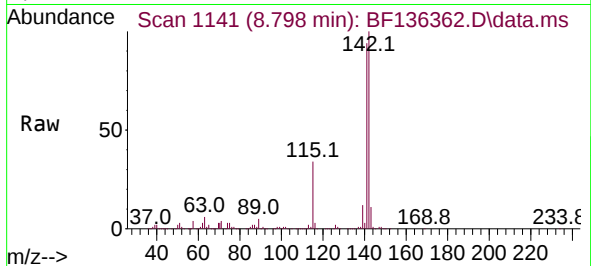
TP-3MSD

Tgt Ion:142 Resp: 602103

Ion Ratio Lower Upper

142 100

141 93.6 77.8 116.8



#38

1-Methylnaphthalene

Concen: 36.901 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136362.D

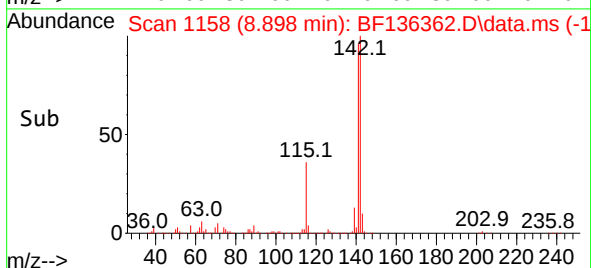
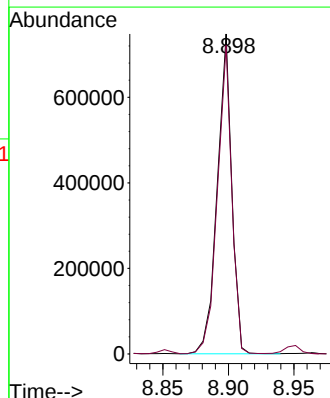
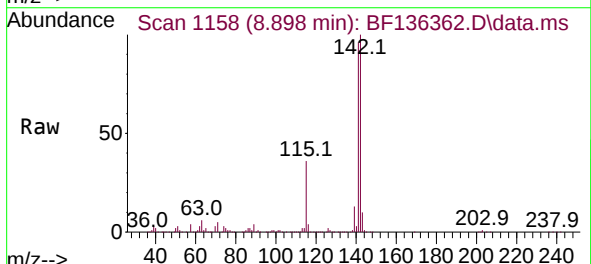
Acq: 02 Dec 2023 05:43

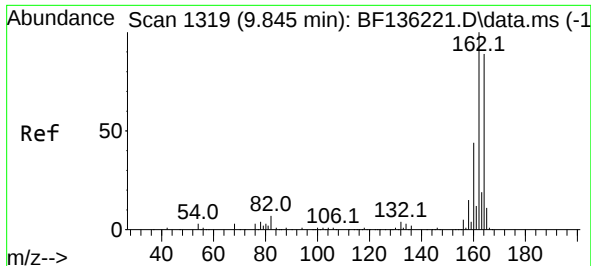
Tgt Ion:142 Resp: 573105

Ion Ratio Lower Upper

142 100

141 96.5 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

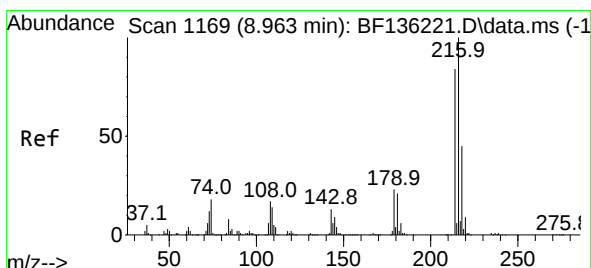
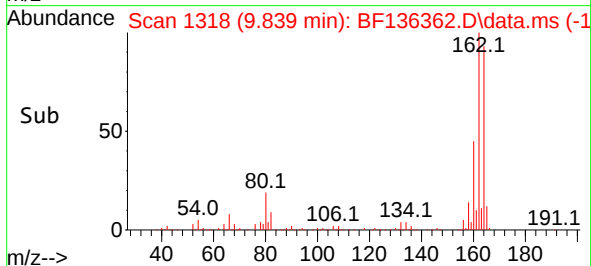
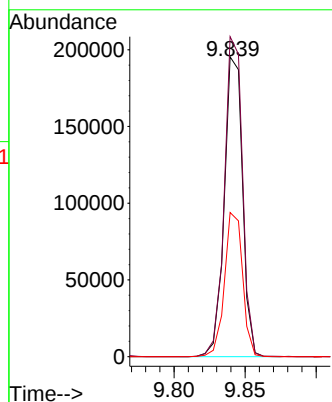
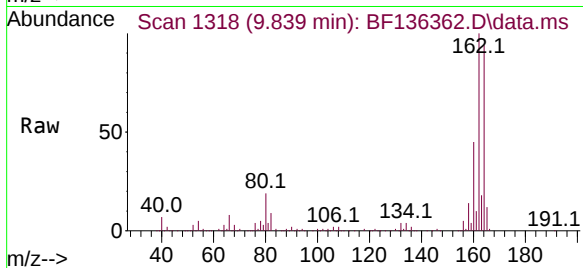
Tgt Ion:164 Resp: 174566

Ion Ratio Lower Upper

164 100

162 106.7 89.5 134.3

160 48.1 39.6 59.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.480 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Tgt Ion:216 Resp: 286000

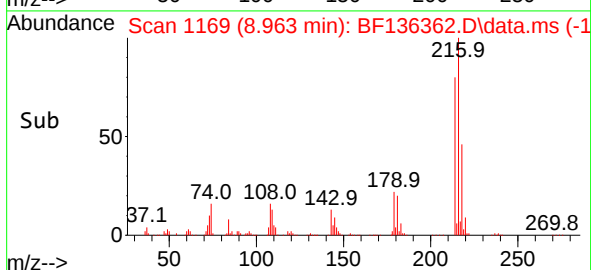
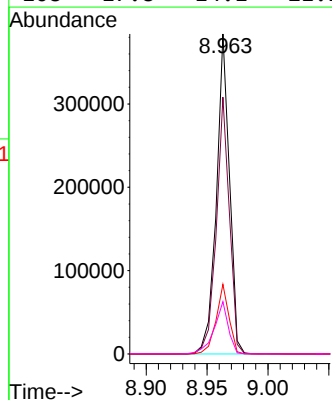
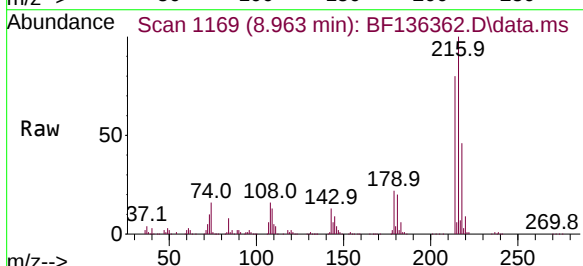
Ion Ratio Lower Upper

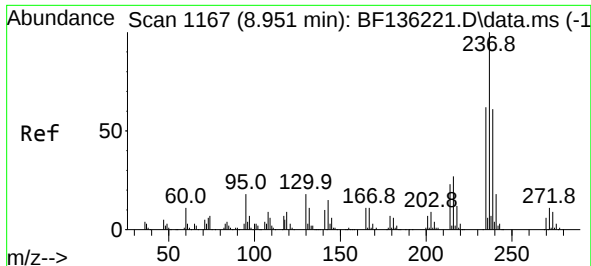
216 100

214 80.0 65.8 98.8

179 21.5 17.4 26.0

108 17.8 14.1 21.1

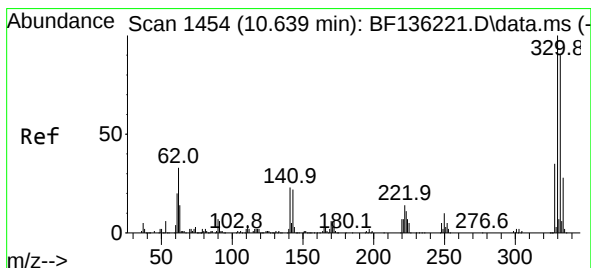
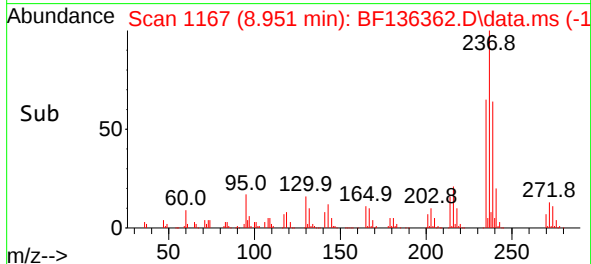
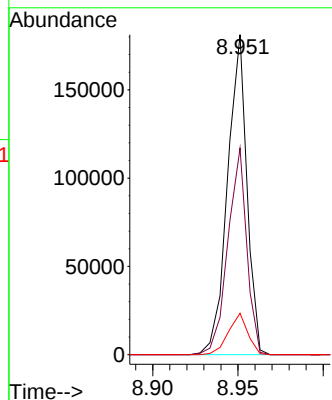
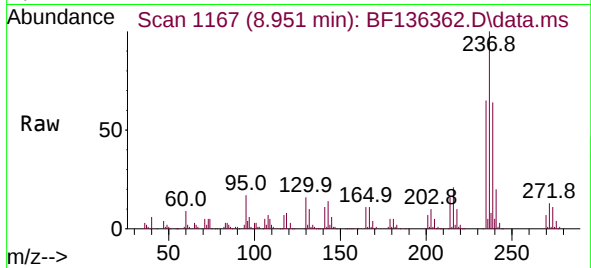




#41
Hexachlorocyclopentadiene
Concen: 66.938 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

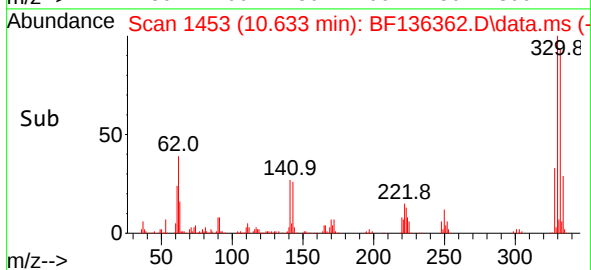
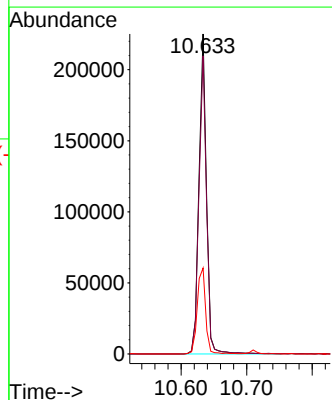
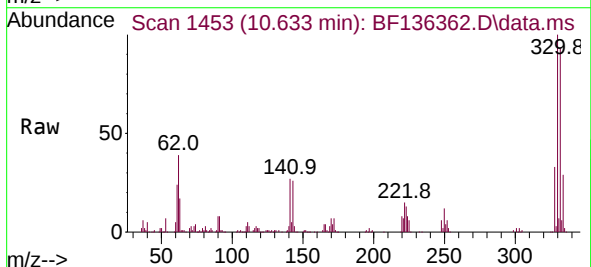
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

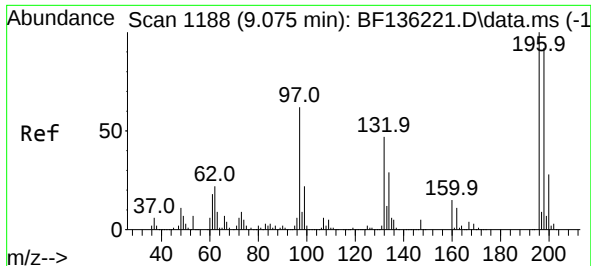
Tgt Ion:237 Resp: 143094
Ion Ratio Lower Upper
237 100
235 64.5 42.1 82.1
272 12.9 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 84.174 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:330 Resp: 179645
Ion Ratio Lower Upper
330 100
332 94.2 73.0 109.6
141 30.0 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 44.623 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

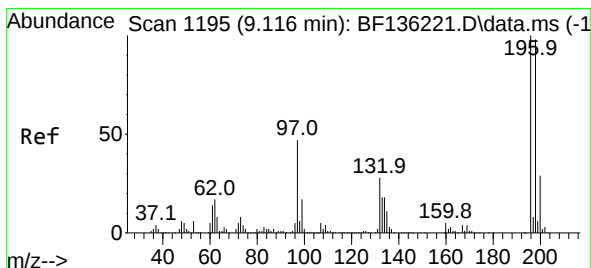
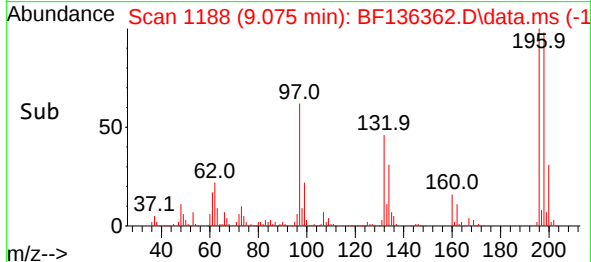
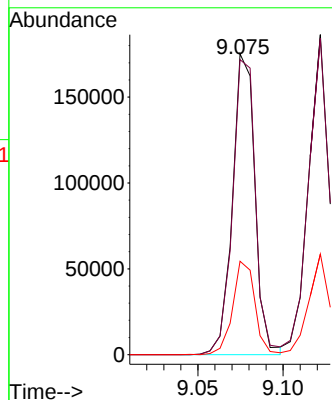
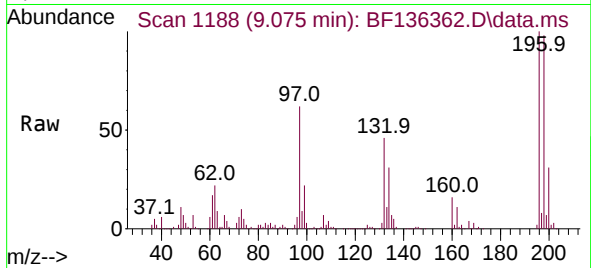
Tgt Ion:196 Resp: 160908

Ion Ratio Lower Upper

196 100

198 98.1 73.2 109.8

200 31.1 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 41.437 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Tgt Ion:196 Resp: 163059

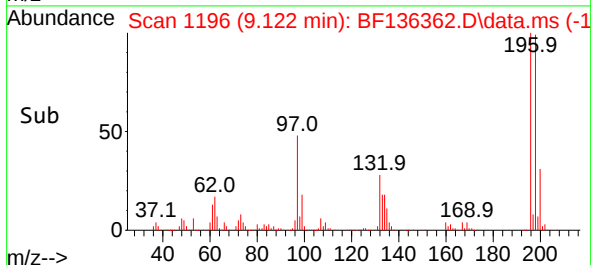
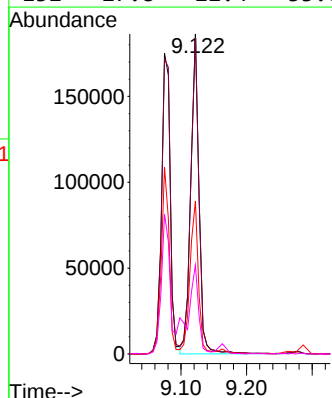
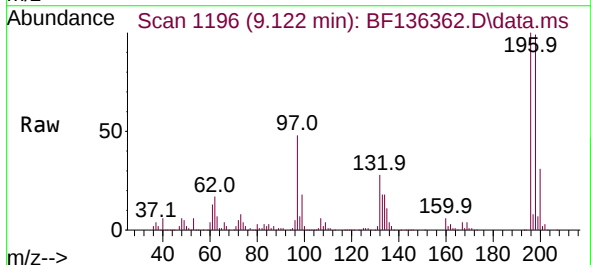
Ion Ratio Lower Upper

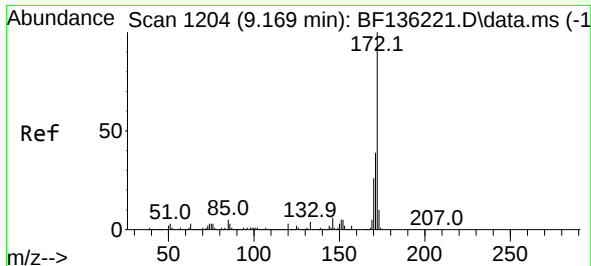
196 100

198 98.8 78.8 118.2

97 47.8 37.8 56.8

132 27.8 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 74.370 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

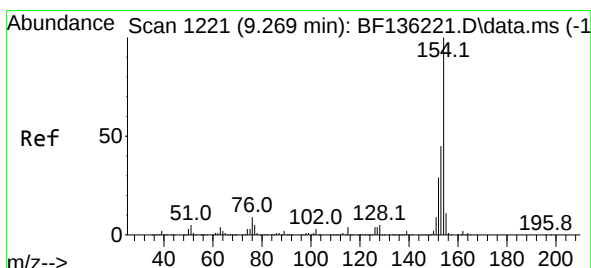
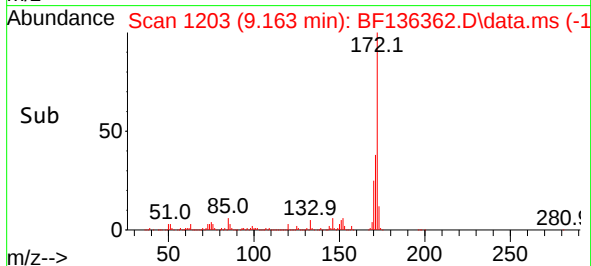
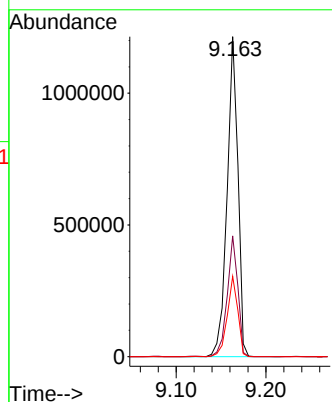
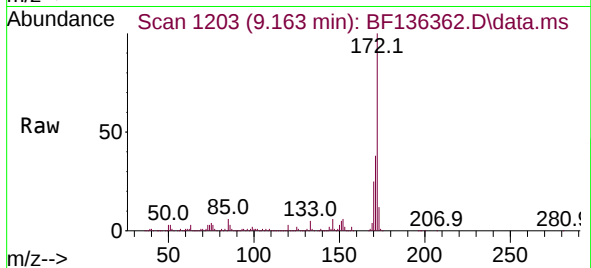
Tgt Ion:172 Resp: 1016396

Ion Ratio Lower Upper

172 100

171 37.7 31.5 47.3

170 25.1 20.8 31.2



#46

1,1'-Biphenyl

Concen: 48.748 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

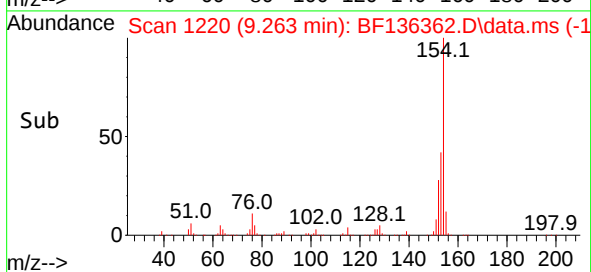
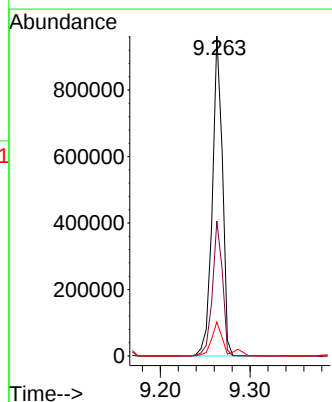
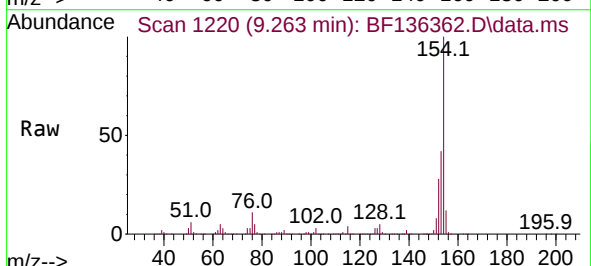
Tgt Ion:154 Resp: 750433

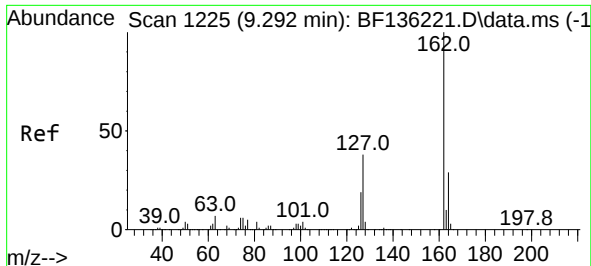
Ion Ratio Lower Upper

154 100

153 42.2 24.6 64.6

76 10.7 0.0 29.4





#47

2-Chloronaphthalene

Concen: 44.911 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

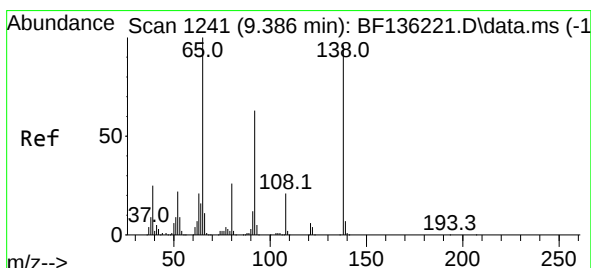
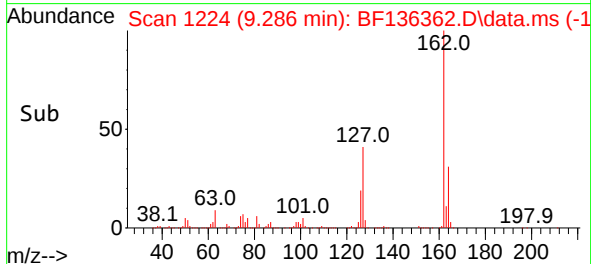
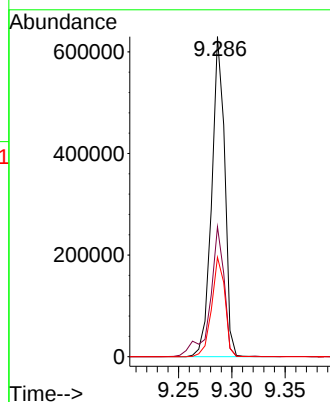
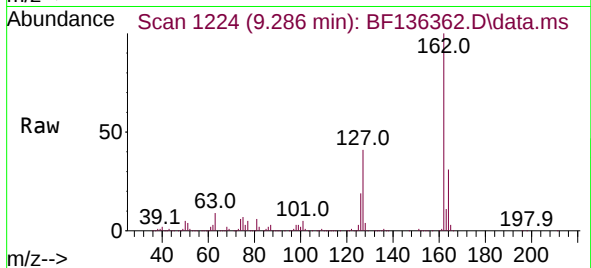
Tgt Ion:162 Resp: 536897

Ion Ratio Lower Upper

162 100

127 40.6 30.2 45.2

164 31.0 22.8 34.2



#48

2-Nitroaniline

Concen: 43.869 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

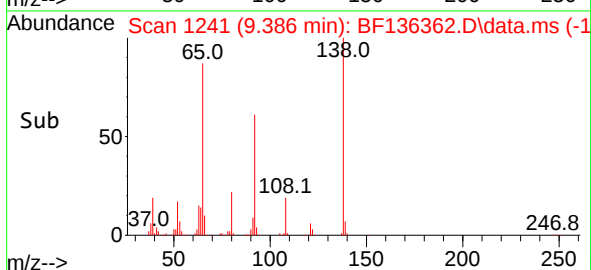
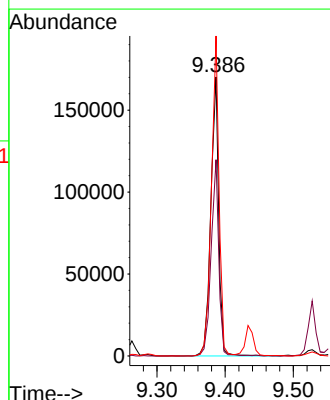
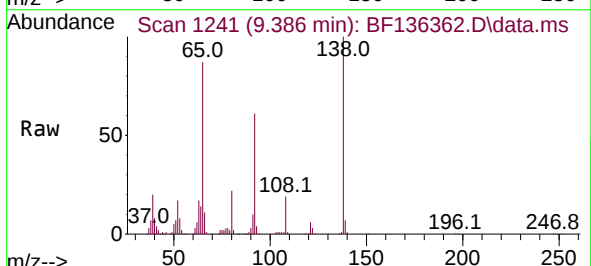
Tgt Ion: 65 Resp: 136923

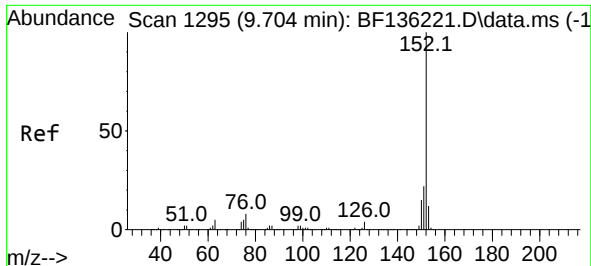
Ion Ratio Lower Upper

65 100

92 70.4 50.6 75.8

138 114.7 76.7 115.1

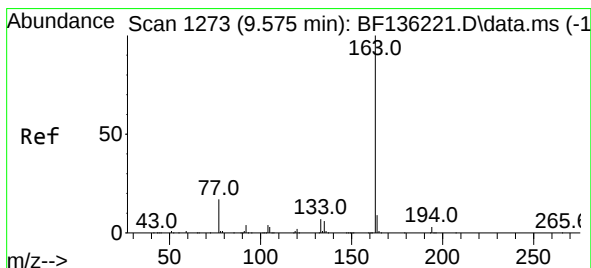
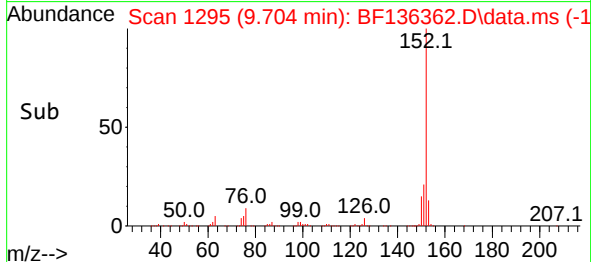
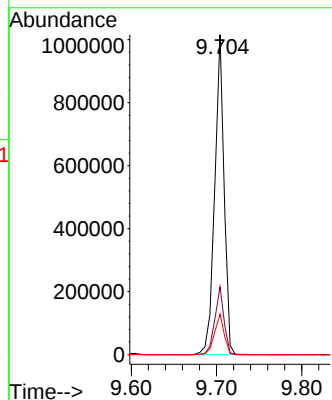
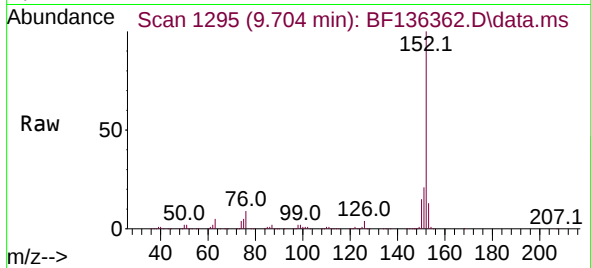




#49
Acenaphthylene
Concen: 45.655 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

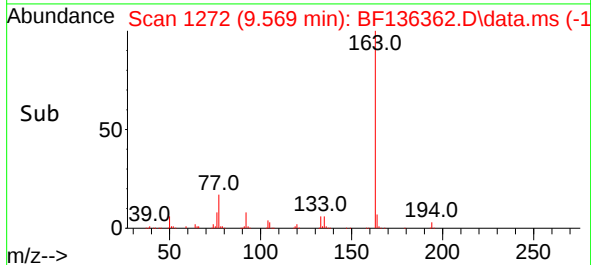
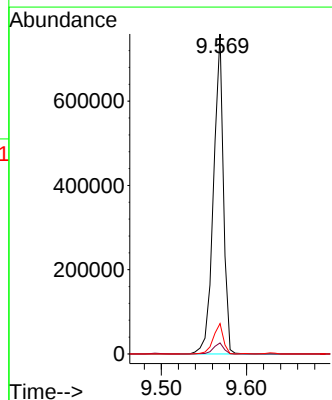
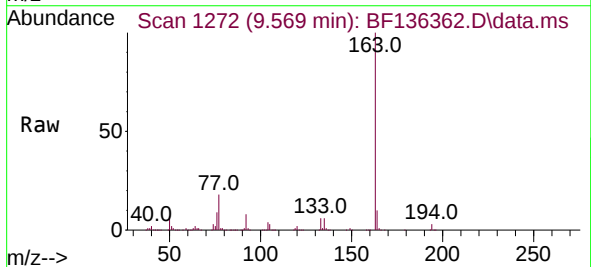
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

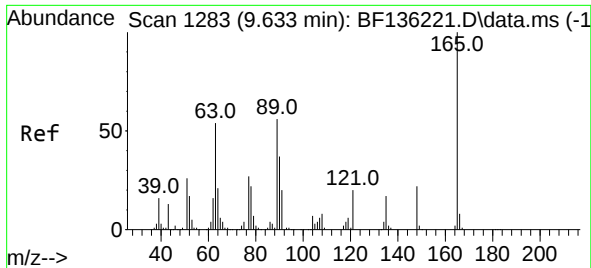
Tgt Ion:152 Resp: 778890
Ion Ratio Lower Upper
152 100
151 21.2 17.5 26.3
153 12.7 9.6 14.4



#50
Dimethylphthalate
Concen: 46.400 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:163 Resp: 612205
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 9.5 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 44.136 ng

RT: 9.628 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

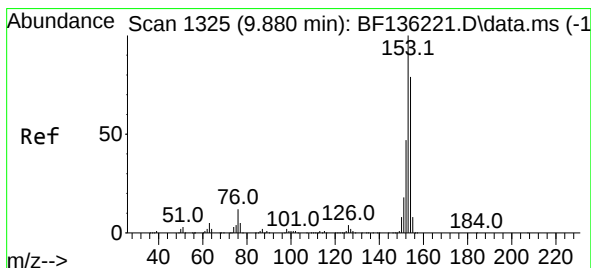
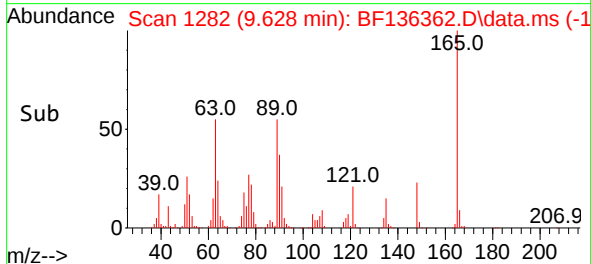
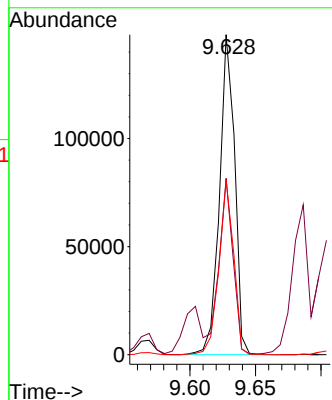
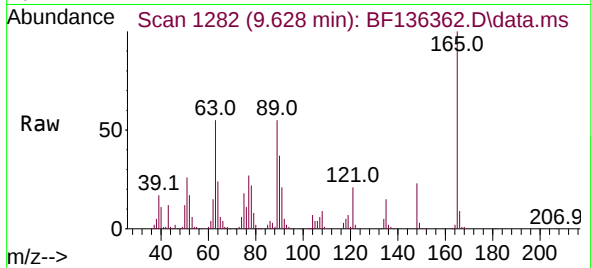
Tgt Ion:165 Resp: 118966

Ion Ratio Lower Upper

165 100

63 55.1 46.2 69.2

89 54.6 44.9 67.3



#52

Acenaphthene

Concen: 41.386 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

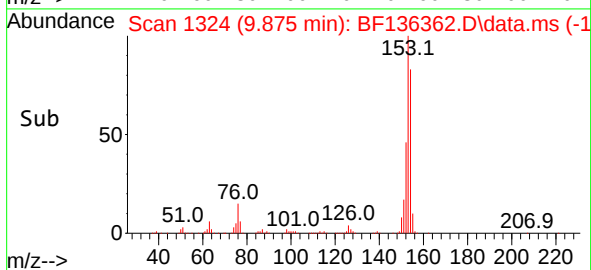
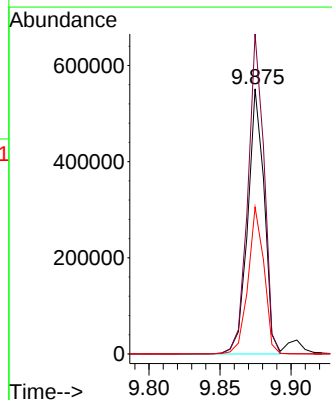
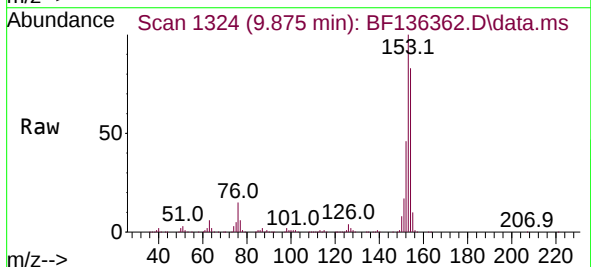
Tgt Ion:154 Resp: 446190

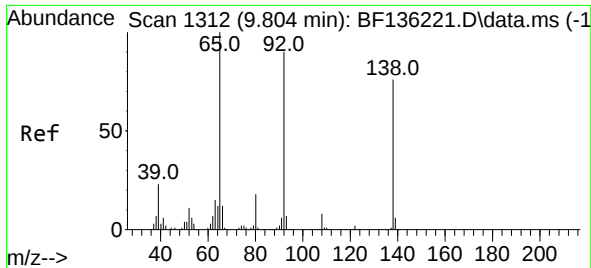
Ion Ratio Lower Upper

154 100

153 120.7 100.8 151.2

152 55.4 47.0 70.6

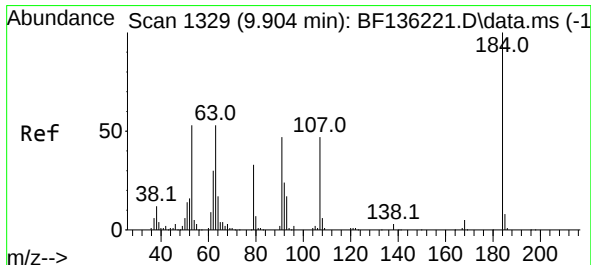
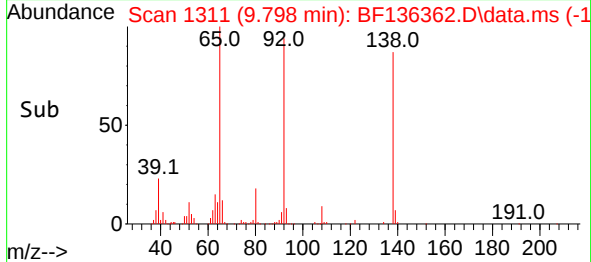
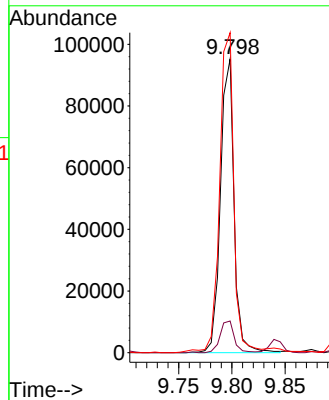
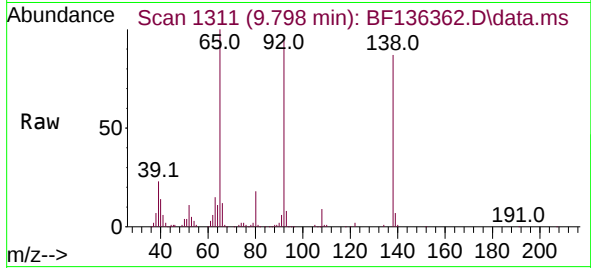




#53
3-Nitroaniline
Concen: 31.526 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

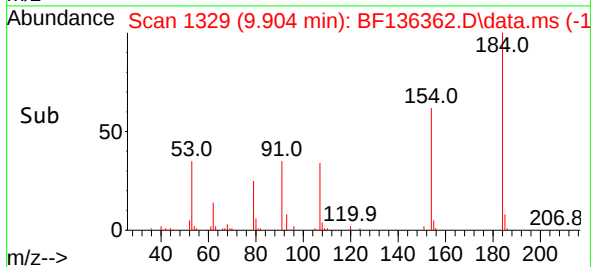
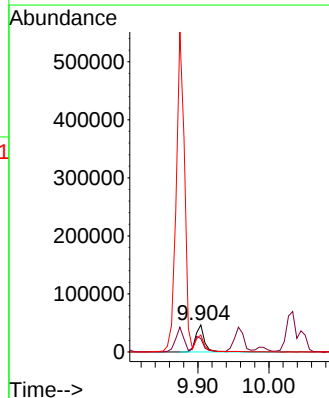
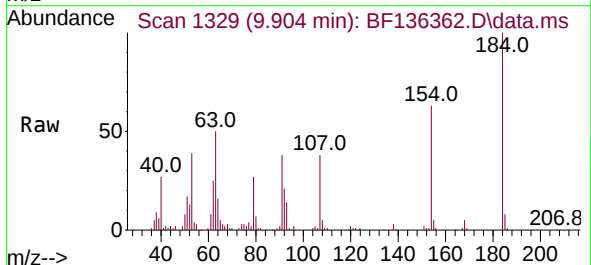
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

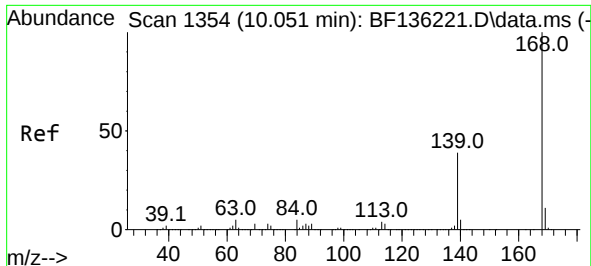
Tgt Ion:138 Resp: 84316
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 108.9 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 32.599 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:184 Resp: 40867
Ion Ratio Lower Upper
184 100
63 50.0 55.0 82.4#
154 62.6 54.9 82.3

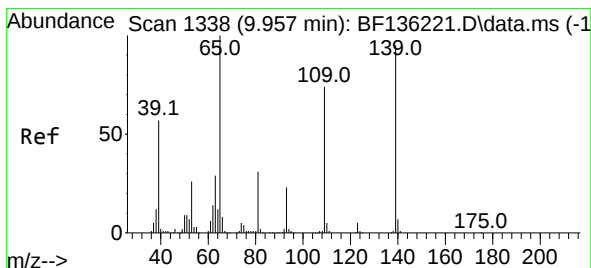
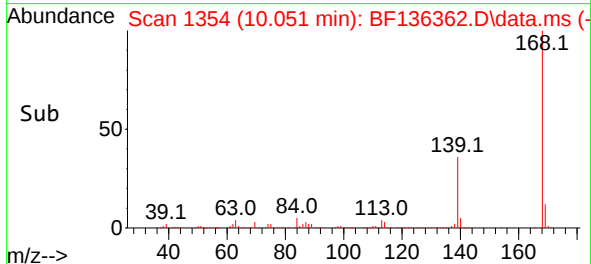
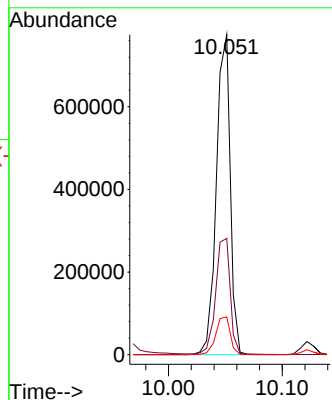
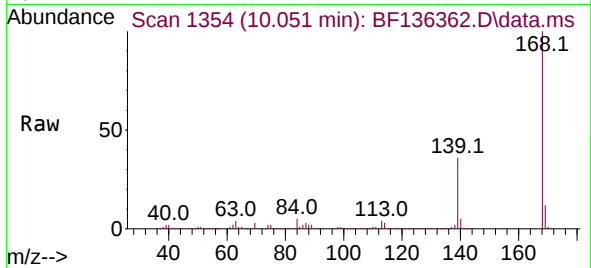




#55
Dibenzofuran
Concen: 40.921 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

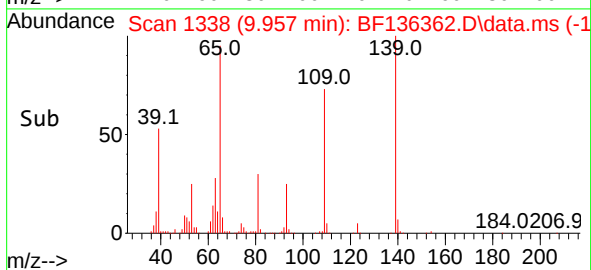
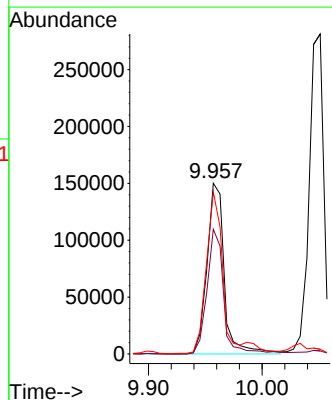
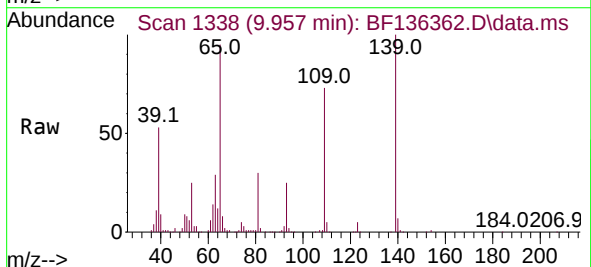
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

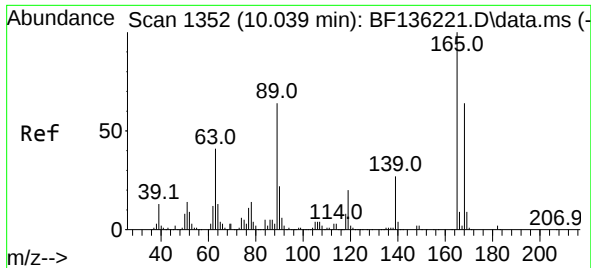
Tgt Ion:168 Resp: 656494
Ion Ratio Lower Upper
168 100
139 36.3 30.9 46.3
169 11.8 9.1 13.7



#56
4-Nitrophenol
Concen: 77.689 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:139 Resp: 157809
Ion Ratio Lower Upper
139 100
109 73.1 57.8 97.8
65 94.9 86.0 126.0



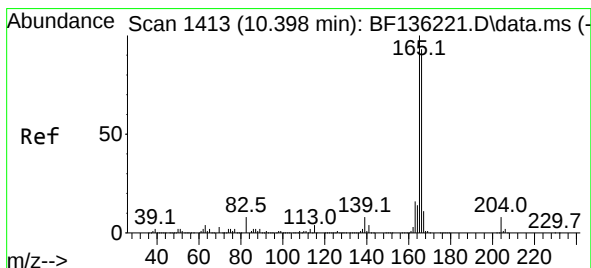
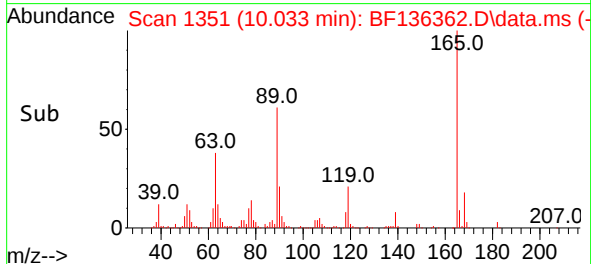
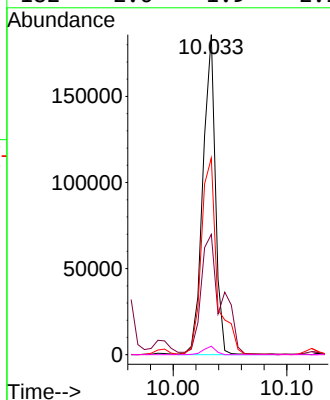
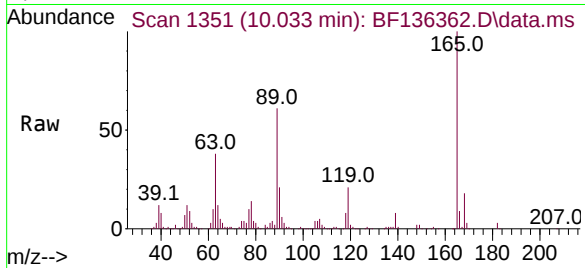


#57
2,4-Dinitrotoluene
Concen: 39.326 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:165 Resp: 141592

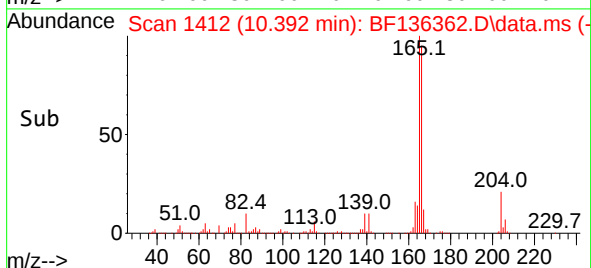
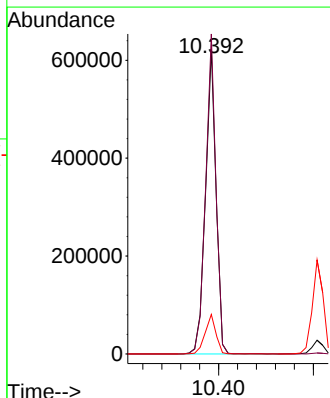
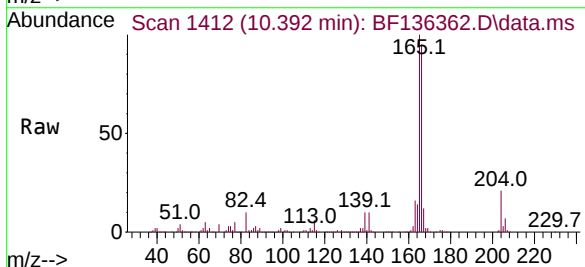
Ion	Ratio	Lower	Upper
165	100		
63	37.6	33.0	49.4
89	61.4	51.5	77.3
182	2.6	1.9	2.9

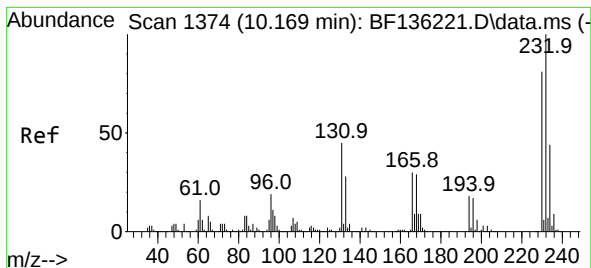


#58
Fluorene
Concen: 38.150 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:166 Resp: 480071

Ion	Ratio	Lower	Upper
166	100		
165	105.0	86.2	129.4
167	13.0	9.1	13.7

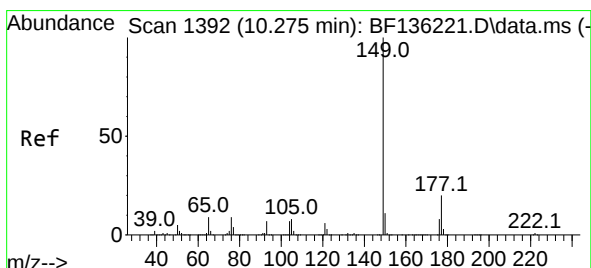
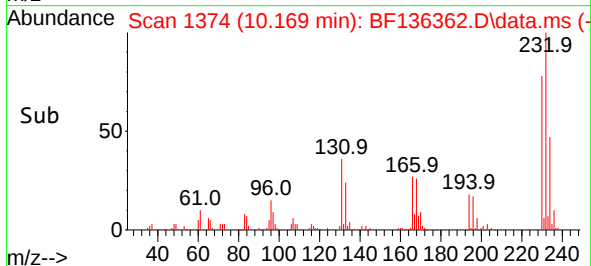
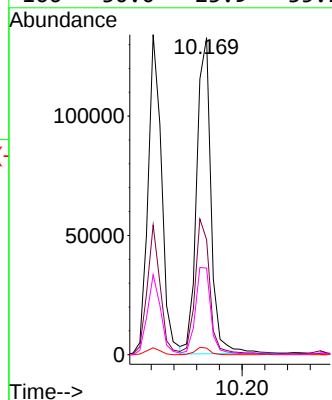
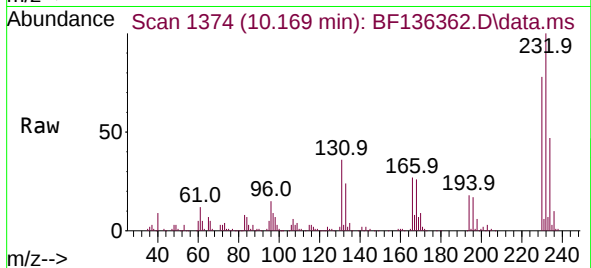




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.129 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

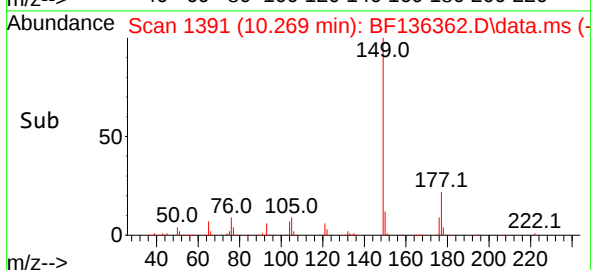
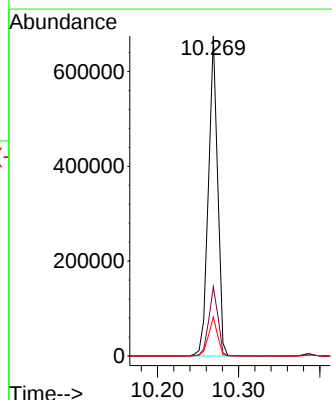
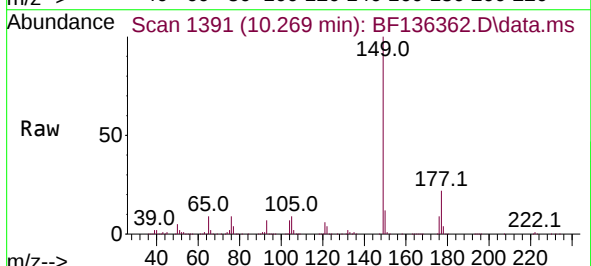
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

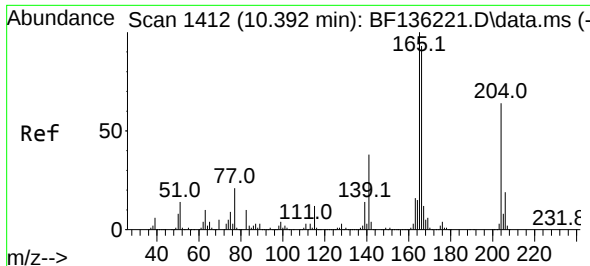
Tgt Ion:232 Resp: 116250
Ion Ratio Lower Upper
232 100
131 43.6 36.4 54.6
130 2.4 1.9 2.9
166 30.0 23.9 35.9



#60
Diethylphthalate
Concen: 40.173 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:149 Resp: 530205
Ion Ratio Lower Upper
149 100
177 21.6 15.8 23.6
150 12.2 8.8 13.2

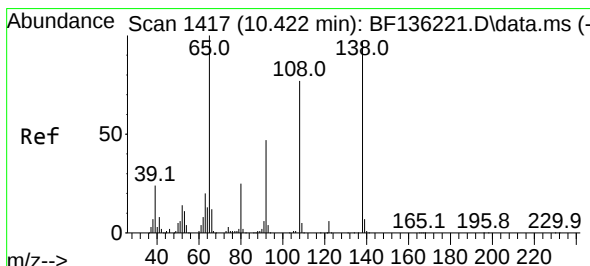
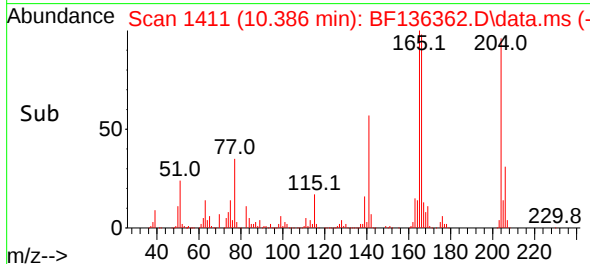
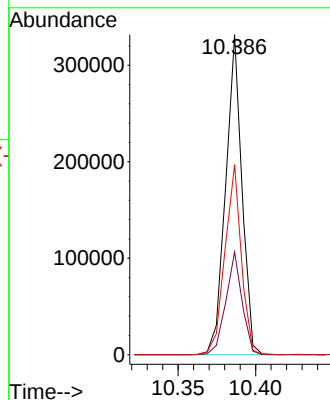
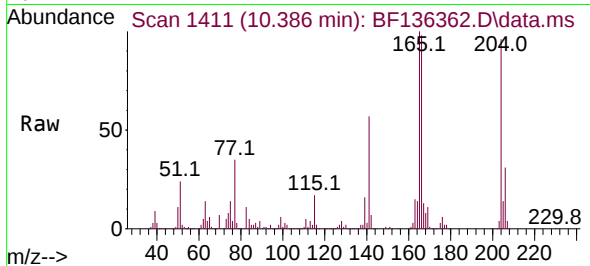




#61
4-Chlorophenyl-phenylether
Concen: 39.653 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

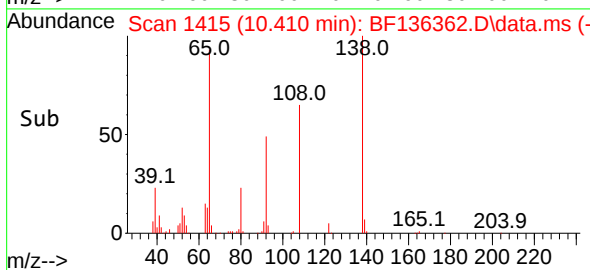
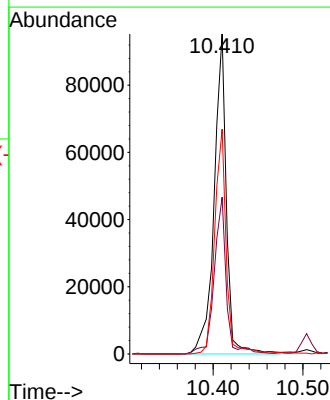
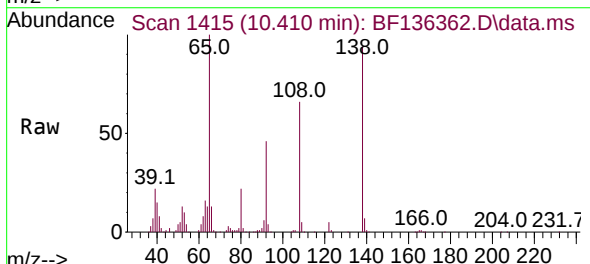
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

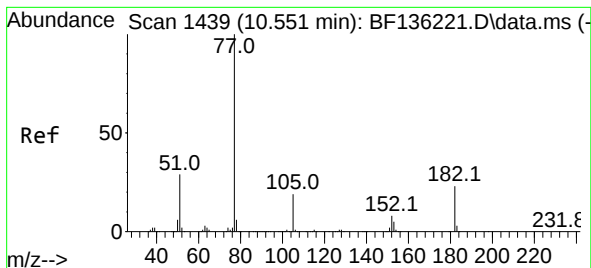
Tgt Ion:204 Resp: 242327
Ion Ratio Lower Upper
204 100
206 32.1 23.4 35.0
141 59.3 47.6 71.4



#62
4-Nitroaniline
Concen: 34.546 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:138 Resp: 90440
Ion Ratio Lower Upper
138 100
92 49.0 28.5 68.5
108 70.2 59.8 99.8





#63

Azobenzene

Concen: 36.298 ng

RT: 10.545 min Scan# 1439

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 77 Resp: 444137

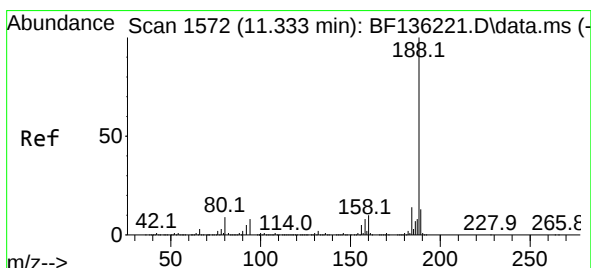
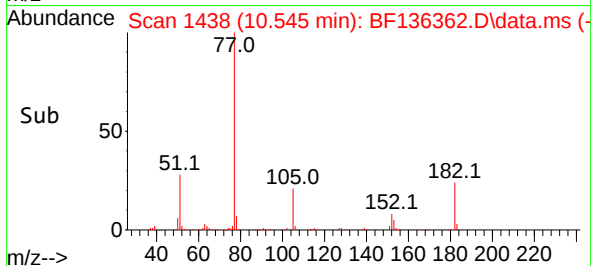
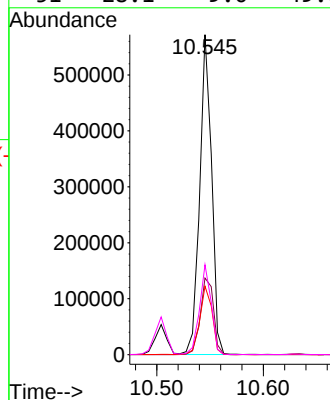
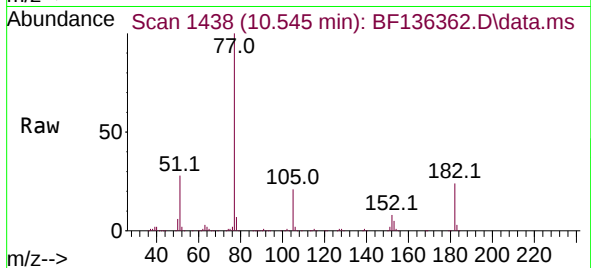
Ion Ratio Lower Upper

77 100

182 24.0 3.3 43.3

105 21.4 0.0 39.5

51 28.1 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

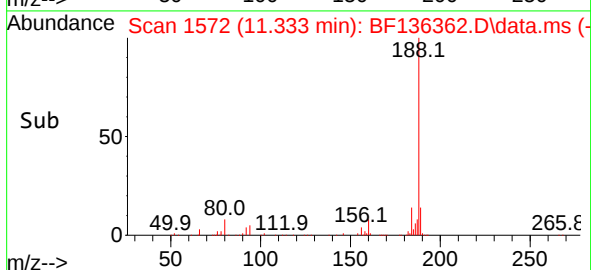
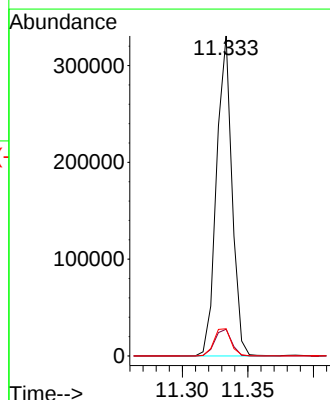
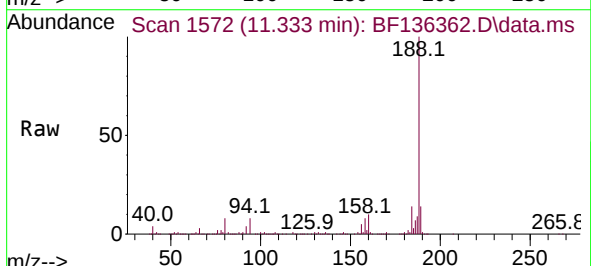
Tgt Ion: 188 Resp: 270659

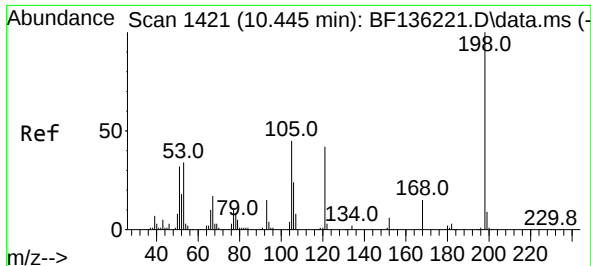
Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 8.5 7.2 10.8

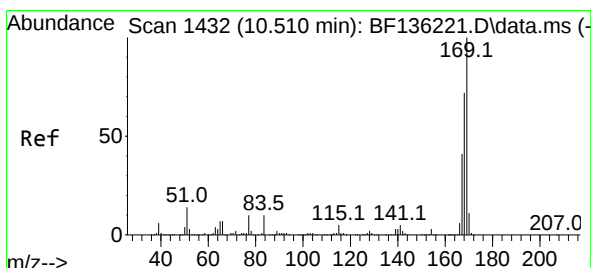
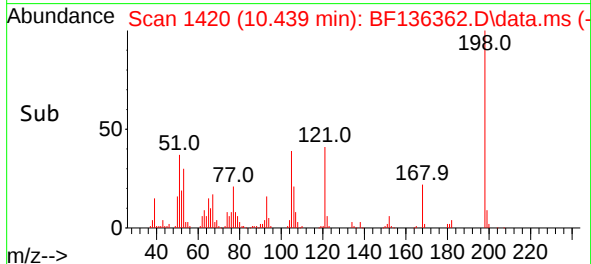
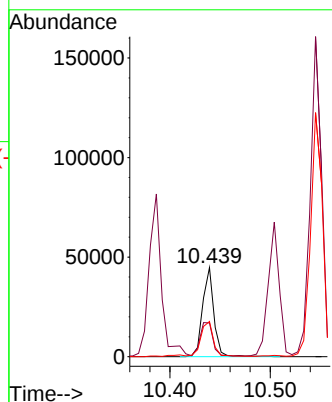
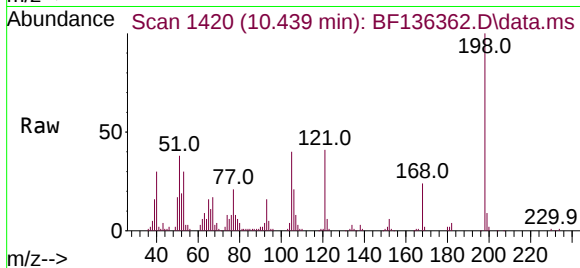




#65
4,6-Dinitro-2-methylphenol
Concen: 23.640 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

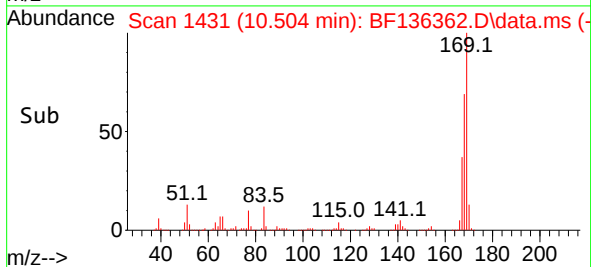
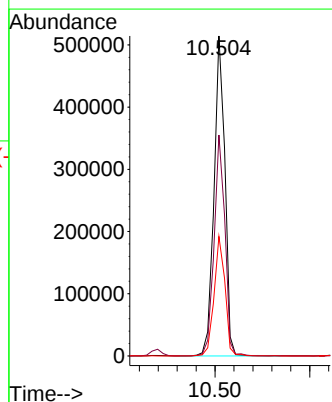
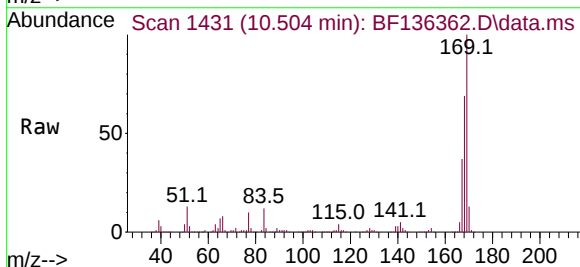
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

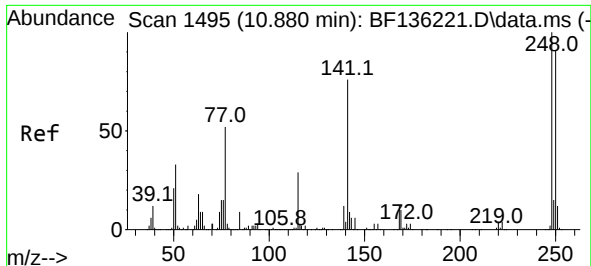
Tgt Ion:198 Resp: 34989
Ion Ratio Lower Upper
198 100
51 37.8 28.2 68.2
105 39.6 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 47.107 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:169 Resp: 408594
Ion Ratio Lower Upper
169 100
168 69.0 57.8 86.6
167 37.4 32.7 49.1

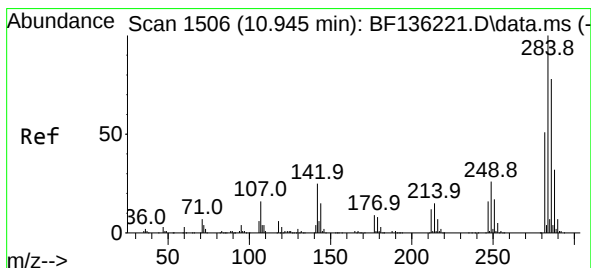
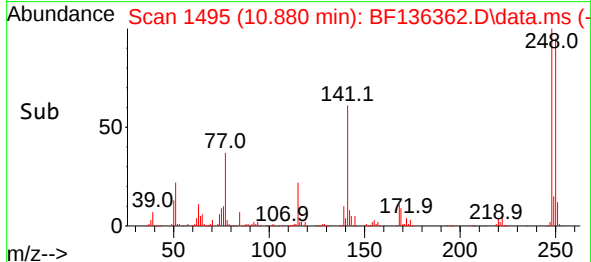
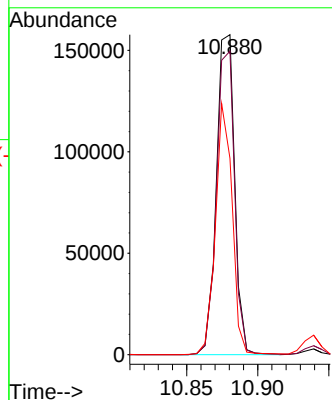
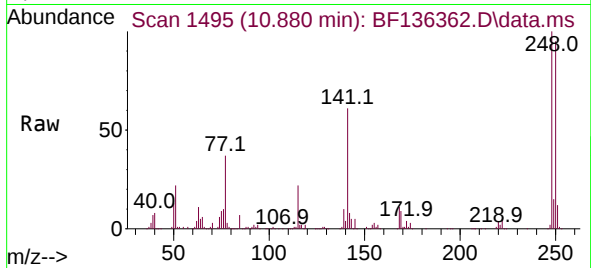




#67
4-Bromophenyl-phenylether
Concen: 44.708 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

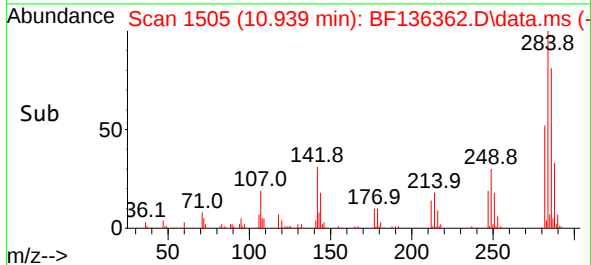
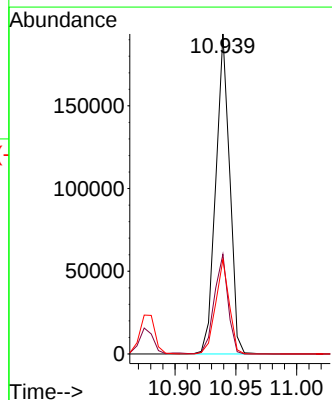
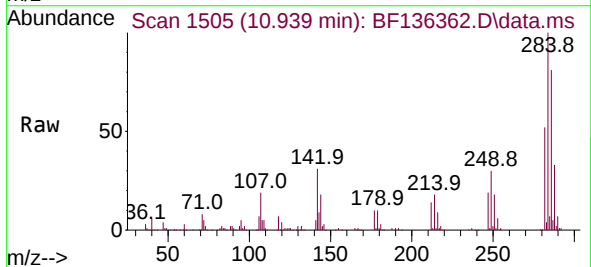
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

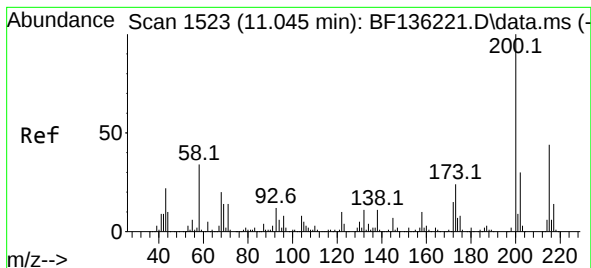
Tgt Ion:248 Resp: 141173
Ion Ratio Lower Upper
248 100
250 94.8 72.5 108.7
141 61.4 60.8 91.2



#68
Hexachlorobenzene
Concen: 42.011 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136362.D
Acq: 02 Dec 2023 05:43

Tgt Ion:284 Resp: 153531
Ion Ratio Lower Upper
284 100
142 31.2 19.8 29.8#
249 29.5 21.0 31.4





#69

Atrazine

Concen: 50.185 ng

RT: 11.033 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

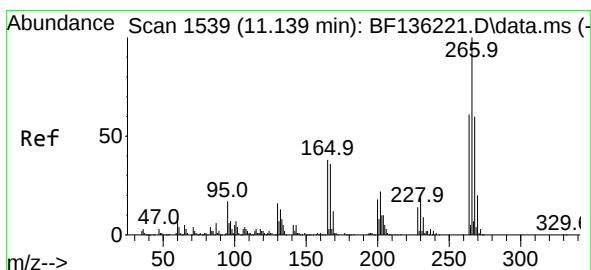
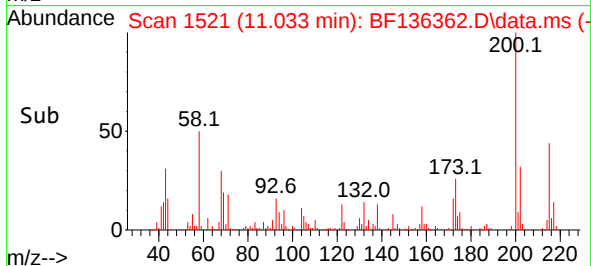
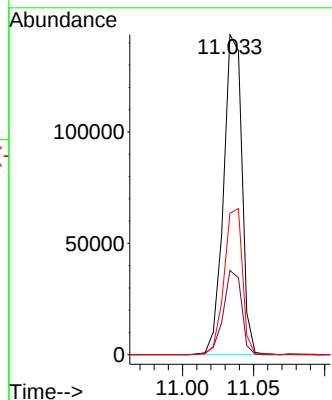
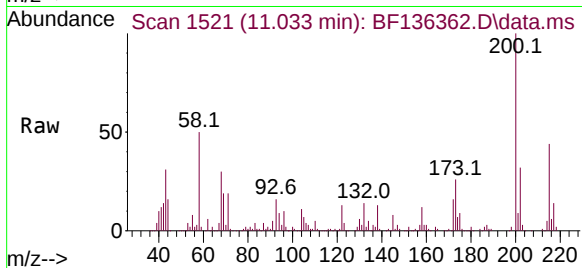
Tgt Ion:200 Resp: 129127

Ion Ratio Lower Upper

200 100

173 26.3 4.3 44.3

215 44.2 23.8 63.8



#70

Pentachlorophenol

Concen: 82.401 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

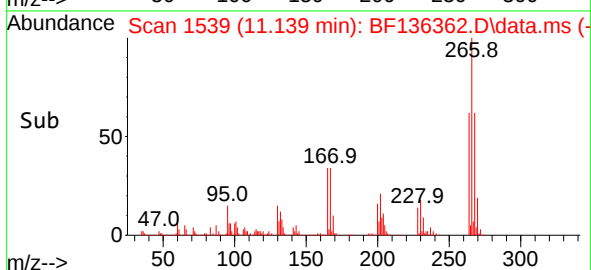
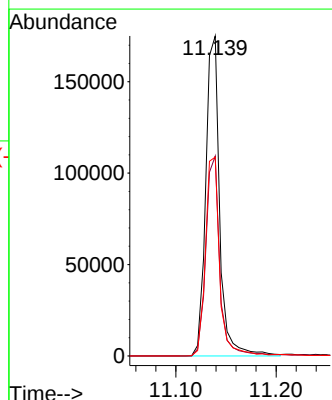
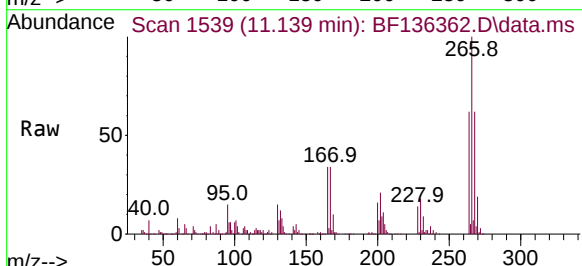
Tgt Ion:266 Resp: 170223

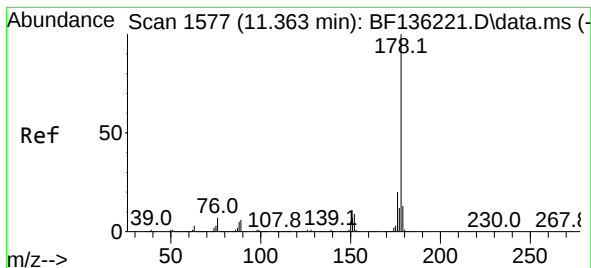
Ion Ratio Lower Upper

266 100

268 62.5 47.9 71.9

264 62.1 49.1 73.7





#71

Phenanthrene

Concen: 43.765 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

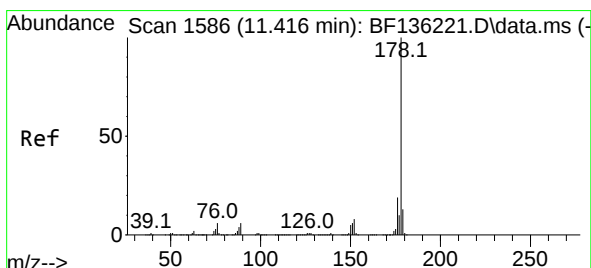
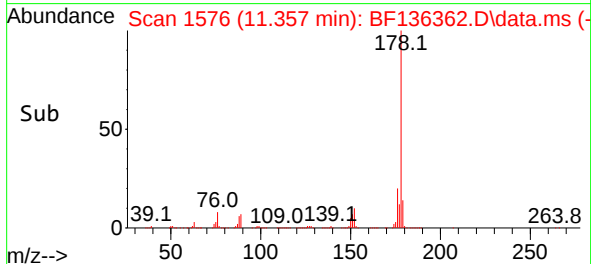
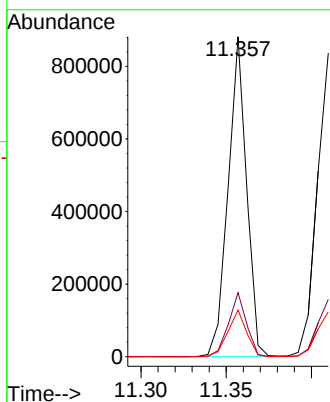
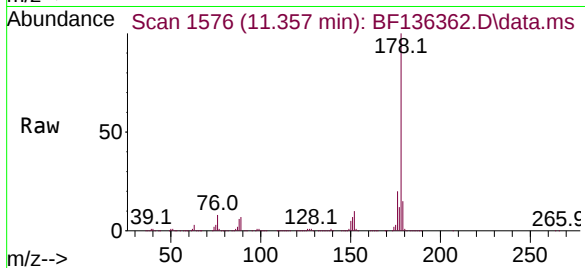
Tgt Ion:178 Resp: 665760

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

179 14.5 10.3 15.5



#72

Anthracene

Concen: 43.260 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

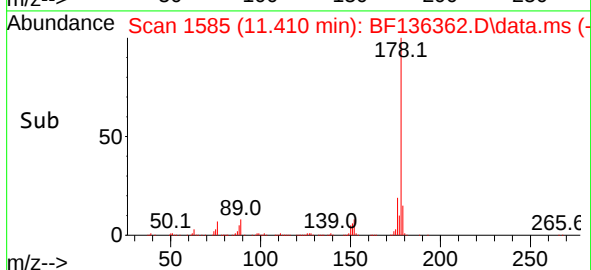
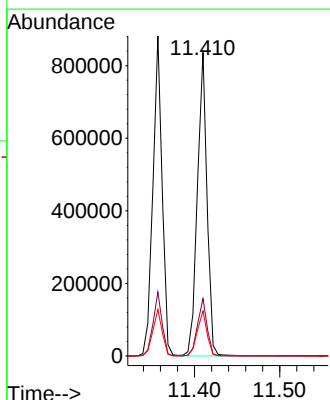
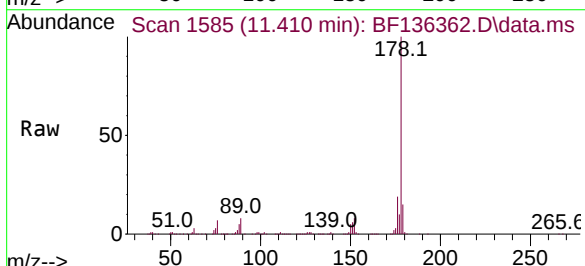
Tgt Ion:178 Resp: 659947

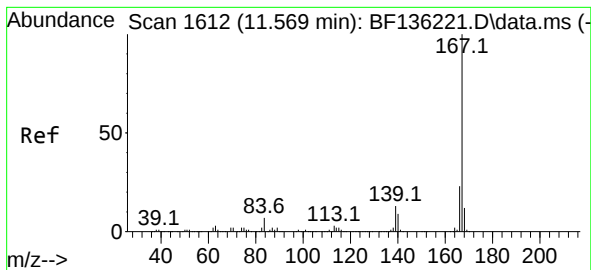
Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 14.8 10.5 15.7





#73

Carbazole

Concen: 44.925 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

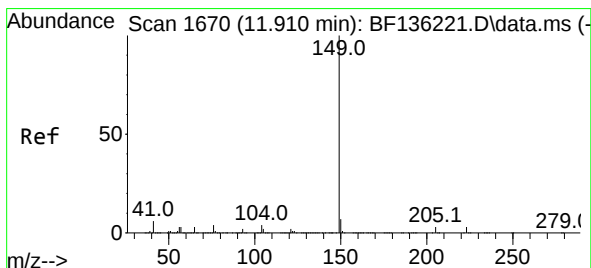
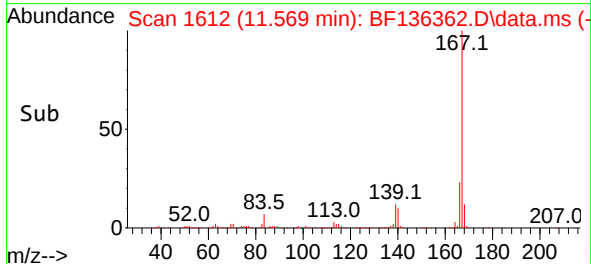
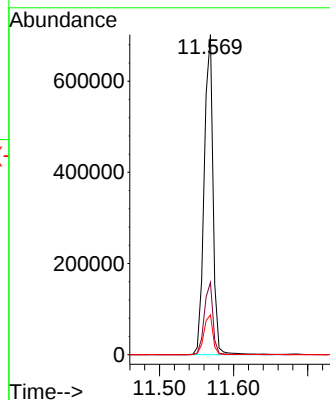
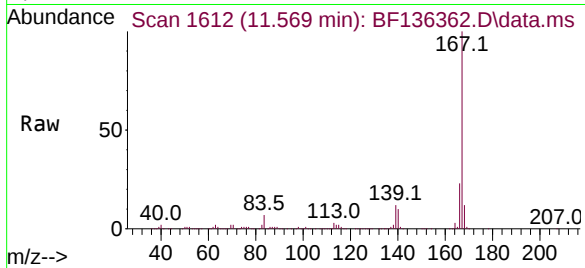
Tgt Ion:167 Resp: 582887

Ion Ratio Lower Upper

167 100

166 22.6 18.4 27.6

139 12.4 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.094 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

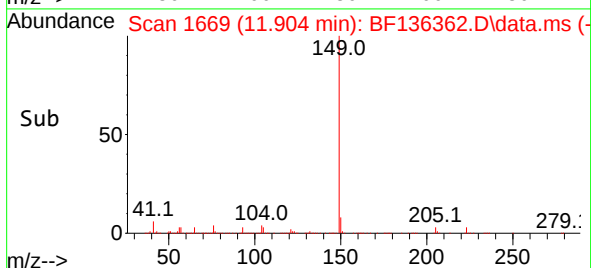
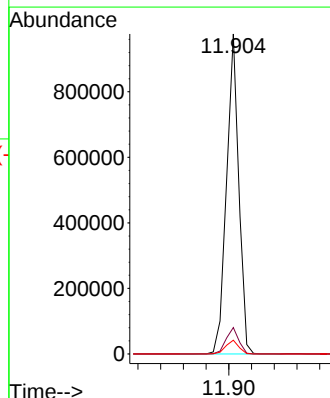
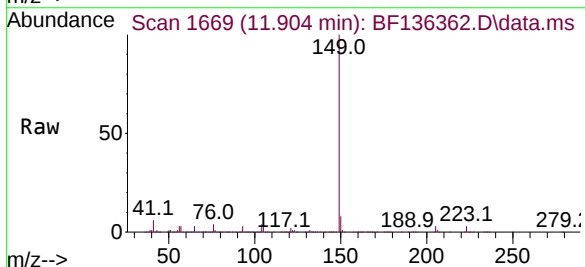
Tgt Ion:149 Resp: 732055

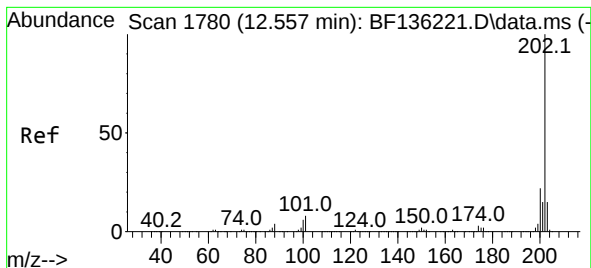
Ion Ratio Lower Upper

149 100

150 8.2 6.0 9.0

104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 48.363 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

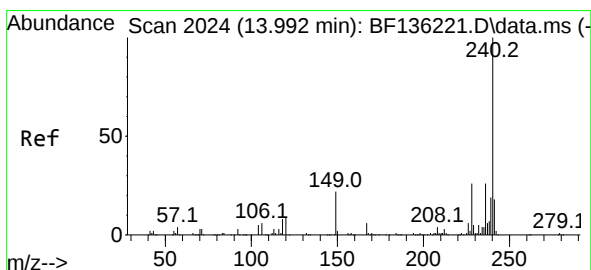
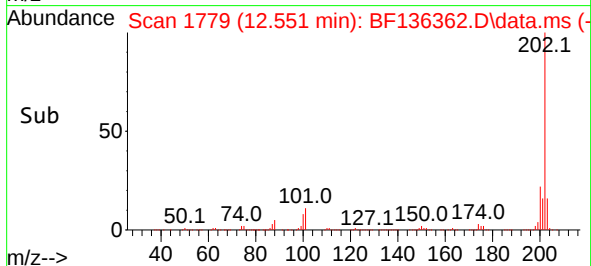
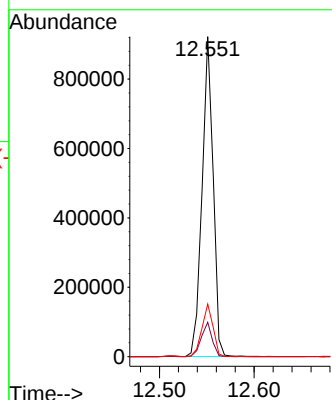
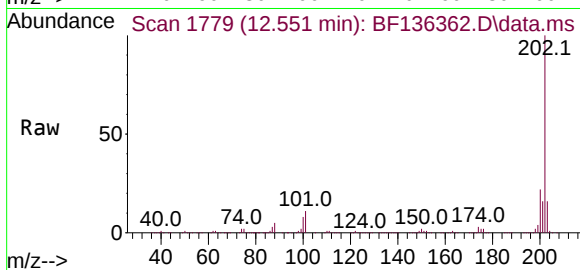
Tgt Ion:202 Resp: 746870

Ion Ratio Lower Upper

202 100

101 10.7 0.0 27.8

203 16.5 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

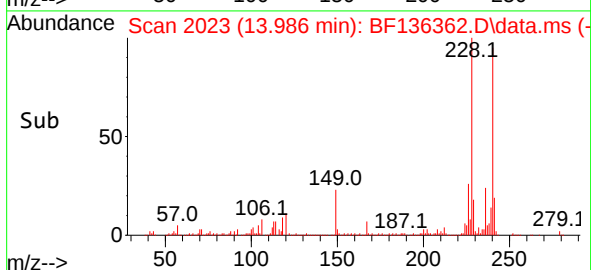
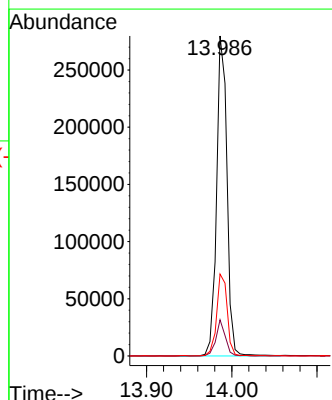
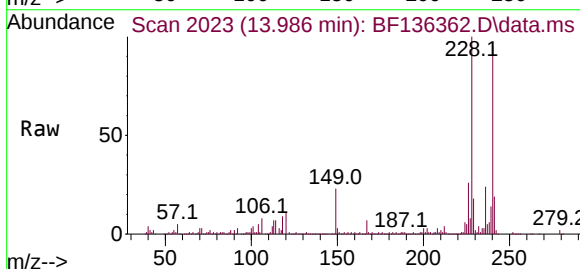
Tgt Ion:240 Resp: 237779

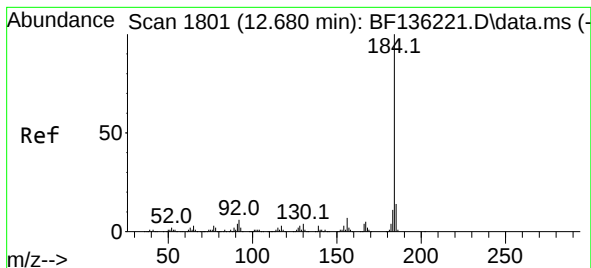
Ion Ratio Lower Upper

240 100

120 11.3 7.4 11.2#

236 25.6 21.1 31.7





#77

Benzidine

Concen: 44.701 ng

RT: 12.675 min Scan# 1800

Delta R.T. -0.005 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

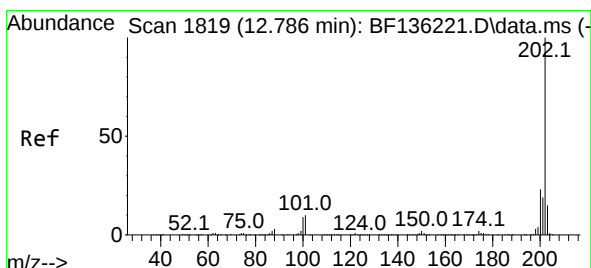
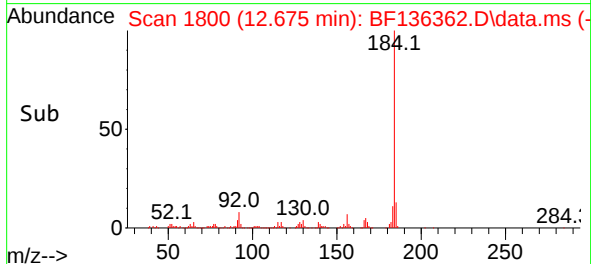
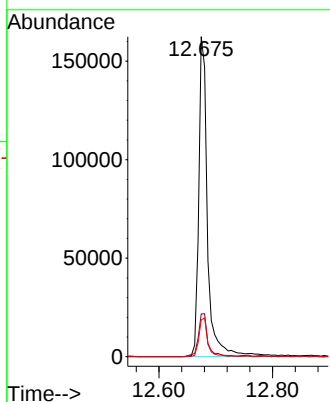
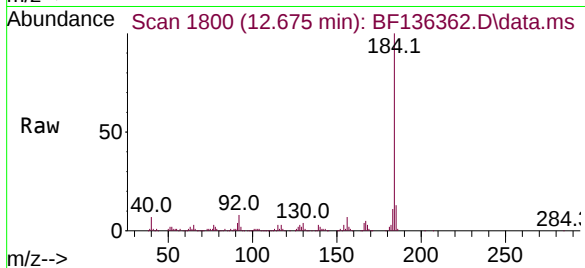
Tgt Ion:184 Resp: 174720

Ion Ratio Lower Upper

184 100

185 13.4 11.0 16.6

183 11.5 9.0 13.4



#78

Pyrene

Concen: 30.053 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

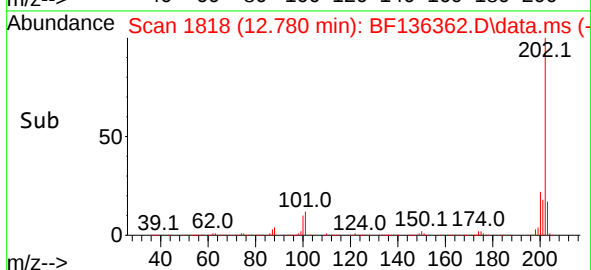
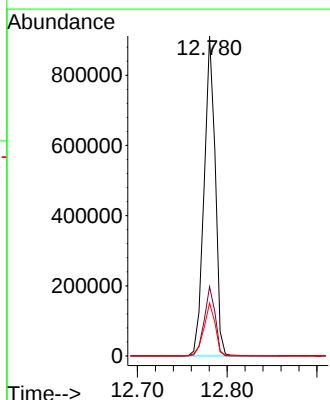
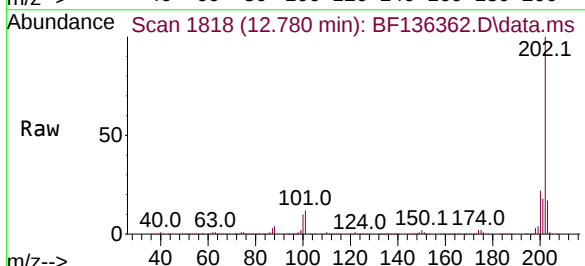
Tgt Ion:202 Resp: 782616

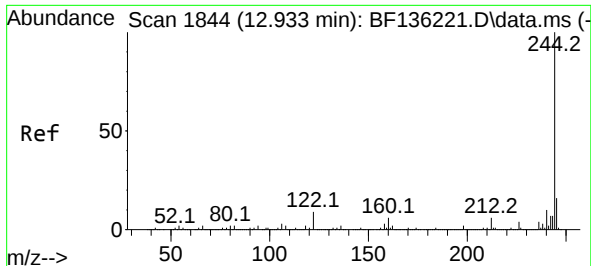
Ion Ratio Lower Upper

202 100

200 21.6 18.4 27.6

203 16.5 11.8 17.6

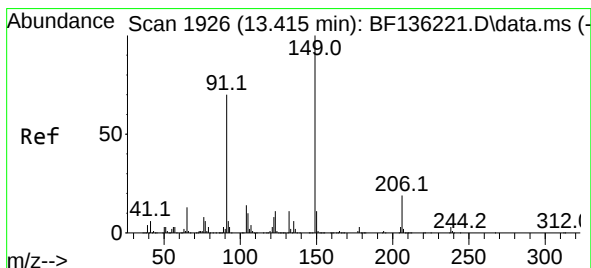
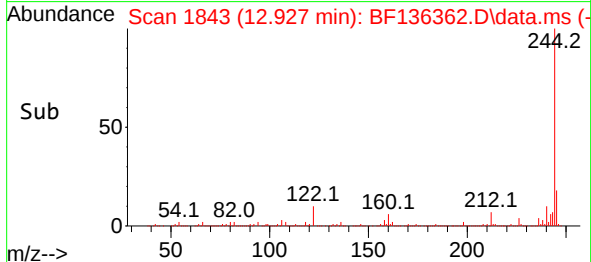
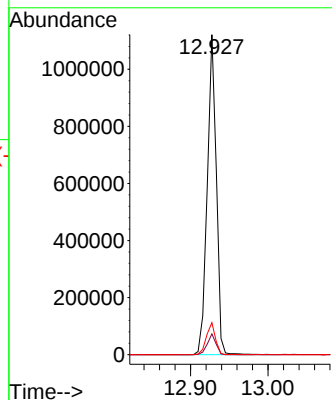
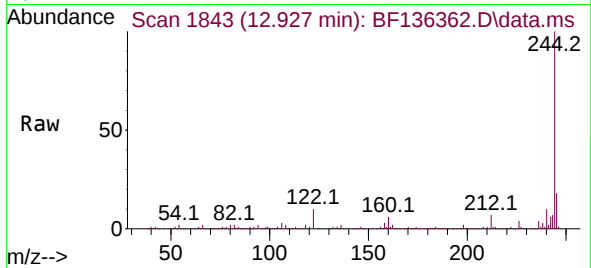




#79
 Terphenyl-d14
 Concen: 44.189 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136362.D
 Acq: 02 Dec 2023 05:43

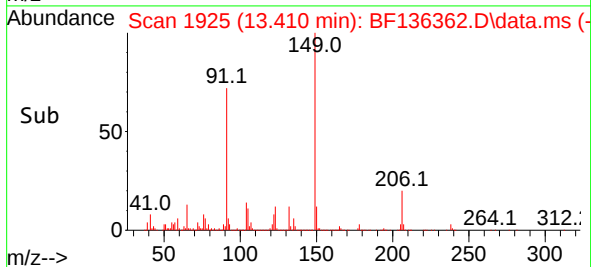
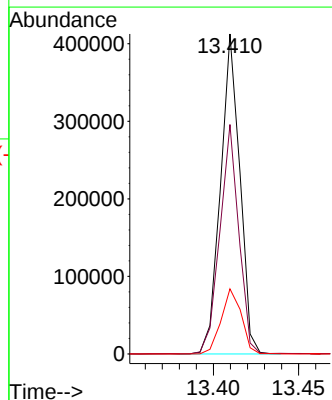
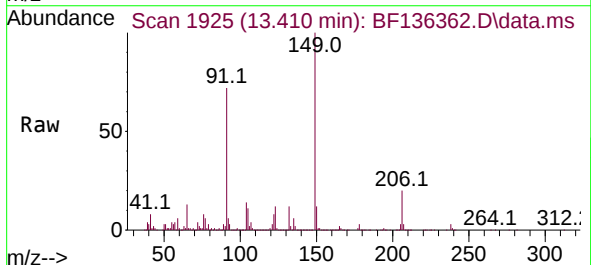
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

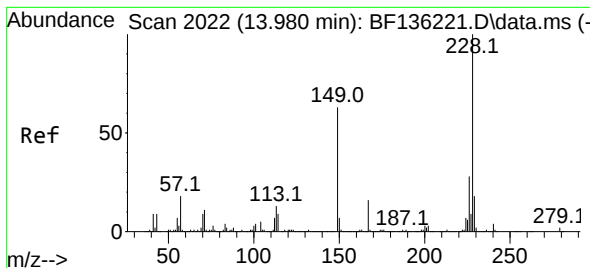
Tgt Ion:244 Resp: 910917
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.6 7.0
 122 10.0 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 40.145 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136362.D
 Acq: 02 Dec 2023 05:43

Tgt Ion:149 Resp: 325359
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.4 84.6
 206 20.3 14.8 22.2





#81

Benzo(a)anthracene

Concen: 42.057 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

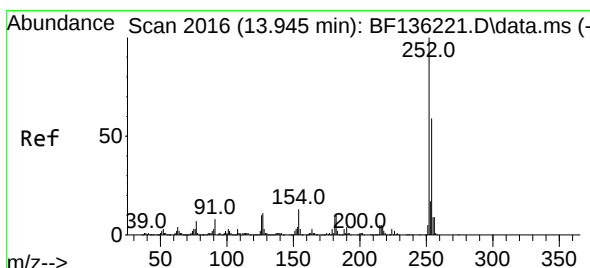
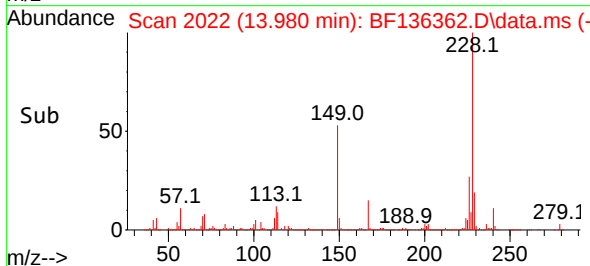
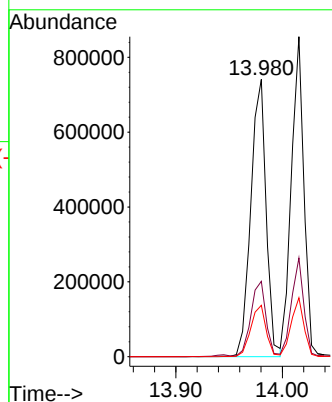
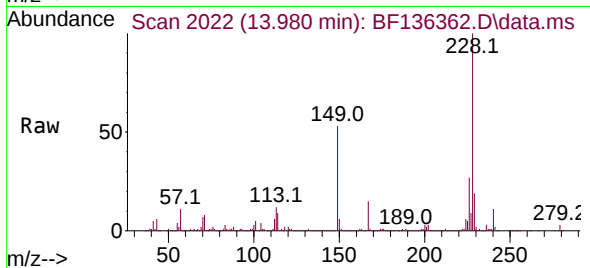
Tgt Ion:228 Resp: 742796

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

229 18.6 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 57.055 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

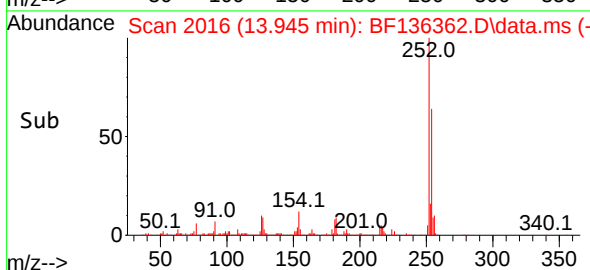
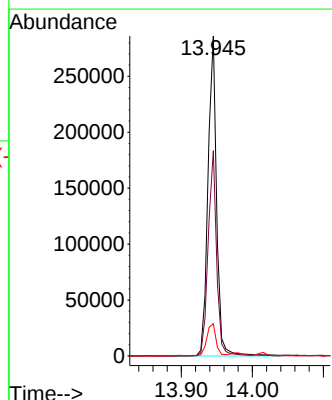
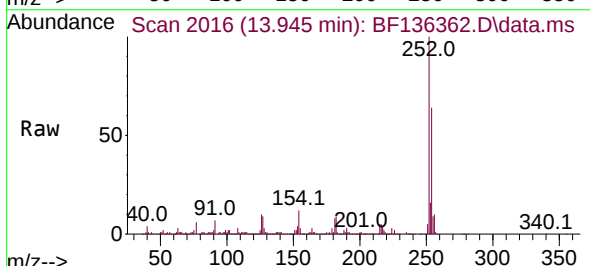
Tgt Ion:252 Resp: 242564

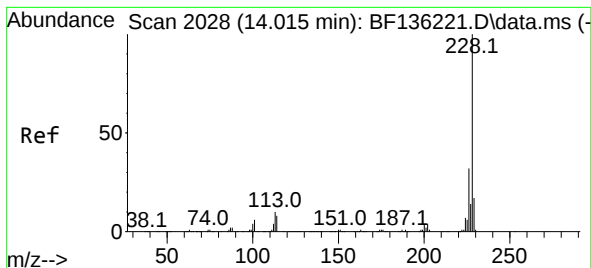
Ion Ratio Lower Upper

252 100

254 64.1 47.4 71.2

126 10.1 8.3 12.5





#83

Chrysene

Concen: 41.661 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

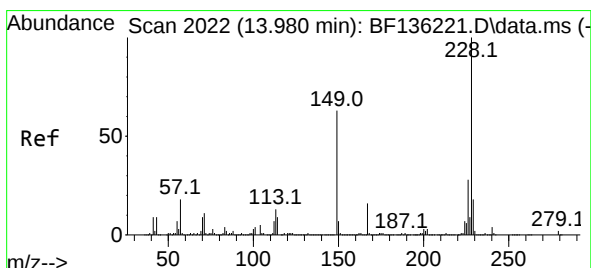
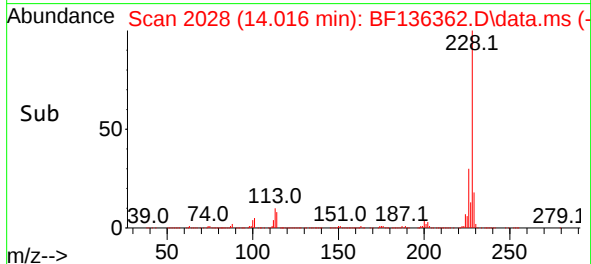
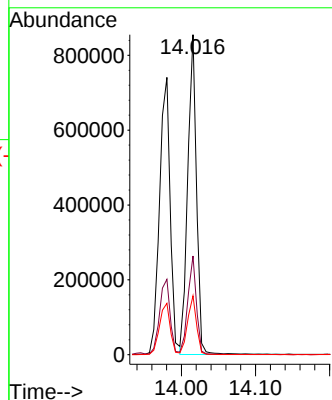
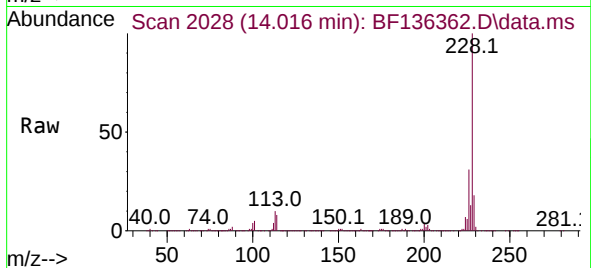
Tgt Ion:228 Resp: 710445

Ion Ratio Lower Upper

228 100

226 30.9 25.5 38.3

229 18.4 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.862 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

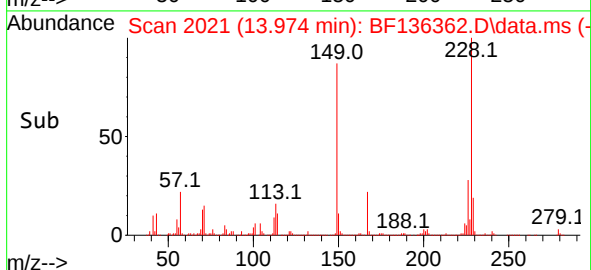
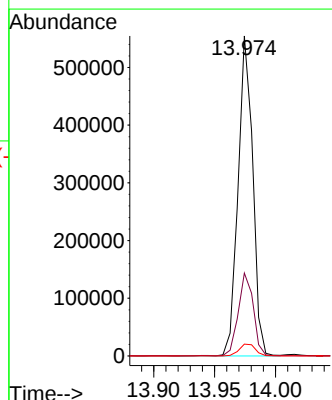
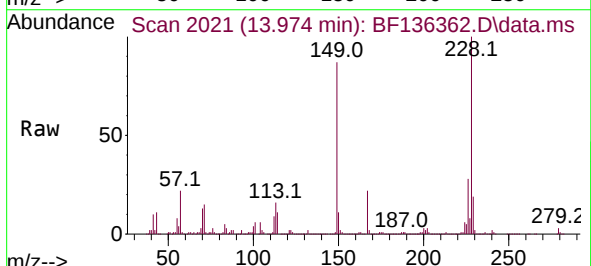
Tgt Ion:149 Resp: 465529

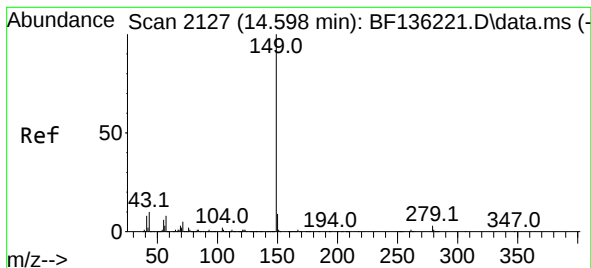
Ion Ratio Lower Upper

149 100

167 25.9 20.2 30.2

279 3.7 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 55.553 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

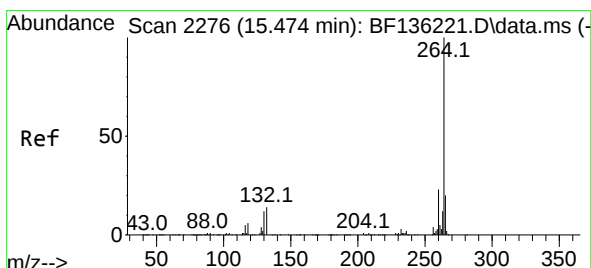
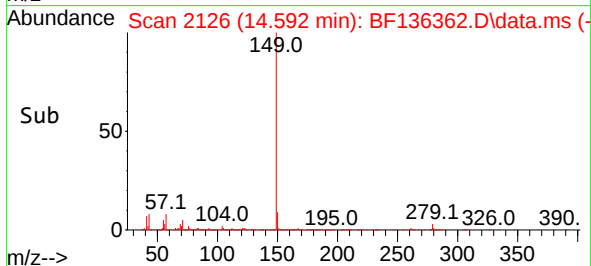
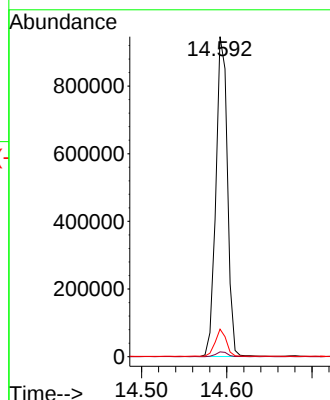
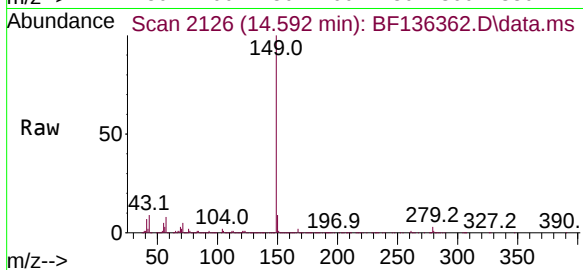
Tgt Ion:149 Resp: 891940

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.2 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

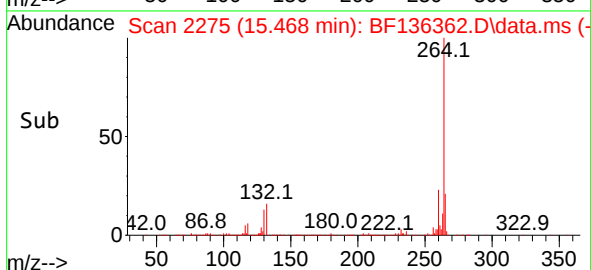
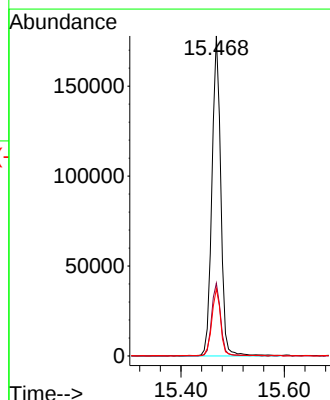
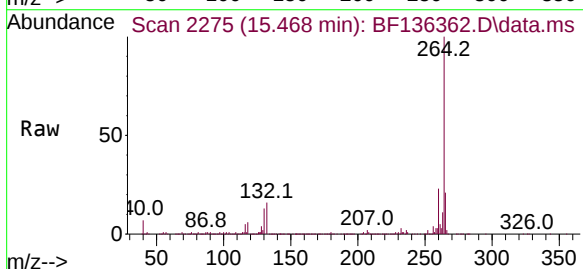
Tgt Ion:264 Resp: 211924

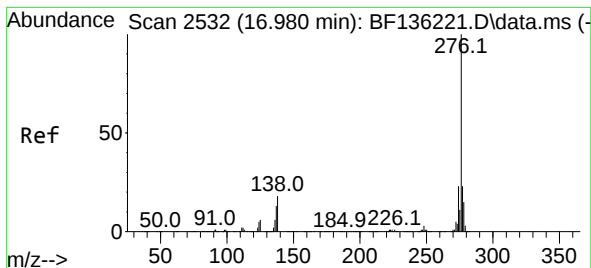
Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 21.0 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.565 ng

RT: 16.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

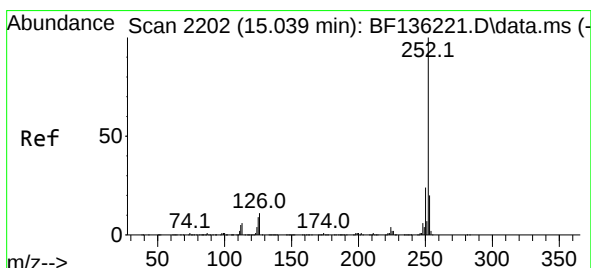
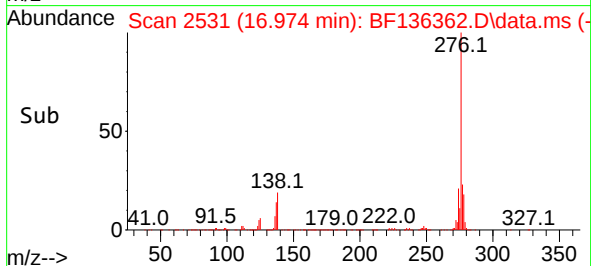
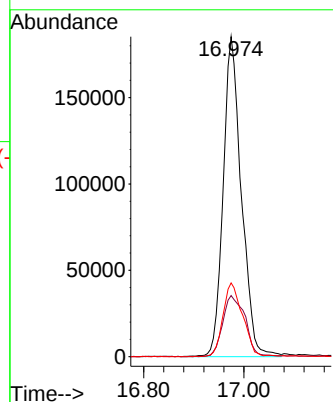
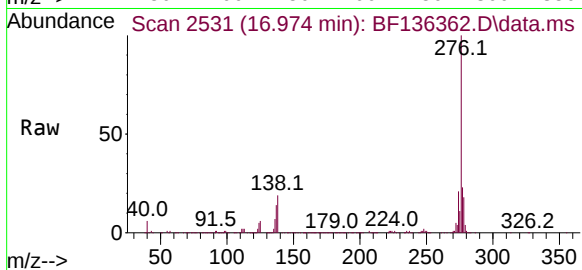
Tgt Ion:276 Resp: 467854

Ion Ratio Lower Upper

276 100

138 23.6 17.7 26.5

277 24.8 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 45.655 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

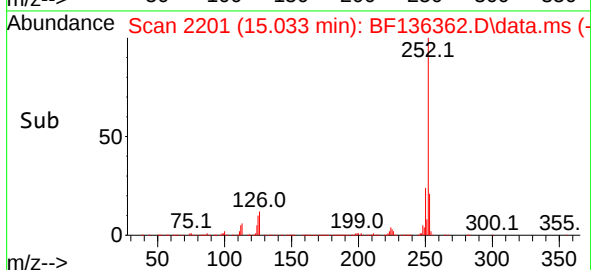
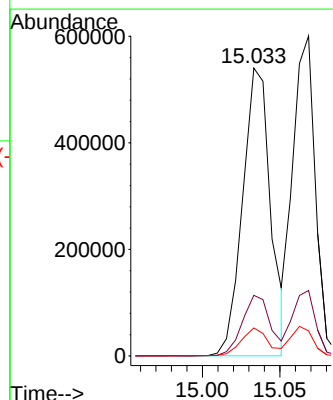
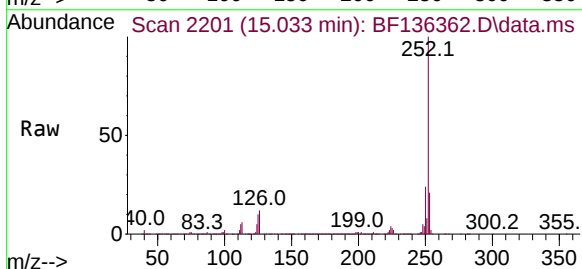
Tgt Ion:252 Resp: 678817

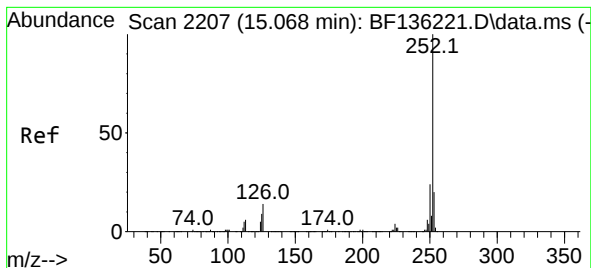
Ion Ratio Lower Upper

252 100

253 21.1 16.2 24.2

125 9.7 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 43.540 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

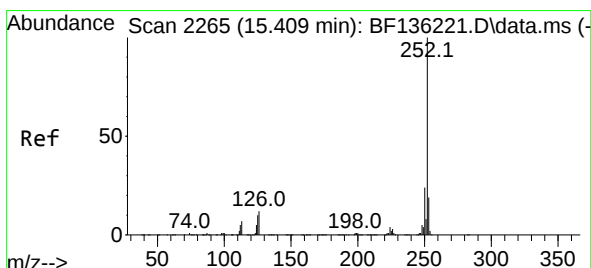
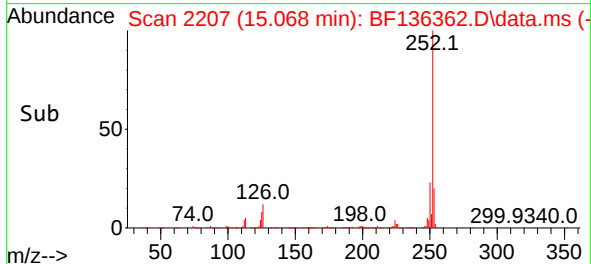
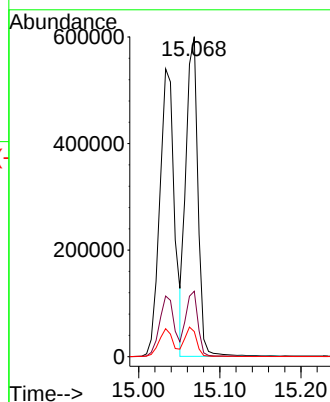
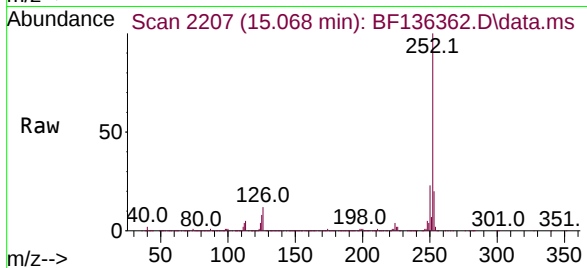
Tgt Ion:252 Resp: 614842

Ion Ratio Lower Upper

252 100

253 20.4 15.6 23.4

125 7.8 7.0 10.4



#90

Benzo(a)pyrene

Concen: 42.277 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

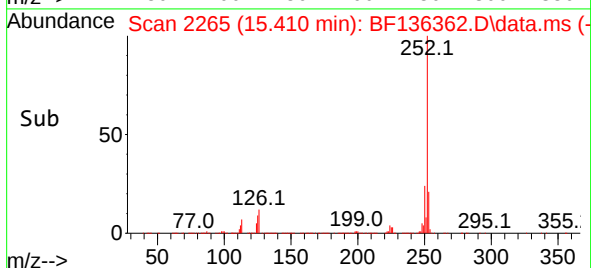
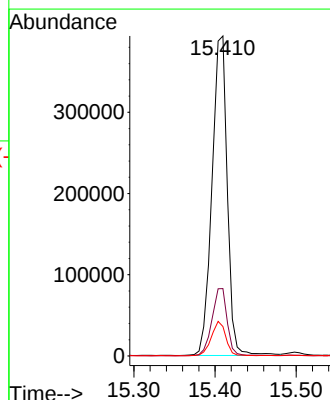
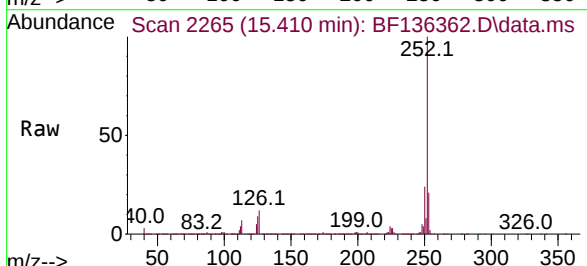
Tgt Ion:252 Resp: 513856

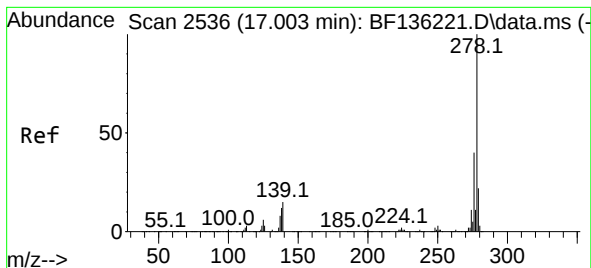
Ion Ratio Lower Upper

252 100

253 21.0 15.5 23.3

125 9.2 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 31.669 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

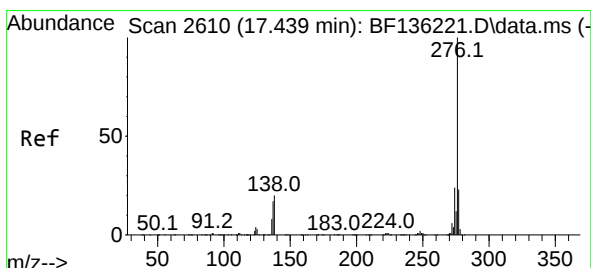
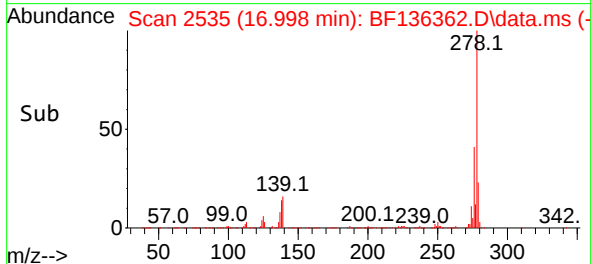
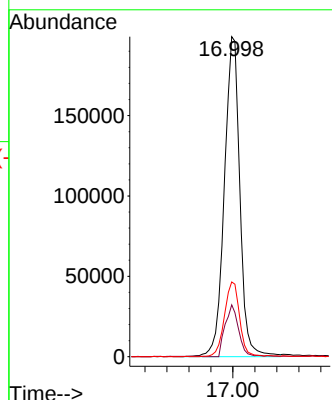
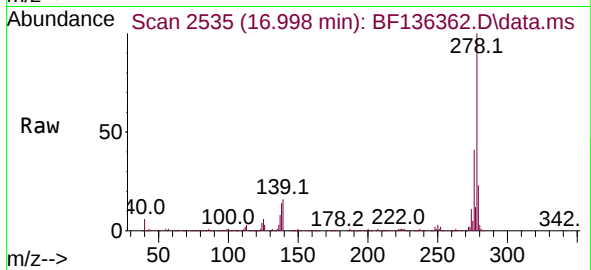
Tgt Ion:278 Resp: 390193

Ion Ratio Lower Upper

278 100

139 16.2 11.7 17.5

279 23.4 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 29.390 ng

RT: 17.433 min Scan# 2609

Delta R.T. -0.006 min

Lab File: BF136362.D

Acq: 02 Dec 2023 05:43

Tgt Ion:276 Resp: 365158

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 19.2 15.8 23.8

