

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139537.D
 Acq On : 25 Sep 2024 19:18
 Operator : RC/JU
 Sample : P4148-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILEMSD

Quant Time: Sep 26 01:27:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	62404	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	241477	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	134253	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	248273	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	116771	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	122873	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	622582	162.754	ng	0.02
7) Phenol-d6	6.516	99	782733	155.893	ng	0.01
23) Nitrobenzene-d5	7.445	82	601284	117.060	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	244411	171.002	ng	0.01
45) 2-Fluorobiphenyl	9.234	172	1099870	114.902	ng	0.00
79) Terphenyl-d14	12.986	244	1034141	145.364	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	86492	56.357	ng	# 76
3) Pyridine	3.540	79	221734	65.530	ng	96
4) n-Nitrosodimethylamine	3.475	42	162382	55.367	ng	# 82
6) Aniline	6.545	93	263479	69.535	ng	# 86
8) 2-Chlorophenol	6.669	128	252008	63.999	ng	98
9) Benzaldehyde	6.428	77	17689	6.098	ng	96
10) Phenol	6.534	94	304083	59.463	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	262715	67.592	ng	99
12) 1,3-Dichlorobenzene	6.822	146	255193	56.985	ng	98
13) 1,4-Dichlorobenzene	6.898	146	260587	57.583	ng	99
14) 1,2-Dichlorobenzene	7.045	146	251835	58.893	ng	97
15) Benzyl Alcohol	7.022	79	254782	63.603	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	449819	75.095	ng	88
17) 2-Methylphenol	7.134	107	203415	65.020	ng	99
18) Hexachloroethane	7.387	117	98487	57.138	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	203792	68.493	ng	96
20) 3+4-Methylphenols	7.287	107	259629	60.828	ng	# 85
22) Acetophenone	7.287	105	364352	57.715	ng	99
24) Nitrobenzene	7.463	77	305847	57.853	ng	98
25) Isophorone	7.698	82	547070	67.344	ng	99
26) 2-Nitrophenol	7.775	139	138891	67.435	ng	91
27) 2,4-Dimethylphenol	7.816	122	204763	75.368	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	314892	68.014	ng	98
29) 2,4-Dichlorophenol	8.022	162	223042	64.623	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	227685	56.617	ng	99
31) Naphthalene	8.181	128	762239	60.464	ng	99
32) Benzoic acid	7.940	122	148771	58.514	ng	91
33) 4-Chloroaniline	8.234	127	139212	36.097	ng	97
34) Hexachlorobutadiene	8.292	225	150693	55.155	ng	99
35) Caprolactam	8.610	113	48582	45.758	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	251815	63.839	ng	94
37) 2-Methylnaphthalene	8.875	142	512620	64.063	ng	99
38) 1-Methylnaphthalene	8.969	142	478139	60.864	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	240292	60.393	ng	99
41) Hexachlorocyclopentadiene	9.022	237	265367	191.015	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	171286	66.169	ng	100

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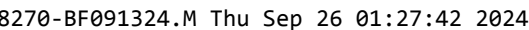
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	177565	65.029	ng	98
46) 1,1'-Biphenyl	9.339	154	649766	62.910	ng	99
47) 2-Chloronaphthalene	9.363	162	485438	62.860	ng	100
48) 2-Nitroaniline	9.463	65	193155	67.246	ng	98
49) Acenaphthylene	9.781	152	804426	69.199	ng	100
50) Dimethylphthalate	9.639	163	609359	69.154	ng	100
51) 2,6-Dinitrotoluene	9.704	165	131415	67.322	ng	92
52) Acenaphthene	9.951	154	560954	69.140	ng	100
53) 3-Nitroaniline	9.875	138	107340	55.023	ng	92
54) 2,4-Dinitrophenol	9.981	184	117278	107.820	ng	# 87
55) Dibenzofuran	10.122	168	734431	64.946	ng	96
56) 4-Nitrophenol	10.039	139	184783	114.472	ng	# 80
57) 2,4-Dinitrotoluene	10.104	165	181747	68.963	ng	100
58) Fluorene	10.463	166	592598	64.227	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	152602	67.559	ng	99
60) Diethylphthalate	10.339	149	623954	68.617	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	283153	63.147	ng	96
62) 4-Nitroaniline	10.486	138	133853	62.868	ng	89
63) Azobenzene	10.616	77	619078	69.220	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	81748	62.386	ng	91
66) n-Nitrosodiphenylamine	10.575	169	512068	70.546	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	172977	70.307	ng	98
68) Hexachlorobenzene	11.010	284	188205	65.179	ng	100
69) Atrazine	11.104	200	164679	95.297	ng	99
70) Pentachlorophenol	11.210	266	204085	117.790	ng	99
71) Phenanthrene	11.428	178	821295	68.566	ng	99
72) Anthracene	11.480	178	840087	71.733	ng	99
73) Carbazole	11.633	167	730994	65.216	ng	99
74) Di-n-butylphthalate	11.957	149	933881	74.792	ng	99
75) Fluoranthene	12.616	202	799895	62.533	ng	99
77) Benzidine	12.733	184	322922	193.021	ng	100
78) Pyrene	12.845	202	788055	78.598	ng	100
80) Butylbenzylphthalate	13.457	149	275554	80.742	ng	99
81) Benzo(a)anthracene	14.027	228	542529	70.141	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	150968	66.648	ng	98
83) Chrysene	14.069	228	504649	70.916	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	337242	77.679	ng	99
85) Di-n-octyl phthalate	14.627	149	517279	80.904	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	467294	63.957	ng	97
88) Benzo(b)fluoranthene	15.080	252	564393	74.478	ng	99
89) Benzo(k)fluoranthene	15.110	252	432678	61.925	ng	# 99
90) Benzo(a)pyrene	15.451	252	474801	75.547	ng	98
91) Dibenzo(a,h)anthracene	17.010	278	381713	63.224	ng	98
92) Benzo(g,h,i)perylene	17.433	276	324172	54.229	ng	# 96

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

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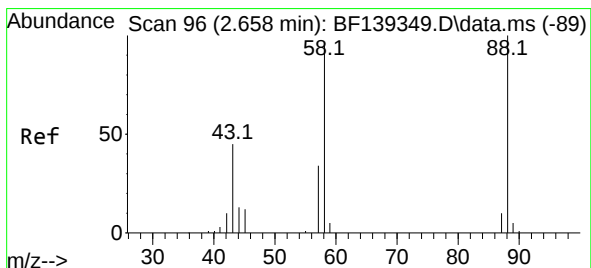
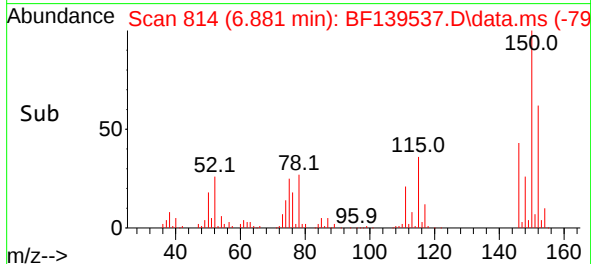
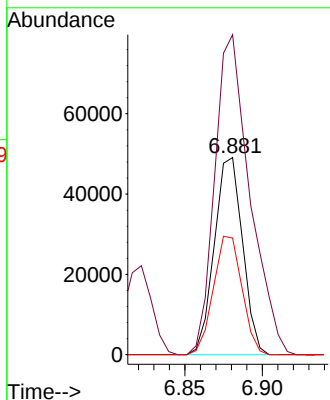
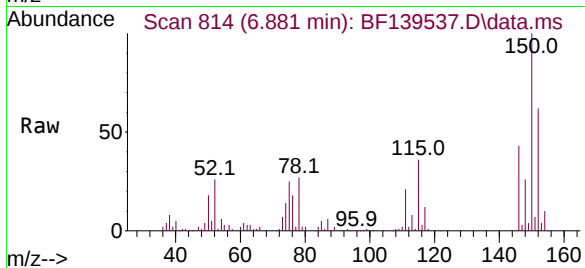




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139537.D
 Acq: 25 Sep 2024 19:18

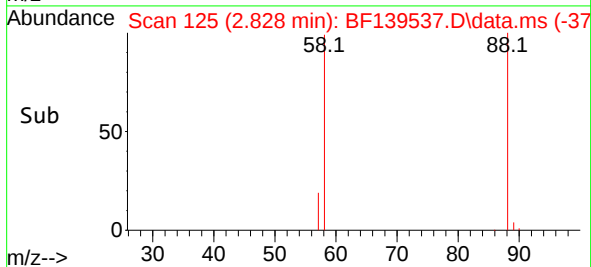
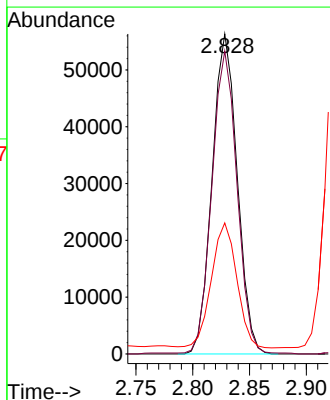
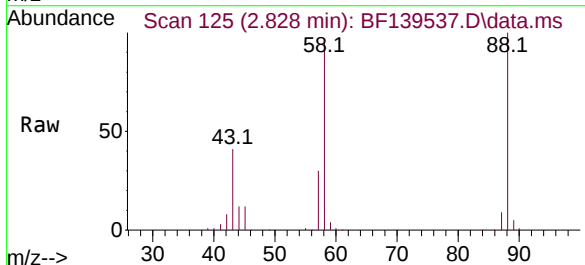
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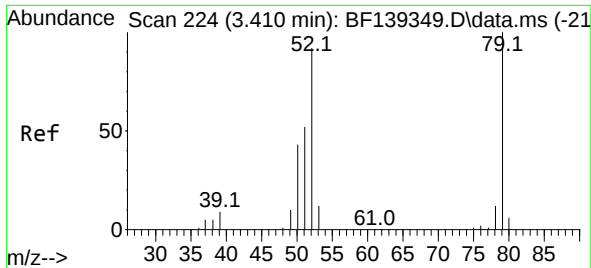
Tgt Ion:152 Resp: 62404
 Ion Ratio Lower Upper
 152 100
 150 162.3 124.1 186.1
 115 59.1 48.1 72.1



#2
 1,4-Dioxane
 Concen: 56.357 ng
 RT: 2.828 min Scan# 125
 Delta R.T. 0.171 min
 Lab File: BF139537.D
 Acq: 25 Sep 2024 19:18

Tgt Ion: 88 Resp: 86492
 Ion Ratio Lower Upper
 88 100
 58 95.6 74.8 112.2
 43 0.0 36.4 54.6#





#3

Pyridine

Concen: 65.530 ng

RT: 3.540 min Scan# 246

Delta R.T. 0.129 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

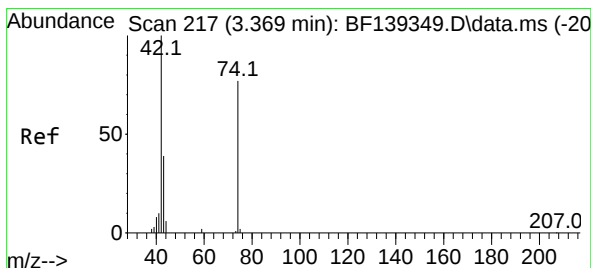
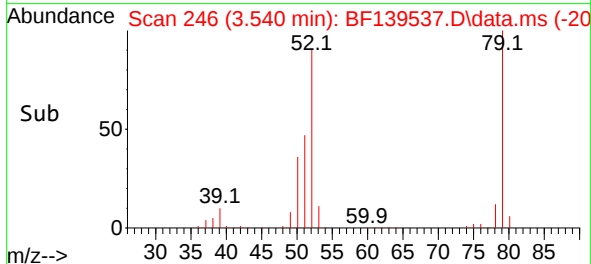
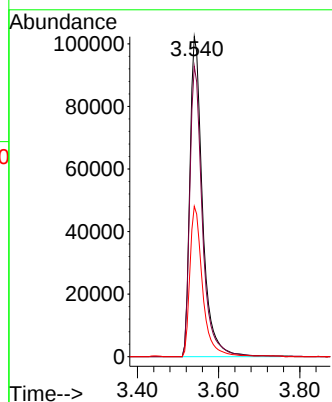
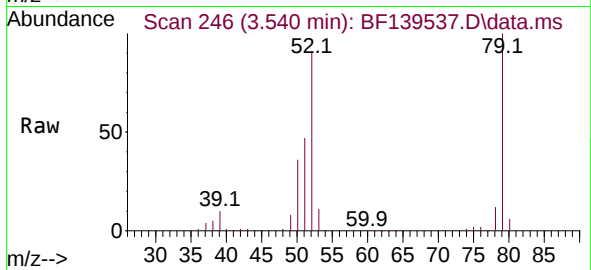
Tgt Ion: 79 Resp: 221734

Ion Ratio Lower Upper

79 100

52 90.8 73.8 110.8

51 47.0 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 55.367 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.106 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

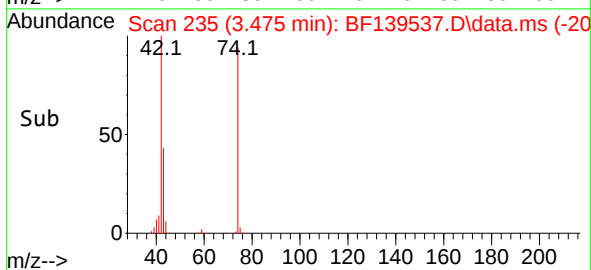
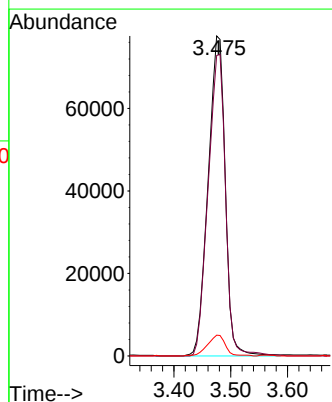
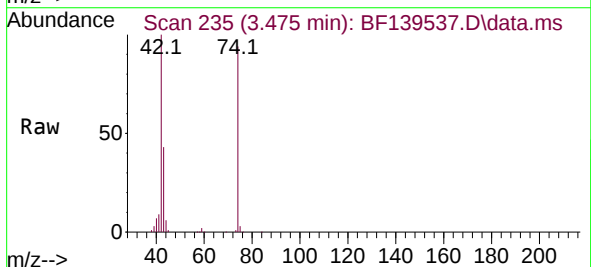
Tgt Ion: 42 Resp: 162382

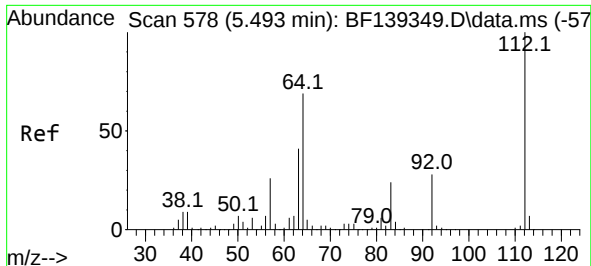
Ion Ratio Lower Upper

42 100

74 93.9 61.8 92.8#

44 6.5 4.8 7.2

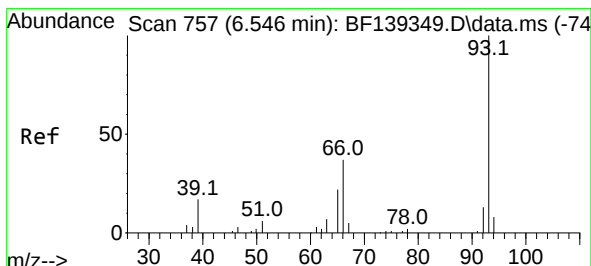
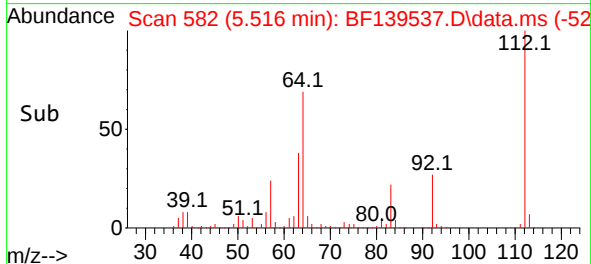
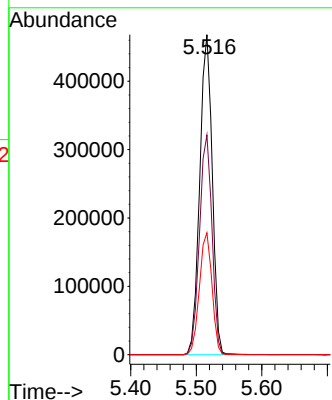
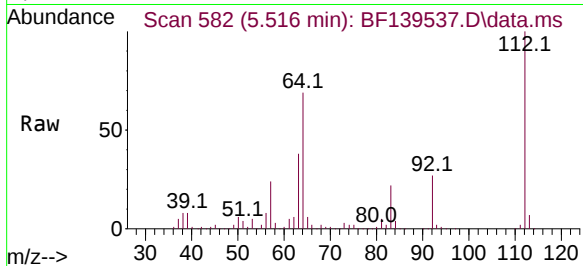




#5
2-Fluorophenol
Concen: 162.754 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

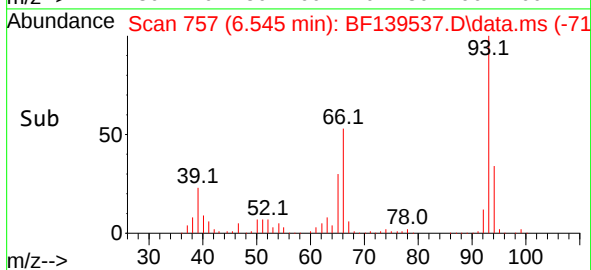
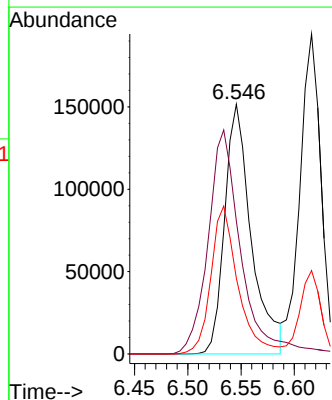
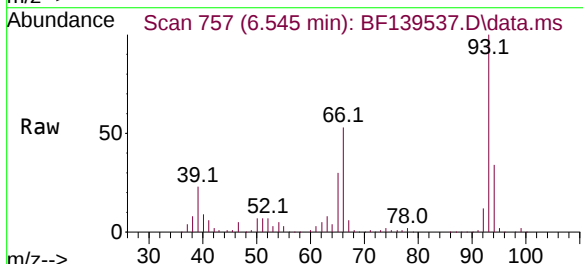
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Tgt Ion:112 Resp: 622582
Ion Ratio Lower Upper
112 100
64 68.6 54.8 82.2
63 38.1 33.0 49.4



#6
Aniline
Concen: 69.535 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion: 93 Resp: 263479
Ion Ratio Lower Upper
93 100
66 53.2 35.4 53.0#
65 30.3 18.2 27.4#

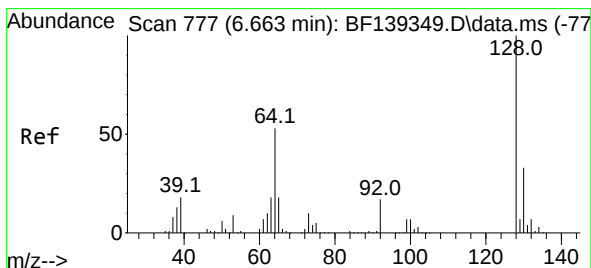
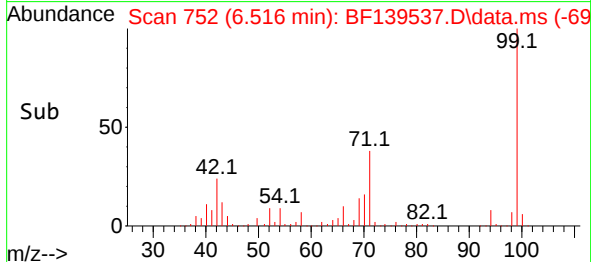
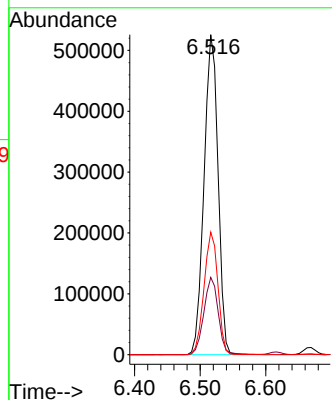
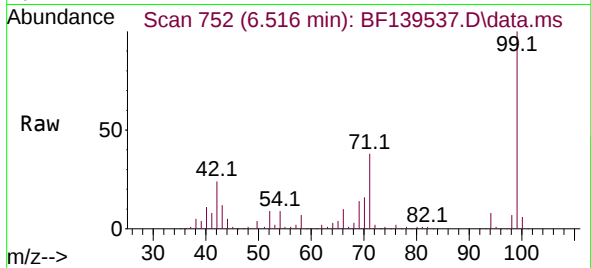




#7
Phenol-d6
Concen: 155.893 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

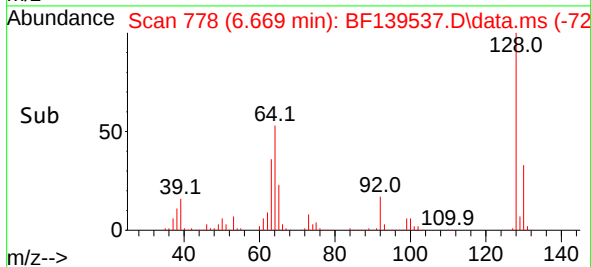
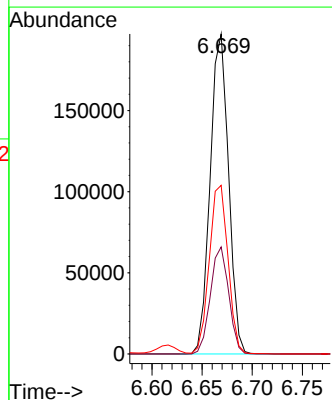
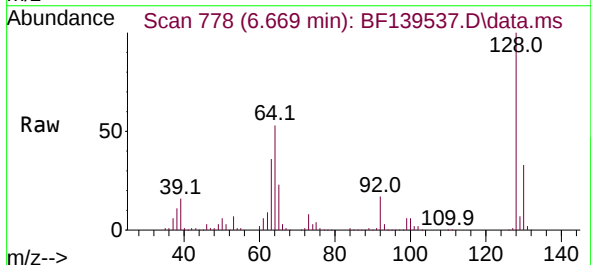
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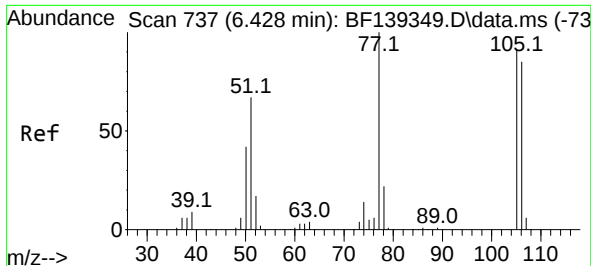
Tgt Ion: 99 Resp: 782733
Ion Ratio Lower Upper
99 100
42 24.1 21.9 32.9
71 38.3 34.6 52.0



#8
2-Chlorophenol
Concen: 63.999 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion: 128 Resp: 252008
Ion Ratio Lower Upper
128 100
130 33.4 12.8 52.8
64 52.7 35.1 75.1

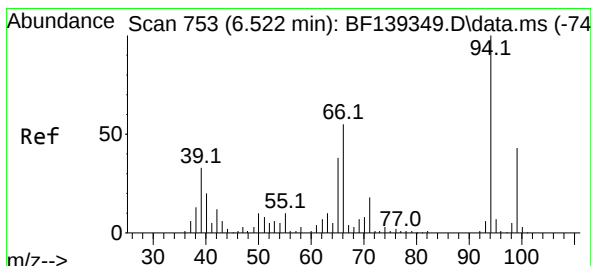
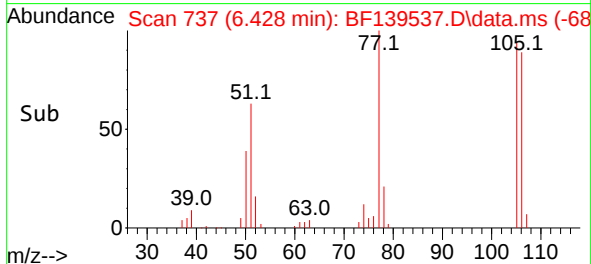
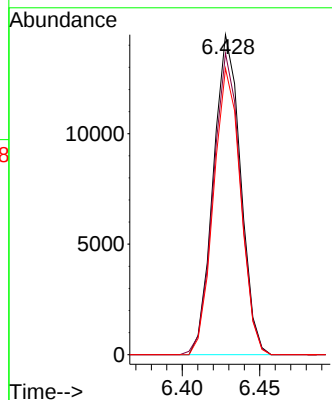
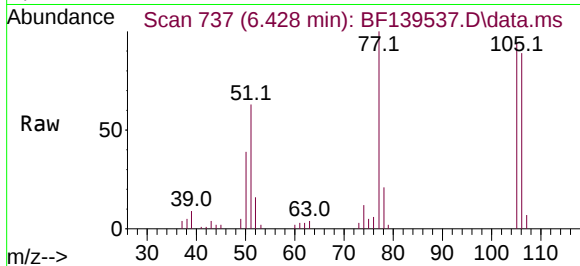




#9
Benzaldehyde
Concen: 6.098 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

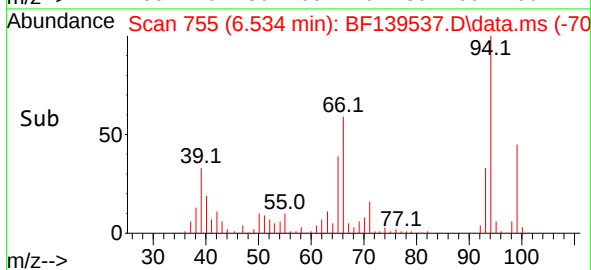
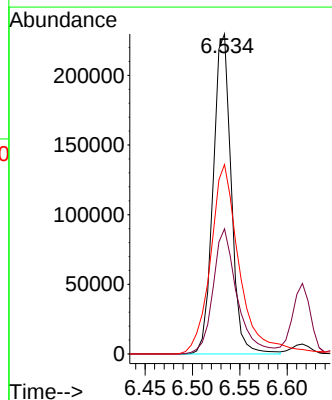
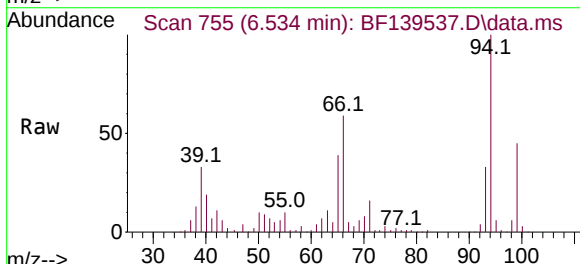
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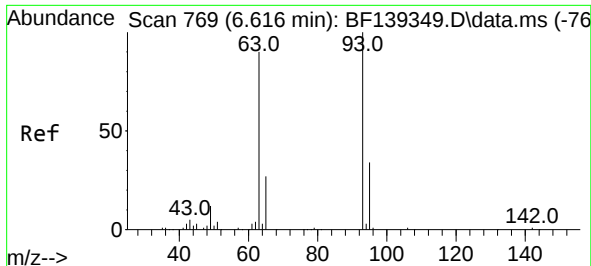
Tgt Ion: 77 Resp: 17689
Ion Ratio Lower Upper
77 100
105 94.2 71.0 111.0
106 89.5 64.9 104.9



#10
Phenol
Concen: 59.463 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF139537.D
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Tgt Ion: 94 Resp: 304083
Ion Ratio Lower Upper
94 100
65 39.1 17.6 57.6
66 59.2 35.2 75.2

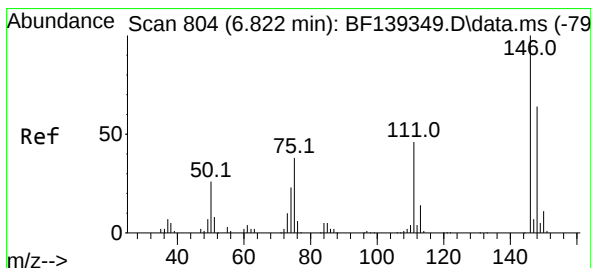
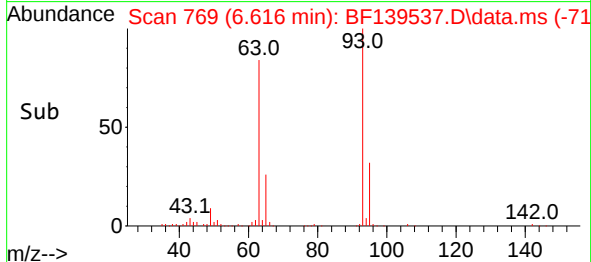
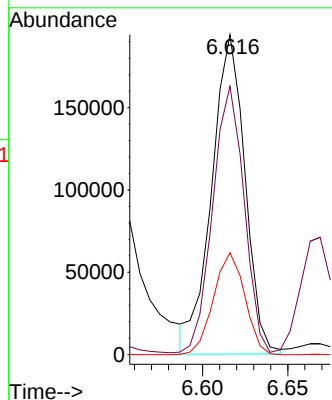
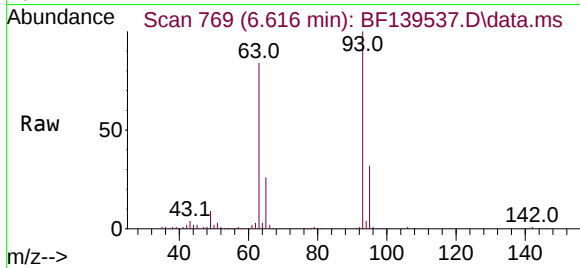




#11
bis(2-Chloroethyl)ether
Concen: 67.592 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

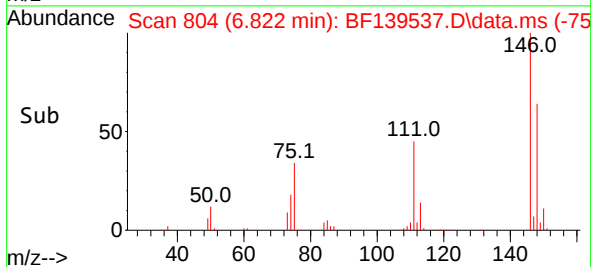
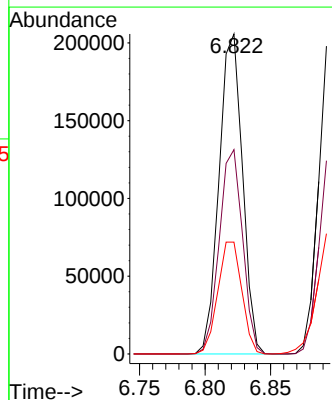
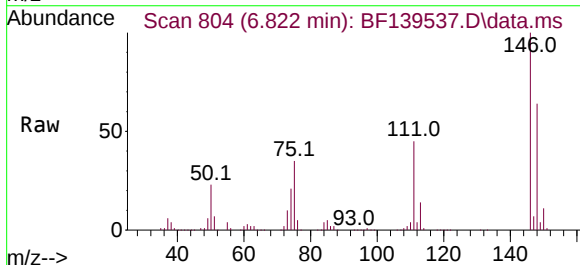
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion: 93 Resp: 262715
Ion Ratio Lower Upper
93 100
63 83.9 65.3 105.3
95 31.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 56.985 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion: 146 Resp: 255193
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 34.9 30.6 46.0

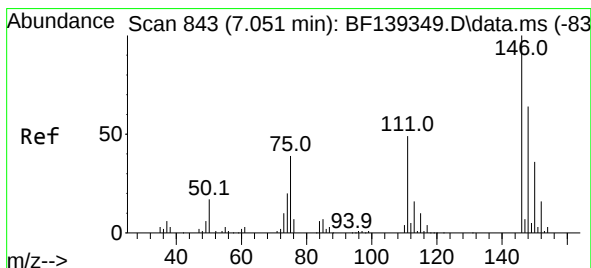
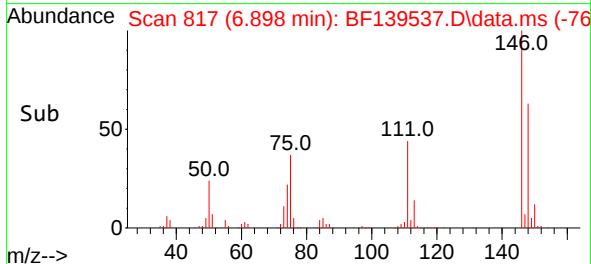
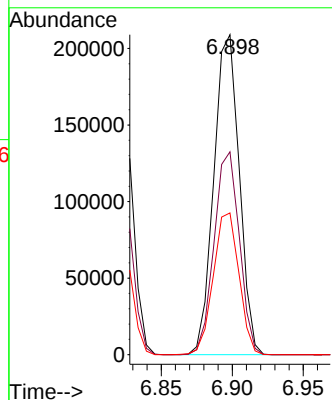
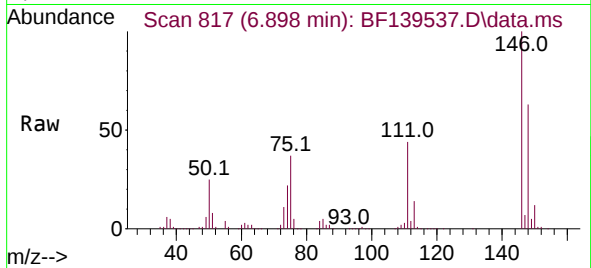




#13
1,4-Dichlorobenzene
Concen: 57.583 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

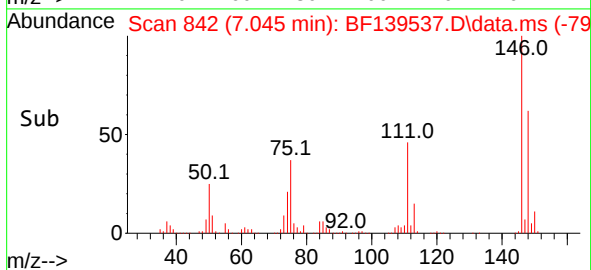
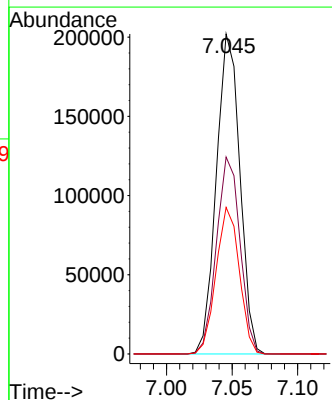
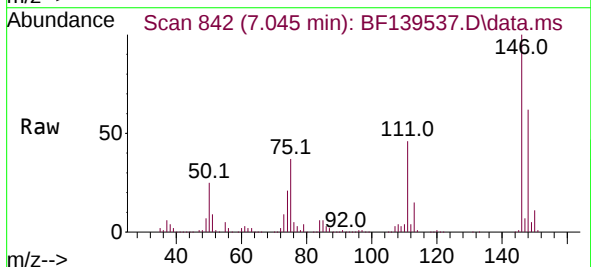
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

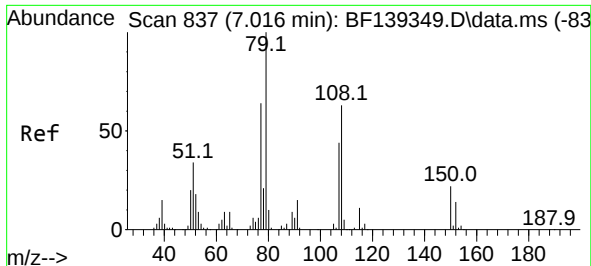
Tgt Ion:146 Resp: 260587
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
111 44.3 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 58.893 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:146 Resp: 251835
Ion Ratio Lower Upper
146 100
148 61.6 50.9 76.3
111 45.8 38.9 58.3

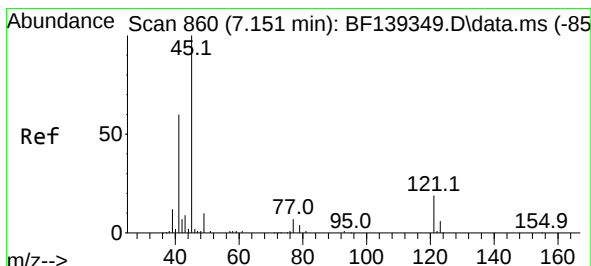
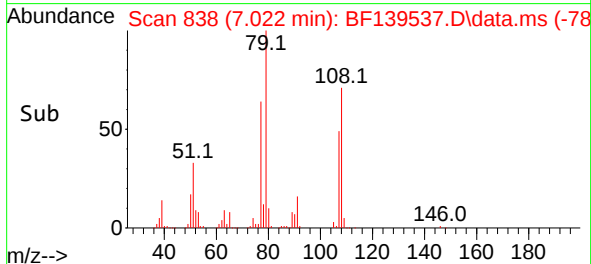
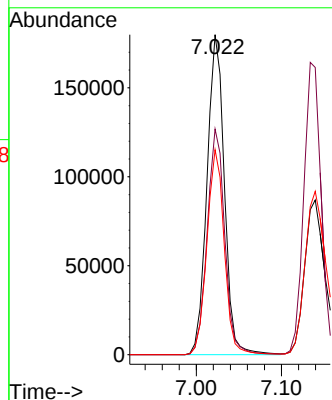
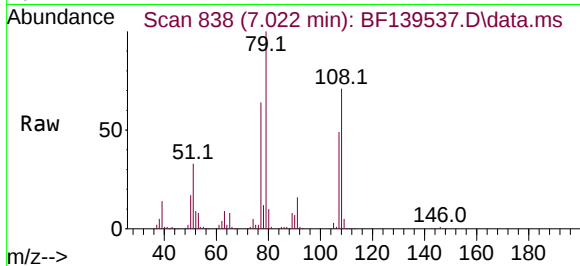




#15
Benzyl Alcohol
Concen: 63.603 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

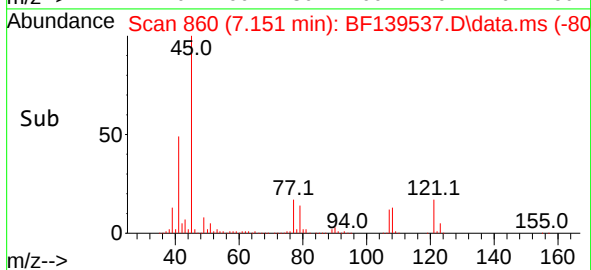
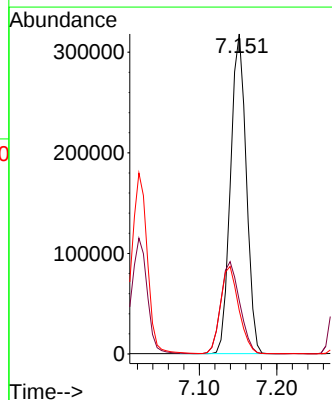
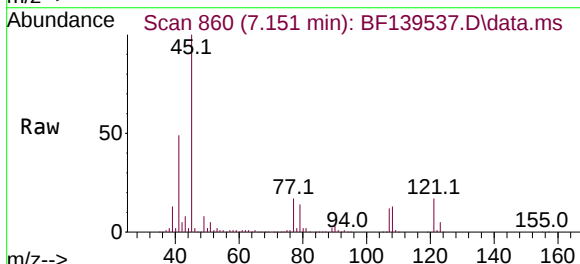
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

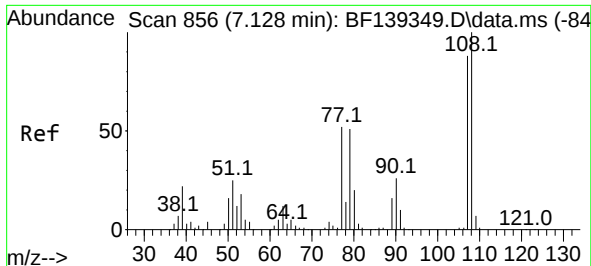
Tgt Ion: 79 Resp: 254782
Ion Ratio Lower Upper
79 100
108 70.5 50.4 75.6
77 64.1 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.095 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion: 45 Resp: 449819
Ion Ratio Lower Upper
45 100
77 16.7 0.0 32.0
79 13.6 0.0 29.1

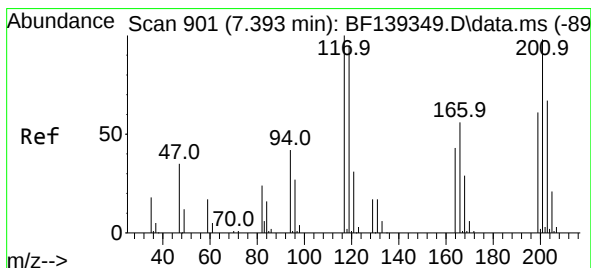
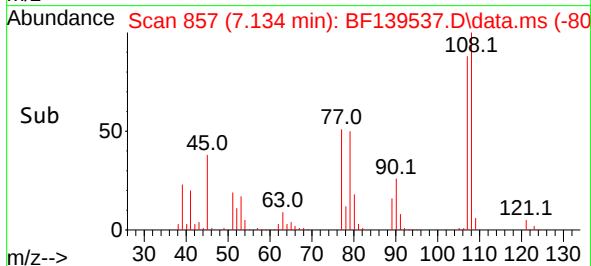
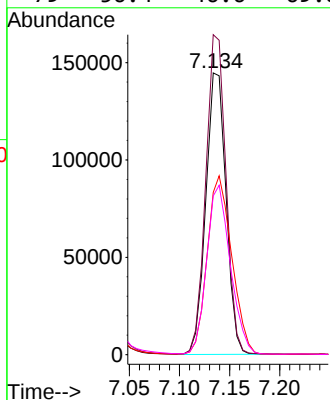
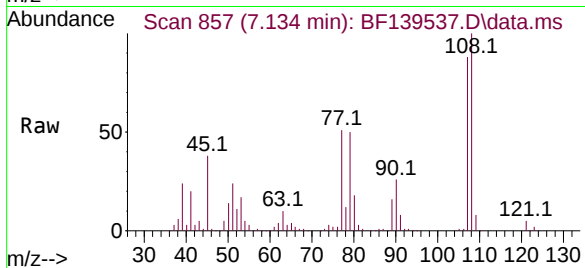




#17
2-Methylphenol
Concen: 65.020 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

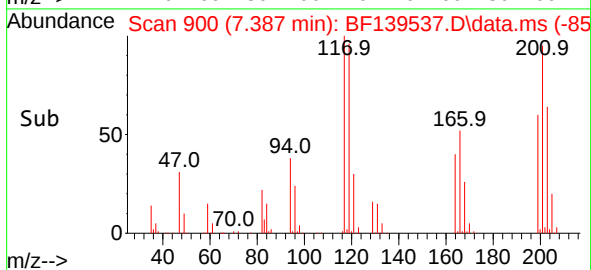
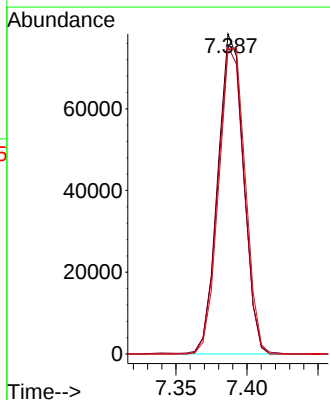
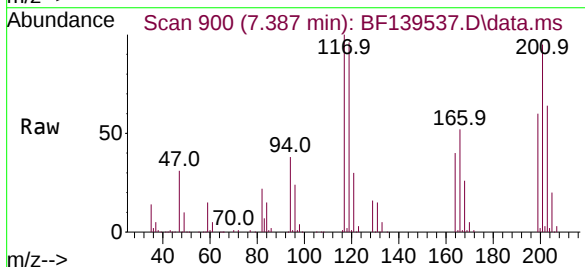
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

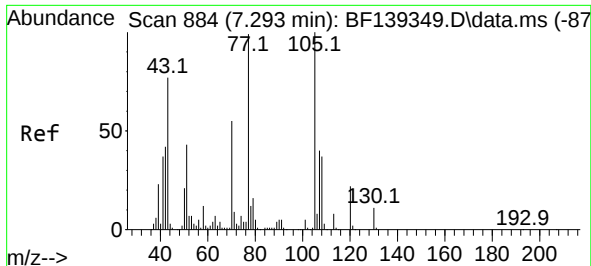
Tgt Ion:	107	Resp:	203415
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.5	135.7
77	57.6	47.1	70.7
79	56.4	46.6	69.8



#18
Hexachloroethane
Concen: 57.138 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:	117	Resp:	98487
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	95.1	78.6	118.0



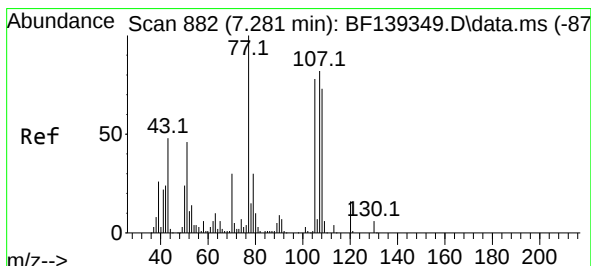
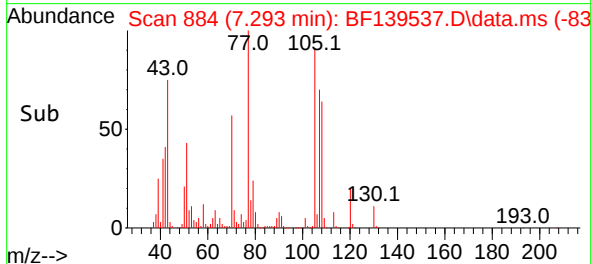
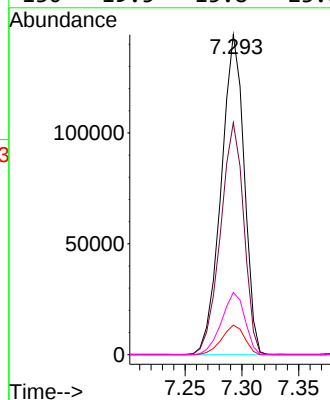
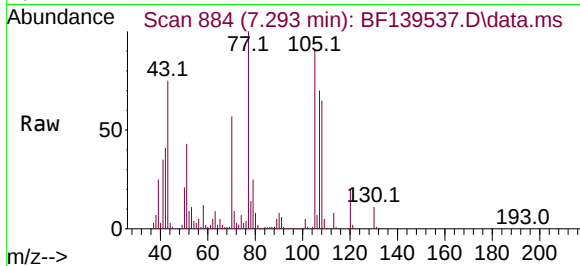


#19
n-Nitroso-di-n-propylamine
Concen: 68.493 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion: 70 Resp: 203792

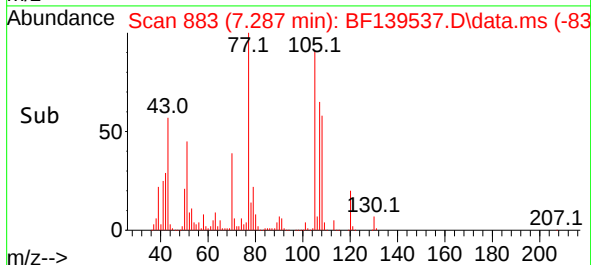
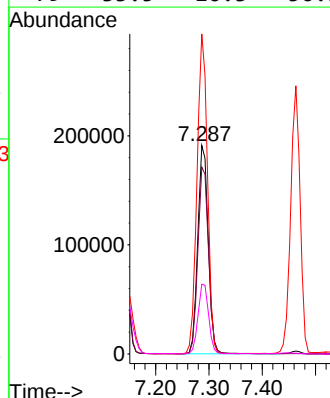
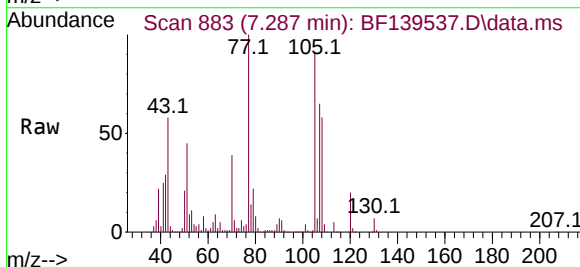
Ion	Ratio	Lower	Upper
70	100		
42	72.5	61.2	91.8
101	9.3	7.5	11.3
130	19.5	15.8	23.8

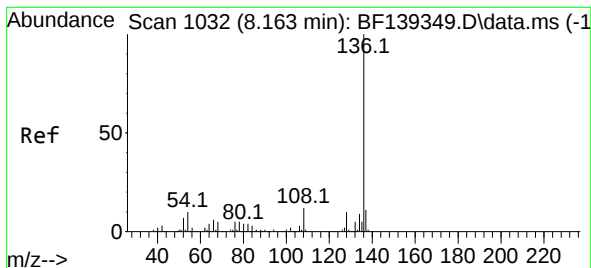


#20
3+4-Methylphenols
Concen: 60.828 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion: 107 Resp: 259629

Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.6	108.6
77	153.5	101.6	141.6#
79	33.5	16.3	56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion:136 Resp: 241477

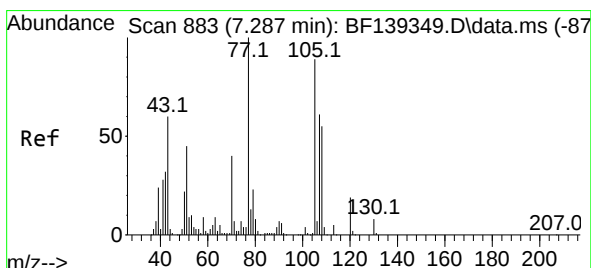
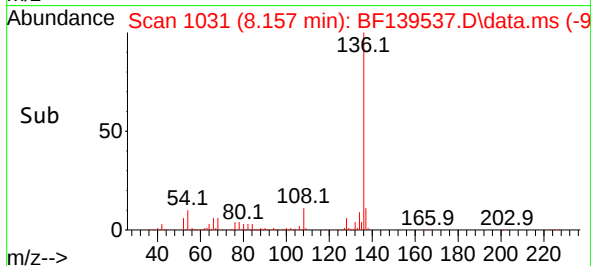
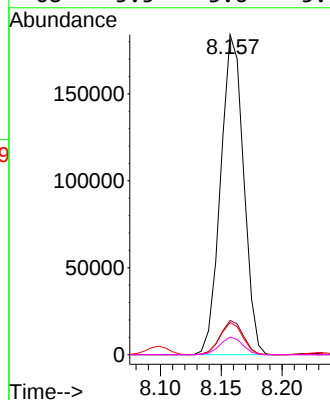
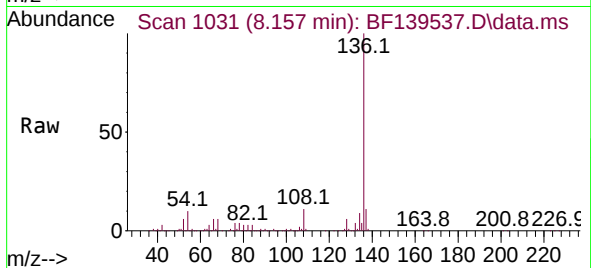
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 10.0 7.8 11.8

68 5.5 3.6 5.4#



#22

Acetophenone

Concen: 57.715 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Tgt Ion:105 Resp: 364352

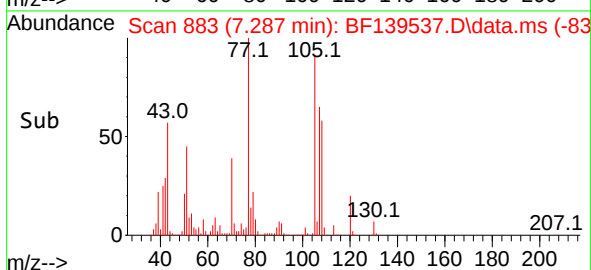
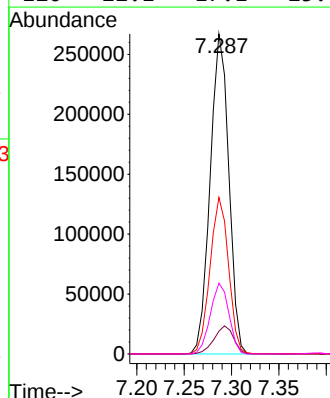
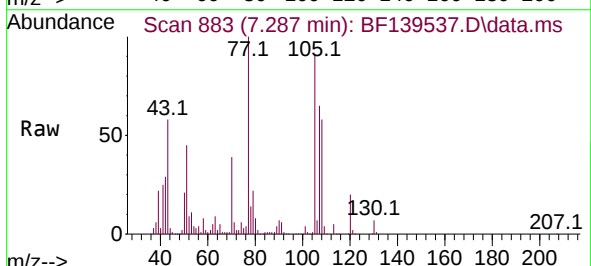
Ion Ratio Lower Upper

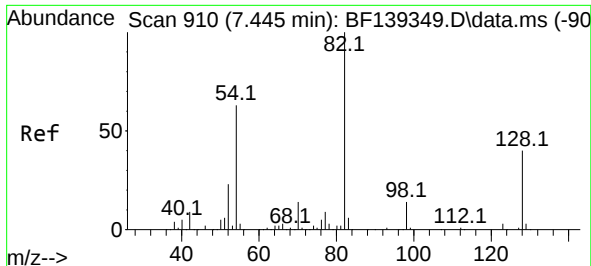
105 100

71 7.1 5.9 8.9

51 48.9 40.0 60.0

120 22.1 17.1 25.7

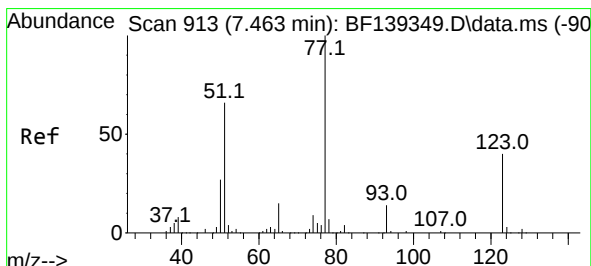
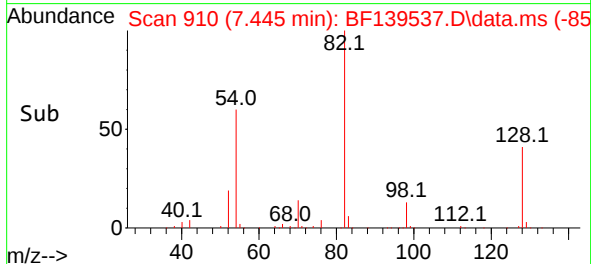
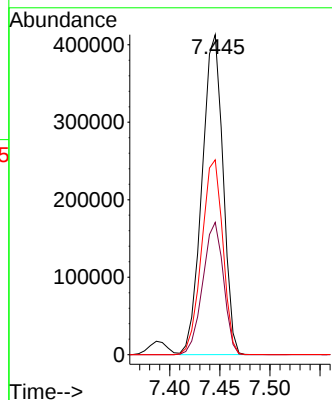
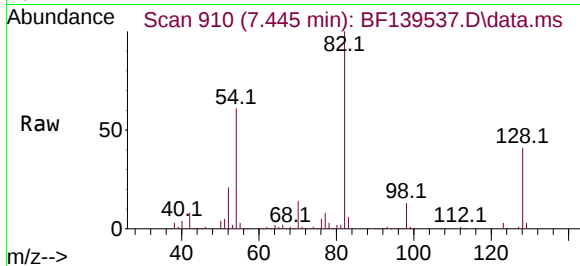




#23
Nitrobenzene-d5
Concen: 117.060 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

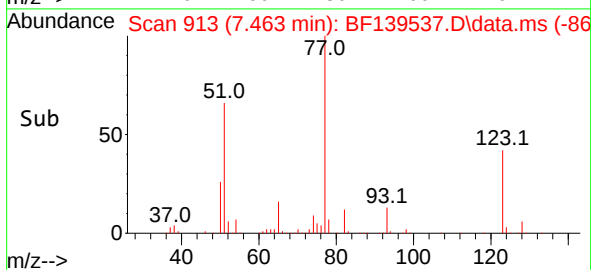
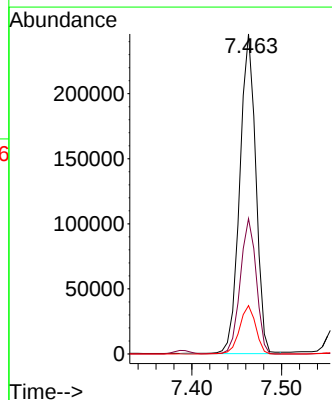
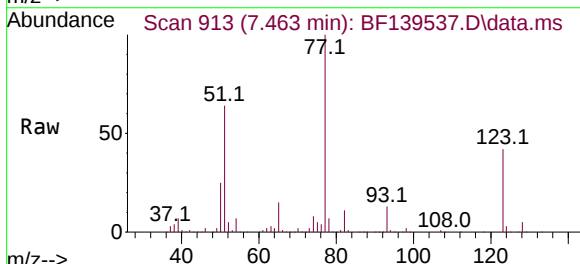
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion: 82 Resp: 601284
Ion Ratio Lower Upper
82 100
128 41.4 31.8 47.6
54 60.9 50.6 75.8



#24
Nitrobenzene
Concen: 57.853 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion: 77 Resp: 305847
Ion Ratio Lower Upper
77 100
123 42.3 32.2 48.4
65 15.1 12.2 18.4

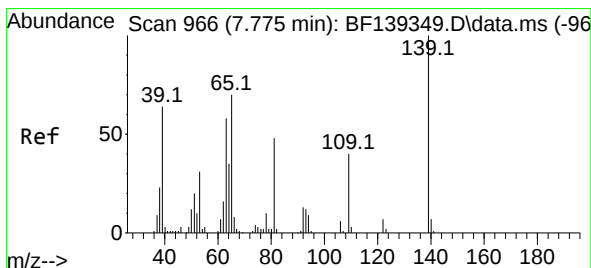
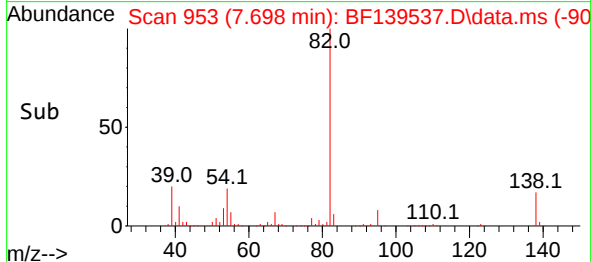
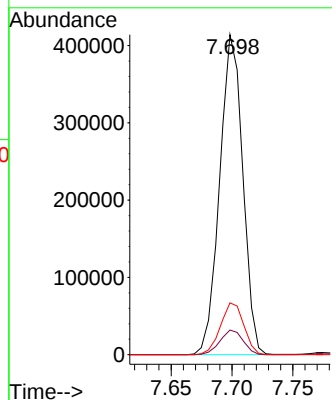
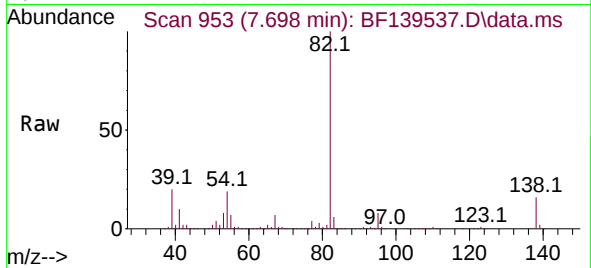




#25
Isophorone
Concen: 67.344 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

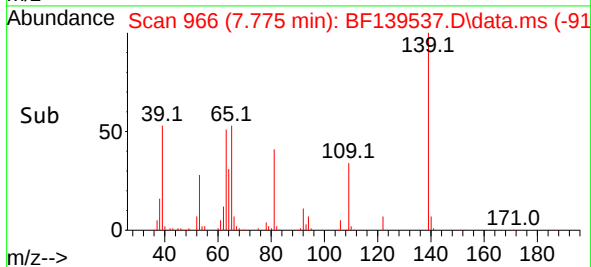
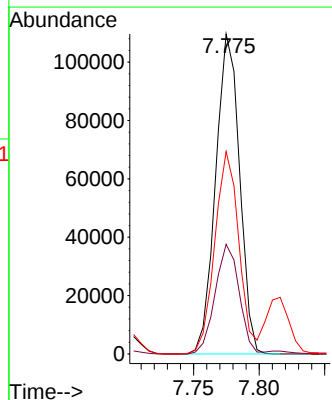
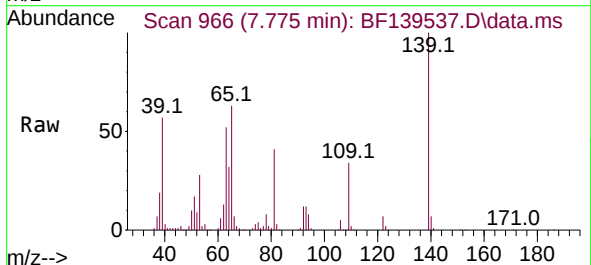
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

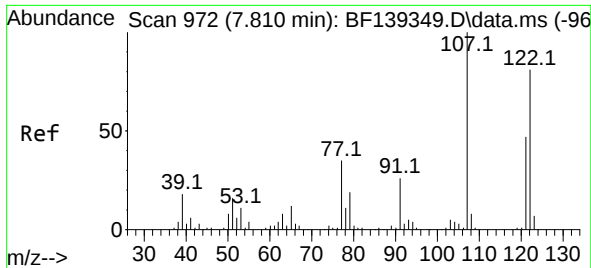
Tgt Ion: 82 Resp: 547070
Ion Ratio Lower Upper
82 100
95 7.7 6.7 10.1
138 16.2 13.3 19.9



#26
2-Nitrophenol
Concen: 67.435 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:139 Resp: 138891
Ion Ratio Lower Upper
139 100
109 34.3 32.2 48.2
65 63.3 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 75.368 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

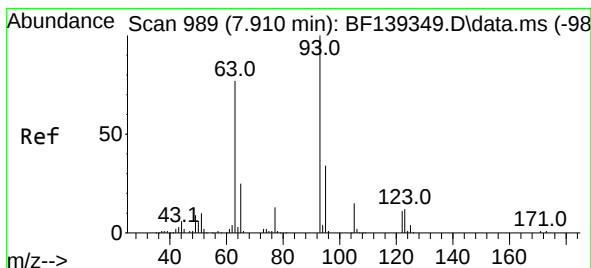
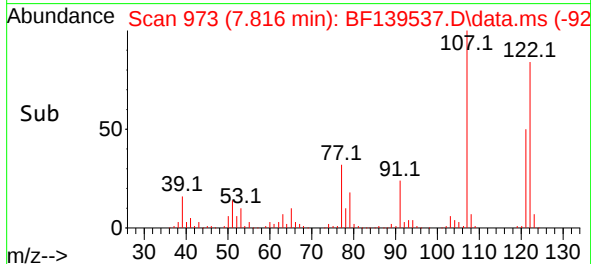
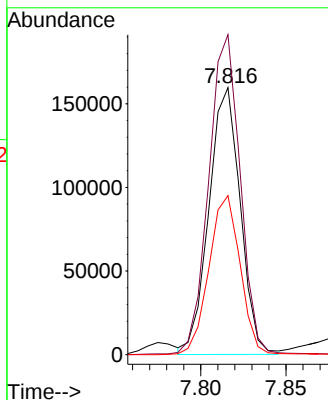
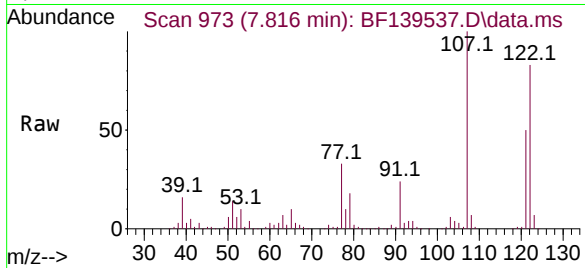
Tgt Ion:122 Resp: 204763

Ion Ratio Lower Upper

122 100

107 119.8 99.1 148.7

121 59.5 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 68.014 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

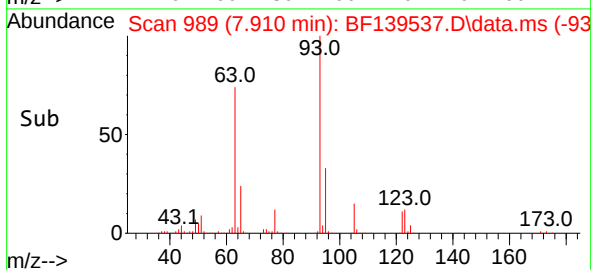
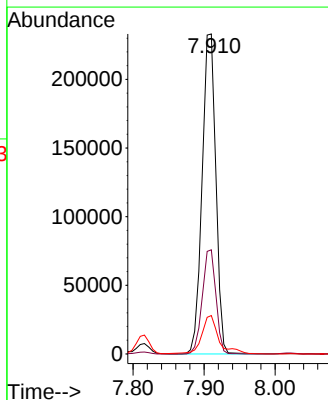
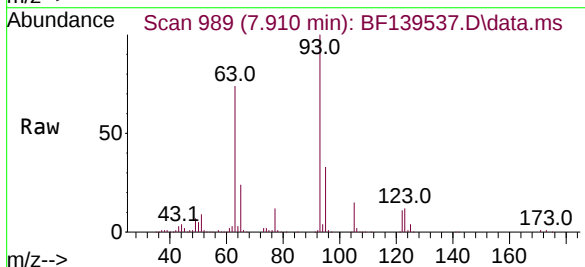
Tgt Ion: 93 Resp: 314892

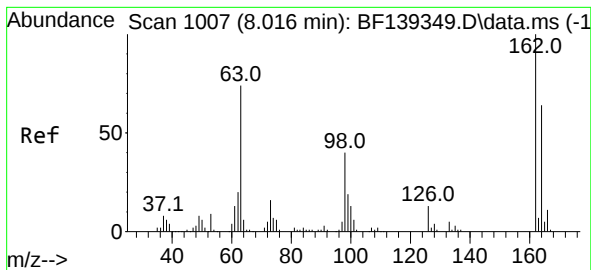
Ion Ratio Lower Upper

93 100

95 32.5 26.9 40.3

123 12.0 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 64.623 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

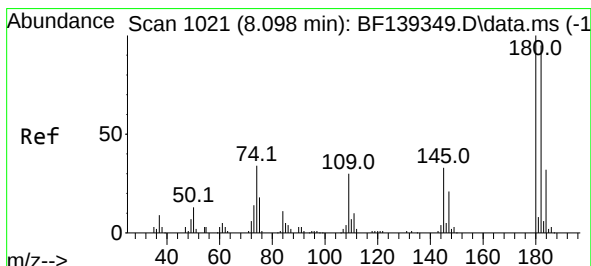
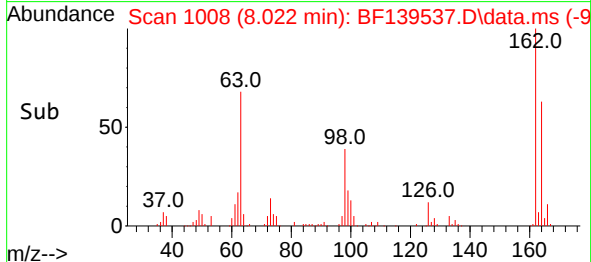
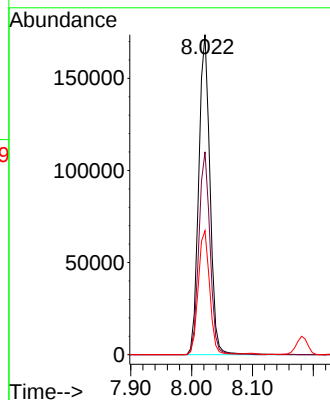
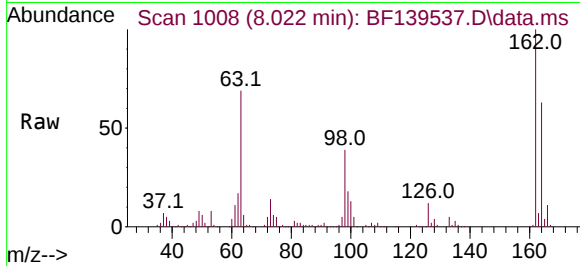
Tgt Ion:162 Resp: 223042

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

98 38.8 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 56.617 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

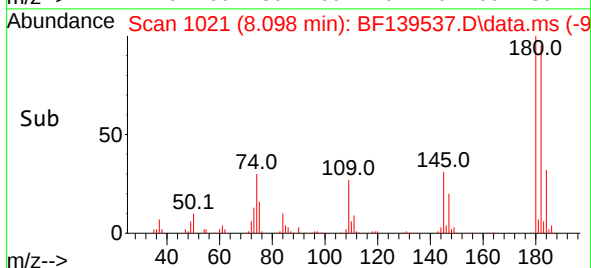
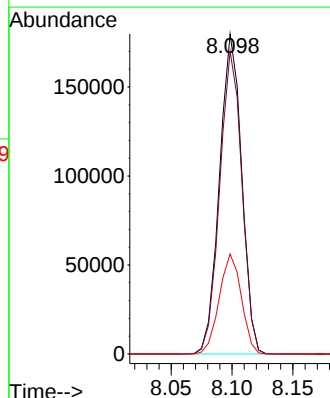
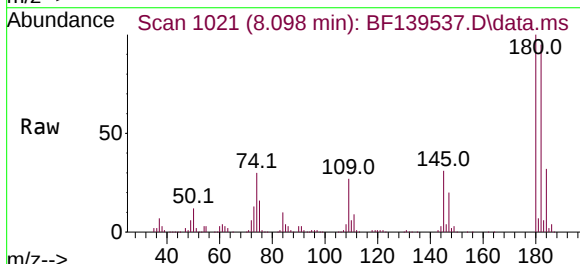
Tgt Ion:180 Resp: 227685

Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 31.2 26.5 39.7

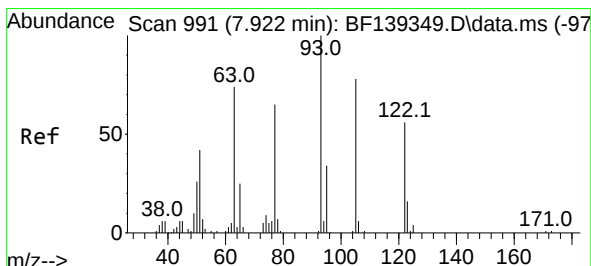
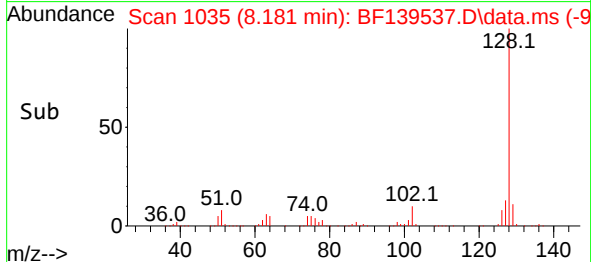
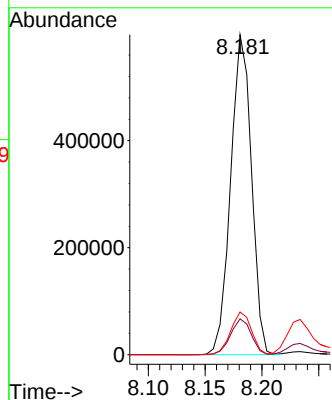
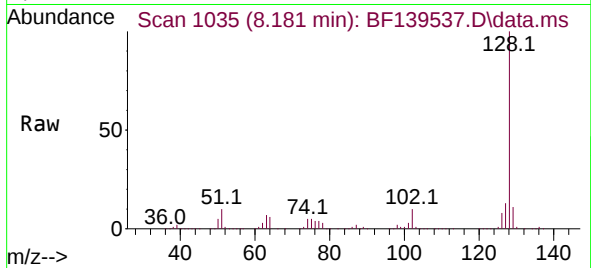




#31
Naphthalene
Concen: 60.464 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

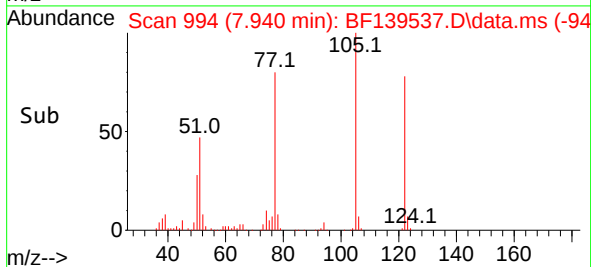
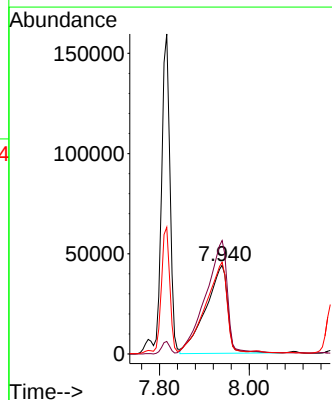
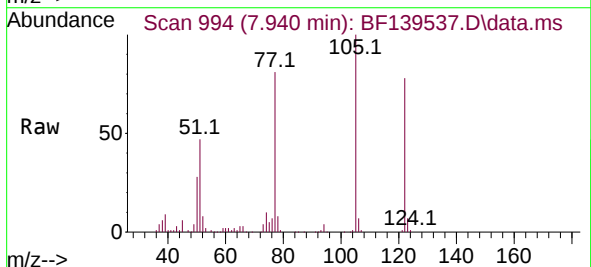
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

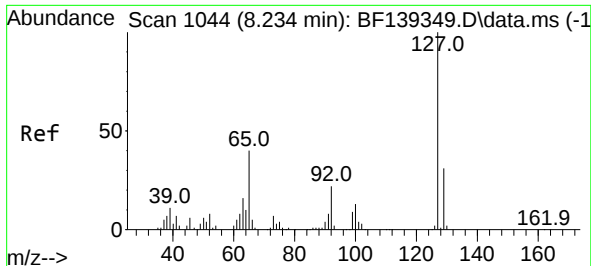
Tgt Ion:128 Resp: 762239
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 58.514 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:122 Resp: 148771
Ion Ratio Lower Upper
122 100
105 128.0 117.1 157.1
77 103.5 95.4 135.4

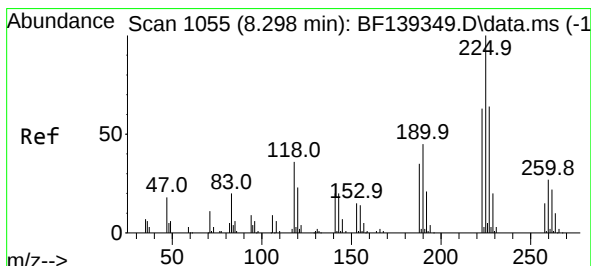
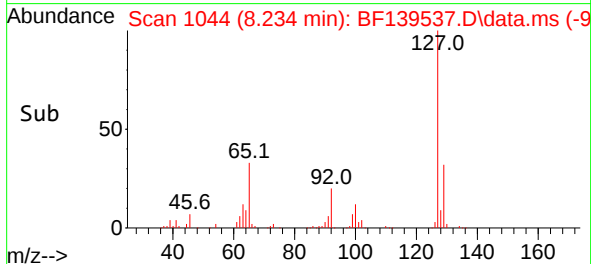
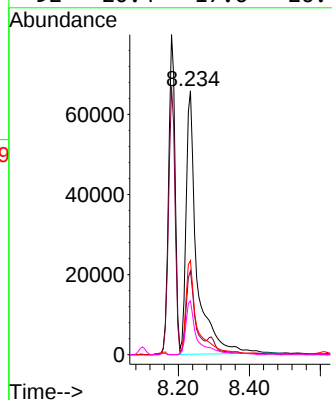
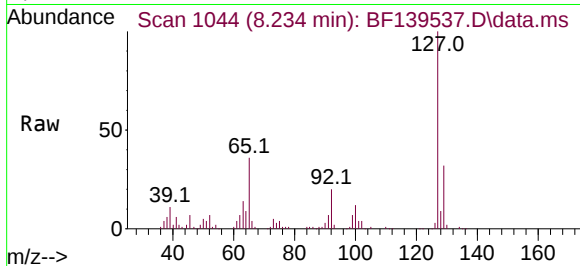




#33
4-Chloroaniline
Concen: 36.097 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

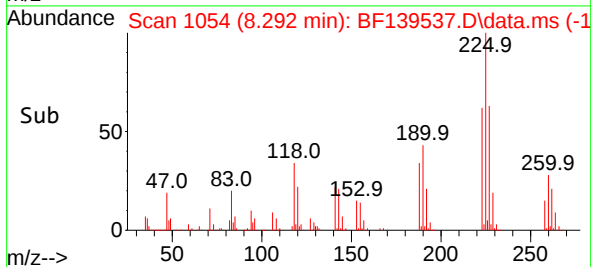
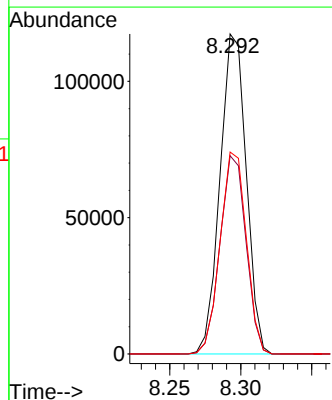
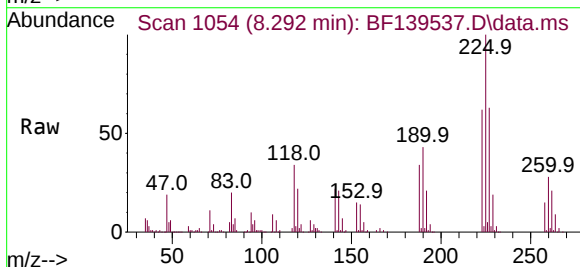
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

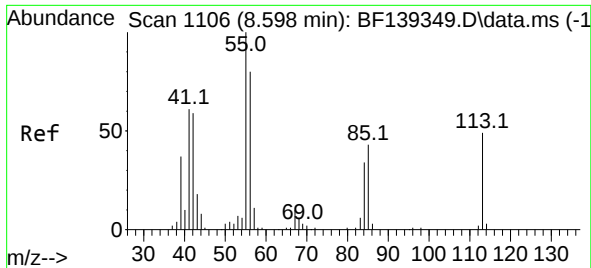
Tgt Ion:	127	Resp:	139212
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.5	38.3
65	35.6	31.5	47.3
92	20.4	17.6	26.4



#34
Hexachlorobutadiene
Concen: 55.155 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:	225	Resp:	150693
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	63.1	51.0	76.6

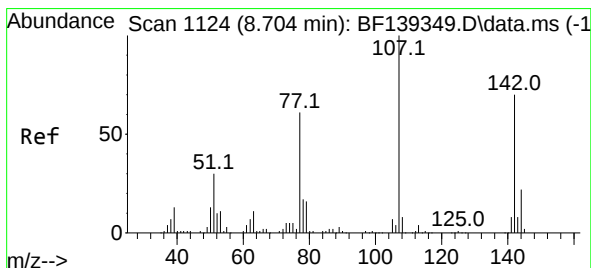
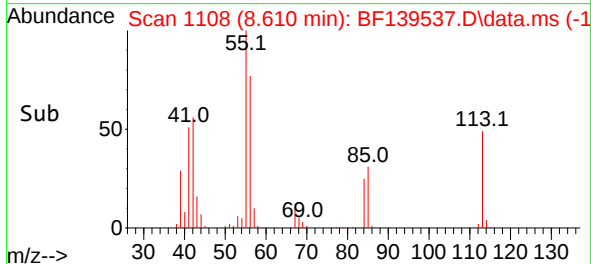
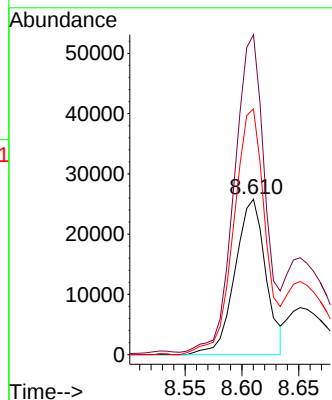
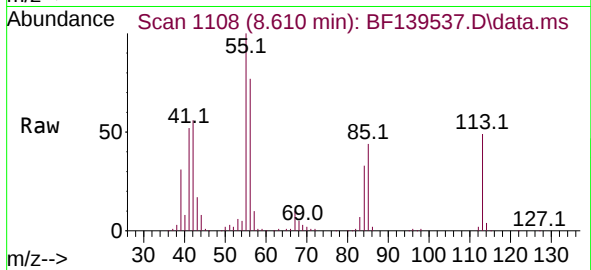




#35
 Caprolactam
 Concen: 45.758 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.012 min
 Lab File: BF139537.D
 Acq: 25 Sep 2024 19:18

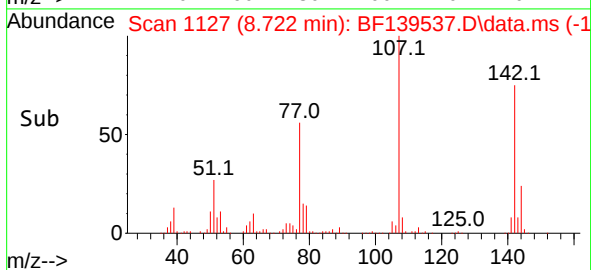
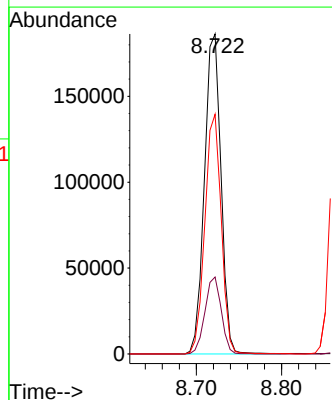
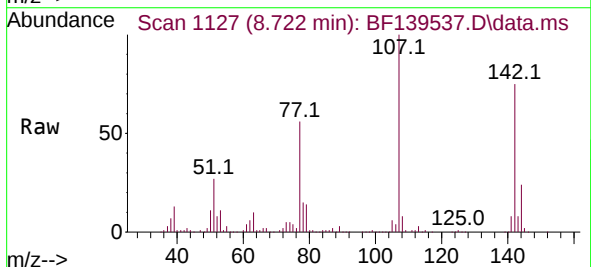
Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILEMSD

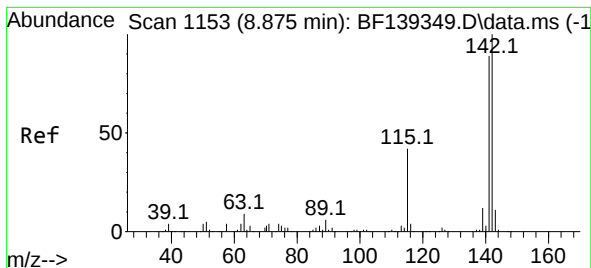
Tgt Ion:113 Resp: 48582
 Ion Ratio Lower Upper
 113 100
 55 205.8 186.1 226.1
 56 158.1 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 63.839 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.018 min
 Lab File: BF139537.D
 Acq: 25 Sep 2024 19:18

Tgt Ion:107 Resp: 251815
 Ion Ratio Lower Upper
 107 100
 144 24.0 17.5 26.3
 142 74.9 55.8 83.8





#37

2-Methylnaphthalene

Concen: 64.063 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

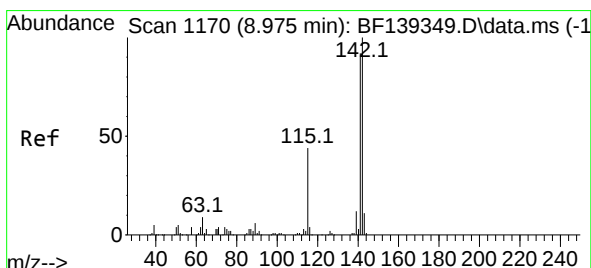
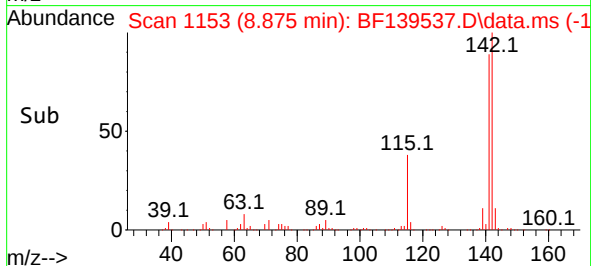
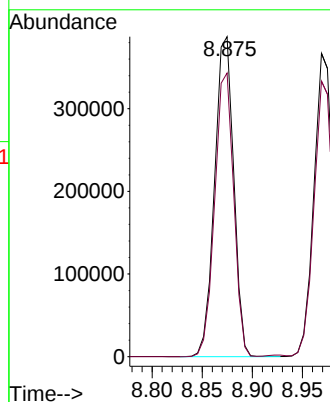
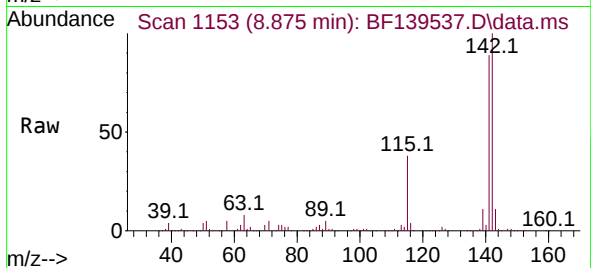
STOCK-PILEMSD

Tgt Ion:142 Resp: 512620

Ion Ratio Lower Upper

142 100

141 88.6 71.6 107.4



#38

1-Methylnaphthalene

Concen: 60.864 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139537.D

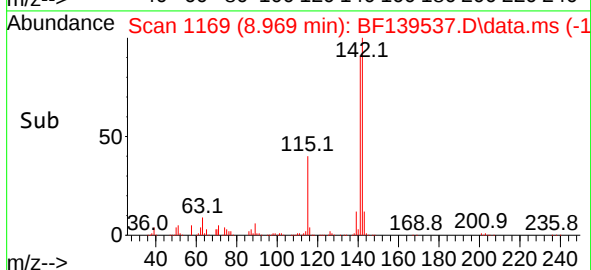
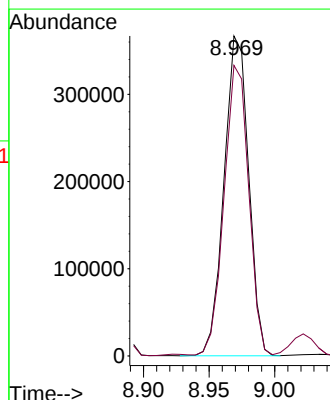
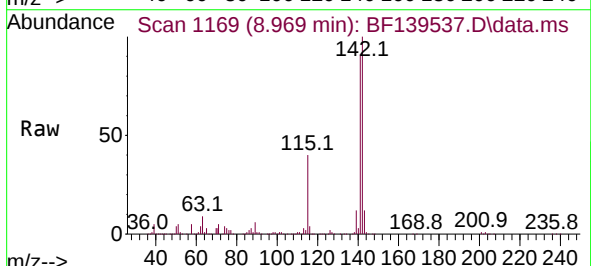
Acq: 25 Sep 2024 19:18

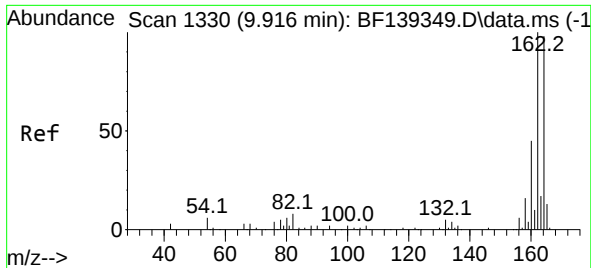
Tgt Ion:142 Resp: 478139

Ion Ratio Lower Upper

142 100

141 90.8 73.2 109.8

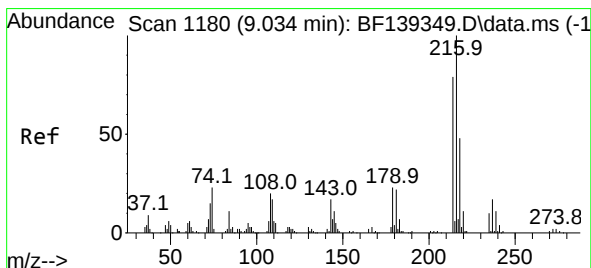
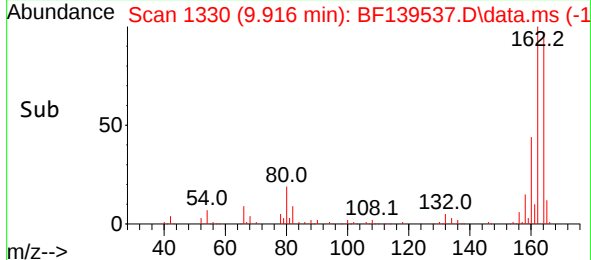
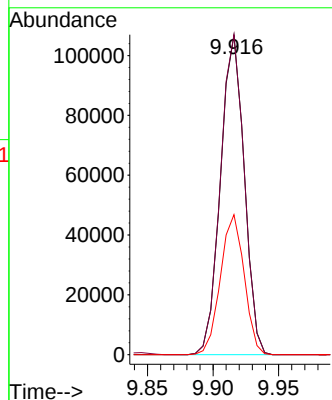
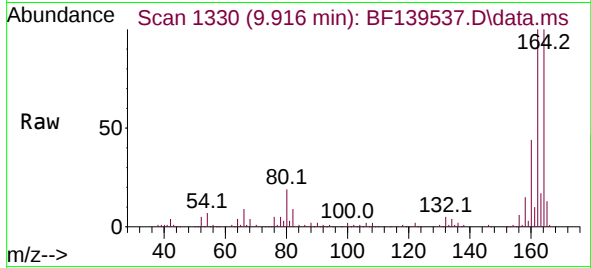




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

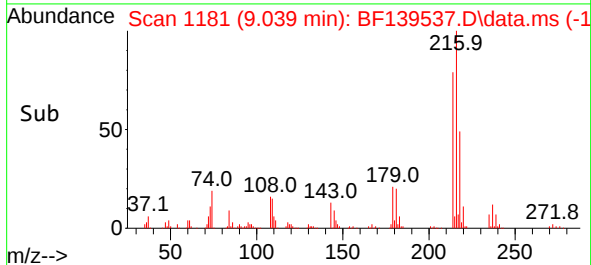
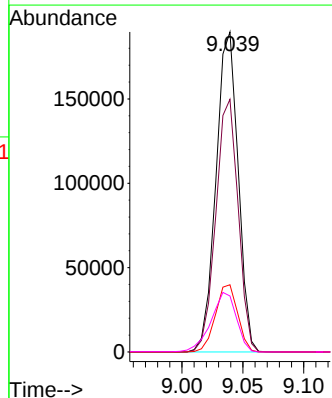
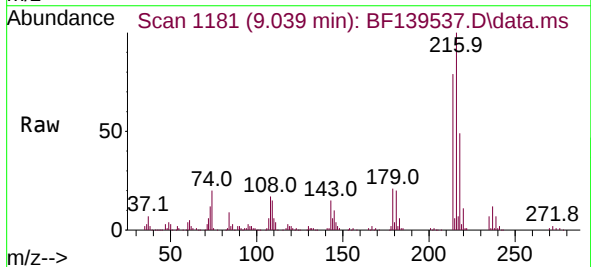
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

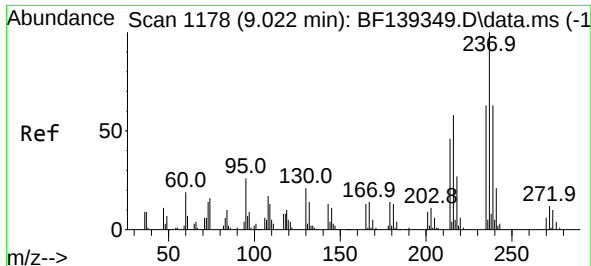
Tgt Ion:164 Resp: 134253
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 43.9 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.393 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:216 Resp: 240292
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.0
179 21.2 18.2 27.2
108 21.5 15.8 23.6

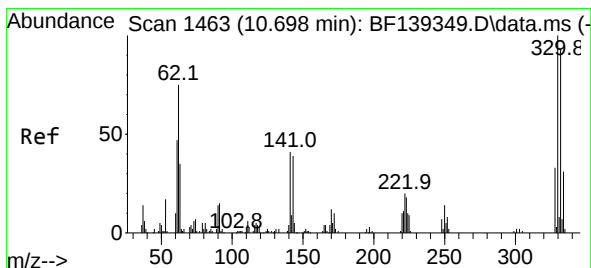
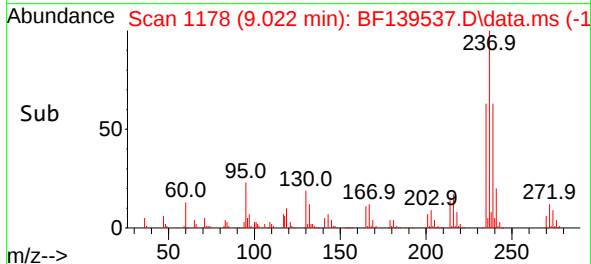
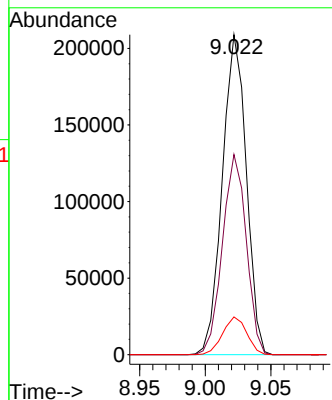
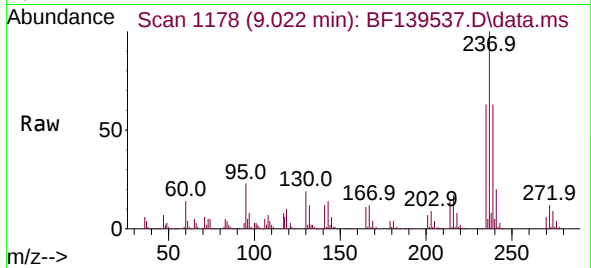




#41
Hexachlorocyclopentadiene
Concen: 191.015 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

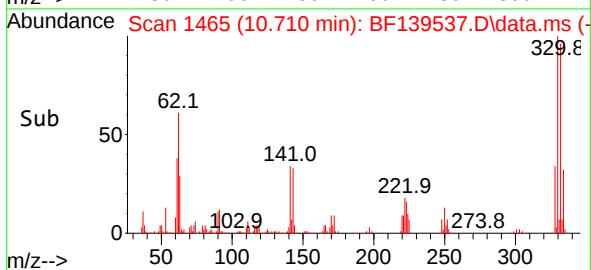
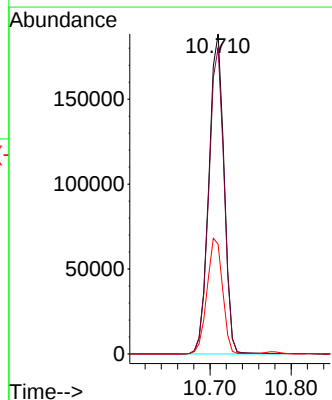
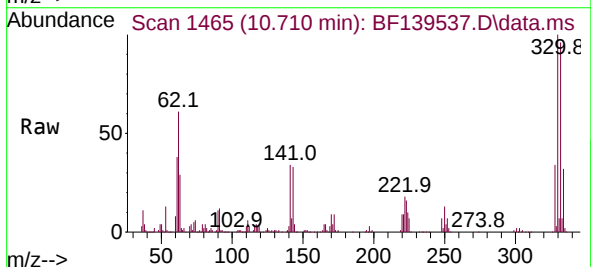
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

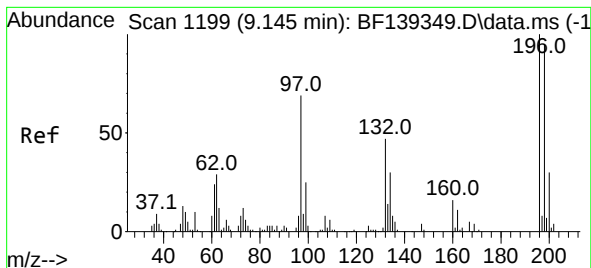
Tgt Ion:237 Resp: 265367
Ion Ratio Lower Upper
237 100
235 62.5 42.7 82.7
272 11.8 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 171.002 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:330 Resp: 244411
Ion Ratio Lower Upper
330 100
332 96.3 75.2 112.8
141 37.1 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 66.169 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

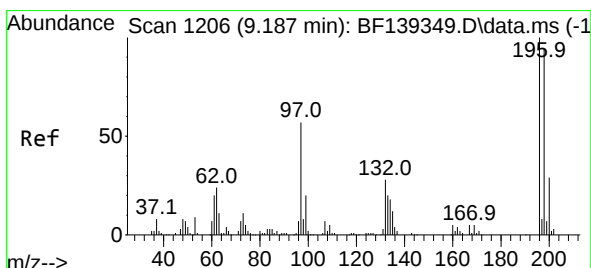
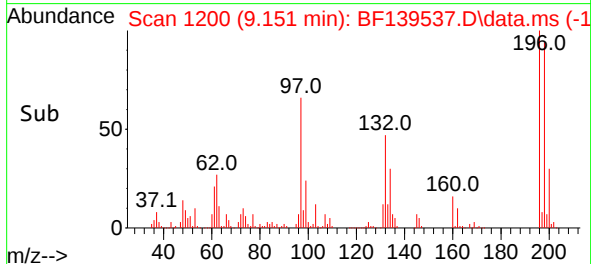
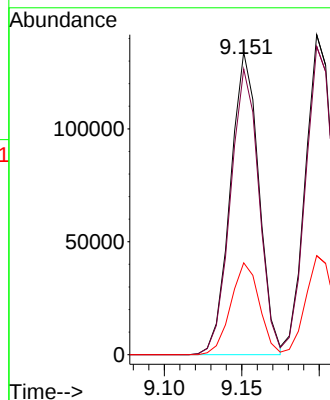
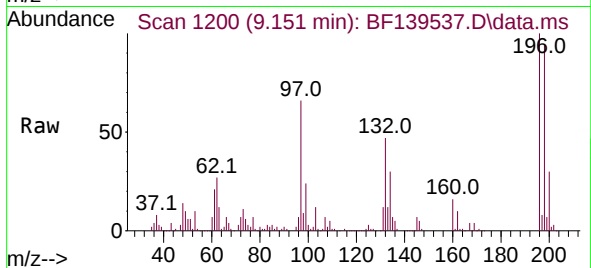
Tgt Ion:196 Resp: 171286

Ion Ratio Lower Upper

196 100

198 94.4 75.8 113.6

200 30.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 65.029 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Tgt Ion:196 Resp: 177565

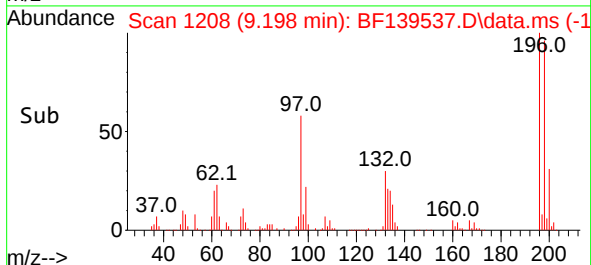
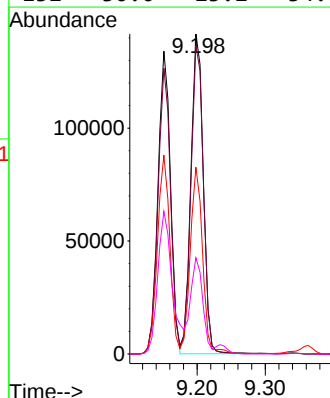
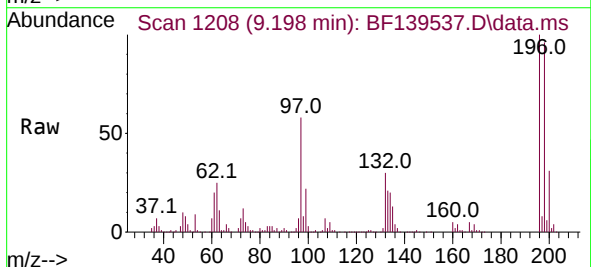
Ion Ratio Lower Upper

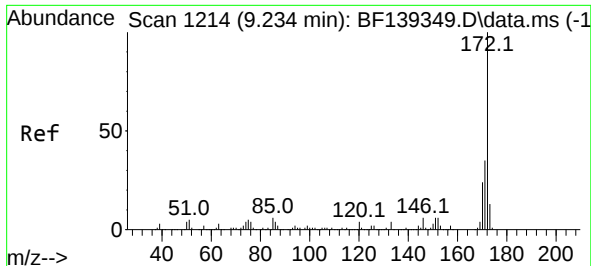
196 100

198 96.3 74.8 112.2

97 58.3 47.3 70.9

132 30.0 23.2 34.8

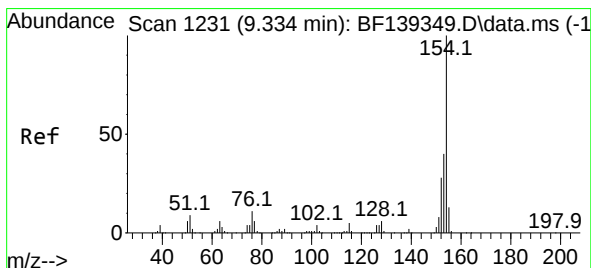
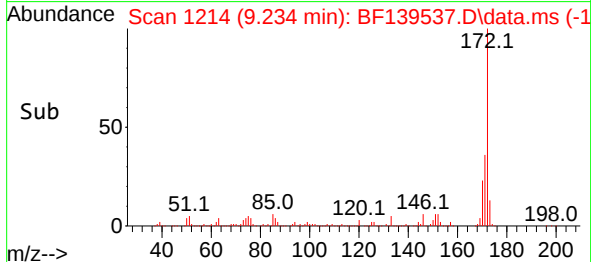
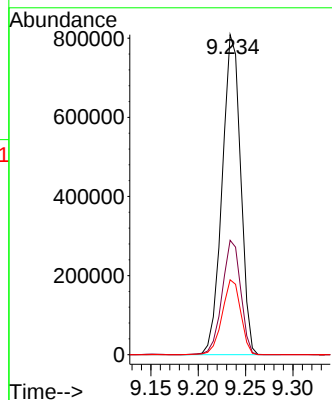
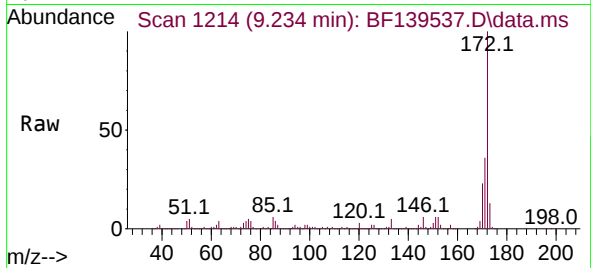




#45
2-Fluorobiphenyl
Concen: 114.902 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

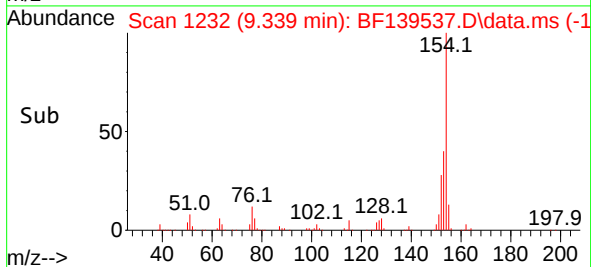
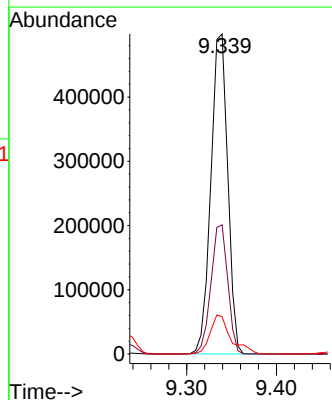
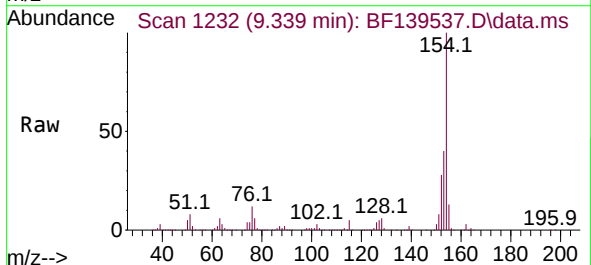
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

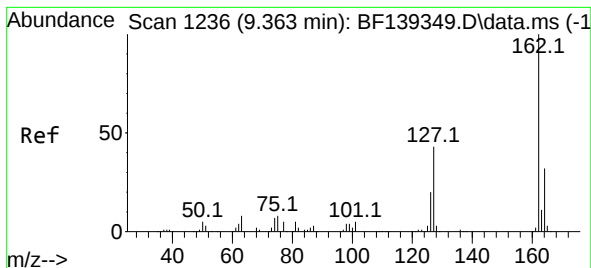
Tgt Ion:172 Resp: 1099870
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 62.910 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:154 Resp: 649766
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 11.7 0.0 31.1





#47

2-Chloronaphthalene

Concen: 62.860 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

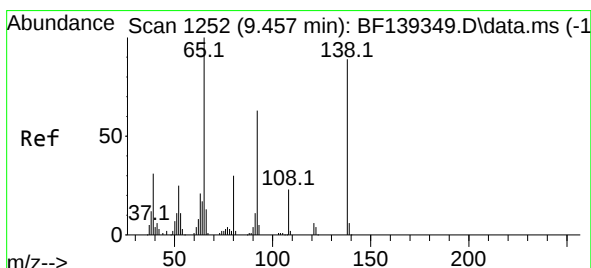
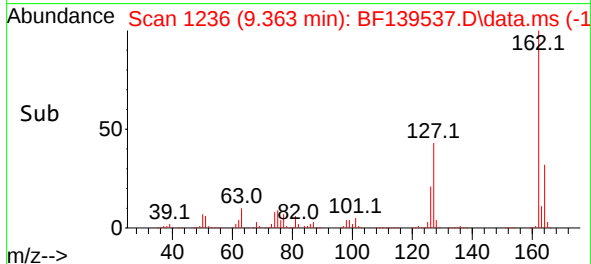
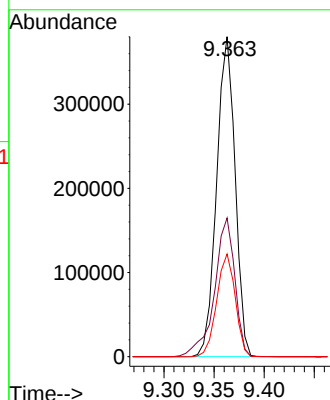
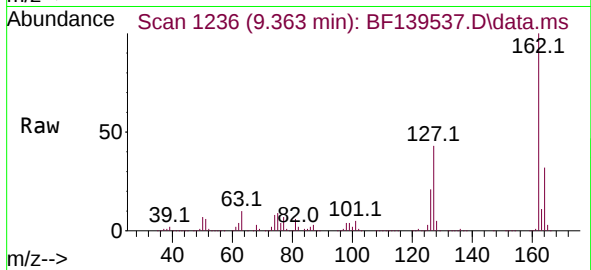
Tgt Ion:162 Resp: 485438

Ion Ratio Lower Upper

162 100

127 43.4 35.0 52.4

164 32.1 25.8 38.6



#48

2-Nitroaniline

Concen: 67.246 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

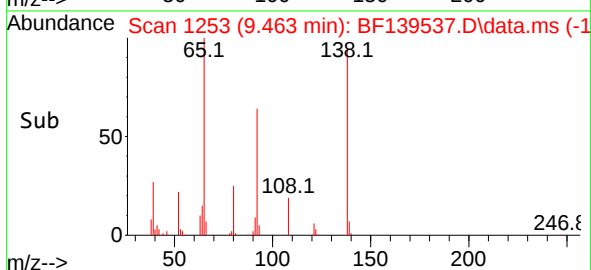
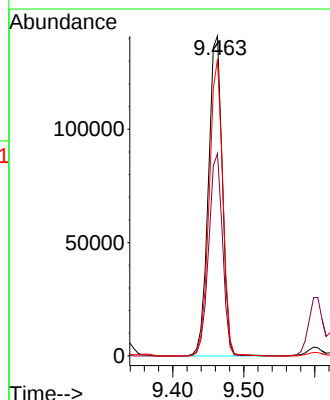
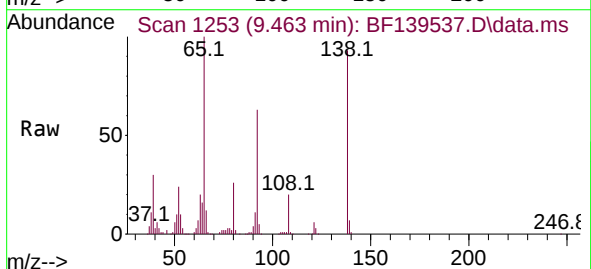
Tgt Ion: 65 Resp: 193155

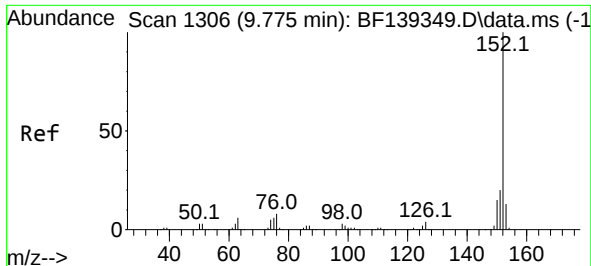
Ion Ratio Lower Upper

65 100

92 63.3 50.3 75.5

138 92.7 71.3 106.9





#49

Acenaphthylene

Concen: 69.199 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

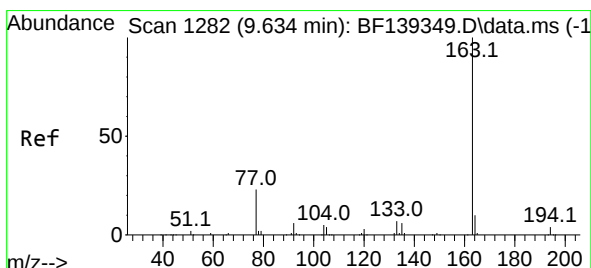
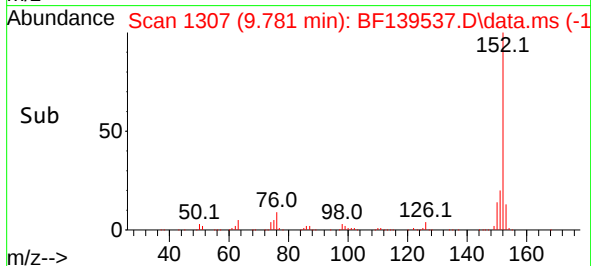
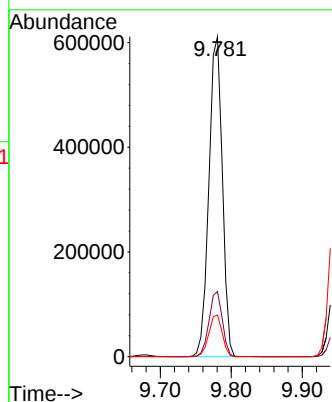
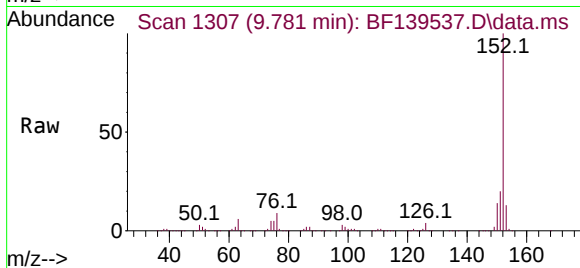
Tgt Ion:152 Resp: 804426

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.0 10.3 15.5



#50

Dimethylphthalate

Concen: 69.154 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

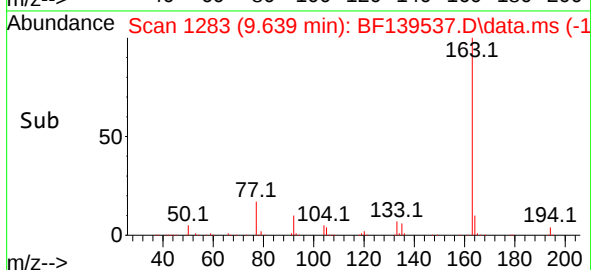
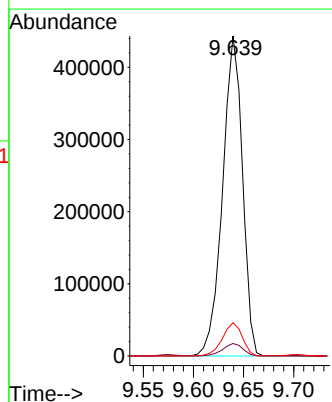
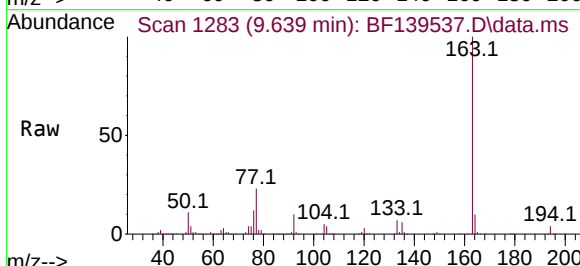
Tgt Ion:163 Resp: 609359

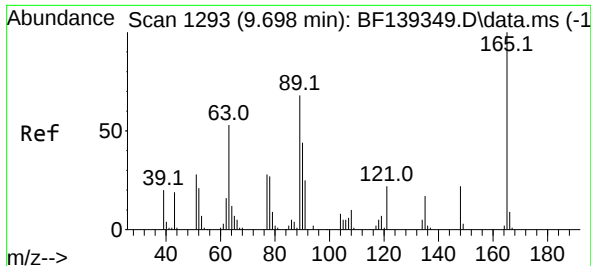
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.2 12.2

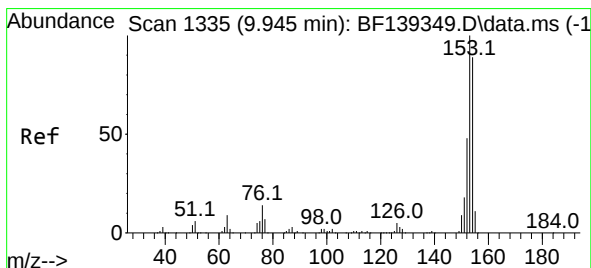
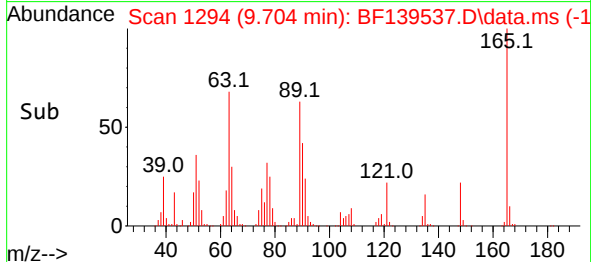
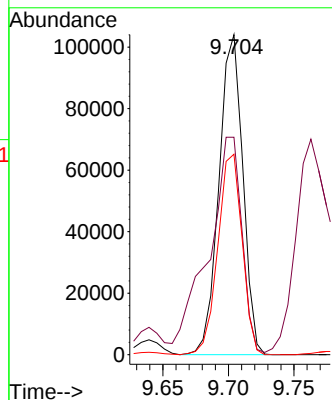
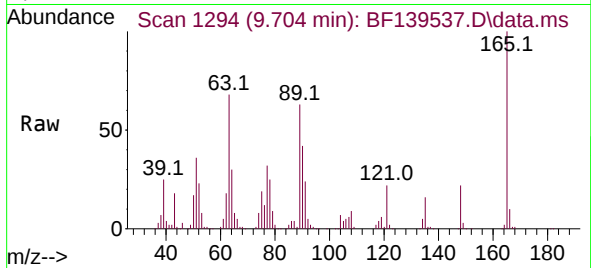




#51
2,6-Dinitrotoluene
Concen: 67.322 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

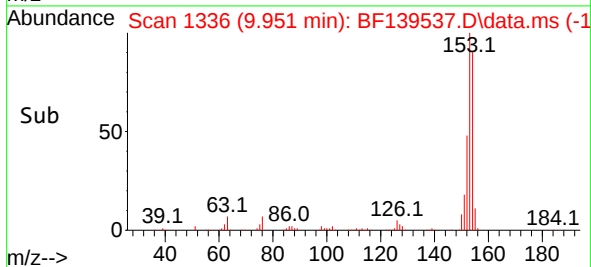
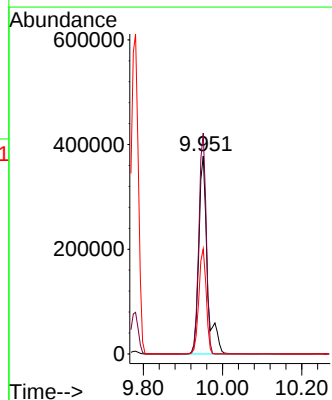
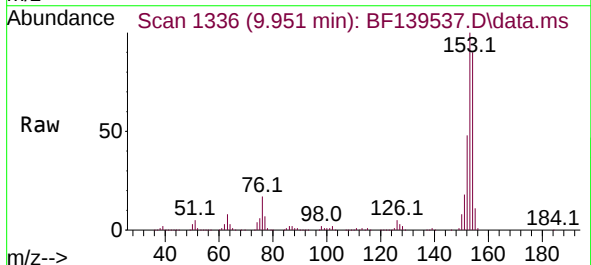
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

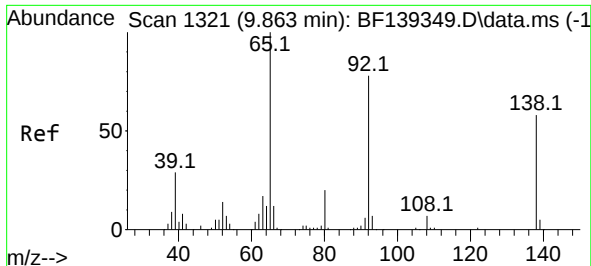
Tgt Ion:165 Resp: 131415
Ion Ratio Lower Upper
165 100
63 68.0 60.9 91.3
89 62.6 54.7 82.1



#52
Acenaphthene
Concen: 69.140 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:154 Resp: 560954
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 53.1 42.6 64.0

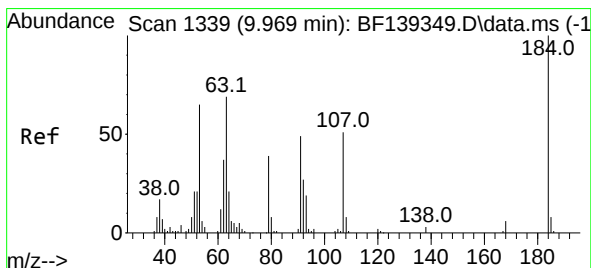
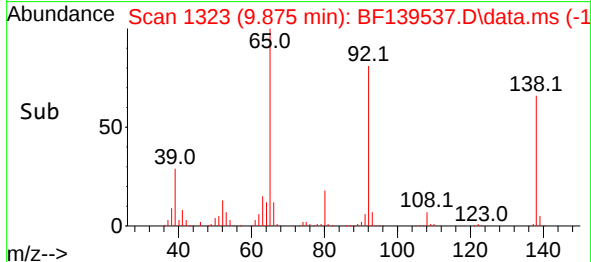
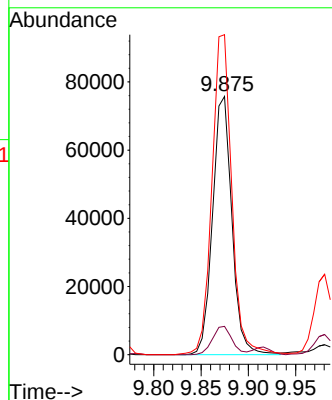
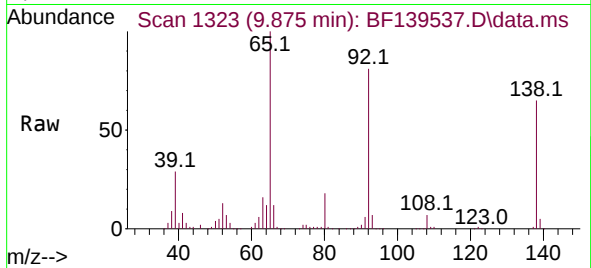




#53
3-Nitroaniline
Concen: 55.023 ng
RT: 9.875 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

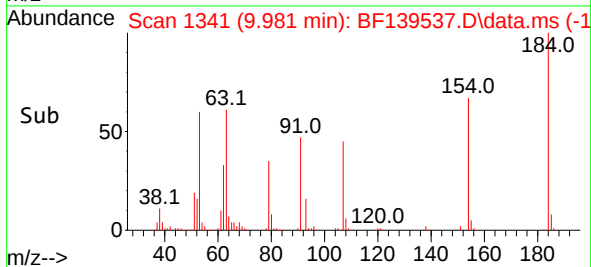
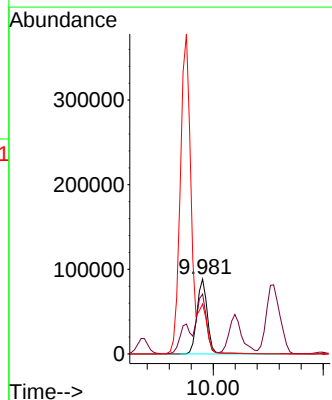
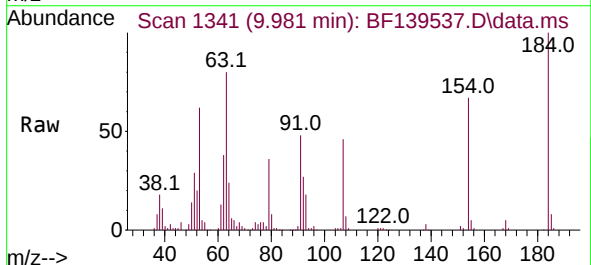
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

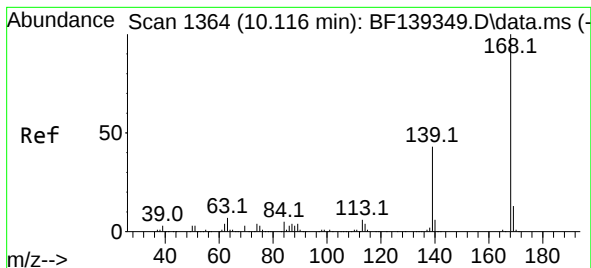
Tgt Ion:138 Resp: 107340
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.8
92 123.9 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 107.820 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:184 Resp: 117278
Ion Ratio Lower Upper
184 100
63 80.0 69.3 103.9
154 66.9 67.5 101.3#





#55

Dibenzenofuran

Concen: 64.946 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

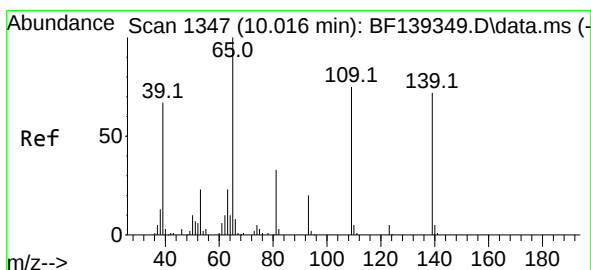
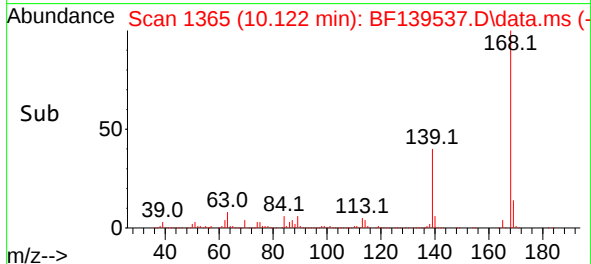
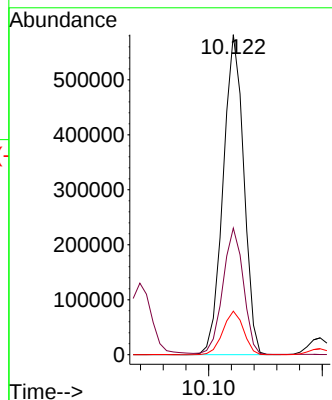
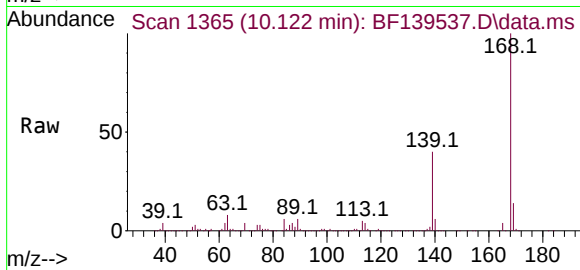
Tgt Ion:168 Resp: 734431

Ion Ratio Lower Upper

168 100

139 39.5 34.1 51.1

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 114.472 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.023 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

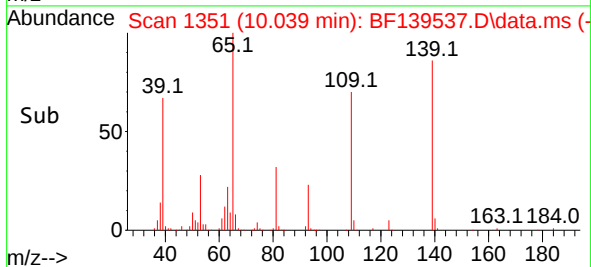
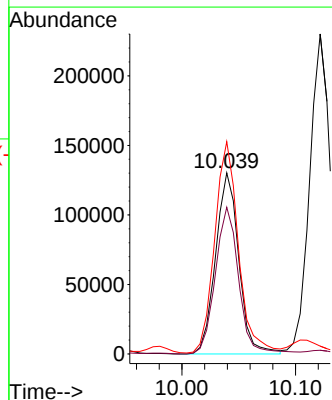
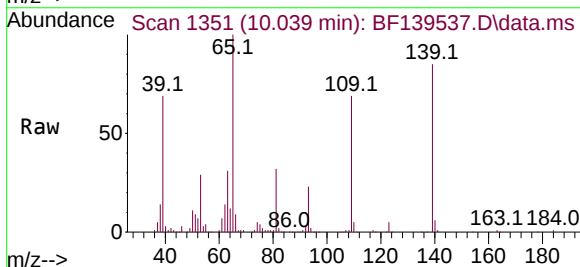
Tgt Ion:139 Resp: 184783

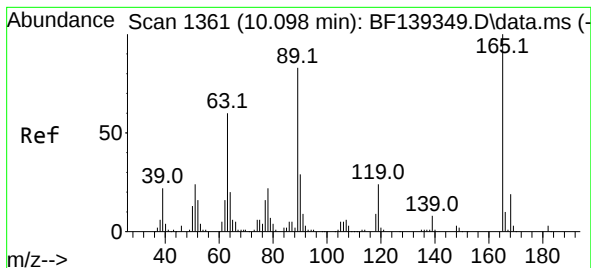
Ion Ratio Lower Upper

139 100

109 81.1 84.1 124.1#

65 117.3 120.0 160.0#

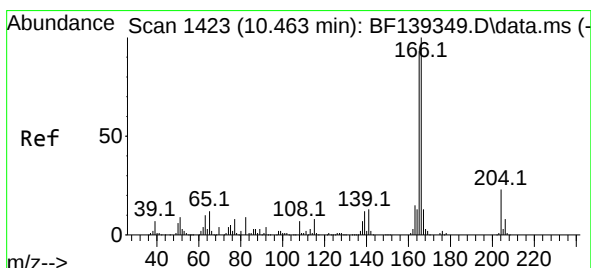
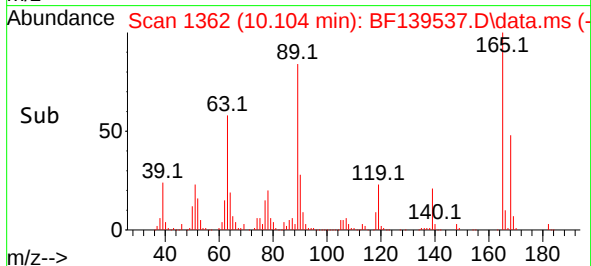
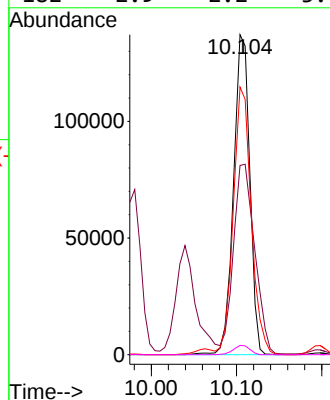
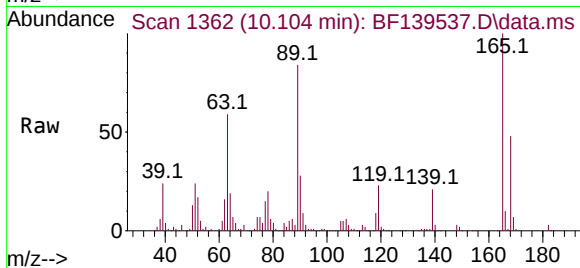




#57
2,4-Dinitrotoluene
Concen: 68.963 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

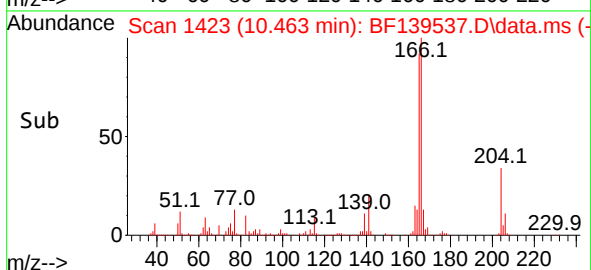
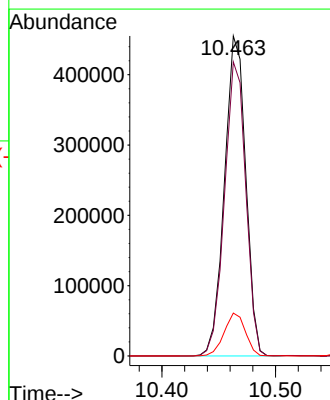
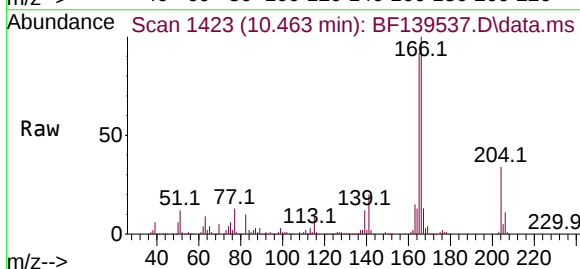
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

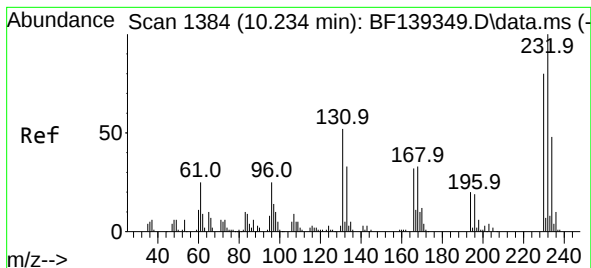
Tgt Ion:165 Resp: 181747
Ion Ratio Lower Upper
165 100
63 59.1 47.8 71.6
89 83.7 66.7 100.1
182 2.9 2.2 3.4



#58
Fluorene
Concen: 64.227 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:166 Resp: 592598
Ion Ratio Lower Upper
166 100
165 91.9 74.5 111.7
167 13.4 10.6 16.0

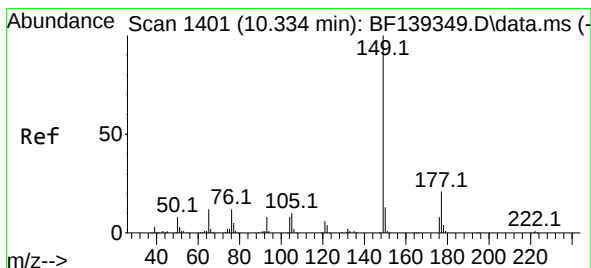
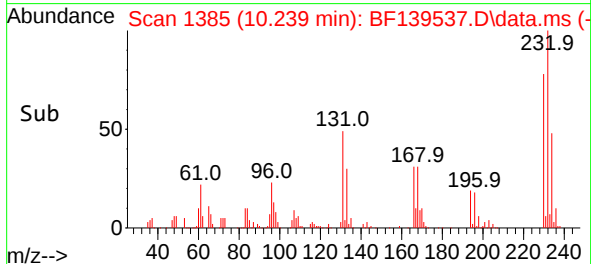
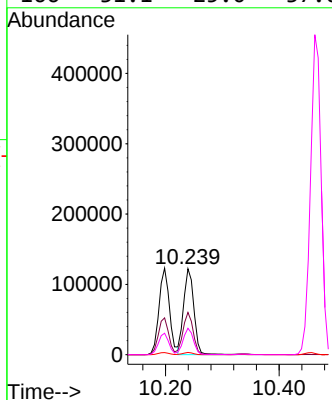
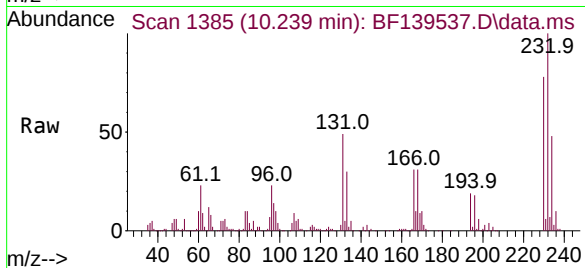




#59
2,3,4,6-Tetrachlorophenol
Concen: 67.559 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

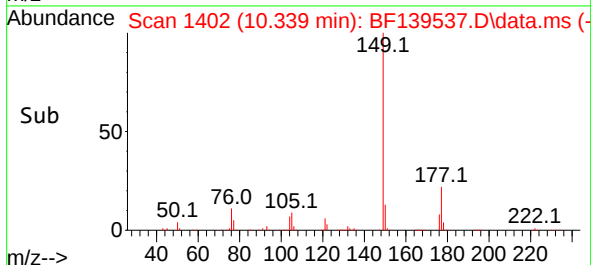
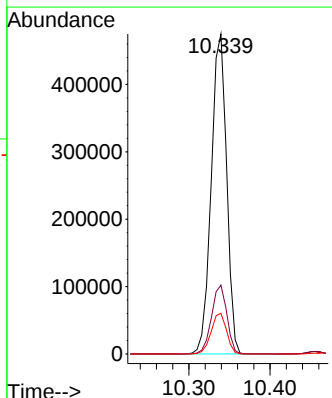
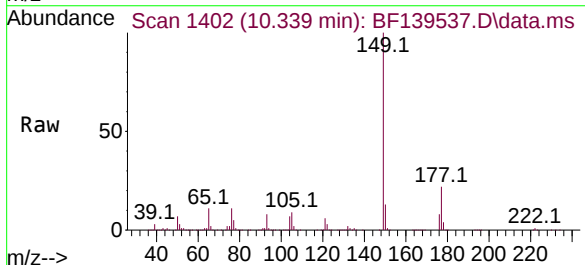
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

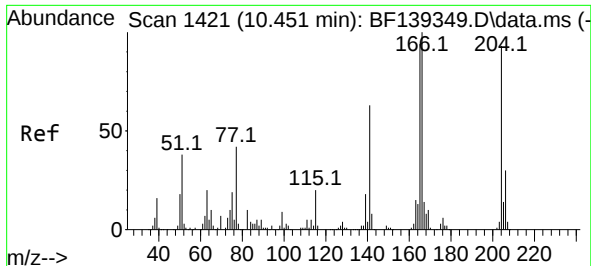
Tgt Ion:232 Resp: 152602
Ion Ratio Lower Upper
232 100
131 49.4 40.7 61.1
130 2.6 2.2 3.2
166 31.1 25.0 37.6



#60
Diethylphthalate
Concen: 68.617 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:149 Resp: 623954
Ion Ratio Lower Upper
149 100
177 21.5 16.6 24.8
150 12.7 10.6 15.8

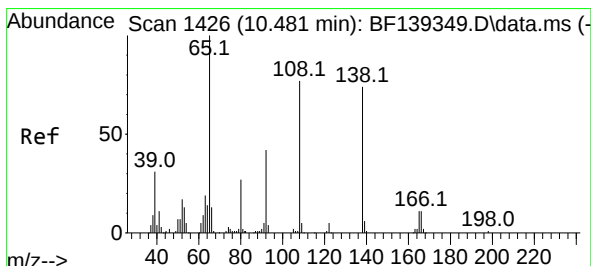
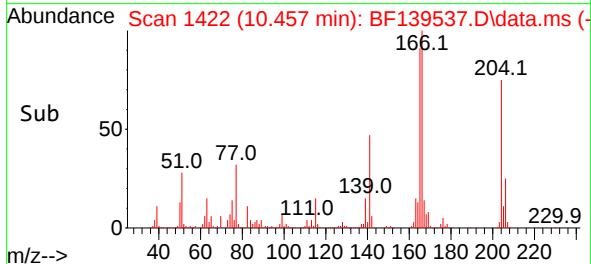
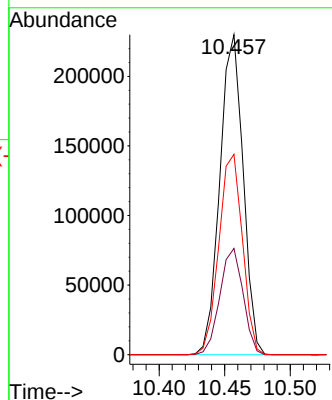
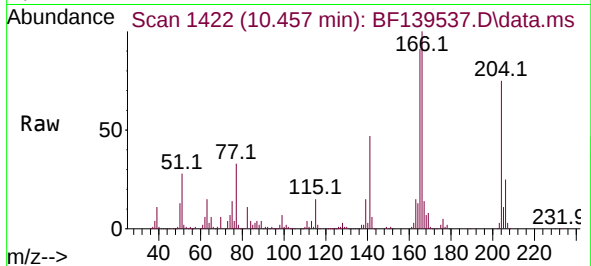




#61
4-Chlorophenyl-phenylether
Concen: 63.147 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

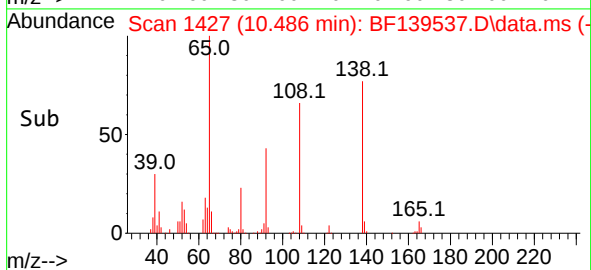
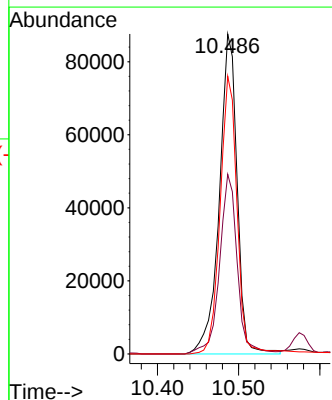
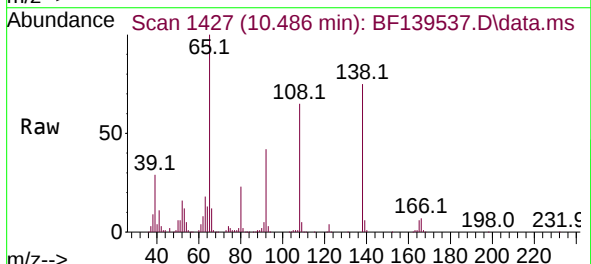
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

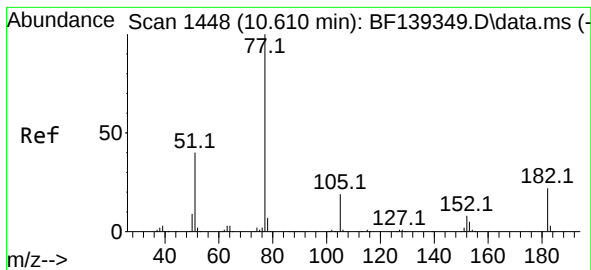
Tgt Ion:204 Resp: 283153
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 62.6 53.9 80.9



#62
4-Nitroaniline
Concen: 62.868 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:138 Resp: 133853
Ion Ratio Lower Upper
138 100
92 56.2 37.0 77.0
108 86.8 84.4 124.4





#63

Azobenzene

Concen: 69.220 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion: 77 Resp: 619078

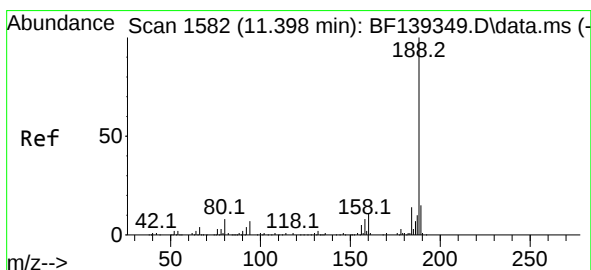
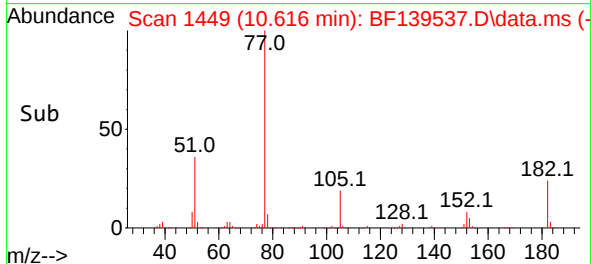
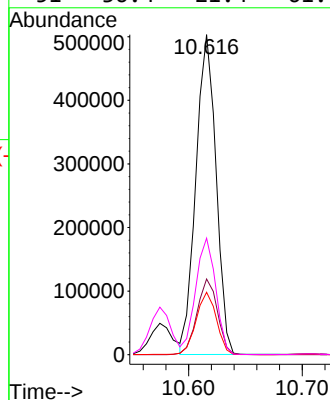
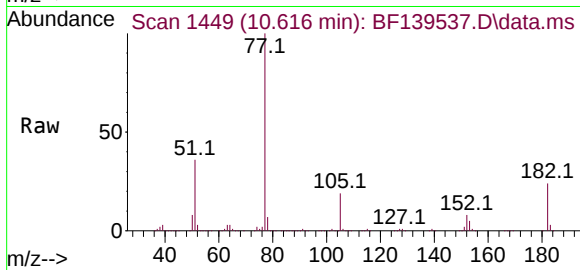
Ion Ratio Lower Upper

77 100

182 23.7 1.8 41.8

105 19.5 0.0 38.6

51 36.4 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

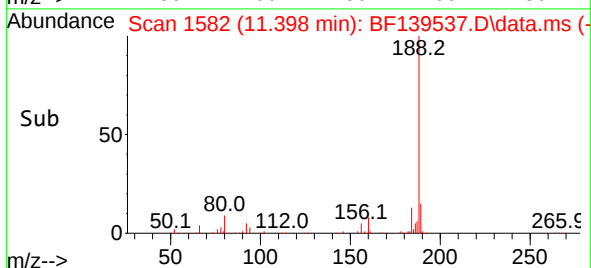
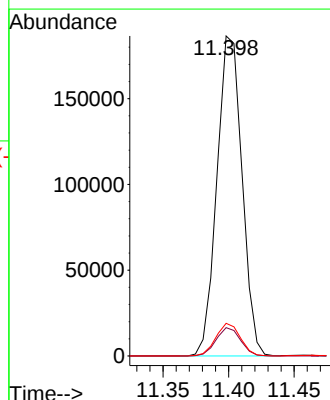
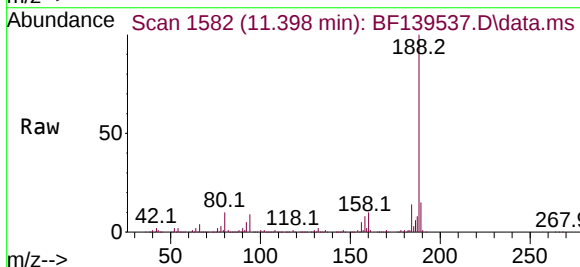
Tgt Ion:188 Resp: 248273

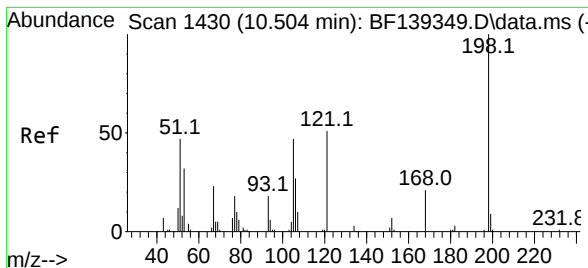
Ion Ratio Lower Upper

188 100

94 8.8 5.5 8.3#

80 10.2 6.6 9.8#

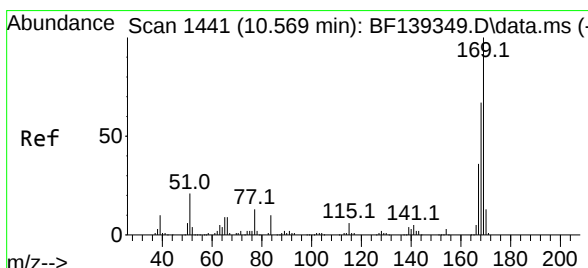
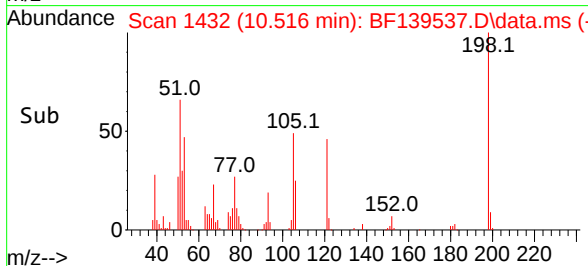
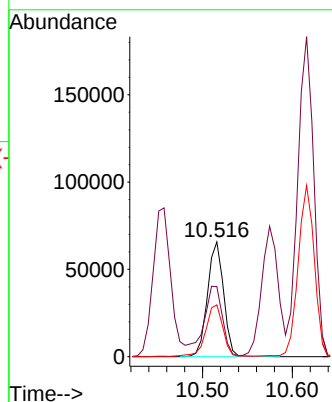
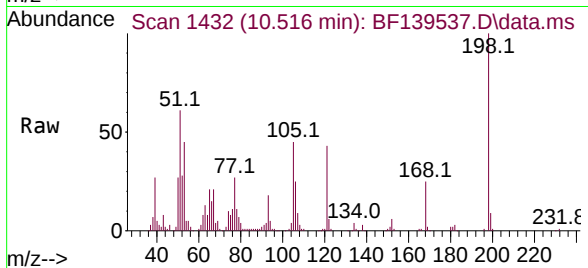




#65
4,6-Dinitro-2-methylphenol
Concen: 62.386 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

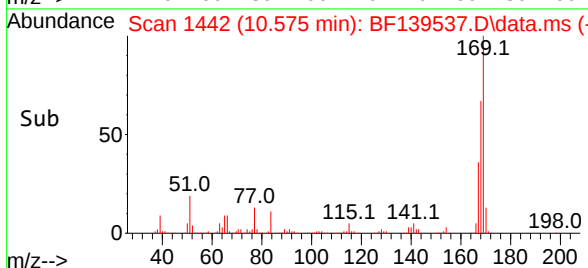
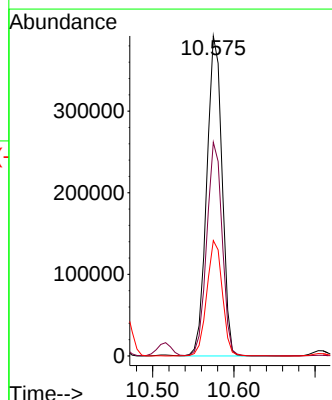
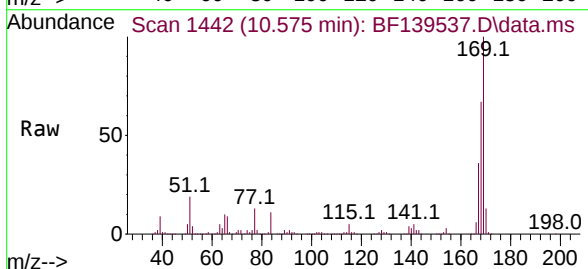
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

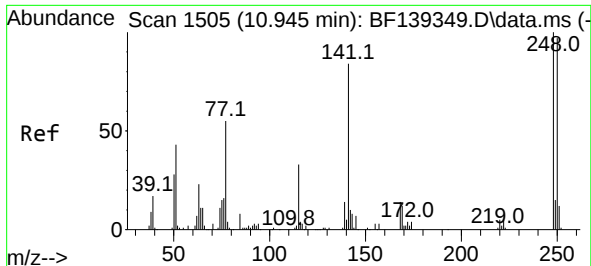
Tgt Ion:198 Resp: 81748
Ion Ratio Lower Upper
198 100
51 61.1 50.4 90.4
105 45.2 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 70.546 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:169 Resp: 512068
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 36.1 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 70.307 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

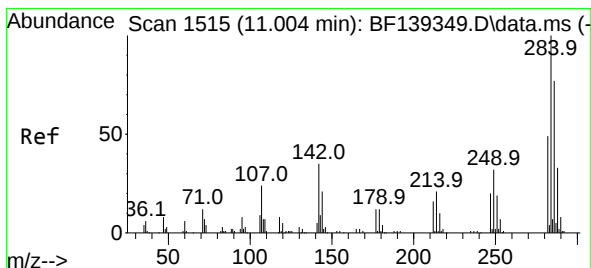
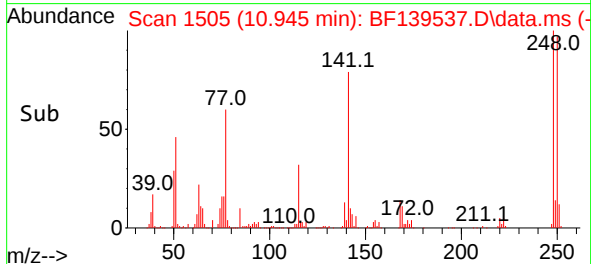
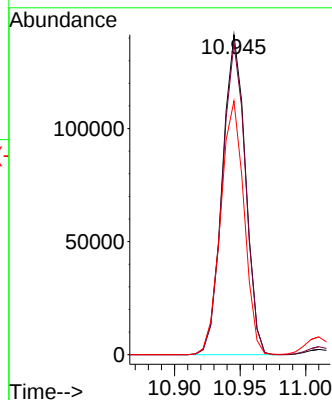
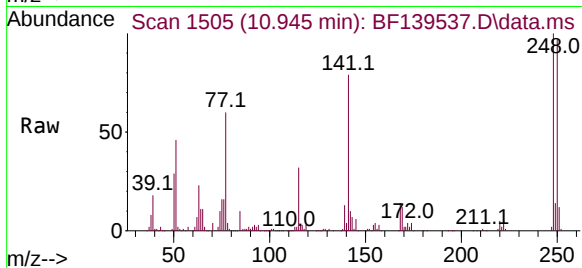
Tgt Ion:248 Resp: 172977

Ion Ratio Lower Upper

248 100

250 97.3 77.6 116.4

141 79.3 66.9 100.3



#68

Hexachlorobenzene

Concen: 65.179 ng

RT: 11.010 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

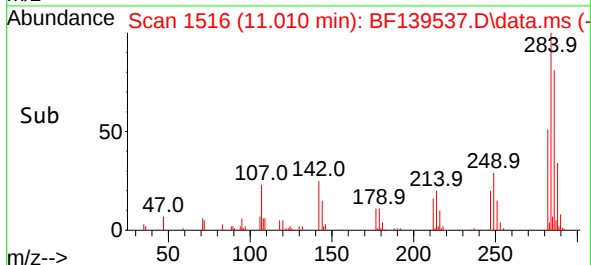
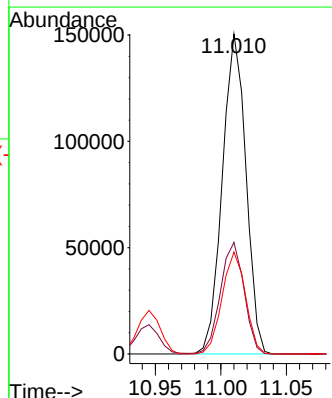
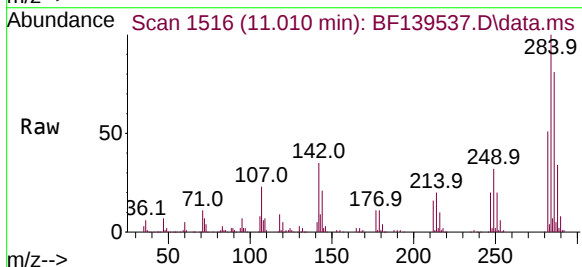
Tgt Ion:284 Resp: 188205

Ion Ratio Lower Upper

284 100

142 34.8 28.0 42.0

249 31.8 25.3 37.9





#69

Atrazine

Concen: 95.297 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.012 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

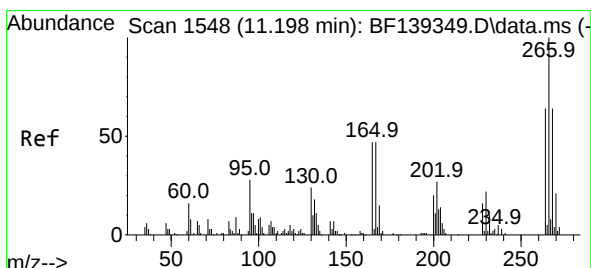
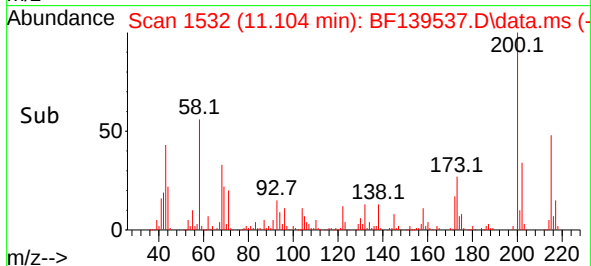
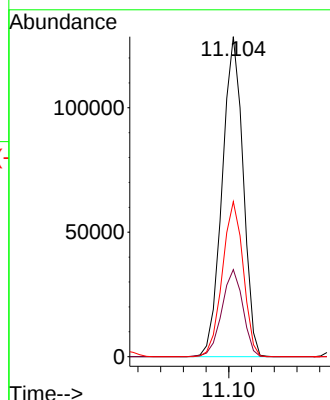
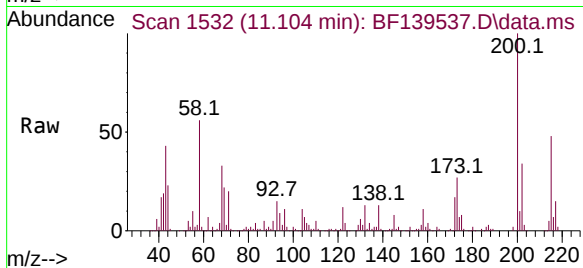
Tgt Ion:200 Resp: 164679

Ion Ratio Lower Upper

200 100

173 27.2 6.1 46.1

215 48.5 28.2 68.2



#70

Pentachlorophenol

Concen: 117.790 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

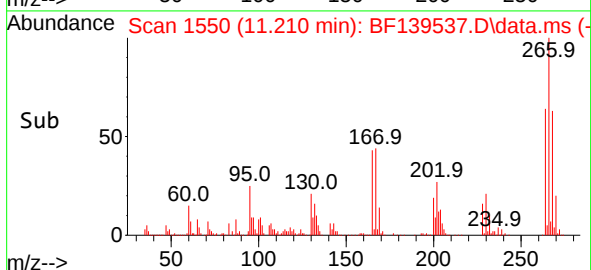
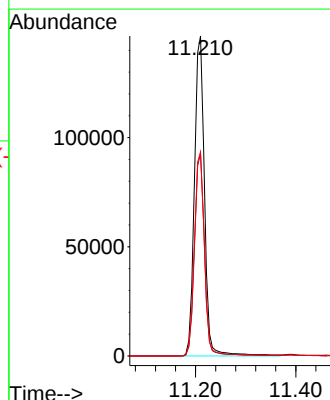
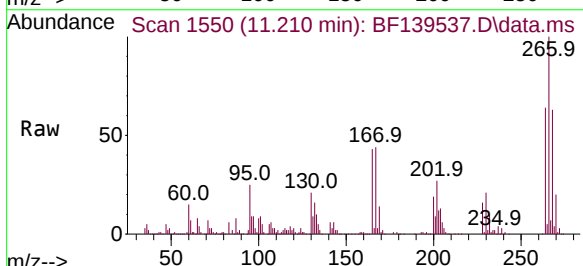
Tgt Ion:266 Resp: 204085

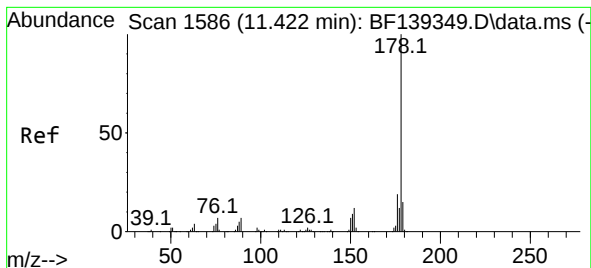
Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

264 63.8 51.4 77.0





#71

Phenanthrene

Concen: 68.566 ng

RT: 11.428 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

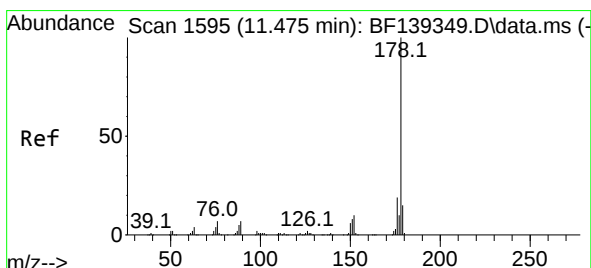
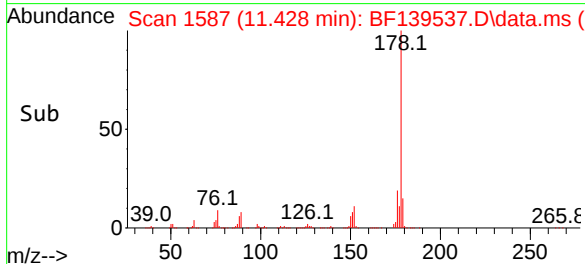
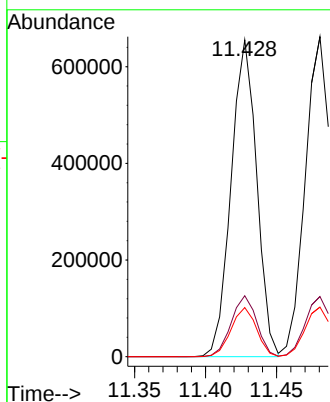
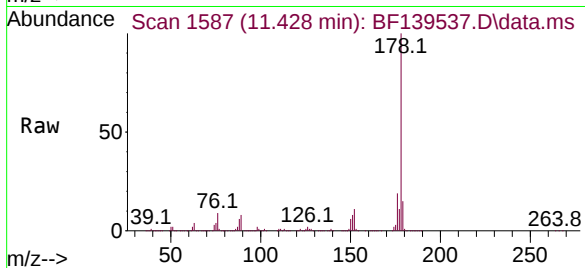
Tgt Ion:178 Resp: 821295

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.5 12.2 18.4



#72

Anthracene

Concen: 71.733 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

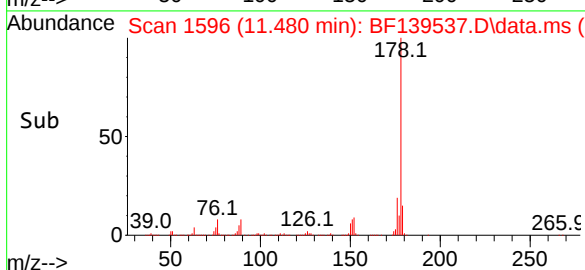
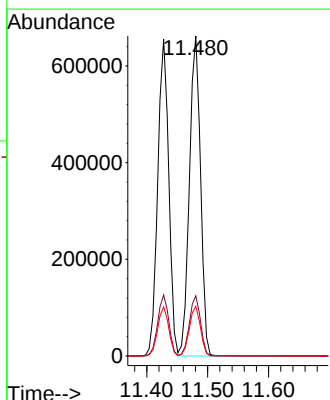
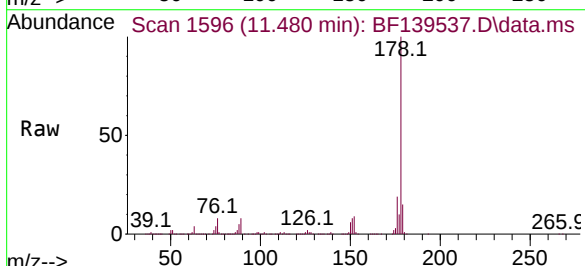
Tgt Ion:178 Resp: 840087

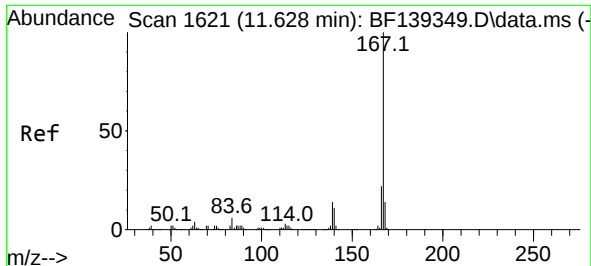
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.5 12.0 18.0

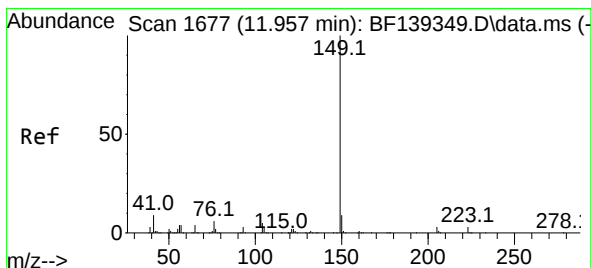
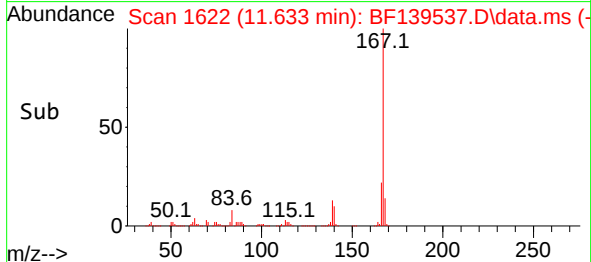
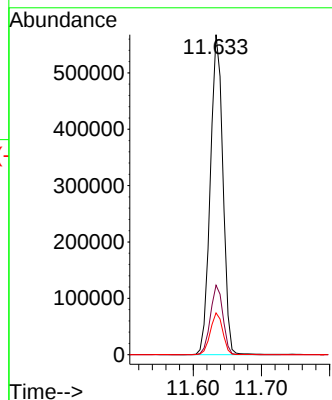
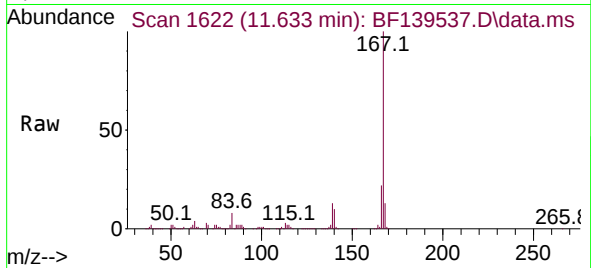




#73
Carbazole
Concen: 65.216 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

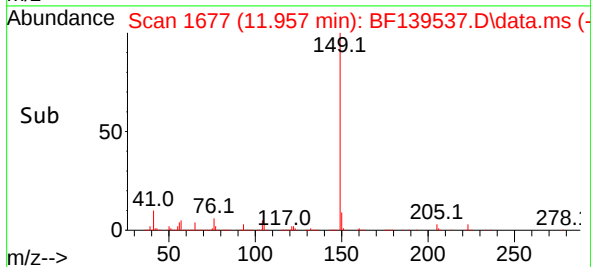
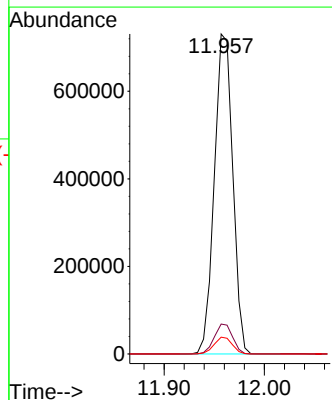
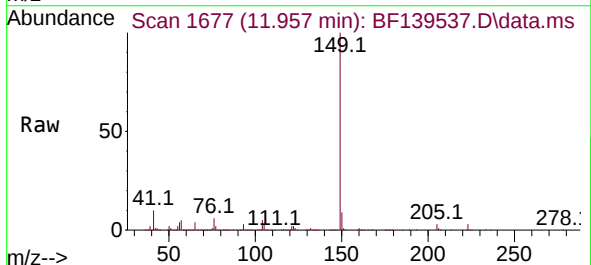
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

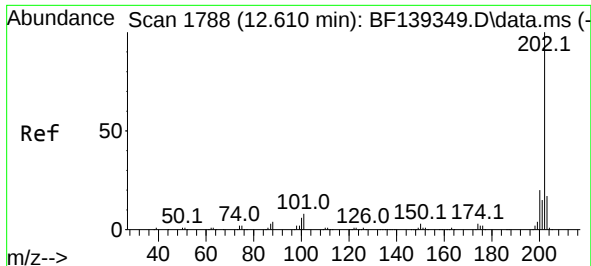
Tgt Ion:167 Resp: 730994
Ion Ratio Lower Upper
167 100
166 21.7 17.5 26.3
139 13.0 10.9 16.3



#74
Di-n-butylphthalate
Concen: 74.792 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:149 Resp: 933881
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 5.2 4.3 6.5

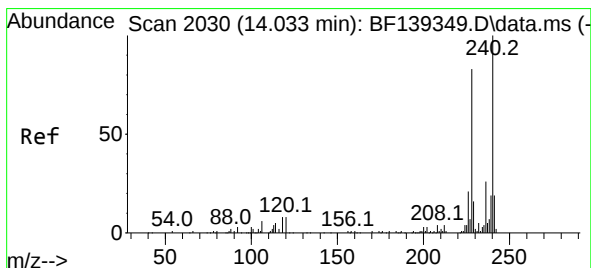
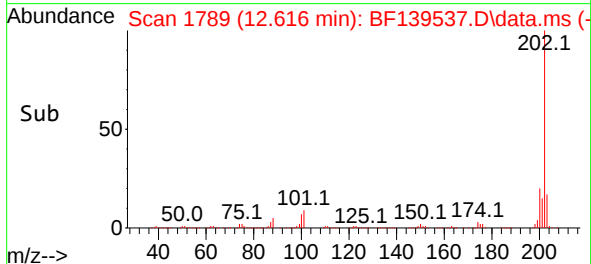
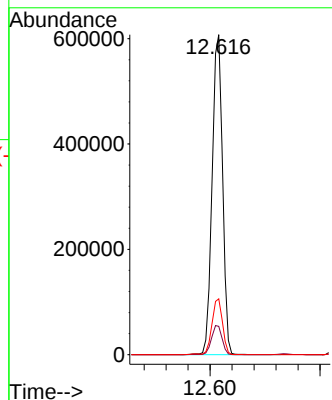
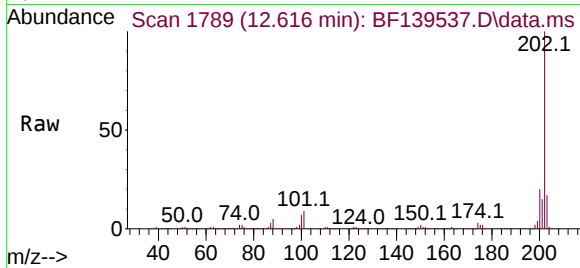




#75
Fluoranthene
Concen: 62.533 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

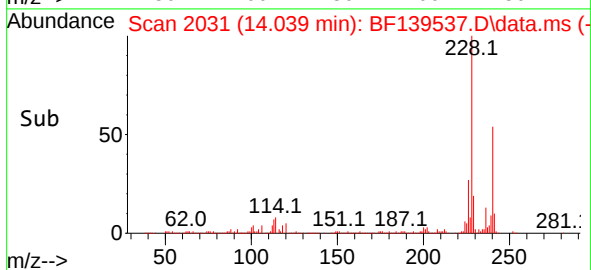
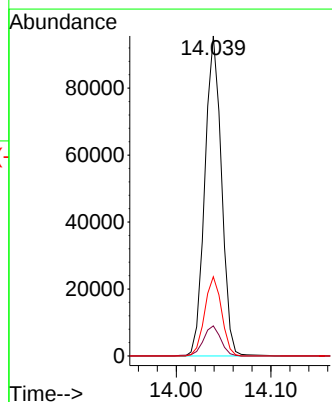
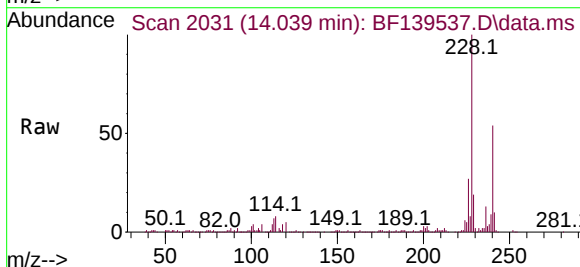
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

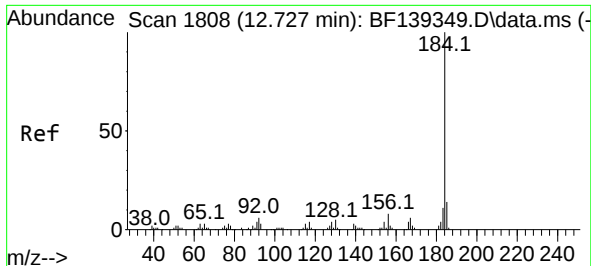
Tgt Ion:202 Resp: 799895
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.7
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:240 Resp: 116771
Ion Ratio Lower Upper
240 100
120 9.4 6.2 9.2#
236 24.8 20.9 31.3

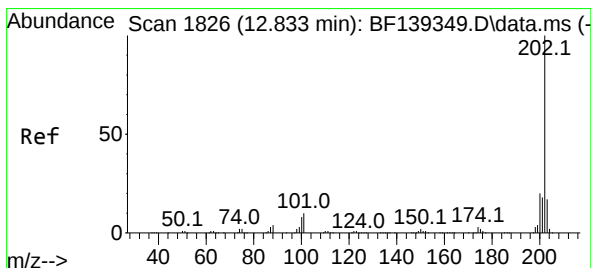
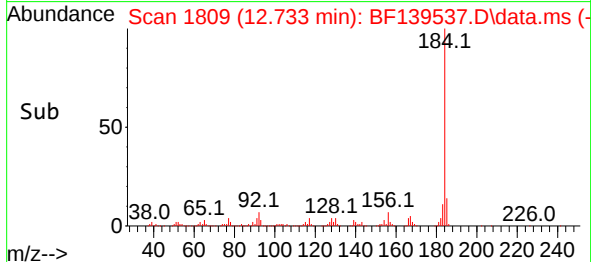
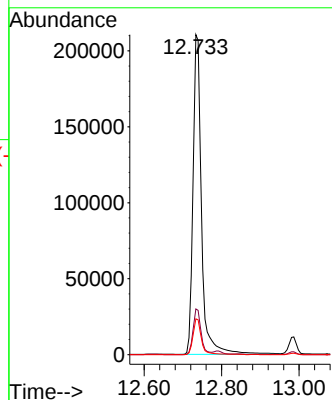
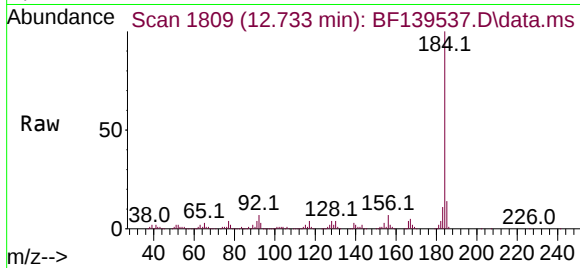




#77
Benzidine
Concen: 193.021 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

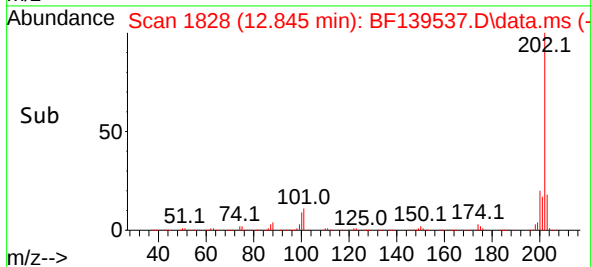
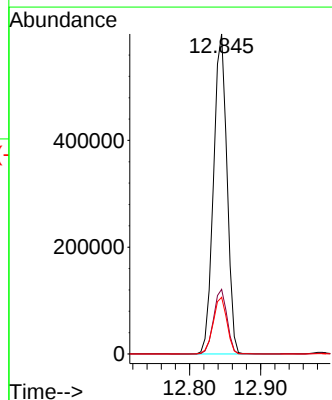
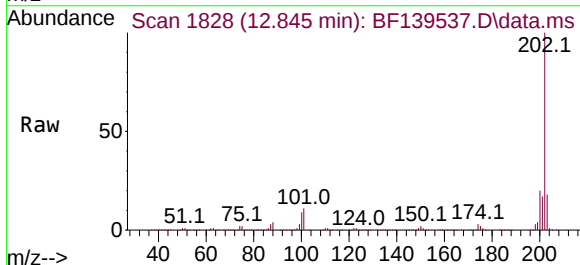
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

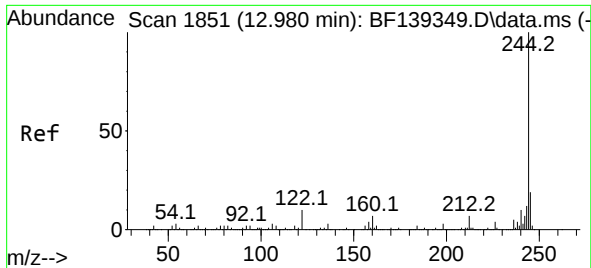
Tgt Ion:184 Resp: 322922
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.2 8.9 13.3



#78
Pyrene
Concen: 78.598 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:202 Resp: 788055
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.7 13.9 20.9

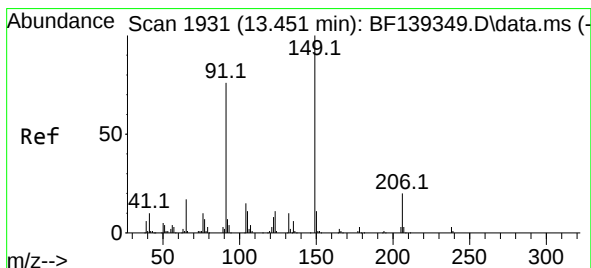
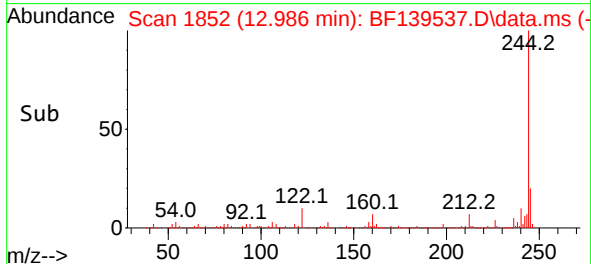
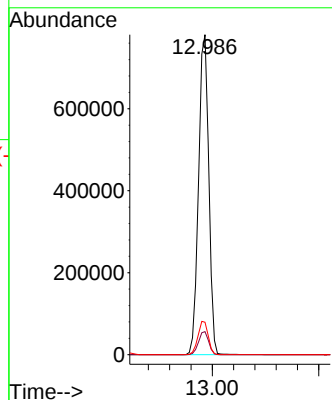
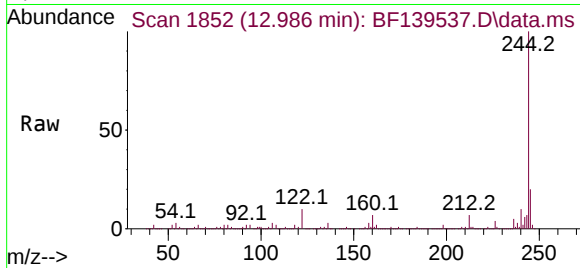




#79
 Terphenyl-d14
 Concen: 145.364 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF139537.D
 Acq: 25 Sep 2024 19:18

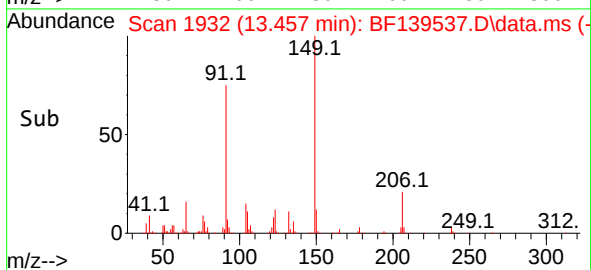
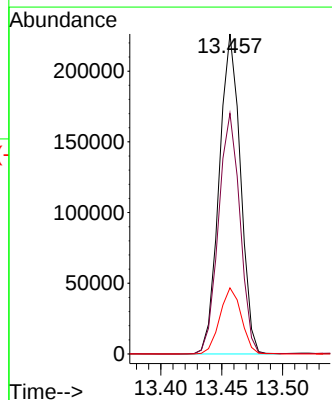
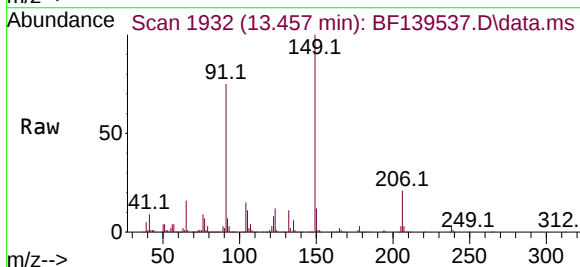
Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILEMSD

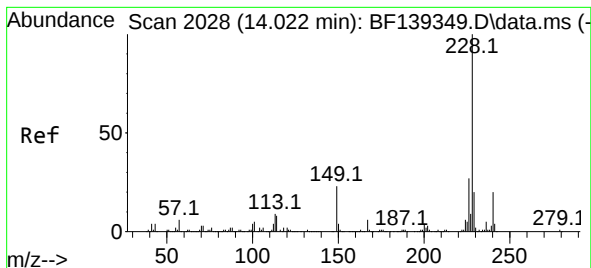
Tgt Ion:244 Resp: 1034141
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.2 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 80.742 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139537.D
 Acq: 25 Sep 2024 19:18

Tgt Ion:149 Resp: 275554
 Ion Ratio Lower Upper
 149 100
 91 75.2 60.9 91.3
 206 20.7 15.8 23.8





#81

Benzo(a)anthracene

Concen: 70.141 ng

RT: 14.027 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

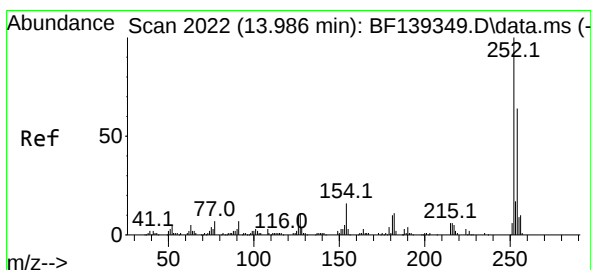
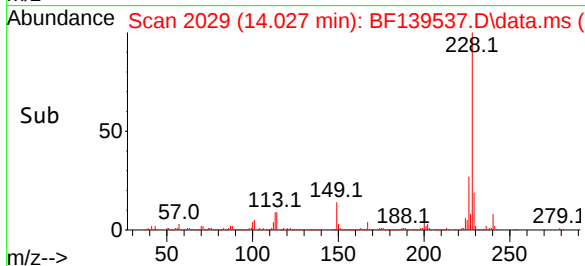
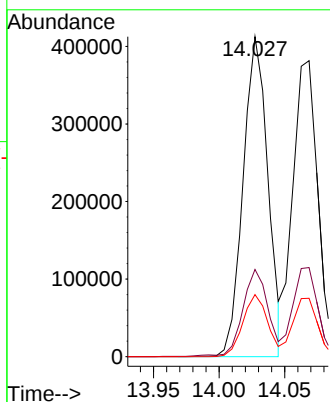
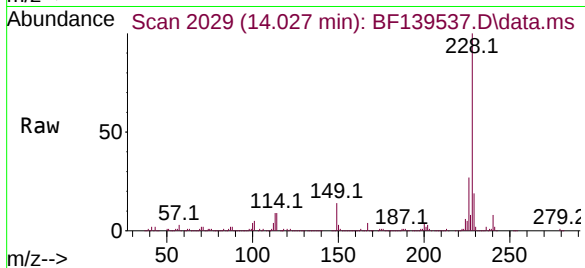
Tgt Ion:228 Resp: 542529

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 66.648 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

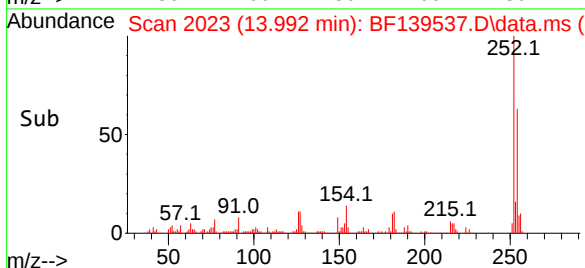
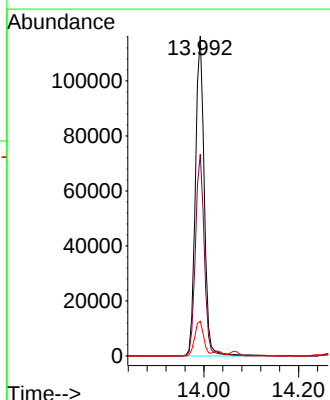
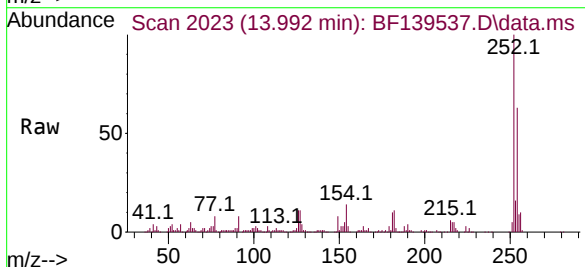
Tgt Ion:252 Resp: 150968

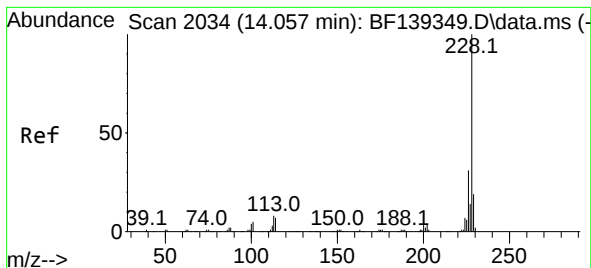
Ion Ratio Lower Upper

252 100

254 63.0 51.4 77.2

126 10.9 7.7 11.5





#83

Chrysene

Concen: 70.916 ng

RT: 14.069 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

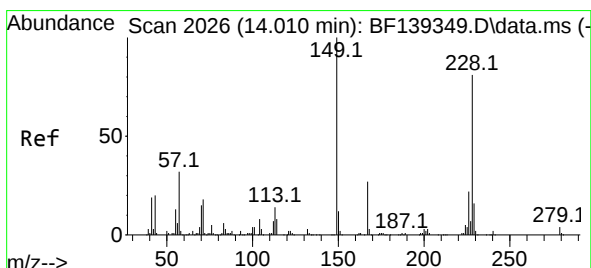
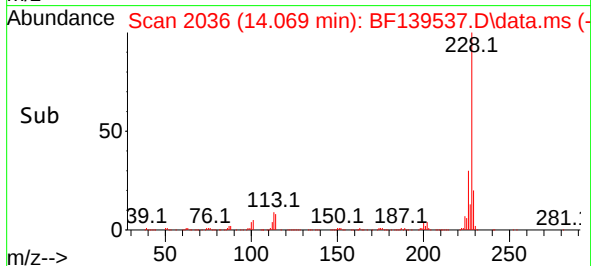
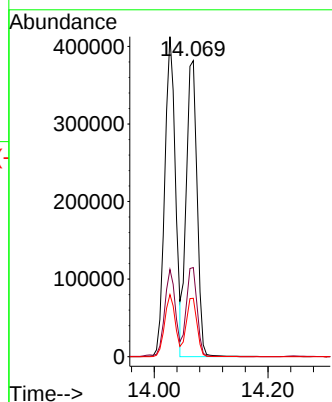
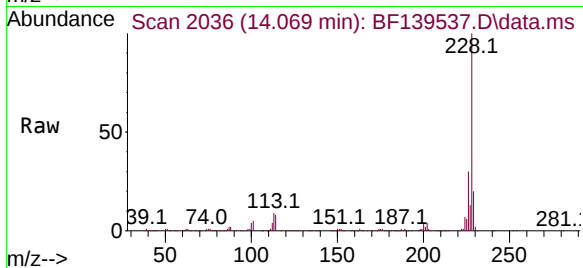
Tgt Ion:228 Resp: 504649

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.679 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

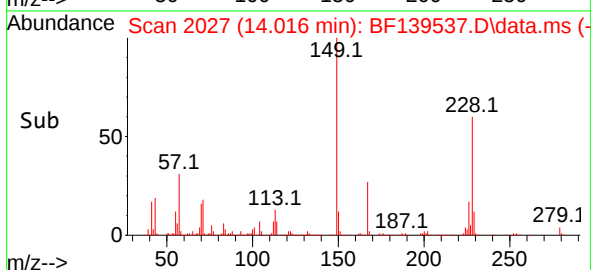
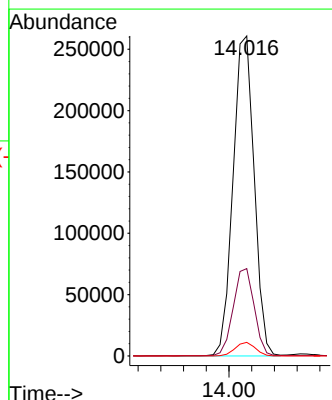
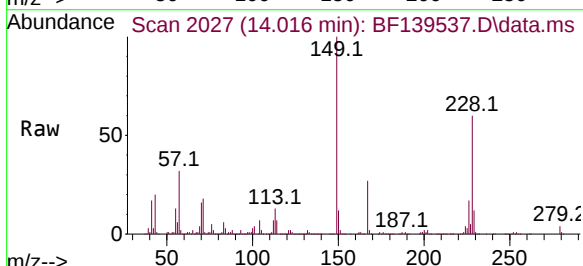
Tgt Ion:149 Resp: 337242

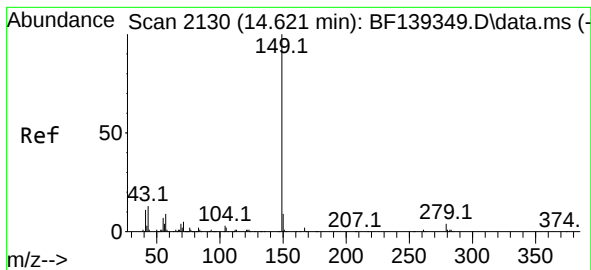
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 80.904 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

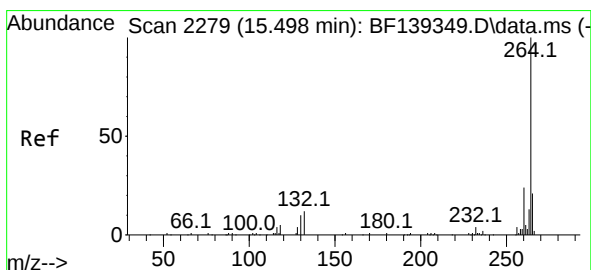
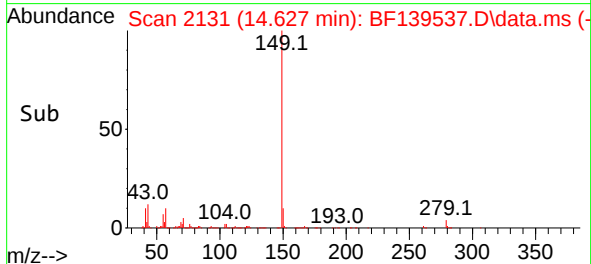
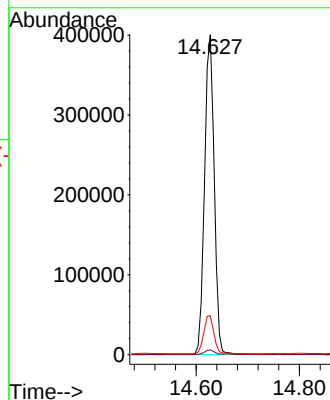
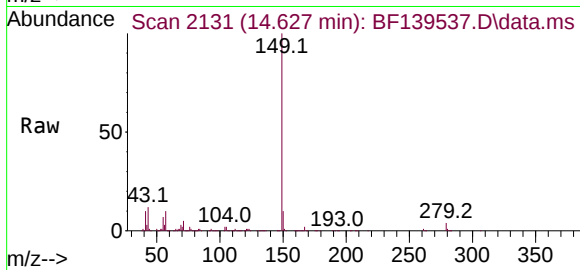
Tgt Ion:149 Resp: 517279

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.4 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

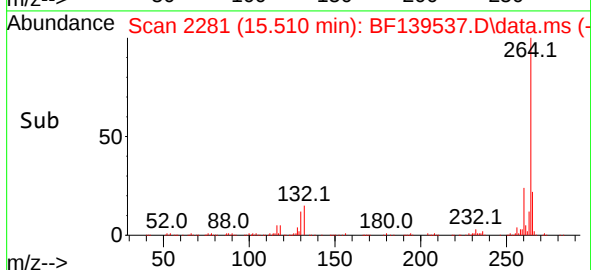
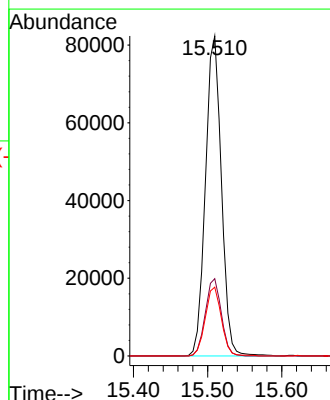
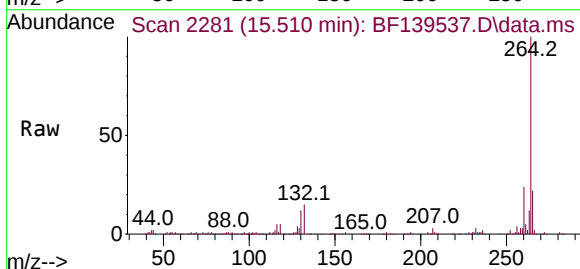
Tgt Ion:264 Resp: 122873

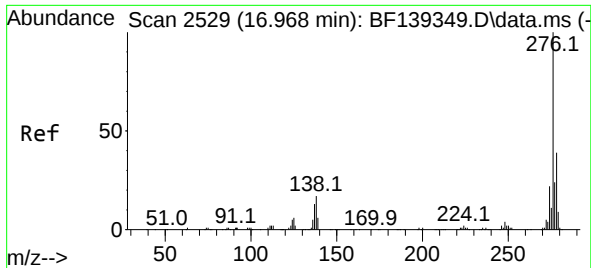
Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.5 16.6 25.0

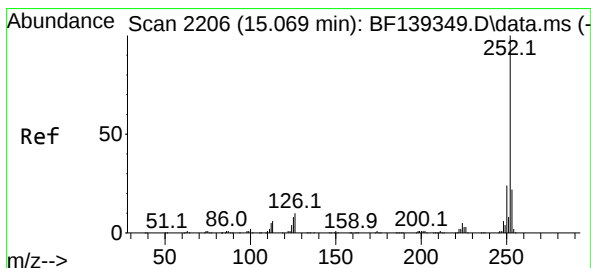
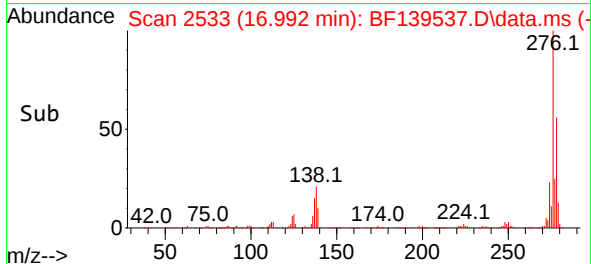
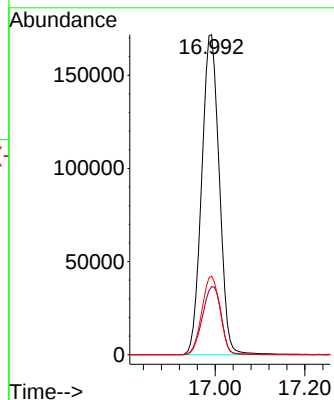
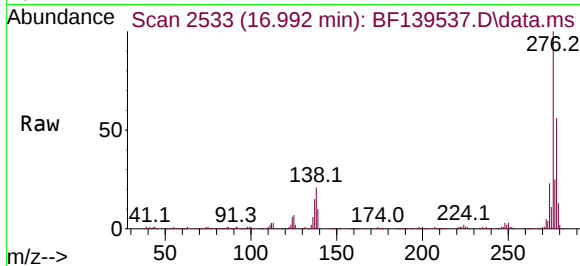




#87
Indeno(1,2,3-cd)pyrene
Concen: 63.957 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

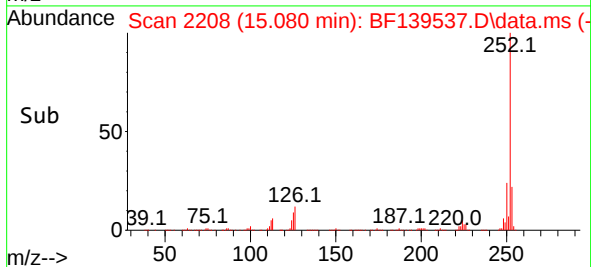
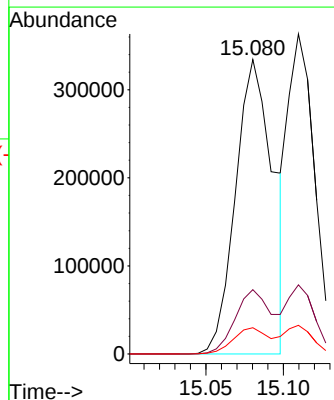
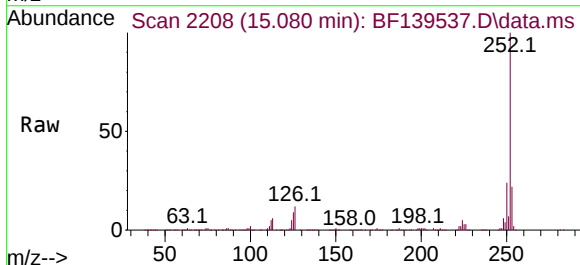
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

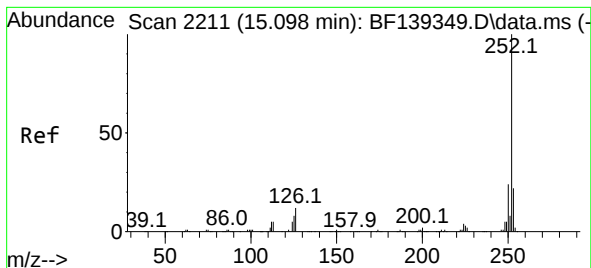
Tgt Ion:276 Resp: 467294
Ion Ratio Lower Upper
276 100
138 22.7 15.4 23.2
277 25.3 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 74.478 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:252 Resp: 564393
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.9 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 61.925 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

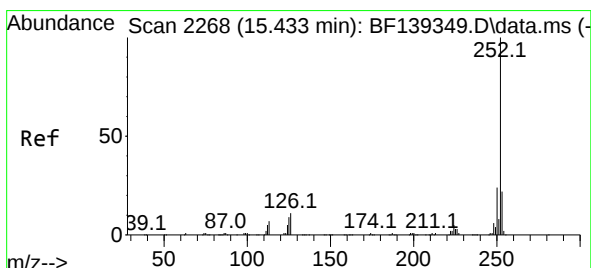
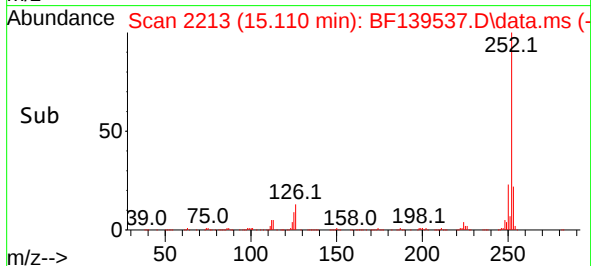
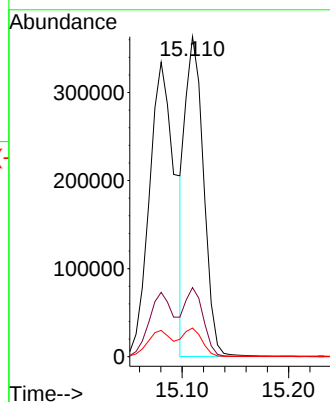
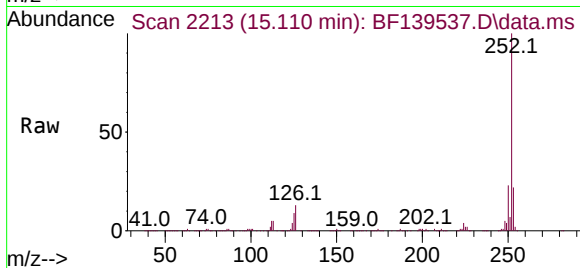
Tgt Ion:252 Resp: 432678

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.0 5.9 8.9#



#90

Benzo(a)pyrene

Concen: 75.547 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.018 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

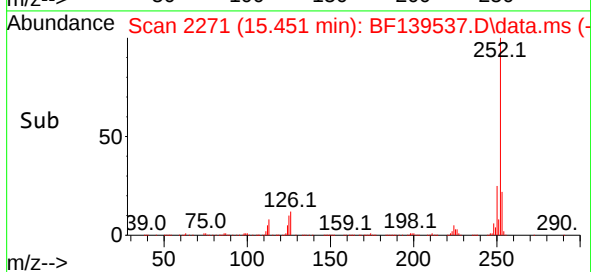
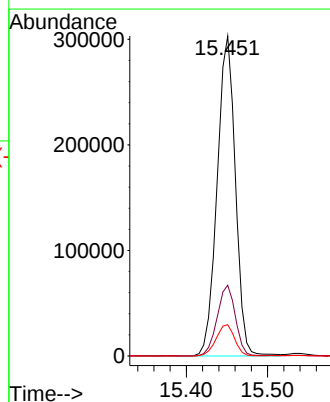
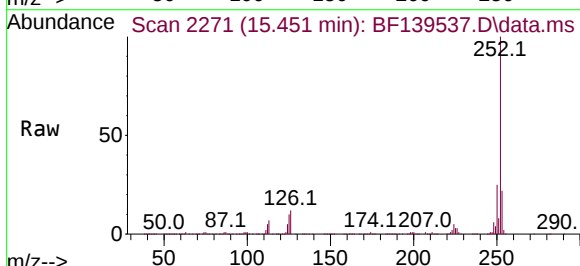
Tgt Ion:252 Resp: 474801

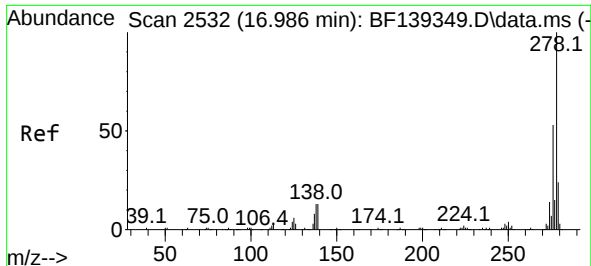
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.8 6.8 10.2

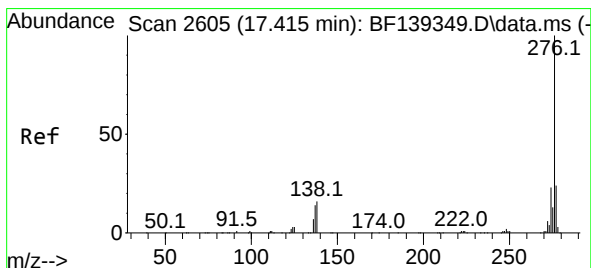
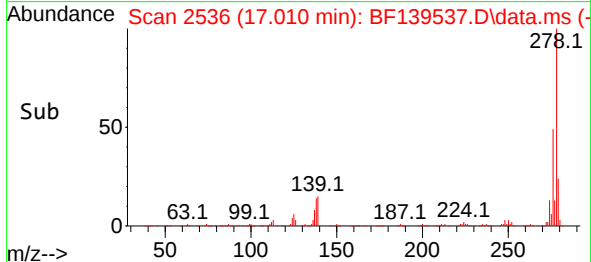
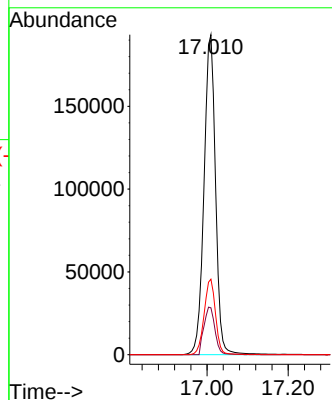
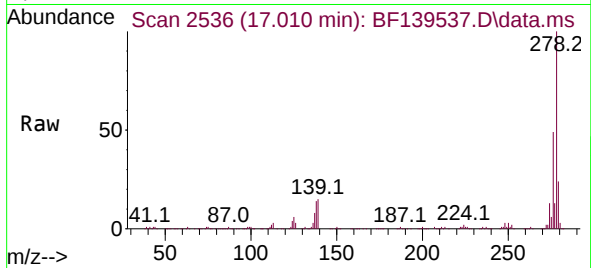




#91
Dibenzo(a,h)anthracene
Concen: 63.224 ng
RT: 17.010 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion:278 Resp: 381713
Ion Ratio Lower Upper
278 100
139 14.7 10.2 15.2
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 54.229 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:276 Resp: 324172
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 19.7 13.0 19.6#

