

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139409.D
 Acq On : 17 Sep 2024 18:33
 Operator : RC/JU
 Sample : P4002-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Quant Time: Sep 18 00:47:19 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	57932	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	206093	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	95833	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	142428	20.000	ng	0.00
76) Chrysene-d12	14.033	240	90734	20.000	ng	0.00
86) Perylene-d12	15.504	264	64580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	431762	121.583	ng	0.01
7) Phenol-d6	6.510	99	563893	120.977	ng	0.00
23) Nitrobenzene-d5	7.445	82	380908	86.888	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	109458	107.285	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	629015	92.057	ng	0.00
79) Terphenyl-d14	12.980	244	462561	83.678	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	58672	41.181	ng	98
3) Pyridine	3.481	79	150513	47.915	ng	95
4) n-Nitrosodimethylamine	3.440	42	128081	47.042	ng	98
6) Aniline	6.540	93	96244	27.361	ng	# 50
8) 2-Chlorophenol	6.663	128	182299	49.870	ng	99
9) Benzaldehyde	6.428	77	40208	14.930	ng	99
10) Phenol	6.528	94	236374	49.791	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	177100	49.082	ng	100
12) 1,3-Dichlorobenzene	6.822	146	199247	47.927	ng	99
13) 1,4-Dichlorobenzene	6.898	146	201053	47.857	ng	99
14) 1,2-Dichlorobenzene	7.051	146	187082	47.128	ng	99
15) Benzyl Alcohol	7.022	79	183511	49.347	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	314969	56.641	ng	96
17) 2-Methylphenol	7.134	107	145359	50.049	ng	98
18) Hexachloroethane	7.393	117	74903	46.810	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	145877	52.813	ng	99
20) 3+4-Methylphenols	7.287	107	192926	48.689	ng	# 87
22) Acetophenone	7.287	105	269827	50.080	ng	98
24) Nitrobenzene	7.463	77	215971	47.866	ng	99
25) Isophorone	7.698	82	371122	53.528	ng	99
26) 2-Nitrophenol	7.781	139	93062	52.941	ng	96
27) 2,4-Dimethylphenol	7.816	122	146176	63.041	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	214011	54.161	ng	98
29) 2,4-Dichlorophenol	8.022	162	145094	49.256	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	162250	47.273	ng	99
31) Naphthalene	8.187	128	534954	49.720	ng	100
32) Benzoic acid	7.928	122	94476	43.538	ng	95
33) 4-Chloroaniline	8.234	127	32434	9.854	ng	98
34) Hexachlorobutadiene	8.298	225	113014	48.466	ng	100
35) Caprolactam	8.598	113	41123	45.383	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	153385	45.562	ng	97
37) 2-Methylnaphthalene	8.875	142	328218	48.061	ng	99
38) 1-Methylnaphthalene	8.975	142	301074	44.905	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	157374	55.410	ng	99
41) Hexachlorocyclopentadiene	9.022	237	81110	81.791	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	100940	54.627	ng	99

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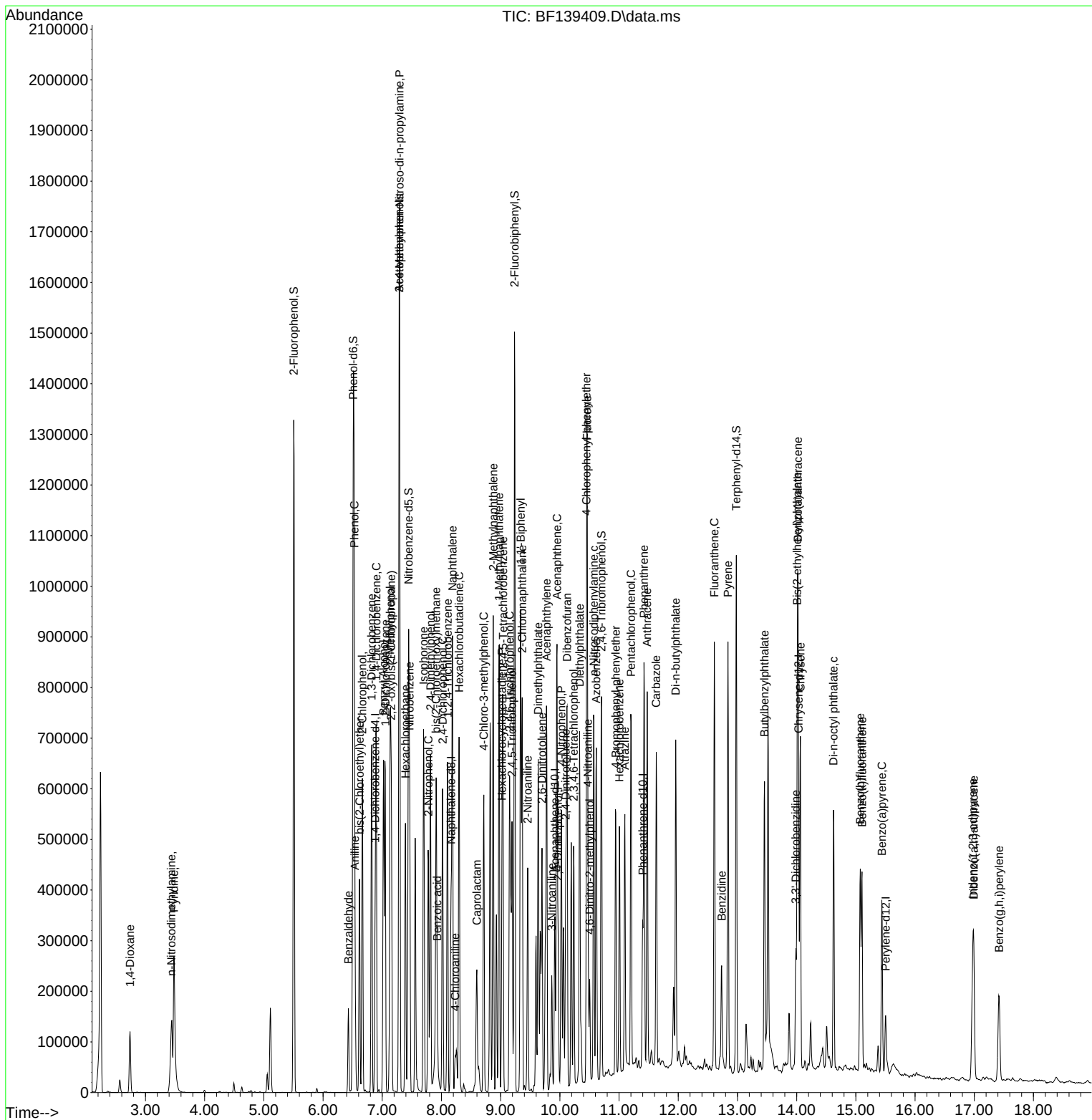
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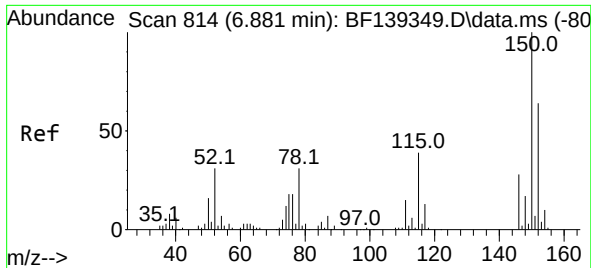
Quant Time: Sep 18 00:47:19 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	95438	48.964	ng	97
46) 1,1'-Biphenyl	9.339	154	399219	54.148	ng	99
47) 2-Chloronaphthalene	9.363	162	287810	52.210	ng	100
48) 2-Nitroaniline	9.457	65	103247	50.355	ng	98
49) Acenaphthylene	9.775	152	441130	53.161	ng	100
50) Dimethylphthalate	9.634	163	349774	55.608	ng	100
51) 2,6-Dinitrotoluene	9.698	165	69375	49.788	ng	98
52) Acenaphthene	9.951	154	297818	51.424	ng	100
53) 3-Nitroaniline	9.863	138	38353	27.541	ng	97
54) 2,4-Dinitrophenol	9.969	184	44579	57.415	ng	97
55) Dibenzofuran	10.122	168	394420	48.862	ng	98
56) 4-Nitrophenol	10.028	139	96926	84.117	ng	89
57) 2,4-Dinitrotoluene	10.098	165	87480	46.502	ng	99
58) Fluorene	10.463	166	298658	45.346	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	74159	45.994	ng	97
60) Diethylphthalate	10.334	149	335902	51.749	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	153469	47.947	ng	99
62) 4-Nitroaniline	10.475	138	54929	36.142	ng	94
63) Azobenzene	10.616	77	326802	51.189	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	28427	37.816	ng	98
66) n-Nitrosodiphenylamine	10.575	169	249257	59.858	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	80563	57.079	ng	100
68) Hexachlorobenzene	11.004	284	86339	52.122	ng	96
69) Atrazine	11.098	200	76705	77.375	ng	98
70) Pentachlorophenol	11.204	266	102240	102.861	ng	99
71) Phenanthrene	11.422	178	405241	58.974	ng	100
72) Anthracene	11.475	178	375273	55.857	ng	99
73) Carbazole	11.628	167	334979	52.094	ng	99
74) Di-n-butylphthalate	11.957	149	417201	58.243	ng	100
75) Fluoranthene	12.610	202	469806	64.022	ng	99
77) Benzidine	12.733	184	108639	83.572	ng	99
78) Pyrene	12.839	202	486862	62.492	ng	100
80) Butylbenzylphthalate	13.457	149	167379	63.119	ng	98
81) Benzo(a)anthracene	14.022	228	363834	60.536	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	64902	36.874	ng	97
83) Chrysene	14.063	228	310378	56.132	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	222565	65.976	ng	98
85) Di-n-octyl phthalate	14.621	149	319120	64.234	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.974	276	203778	53.066	ng	99
88) Benzo(b)fluoranthene	15.074	252	244927	61.495	ng	98
89) Benzo(k)fluoranthene	15.104	252	216199	58.873	ng	100
90) Benzo(a)pyrene	15.439	252	202854	61.411	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	153622	48.413	ng	100
92) Benzo(g,h,i)perylene	17.421	276	154564	49.195	ng	98

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

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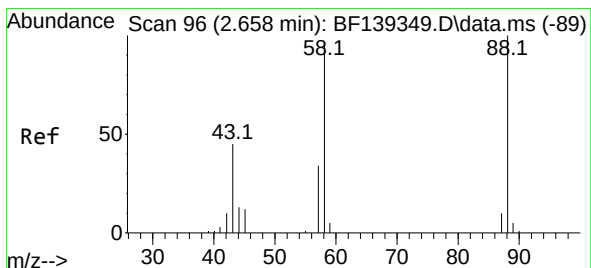
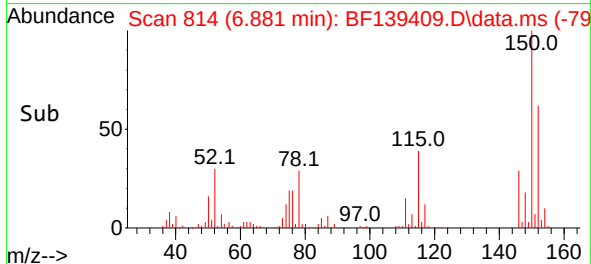
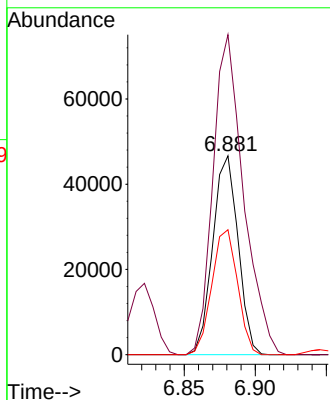
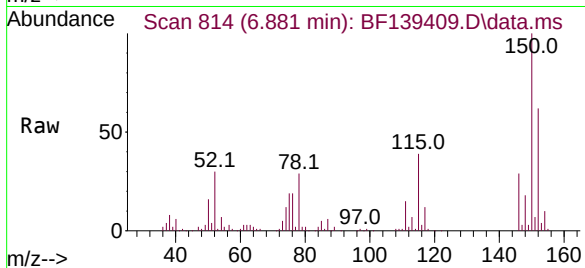




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139409.D
 Acq: 17 Sep 2024 18:33

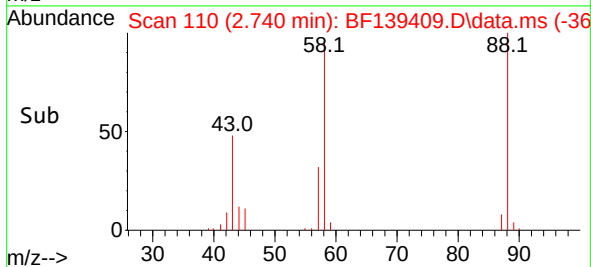
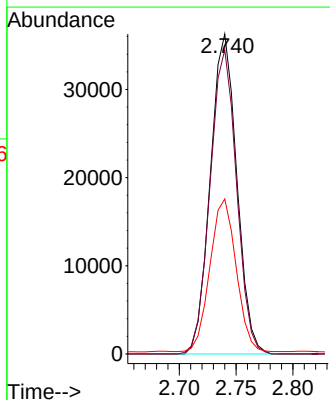
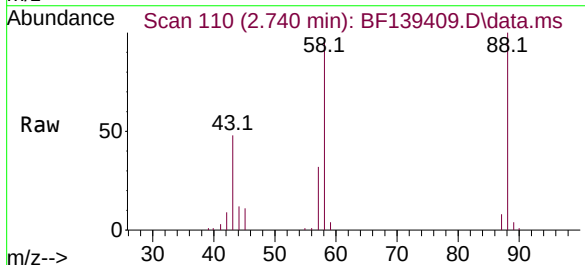
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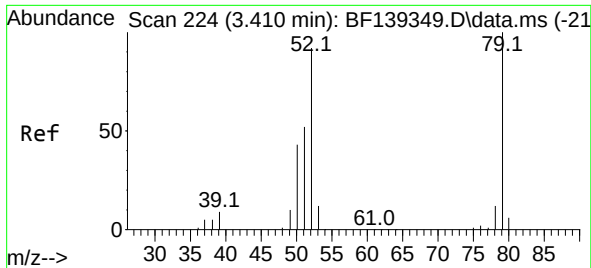
Tgt Ion:152 Resp: 57932
 Ion Ratio Lower Upper
 152 100
 150 160.9 124.1 186.1
 115 62.9 48.1 72.1



#2
 1,4-Dioxane
 Concen: 41.181 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.082 min
 Lab File: BF139409.D
 Acq: 17 Sep 2024 18:33

Tgt Ion: 88 Resp: 58672
 Ion Ratio Lower Upper
 88 100
 58 95.2 74.8 112.2
 43 47.1 36.4 54.6





#3

Pyridine

Concen: 47.915 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

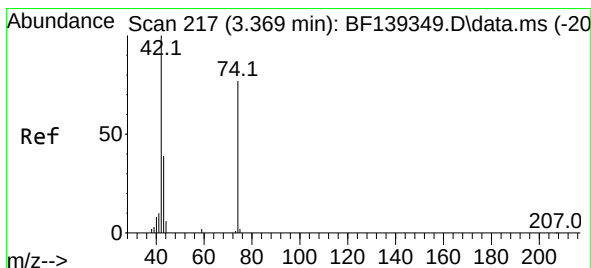
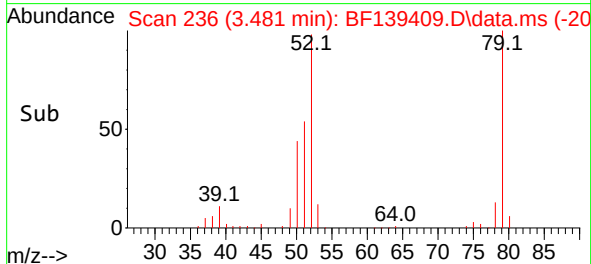
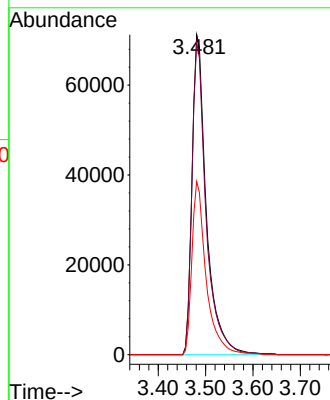
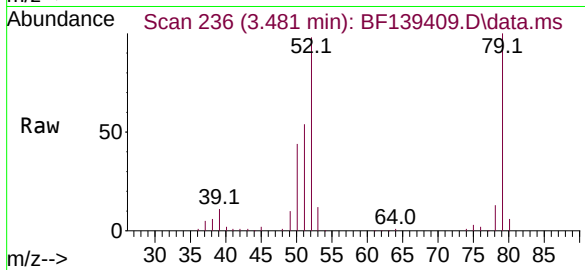
Tgt Ion: 79 Resp: 150513

Ion Ratio Lower Upper

79 100

52 97.6 73.8 110.8

51 54.2 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 47.042 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.071 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

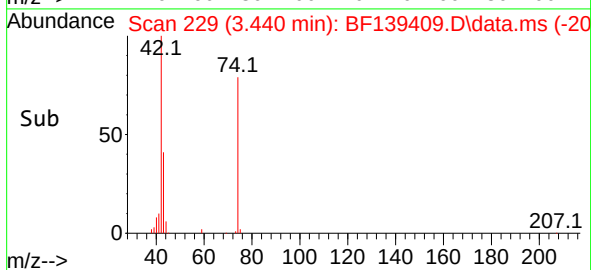
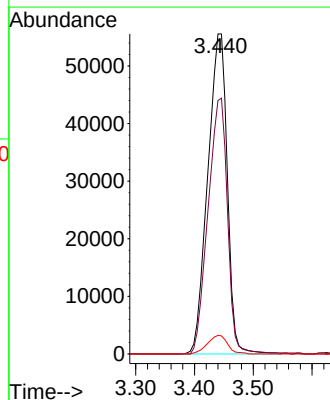
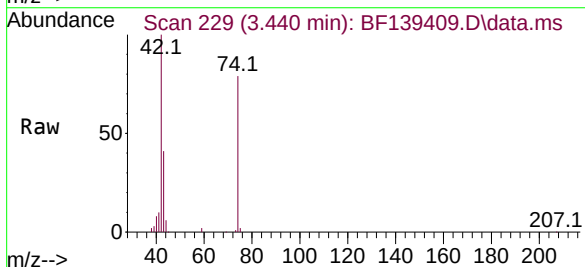
Tgt Ion: 42 Resp: 128081

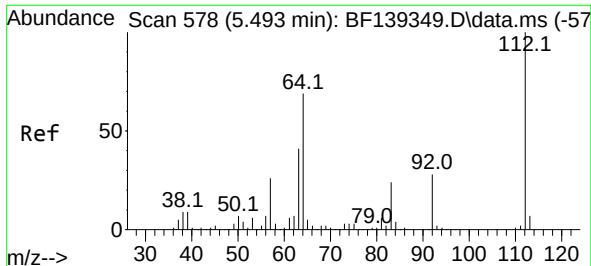
Ion Ratio Lower Upper

42 100

74 79.2 61.8 92.8

44 5.8 4.8 7.2

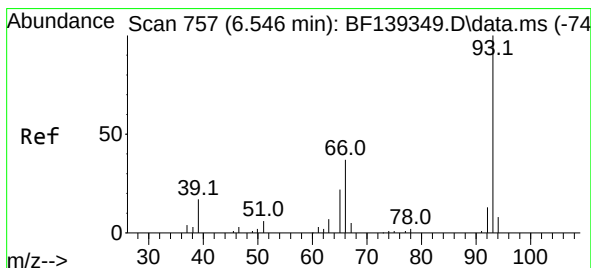
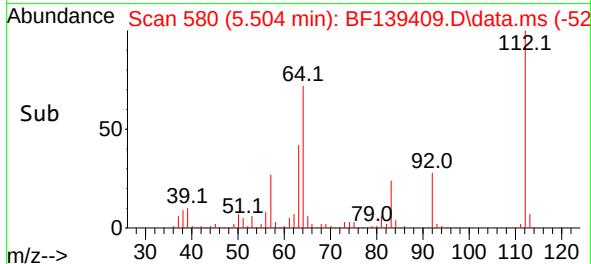
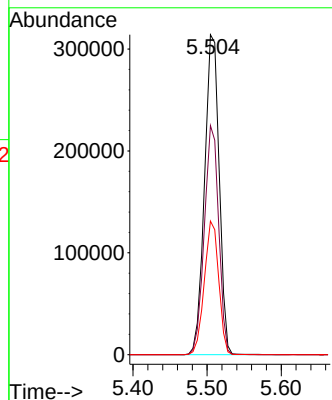
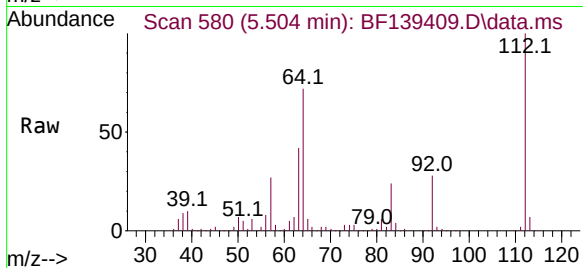




#5
2-Fluorophenol
Concen: 121.583 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

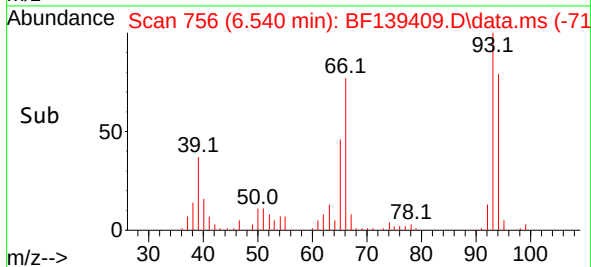
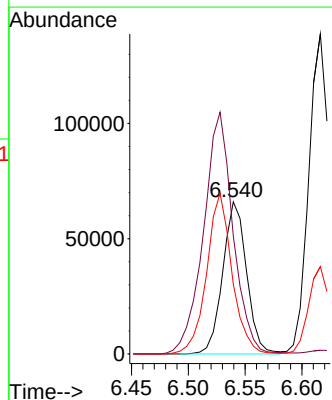
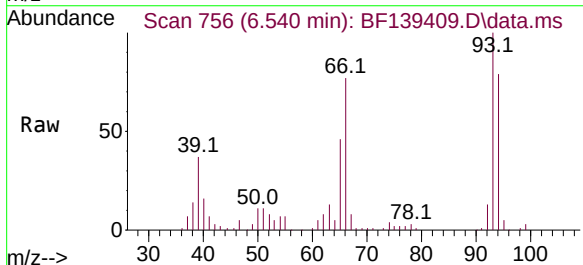
Instrument :
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TP-2MSD

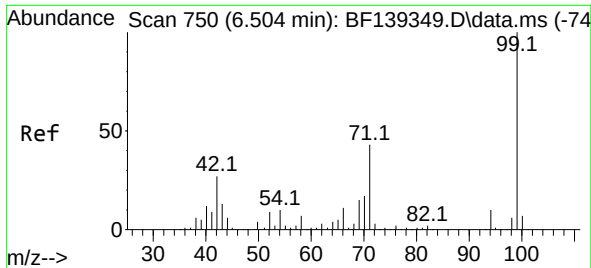
Tgt Ion:112 Resp: 431762
Ion Ratio Lower Upper
112 100
64 71.6 54.8 82.2
63 41.7 33.0 49.4



#6
Aniline
Concen: 27.361 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion: 93 Resp: 96244
Ion Ratio Lower Upper
93 100
66 77.4 35.4 53.0#
65 45.7 18.2 27.4#

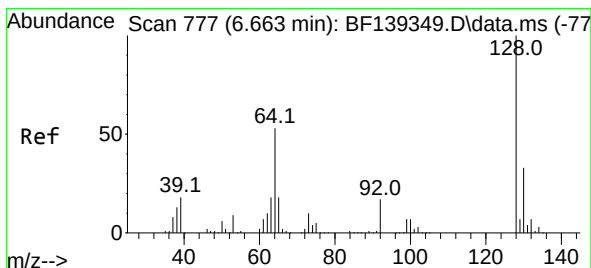
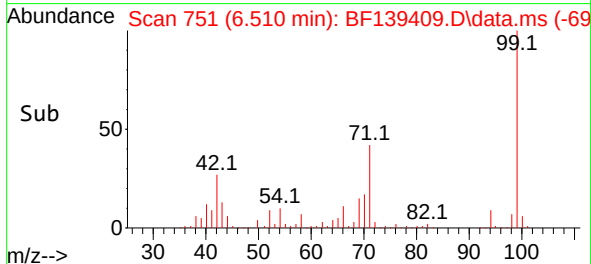
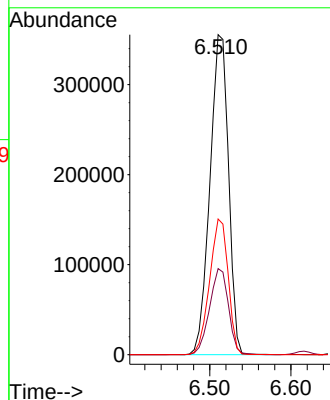
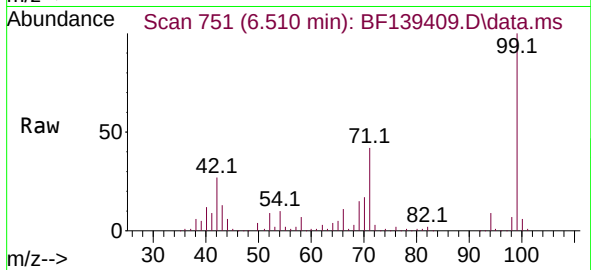




#7
Phenol-d6
Concen: 120.977 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

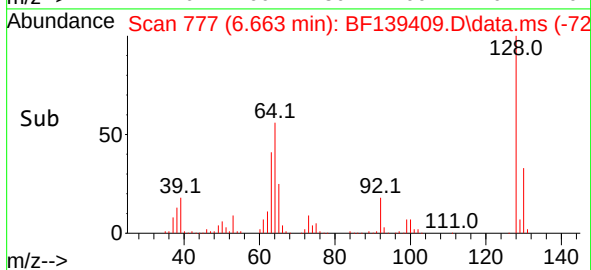
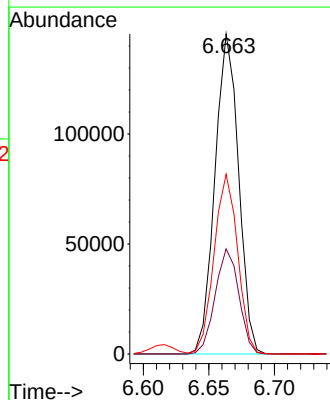
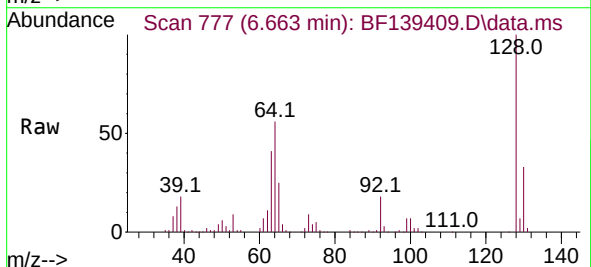
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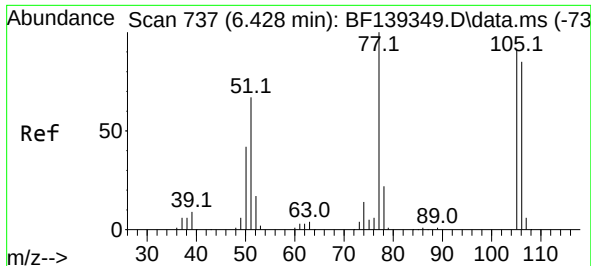
Tgt Ion: 99 Resp: 563893
Ion Ratio Lower Upper
99 100
42 26.9 21.9 32.9
71 42.4 34.6 52.0



#8
2-Chlorophenol
Concen: 49.870 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion: 128 Resp: 182299
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 56.1 35.1 75.1

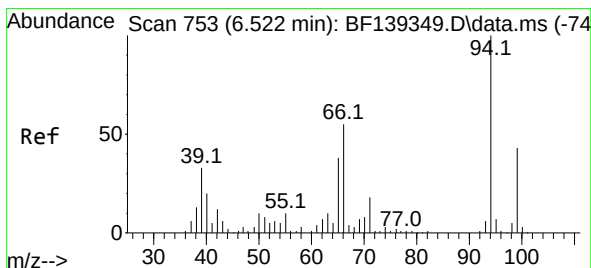
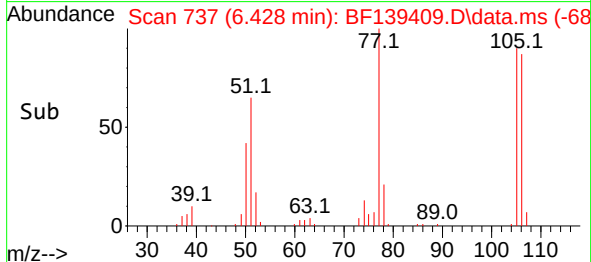
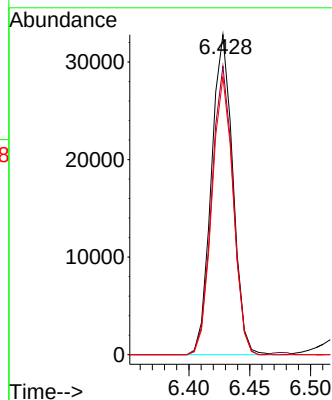
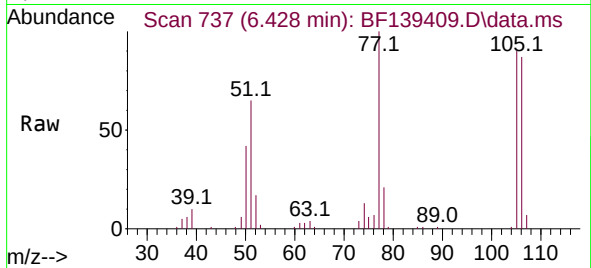




#9
Benzaldehyde
Concen: 14.930 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

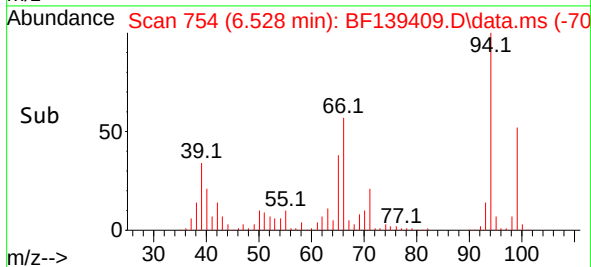
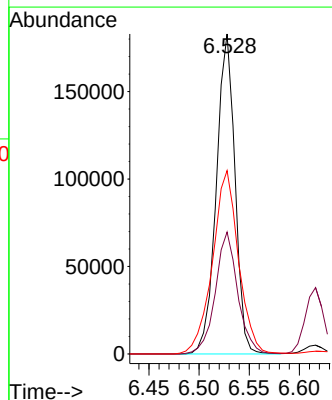
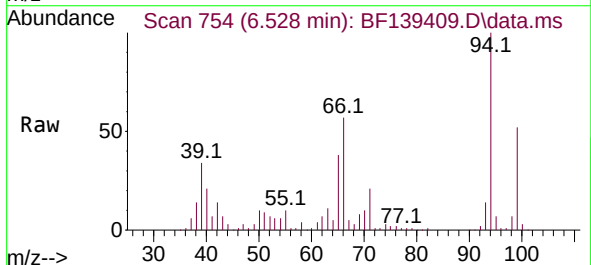
Instrument :
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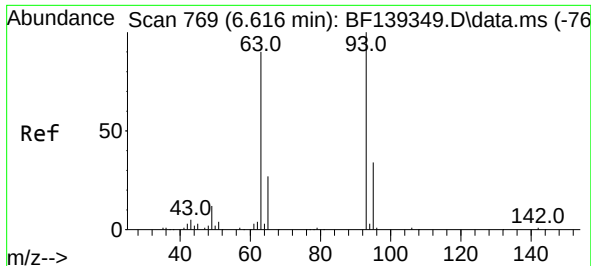
Tgt Ion: 77 Resp: 40208
Ion Ratio Lower Upper
77 100
105 90.1 71.0 111.0
106 86.8 64.9 104.9



#10
Phenol
Concen: 49.791 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion: 94 Resp: 236374
Ion Ratio Lower Upper
94 100
65 38.1 17.6 57.6
66 57.3 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 49.082 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

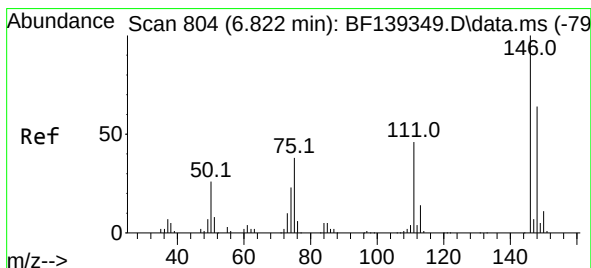
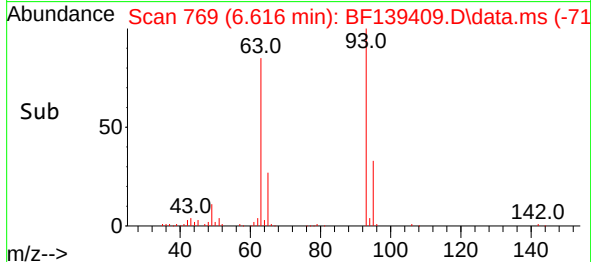
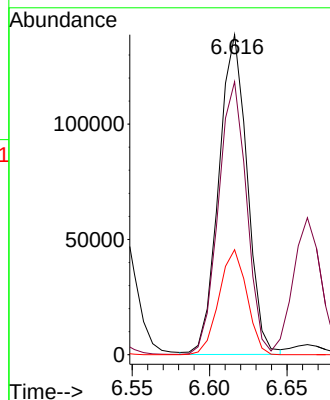
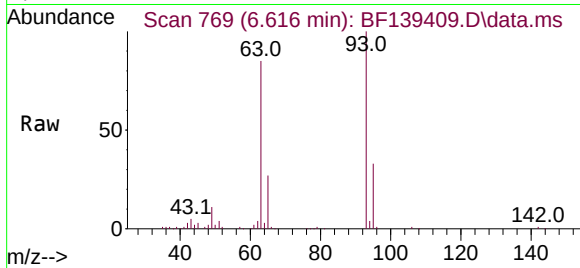
Tgt Ion: 93 Resp: 177100

Ion Ratio Lower Upper

93 100

63 85.3 65.3 105.3

95 32.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 47.927 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

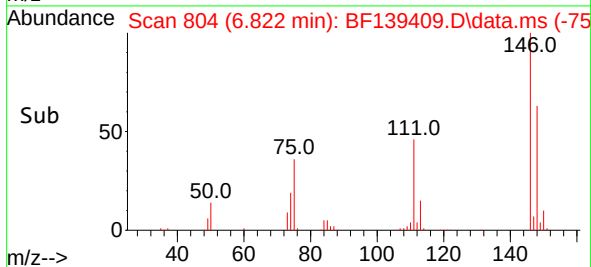
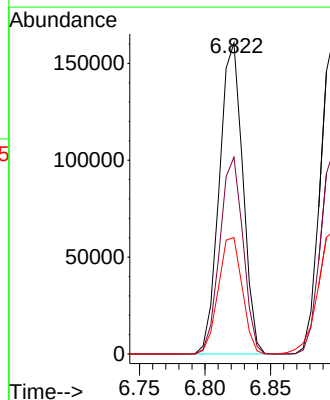
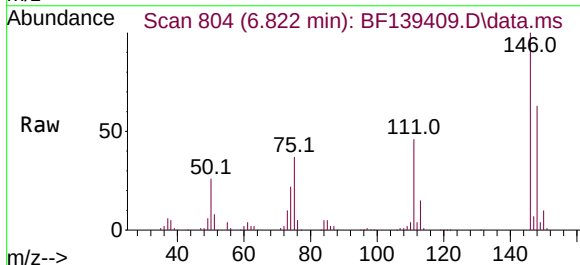
Tgt Ion:146 Resp: 199247

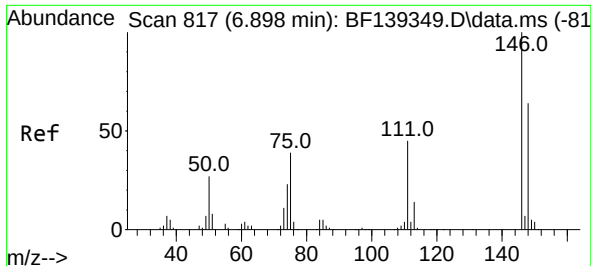
Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

75 37.5 30.6 46.0

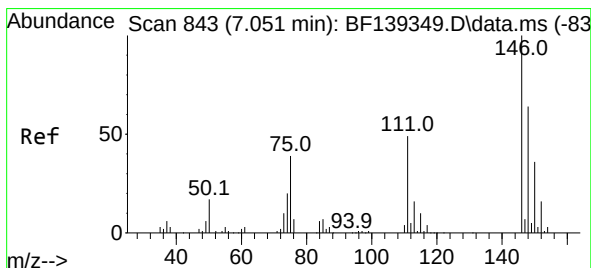
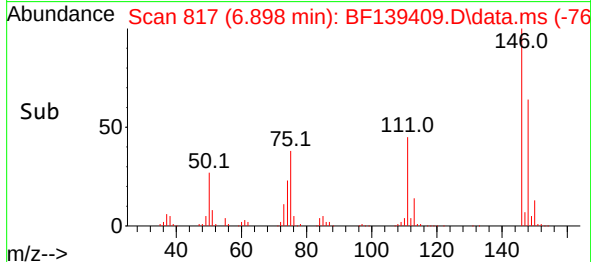
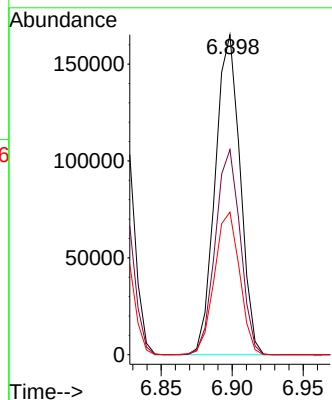
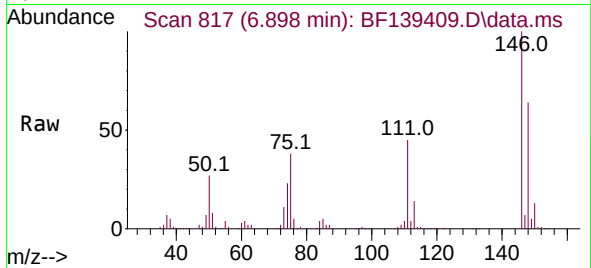




#13
1,4-Dichlorobenzene
Concen: 47.857 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

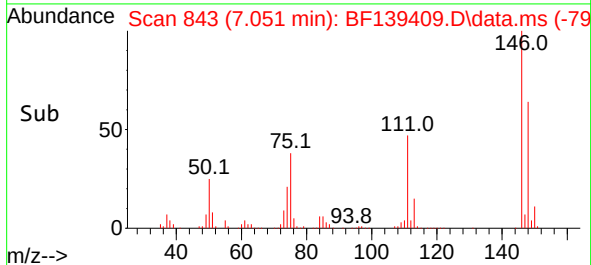
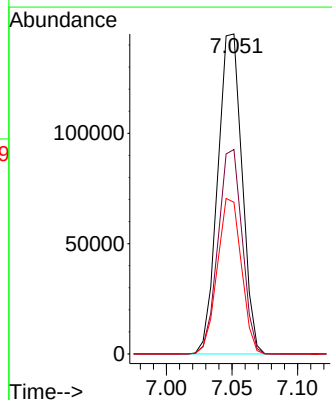
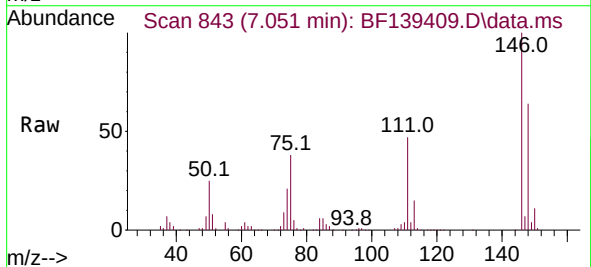
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

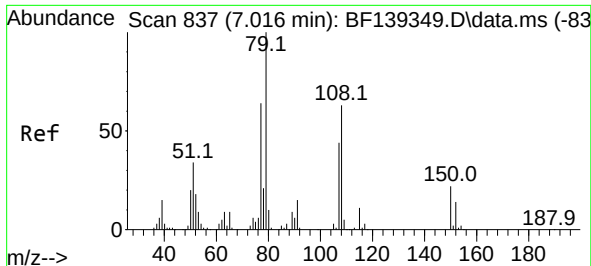
Tgt Ion:146 Resp: 201053
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
111 44.6 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 47.128 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:146 Resp: 187082
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 47.4 38.9 58.3

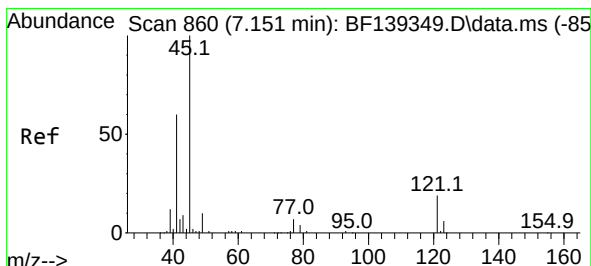
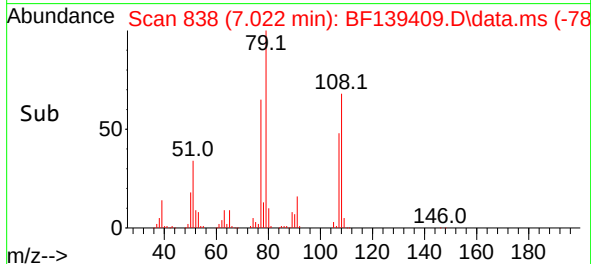
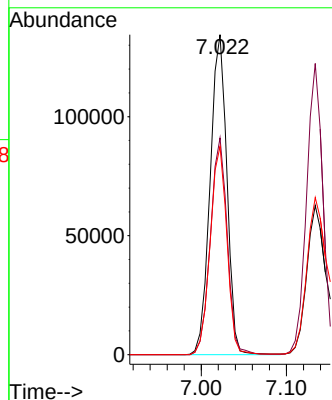
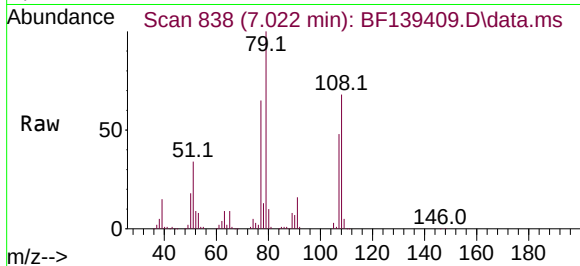




#15
Benzyl Alcohol
Concen: 49.347 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

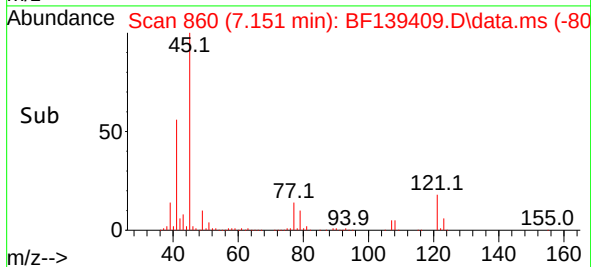
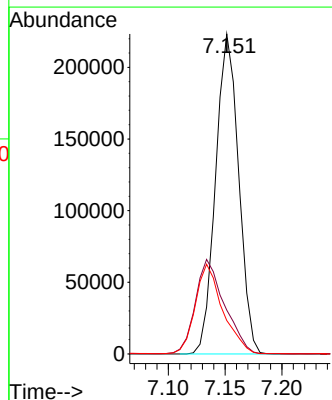
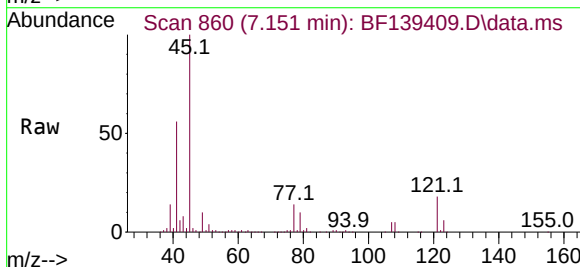
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

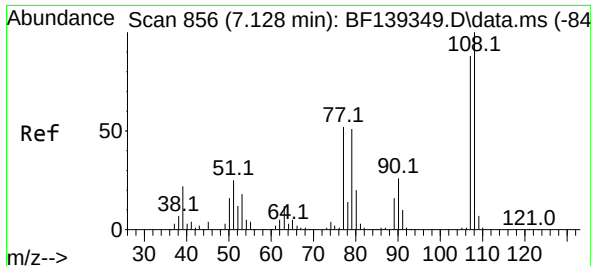
Tgt Ion: 79 Resp: 183511
Ion Ratio Lower Upper
79 100
108 67.8 50.4 75.6
77 65.1 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.641 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion: 45 Resp: 314969
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.0
79 10.5 0.0 29.1

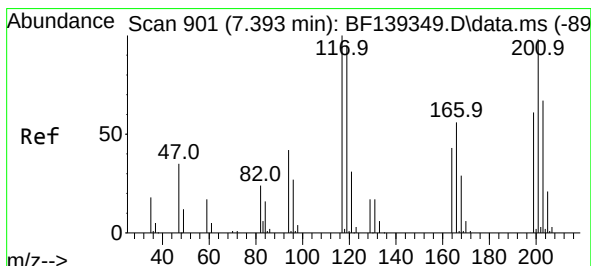
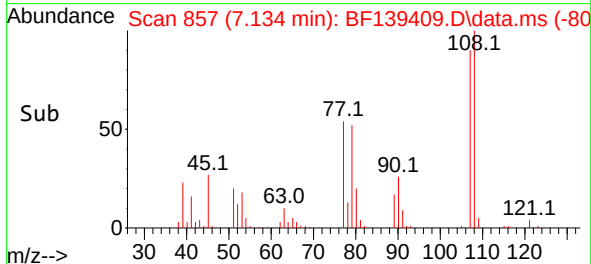
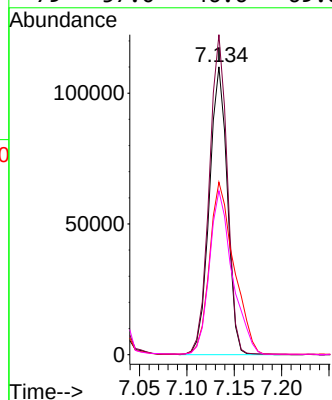
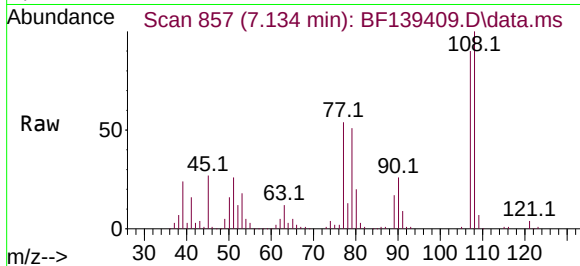




#17
2-Methylphenol
Concen: 50.049 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

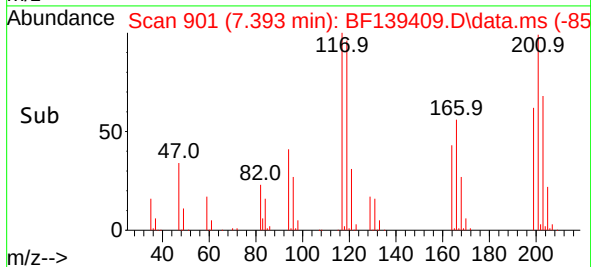
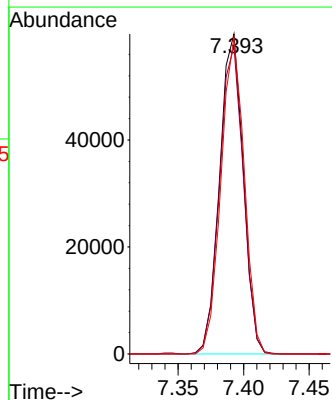
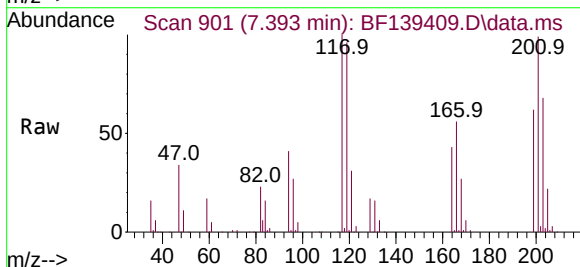
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

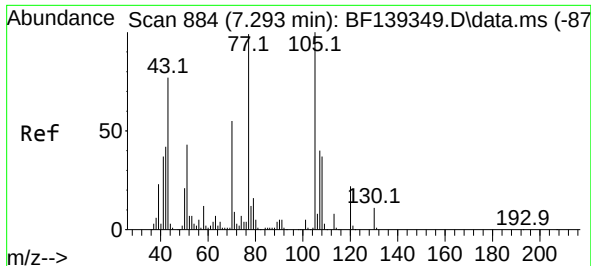
Tgt Ion:	107	Resp:	145359
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.5	135.7
77	60.0	47.1	70.7
79	57.0	46.6	69.8



#18
Hexachloroethane
Concen: 46.810 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:	117	Resp:	74903
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	98.8	78.6	118.0



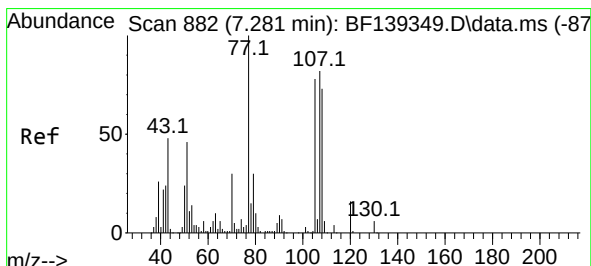
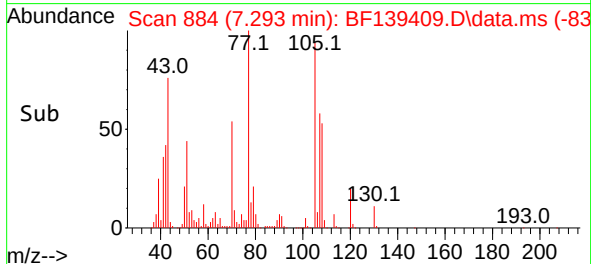
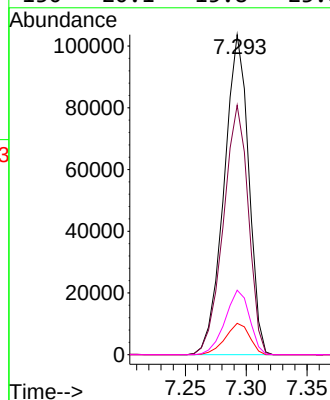
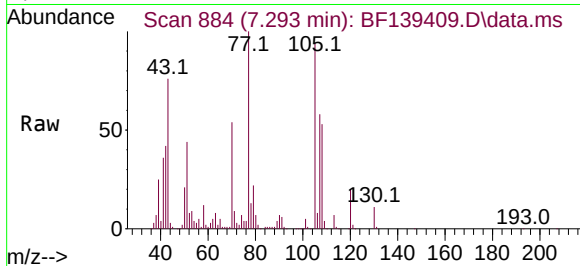


#19
n-Nitroso-di-n-propylamine
Concen: 52.813 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion: 70 Resp: 145877

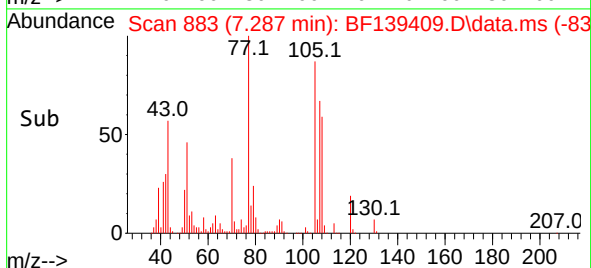
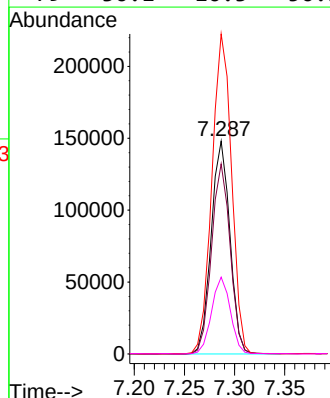
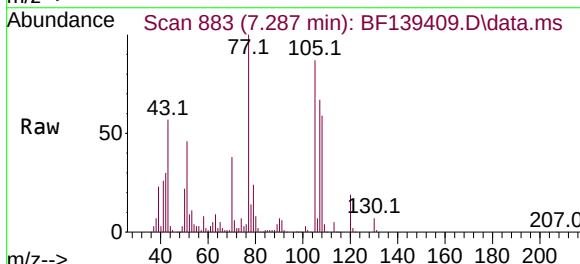
Ion	Ratio	Lower	Upper
70	100		
42	77.9	61.2	91.8
101	9.8	7.5	11.3
130	20.1	15.8	23.8

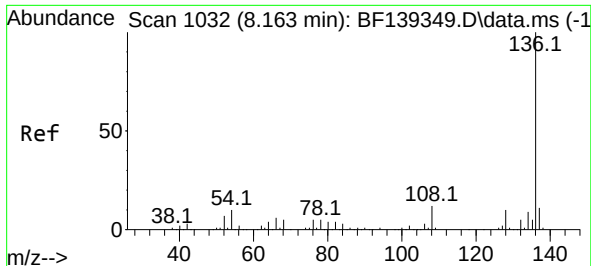


#20
3+4-Methylphenols
Concen: 48.689 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion: 107 Resp: 192926

Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.6	108.6
77	150.3	101.6	141.6#
79	36.1	16.3	56.3

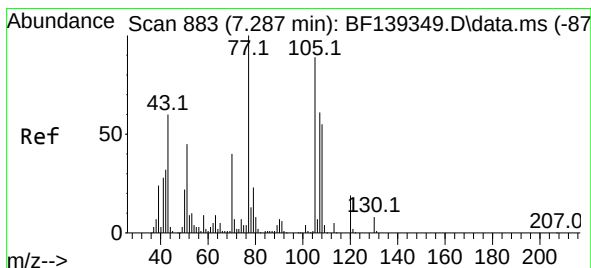
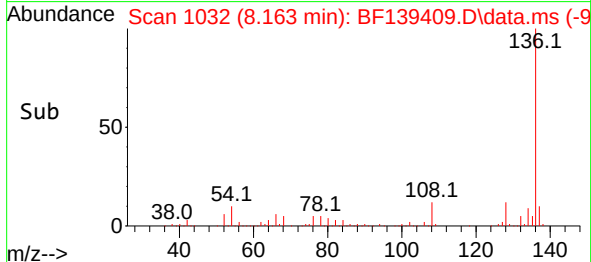
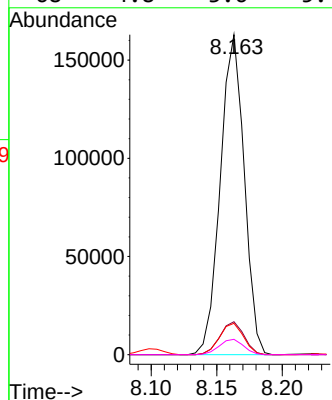
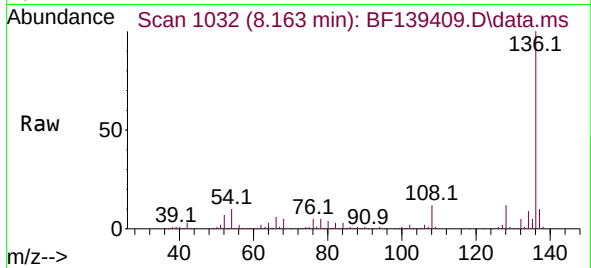




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

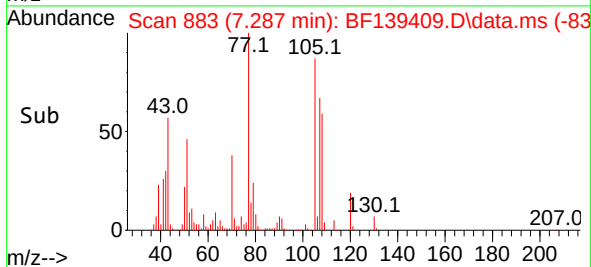
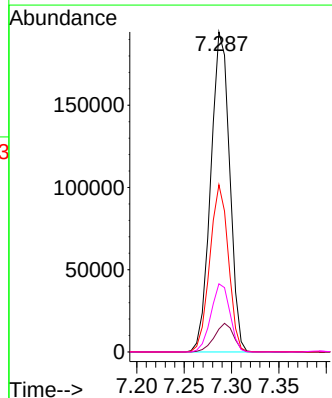
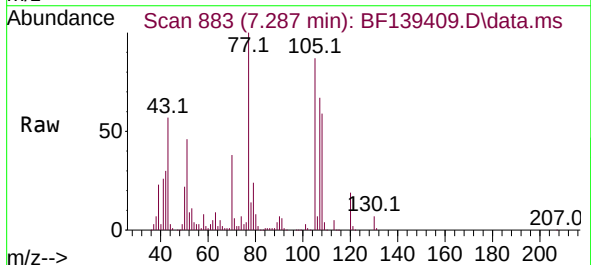
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

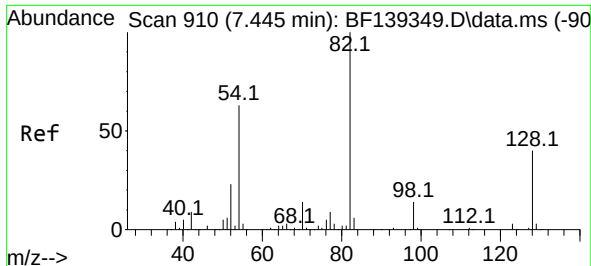
Tgt	Ion:136	Resp:	206093
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	9.8	7.8	11.8
68	4.8	3.6	5.4



#22
Acetophenone
Concen: 50.080 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt	Ion:105	Resp:	269827
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.9	8.9
51	52.2	40.0	60.0
120	21.3	17.1	25.7





#23

Nitrobenzene-d5

Concen: 86.888 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

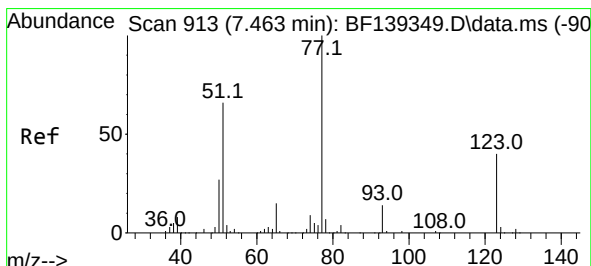
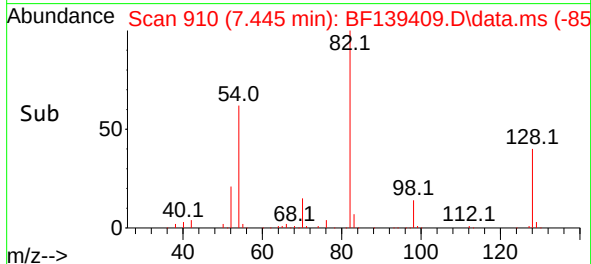
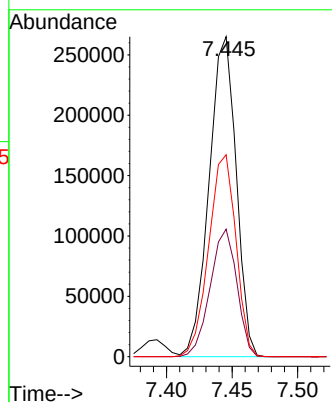
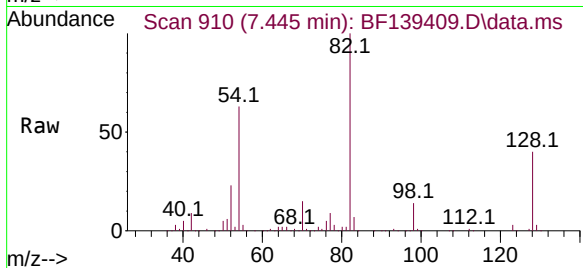
Tgt Ion: 82 Resp: 380908

Ion Ratio Lower Upper

82 100

128 39.9 31.8 47.6

54 63.1 50.6 75.8



#24

Nitrobenzene

Concen: 47.866 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

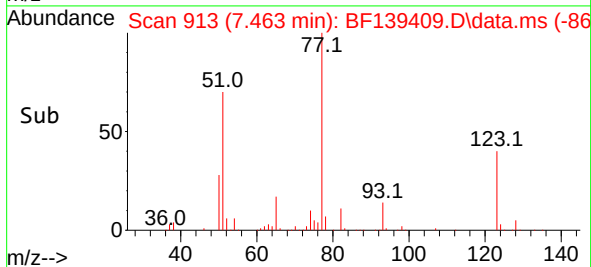
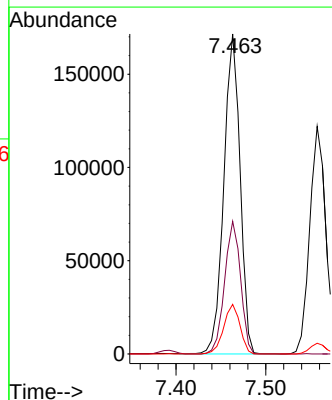
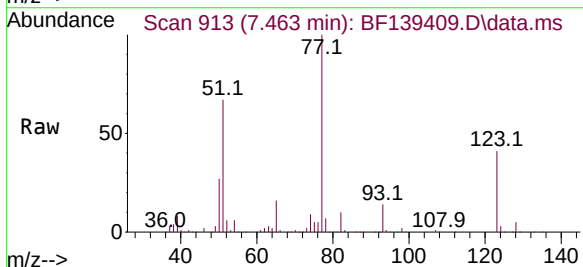
Tgt Ion: 77 Resp: 215971

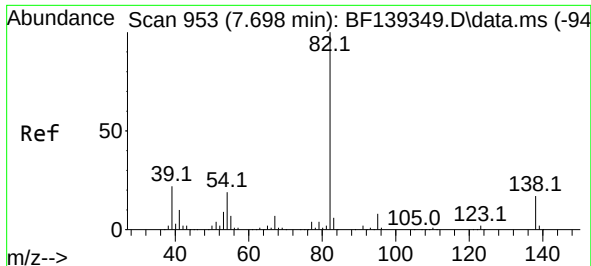
Ion Ratio Lower Upper

77 100

123 41.5 32.2 48.4

65 15.5 12.2 18.4

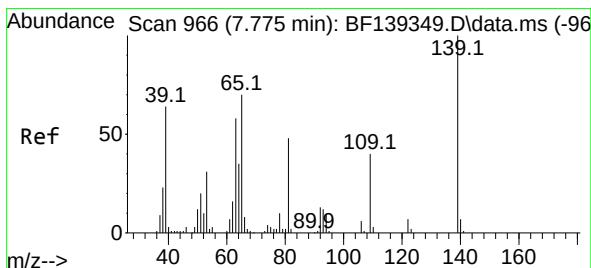
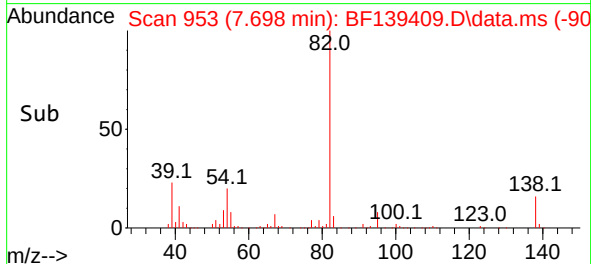
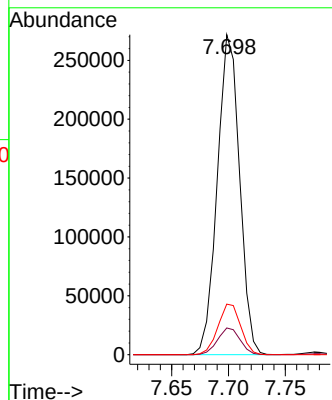
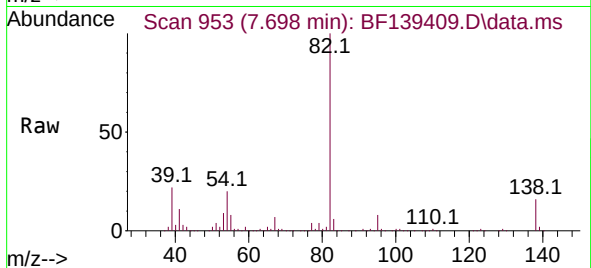




#25
Isophorone
Concen: 53.528 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

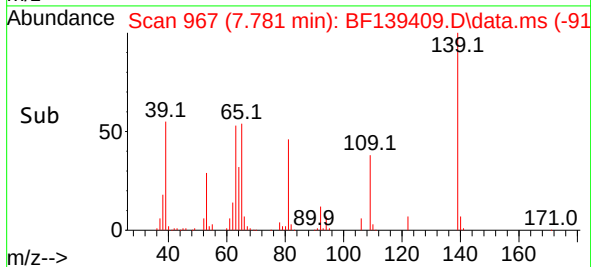
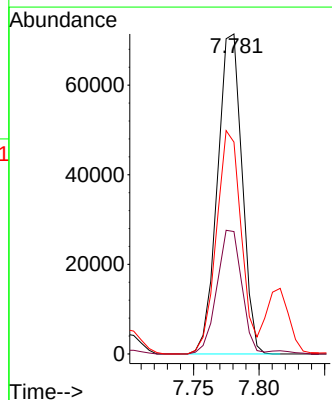
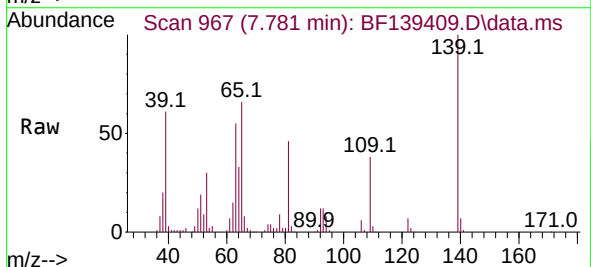
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

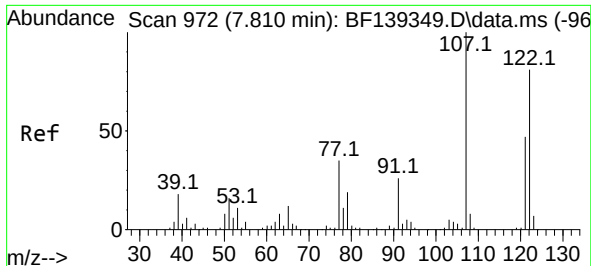
Tgt Ion: 82 Resp: 371122
Ion Ratio Lower Upper
82 100
95 8.3 6.7 10.1
138 15.8 13.3 19.9



#26
2-Nitrophenol
Concen: 52.941 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:139 Resp: 93062
Ion Ratio Lower Upper
139 100
109 38.2 32.2 48.2
65 66.2 55.8 83.8

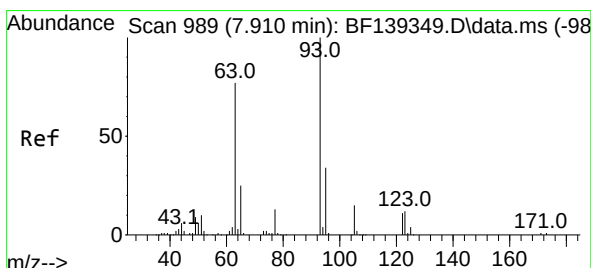
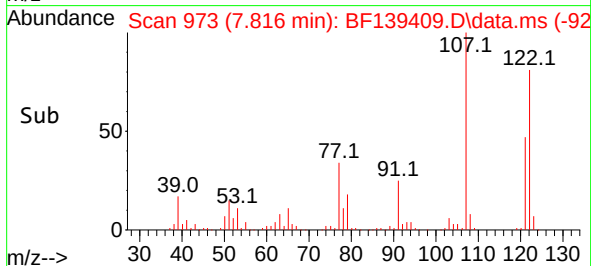
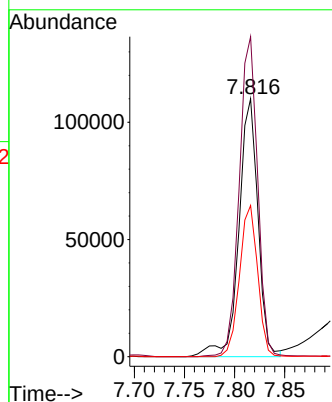
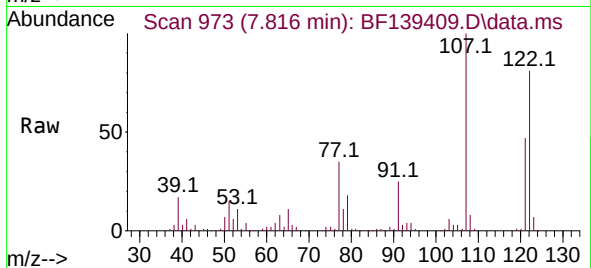




#27
2,4-Dimethylphenol
Concen: 63.041 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

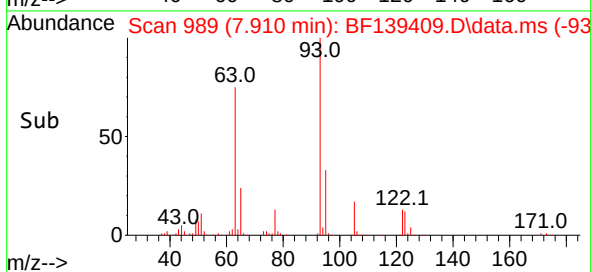
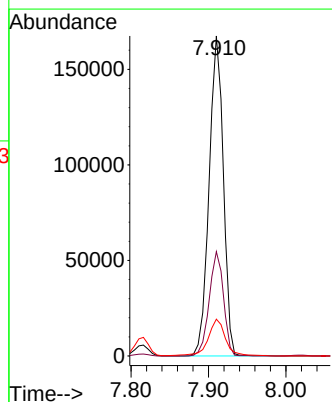
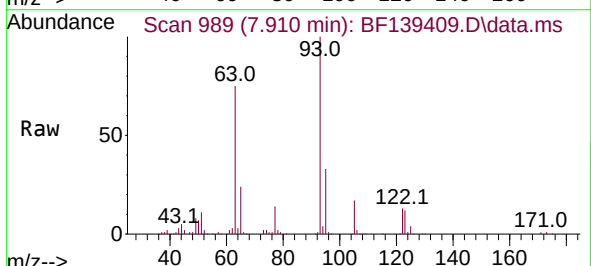
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

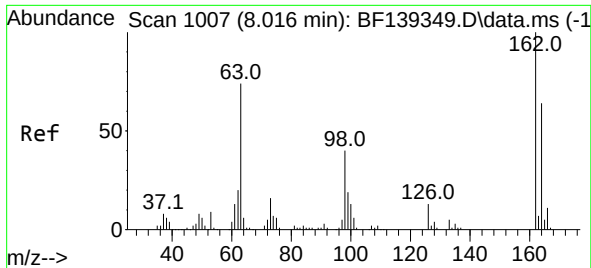
Tgt Ion:122 Resp: 146176
Ion Ratio Lower Upper
122 100
107 124.1 99.1 148.7
121 58.7 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 54.161 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion: 93 Resp: 214011
Ion Ratio Lower Upper
93 100
95 32.6 26.9 40.3
123 11.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 49.256 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

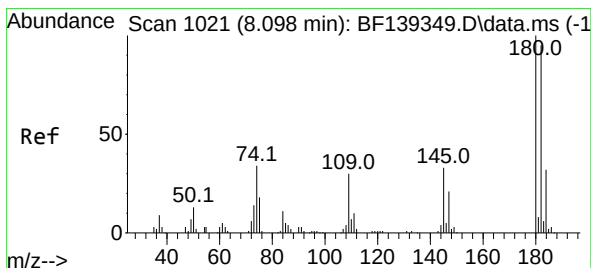
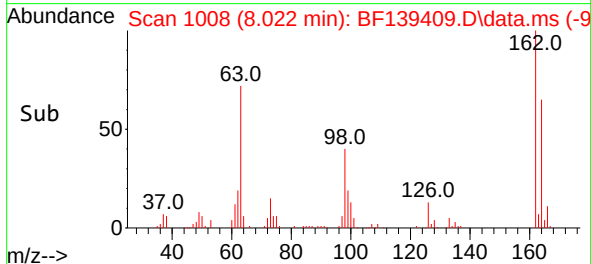
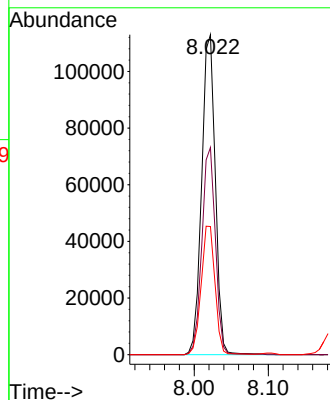
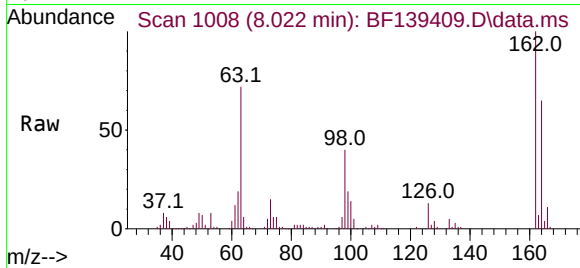
Tgt Ion:162 Resp: 145094

Ion Ratio Lower Upper

162 100

164 64.7 43.6 83.6

98 40.1 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 47.273 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

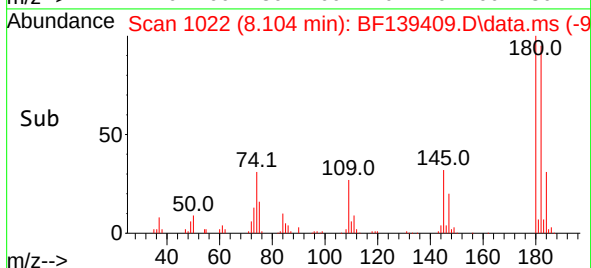
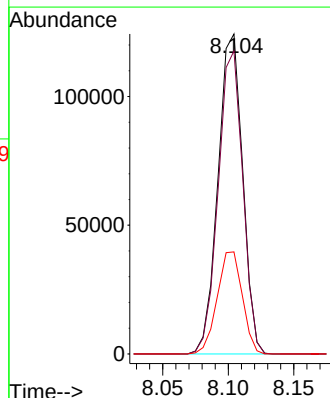
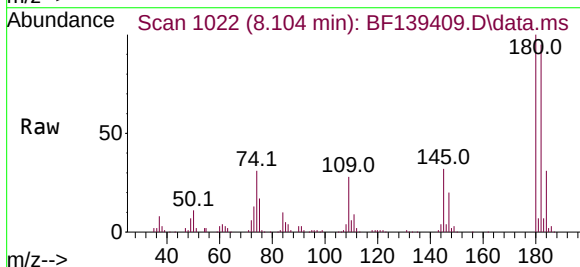
Tgt Ion:180 Resp: 162250

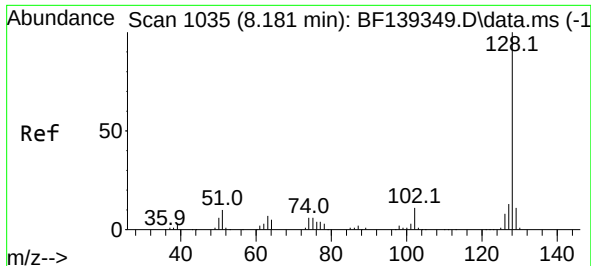
Ion Ratio Lower Upper

180 100

182 94.7 75.7 113.5

145 31.9 26.5 39.7

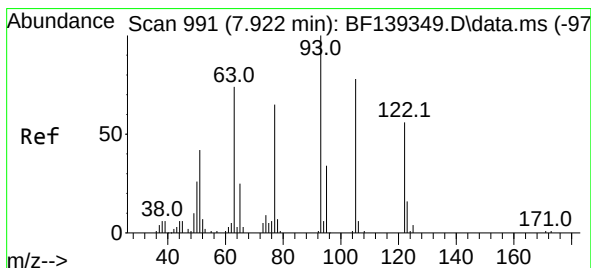
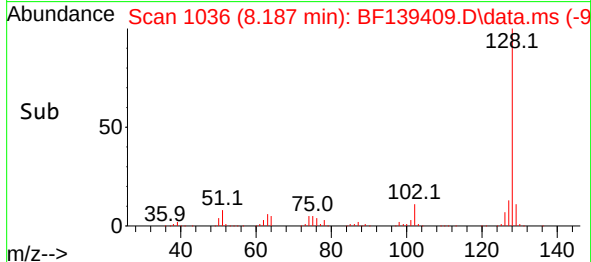
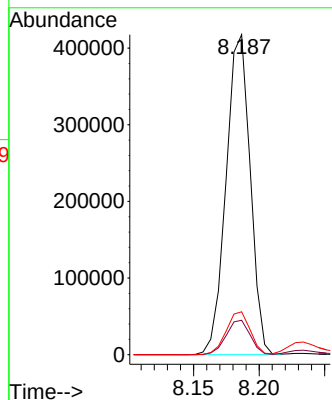
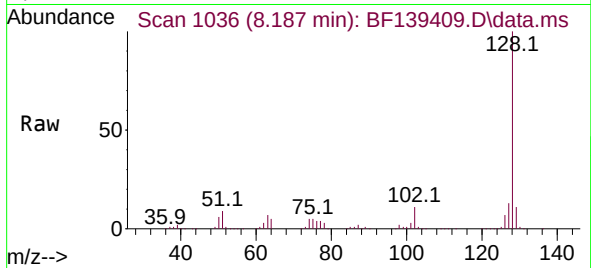




#31
Naphthalene
Concen: 49.720 ng
RT: 8.187 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

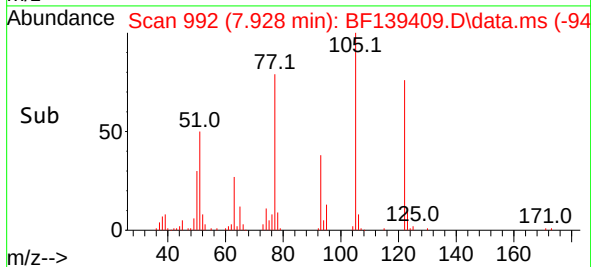
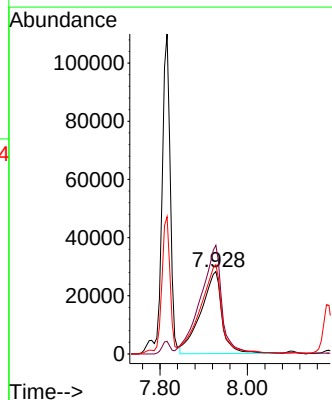
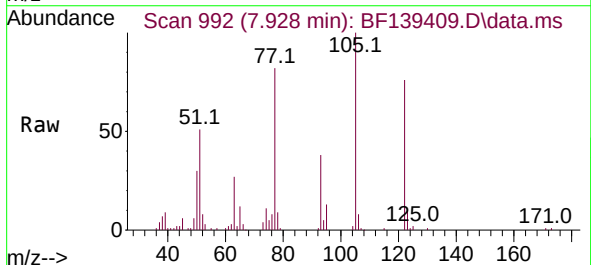
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

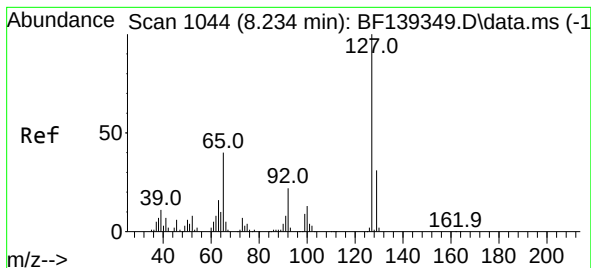
Tgt Ion:128 Resp: 534954
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 43.538 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:122 Resp: 94476
Ion Ratio Lower Upper
122 100
105 131.8 117.1 157.1
77 108.2 95.4 135.4





#33

4-Chloroaniline

Concen: 9.854 ng

RT: 8.234 min Scan# 1044

Delta R.T. 0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:127 Resp: 32434

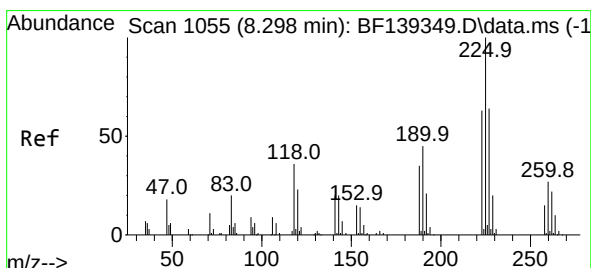
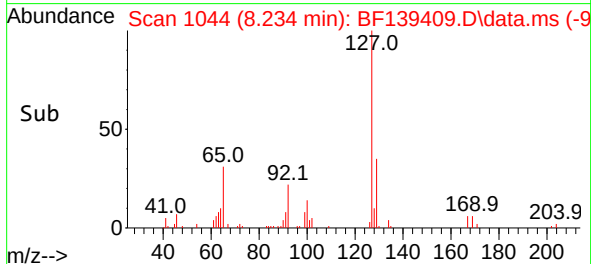
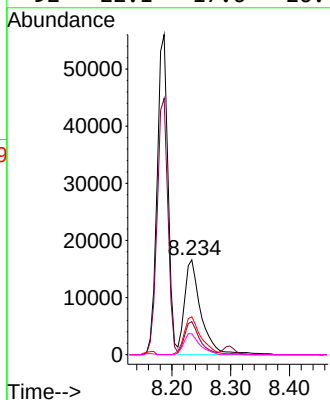
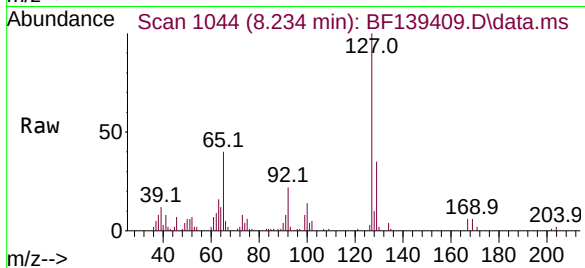
Ion Ratio Lower Upper

127 100

129 34.9 25.5 38.3

65 40.0 31.5 47.3

92 22.1 17.6 26.4



#34

Hexachlorobutadiene

Concen: 48.466 ng

RT: 8.298 min Scan# 1055

Delta R.T. 0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

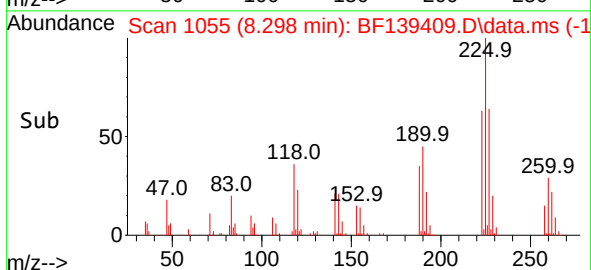
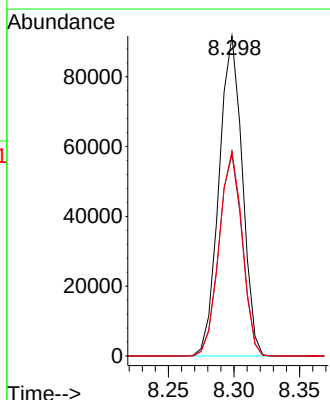
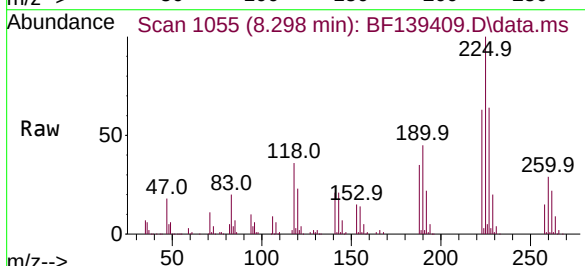
Tgt Ion:225 Resp: 113014

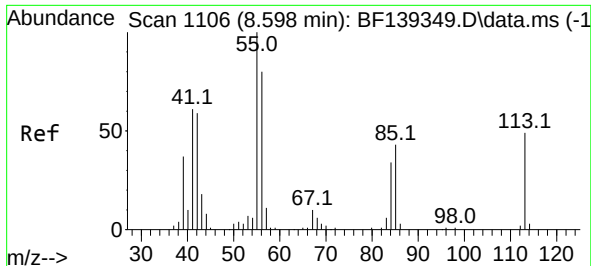
Ion Ratio Lower Upper

225 100

223 63.0 50.1 75.1

227 64.1 51.0 76.6

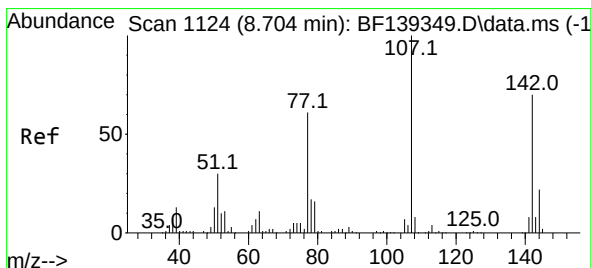
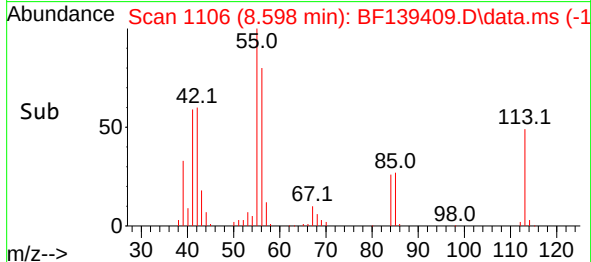
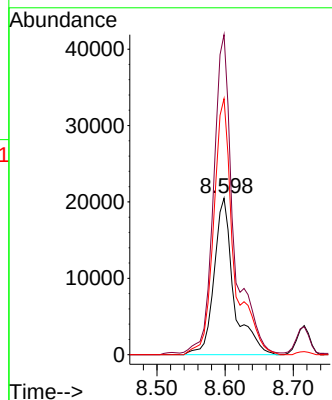
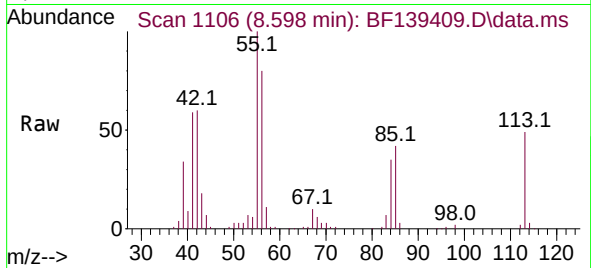




#35
 Caprolactam
 Concen: 45.383 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139409.D
 Acq: 17 Sep 2024 18:33

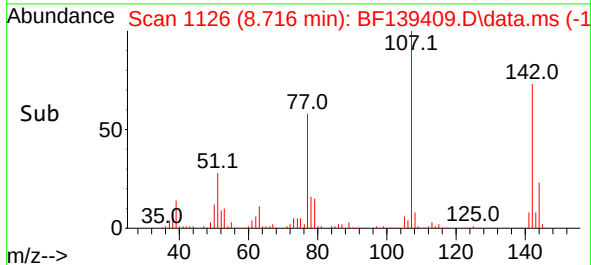
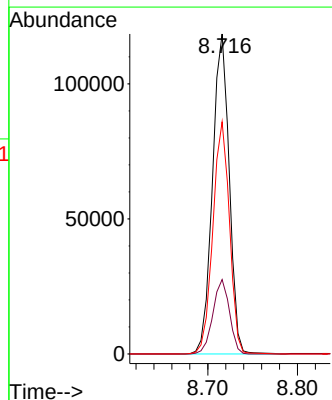
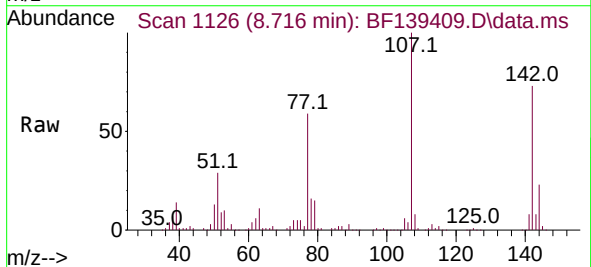
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

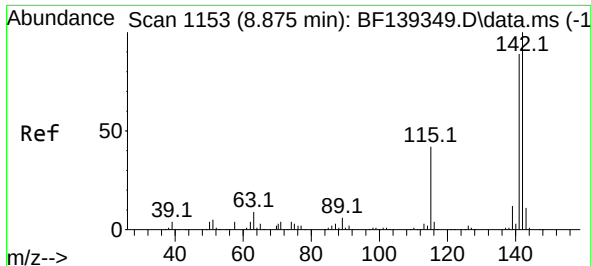
Tgt Ion:113 Resp: 41123
 Ion Ratio Lower Upper
 113 100
 55 204.5 186.1 226.1
 56 163.6 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.562 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139409.D
 Acq: 17 Sep 2024 18:33

Tgt Ion:107 Resp: 153385
 Ion Ratio Lower Upper
 107 100
 144 23.3 17.5 26.3
 142 72.5 55.8 83.8





#37

2-Methylnaphthalene

Concen: 48.061 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

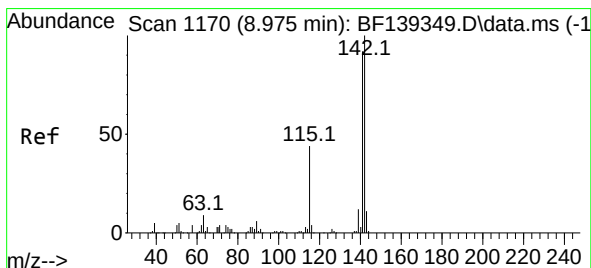
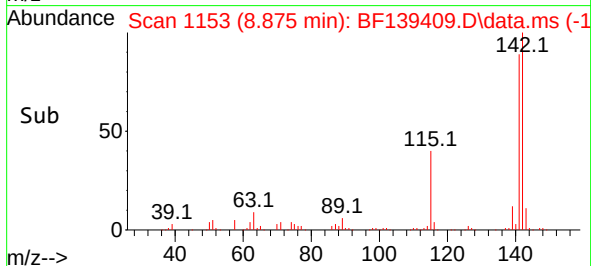
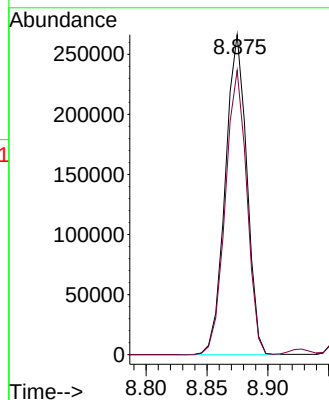
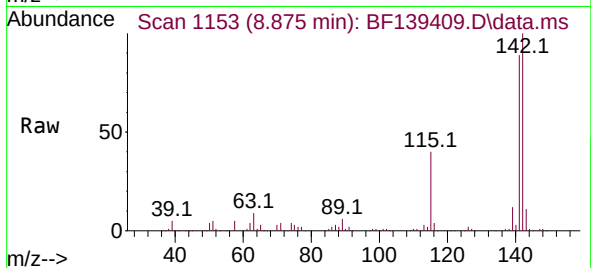
TP-2MSD

Tgt Ion:142 Resp: 328218

Ion Ratio Lower Upper

142 100

141 88.9 71.6 107.4



#38

1-Methylnaphthalene

Concen: 44.905 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139409.D

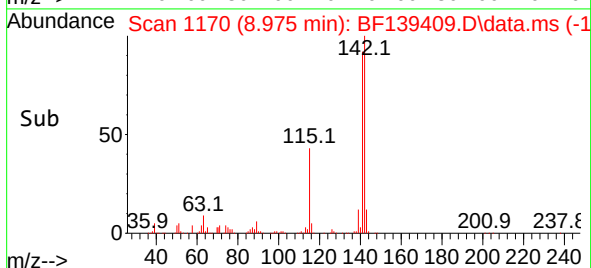
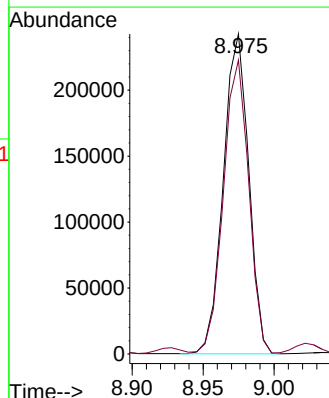
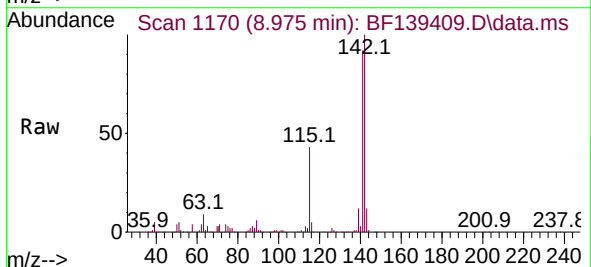
Acq: 17 Sep 2024 18:33

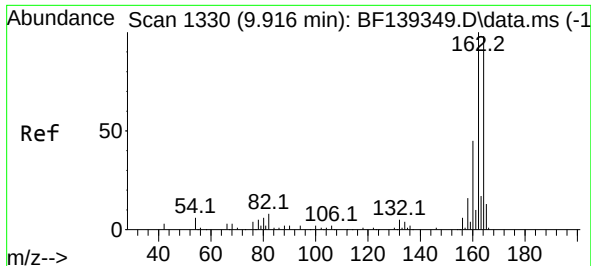
Tgt Ion:142 Resp: 301074

Ion Ratio Lower Upper

142 100

141 91.8 73.2 109.8

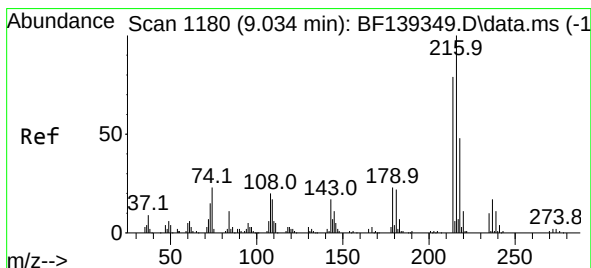
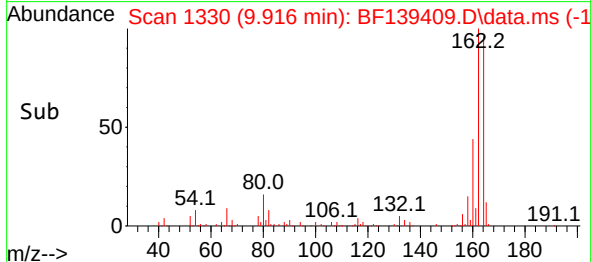
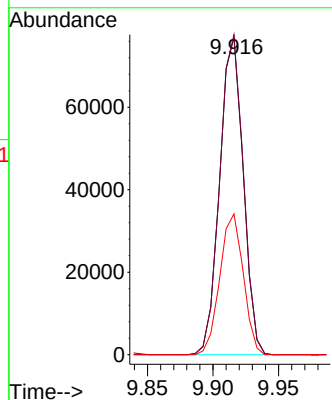
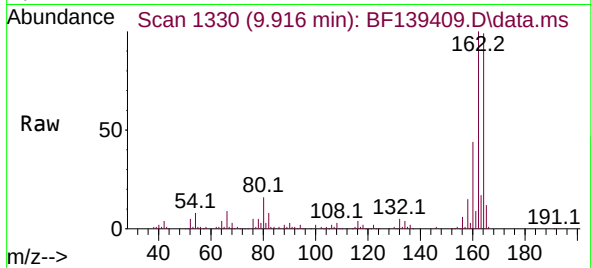




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

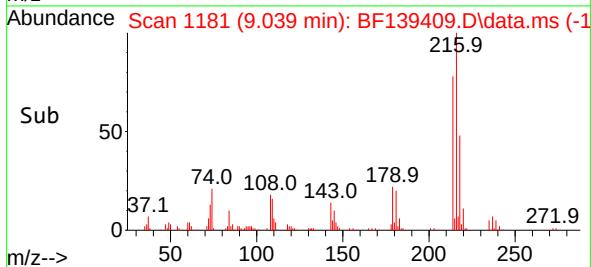
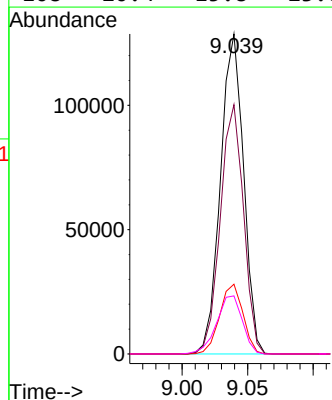
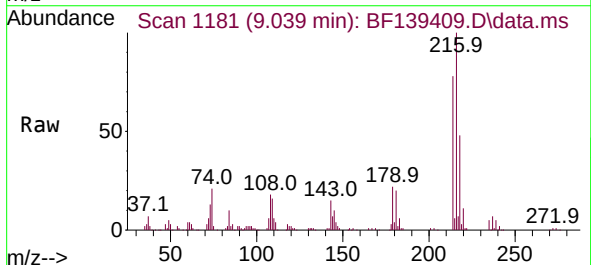
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

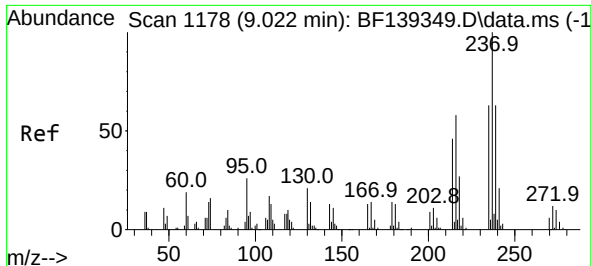
Tgt Ion:164 Resp: 95833
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 44.4 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.410 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:216 Resp: 157374
Ion Ratio Lower Upper
216 100
214 78.1 63.4 95.0
179 22.1 18.2 27.2
108 20.4 15.8 23.6

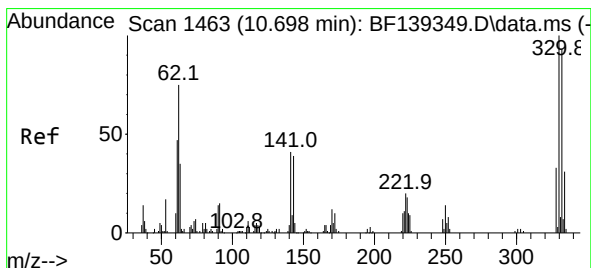
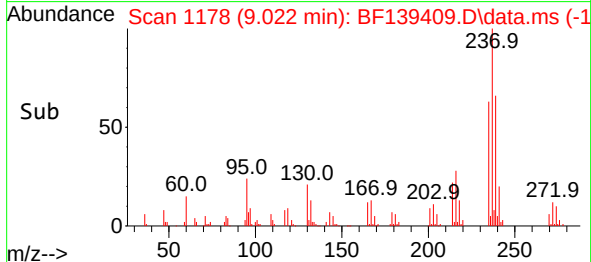
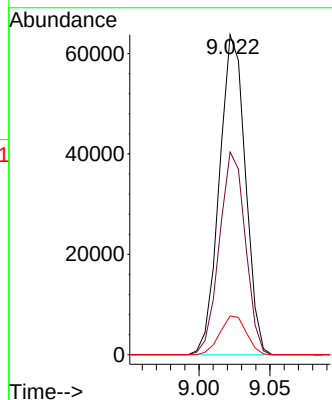
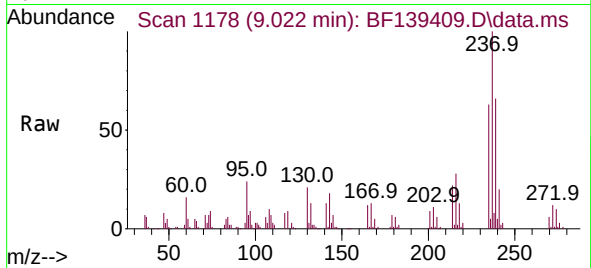




#41
Hexachlorocyclopentadiene
Concen: 81.791 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

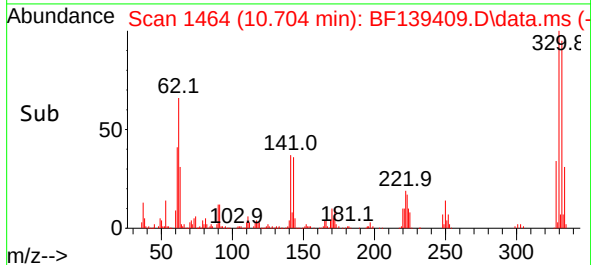
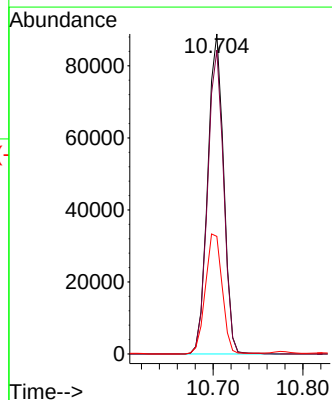
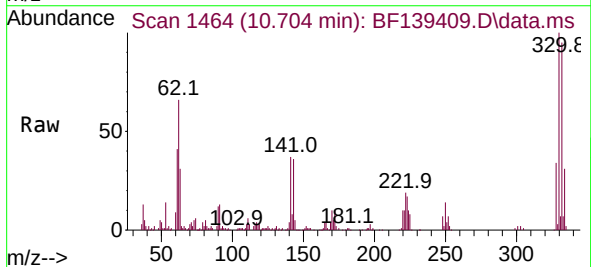
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

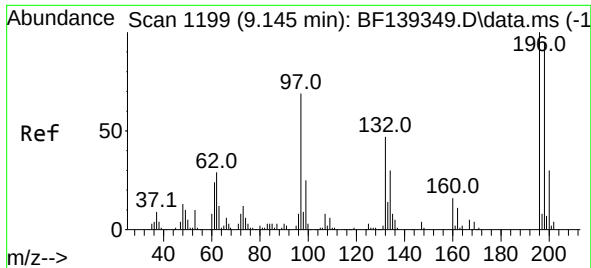
Tgt Ion:237 Resp: 81110
Ion Ratio Lower Upper
237 100
235 63.3 42.7 82.7
272 12.1 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 107.285 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:330 Resp: 109458
Ion Ratio Lower Upper
330 100
332 95.3 75.2 112.8
141 39.6 31.2 46.8

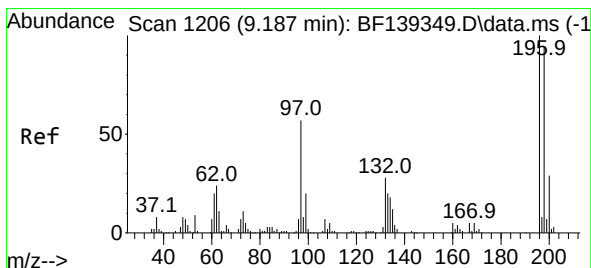
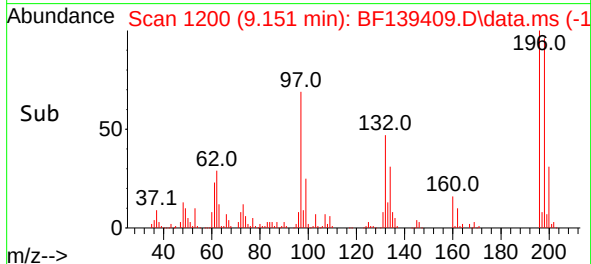
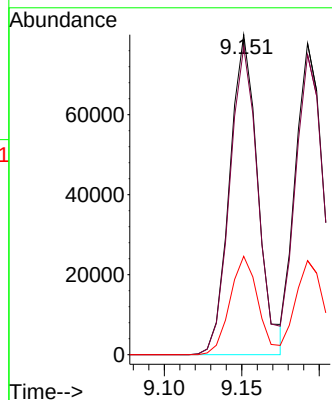
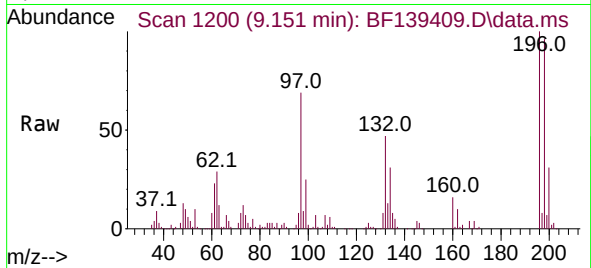




#43
2,4,6-Trichlorophenol
Concen: 54.627 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

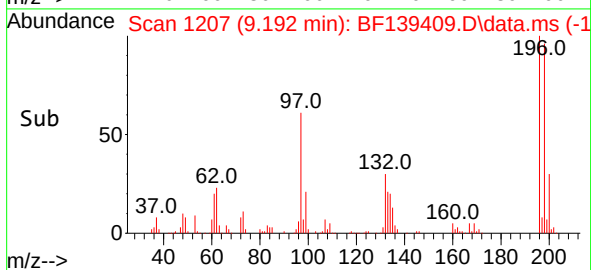
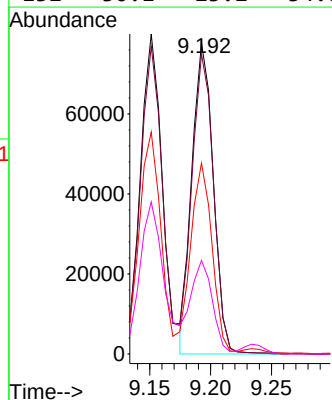
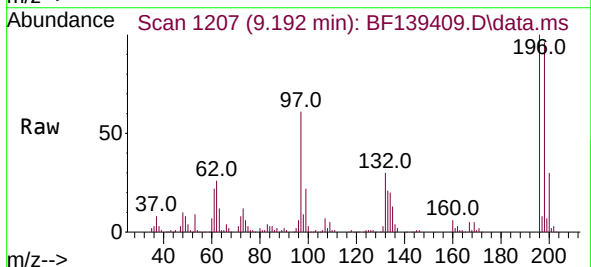
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

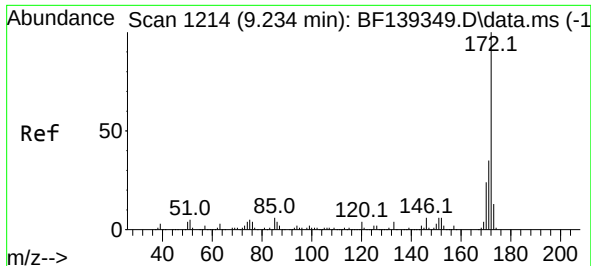
Tgt Ion:196 Resp: 100940
Ion Ratio Lower Upper
196 100
198 96.1 75.8 113.6
200 30.8 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 48.964 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:196 Resp: 95438
Ion Ratio Lower Upper
196 100
198 96.3 74.8 112.2
97 61.3 47.3 70.9
132 30.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 92.057 ng

RT: 9.234 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

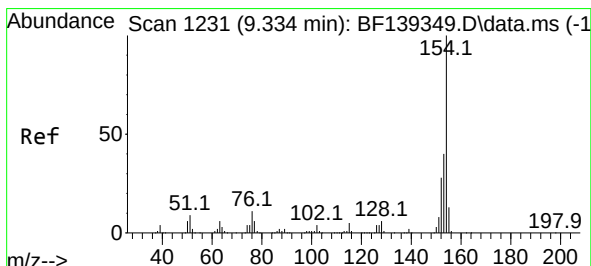
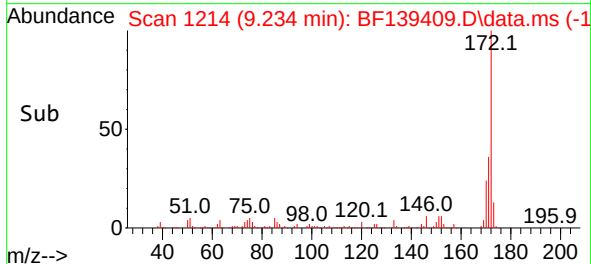
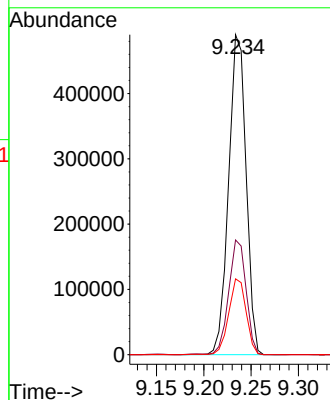
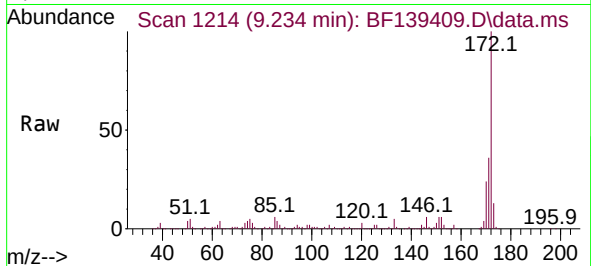
Tgt Ion:172 Resp: 629015

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 54.148 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

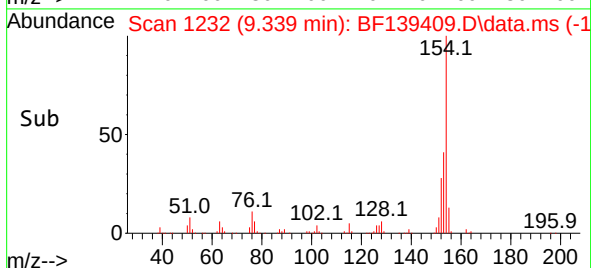
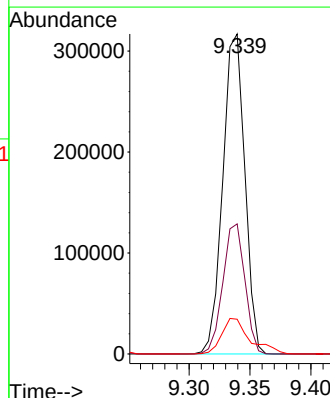
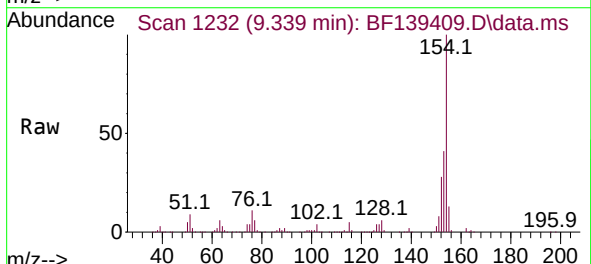
Tgt Ion:154 Resp: 399219

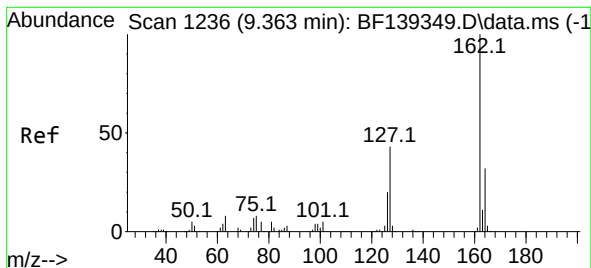
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 10.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 52.210 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

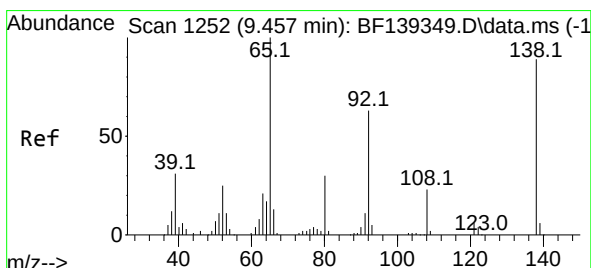
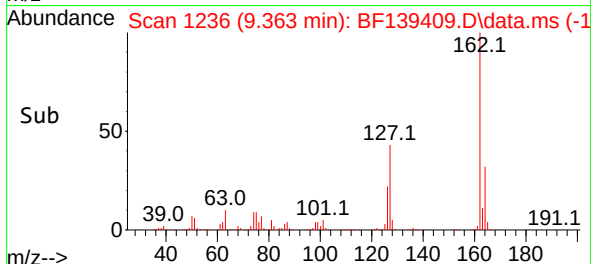
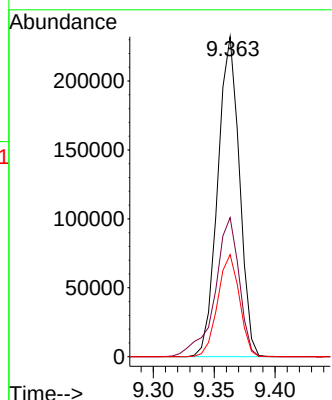
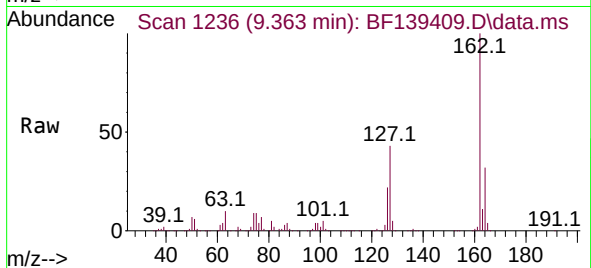
Tgt Ion:162 Resp: 287810

Ion Ratio Lower Upper

162 100

127 43.4 35.0 52.4

164 31.9 25.8 38.6



#48

2-Nitroaniline

Concen: 50.355 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

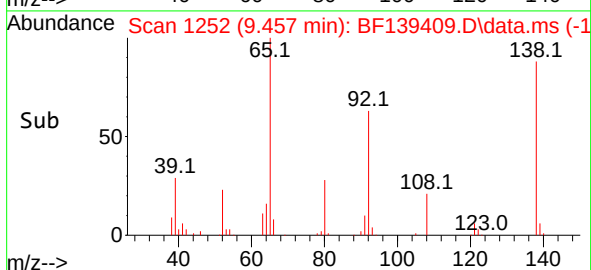
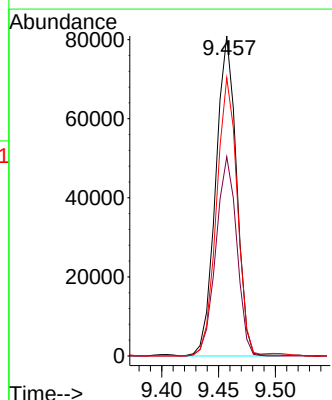
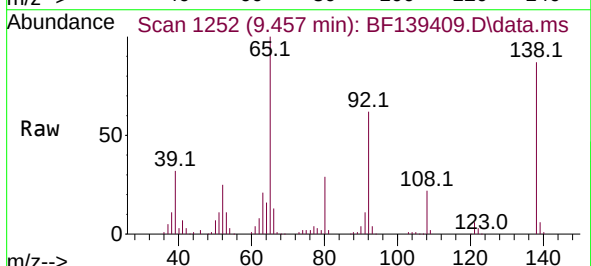
Tgt Ion: 65 Resp: 103247

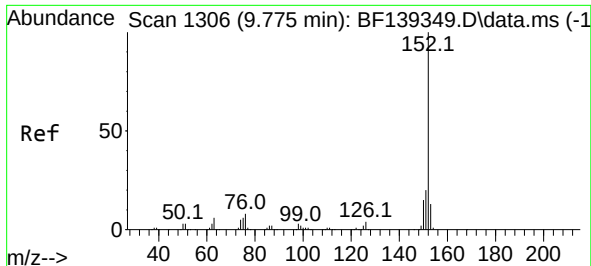
Ion Ratio Lower Upper

65 100

92 62.3 50.3 75.5

138 87.0 71.3 106.9





#49

Acenaphthylene

Concen: 53.161 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

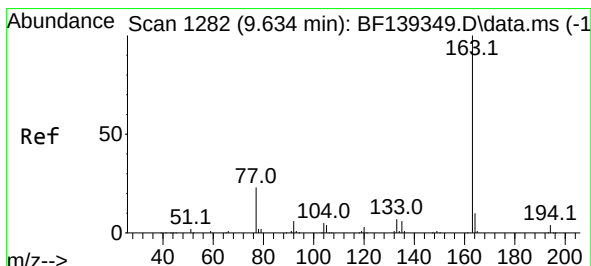
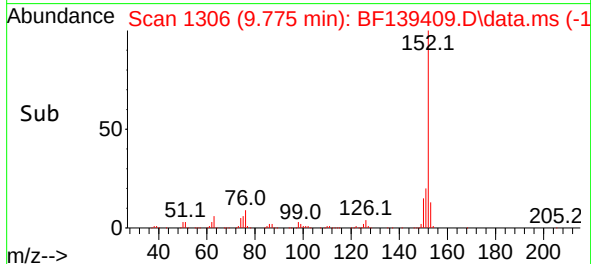
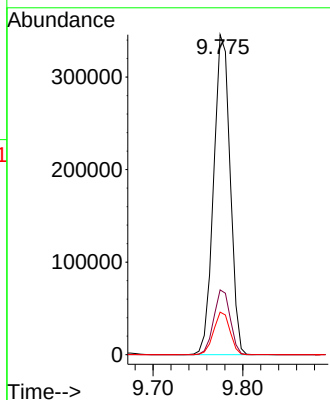
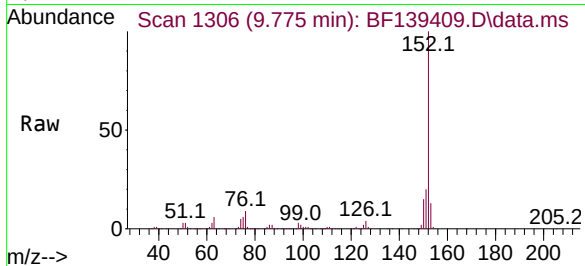
Tgt Ion:152 Resp: 441130

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.3 10.3 15.5



#50

Dimethylphthalate

Concen: 55.608 ng

RT: 9.634 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

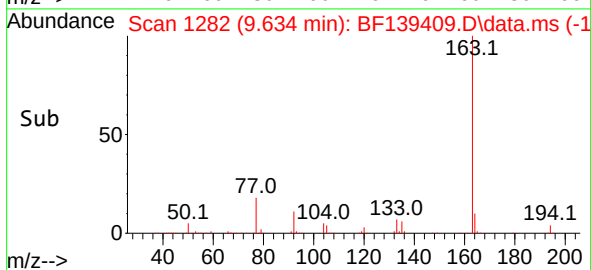
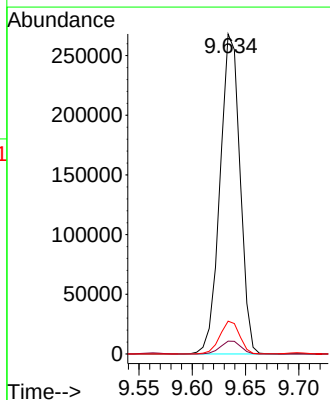
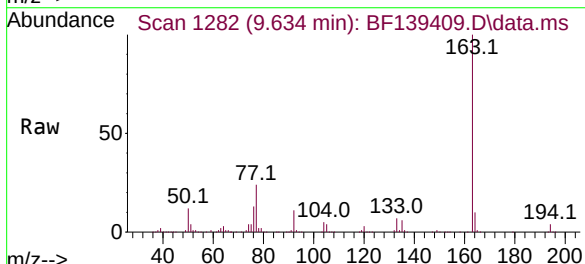
Tgt Ion:163 Resp: 349774

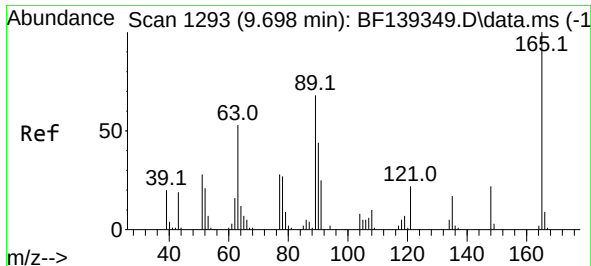
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.2 12.2

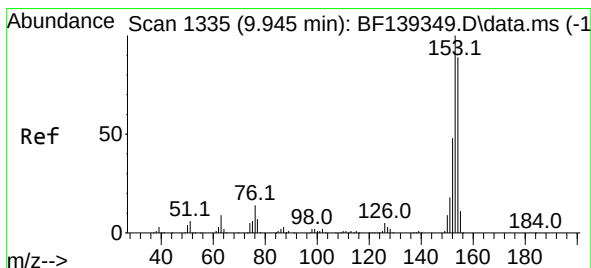
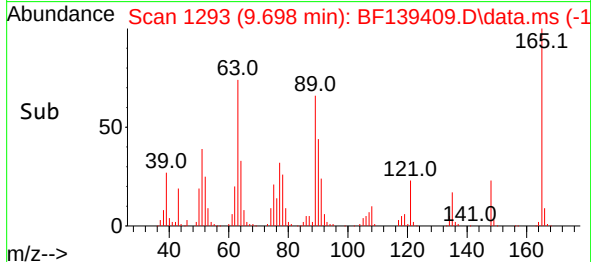
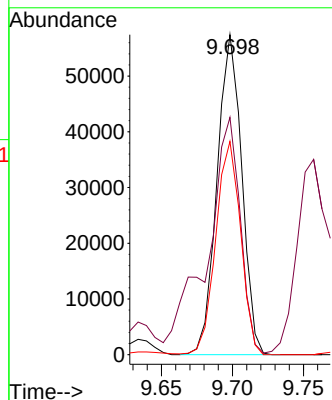
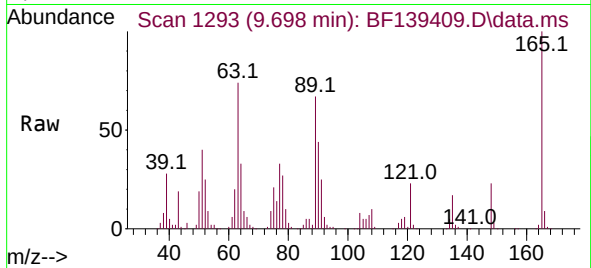




#51
2,6-Dinitrotoluene
Concen: 49.788 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

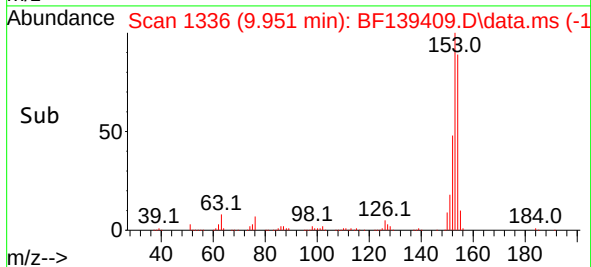
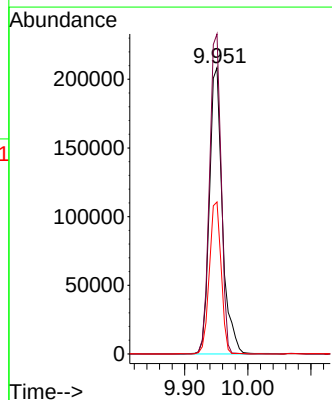
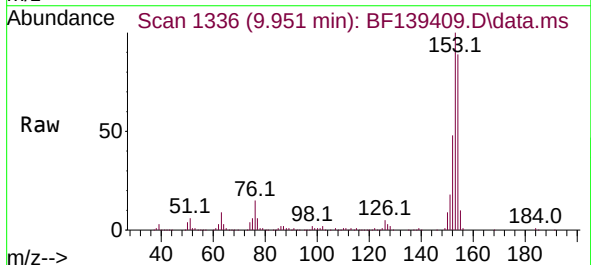
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

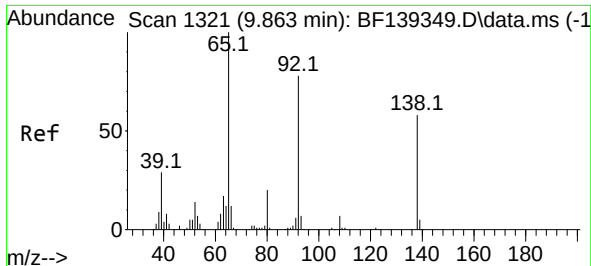
Tgt Ion:165 Resp: 69375
Ion Ratio Lower Upper
165 100
63 74.1 60.9 91.3
89 66.7 54.7 82.1



#52
Acenaphthene
Concen: 51.424 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:154 Resp: 297818
Ion Ratio Lower Upper
154 100
153 111.8 89.5 134.3
152 53.1 42.6 64.0

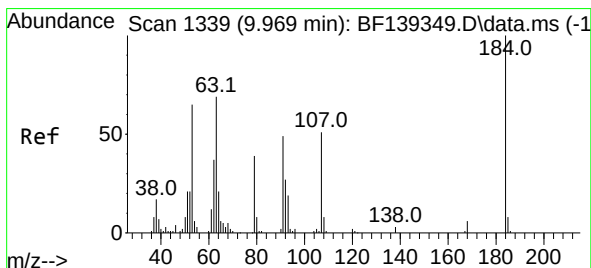
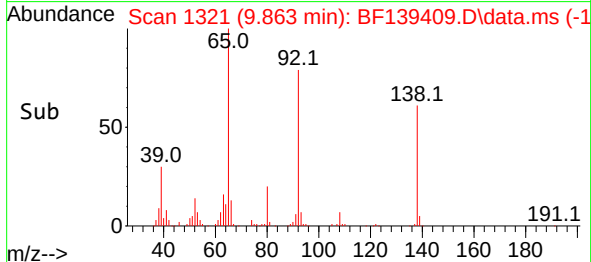
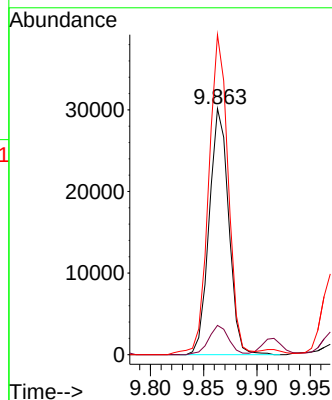
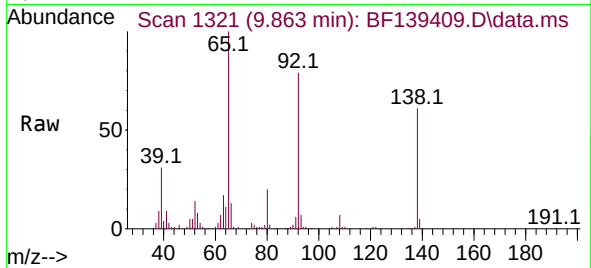




#53
3-Nitroaniline
Concen: 27.541 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

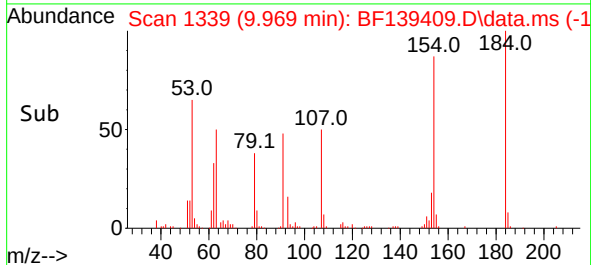
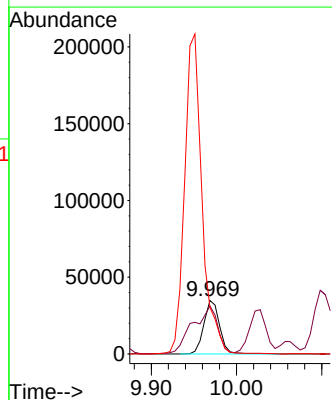
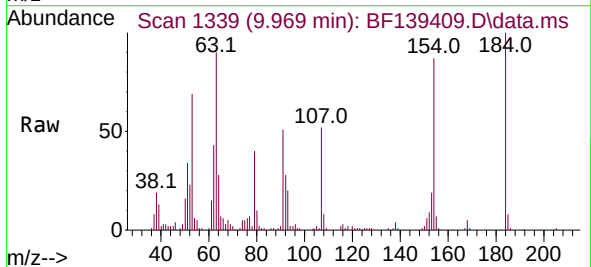
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

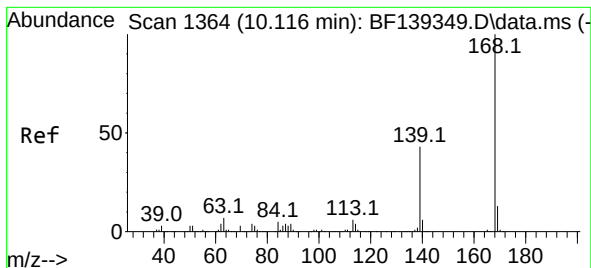
Tgt Ion:138 Resp: 38353
Ion Ratio Lower Upper
138 100
108 11.9 9.8 14.8
92 130.1 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 57.415 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:184 Resp: 44579
Ion Ratio Lower Upper
184 100
63 89.5 69.3 103.9
154 87.0 67.5 101.3





#55

Dibenzenofuran

Concen: 48.862 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

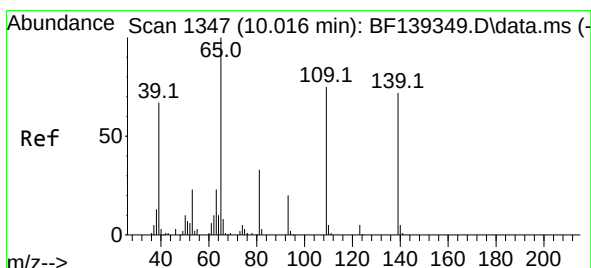
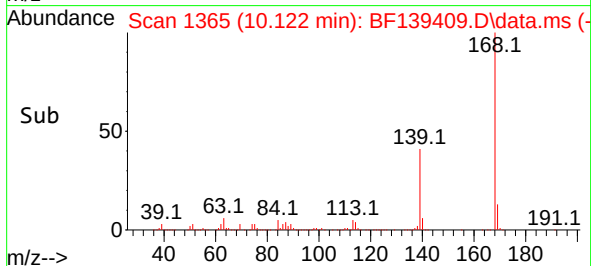
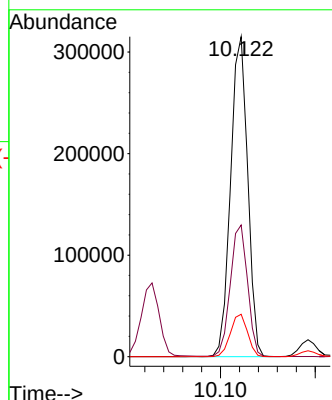
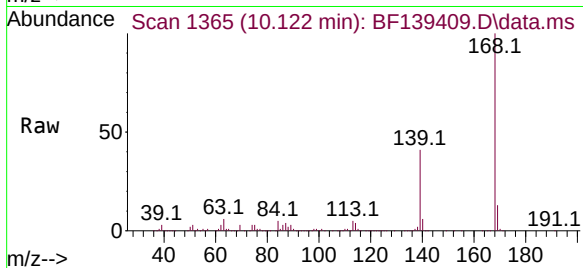
Tgt Ion:168 Resp: 394420

Ion Ratio Lower Upper

168 100

139 41.2 34.1 51.1

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 84.117 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

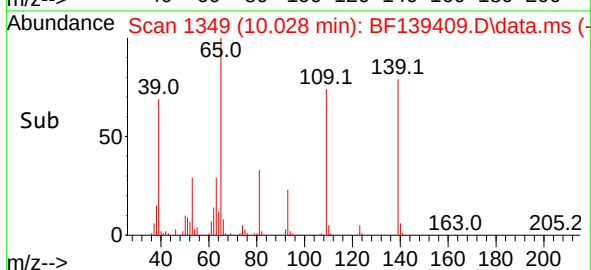
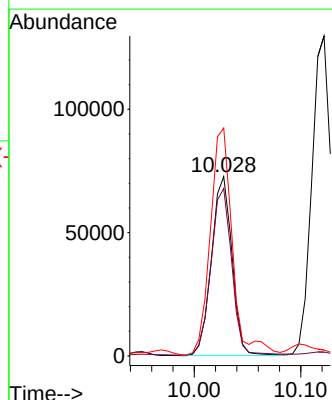
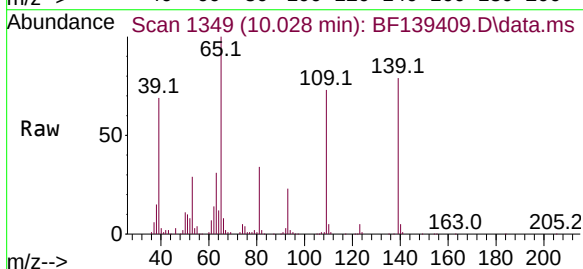
Tgt Ion:139 Resp: 96926

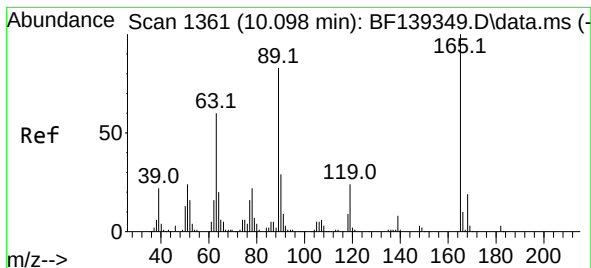
Ion Ratio Lower Upper

139 100

109 93.3 84.1 124.1

65 127.1 120.0 160.0

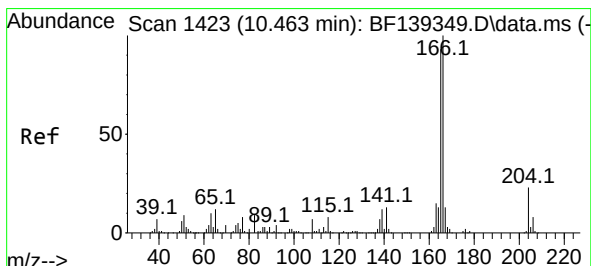
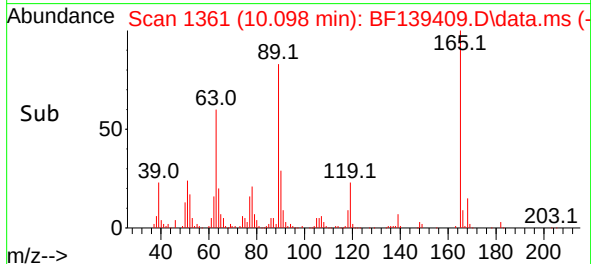
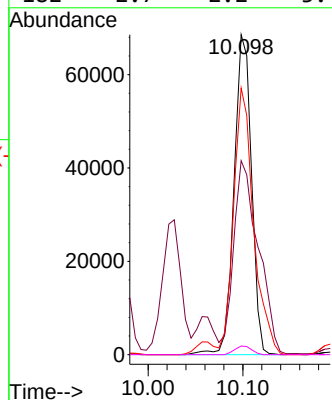
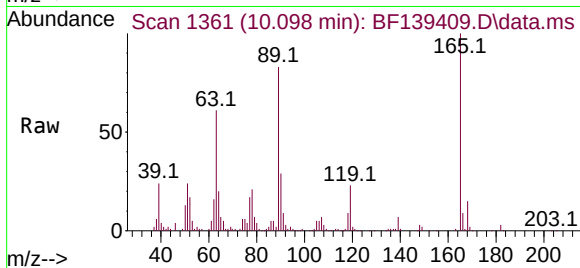




#57
2,4-Dinitrotoluene
Concen: 46.502 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

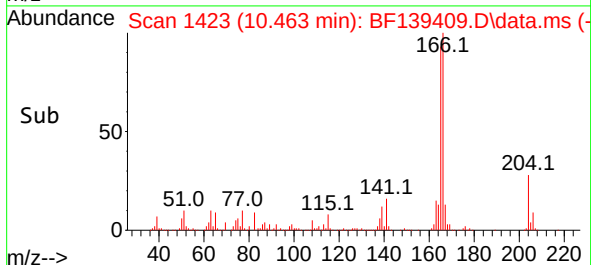
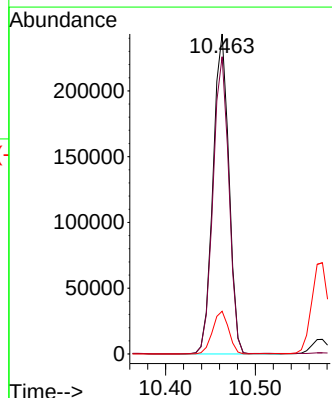
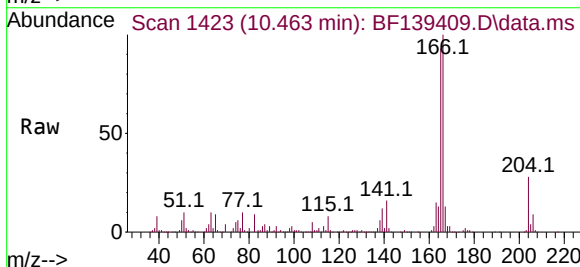
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

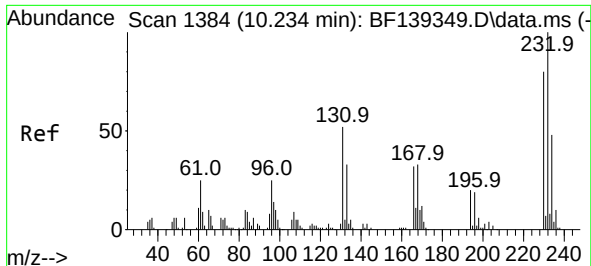
Tgt Ion:165 Resp: 87480
Ion Ratio Lower Upper
165 100
63 60.6 47.8 71.6
89 83.4 66.7 100.1
182 2.7 2.2 3.4



#58
Fluorene
Concen: 45.346 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:166 Resp: 298658
Ion Ratio Lower Upper
166 100
165 92.9 74.5 111.7
167 13.4 10.6 16.0

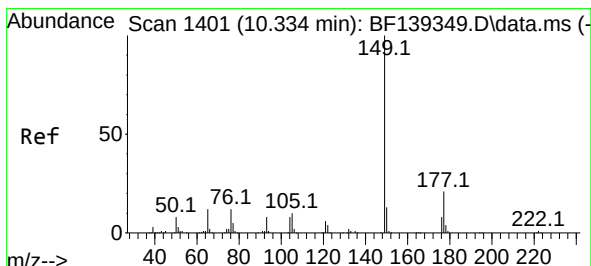
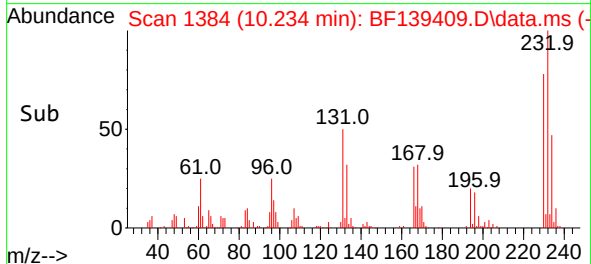
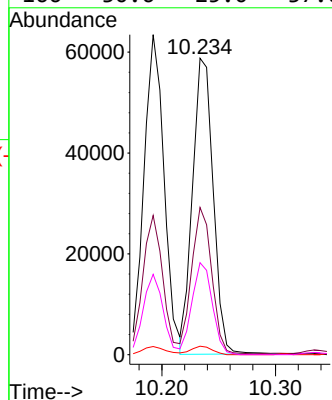
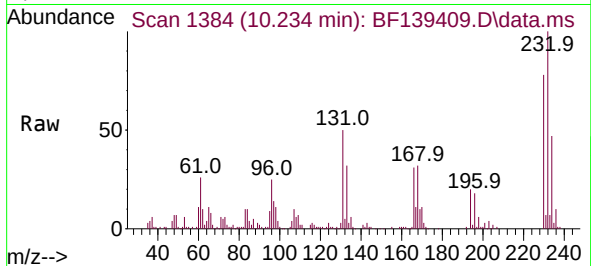




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.994 ng
RT: 10.234 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

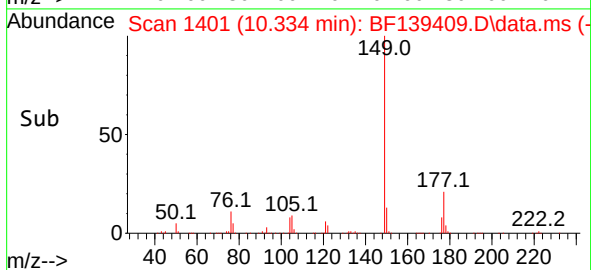
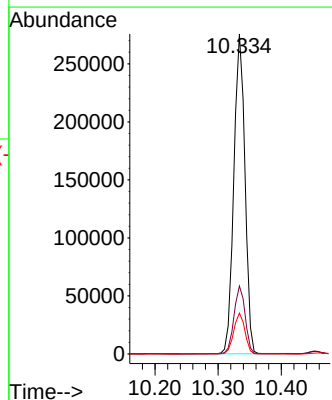
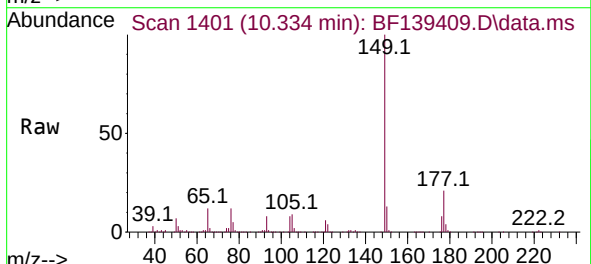
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

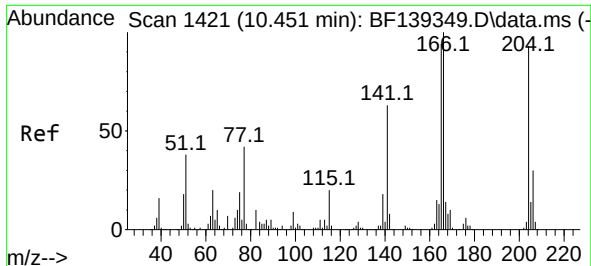
Tgt Ion:232 Resp: 74159
Ion Ratio Lower Upper
232 100
131 48.4 40.7 61.1
130 2.9 2.2 3.2
166 30.6 25.0 37.6



#60
Diethylphthalate
Concen: 51.749 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:149 Resp: 335902
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.8 10.6 15.8

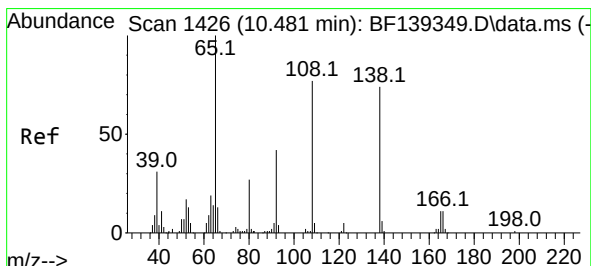
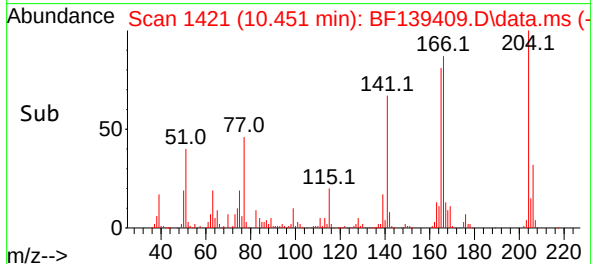
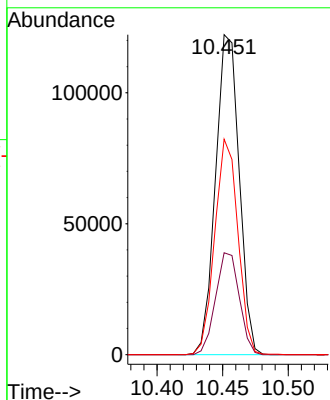
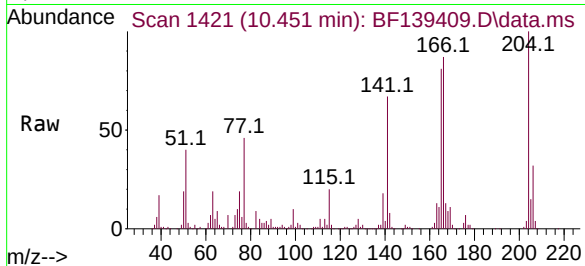




#61
4-Chlorophenyl-phenylether
Concen: 47.947 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

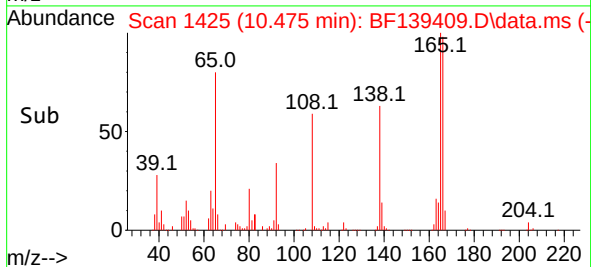
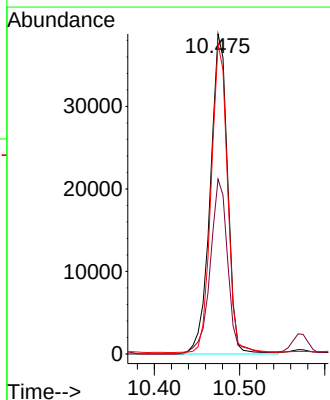
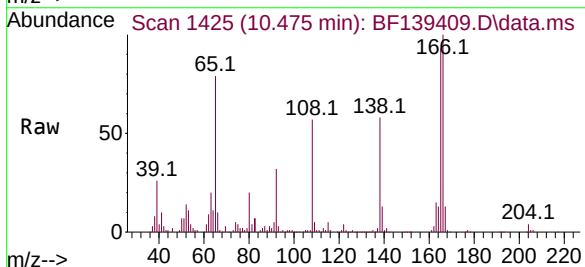
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

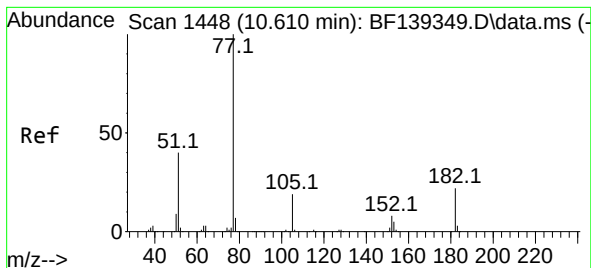
Tgt Ion:204 Resp: 153469
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 67.3 53.9 80.9



#62
4-Nitroaniline
Concen: 36.142 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:138 Resp: 54929
Ion Ratio Lower Upper
138 100
92 54.6 37.0 77.0
108 97.0 84.4 124.4





#63

Azobenzene

Concen: 51.189 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion: 77 Resp: 326802

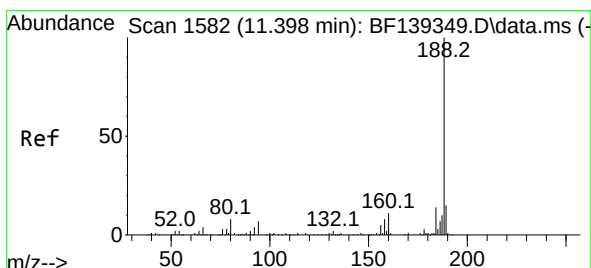
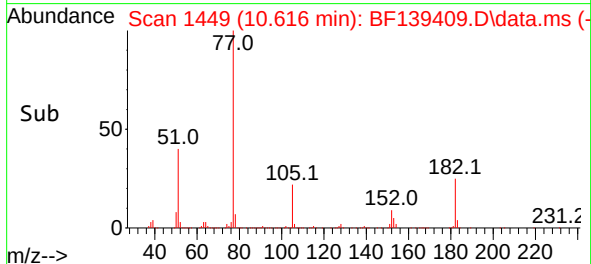
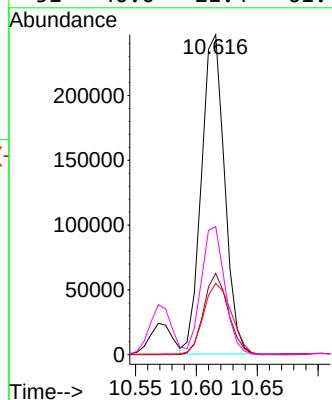
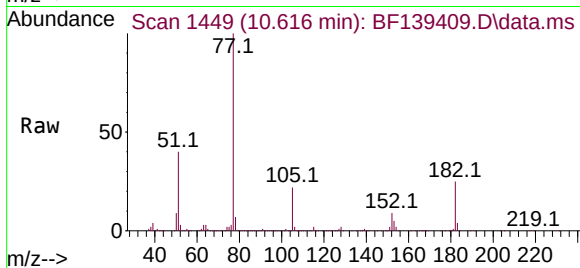
Ion Ratio Lower Upper

77 100

182 25.4 1.8 41.8

105 22.3 0.0 38.6

51 40.0 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: BF139409.D

Acq: 17 Sep 2024 18:33

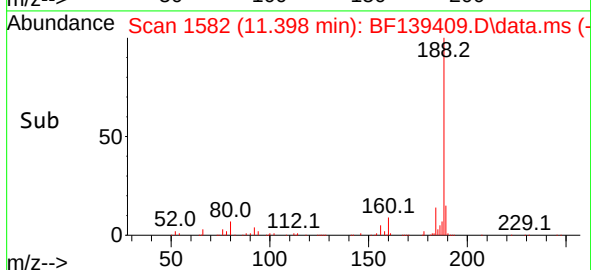
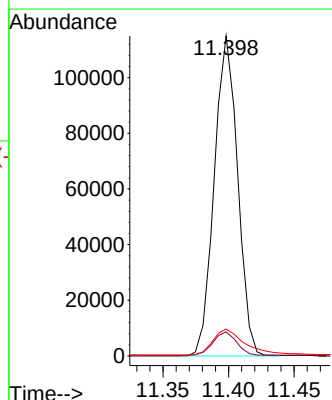
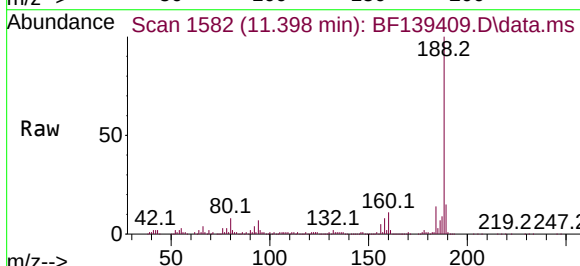
Tgt Ion: 188 Resp: 142428

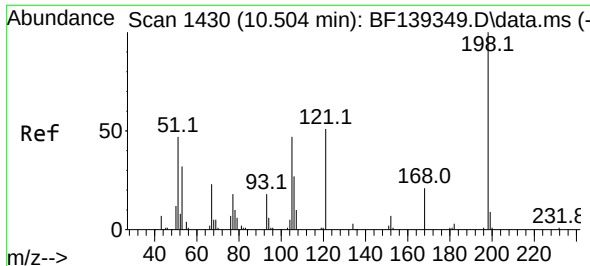
Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

80 8.4 6.6 9.8

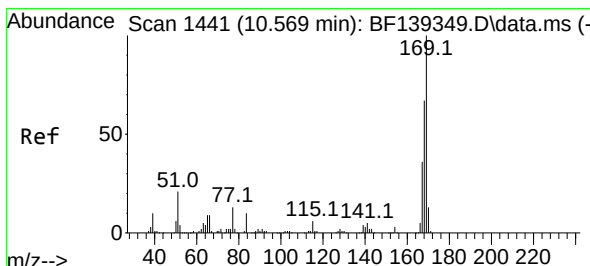
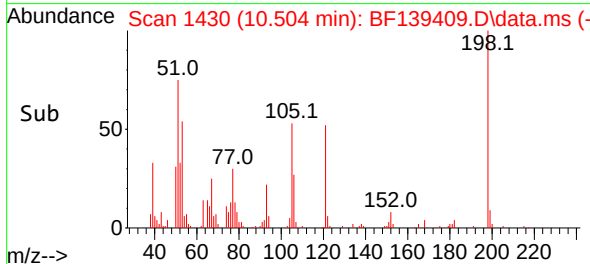
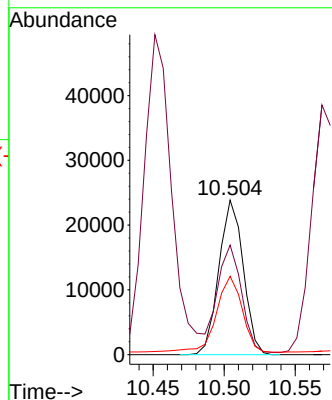
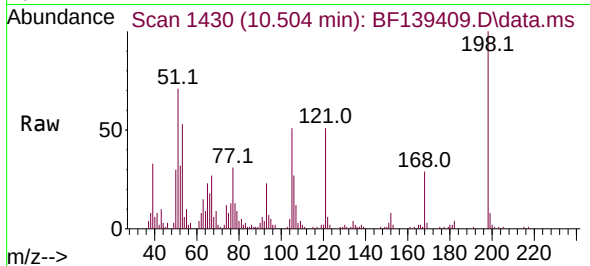




#65
4,6-Dinitro-2-methylphenol
Concen: 37.816 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

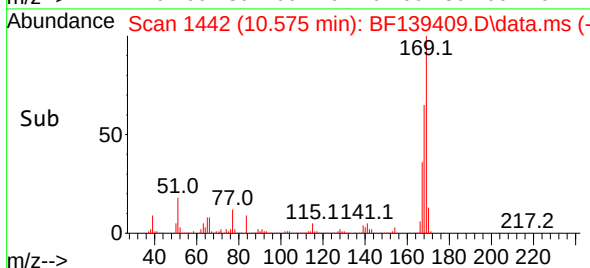
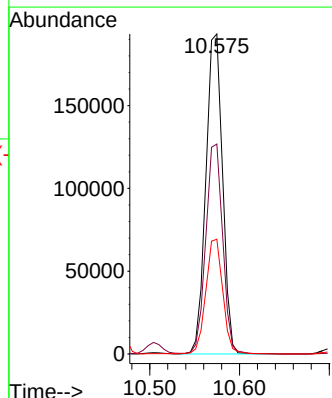
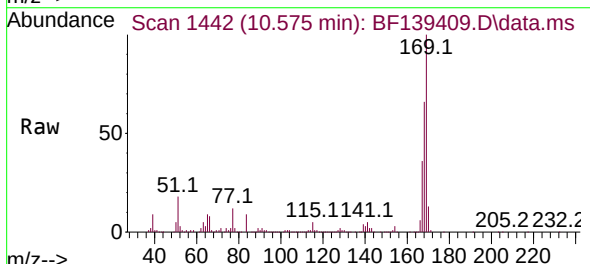
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

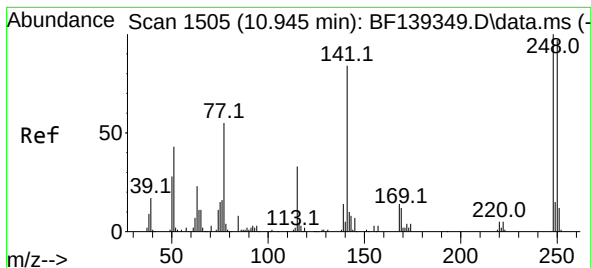
Tgt Ion:198 Resp: 28427
Ion Ratio Lower Upper
198 100
51 70.9 50.4 90.4
105 50.8 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 59.858 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:169 Resp: 249257
Ion Ratio Lower Upper
169 100
168 65.6 53.6 80.4
167 35.9 28.7 43.1

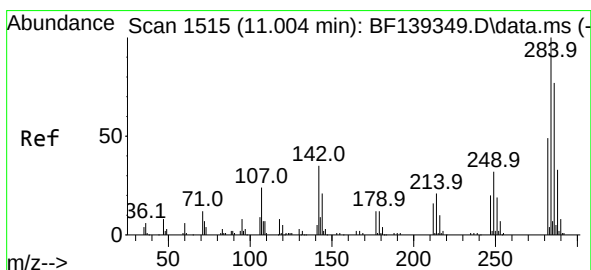
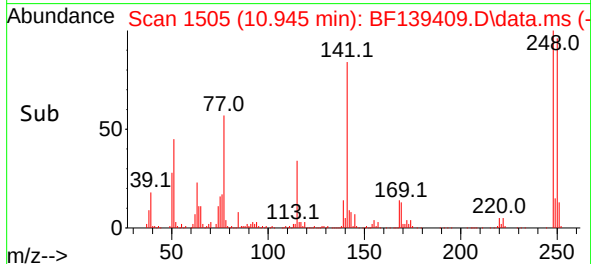
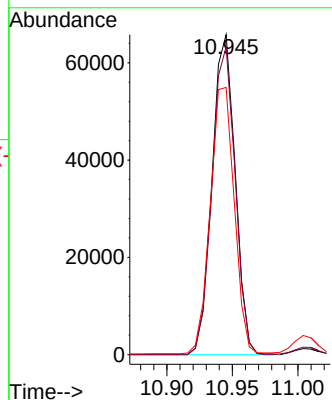
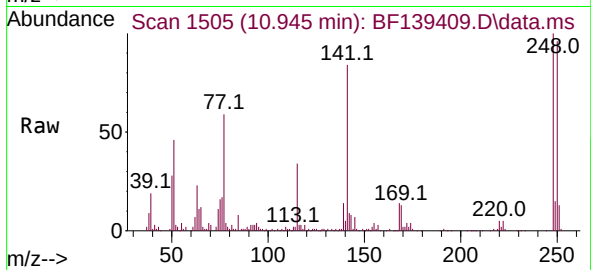




#67
4-Bromophenyl-phenylether
Concen: 57.079 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

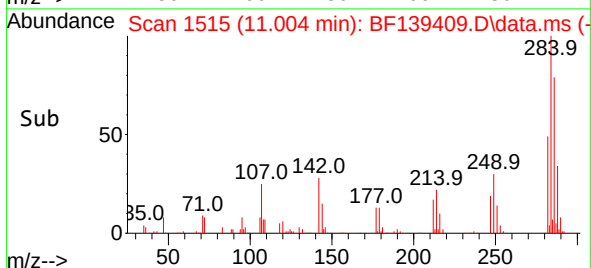
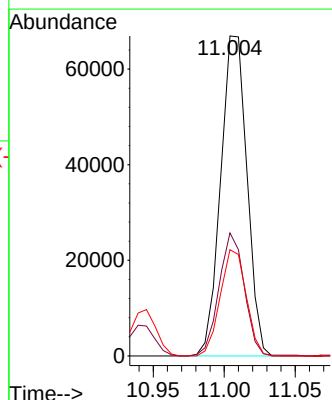
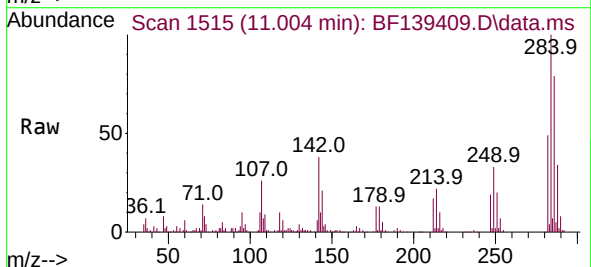
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

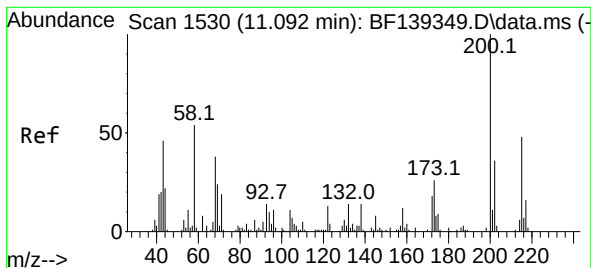
Tgt Ion:248 Resp: 80563
Ion Ratio Lower Upper
248 100
250 96.2 77.6 116.4
141 83.5 66.9 100.3



#68
Hexachlorobenzene
Concen: 52.122 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:284 Resp: 86339
Ion Ratio Lower Upper
284 100
142 38.4 28.0 42.0
249 33.2 25.3 37.9





#69

Atrazine

Concen: 77.375 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

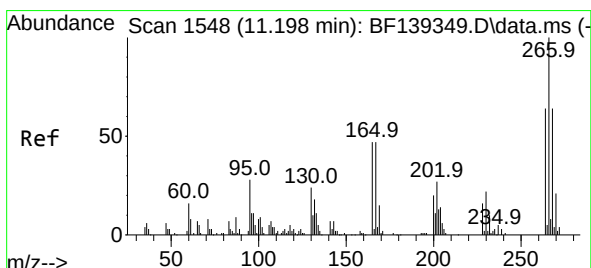
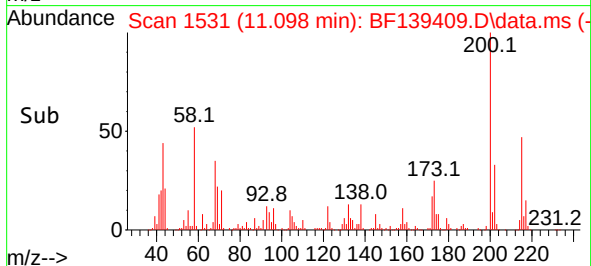
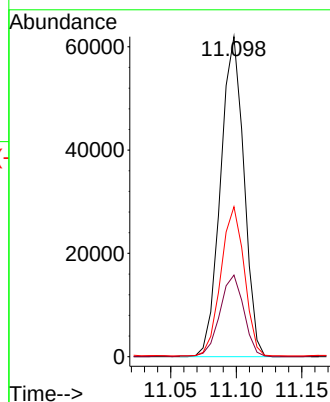
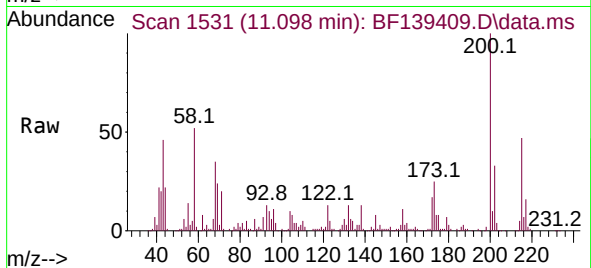
Tgt Ion:200 Resp: 76705

Ion Ratio Lower Upper

200 100

173 25.5 6.1 46.1

215 46.9 28.2 68.2



#70

Pentachlorophenol

Concen: 102.861 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

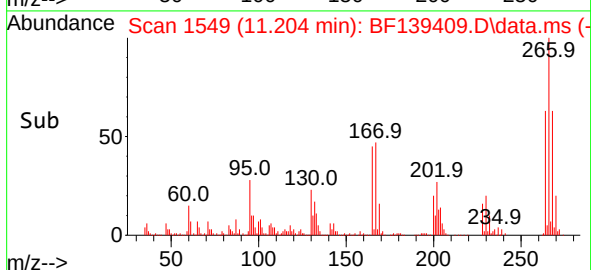
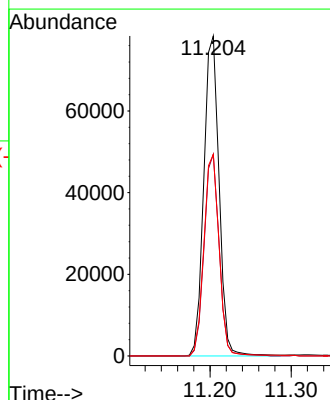
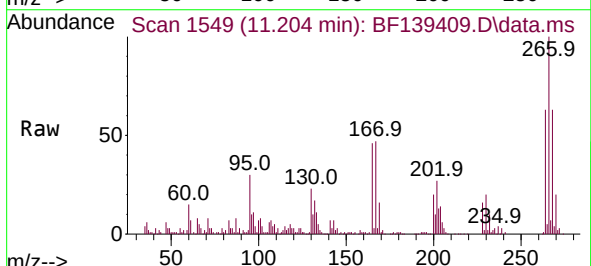
Tgt Ion:266 Resp: 102240

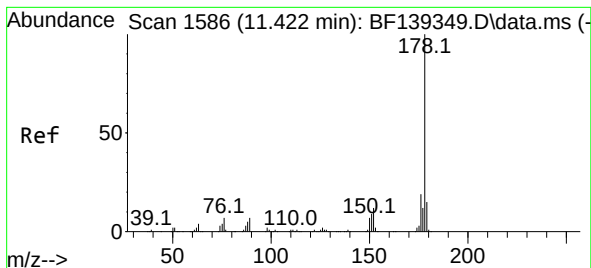
Ion Ratio Lower Upper

266 100

268 63.0 51.1 76.7

264 63.0 51.4 77.0





#71

Phenanthrene

Concen: 58.974 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

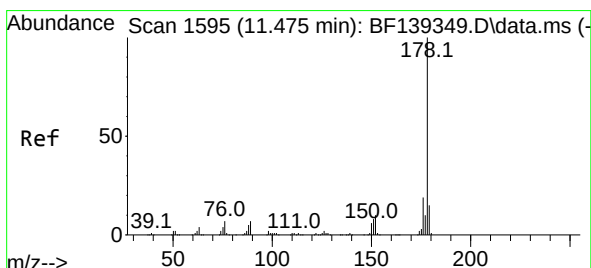
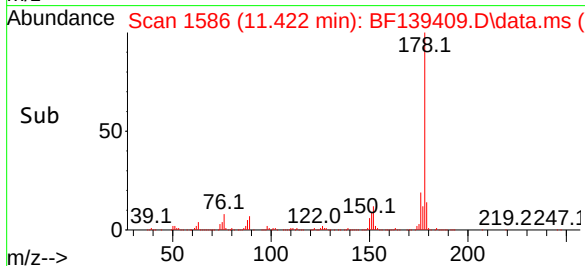
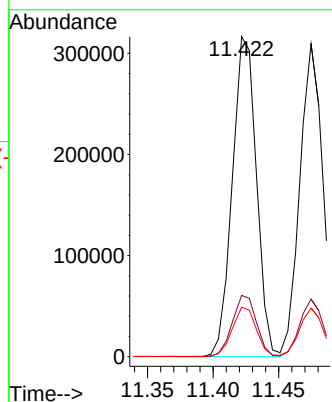
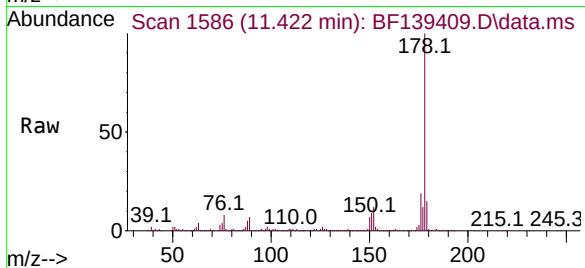
Tgt Ion:178 Resp: 405241

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 55.857 ng

RT: 11.475 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

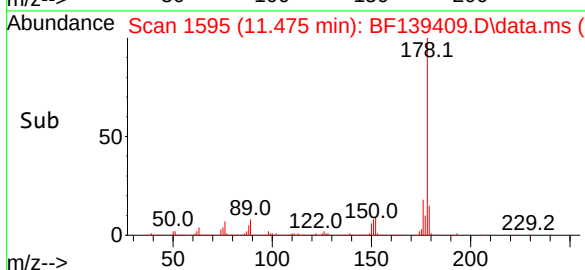
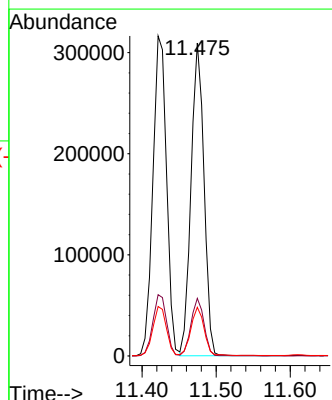
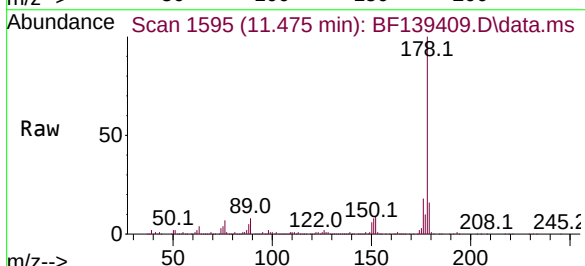
Tgt Ion:178 Resp: 375273

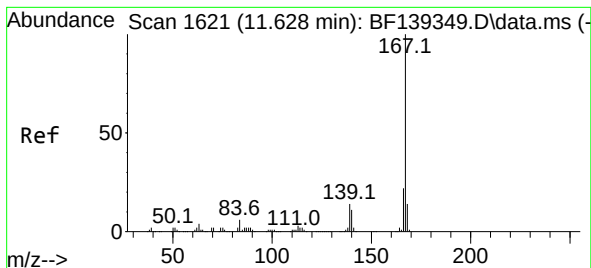
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

179 15.5 12.0 18.0





#73

Carbazole

Concen: 52.094 ng

RT: 11.628 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

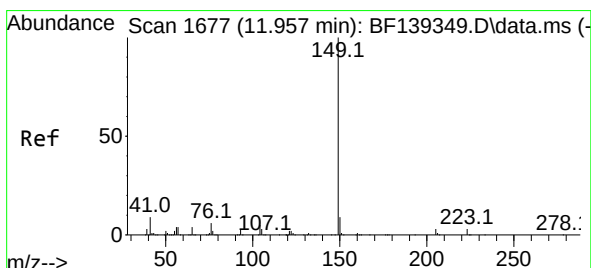
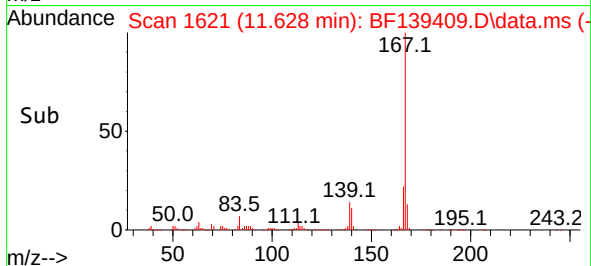
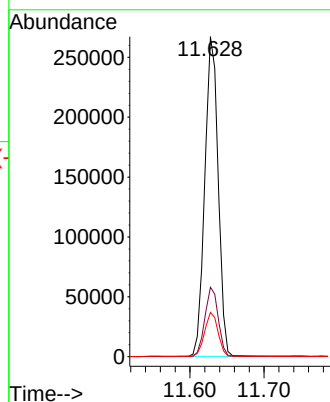
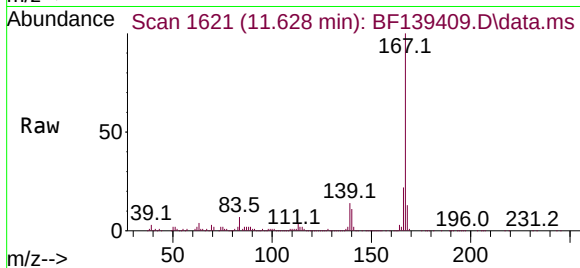
Tgt Ion:167 Resp: 334979

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

139 13.9 10.9 16.3



#74

Di-n-butylphthalate

Concen: 58.243 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

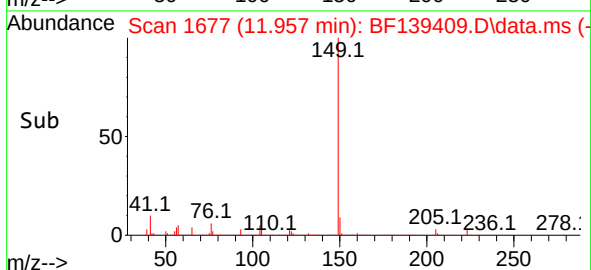
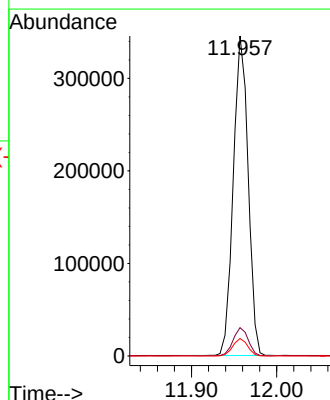
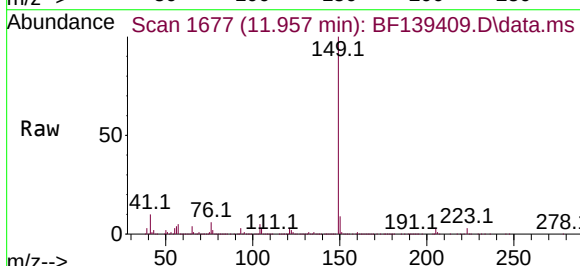
Tgt Ion:149 Resp: 417201

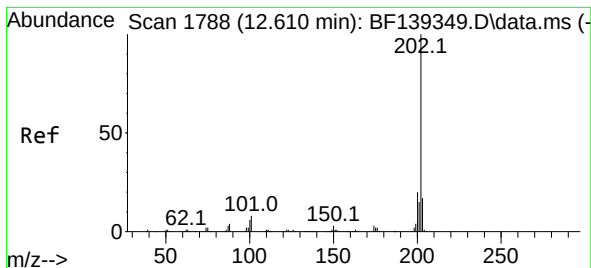
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 64.022 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

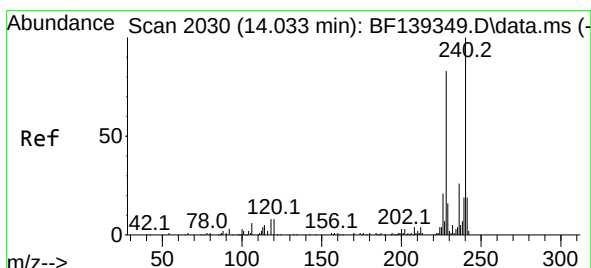
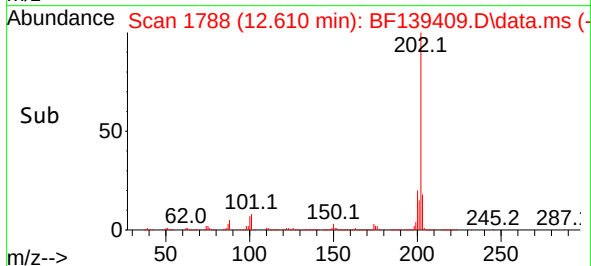
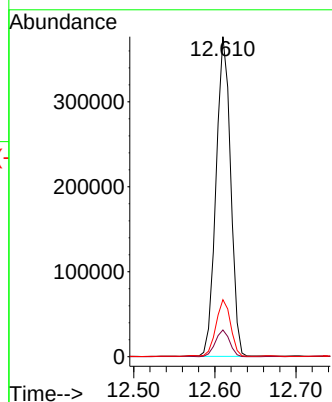
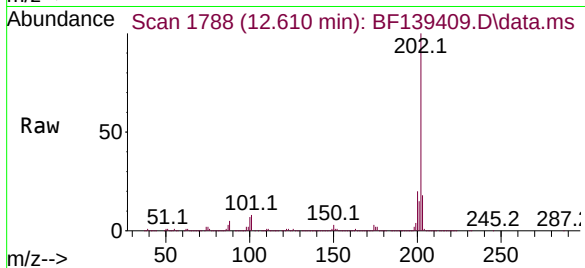
Tgt Ion:202 Resp: 469806

Ion Ratio Lower Upper

202 100

101 8.3 0.0 27.7

203 17.8 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

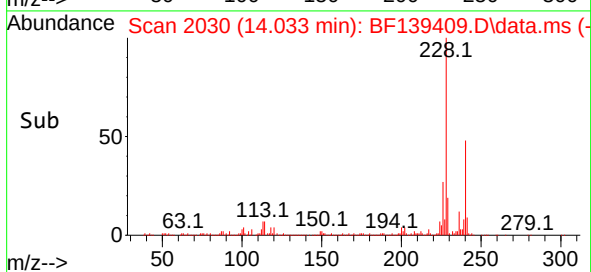
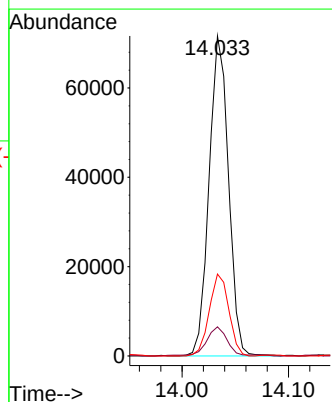
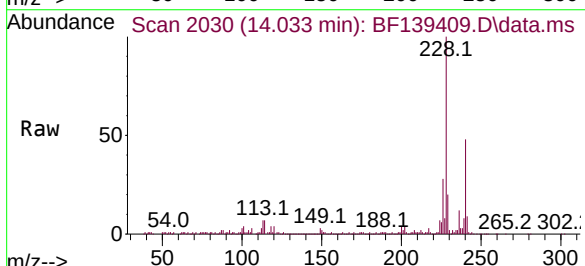
Tgt Ion:240 Resp: 90734

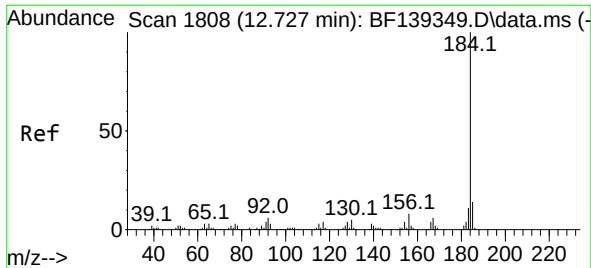
Ion Ratio Lower Upper

240 100

120 9.1 6.2 9.2

236 25.6 20.9 31.3

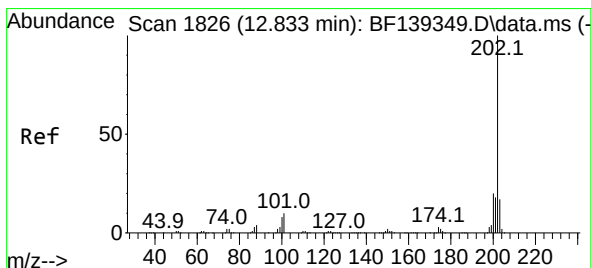
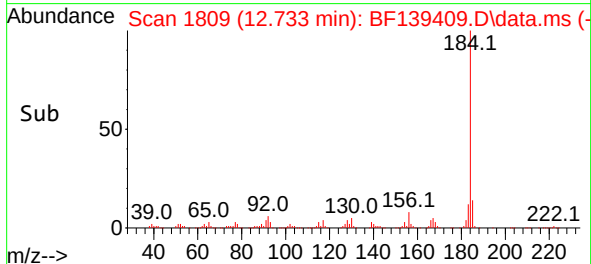
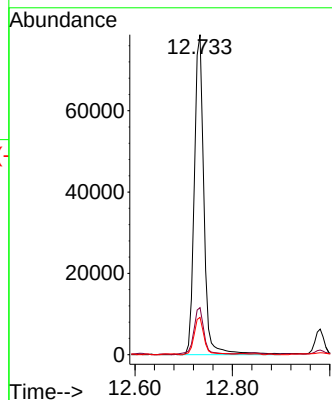
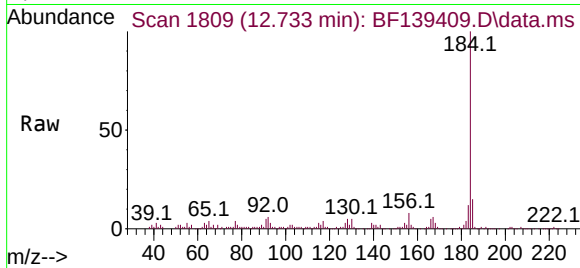




#77
Benzidine
Concen: 83.572 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

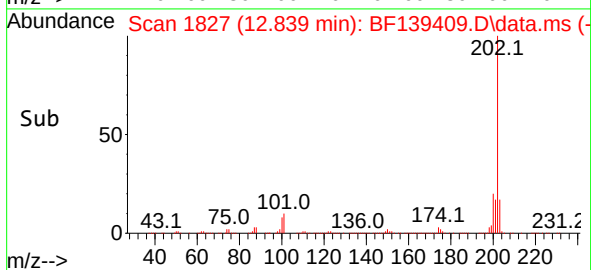
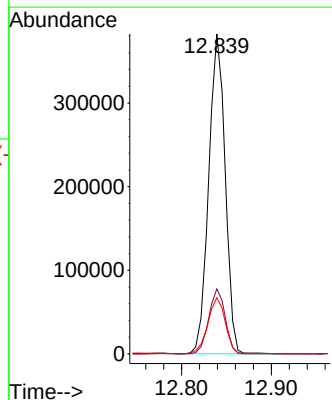
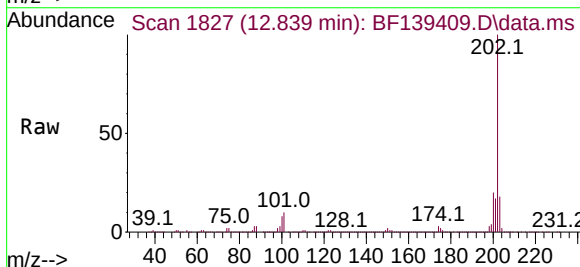
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

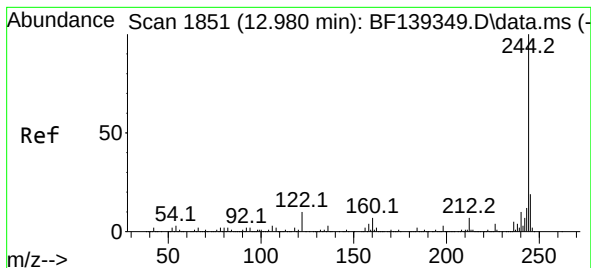
Tgt Ion:184 Resp: 108639
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.7 8.9 13.3



#78
Pyrene
Concen: 62.492 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:202 Resp: 486862
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 83.678 ng

RT: 12.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

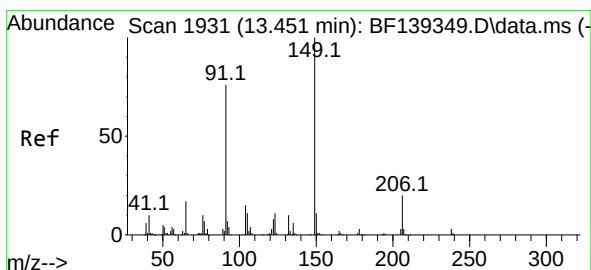
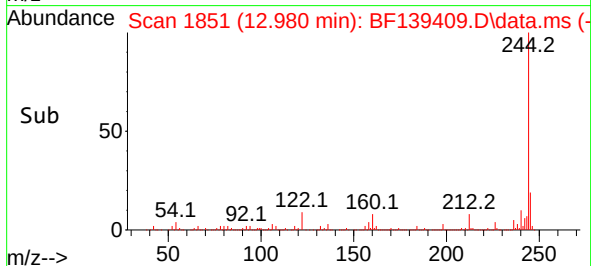
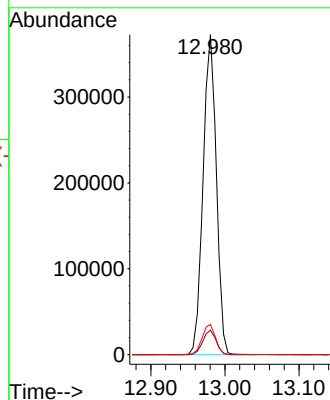
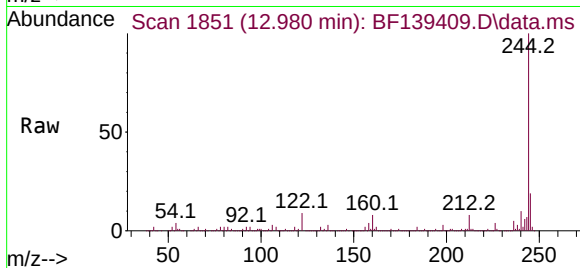
Tgt Ion:244 Resp: 462561

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 9.4 7.6 11.4



#80

Butylbenzylphthalate

Concen: 63.119 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

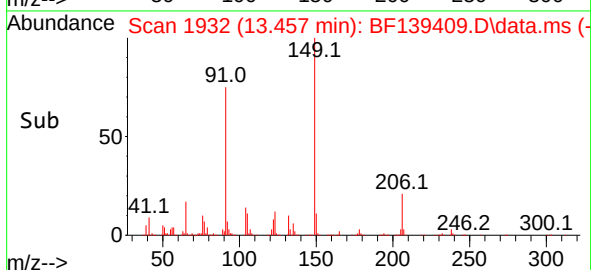
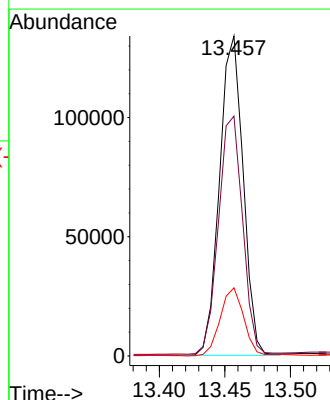
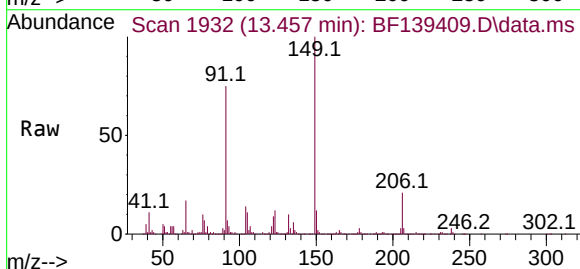
Tgt Ion:149 Resp: 167379

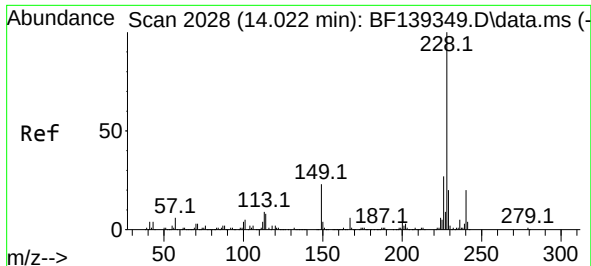
Ion Ratio Lower Upper

149 100

91 75.0 60.9 91.3

206 21.3 15.8 23.8

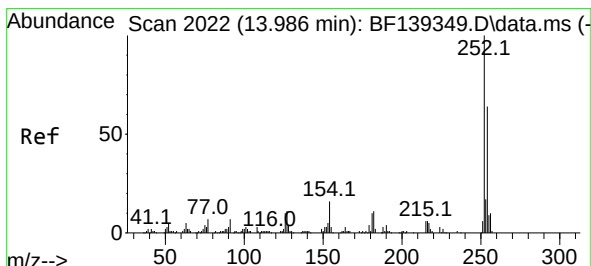
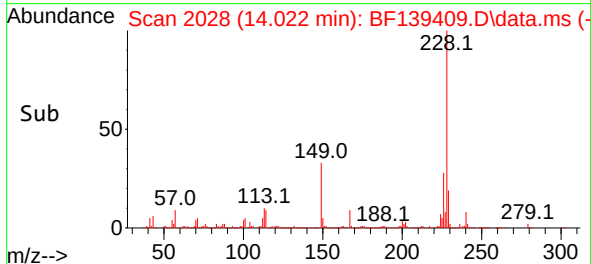
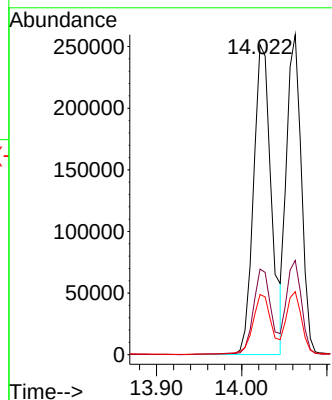
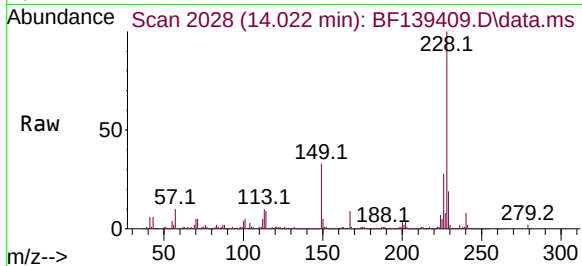




#81
Benzo(a)anthracene
Concen: 60.536 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

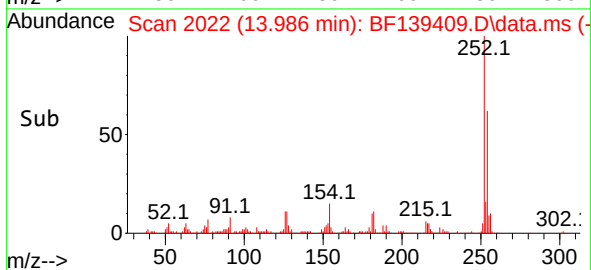
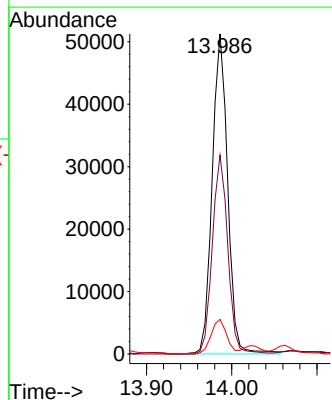
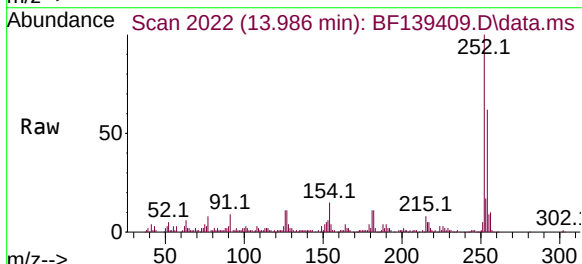
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

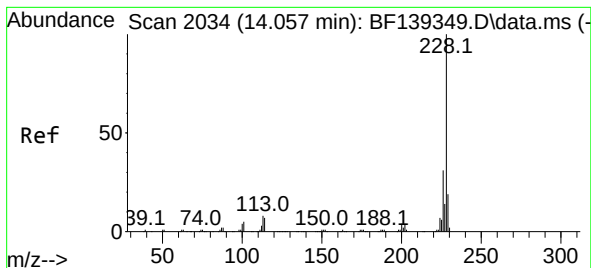
Tgt Ion:228 Resp: 363834
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 19.4 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 36.874 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:252 Resp: 64902
Ion Ratio Lower Upper
252 100
254 62.1 51.4 77.2
126 10.8 7.7 11.5





#83

Chrysene

Concen: 56.132 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

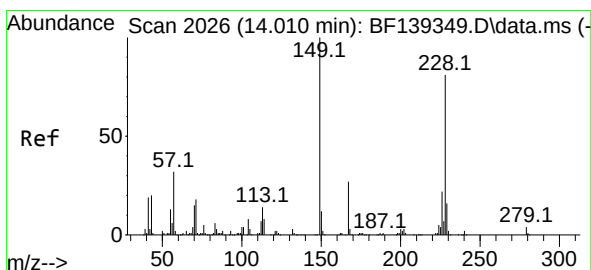
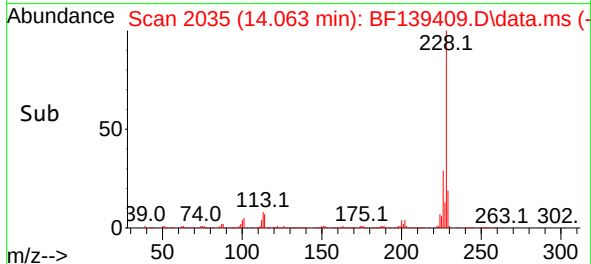
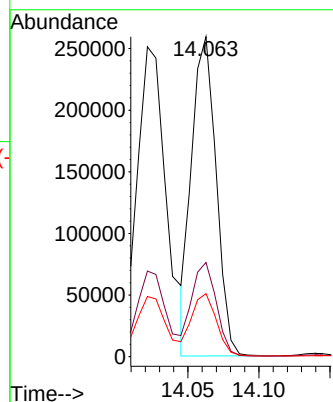
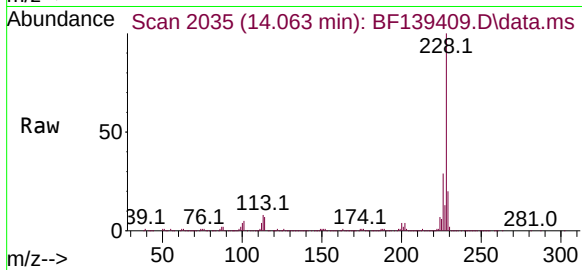
Tgt Ion:228 Resp: 310378

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.976 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

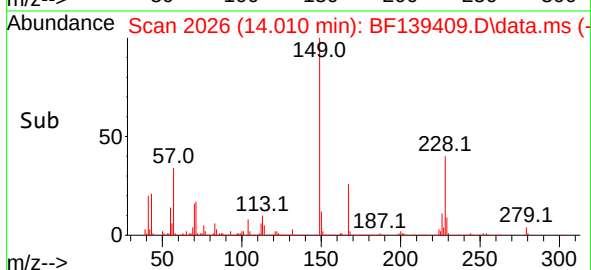
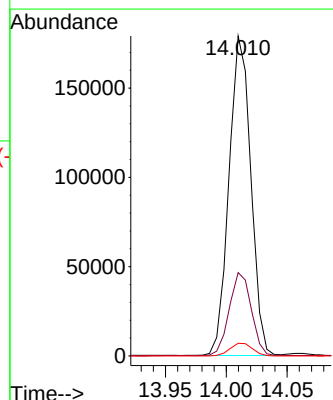
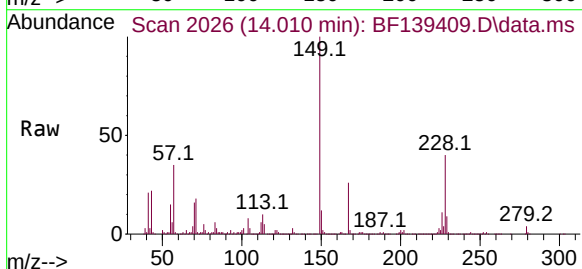
Tgt Ion:149 Resp: 222565

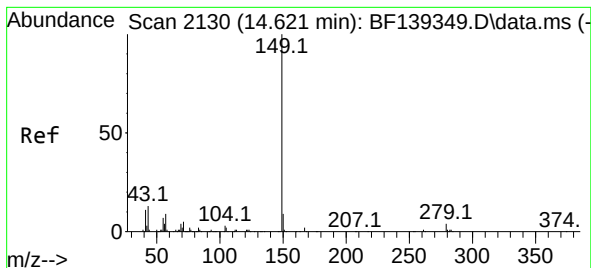
Ion Ratio Lower Upper

149 100

167 26.1 21.6 32.4

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 64.234 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

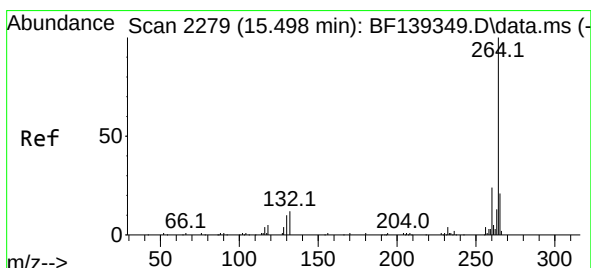
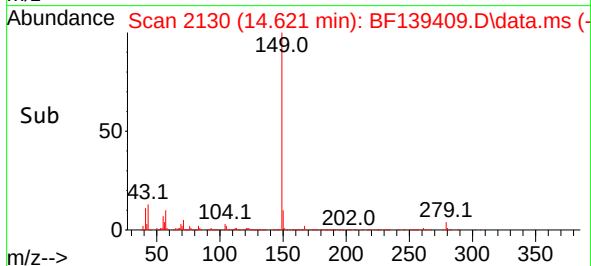
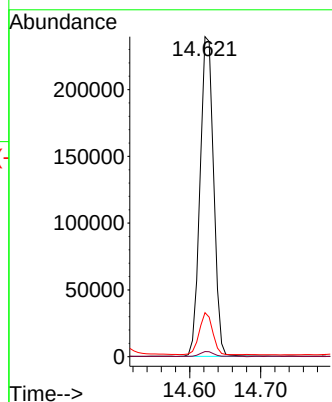
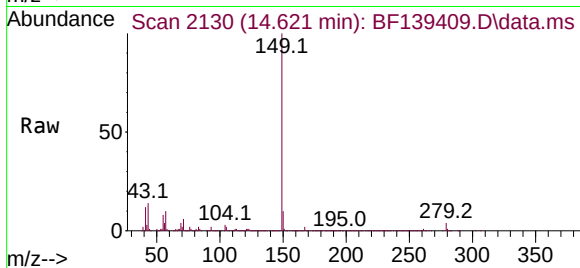
Tgt Ion:149 Resp: 319120

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 12.8 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

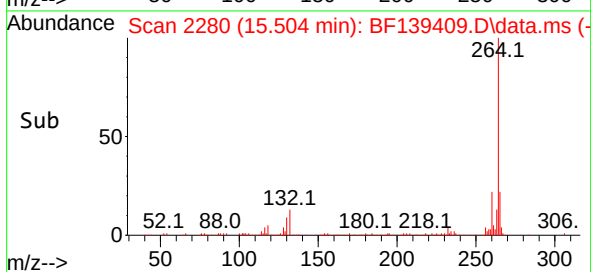
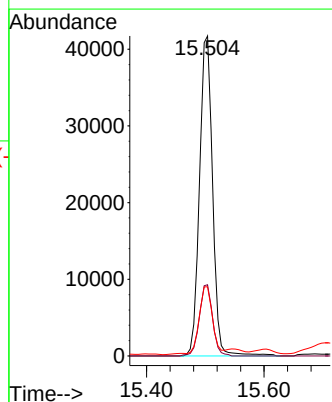
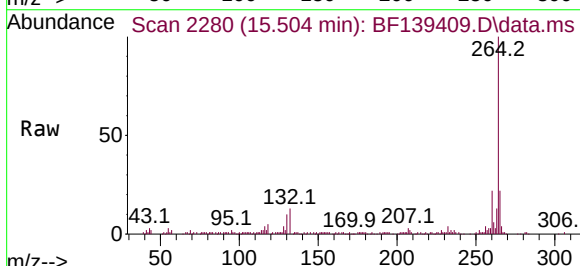
Tgt Ion:264 Resp: 64580

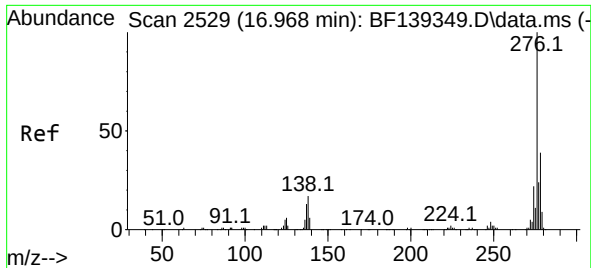
Ion Ratio Lower Upper

264 100

260 22.3 19.5 29.3

265 21.6 16.6 25.0

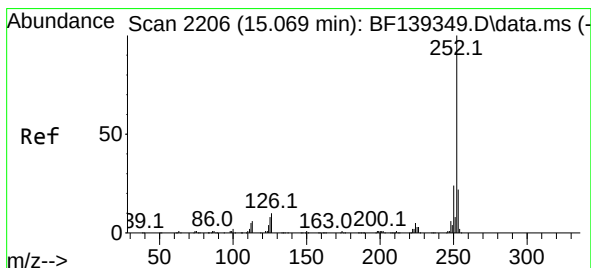
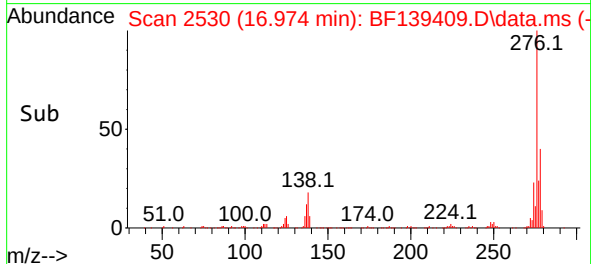
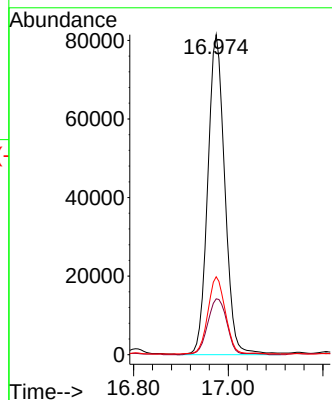
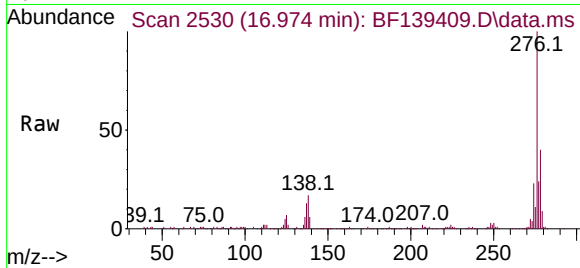




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.066 ng
 RT: 16.974 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF139409.D
 Acq: 17 Sep 2024 18:33

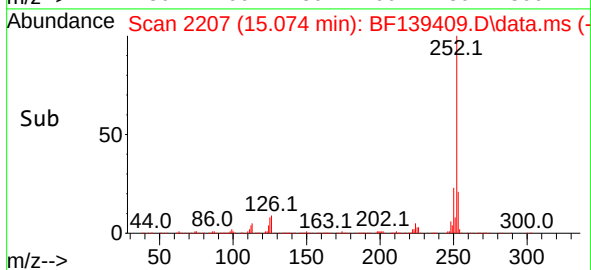
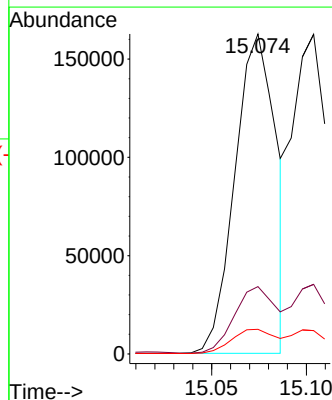
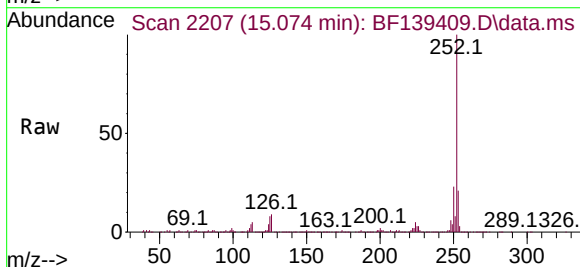
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

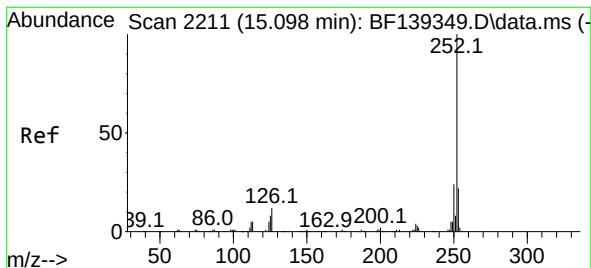
Tgt Ion:276 Resp: 203778
 Ion Ratio Lower Upper
 276 100
 138 19.6 15.4 23.2
 277 24.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 61.495 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: BF139409.D
 Acq: 17 Sep 2024 18:33

Tgt Ion:252 Resp: 244927
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.6 26.4
 125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 58.873 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

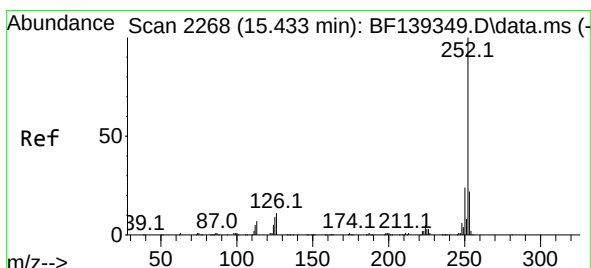
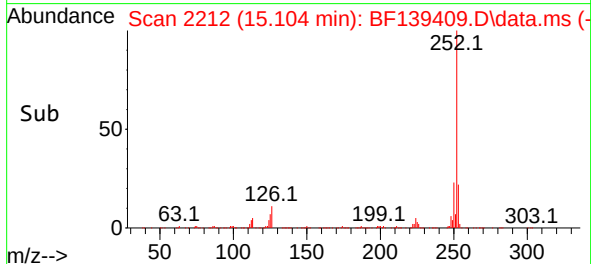
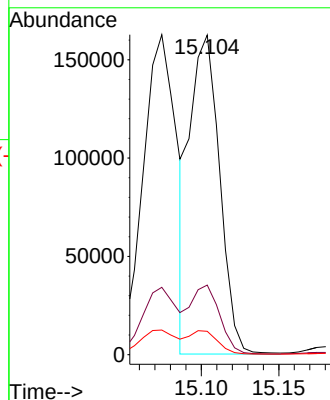
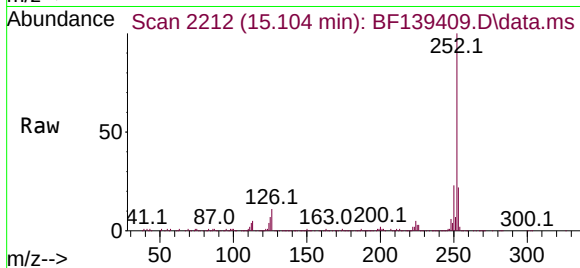
Tgt Ion:252 Resp: 216199

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 7.3 5.9 8.9



#90

Benzo(a)pyrene

Concen: 61.411 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139409.D

Acq: 17 Sep 2024 18:33

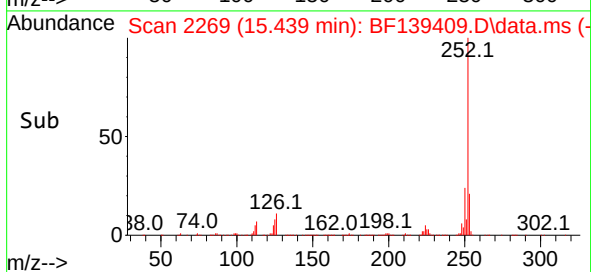
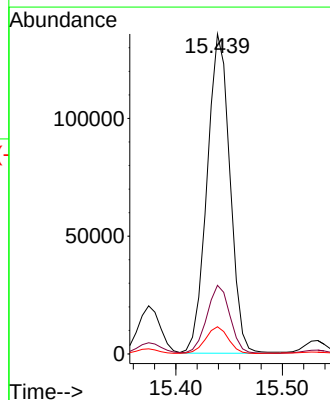
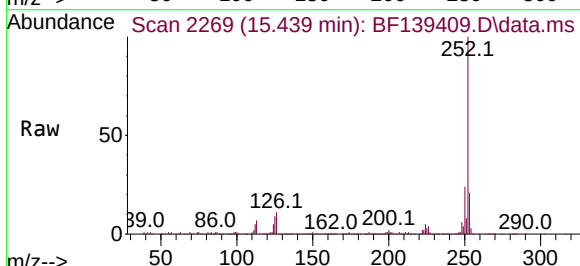
Tgt Ion:252 Resp: 202854

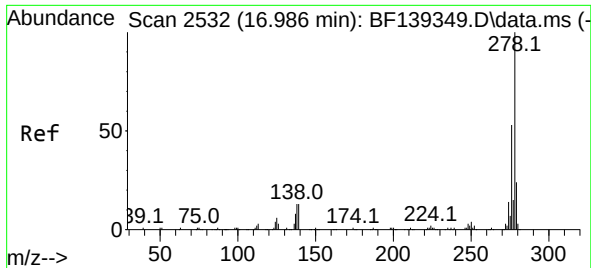
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 8.5 6.8 10.2

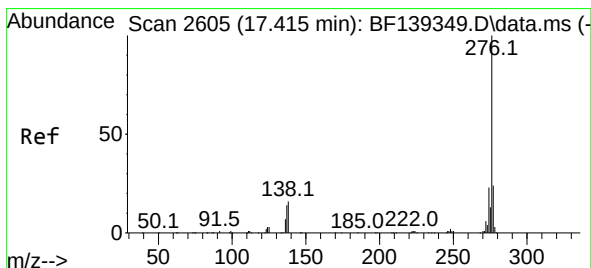
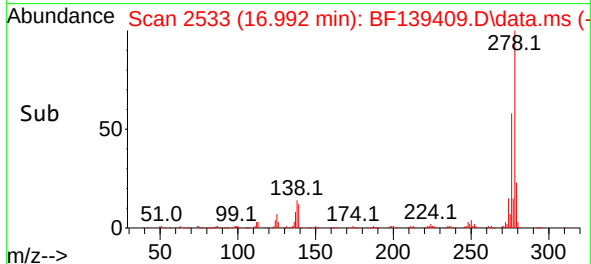
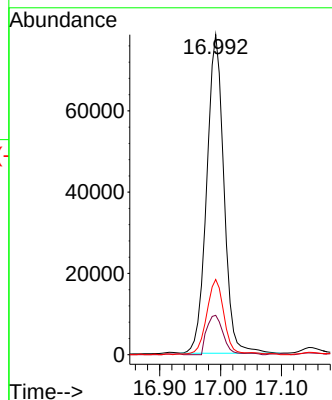
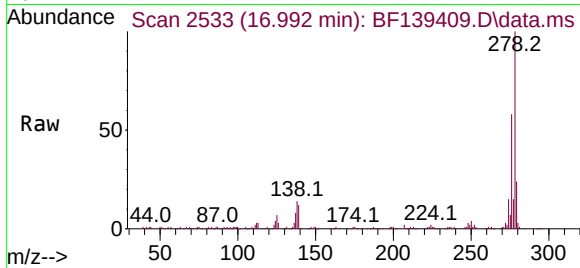




#91
Dibenzo(a,h)anthracene
Concen: 48.413 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:278 Resp: 153622
Ion Ratio Lower Upper
278 100
139 12.3 10.2 15.2
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 49.195 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139409.D
Acq: 17 Sep 2024 18:33

Tgt Ion:276 Resp: 154564
Ion Ratio Lower Upper
276 100
277 24.6 18.9 28.3
138 16.0 13.0 19.6

