

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
 Data File : BF139385.D
 Acq On : 16 Sep 2024 18:23
 Operator : RC/JU
 Sample : P3947-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1MSD

Quant Time: Sep 17 01:37:41 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	58657	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	210860	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	103397	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	155991	20.000	ng	0.00
76) Chrysene-d12	14.033	240	92472	20.000	ng	0.00
86) Perylene-d12	15.498	264	73636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	423232	117.708	ng	0.01
7) Phenol-d6	6.510	99	550215	116.584	ng	0.00
23) Nitrobenzene-d5	7.445	82	380087	84.741	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	113124	102.767	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	618944	83.956	ng	0.00
79) Terphenyl-d14	12.980	244	417283	74.068	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	58290	40.407	ng	100
3) Pyridine	3.481	79	146330	46.008	ng	96
4) n-Nitrosodimethylamine	3.440	42	130780	47.440	ng	100
6) Aniline	6.545	93	123596	34.702	ng	96
8) 2-Chlorophenol	6.663	128	178073	48.112	ng	99
9) Benzaldehyde	6.428	77	38640	14.171	ng	98
10) Phenol	6.528	94	231217	48.103	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	174522	47.770	ng	99
12) 1,3-Dichlorobenzene	6.822	146	194580	46.226	ng	100
13) 1,4-Dichlorobenzene	6.898	146	195749	46.019	ng	100
14) 1,2-Dichlorobenzene	7.045	146	184292	45.851	ng	99
15) Benzyl Alcohol	7.022	79	183654	48.775	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	303221	53.855	ng	97
17) 2-Methylphenol	7.134	107	142163	48.344	ng	100
18) Hexachloroethane	7.392	117	74468	45.963	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	145290	51.950	ng	99
20) 3+4-Methylphenols	7.286	107	193379	48.200	ng	# 89
22) Acetophenone	7.286	105	269087	48.814	ng	97
24) Nitrobenzene	7.463	77	216224	46.839	ng	99
25) Isophorone	7.698	82	363754	51.280	ng	98
26) 2-Nitrophenol	7.775	139	91764	51.023	ng	98
27) 2,4-Dimethylphenol	7.816	122	143914	60.662	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	209298	51.771	ng	98
29) 2,4-Dichlorophenol	8.016	162	144531	47.956	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	161809	46.078	ng	98
31) Naphthalene	8.186	128	527657	47.933	ng	100
32) Benzoic acid	7.934	122	100154	45.112	ng	99
33) 4-Chloroaniline	8.233	127	38923	11.558	ng	99
34) Hexachlorobutadiene	8.298	225	112329	47.083	ng	99
35) Caprolactam	8.598	113	42262	45.586	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	158129	45.909	ng	99
37) 2-Methylnaphthalene	8.875	142	335398	48.002	ng	100
38) 1-Methylnaphthalene	8.975	142	307627	44.845	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	160144	52.260	ng	99
41) Hexachlorocyclopentadiene	9.022	237	111650	104.351	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	102312	51.319	ng	99

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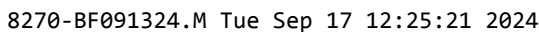
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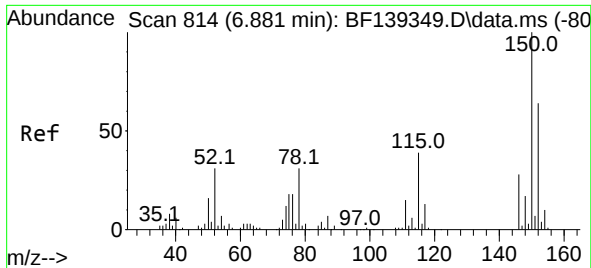
Quant Time: Sep 17 01:37:41 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	102439	48.711	ng	99
46) 1,1'-Biphenyl	9.339	154	411676	51.753	ng	100
47) 2-Chloronaphthalene	9.363	162	294372	49.494	ng	98
48) 2-Nitroaniline	9.457	65	109312	49.413	ng	99
49) Acenaphthylene	9.775	152	468990	52.384	ng	100
50) Dimethylphthalate	9.639	163	360922	53.183	ng	100
51) 2,6-Dinitrotoluene	9.698	165	72055	47.928	ng	99
52) Acenaphthene	9.945	154	317875	50.872	ng	99
53) 3-Nitroaniline	9.863	138	47680	31.734	ng	95
54) 2,4-Dinitrophenol	9.969	184	54408	64.947	ng	97
55) Dibenzofuran	10.122	168	416015	47.767	ng	97
56) 4-Nitrophenol	10.027	139	99269	79.848	ng	93
57) 2,4-Dinitrotoluene	10.098	165	91488	45.075	ng	98
58) Fluorene	10.463	166	325108	45.751	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	77669	44.647	ng	98
60) Diethylphthalate	10.333	149	349864	49.957	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	161419	46.742	ng	100
62) 4-Nitroaniline	10.475	138	58383	35.604	ng	99
63) Azobenzene	10.610	77	357744	51.936	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	33637	40.856	ng	98
66) n-Nitrosodiphenylamine	10.569	169	264084	57.905	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	86930	56.235	ng	100
68) Hexachlorobenzene	11.004	284	92925	51.220	ng	98
69) Atrazine	11.098	200	80471	74.116	ng	98
70) Pentachlorophenol	11.198	266	109192	100.304	ng	98
71) Phenanthrene	11.422	178	489574	65.052	ng	99
72) Anthracene	11.474	178	409426	55.642	ng	99
73) Carbazole	11.627	167	349493	49.626	ng	99
74) Di-n-butylphthalate	11.957	149	443766	56.565	ng	100
75) Fluoranthene	12.610	202	528350	65.739	ng	100
77) Benzidine	12.727	184	79648	60.118	ng	99
78) Pyrene	12.839	202	527119	66.388	ng	100
80) Butylbenzylphthalate	13.451	149	162905	60.277	ng	99
81) Benzo(a)anthracene	14.021	228	363951	59.417	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	65011	36.242	ng	99
83) Chrysene	14.063	228	331092	58.753	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	209390	60.903	ng	99
85) Di-n-octyl phthalate	14.621	149	305395	60.316	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	207031	47.282	ng	98
88) Benzo(b)fluoranthene	15.068	252	274928	60.538	ng	99
89) Benzo(k)fluoranthene	15.098	252	224182	53.539	ng	100
90) Benzo(a)pyrene	15.439	252	223698	59.393	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	161747	44.704	ng	99
92) Benzo(g,h,i)perylene	17.409	276	155354	43.365	ng	98

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

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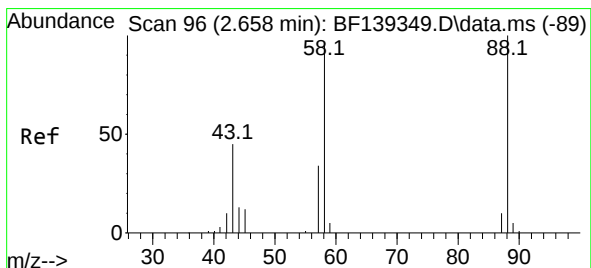
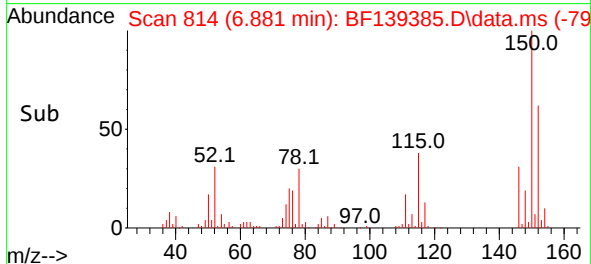
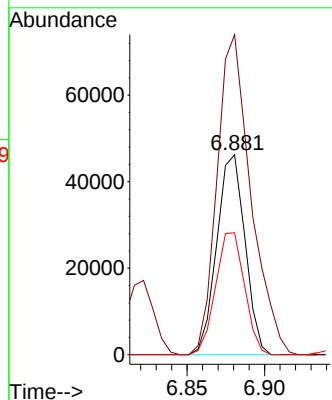
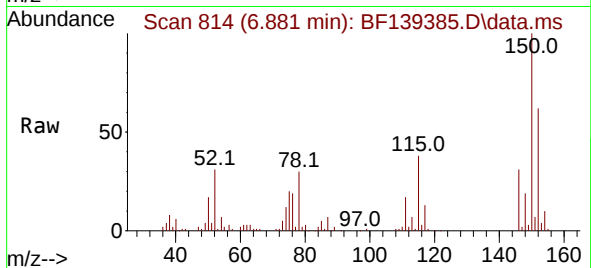




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF139385.D
 Acq: 16 Sep 2024 18:23

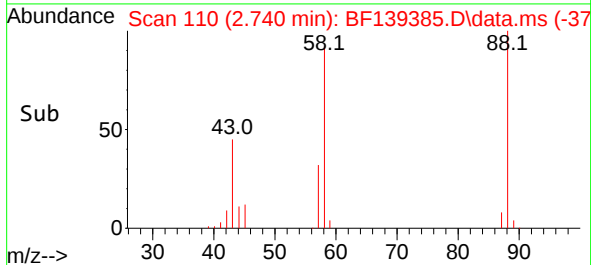
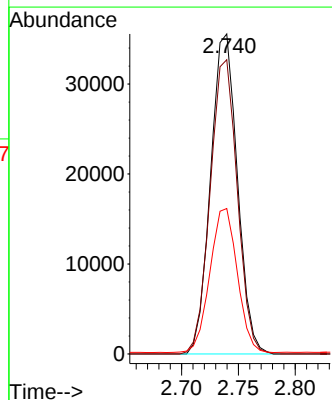
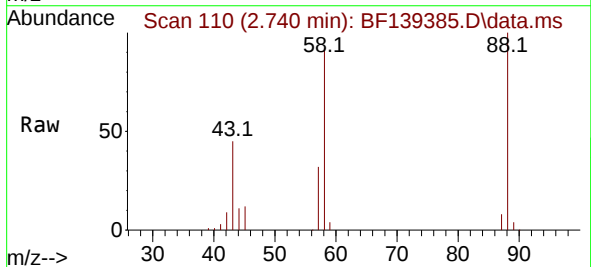
Instrument :
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 RW-1MSD

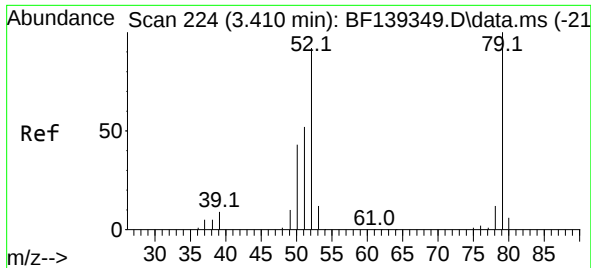
Tgt Ion:152 Resp: 58657
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.1 186.1
 115 61.0 48.1 72.1



#2
 1,4-Dioxane
 Concen: 40.407 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.082 min
 Lab File: BF139385.D
 Acq: 16 Sep 2024 18:23

Tgt Ion: 88 Resp: 58290
 Ion Ratio Lower Upper
 88 100
 58 93.2 74.8 112.2
 43 45.9 36.4 54.6





#3

Pyridine

Concen: 46.008 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

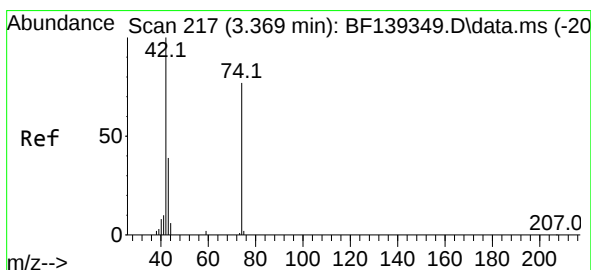
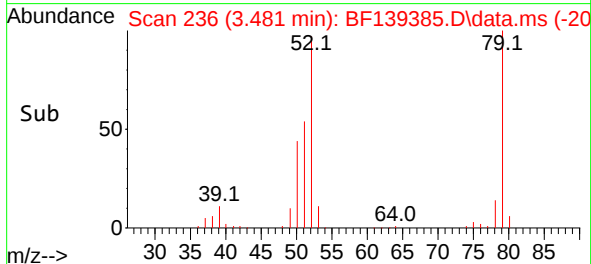
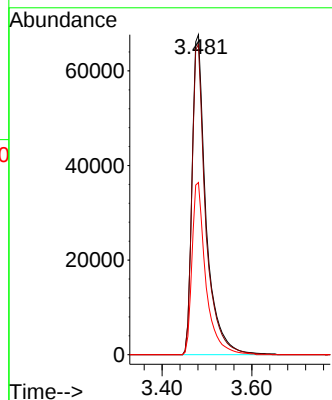
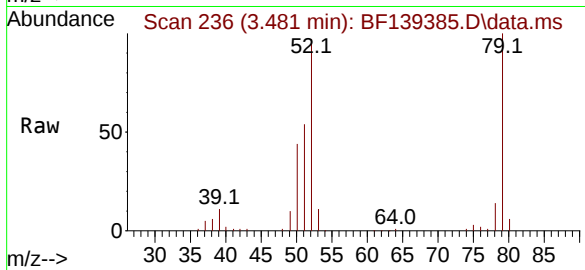
Tgt Ion: 79 Resp: 146330

Ion Ratio Lower Upper

79 100

52 96.9 73.8 110.8

51 53.8 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 47.440 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.070 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

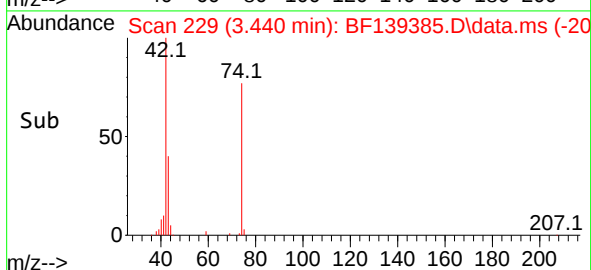
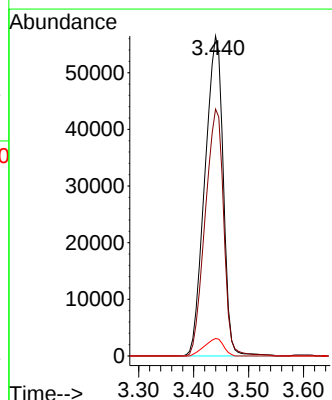
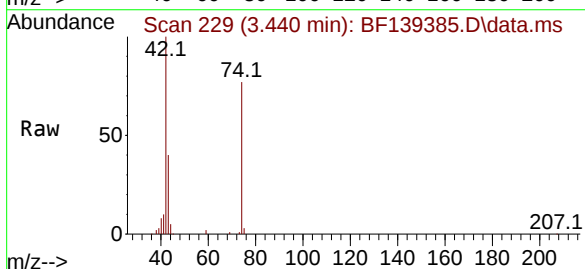
Tgt Ion: 42 Resp: 130780

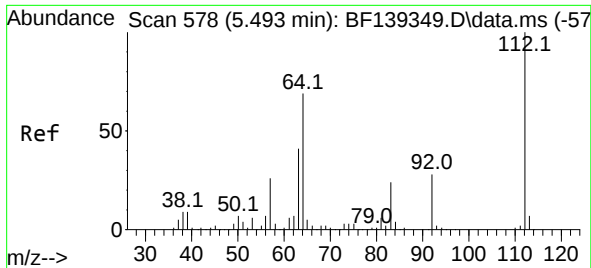
Ion Ratio Lower Upper

42 100

74 77.1 61.8 92.8

44 5.4 4.8 7.2

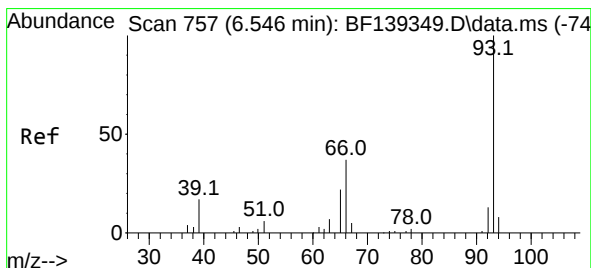
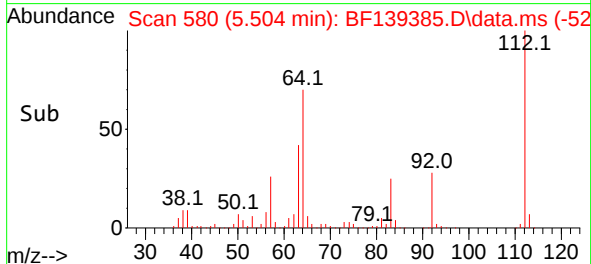
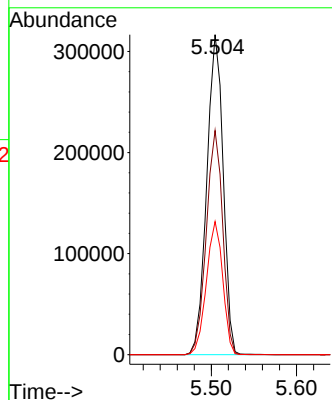
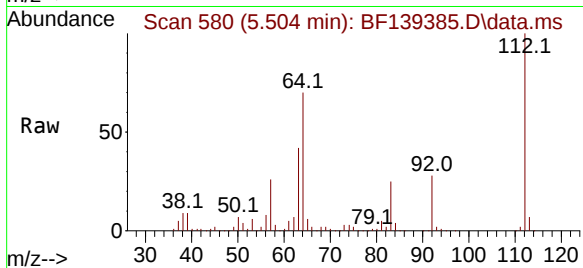




#5
2-Fluorophenol
Concen: 117.708 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

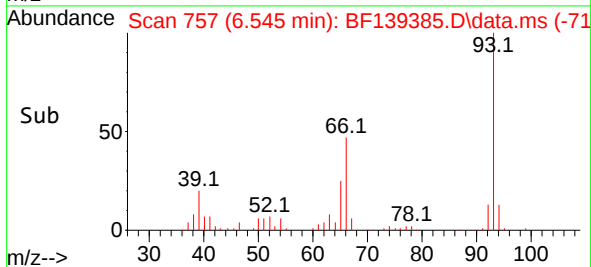
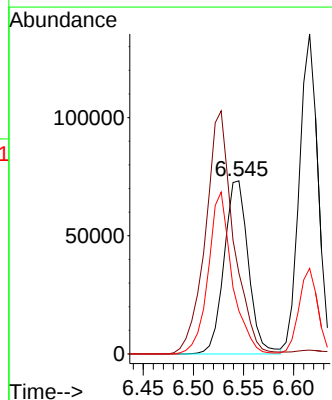
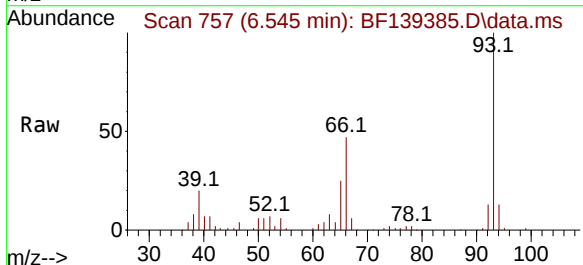
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

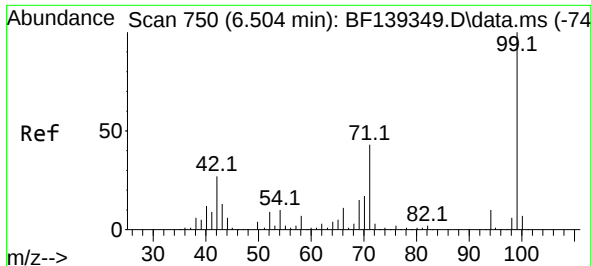
Tgt Ion:112 Resp: 423232
Ion Ratio Lower Upper
112 100
64 70.0 54.8 82.2
63 41.6 33.0 49.4



#6
Aniline
Concen: 34.702 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion: 93 Resp: 123596
Ion Ratio Lower Upper
93 100
66 46.7 35.4 53.0
65 24.8 18.2 27.4

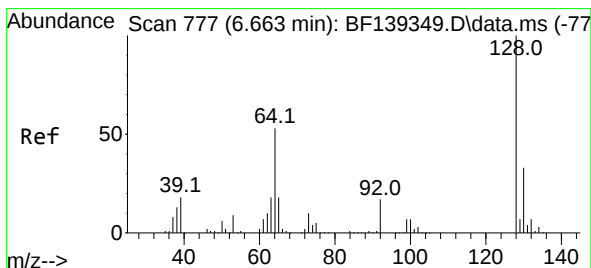
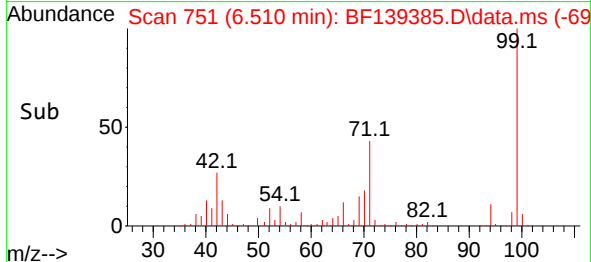
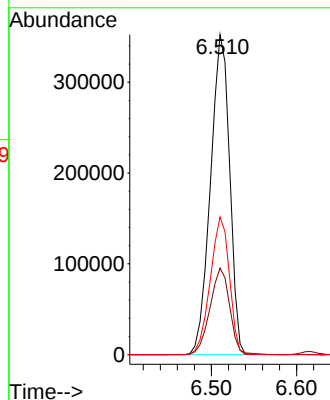
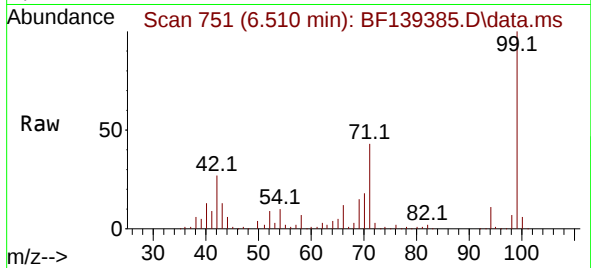




#7
Phenol-d6
Concen: 116.584 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

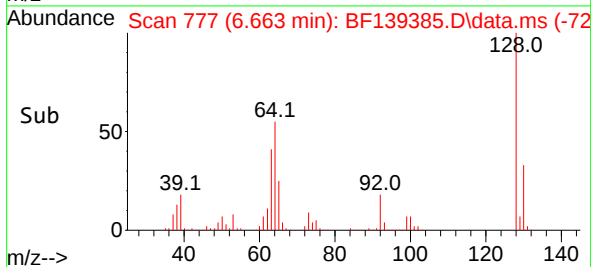
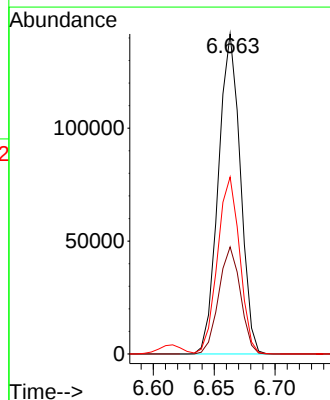
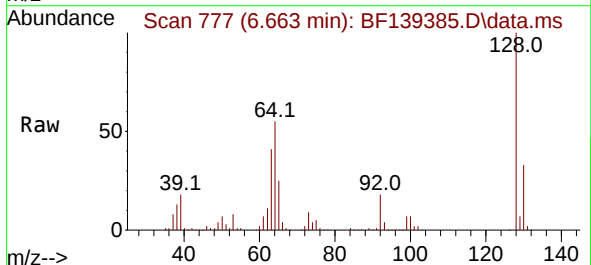
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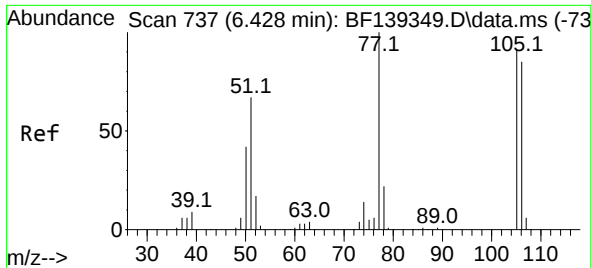
Tgt Ion: 99 Resp: 550215
Ion Ratio Lower Upper
99 100
42 27.0 21.9 32.9
71 43.1 34.6 52.0



#8
2-Chlorophenol
Concen: 48.112 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:128 Resp: 178073
Ion Ratio Lower Upper
128 100
130 33.4 12.8 52.8
64 55.3 35.1 75.1





#9

Benzaldehyde

Concen: 14.171 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

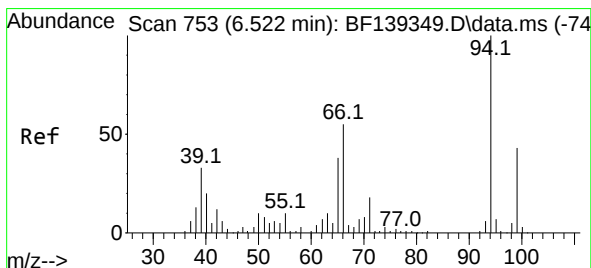
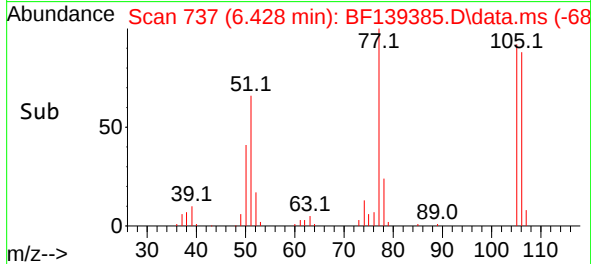
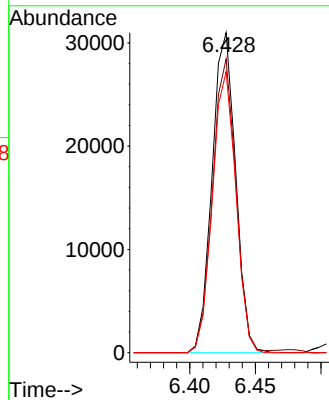
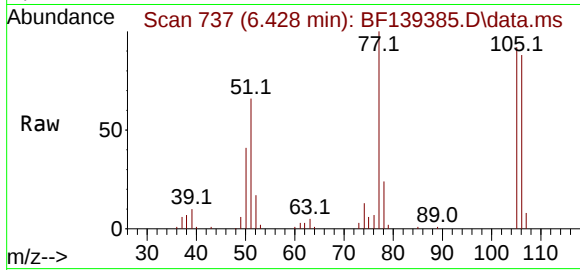
Tgt Ion: 77 Resp: 38640

Ion Ratio Lower Upper

77 100

105 91.8 71.0 111.0

106 87.9 64.9 104.9



#10

Phenol

Concen: 48.103 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

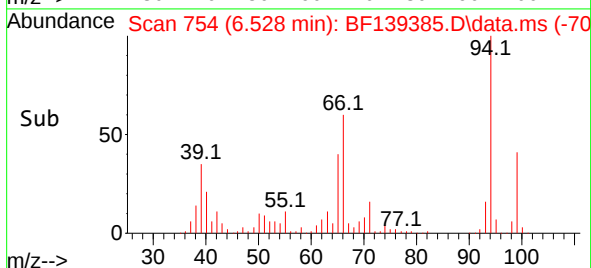
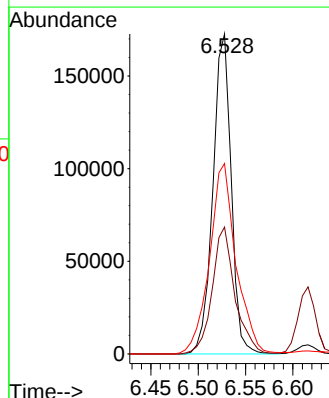
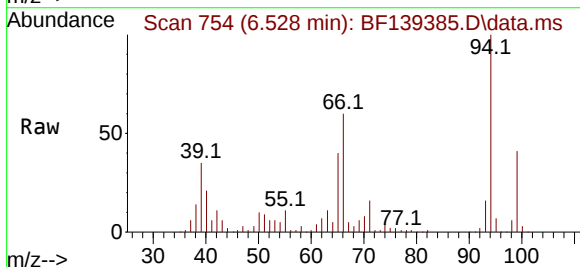
Tgt Ion: 94 Resp: 231217

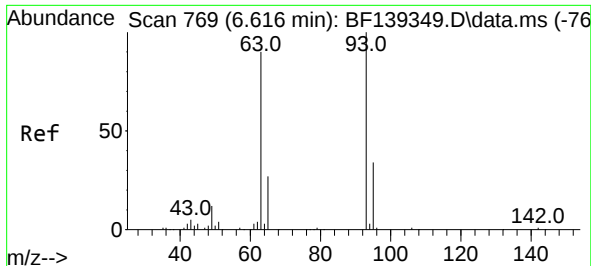
Ion Ratio Lower Upper

94 100

65 39.7 17.6 57.6

66 59.5 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 47.770 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

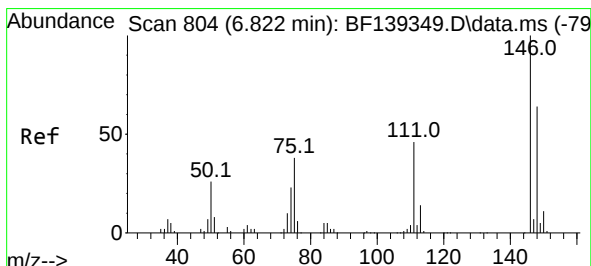
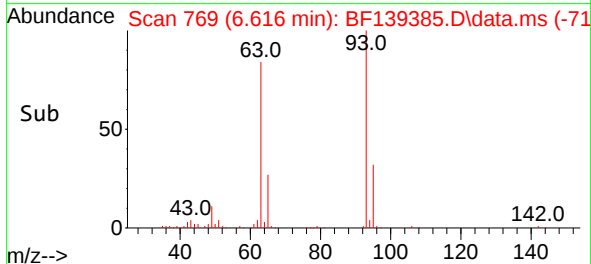
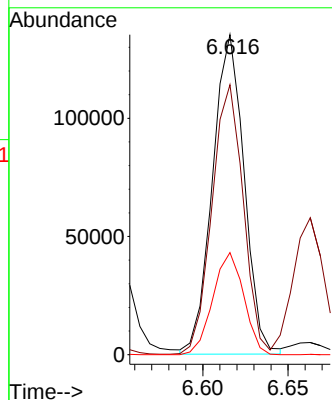
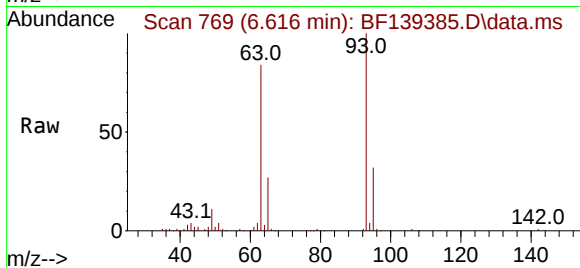
BNA_F

ClientSampleId :

RW-1MSD

Tgt Ion: 93 Resp: 174522

Ion	Ratio	Lower	Upper
93	100		
63	84.4	65.3	105.3
95	31.9	12.4	52.4



#12

1,3-Dichlorobenzene

Concen: 46.226 ng

RT: 6.822 min Scan# 804

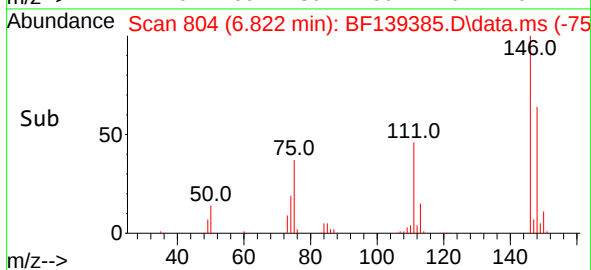
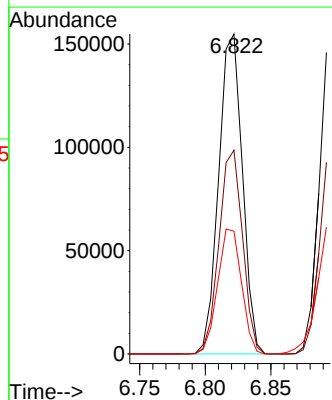
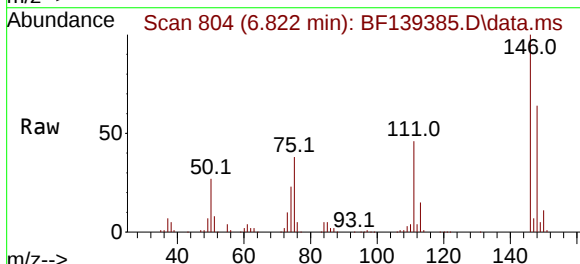
Delta R.T. -0.000 min

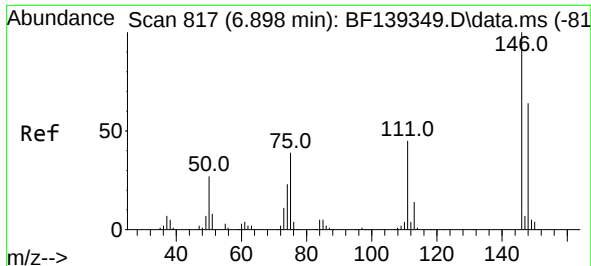
Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Tgt Ion: 146 Resp: 194580

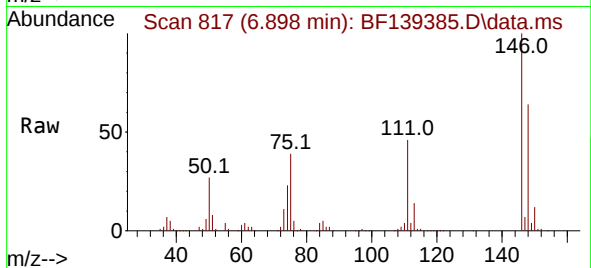
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
75	38.4	30.6	46.0



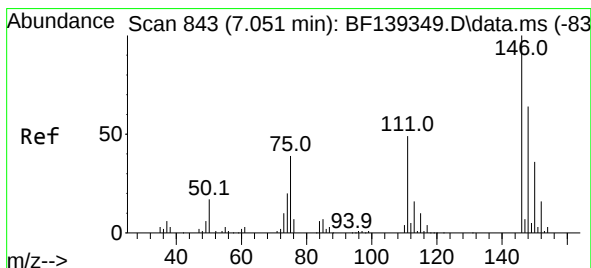
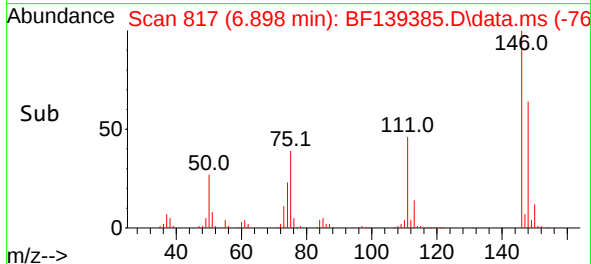
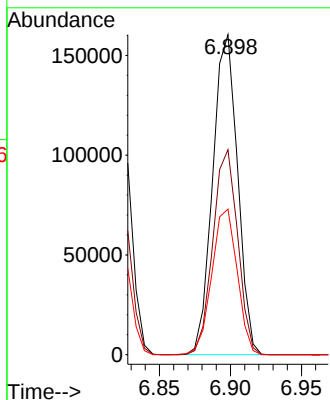


#13
1,4-Dichlorobenzene
Concen: 46.019 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Instrument :
BNA_F
ClientSampleId :
RW-1MSD

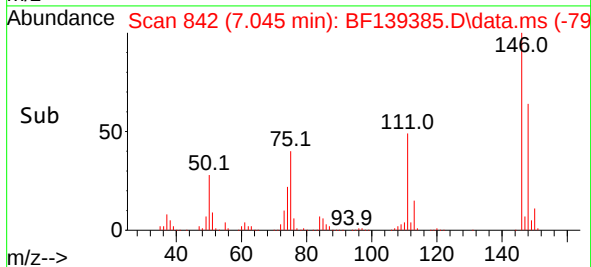
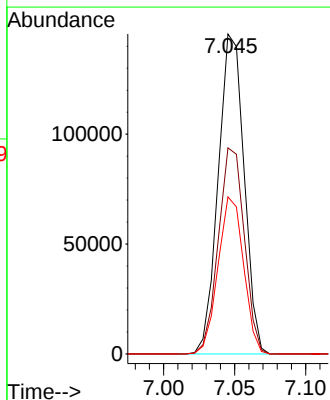
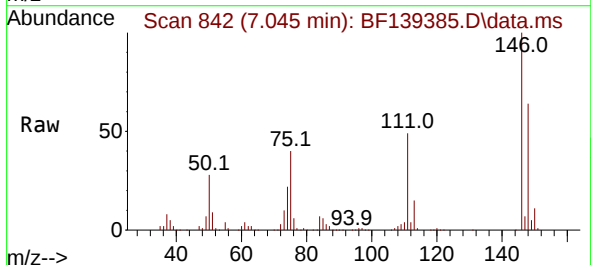


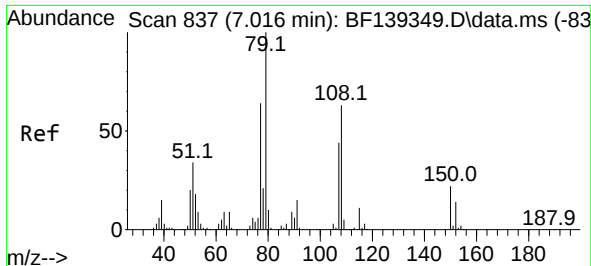
Tgt Ion:146 Resp: 195749
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
111 45.5 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 45.851 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:146 Resp: 184292
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
111 49.1 38.9 58.3

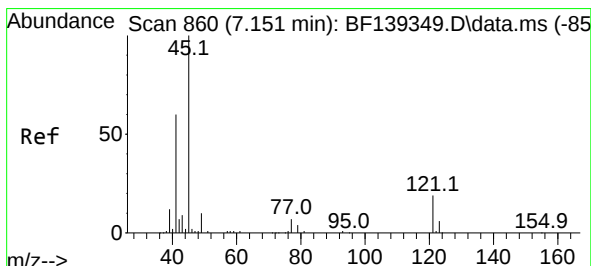
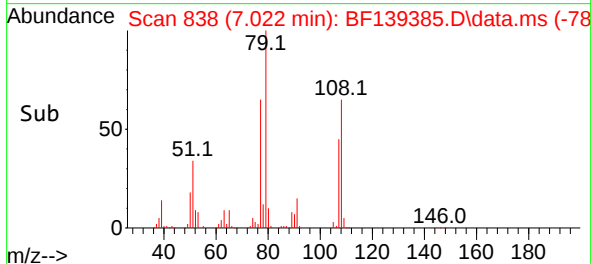
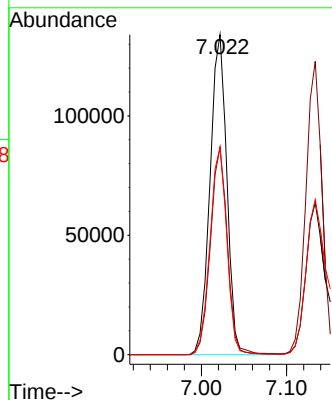
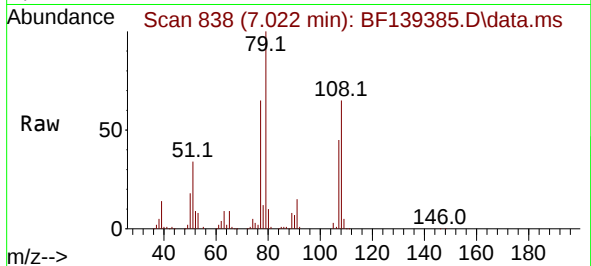




#15
Benzyl Alcohol
Concen: 48.775 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

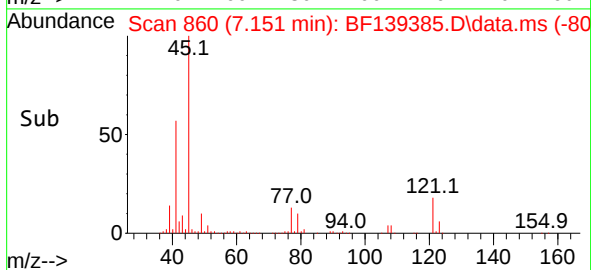
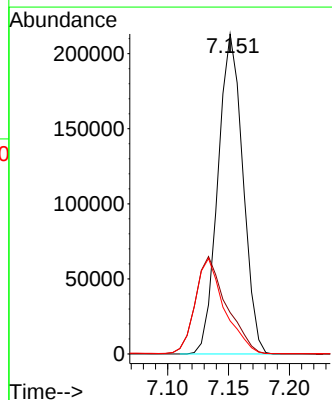
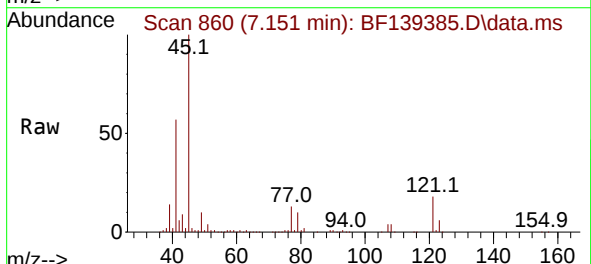
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

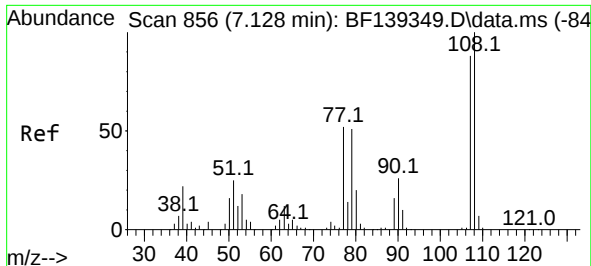
Tgt Ion: 79 Resp: 183654
Ion Ratio Lower Upper
79 100
108 64.8 50.4 75.6
77 64.8 51.4 77.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 53.855 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion: 45 Resp: 303221
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.0
79 10.4 0.0 29.1

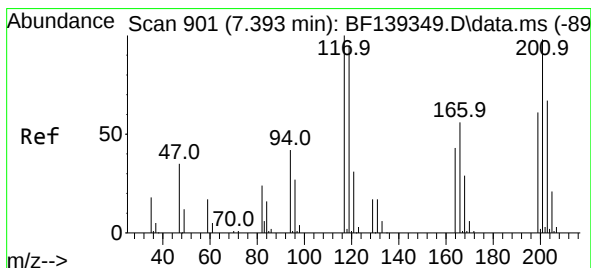
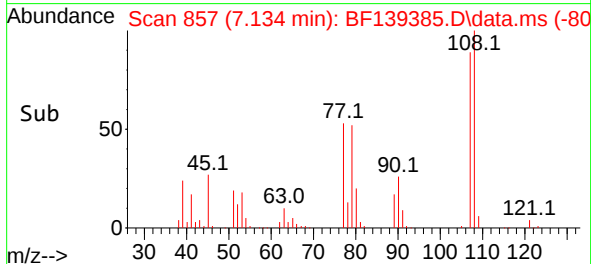
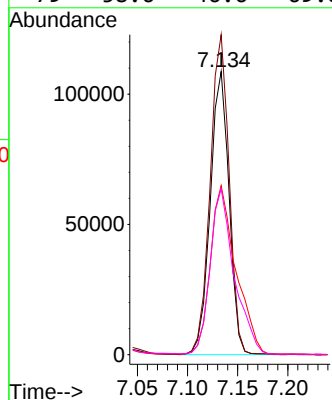
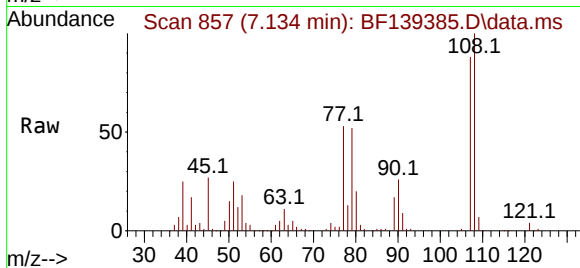




#17
2-Methylphenol
Concen: 48.344 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

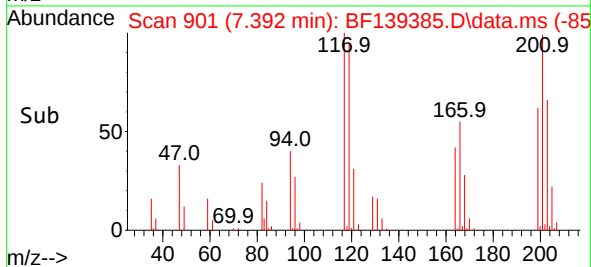
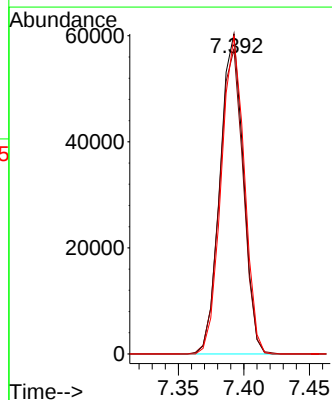
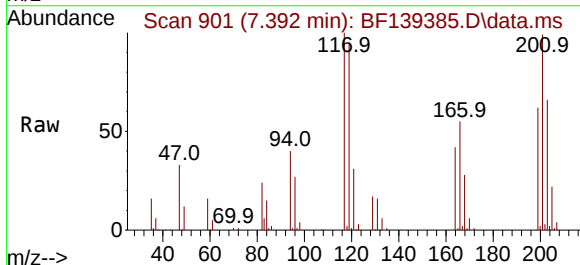
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

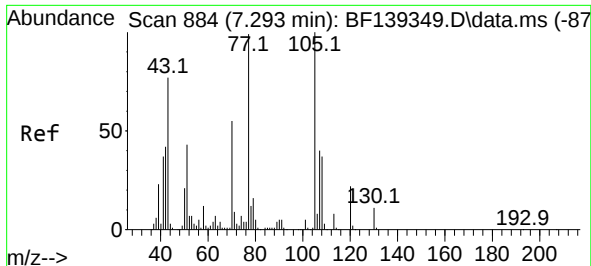
Tgt Ion:107 Resp: 142163
Ion Ratio Lower Upper
107 100
108 113.0 90.5 135.7
77 59.7 47.1 70.7
79 58.6 46.6 69.8



#18
Hexachloroethane
Concen: 45.963 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:117 Resp: 74468
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 99.3 78.6 118.0



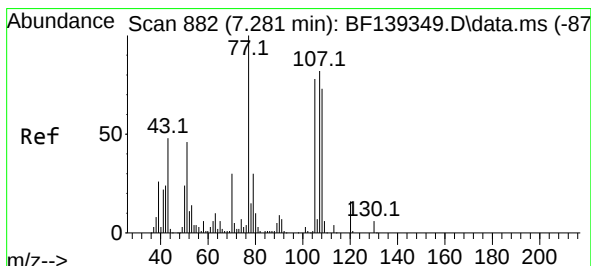
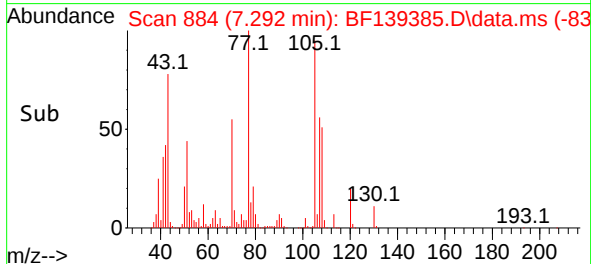
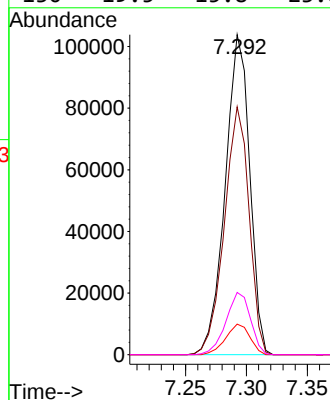
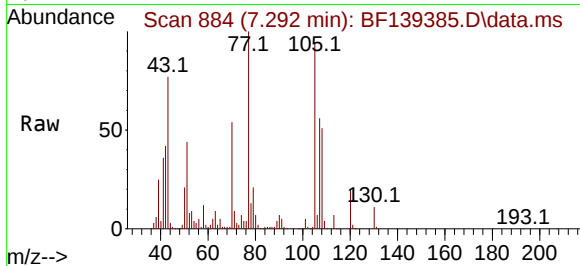


#19
n-Nitroso-di-n-propylamine
Concen: 51.950 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Instrument :
BNA_F
ClientSampleId :
RW-1MSD

Tgt Ion: 70 Resp: 145290

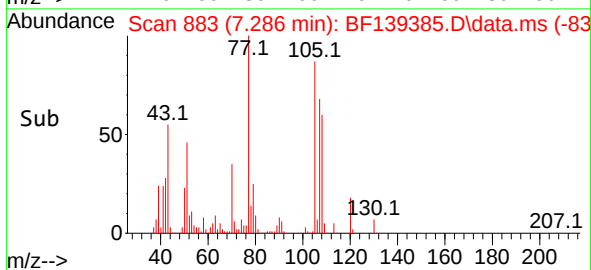
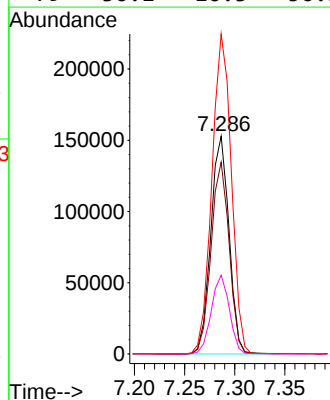
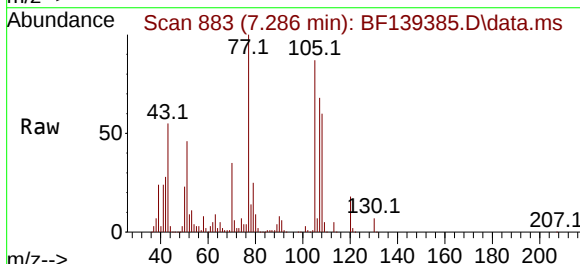
Ion	Ratio	Lower	Upper
70	100		
42	77.4	61.2	91.8
101	9.5	7.5	11.3
130	19.5	15.8	23.8

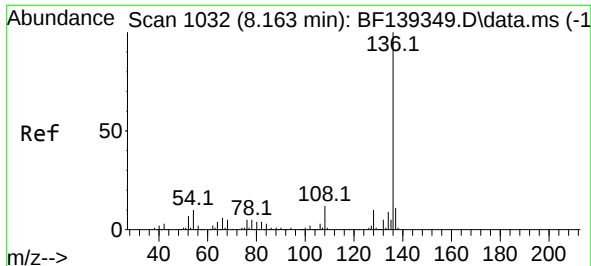


#20
3+4-Methylphenols
Concen: 48.200 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion: 107 Resp: 193379

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.6	108.6
77	146.9	101.6	141.6#
79	36.1	16.3	56.3

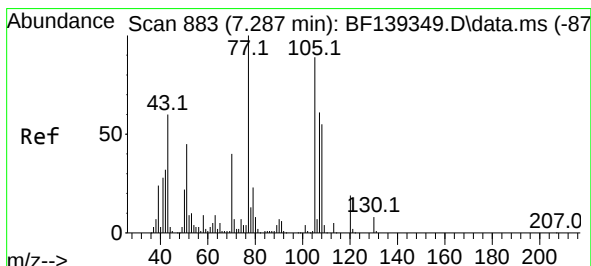
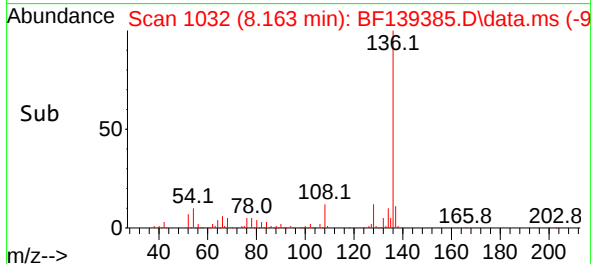
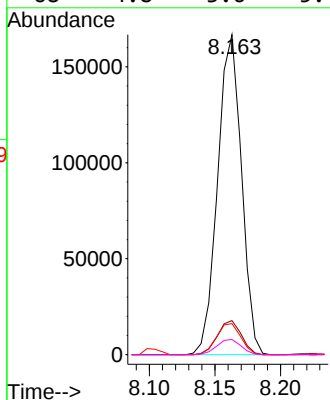
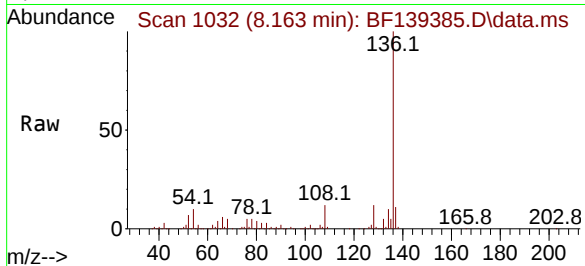




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

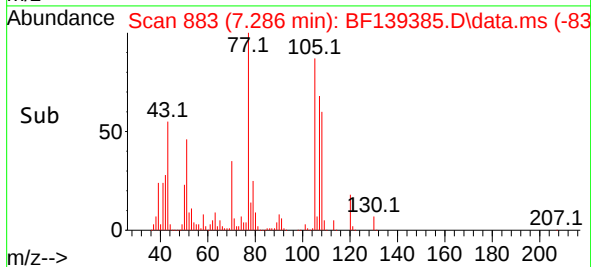
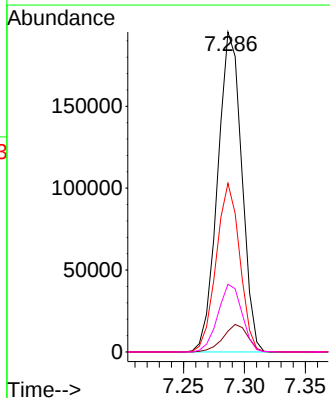
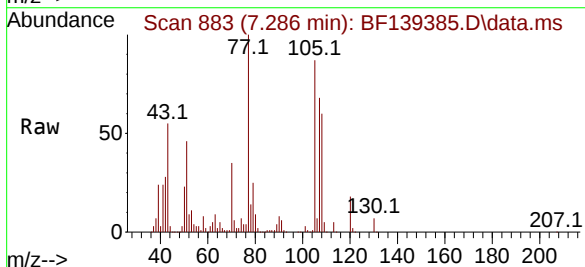
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

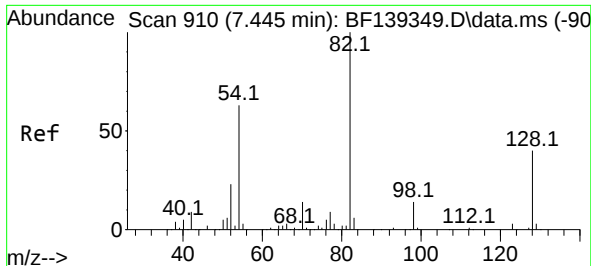
Tgt Ion:	136	Resp:	210860
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	9.7	7.8	11.8
68	4.8	3.6	5.4



#22
Acetophenone
Concen: 48.814 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:	105	Resp:	269087
Ion Ratio	Lower	Upper	
105	100		
71	6.5	5.9	8.9
51	52.7	40.0	60.0
120	21.2	17.1	25.7





#23

Nitrobenzene-d5

Concen: 84.741 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

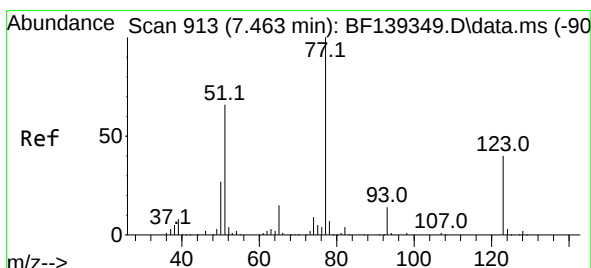
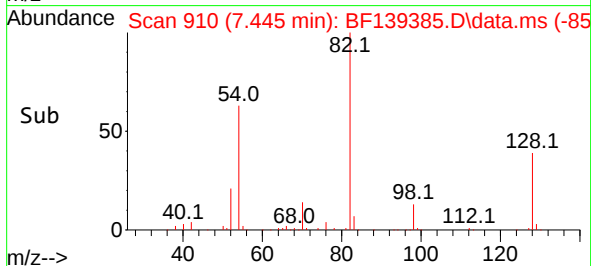
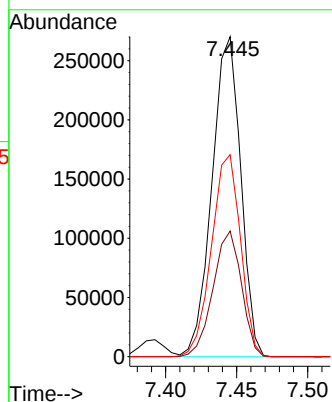
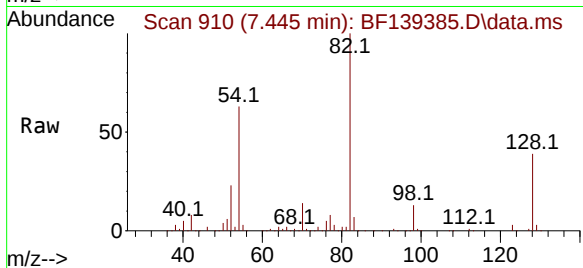
Tgt Ion: 82 Resp: 380087

Ion Ratio Lower Upper

82 100

128 39.3 31.8 47.6

54 63.1 50.6 75.8



#24

Nitrobenzene

Concen: 46.839 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

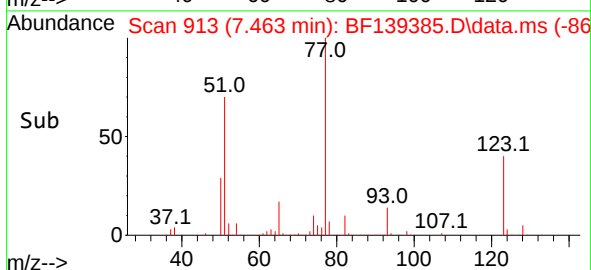
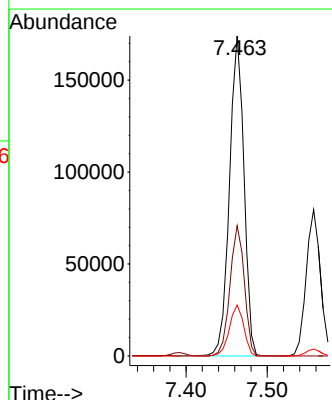
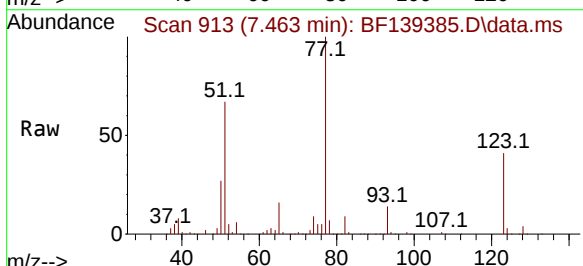
Tgt Ion: 77 Resp: 216224

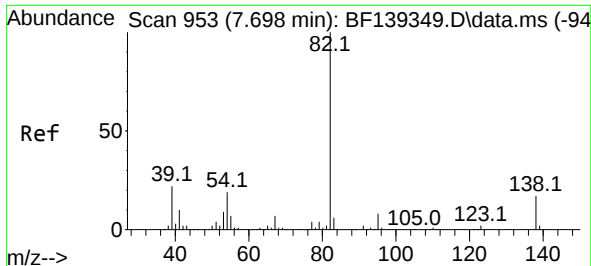
Ion Ratio Lower Upper

77 100

123 40.7 32.2 48.4

65 15.9 12.2 18.4

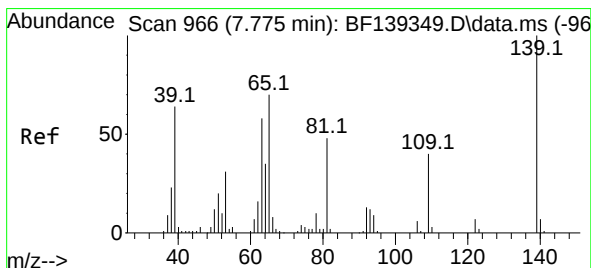
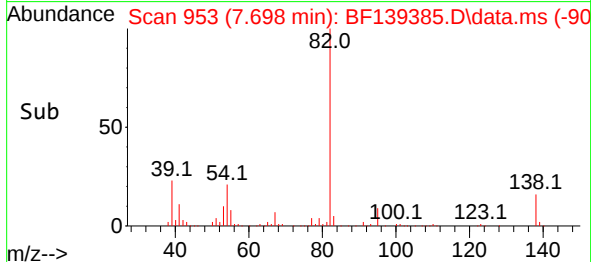
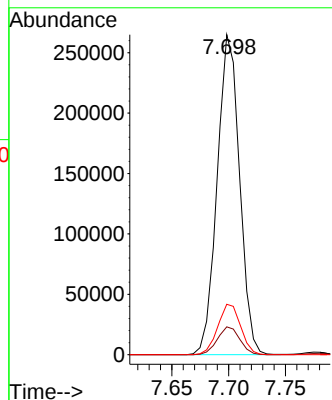
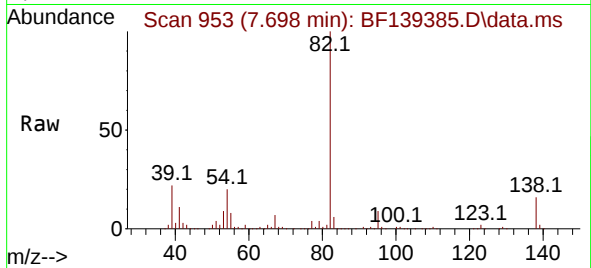




#25
Isophorone
Concen: 51.280 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

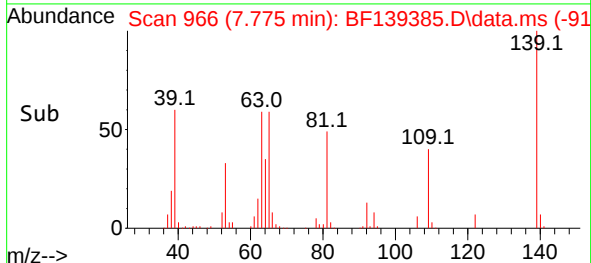
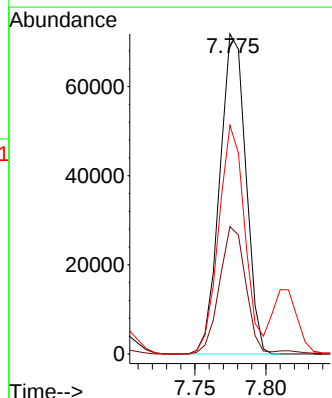
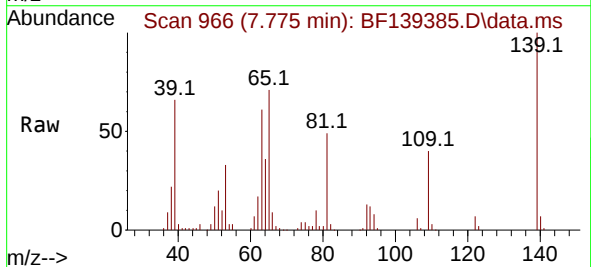
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

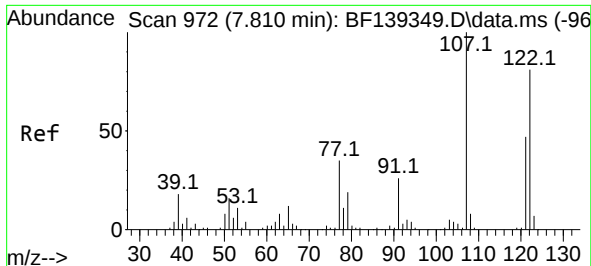
Tgt Ion: 82 Resp: 363754
Ion Ratio Lower Upper
82 100
95 8.7 6.7 10.1
138 15.7 13.3 19.9



#26
2-Nitrophenol
Concen: 51.023 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:139 Resp: 91764
Ion Ratio Lower Upper
139 100
109 39.8 32.2 48.2
65 71.4 55.8 83.8

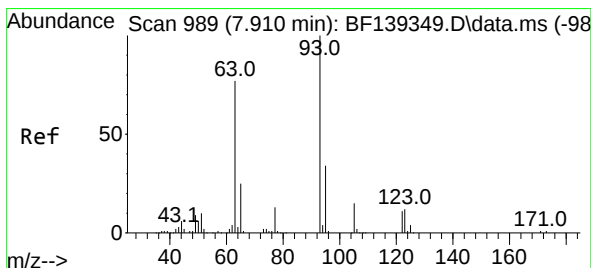
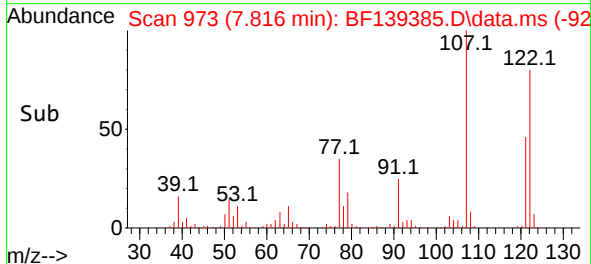
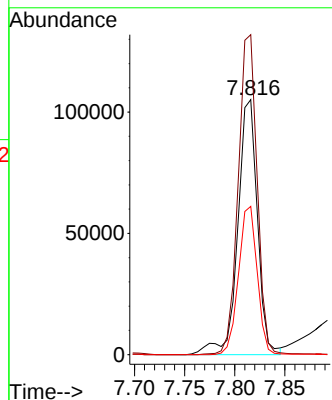
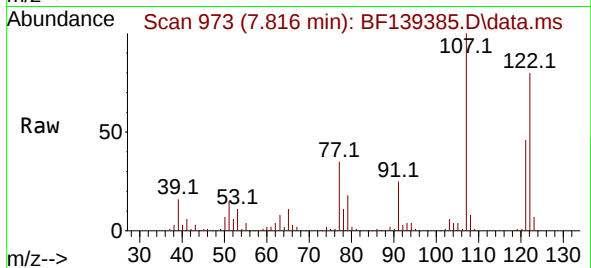




#27
2,4-Dimethylphenol
Concen: 60.662 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

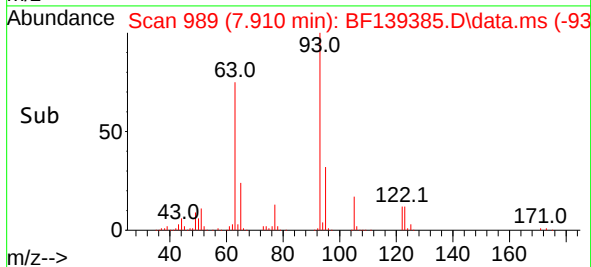
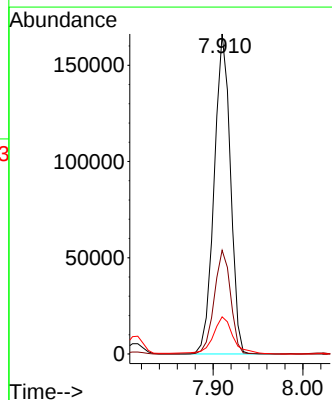
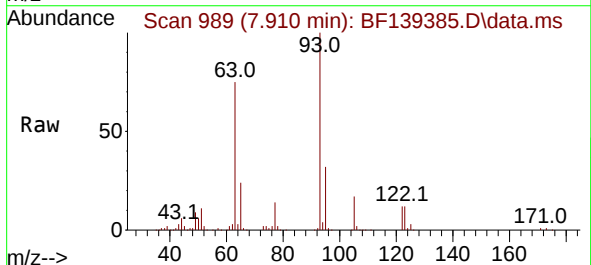
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

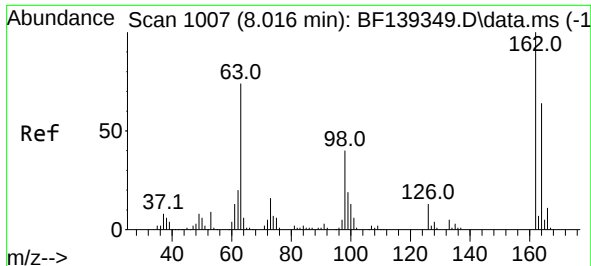
Tgt Ion:122 Resp: 143914
Ion Ratio Lower Upper
122 100
107 125.5 99.1 148.7
121 58.1 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 51.771 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion: 93 Resp: 209298
Ion Ratio Lower Upper
93 100
95 32.4 26.9 40.3
123 11.6 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 47.956 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

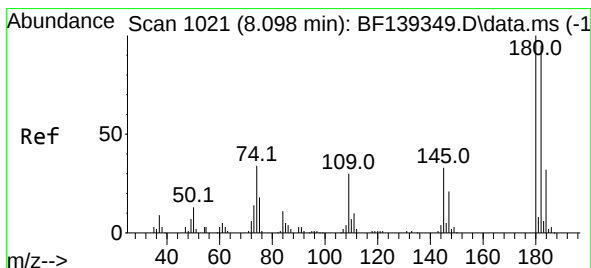
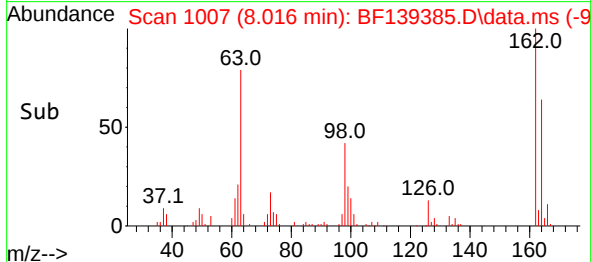
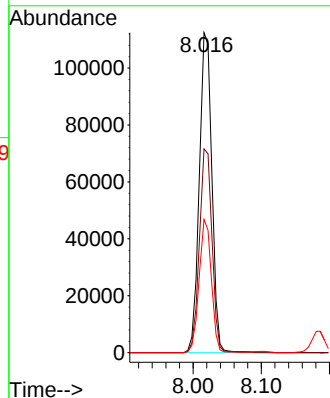
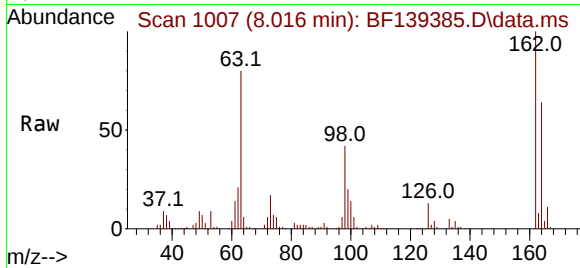
Tgt Ion:162 Resp: 144531

Ion Ratio Lower Upper

162 100

164 63.7 43.6 83.6

98 41.6 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 46.078 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

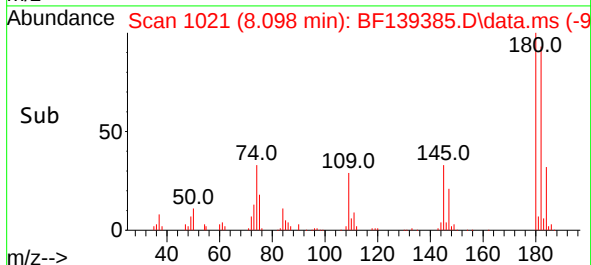
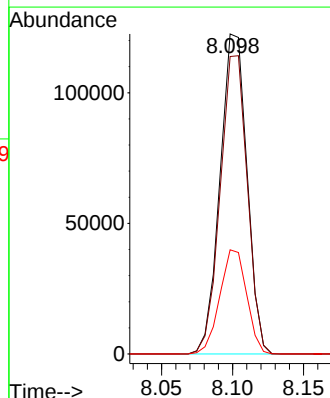
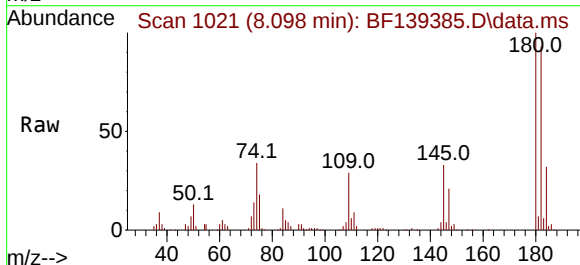
Tgt Ion:180 Resp: 161809

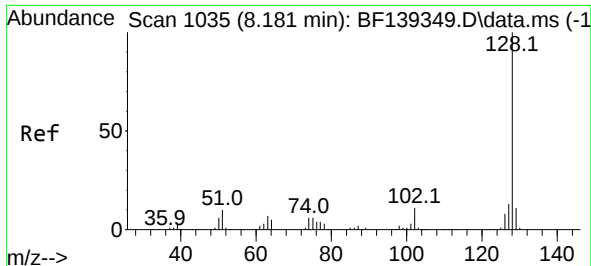
Ion Ratio Lower Upper

180 100

182 92.9 75.7 113.5

145 32.6 26.5 39.7

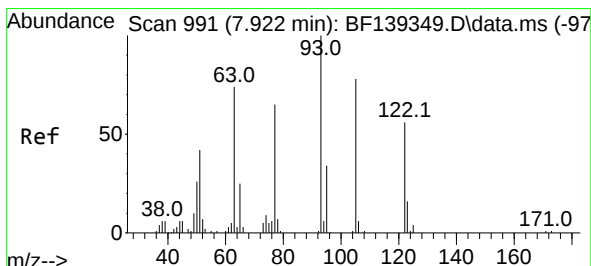
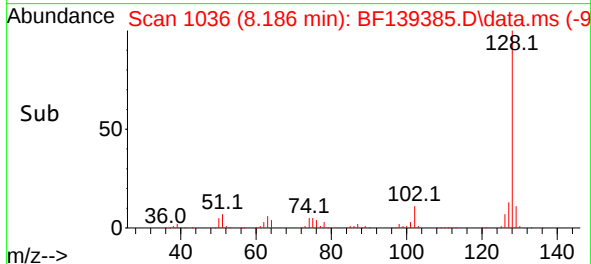
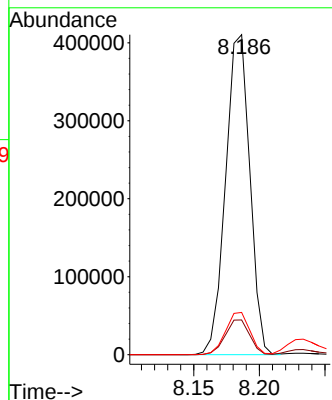
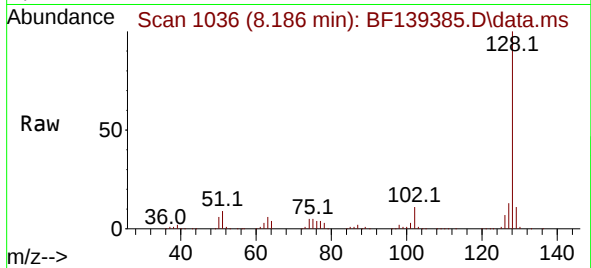




#31
Naphthalene
Concen: 47.933 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

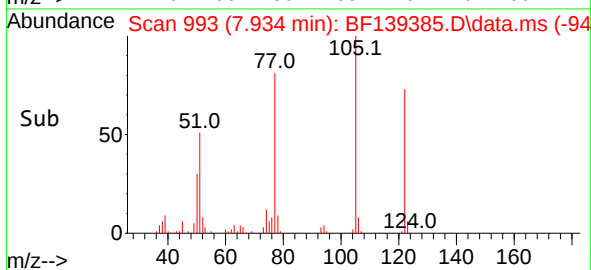
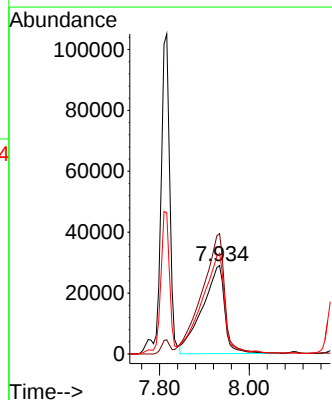
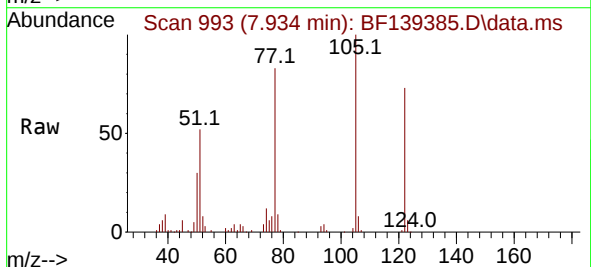
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

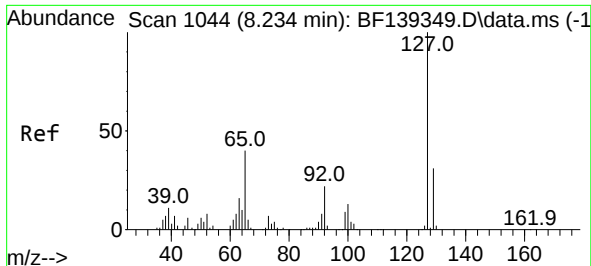
Tgt Ion:128 Resp: 527657
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 45.112 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:122 Resp: 100154
Ion Ratio Lower Upper
122 100
105 136.1 117.1 157.1
77 113.6 95.4 135.4

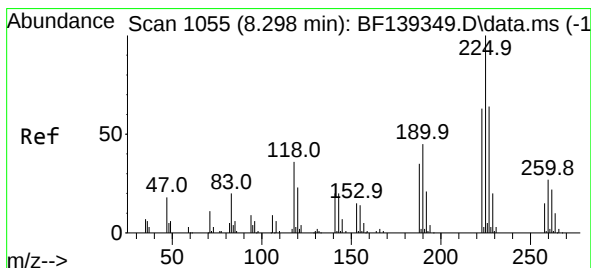
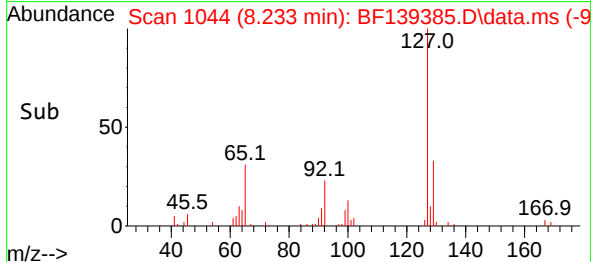
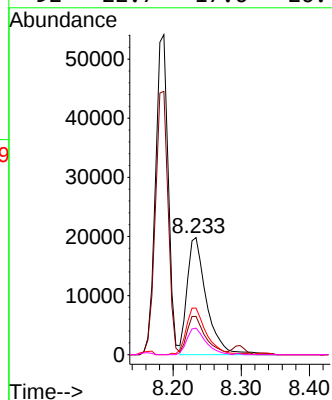
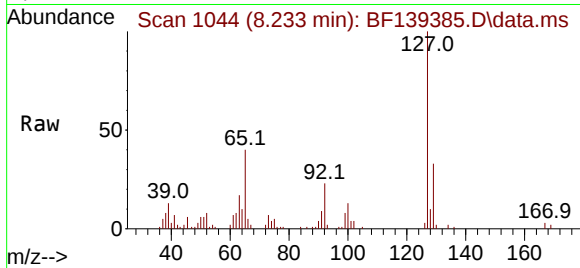




#33
4-Chloroaniline
Concen: 11.558 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

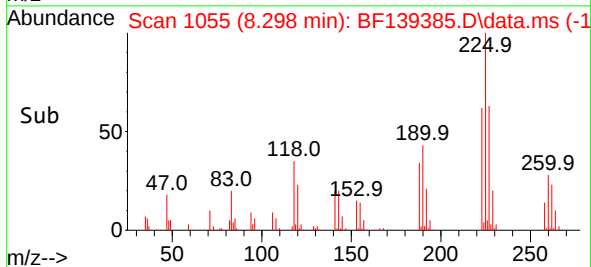
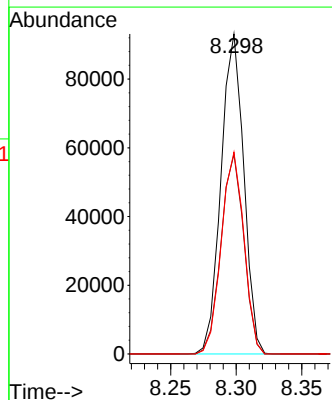
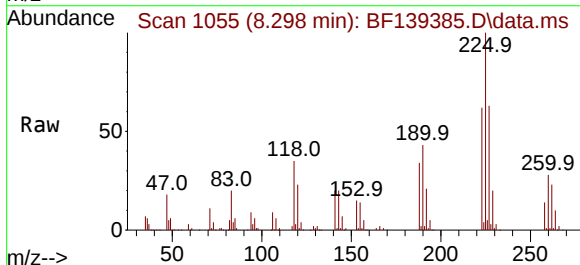
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

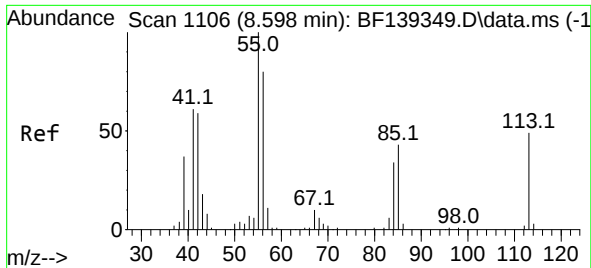
Tgt Ion:	127	Resp:	38923
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	39.7	31.5	47.3
92	22.7	17.6	26.4



#34
Hexachlorobutadiene
Concen: 47.083 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:	225	Resp:	112329
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	63.1	51.0	76.6

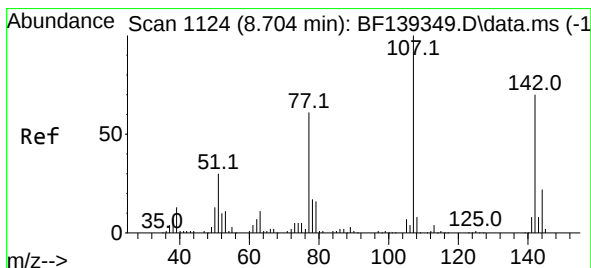
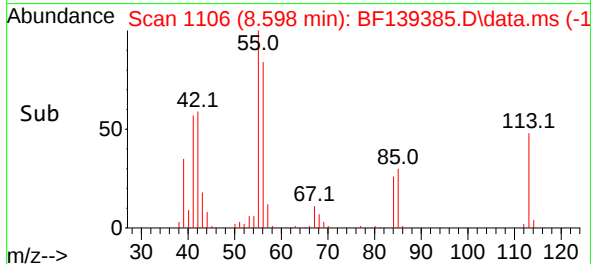
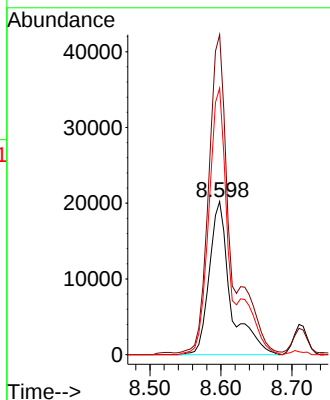
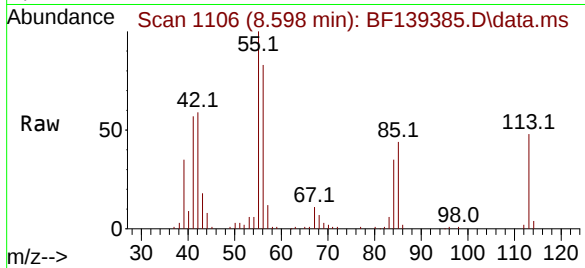




#35
 Caprolactam
 Concen: 45.586 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139385.D
 Acq: 16 Sep 2024 18:23

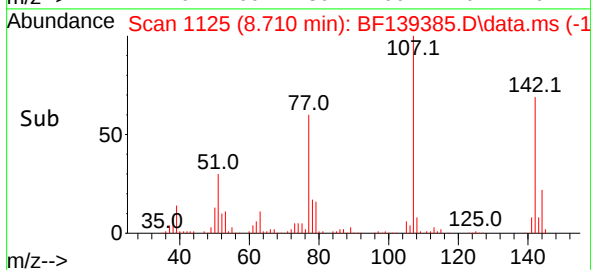
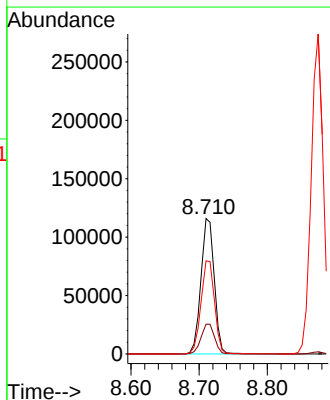
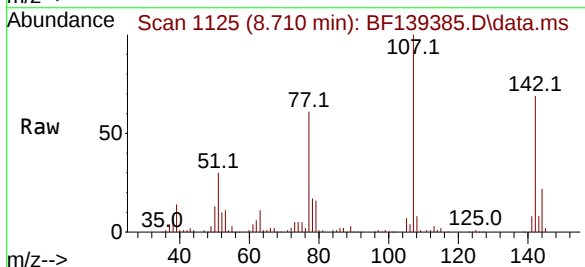
Instrument :
 BNA_F
 ClientSampleId :
 RW-1MSD

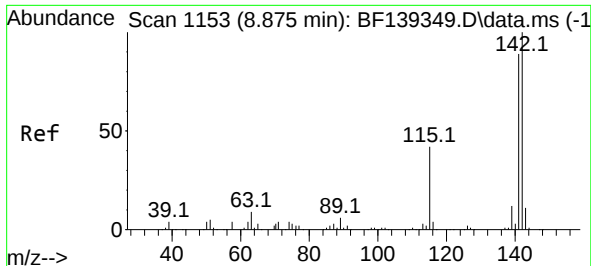
Tgt Ion:113 Resp: 42262
 Ion Ratio Lower Upper
 113 100
 55 208.9 186.1 226.1
 56 174.1 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.909 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139385.D
 Acq: 16 Sep 2024 18:23

Tgt Ion:107 Resp: 158129
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.5 26.3
 142 68.9 55.8 83.8

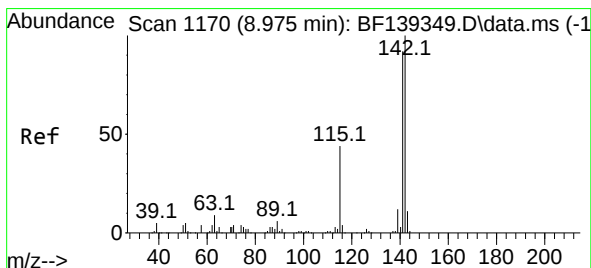
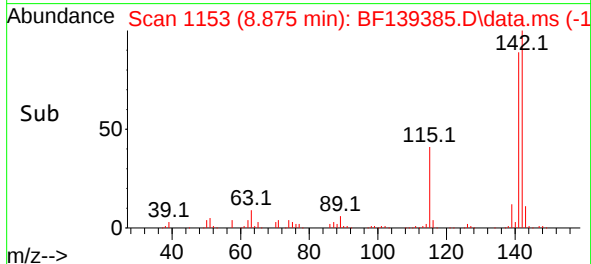
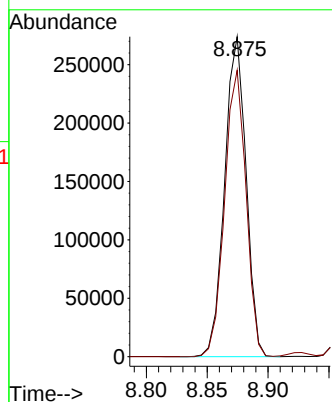
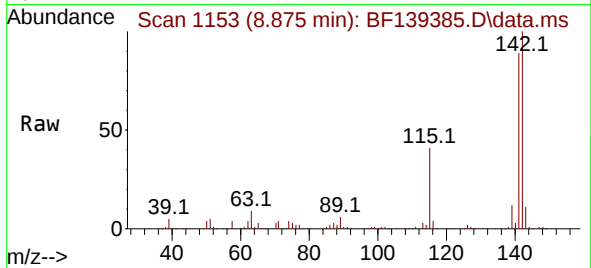




#37
2-Methylnaphthalene
Concen: 48.002 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

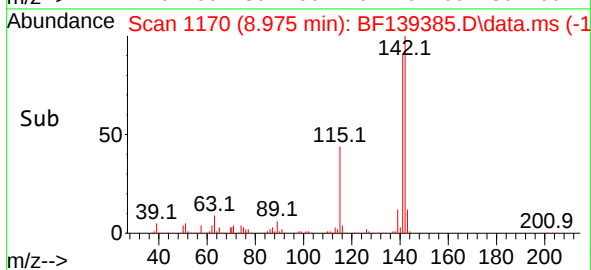
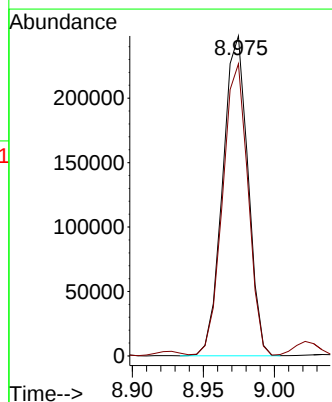
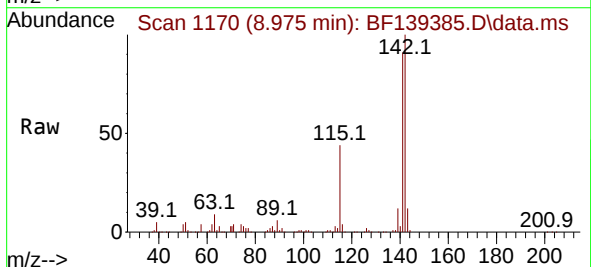
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

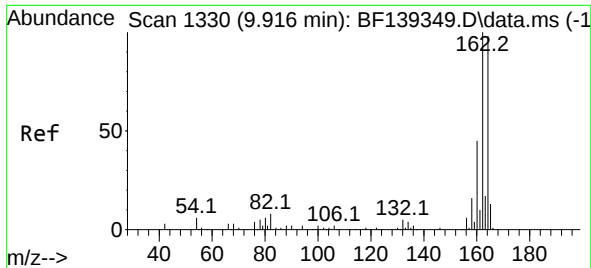
Tgt Ion:142 Resp: 335398
Ion Ratio Lower Upper
142 100
141 89.5 71.6 107.4



#38
1-Methylnaphthalene
Concen: 44.845 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:142 Resp: 307627
Ion Ratio Lower Upper
142 100
141 91.3 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: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

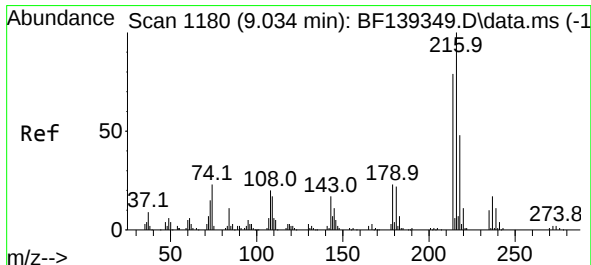
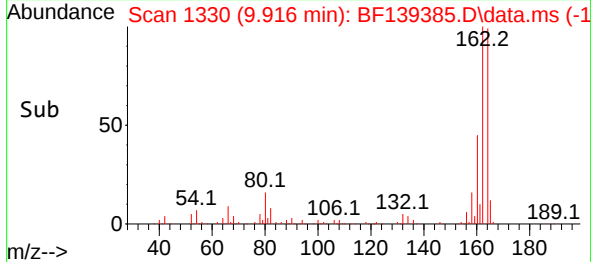
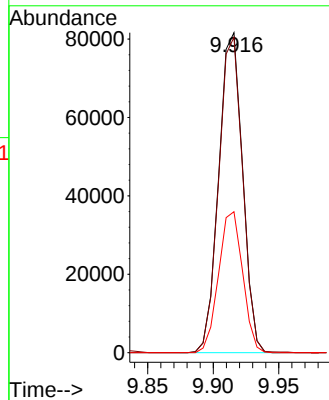
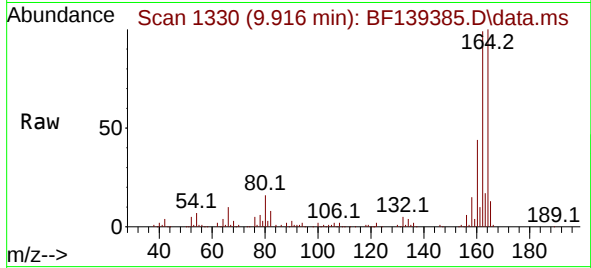
Tgt Ion:164 Resp: 103397

Ion Ratio Lower Upper

164 100

162 98.5 81.3 121.9

160 44.1 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.260 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Tgt Ion:216 Resp: 160144

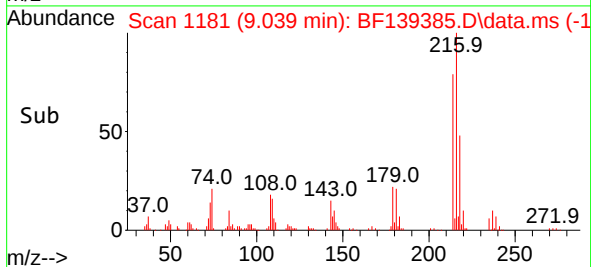
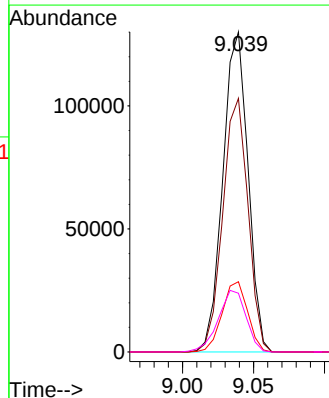
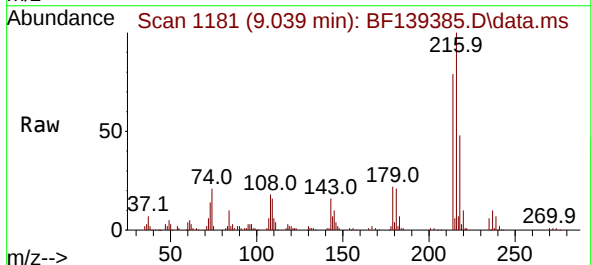
Ion Ratio Lower Upper

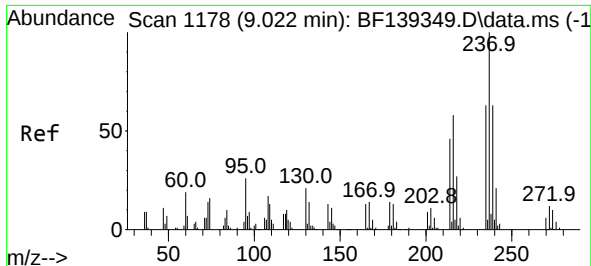
216 100

214 79.5 63.4 95.0

179 22.3 18.2 27.2

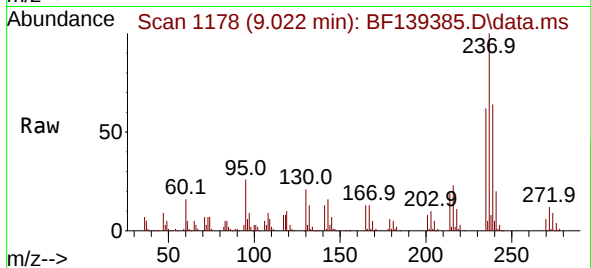
108 21.4 15.8 23.6



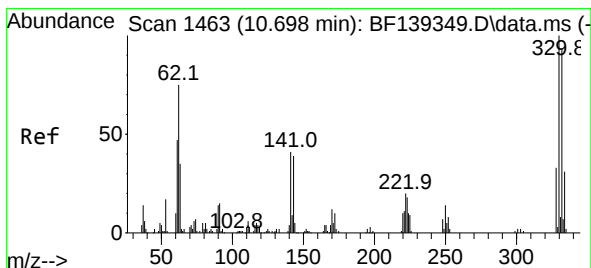
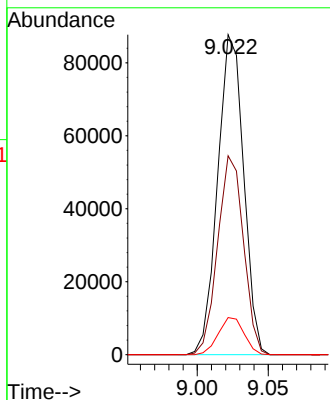
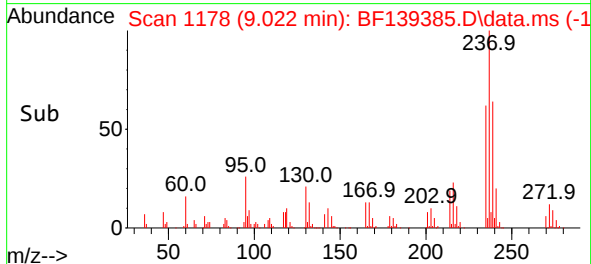


#41
Hexachlorocyclopentadiene
Concen: 104.351 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

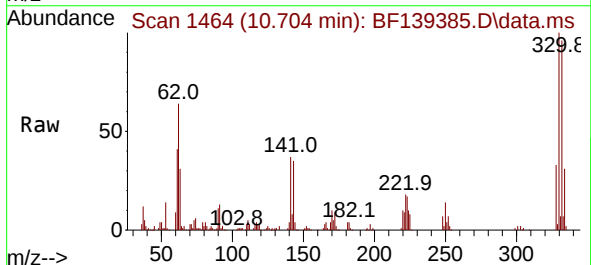
Instrument :
BNA_F
ClientSampleId :
RW-1MSD



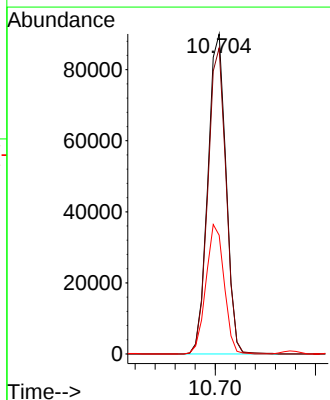
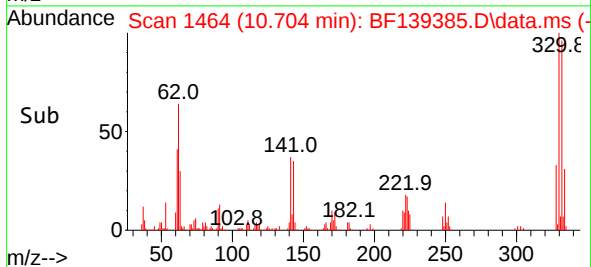
Tgt Ion:237 Resp: 111650
Ion Ratio Lower Upper
237 100
235 62.2 42.7 82.7
272 11.6 0.0 32.5

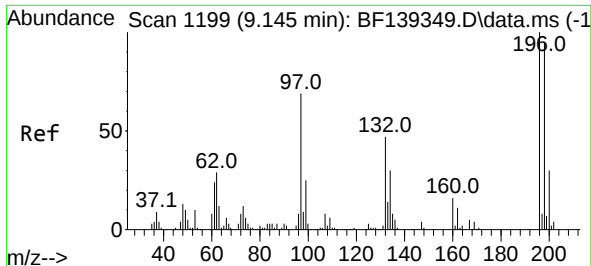


#42
2,4,6-Tribromophenol
Concen: 102.767 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23



Tgt Ion:330 Resp: 113124
Ion Ratio Lower Upper
330 100
332 96.0 75.2 112.8
141 40.7 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 51.319 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139385.D

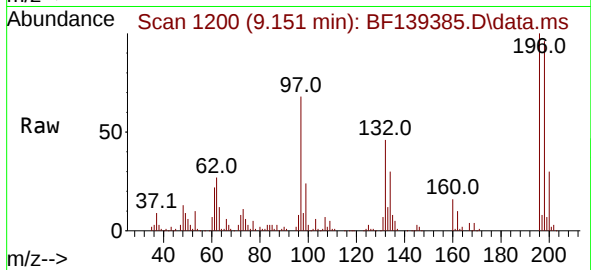
Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD



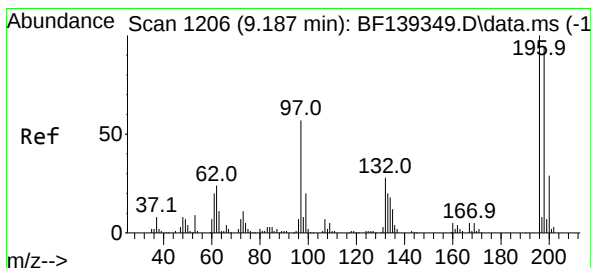
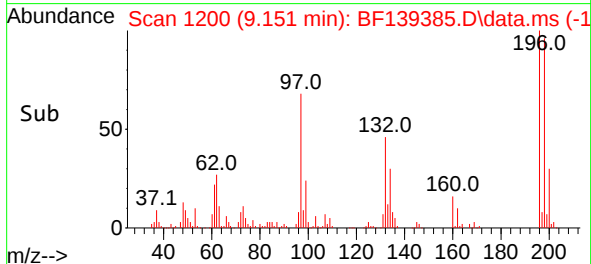
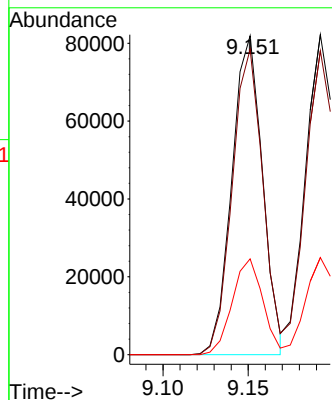
Tgt Ion:196 Resp: 102312

Ion Ratio Lower Upper

196 100

198 95.8 75.8 113.6

200 30.1 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 48.711 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Tgt Ion:196 Resp: 102439

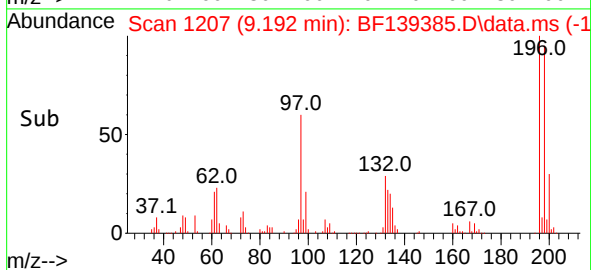
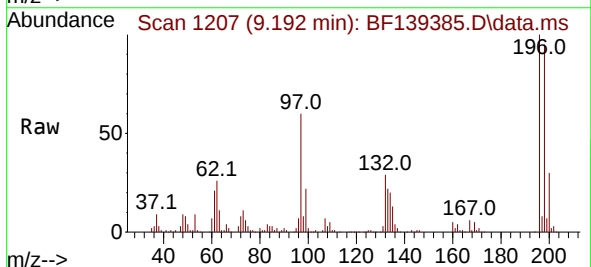
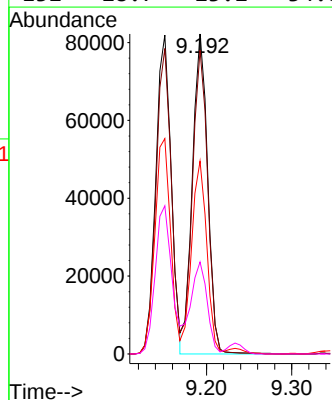
Ion Ratio Lower Upper

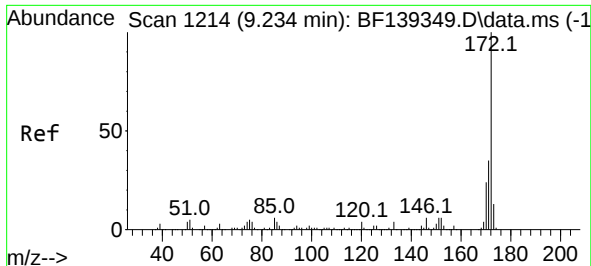
196 100

198 94.9 74.8 112.2

97 60.3 47.3 70.9

132 28.7 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 83.956 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

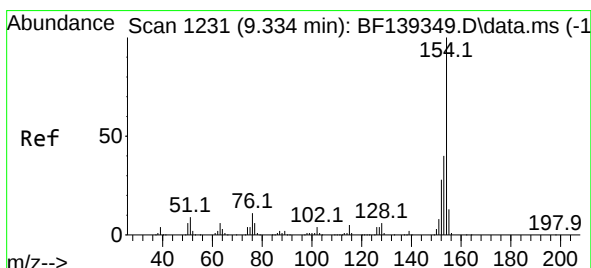
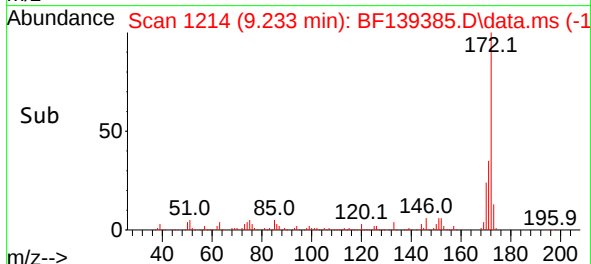
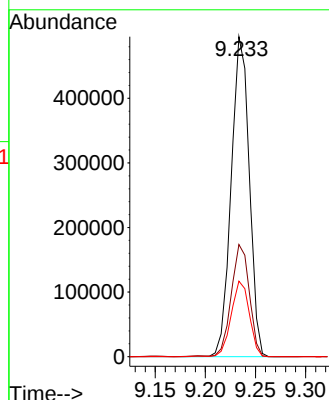
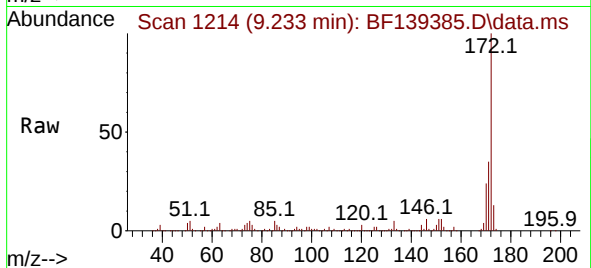
Tgt Ion:172 Resp: 618944

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 51.753 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

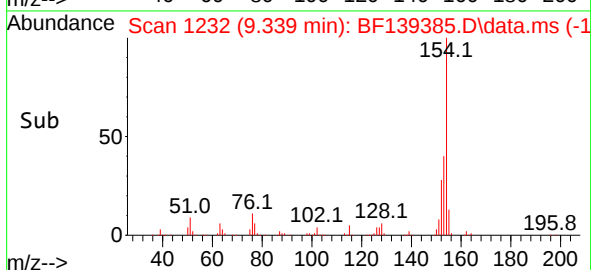
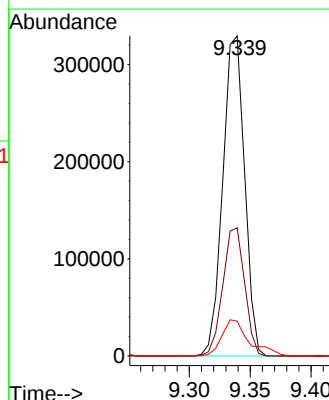
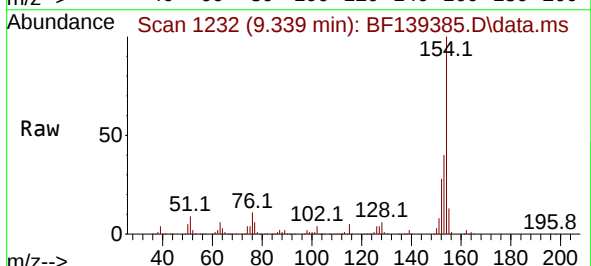
Tgt Ion:154 Resp: 411676

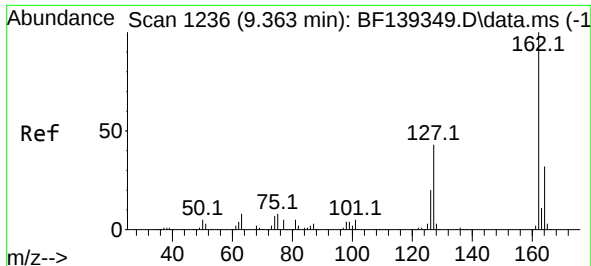
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 10.8 0.0 31.1

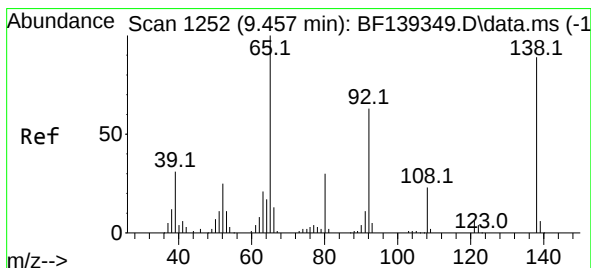
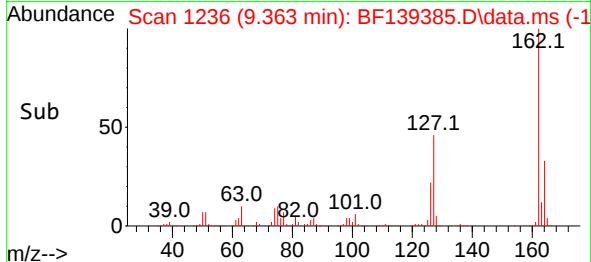
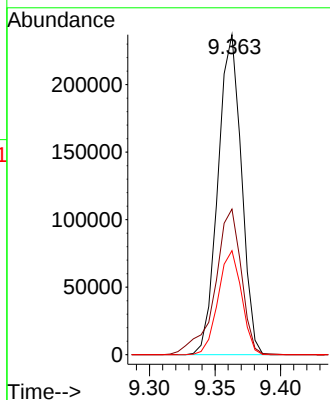
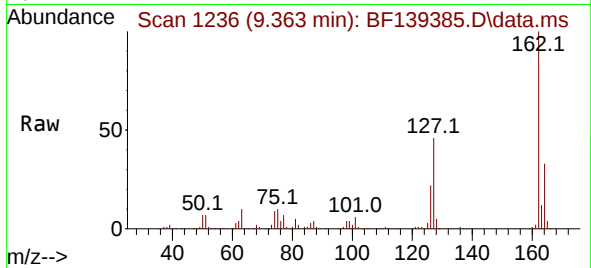




#47
2-Chloronaphthalene
Concen: 49.494 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

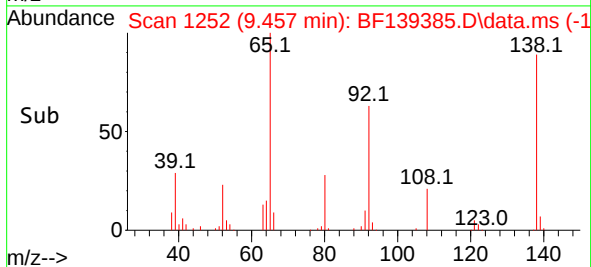
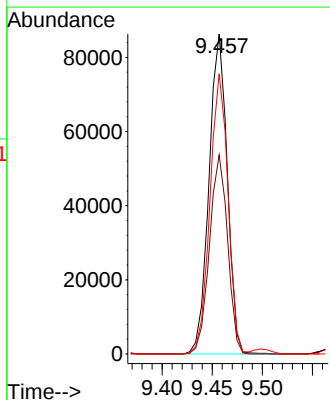
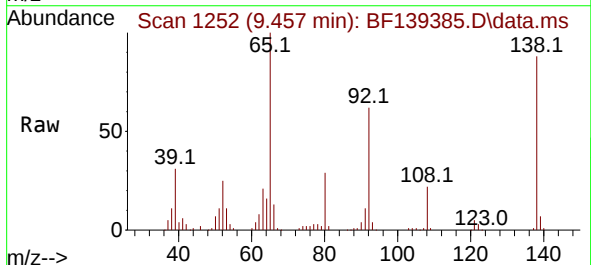
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

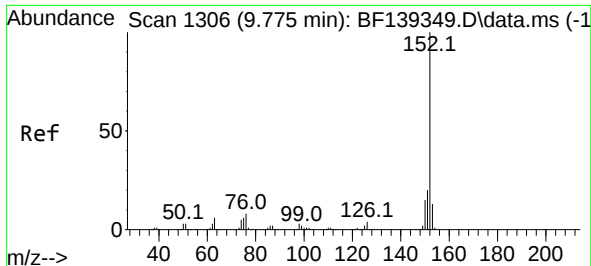
Tgt Ion:162 Resp: 294372
Ion Ratio Lower Upper
162 100
127 45.5 35.0 52.4
164 32.5 25.8 38.6



#48
2-Nitroaniline
Concen: 49.413 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion: 65 Resp: 109312
Ion Ratio Lower Upper
65 100
92 62.2 50.3 75.5
138 87.5 71.3 106.9





#49

Acenaphthylene

Concen: 52.384 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

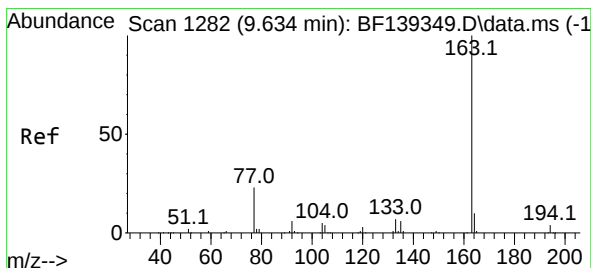
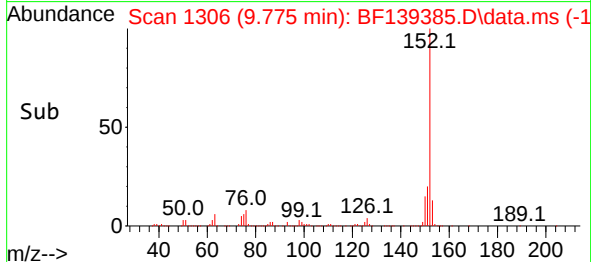
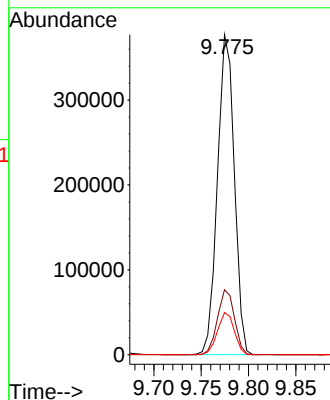
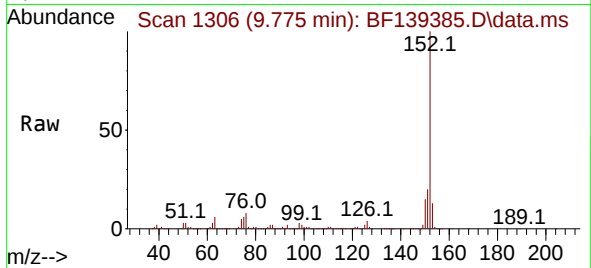
Tgt Ion:152 Resp: 468990

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 53.183 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

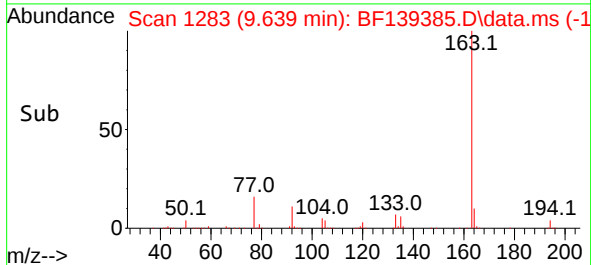
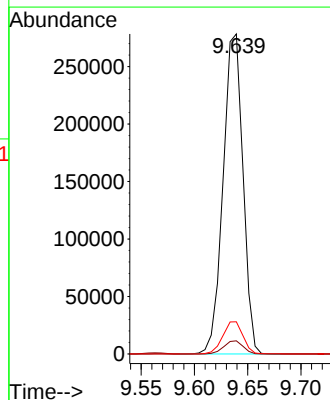
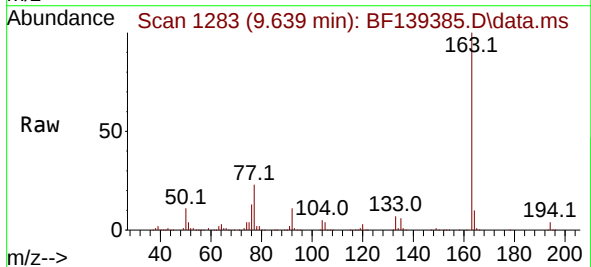
Tgt Ion:163 Resp: 360922

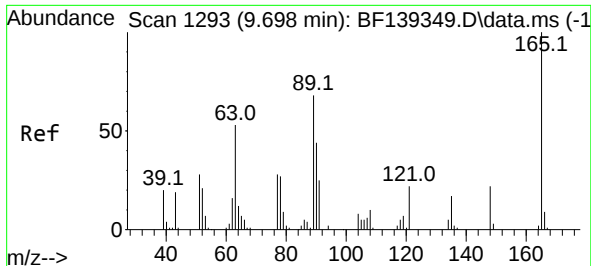
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.928 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

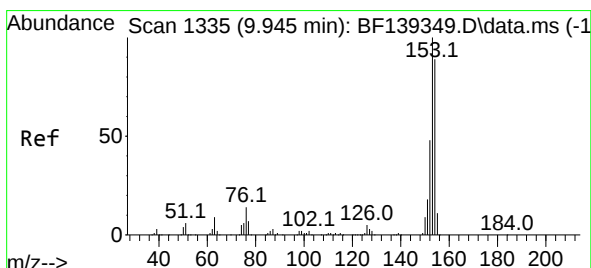
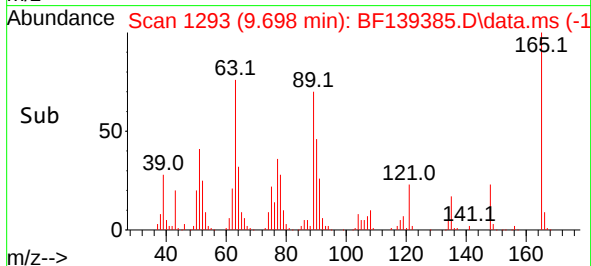
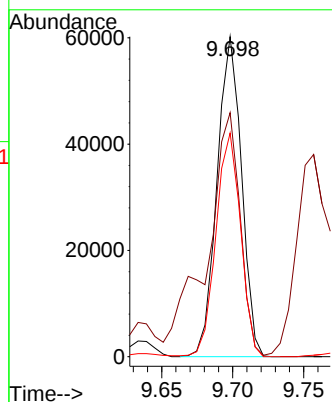
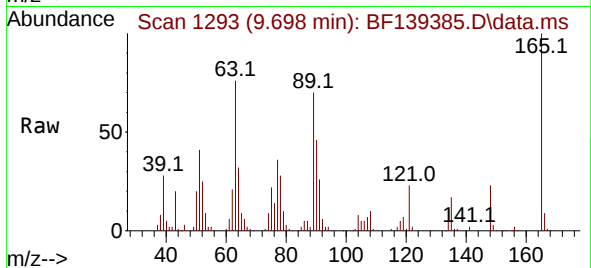
Tgt Ion:165 Resp: 72055

Ion Ratio Lower Upper

165 100

63 76.2 60.9 91.3

89 69.9 54.7 82.1



#52

Acenaphthene

Concen: 50.872 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

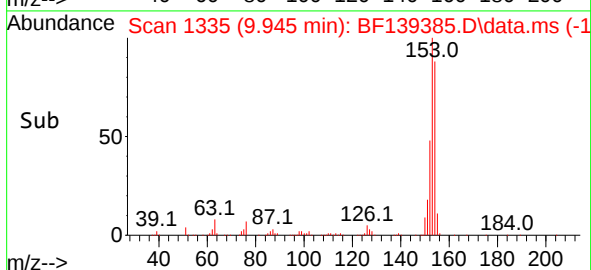
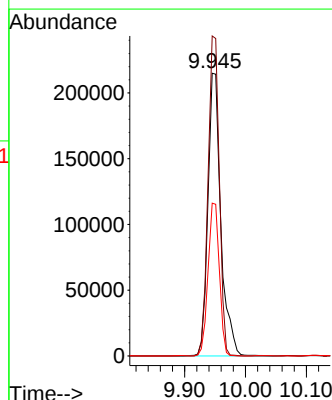
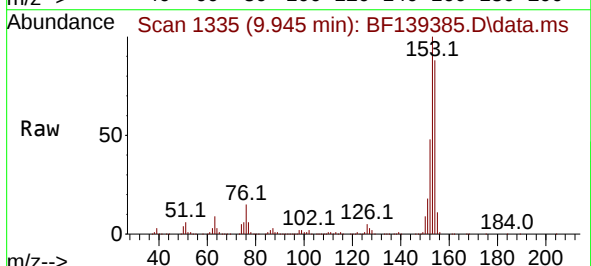
Tgt Ion:154 Resp: 317875

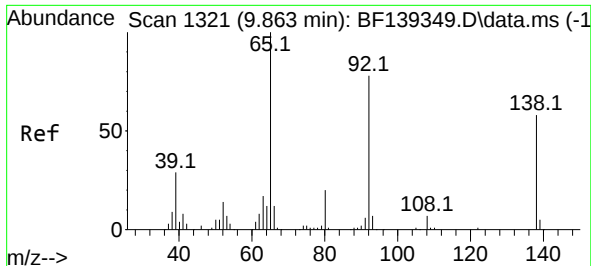
Ion Ratio Lower Upper

154 100

153 113.2 89.5 134.3

152 54.0 42.6 64.0

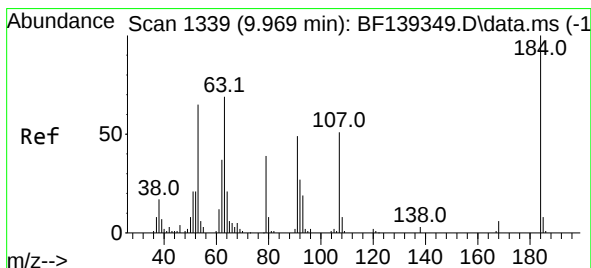
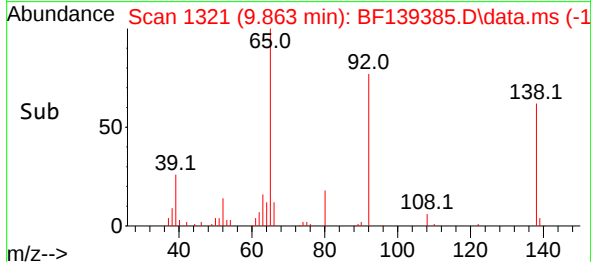
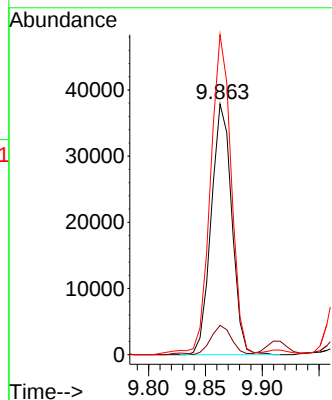
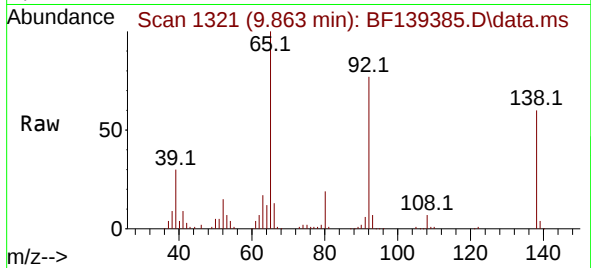




#53
3-Nitroaniline
Concen: 31.734 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

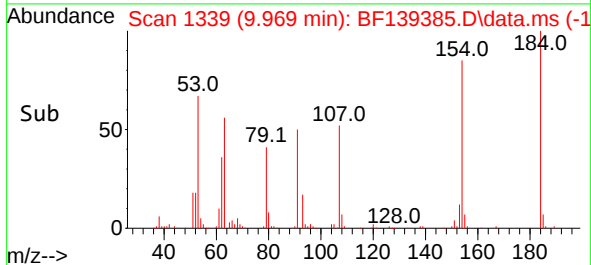
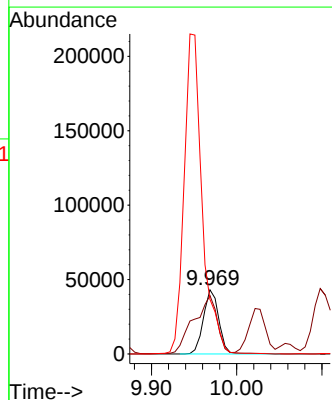
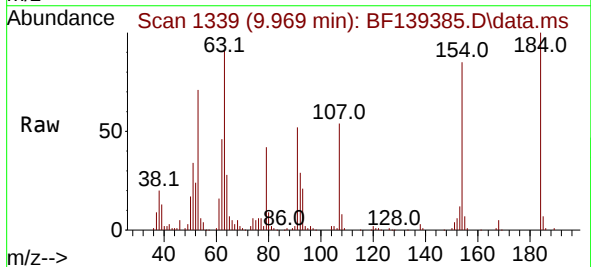
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

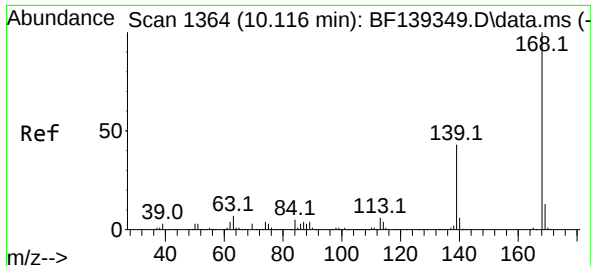
Tgt Ion:138 Resp: 47680
Ion Ratio Lower Upper
138 100
108 11.7 9.8 14.8
92 127.6 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 64.947 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:184 Resp: 54408
Ion Ratio Lower Upper
184 100
63 90.9 69.3 103.9
154 85.1 67.5 101.3

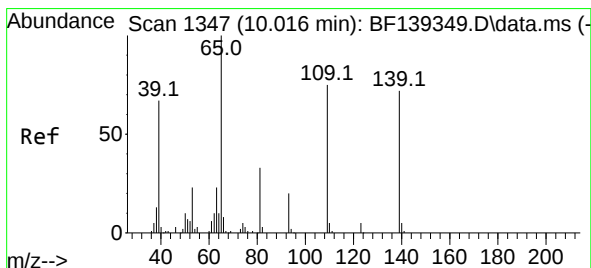
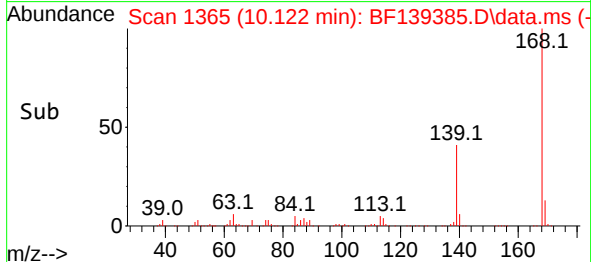
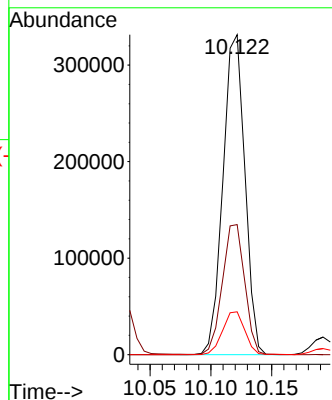
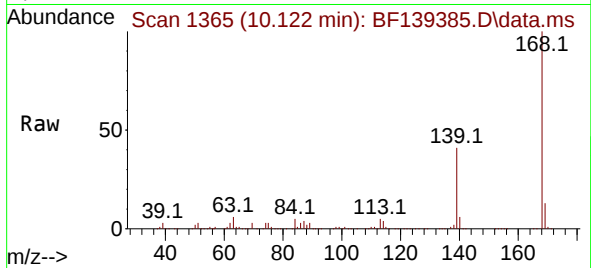




#55
Dibenzenofuran
Concen: 47.767 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

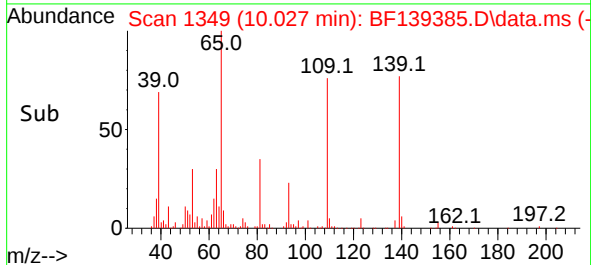
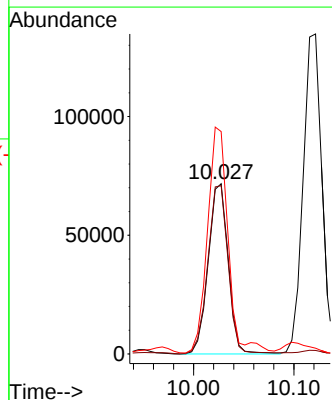
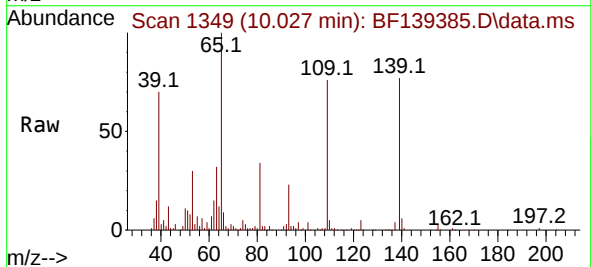
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

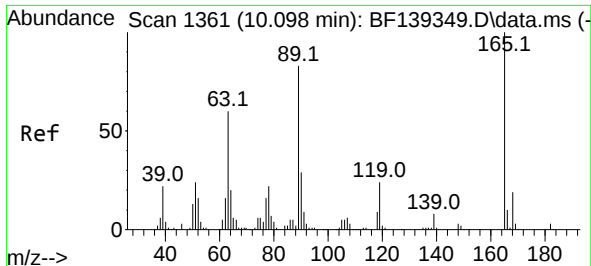
Tgt Ion:168 Resp: 416015
Ion Ratio Lower Upper
168 100
139 40.7 34.1 51.1
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 79.848 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:139 Resp: 99269
Ion Ratio Lower Upper
139 100
109 98.9 84.1 124.1
65 130.6 120.0 160.0

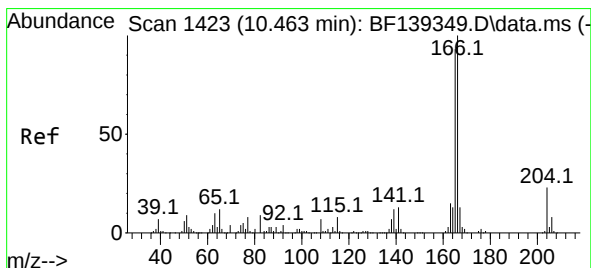
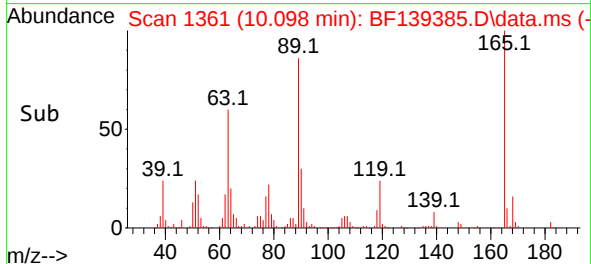
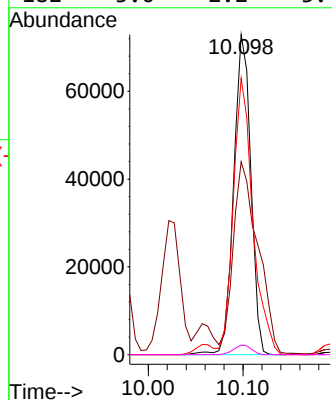
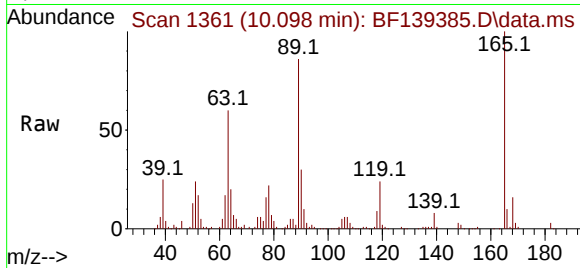




#57
2,4-Dinitrotoluene
Concen: 45.075 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

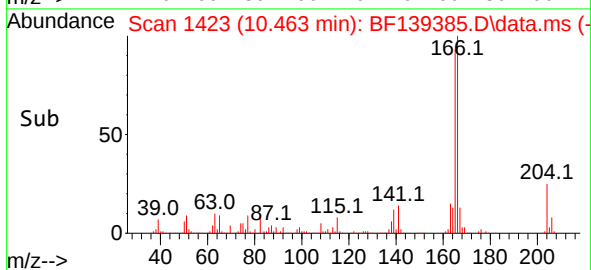
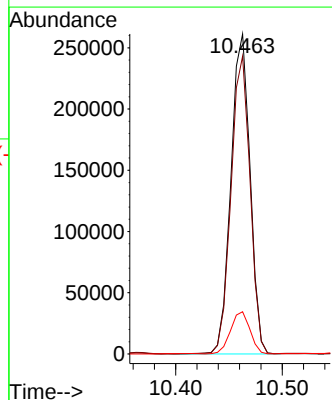
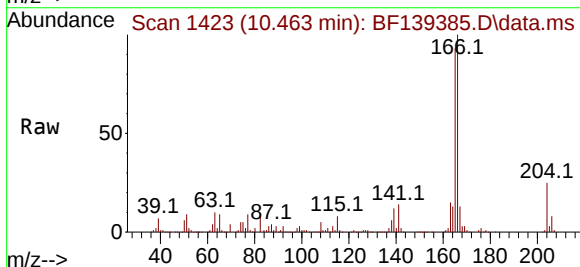
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

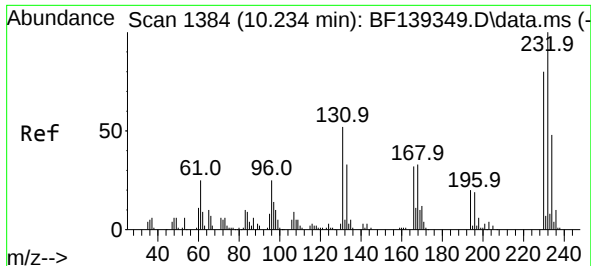
Tgt Ion:165 Resp: 91488
Ion Ratio Lower Upper
165 100
63 60.3 47.8 71.6
89 86.3 66.7 100.1
182 3.0 2.2 3.4



#58
Fluorene
Concen: 45.751 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:166 Resp: 325108
Ion Ratio Lower Upper
166 100
165 93.1 74.5 111.7
167 13.2 10.6 16.0

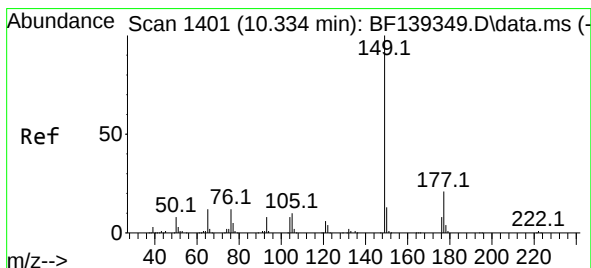
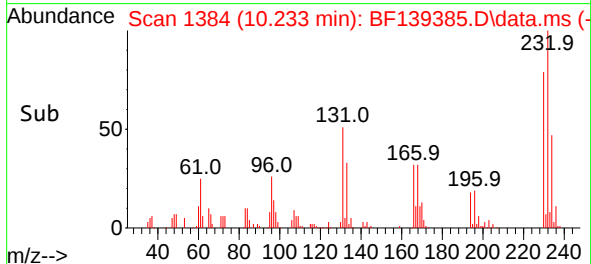
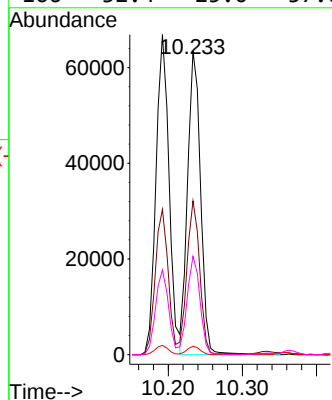
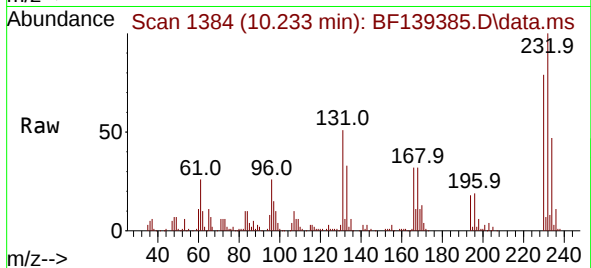




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.647 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

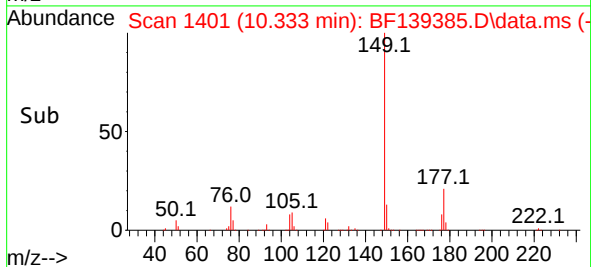
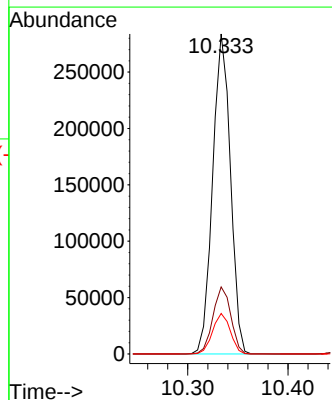
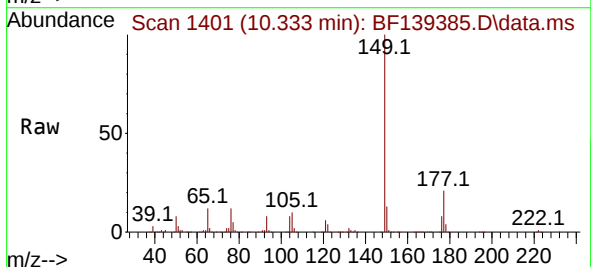
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

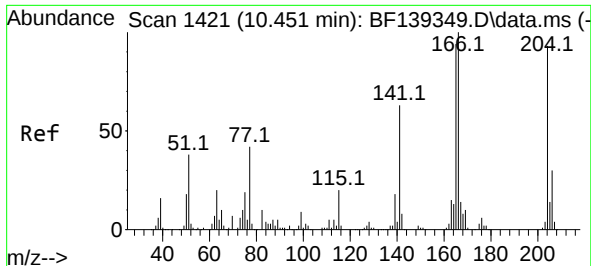
Tgt Ion:232 Resp: 77669
Ion Ratio Lower Upper
232 100
131 49.5 40.7 61.1
130 2.8 2.2 3.2
166 32.4 25.0 37.6



#60
Diethylphthalate
Concen: 49.957 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:149 Resp: 349864
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 12.7 10.6 15.8

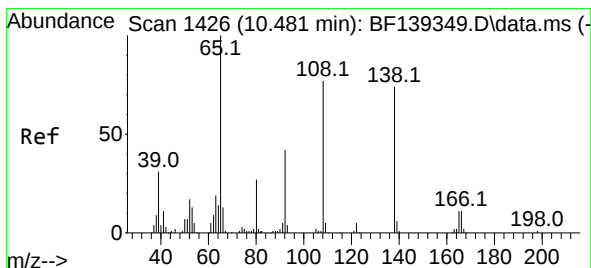
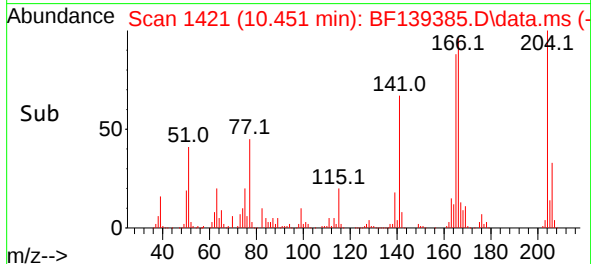
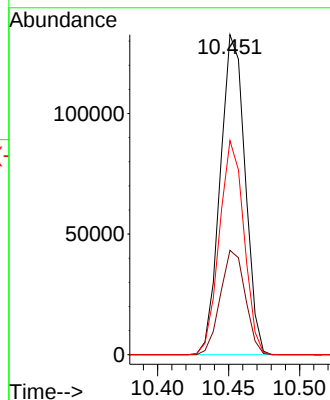
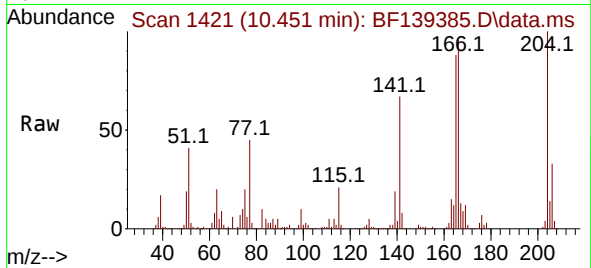




#61
4-Chlorophenyl-phenylether
Concen: 46.742 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

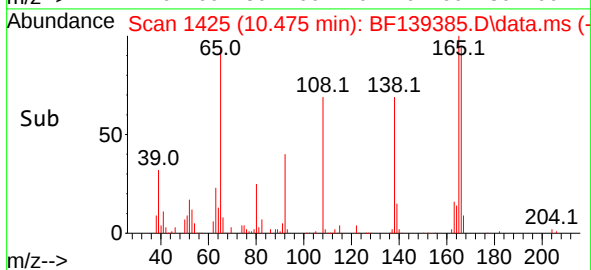
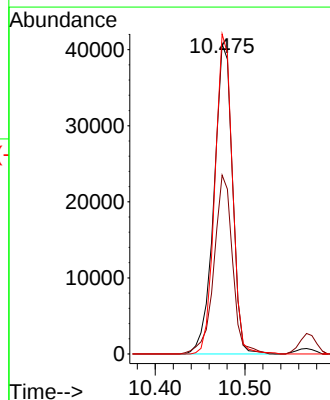
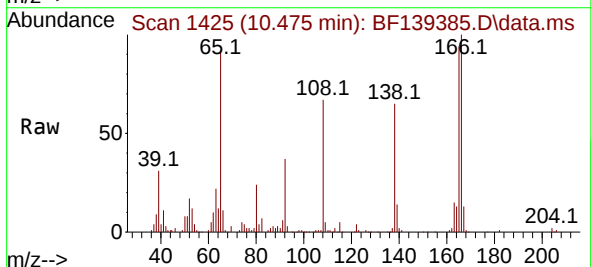
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

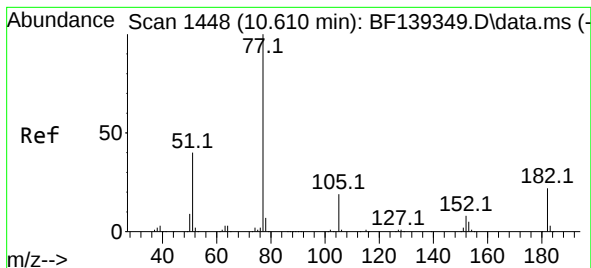
Tgt Ion:204 Resp: 161419
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 66.9 53.9 80.9



#62
4-Nitroaniline
Concen: 35.604 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:138 Resp: 58383
Ion Ratio Lower Upper
138 100
92 57.7 37.0 77.0
108 103.2 84.4 124.4





#63

Azobenzene

Concen: 51.936 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

Tgt Ion: 77 Resp: 357744

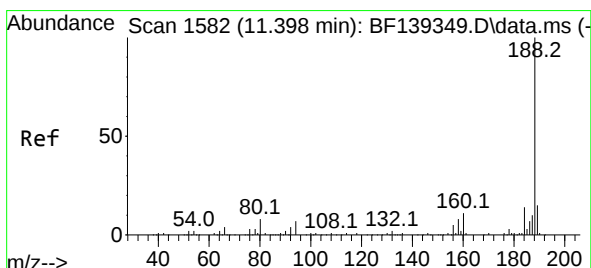
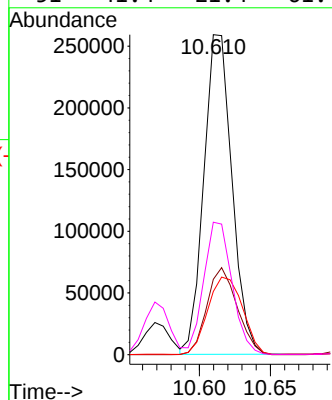
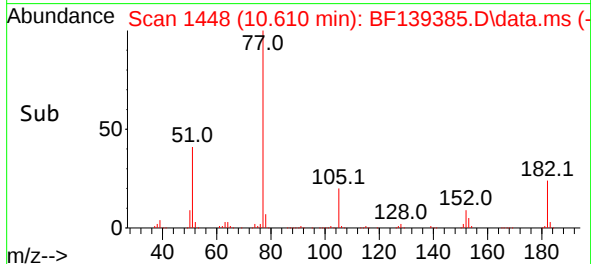
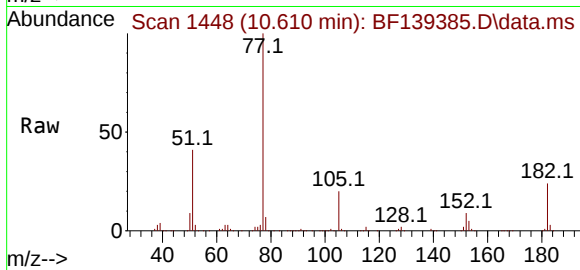
Ion Ratio Lower Upper

77 100

182 23.5 1.8 41.8

105 19.8 0.0 38.6

51 41.4 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

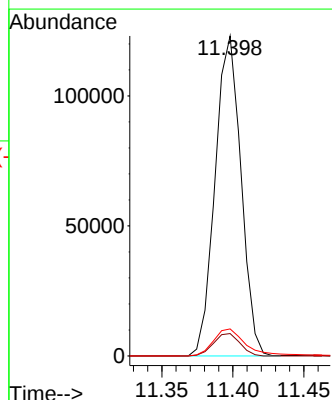
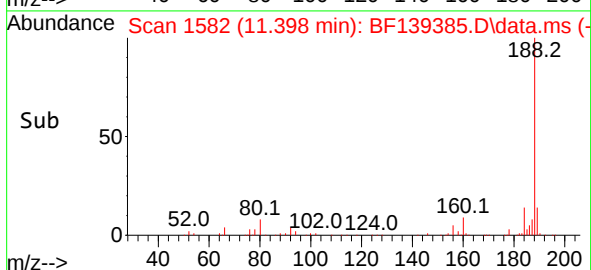
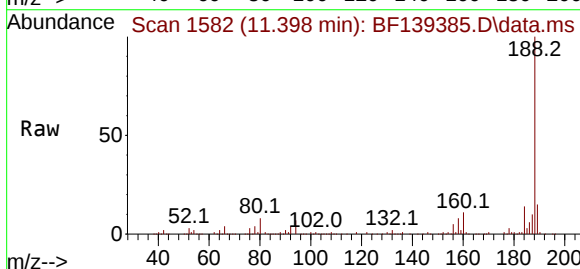
Tgt Ion:188 Resp: 155991

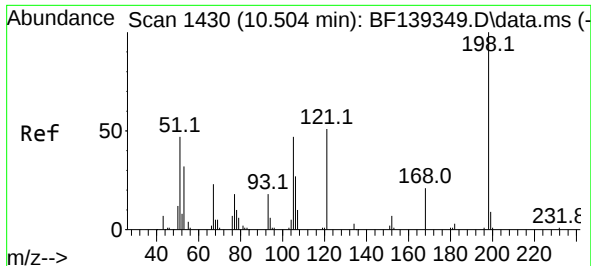
Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

80 8.5 6.6 9.8

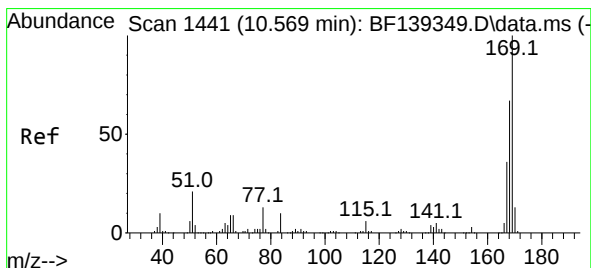
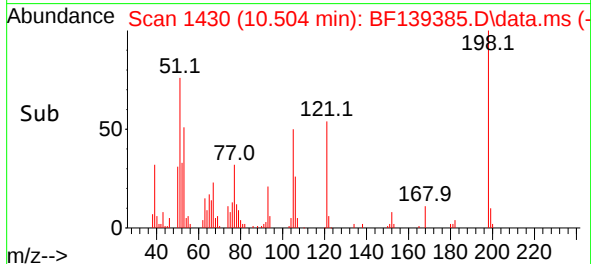
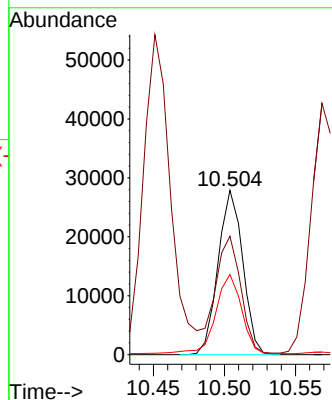
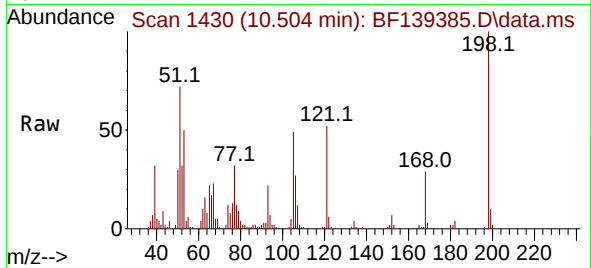




#65
4,6-Dinitro-2-methylphenol
Concen: 40.856 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

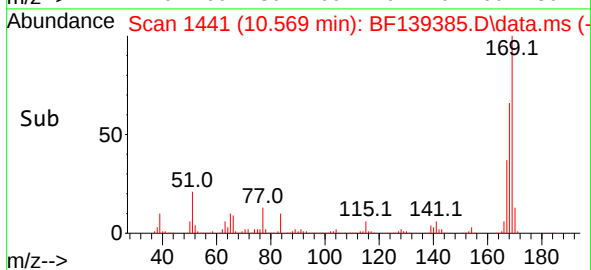
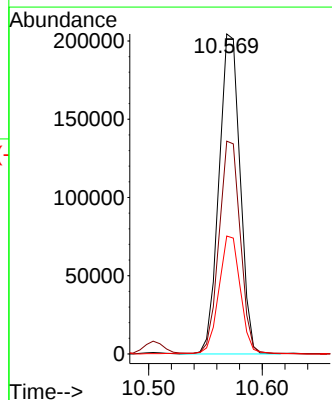
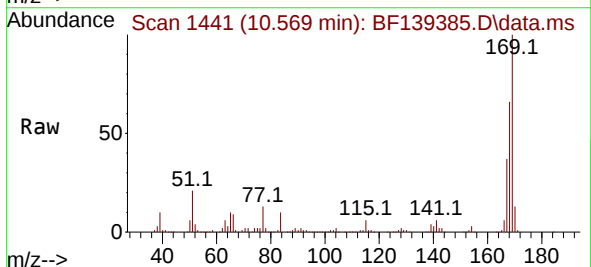
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

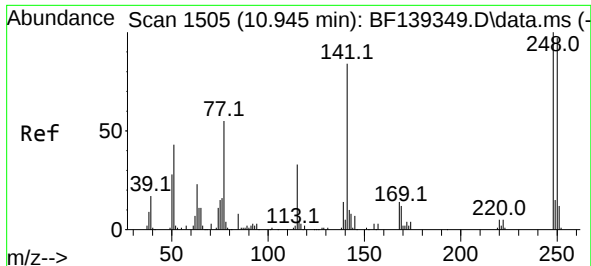
Tgt Ion:198 Resp: 33637
Ion Ratio Lower Upper
198 100
51 72.0 50.4 90.4
105 48.8 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 57.905 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:169 Resp: 264084
Ion Ratio Lower Upper
169 100
168 66.5 53.6 80.4
167 36.8 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 56.235 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

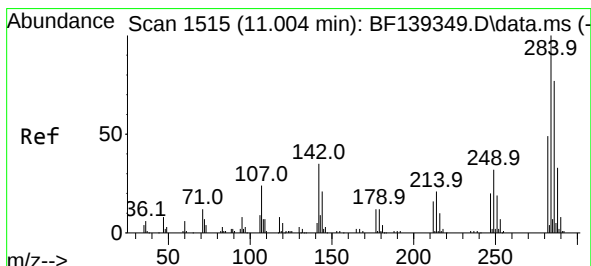
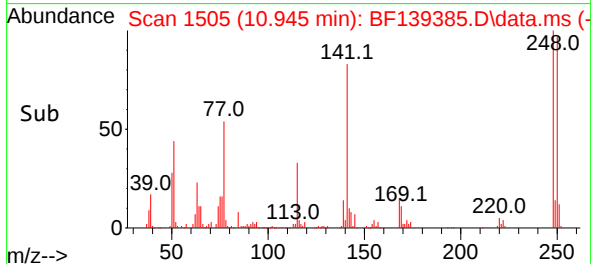
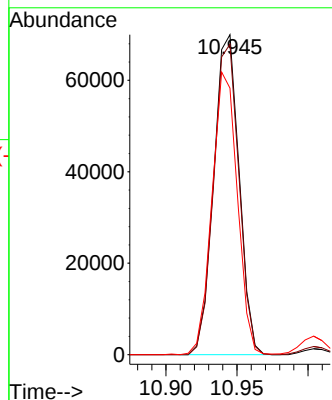
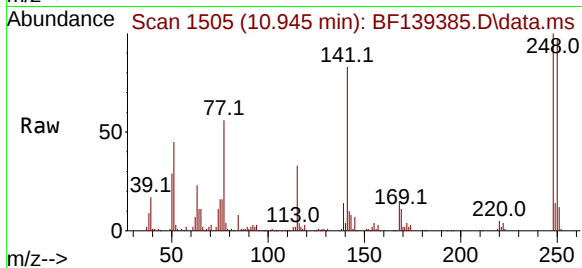
Tgt Ion:248 Resp: 86930

Ion Ratio Lower Upper

248 100

250 97.0 77.6 116.4

141 83.3 66.9 100.3



#68

Hexachlorobenzene

Concen: 51.220 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

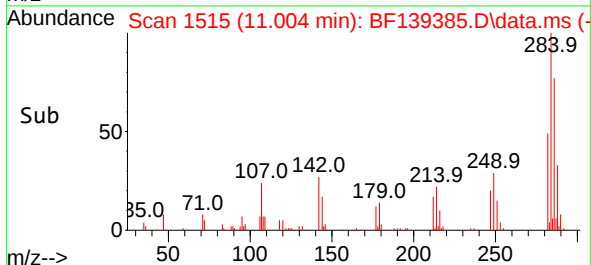
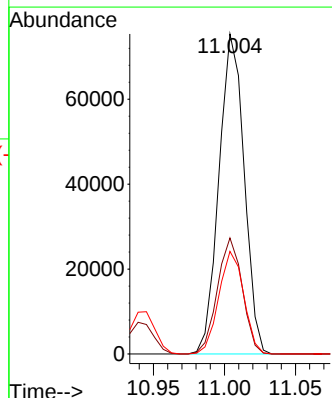
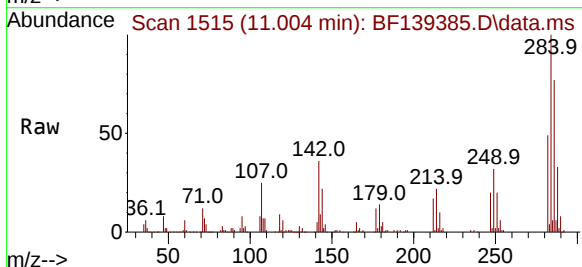
Tgt Ion:284 Resp: 92925

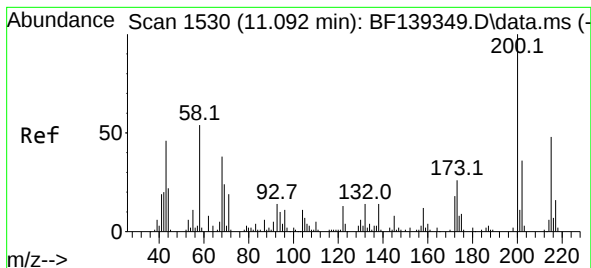
Ion Ratio Lower Upper

284 100

142 36.2 28.0 42.0

249 32.0 25.3 37.9





#69

Atrazine

Concen: 74.116 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

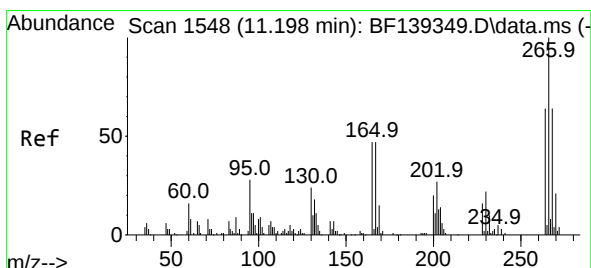
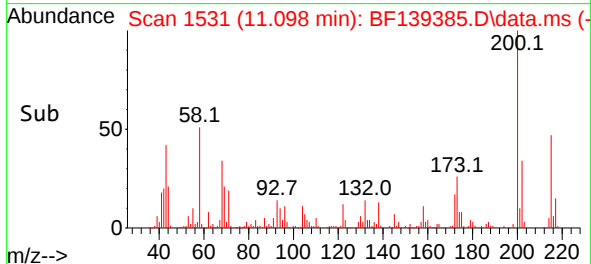
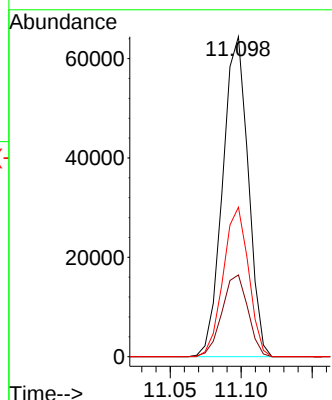
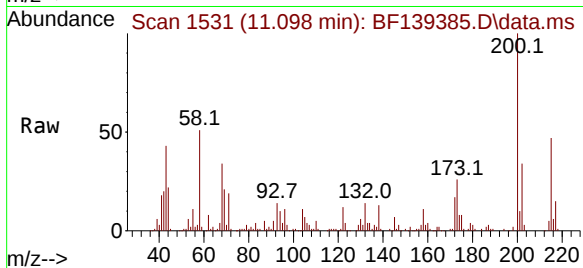
Tgt Ion:200 Resp: 80471

Ion Ratio Lower Upper

200 100

173 25.6 6.1 46.1

215 46.7 28.2 68.2



#70

Pentachlorophenol

Concen: 100.304 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

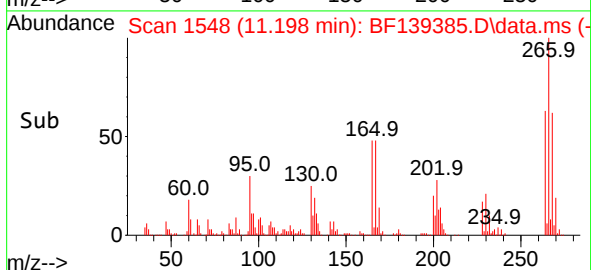
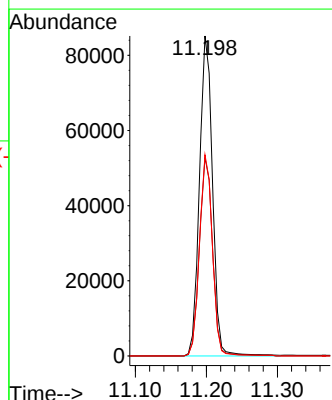
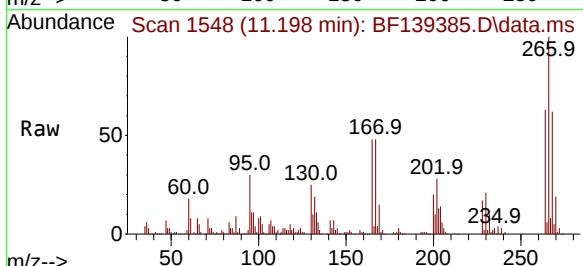
Tgt Ion:266 Resp: 109192

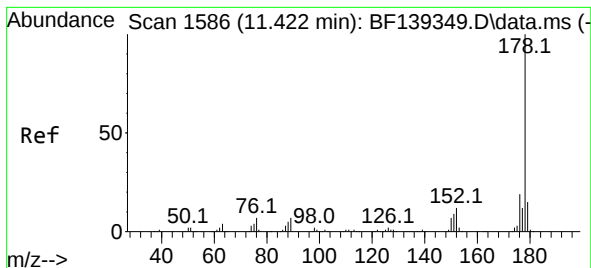
Ion Ratio Lower Upper

266 100

268 62.1 51.1 76.7

264 62.9 51.4 77.0





#71

Phenanthrene

Concen: 65.052 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

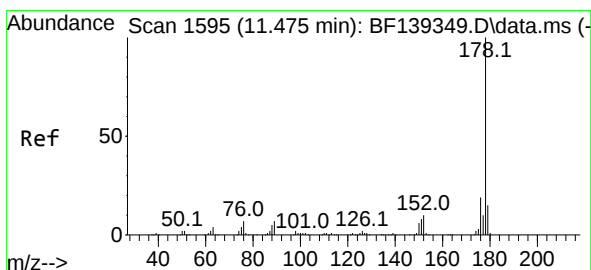
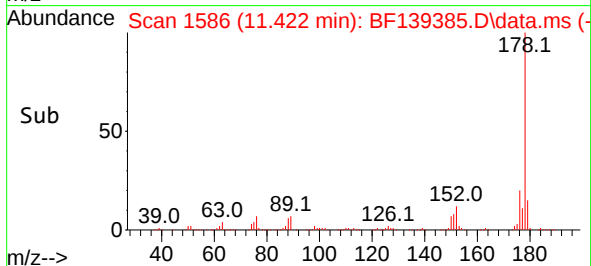
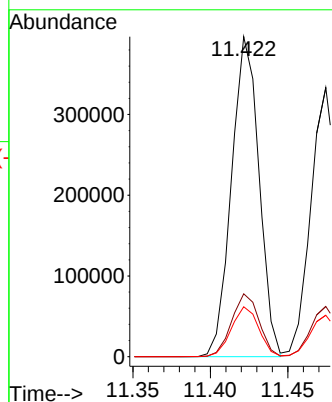
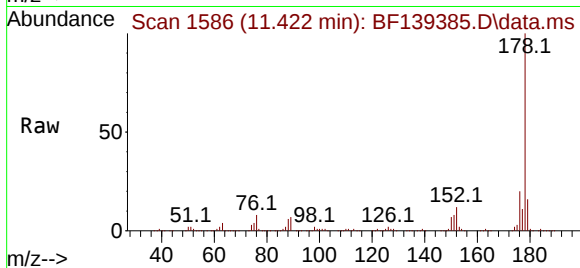
Tgt Ion:178 Resp: 489574

Ion Ratio Lower Upper

178 100

176 19.6 15.2 22.8

179 15.6 12.2 18.4



#72

Anthracene

Concen: 55.642 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

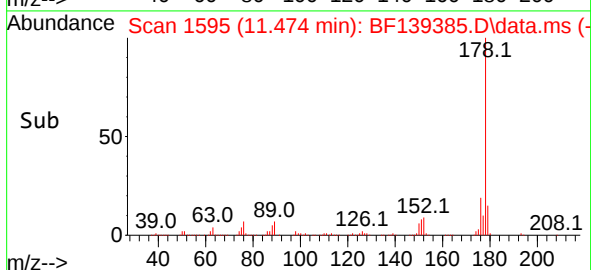
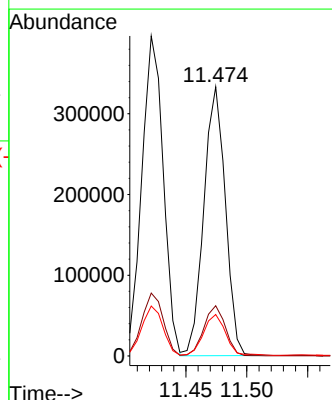
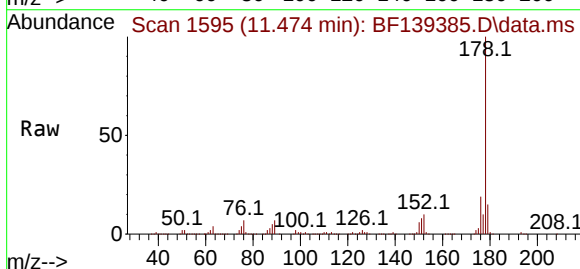
Tgt Ion:178 Resp: 409426

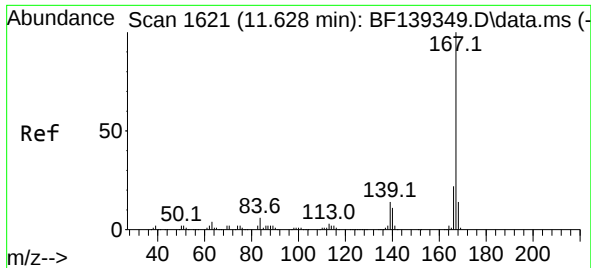
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.4 12.0 18.0

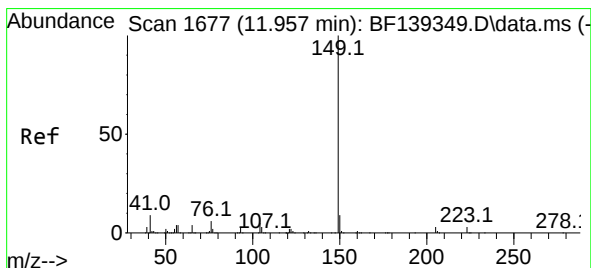
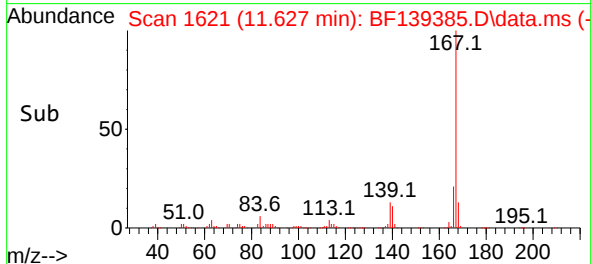
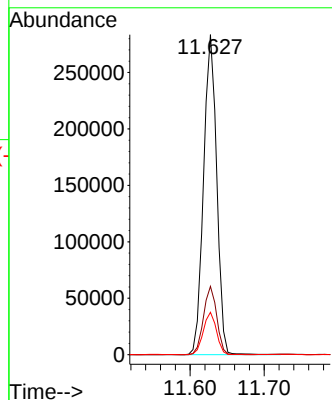
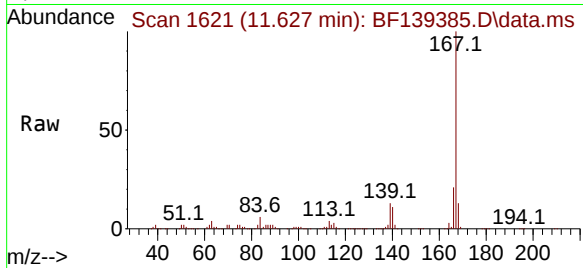




#73
 Carbazole
 Concen: 49.626 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139385.D
 Acq: 16 Sep 2024 18:23

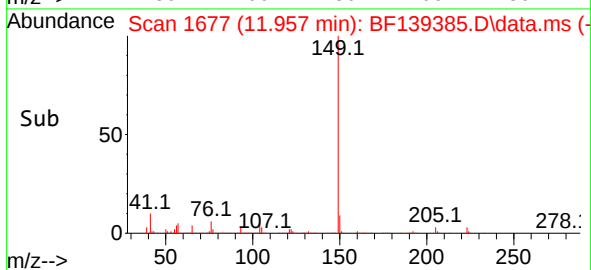
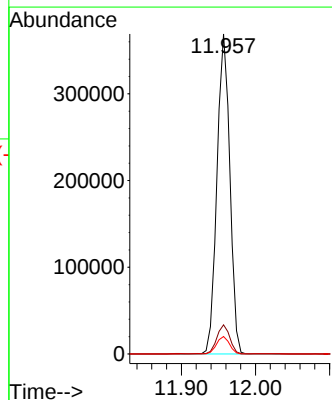
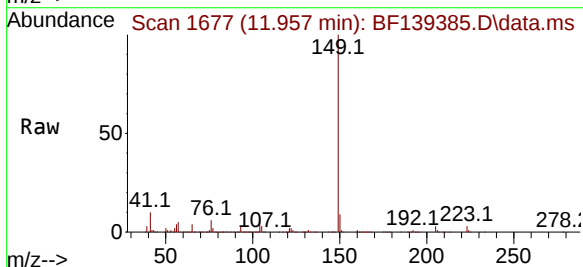
Instrument :
 BNA_F
 ClientSampleId :
 RW-1MSD

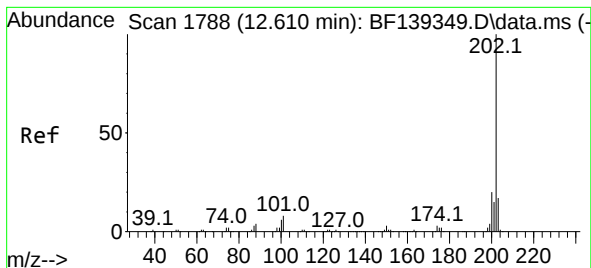
Tgt Ion:167 Resp: 349493
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 56.565 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139385.D
 Acq: 16 Sep 2024 18:23

Tgt Ion:149 Resp: 443766
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 65.739 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

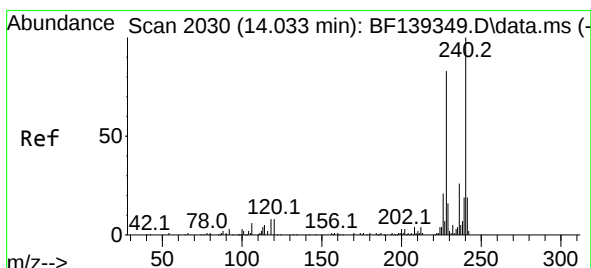
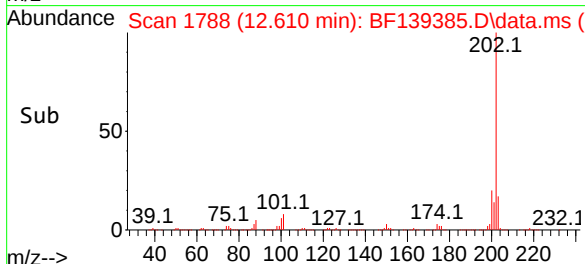
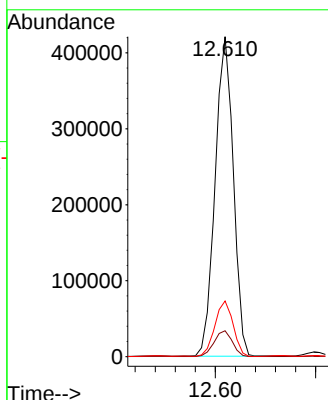
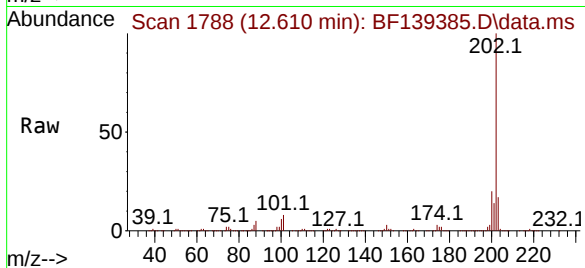
Tgt Ion:202 Resp: 528350

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.7

203 17.4 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: BF139385.D

Acq: 16 Sep 2024 18:23

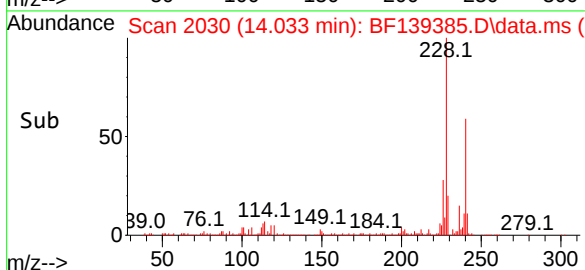
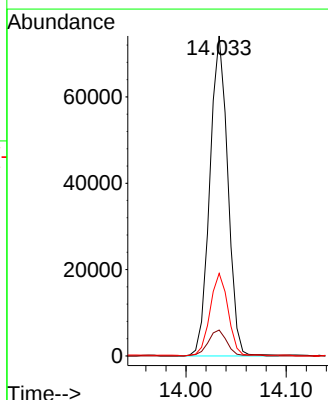
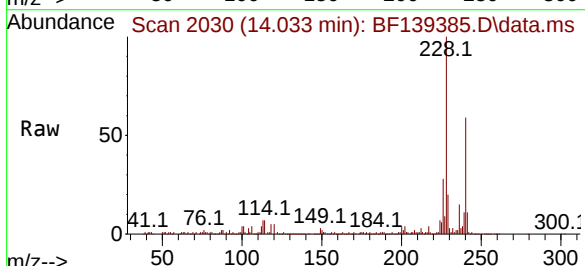
Tgt Ion:240 Resp: 92472

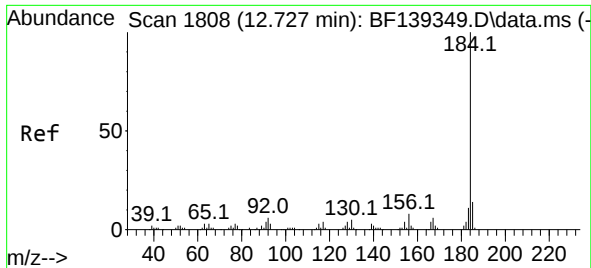
Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

236 25.8 20.9 31.3

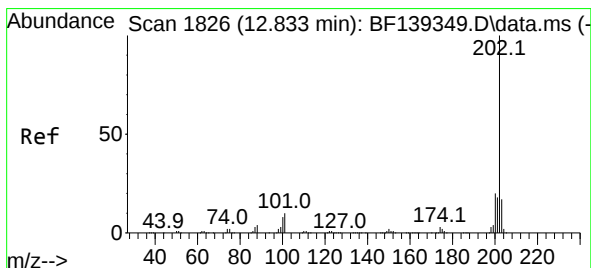
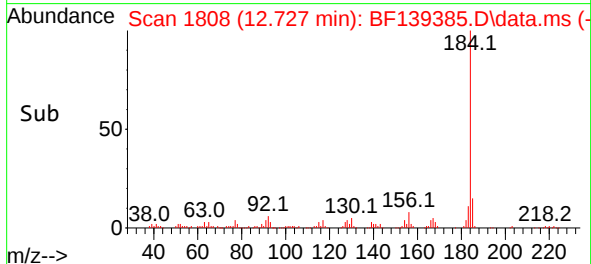
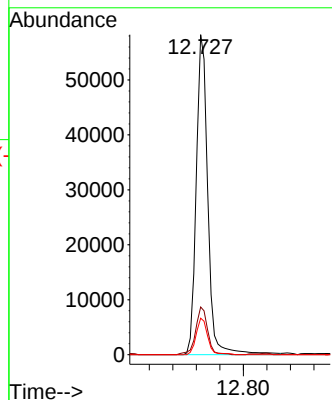
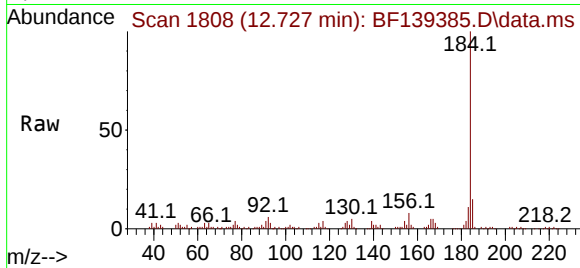




#77
Benzidine
Concen: 60.118 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

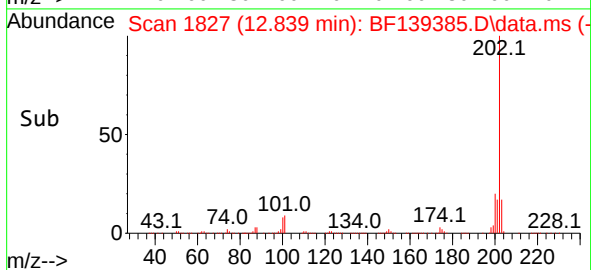
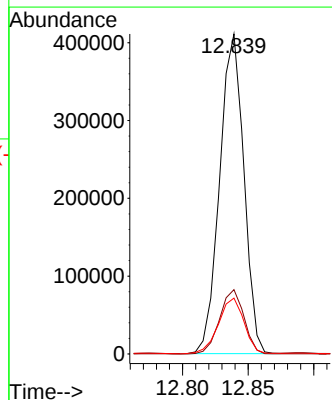
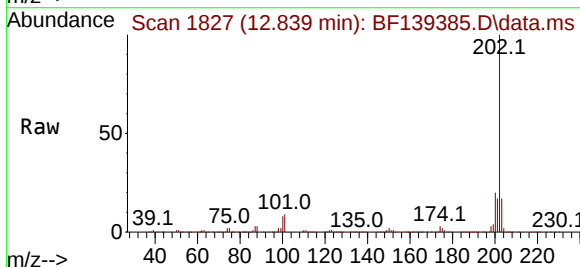
Instrument :
BNA_F
ClientSampleId :
RW-1MSD

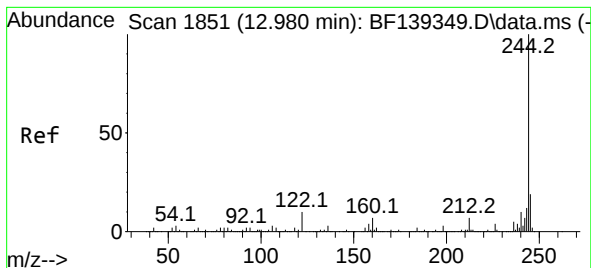
Tgt Ion:184	Resp:	79648
Ion Ratio	Lower	Upper
184	100	
185	14.9	11.5 17.3
183	11.4	8.9 13.3



#78
Pyrene
Concen: 66.388 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:202	Resp:	527119
Ion Ratio	Lower	Upper
202	100	
200	20.1	16.2 24.2
203	17.5	13.9 20.9





#79

Terphenyl-d14

Concen: 74.068 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

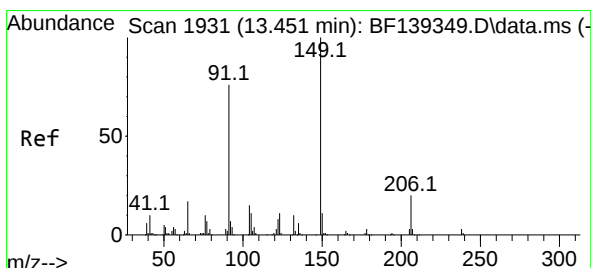
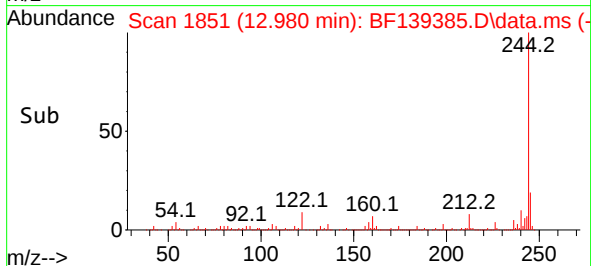
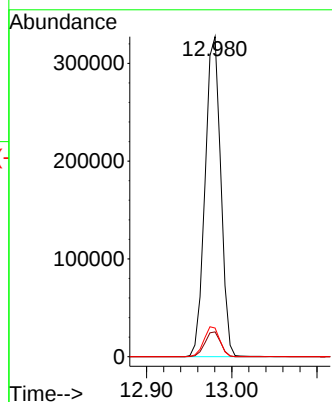
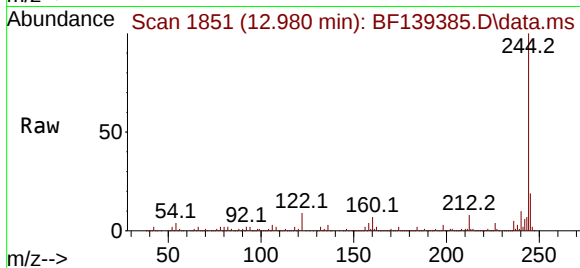
Tgt Ion:244 Resp: 417283

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 9.0 7.6 11.4



#80

Butylbenzylphthalate

Concen: 60.277 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

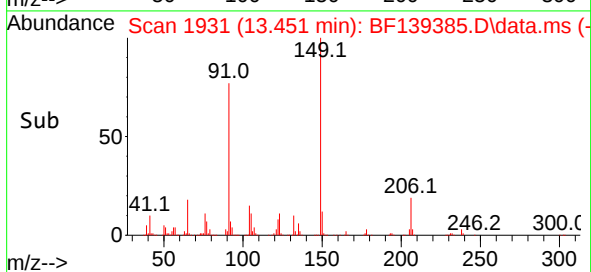
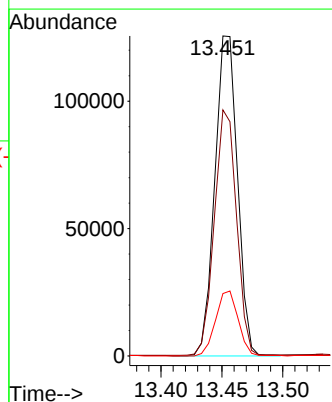
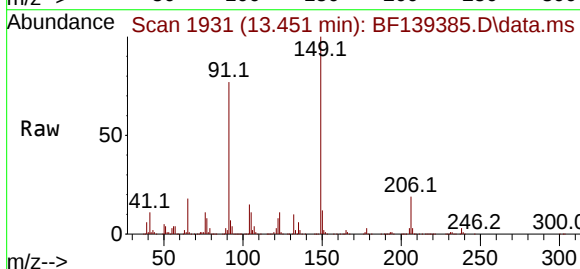
Tgt Ion:149 Resp: 162905

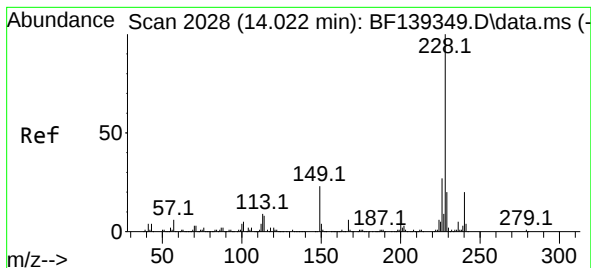
Ion Ratio Lower Upper

149 100

91 76.9 60.9 91.3

206 19.5 15.8 23.8





#81

Benzo(a)anthracene

Concen: 59.417 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

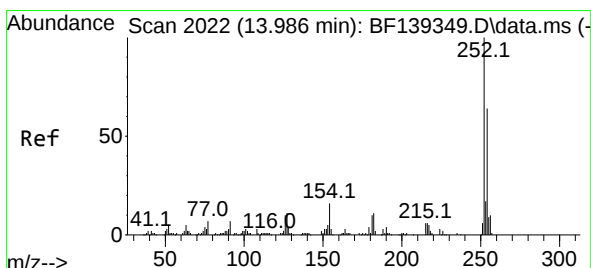
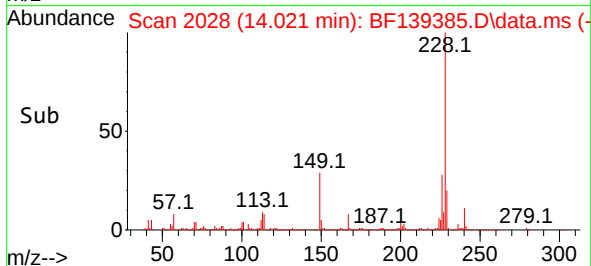
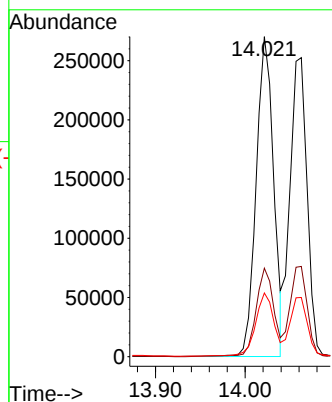
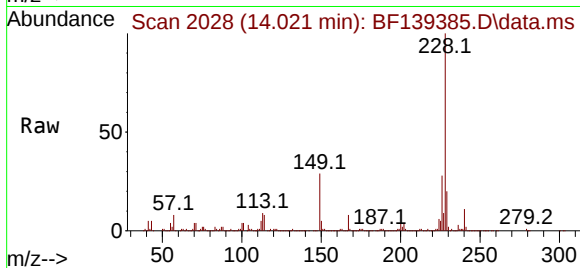
Tgt Ion:228 Resp: 363951

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 36.242 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

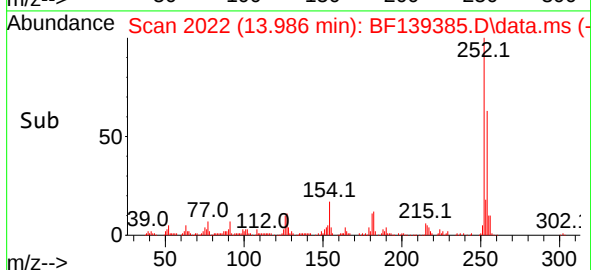
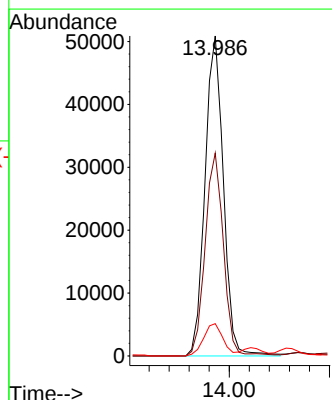
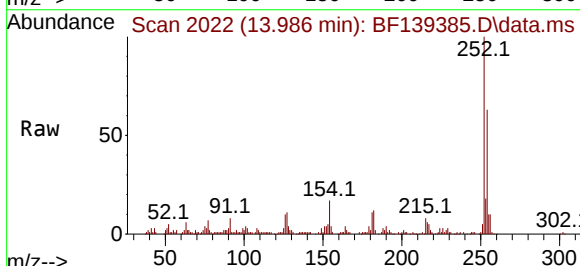
Tgt Ion:252 Resp: 65011

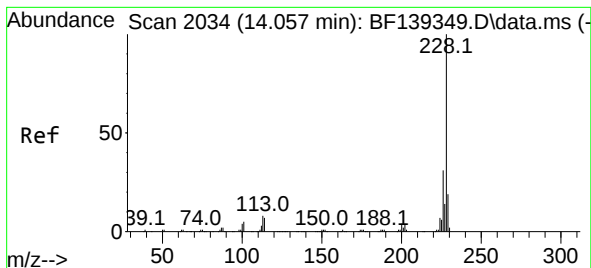
Ion Ratio Lower Upper

252 100

254 63.4 51.4 77.2

126 10.1 7.7 11.5





#83

Chrysene

Concen: 58.753 ng

RT: 14.063 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

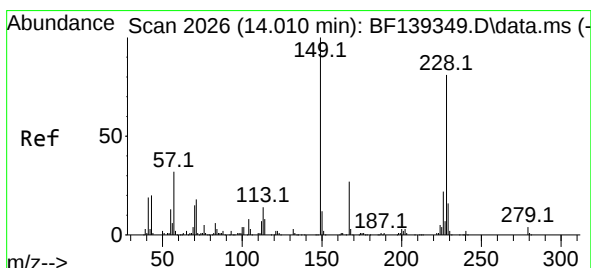
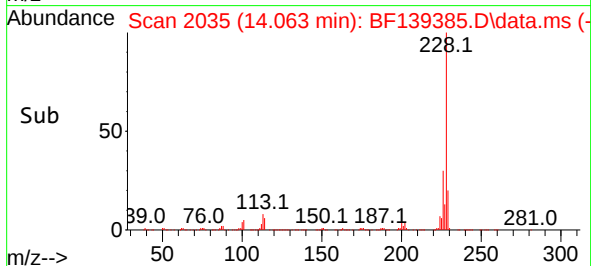
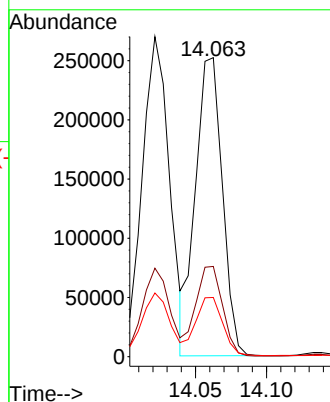
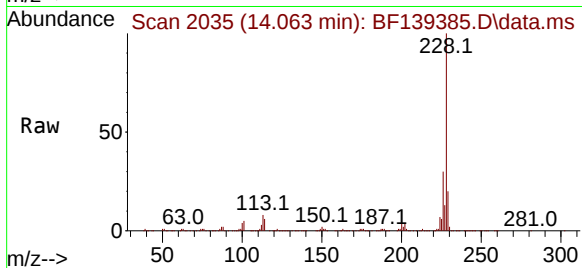
Tgt Ion:228 Resp: 331092

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.903 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

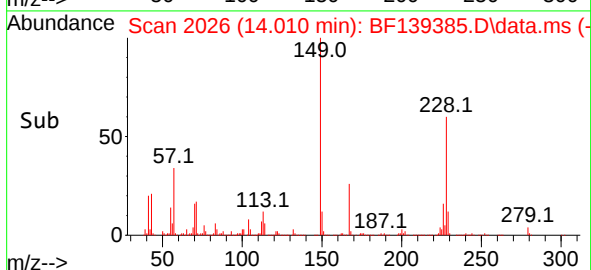
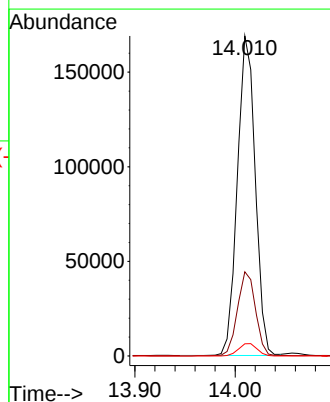
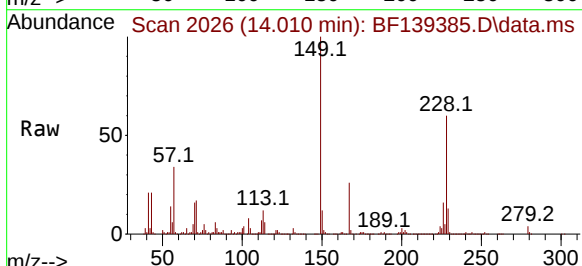
Tgt Ion:149 Resp: 209390

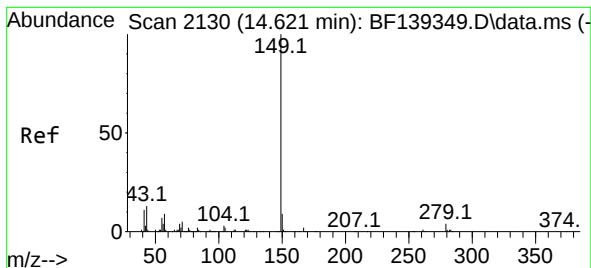
Ion Ratio Lower Upper

149 100

167 26.3 21.6 32.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 60.316 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

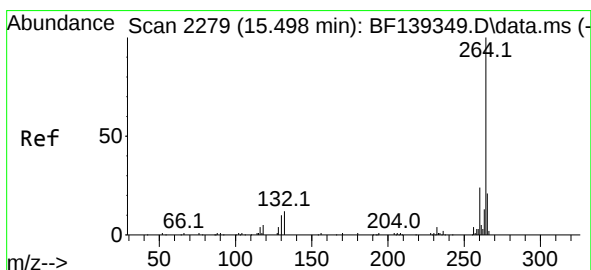
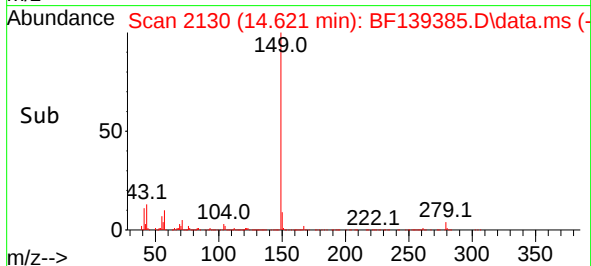
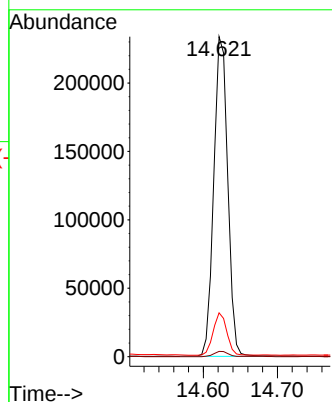
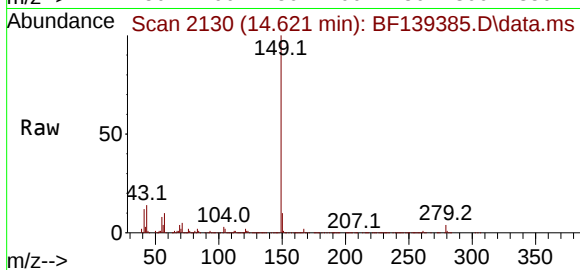
Tgt Ion:149 Resp: 305395

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 13.0 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

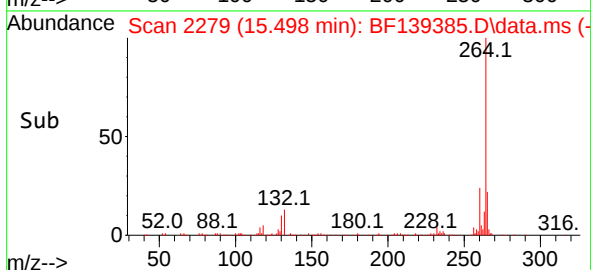
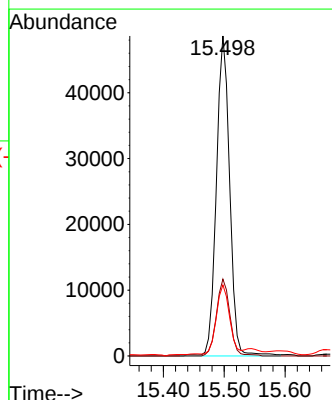
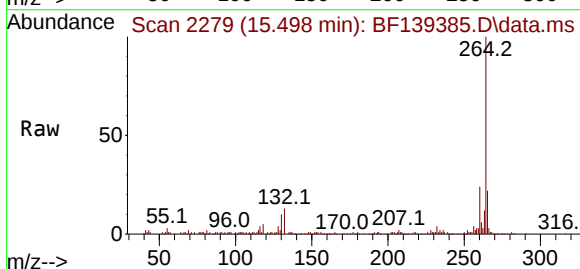
Tgt Ion:264 Resp: 73636

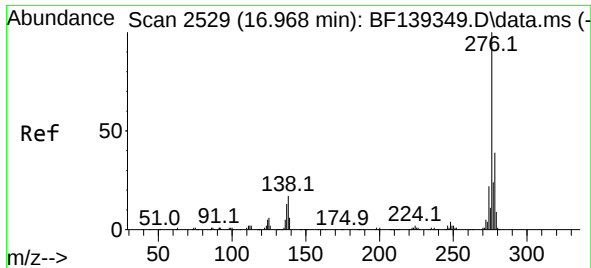
Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.2 16.6 25.0



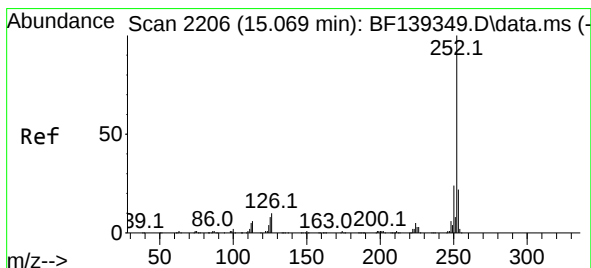
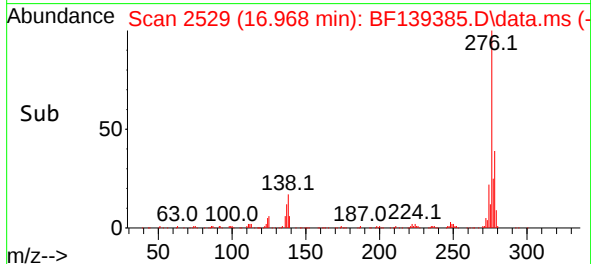
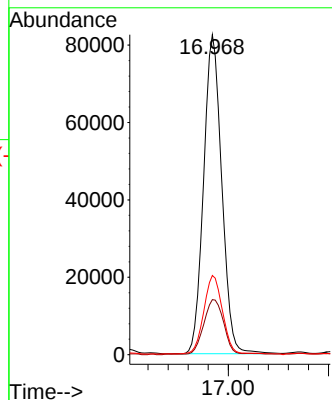
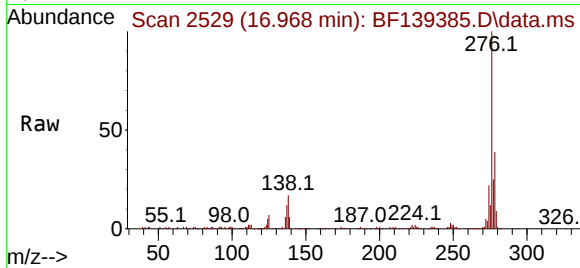


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.282 ng
 RT: 16.968 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139385.D
 Acq: 16 Sep 2024 18:23

Instrument :
 BNA_F
 ClientSampleId :
 RW-1MSD

Tgt Ion:276 Resp: 207031

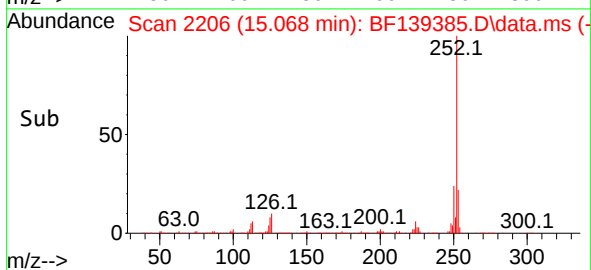
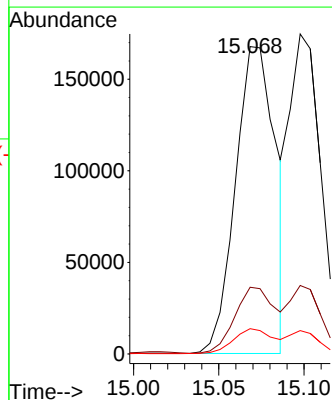
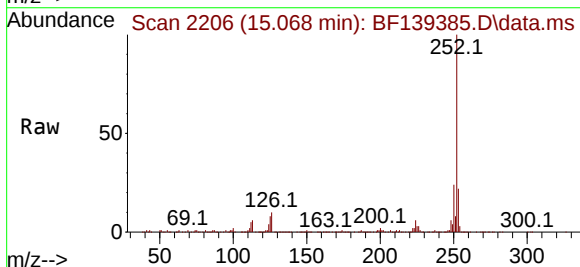
Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.4	23.2
277	26.5	20.4	30.6

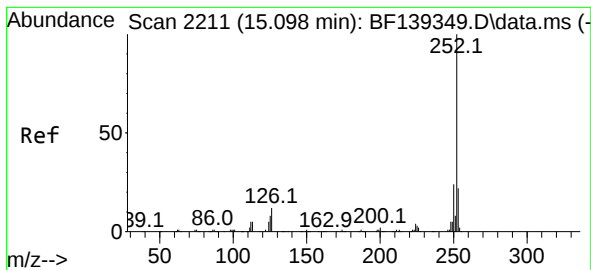


#88
 Benzo(b)fluoranthene
 Concen: 60.538 ng
 RT: 15.068 min Scan# 2206
 Delta R.T. -0.000 min
 Lab File: BF139385.D
 Acq: 16 Sep 2024 18:23

Tgt Ion:252 Resp: 274928

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	8.2	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 53.539 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

Instrument :

BNA_F

ClientSampleId :

RW-1MSD

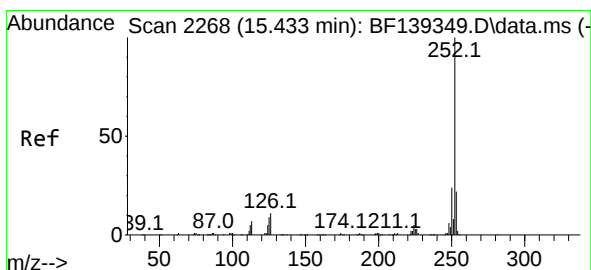
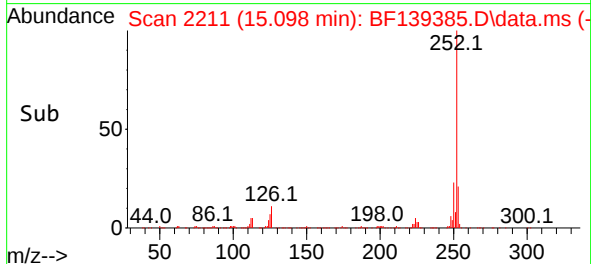
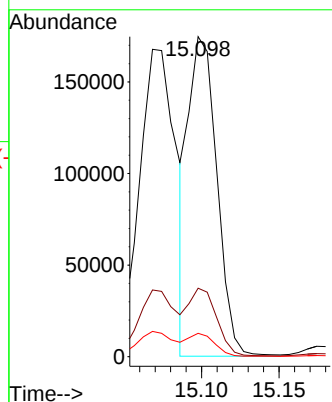
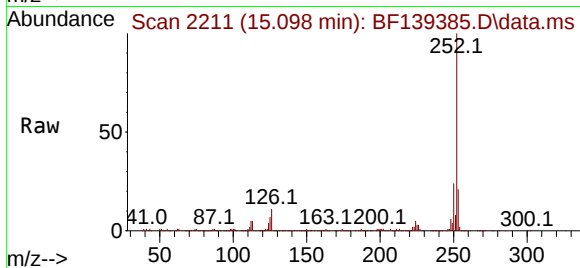
Tgt Ion:252 Resp: 224182

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 7.3 5.9 8.9



#90

Benzo(a)pyrene

Concen: 59.393 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139385.D

Acq: 16 Sep 2024 18:23

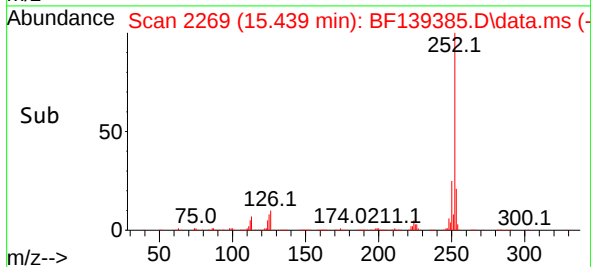
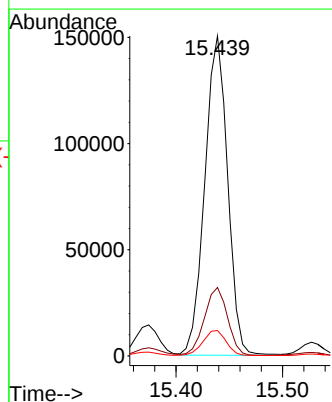
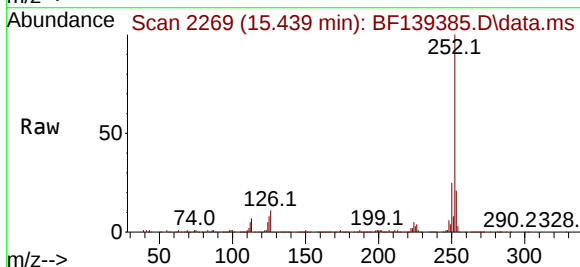
Tgt Ion:252 Resp: 223698

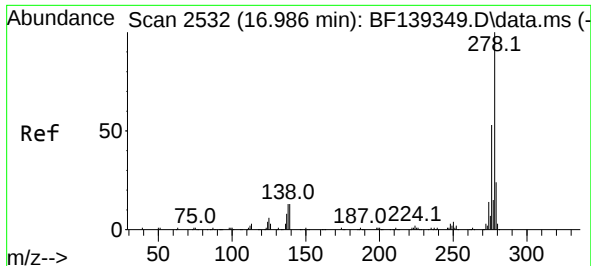
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 8.0 6.8 10.2

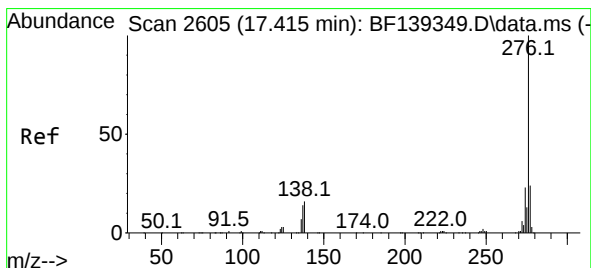
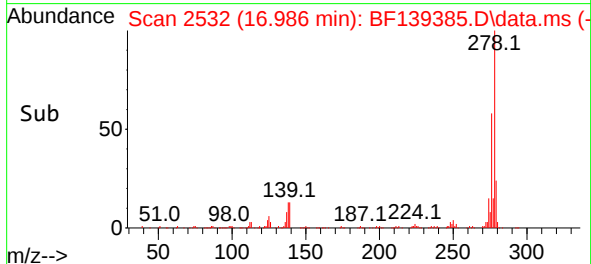
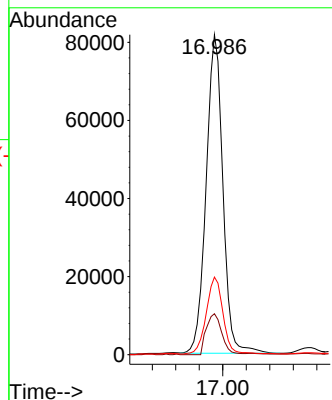
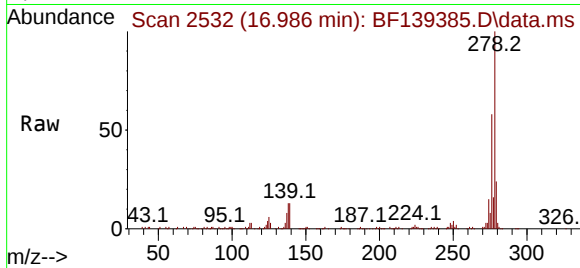




#91
Dibenzo(a,h)anthracene
Concen: 44.704 ng
RT: 16.986 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Instrument :
BNA_F
ClientSampleId :
RW-1MSD

Tgt Ion:278 Resp: 161747
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.2
279 24.3 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 43.365 ng
RT: 17.409 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF139385.D
Acq: 16 Sep 2024 18:23

Tgt Ion:276 Resp: 155354
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 17.6 13.0 19.6

