

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139206.D
 Acq On : 28 Aug 2024 13:48
 Operator : RC/JU
 Sample : P3707-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MSD

Quant Time: Aug 28 14:17:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	78910	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	303711	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	173500	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	279469	20.000	ng	0.00
76) Chrysene-d12	14.051	240	158339	20.000	ng	0.00
86) Perylene-d12	15.521	264	186597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	436049	92.855	ng	0.01
7) Phenol-d6	6.522	99	597502	92.710	ng	0.00
23) Nitrobenzene-d5	7.451	82	427456	77.973	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	135038	90.877	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	542925	48.608	ng	0.00
79) Terphenyl-d14	12.992	244	346249	34.121	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	95319	42.921	ng	99
3) Pyridine	3.504	79	260956	47.281	ng	100
4) n-Nitrosodimethylamine	3.451	42	158597	49.358	ng	100
6) Aniline	6.551	93	258157	42.731	ng	96
8) 2-Chlorophenol	6.675	128	264536	59.292	ng	98
9) Benzaldehyde	6.440	77	128248	31.793	ng	99
10) Phenol	6.534	94	363274	55.851	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	262800	51.280	ng	98
12) 1,3-Dichlorobenzene	6.834	146	286634	48.718	ng	99
13) 1,4-Dichlorobenzene	6.910	146	284566	48.209	ng	99
14) 1,2-Dichlorobenzene	7.063	146	275747	49.650	ng	99
15) Benzyl Alcohol	7.034	79	282428	58.139	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	384083	51.699	ng	97
17) 2-Methylphenol	7.145	107	222060	54.597	ng	99
18) Hexachloroethane	7.404	117	104413	55.909	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	214086	55.539	ng	98
20) 3+4-Methylphenols	7.292	107	284938	54.921	ng	93
22) Acetophenone	7.298	105	381435	48.879	ng	97
24) Nitrobenzene	7.475	77	323156	50.417	ng	95
25) Isophorone	7.710	82	572217	52.782	ng	100
26) 2-Nitrophenol	7.787	139	135593	64.011	ng	99
27) 2,4-Dimethylphenol	7.822	122	214006	66.601	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	317823	50.636	ng	100
29) 2,4-Dichlorophenol	8.028	162	230426	58.098	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	242189	47.352	ng	99
31) Naphthalene	8.198	128	765248	49.277	ng	100
32) Benzoic acid	7.928	122	119869	44.487	ng	98
33) 4-Chloroaniline	8.239	127	128134	23.943	ng	99
34) Hexachlorobutadiene	8.310	225	159971	48.132	ng	100
35) Caprolactam	8.616	113	73720m	60.591	ng	
36) 4-Chloro-3-methylphenol	8.722	107	255084	56.079	ng	99
37) 2-Methylnaphthalene	8.886	142	505355	51.909	ng	99
38) 1-Methylnaphthalene	8.986	142	467162	49.096	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	249945	48.569	ng	98
41) Hexachlorocyclopentadiene	9.039	237	275547	166.748	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	175294	60.919	ng	99

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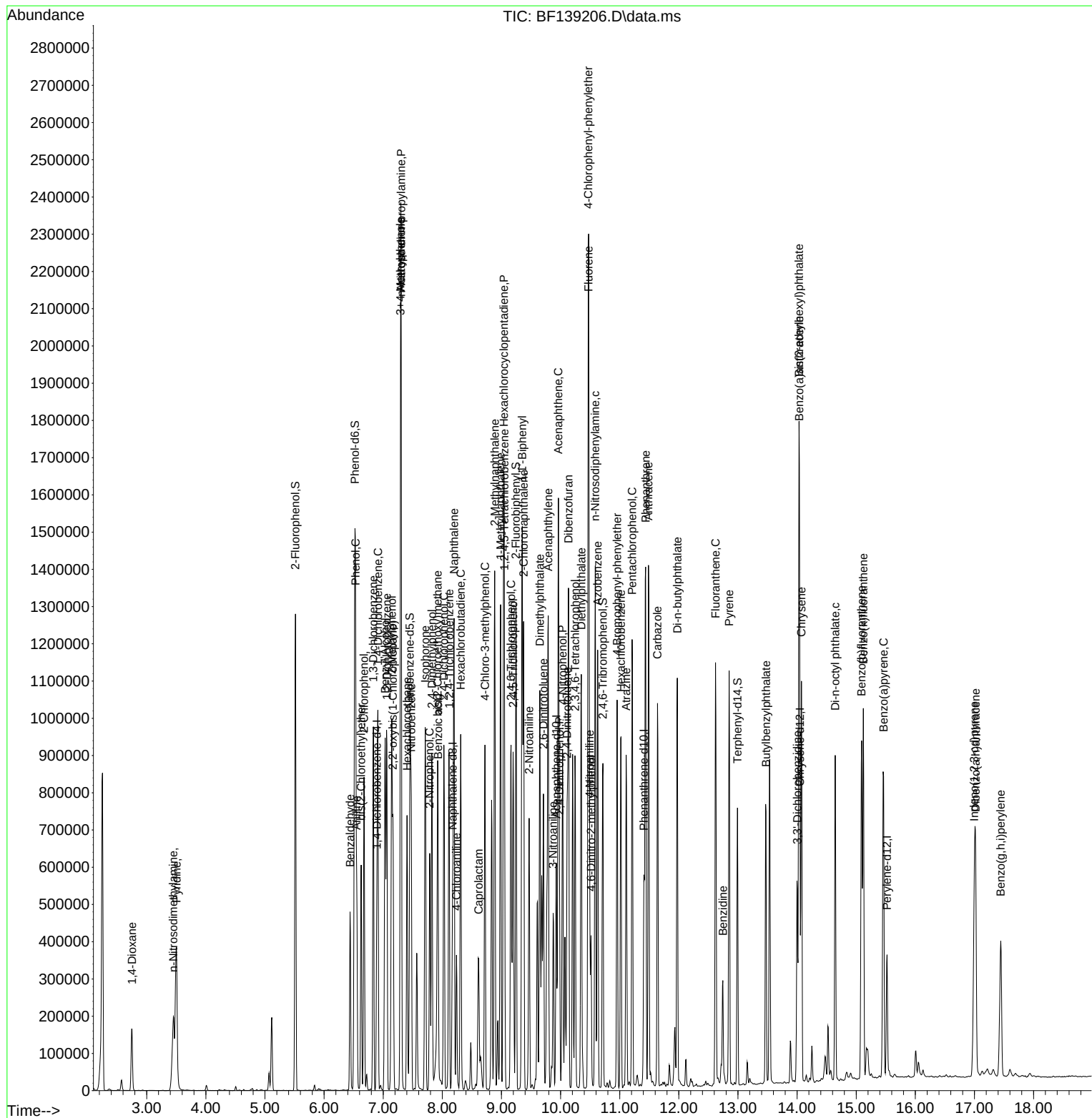
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	174199	57.755	ng	98
46) 1,1'-Biphenyl	9.351	154	633112	50.414	ng	99
47) 2-Chloronaphthalene	9.375	162	485530	48.461	ng	99
48) 2-Nitroaniline	9.469	65	171577	56.950	ng	95
49) Acenaphthylene	9.792	152	760986	53.905	ng	99
50) Dimethylphthalate	9.651	163	582489	58.118	ng	100
51) 2,6-Dinitrotoluene	9.710	165	125498	57.366	ng	92
52) Acenaphthene	9.963	154	512223	55.233	ng	99
53) 3-Nitroaniline	9.875	138	87244	40.632	ng	96
54) 2,4-Dinitrophenol	9.980	184	83450	81.234	ng	# 61
55) Dibenzofuran	10.133	168	694664	51.325	ng	99
56) 4-Nitrophenol	10.033	139	163103	88.520	ng	99
57) 2,4-Dinitrotoluene	10.110	165	169133	60.416	ng	94
58) Fluorene	10.475	166	545273	51.065	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	146659	60.669	ng	99
60) Diethylphthalate	10.351	149	565734	59.942	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	272199	51.943	ng	99
62) 4-Nitroaniline	10.492	138	104324	47.272	ng	97
63) Azobenzene	10.628	77	598064	52.127	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	64930	56.709	ng	96
66) n-Nitrosodiphenylamine	10.586	169	469838	56.766	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	168397	56.710	ng	98
68) Hexachlorobenzene	11.022	284	175882	54.731	ng	99
69) Atrazine	11.110	200	148792	82.420	ng	100
70) Pentachlorophenol	11.210	266	180271	95.548	ng	98
71) Phenanthrene	11.439	178	753237	53.336	ng	100
72) Anthracene	11.486	178	754269	54.791	ng	100
73) Carbazole	11.639	167	565166	45.893	ng	100
74) Di-n-butylphthalate	11.974	149	734270	68.794	ng	100
75) Fluoranthene	12.621	202	629870	45.958	ng	100
77) Benzidine	12.745	184	144427	54.054	ng	98
78) Pyrene	12.851	202	627823	42.211	ng	99
80) Butylbenzylphthalate	13.474	149	232204	73.382	ng	99
81) Benzo(a)anthracene	14.039	228	557839	53.172	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	158187	64.761	ng	99
83) Chrysene	14.074	228	517659	54.699	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	304892	79.725	ng	100
85) Di-n-octyl phthalate	14.645	149	537029	71.261	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	492408	38.594	ng	99
88) Benzo(b)fluoranthene	15.092	252	572379	52.438	ng	99
89) Benzo(k)fluoranthene	15.121	252	553284	56.065	ng	100
90) Benzo(a)pyrene	15.462	252	534309	57.669	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	390952	37.385	ng	98
92) Benzo(g,h,i)perylene	17.445	276	338641	31.307	ng	98

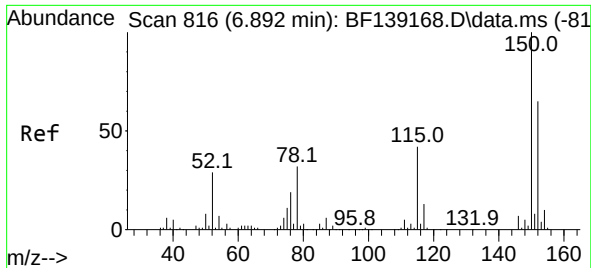
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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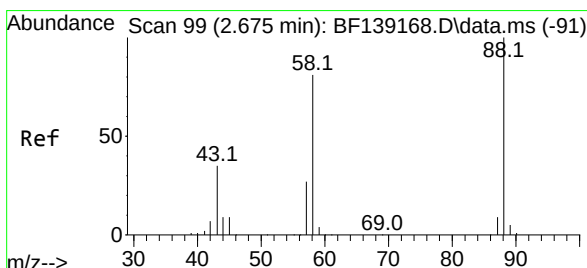
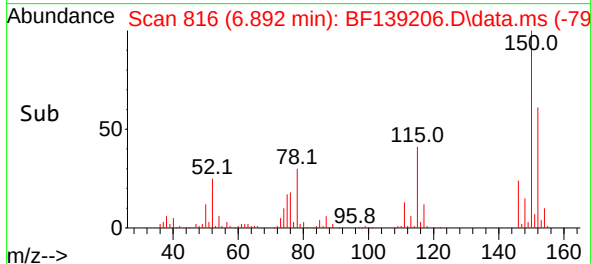
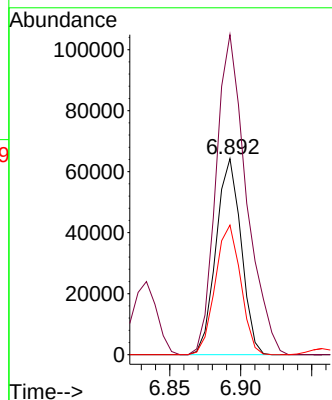
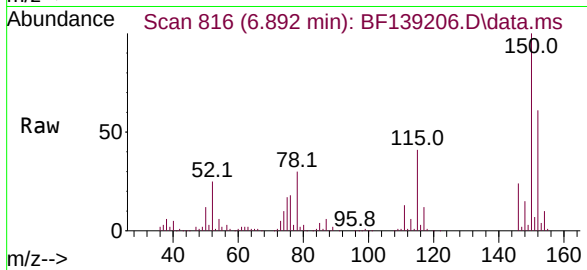




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139206.D
 Acq: 28 Aug 2024 13:48

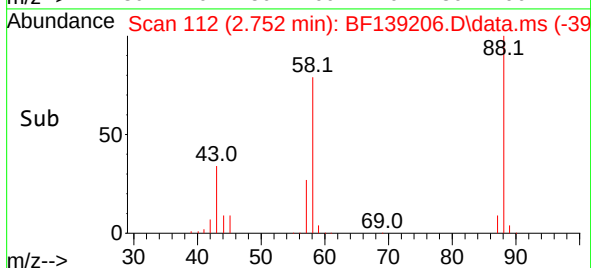
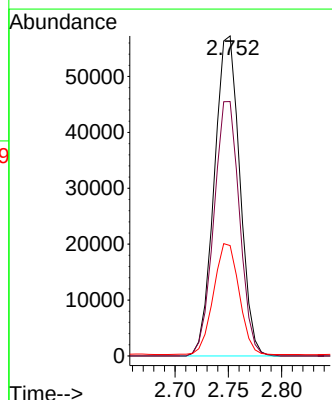
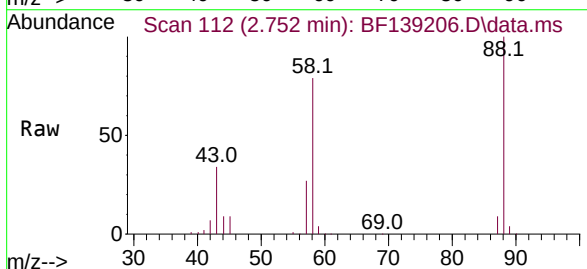
Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MSD

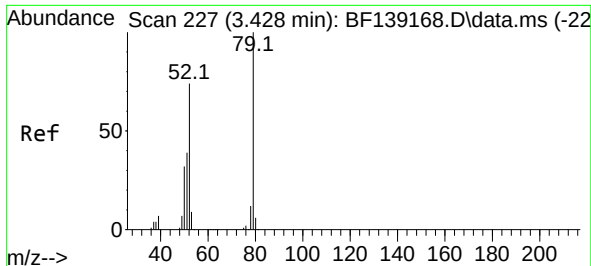
Tgt Ion:152 Resp: 78910
 Ion Ratio Lower Upper
 152 100
 150 163.3 123.7 185.5
 115 66.1 51.8 77.8



#2
 1,4-Dioxane
 Concen: 42.921 ng
 RT: 2.752 min Scan# 112
 Delta R.T. 0.077 min
 Lab File: BF139206.D
 Acq: 28 Aug 2024 13:48

Tgt Ion: 88 Resp: 95319
 Ion Ratio Lower Upper
 88 100
 58 79.8 65.0 97.6
 43 35.1 28.4 42.6





#3

Pyridine

Concen: 47.281 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.077 min

Lab File: BF139206.D

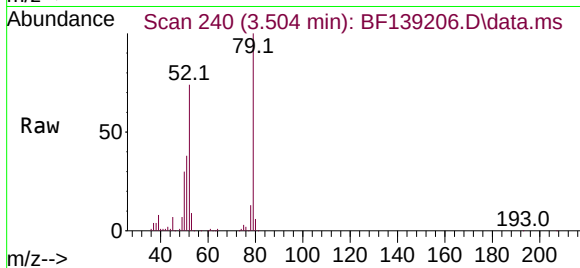
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Instrument :

BNA_F

ClientSampleId :

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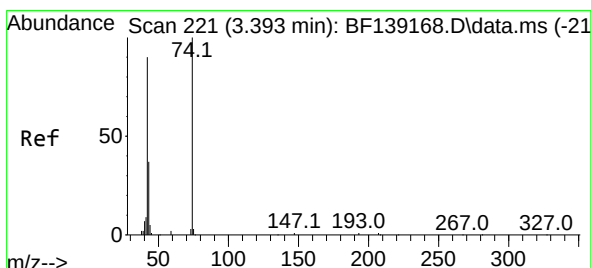
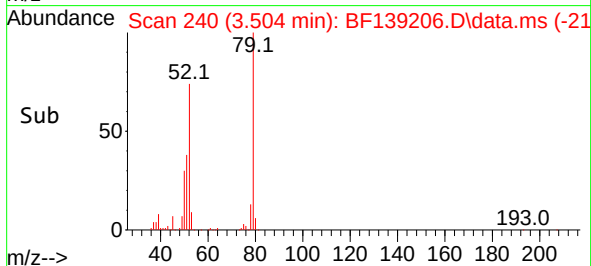
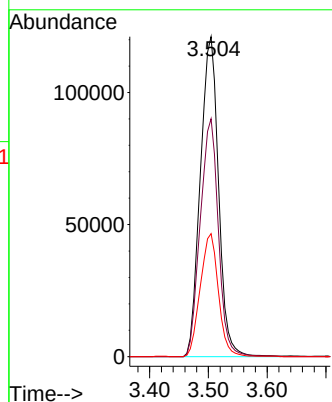
Tgt Ion: 79 Resp: 260956

Ion Ratio Lower Upper

79 100

52 74.4 59.5 89.3

51 38.5 31.4 47.0



#4

n-Nitrosodimethylamine

Concen: 49.358 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.059 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

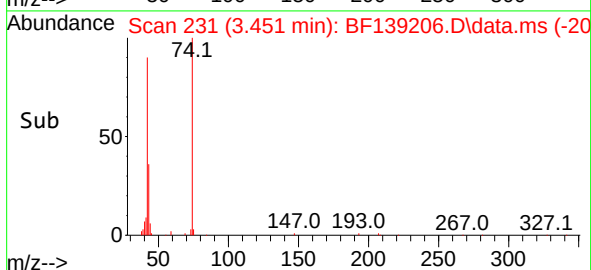
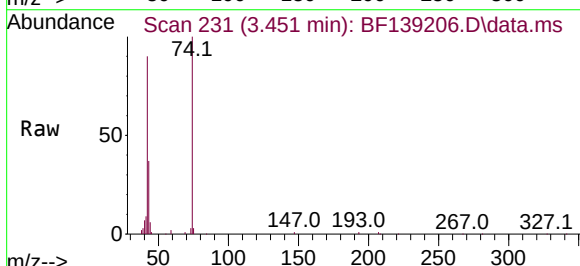
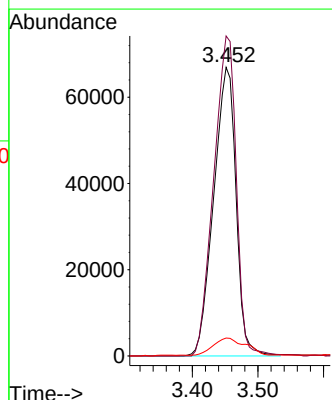
Tgt Ion: 42 Resp: 158597

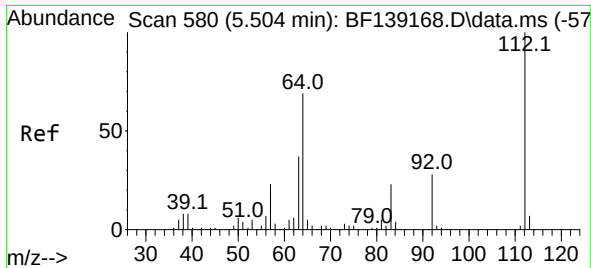
Ion Ratio Lower Upper

42 100

74 110.9 88.6 132.8

44 6.2 5.0 7.4

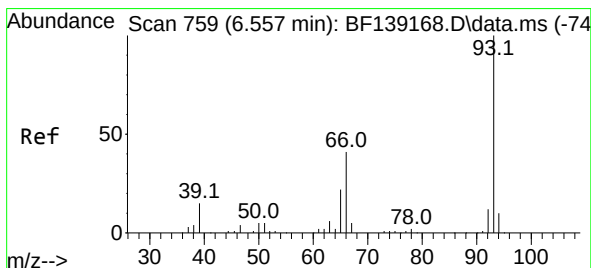
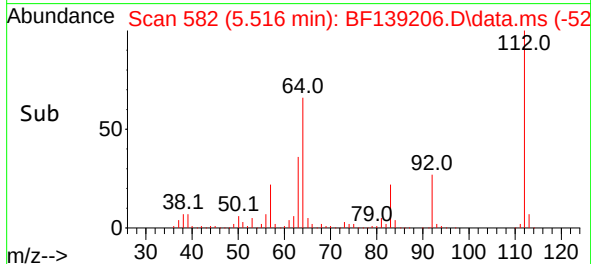
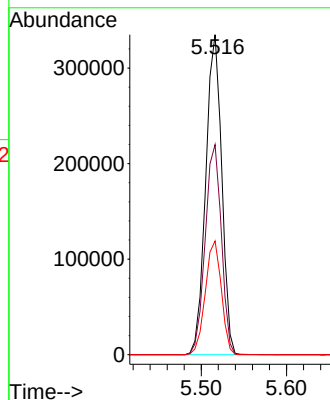
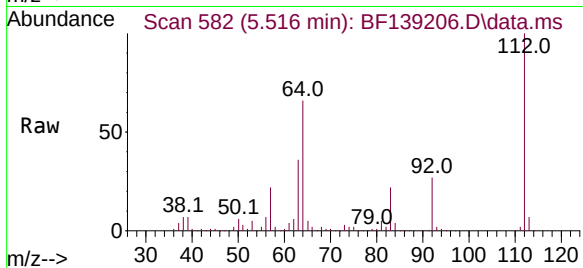




#5
2-Fluorophenol
Concen: 92.855 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

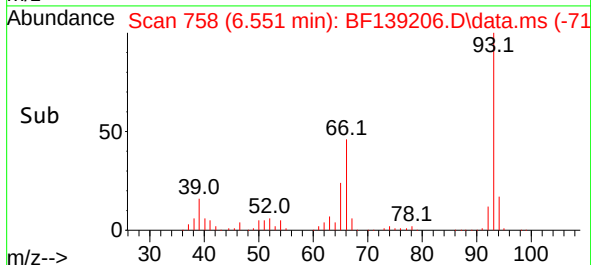
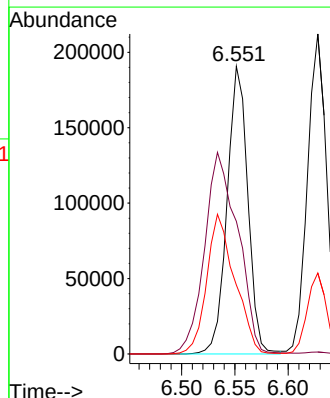
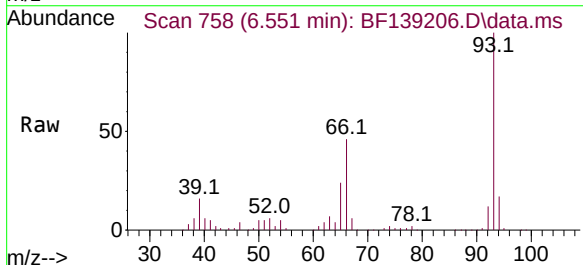
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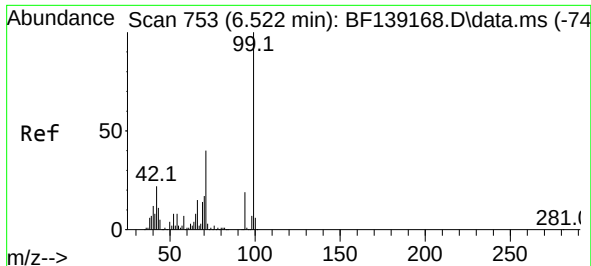
Tgt Ion:112 Resp: 436049
Ion Ratio Lower Upper
112 100
64 65.7 55.5 83.3
63 35.5 29.8 44.6



#6
Aniline
Concen: 42.731 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.036 min
Lab File: BF139206.D
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Tgt Ion: 93 Resp: 258157
Ion Ratio Lower Upper
93 100
66 46.1 35.0 52.4
65 24.0 17.2 25.8

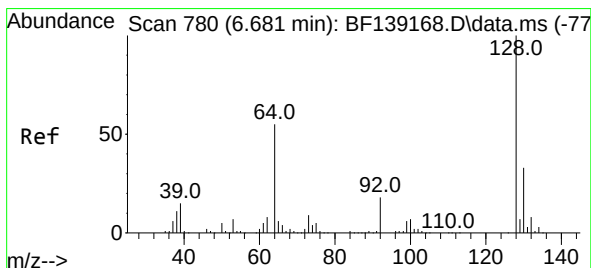
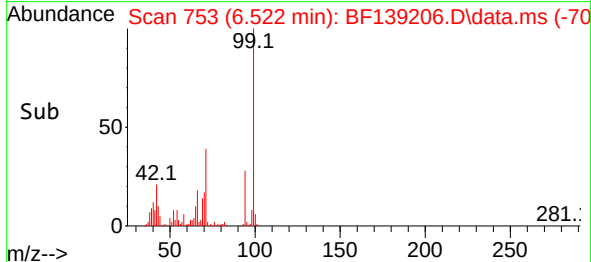
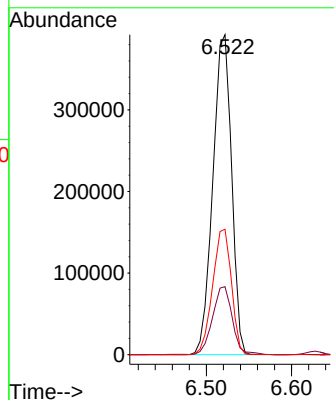
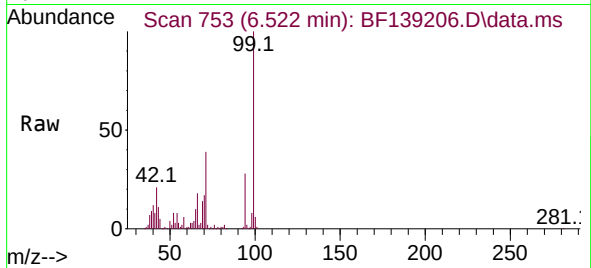




#7
Phenol-d6
Concen: 92.710 ng
RT: 6.522 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

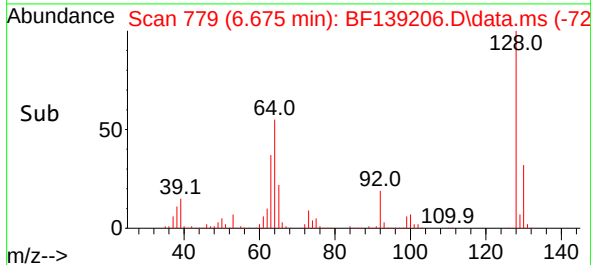
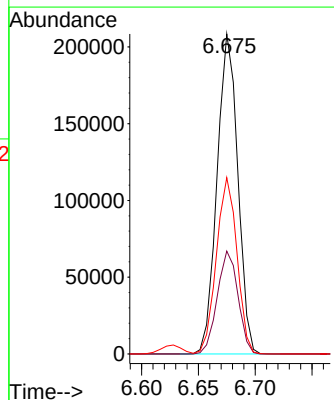
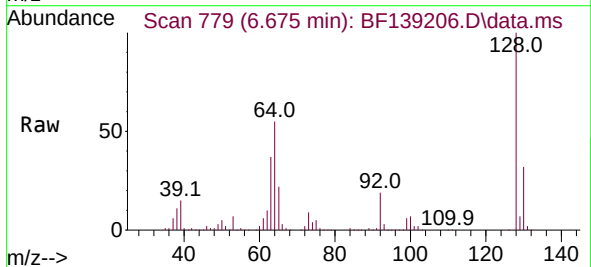
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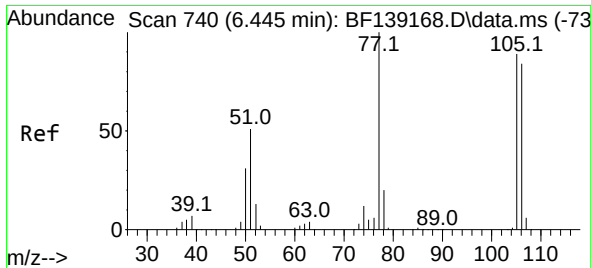
Tgt Ion: 99 Resp: 597502
Ion Ratio Lower Upper
99 100
42 21.3 17.9 26.9
71 39.2 31.7 47.5



#8
2-Chlorophenol
Concen: 59.292 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:128 Resp: 264536
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 55.1 37.3 77.3





#9

Benzaldehyde

Concen: 31.793 ng

RT: 6.440 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF139206.D

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BNA_F

ClientSampleId :

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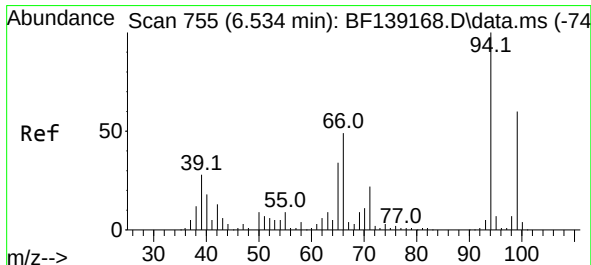
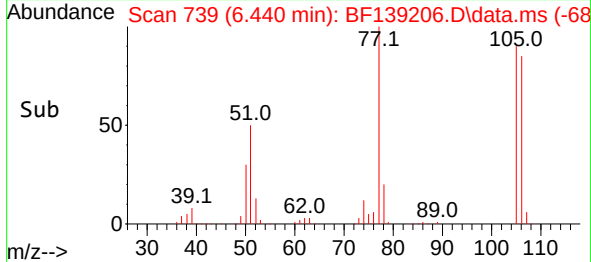
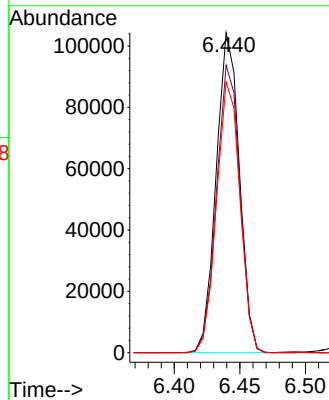
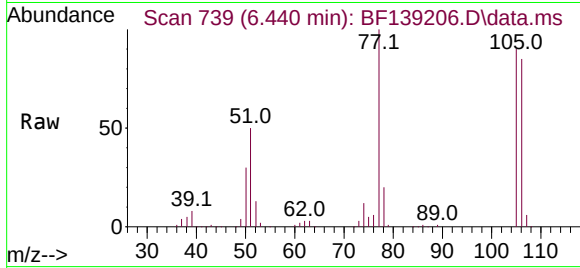
Tgt Ion: 77 Resp: 128248

Ion Ratio Lower Upper

77 100

105 89.8 68.7 108.7

106 84.6 64.2 104.2



#10

Phenol

Concen: 55.851 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.000 min

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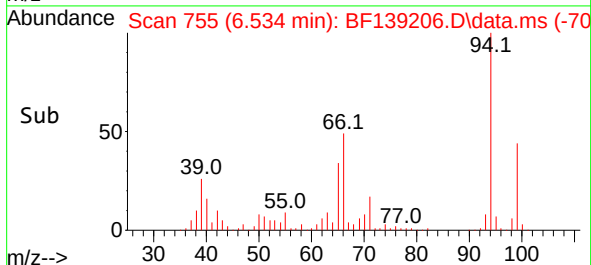
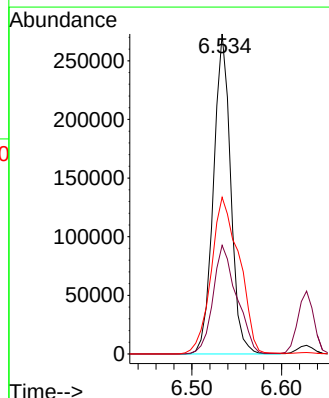
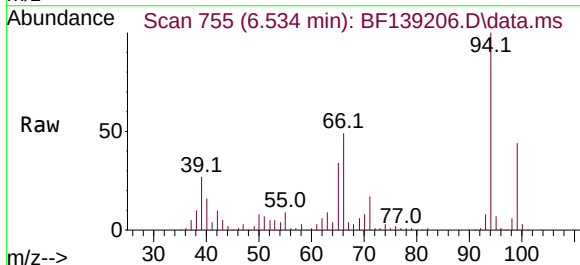
Tgt Ion: 94 Resp: 363274

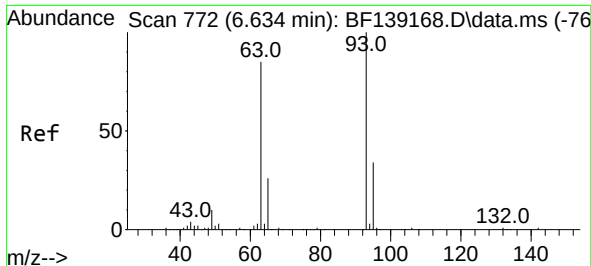
Ion Ratio Lower Upper

94 100

65 33.9 14.1 54.1

66 49.0 29.8 69.8

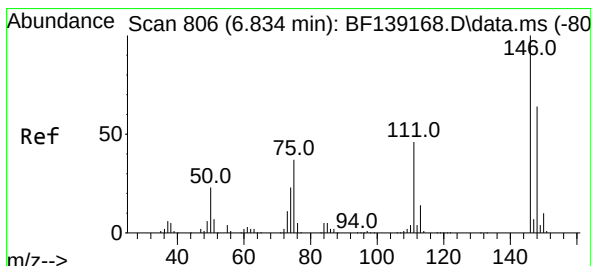
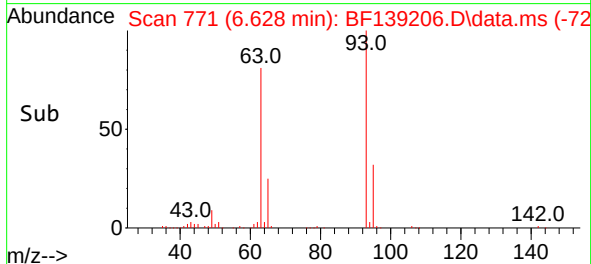
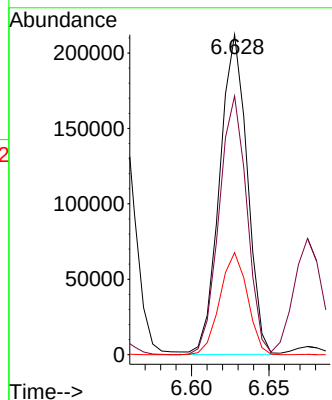
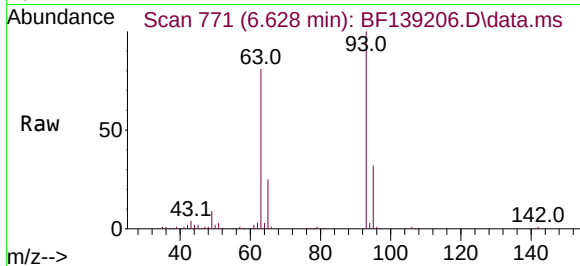




#11
bis(2-Chloroethyl)ether
Concen: 51.280 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

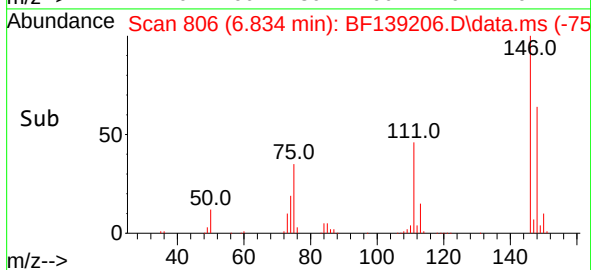
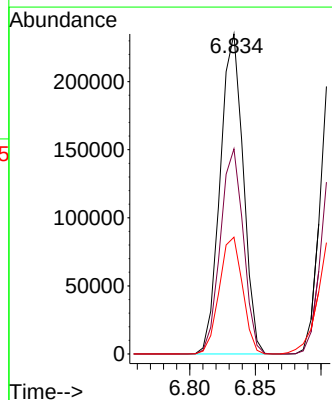
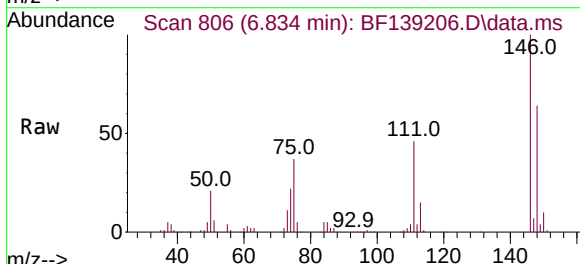
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

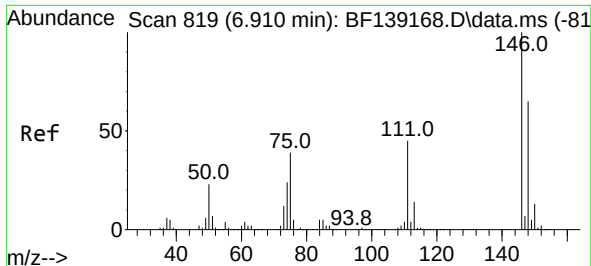
Tgt Ion: 93 Resp: 262800
Ion Ratio Lower Upper
93 100
63 80.9 62.4 102.4
95 31.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 48.718 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:146 Resp: 286634
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 36.5 29.9 44.9

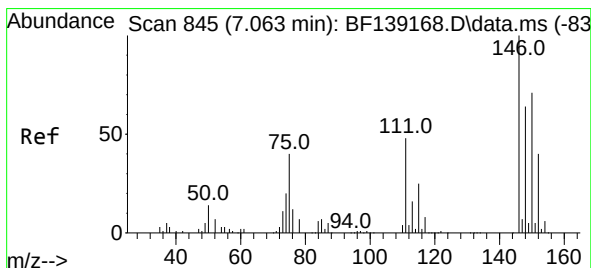
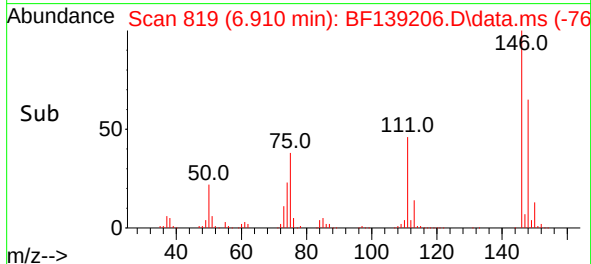
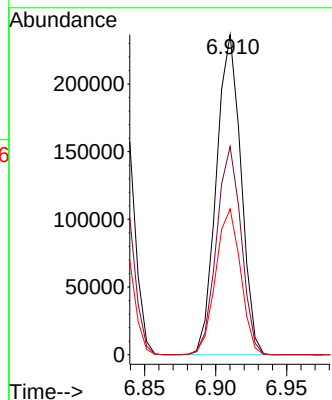
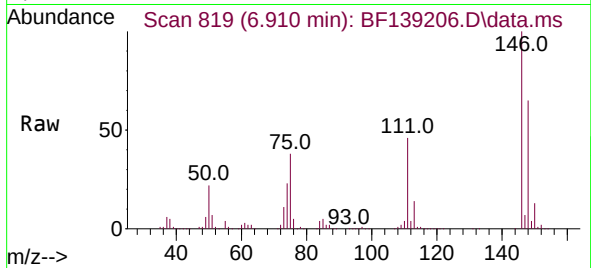




#13
1,4-Dichlorobenzene
Concen: 48.209 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

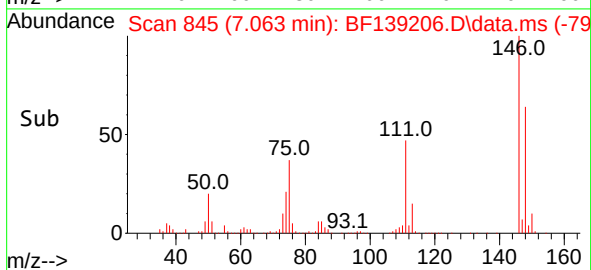
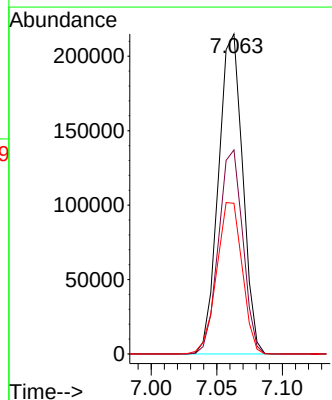
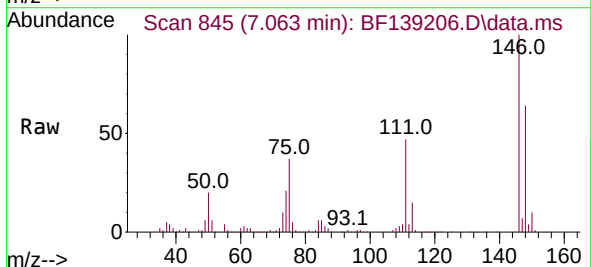
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

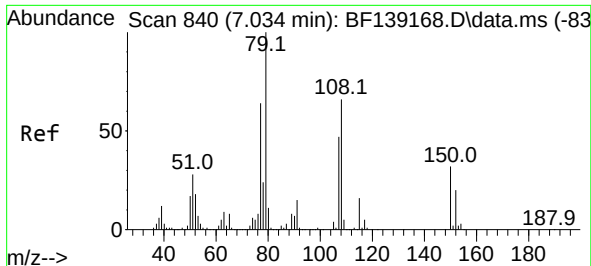
Tgt Ion:146 Resp: 284566
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
111 45.5 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 49.650 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:146 Resp: 275747
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 47.1 38.6 58.0

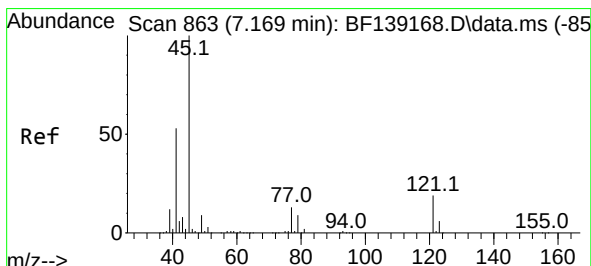
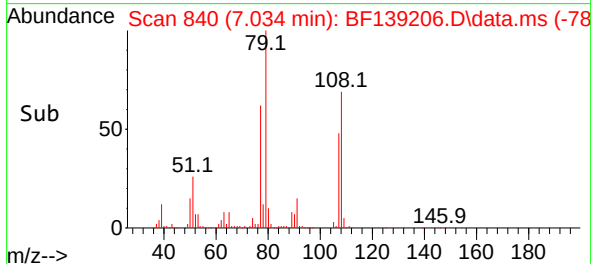
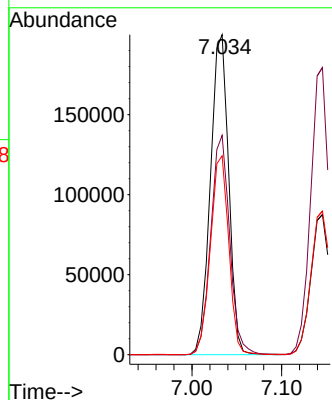
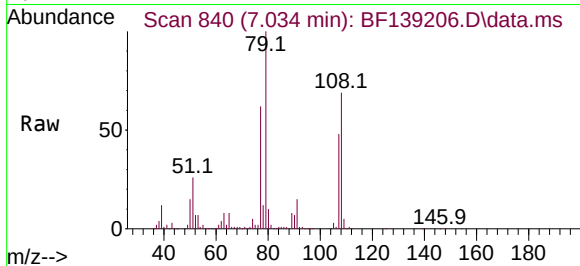




#15
Benzyl Alcohol
Concen: 58.139 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

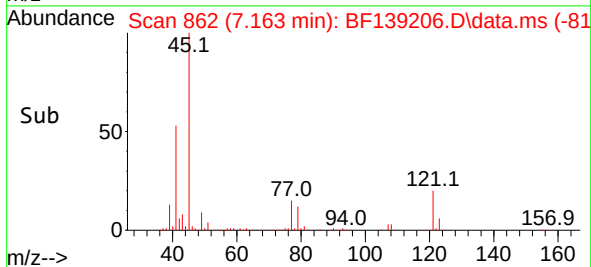
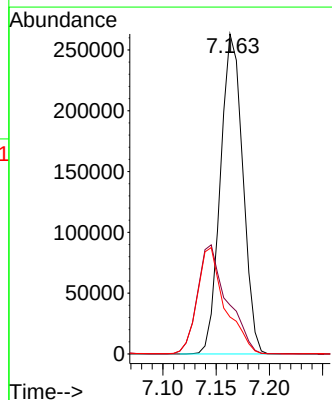
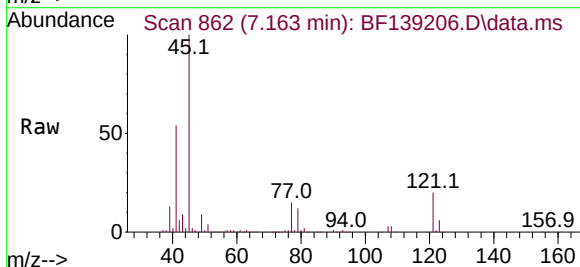
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

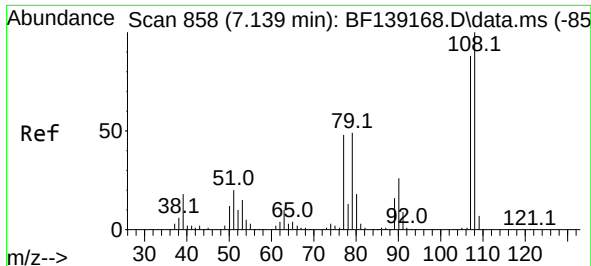
Tgt Ion: 79 Resp: 282428
Ion Ratio Lower Upper
79 100
108 68.5 52.7 79.1
77 62.2 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.699 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion: 45 Resp: 384083
Ion Ratio Lower Upper
45 100
77 15.3 0.0 33.9
79 11.6 0.0 30.5



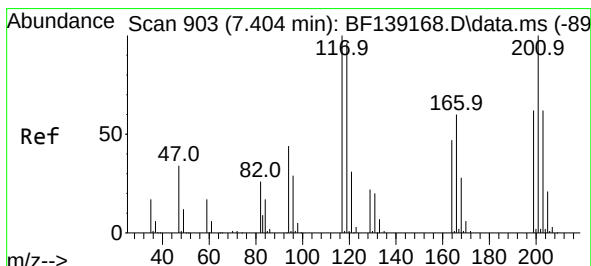
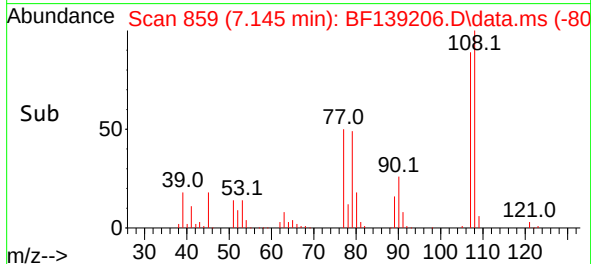
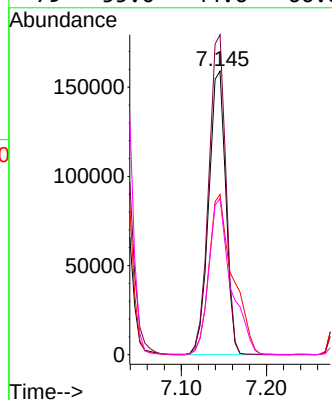
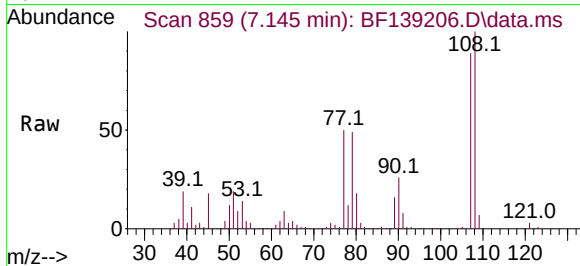


#17
2-Methylphenol
Concen: 54.597 ng
RT: 7.145 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

Tgt Ion:107 Resp: 222060

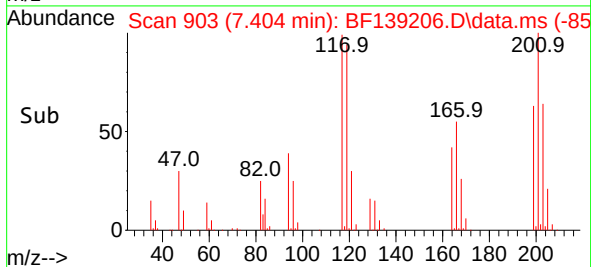
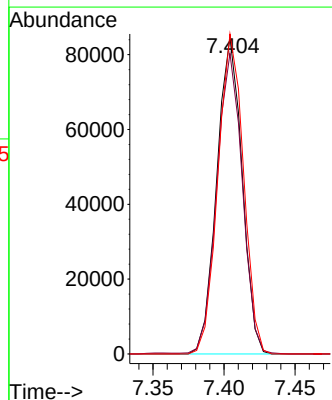
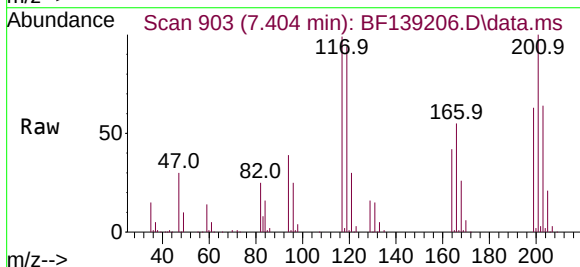
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.4	137.0
77	56.5	44.3	66.5
79	55.0	44.6	66.8

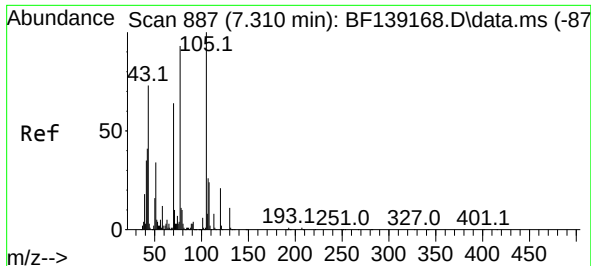


#18
Hexachloroethane
Concen: 55.909 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:117 Resp: 104413

Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.1	115.7
201	101.1	79.7	119.5

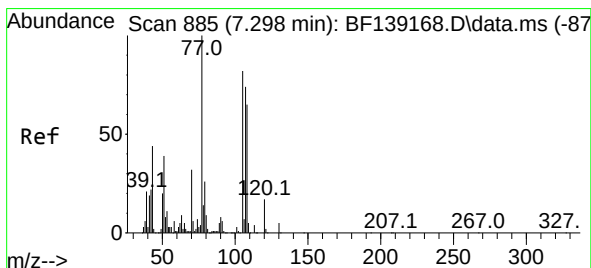
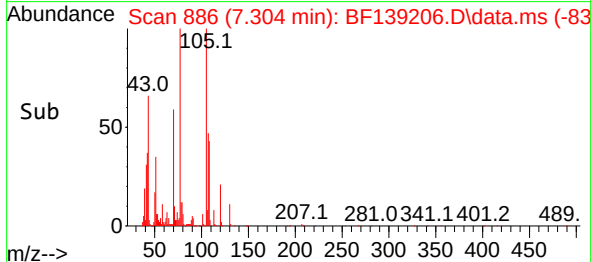
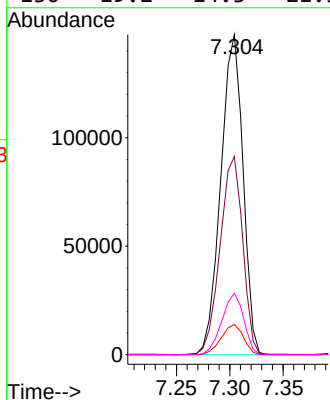
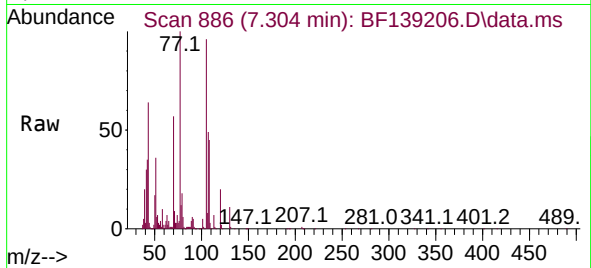




#19
n-Nitroso-di-n-propylamine
Concen: 55.539 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

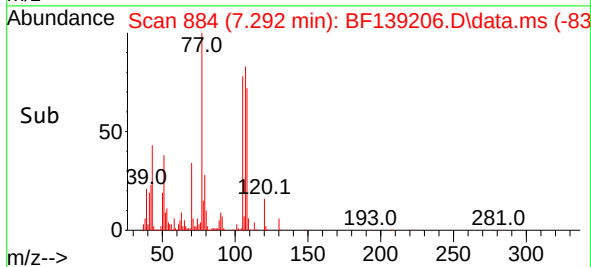
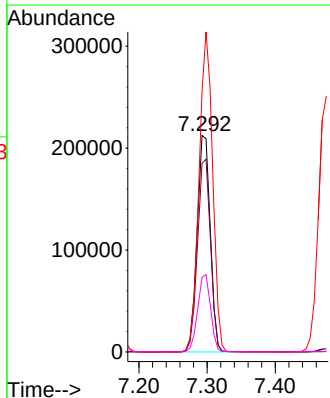
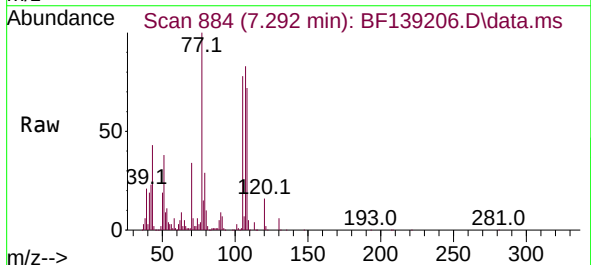
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

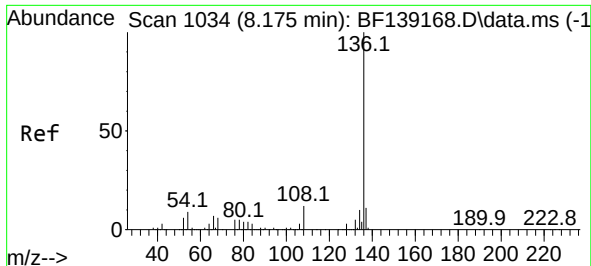
Tgt Ion: 70 Resp: 214086
Ion Ratio Lower Upper
70 100
42 61.9 50.8 76.2
101 9.5 7.4 11.0
130 19.2 14.3 21.5



#20
3+4-Methylphenols
Concen: 54.921 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion: 107 Resp: 284938
Ion Ratio Lower Upper
107 100
108 87.2 68.5 108.5
77 120.6 115.7 155.7
79 34.4 15.9 55.9

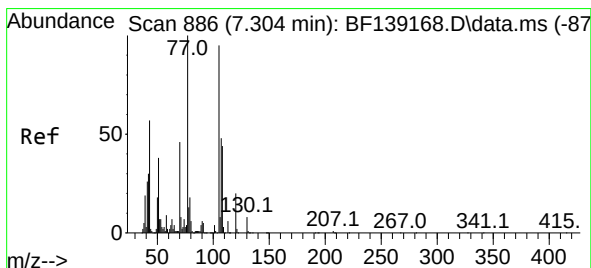
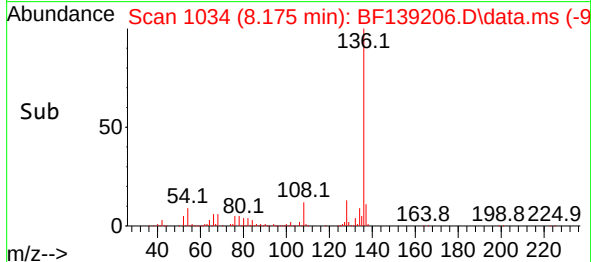
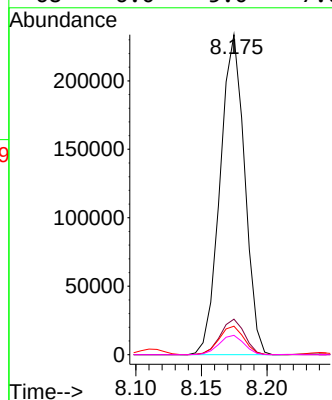
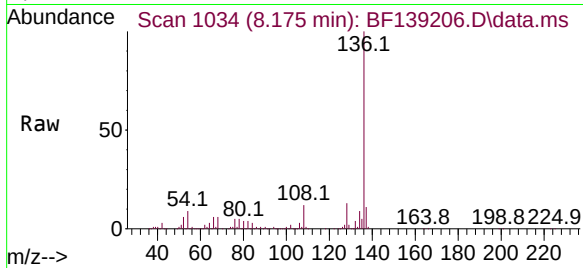




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

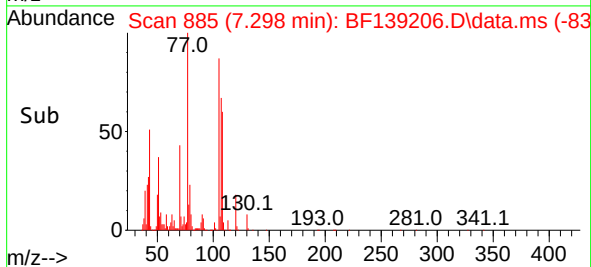
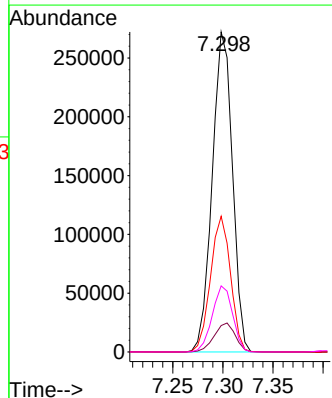
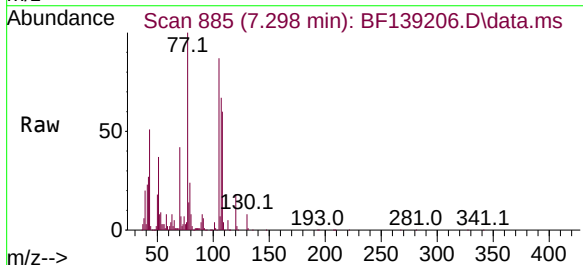
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

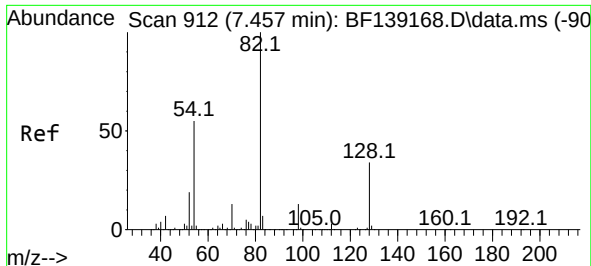
Tgt Ion:	136	Resp:	303711
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	12.8
54	8.9	7.6	11.4
68	6.0	5.0	7.6



#22
Acetophenone
Concen: 48.879 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:	105	Resp:	381435
Ion Ratio	Lower	Upper	
105	100		
71	8.3	6.5	9.7
51	42.4	31.8	47.6
120	20.6	16.9	25.3





#23

Nitrobenzene-d5

Concen: 77.973 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

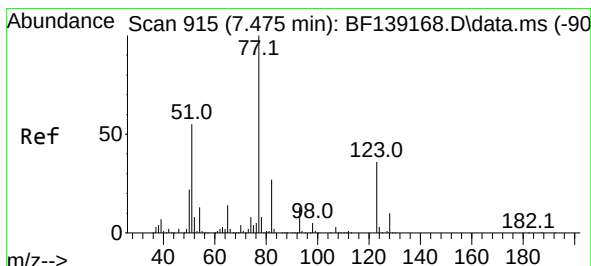
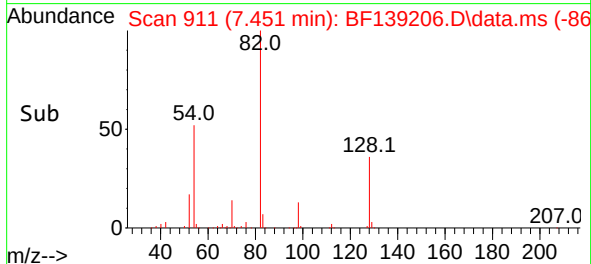
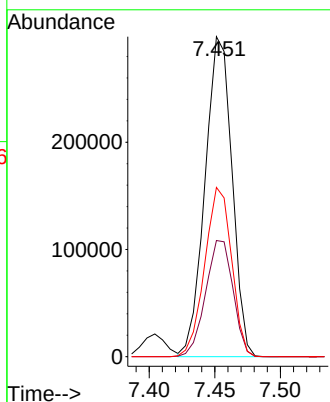
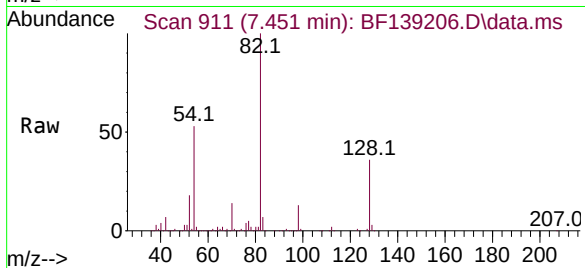
Tgt Ion: 82 Resp: 427456

Ion Ratio Lower Upper

82 100

128 36.3 27.1 40.7

54 52.9 44.2 66.4



#24

Nitrobenzene

Concen: 50.417 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

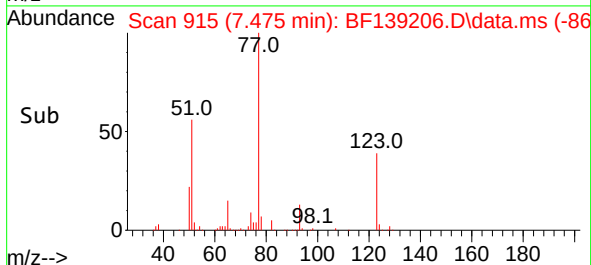
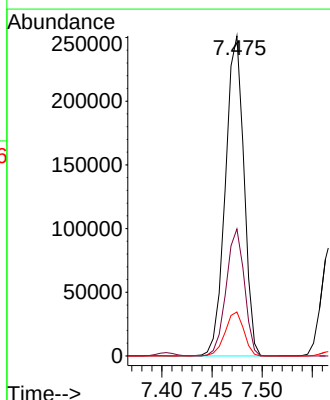
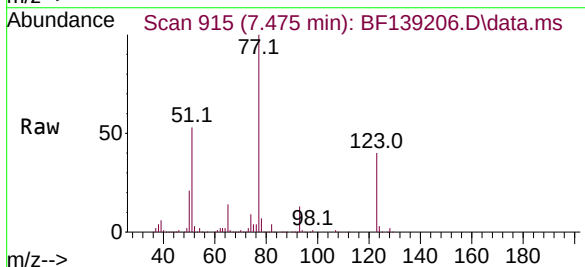
Tgt Ion: 77 Resp: 323156

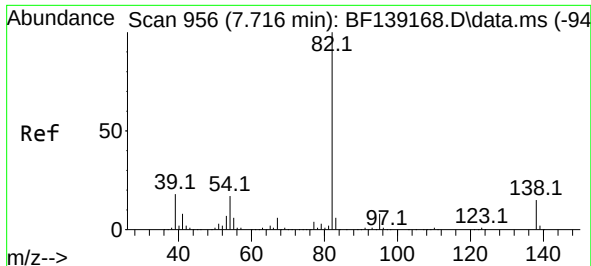
Ion Ratio Lower Upper

77 100

123 39.7 28.7 43.1

65 13.7 10.9 16.3

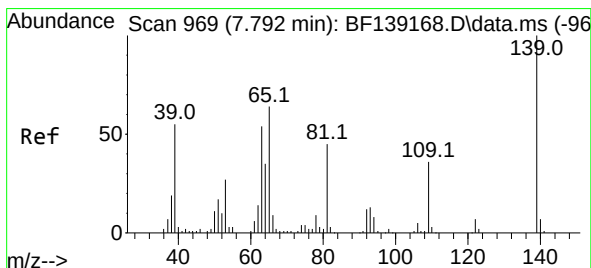
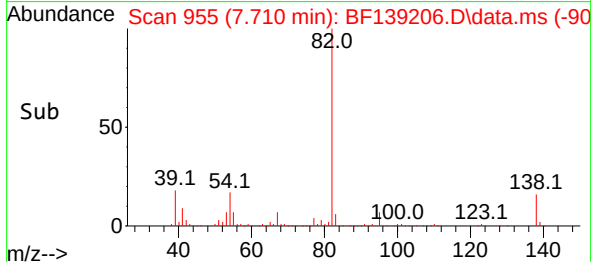
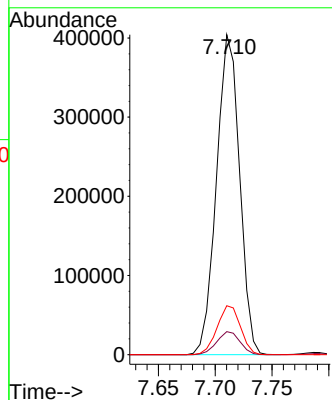
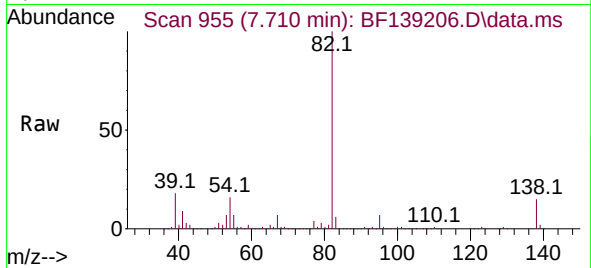




#25
Isophorone
Concen: 52.782 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

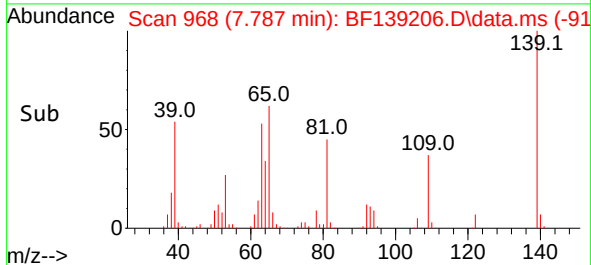
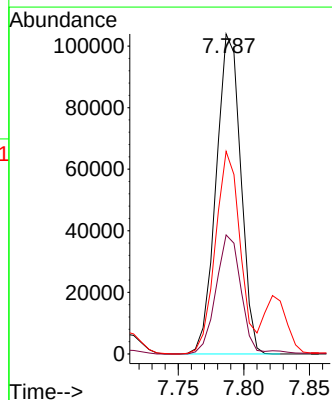
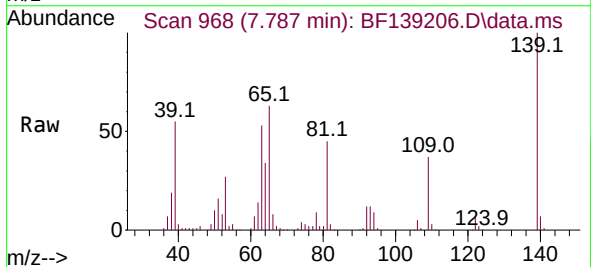
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

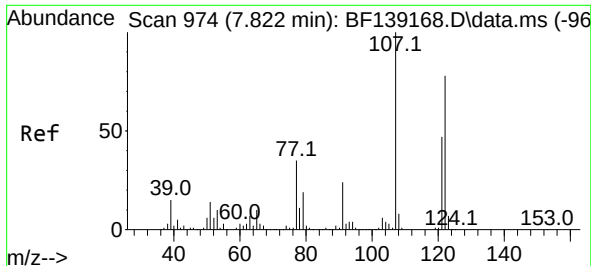
Tgt Ion: 82 Resp: 572217
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 15.3 12.2 18.4



#26
2-Nitrophenol
Concen: 64.011 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.005 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:139 Resp: 135593
Ion Ratio Lower Upper
139 100
109 37.2 28.9 43.3
65 63.3 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 66.601 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139206.D

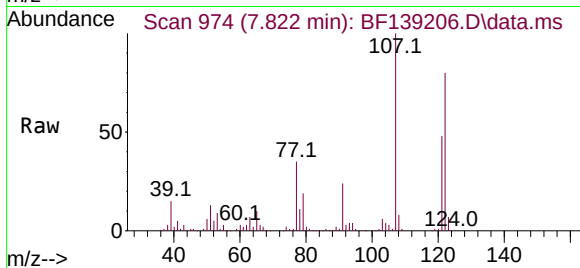
Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD



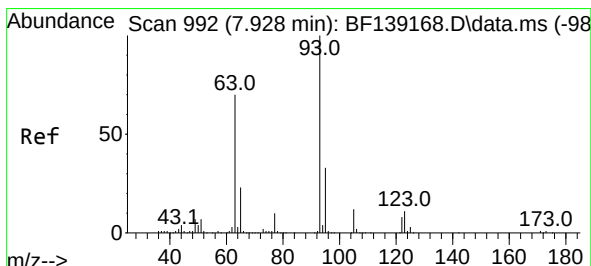
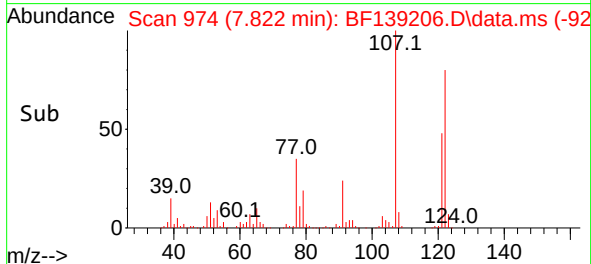
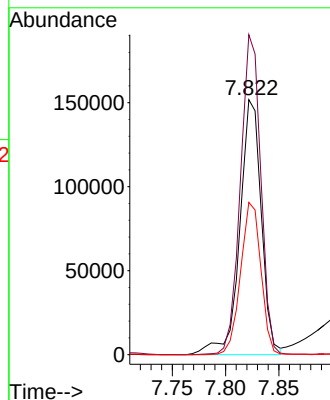
Tgt Ion:122 Resp: 214006

Ion Ratio Lower Upper

122 100

107 125.5 102.1 153.1

121 59.8 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 50.636 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

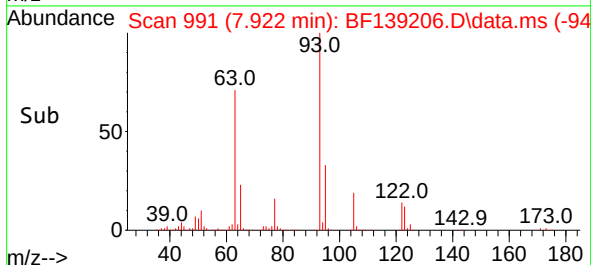
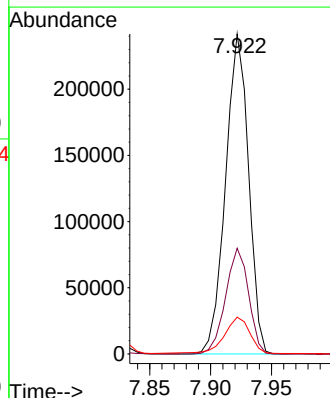
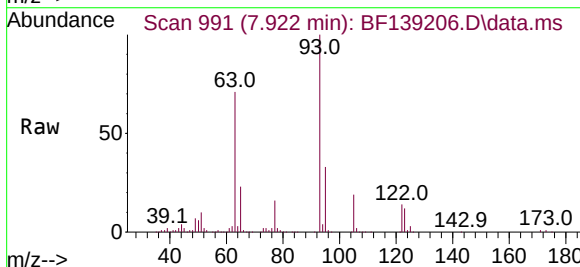
Tgt Ion: 93 Resp: 317823

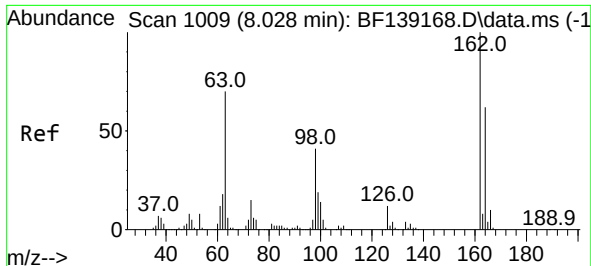
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 11.5 9.2 13.8

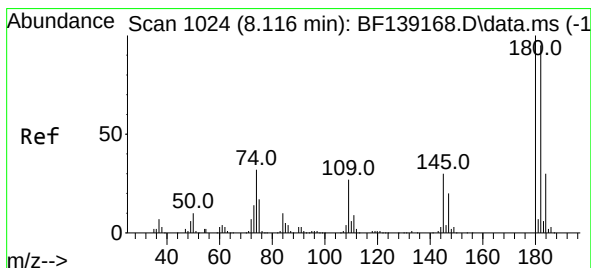
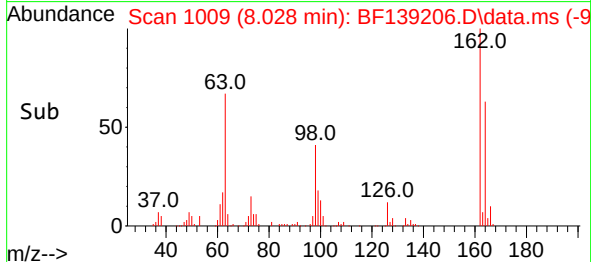
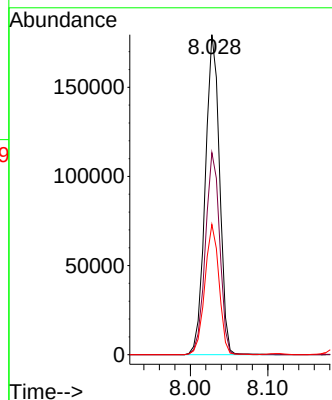
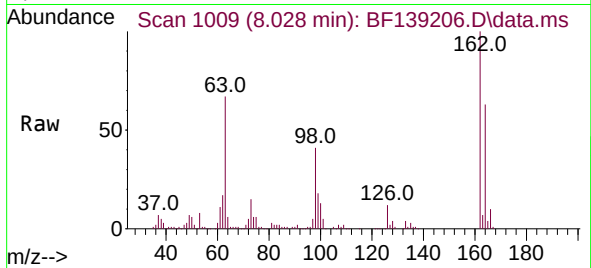




#29
2,4-Dichlorophenol
Concen: 58.098 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

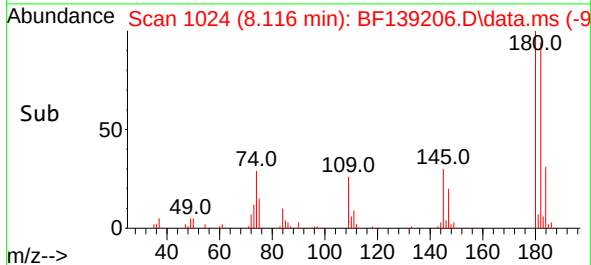
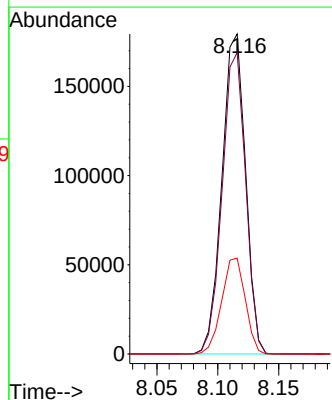
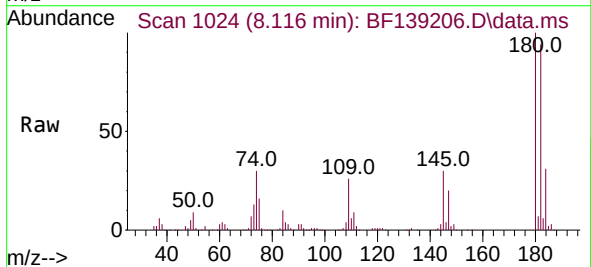
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

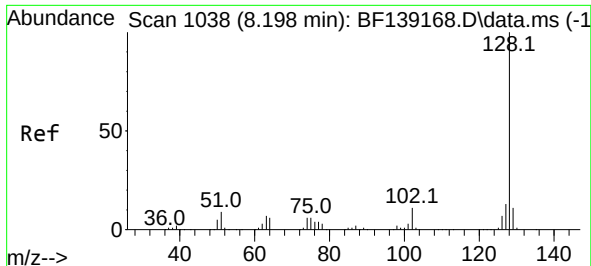
Tgt Ion:162 Resp: 230426
Ion Ratio Lower Upper
162 100
164 63.1 42.3 82.3
98 40.7 20.8 60.8



#30
1,2,4-Trichlorobenzene
Concen: 47.352 ng
RT: 8.116 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:180 Resp: 242189
Ion Ratio Lower Upper
180 100
182 94.2 76.2 114.2
145 30.0 23.6 35.4

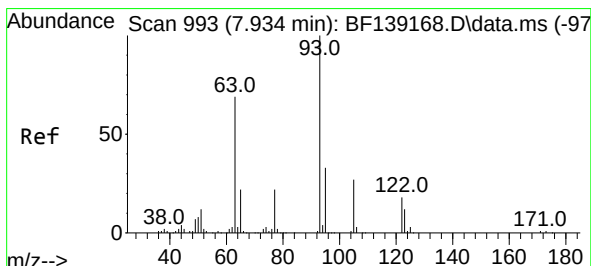
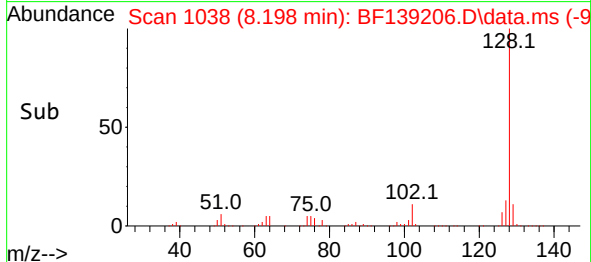
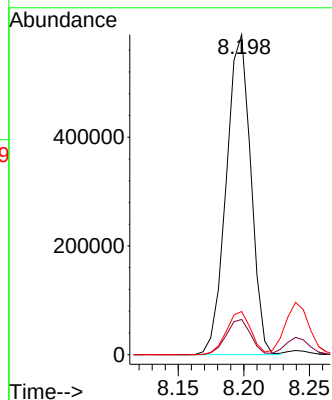
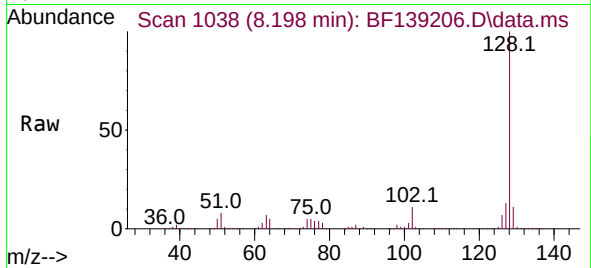




#31
Naphthalene
Concen: 49.277 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

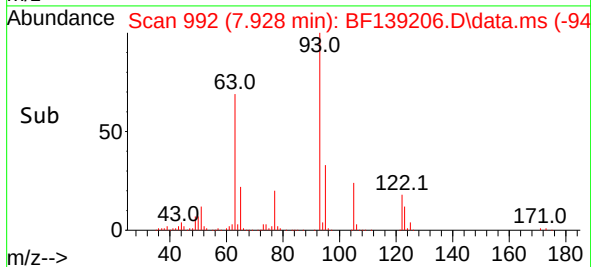
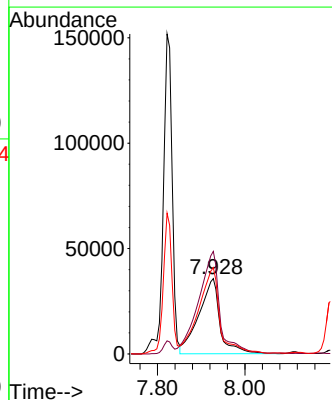
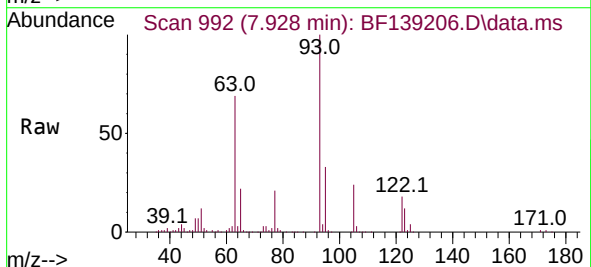
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

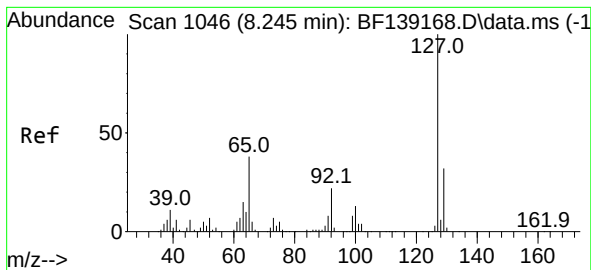
Tgt Ion:128 Resp: 765248
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 44.487 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:122 Resp: 119869
Ion Ratio Lower Upper
122 100
105 136.2 118.9 158.9
77 114.8 96.4 136.4





#33

4-Chloroaniline

Concen: 23.943 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

Tgt Ion:127 Resp: 128134

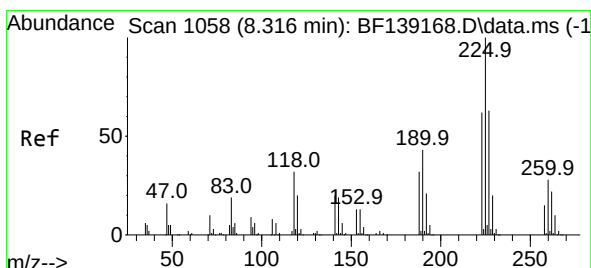
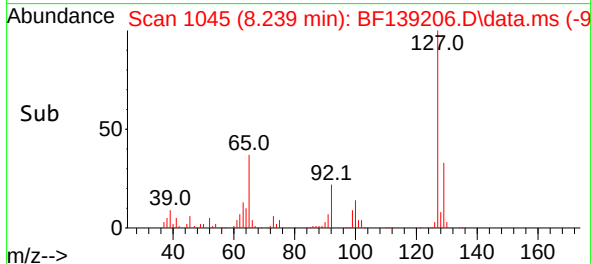
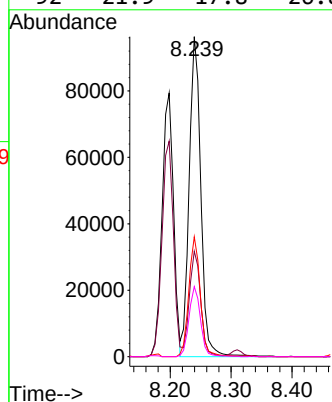
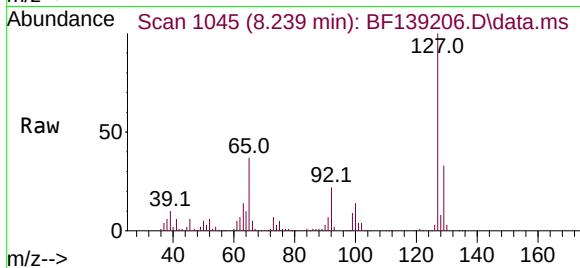
Ion Ratio Lower Upper

127 100

129 33.0 25.7 38.5

65 37.4 30.8 46.2

92 21.9 17.8 26.8



#34

Hexachlorobutadiene

Concen: 48.132 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

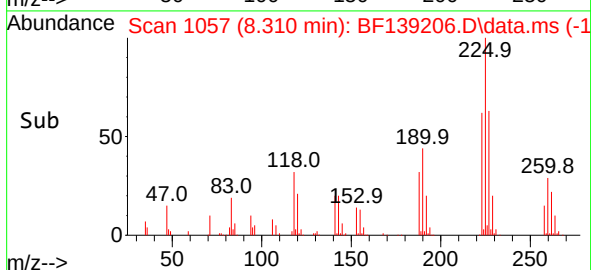
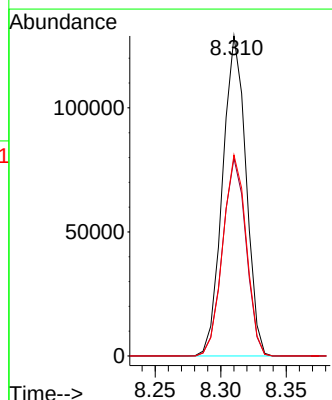
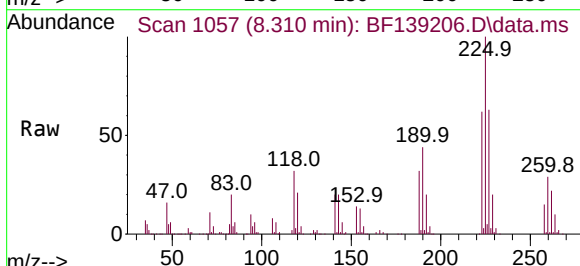
Tgt Ion:225 Resp: 159971

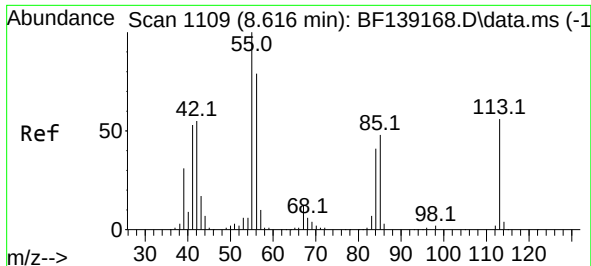
Ion Ratio Lower Upper

225 100

223 61.8 49.7 74.5

227 62.8 50.3 75.5

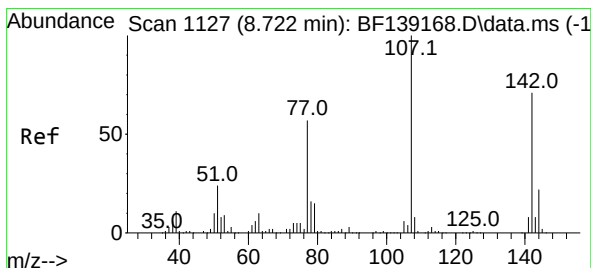
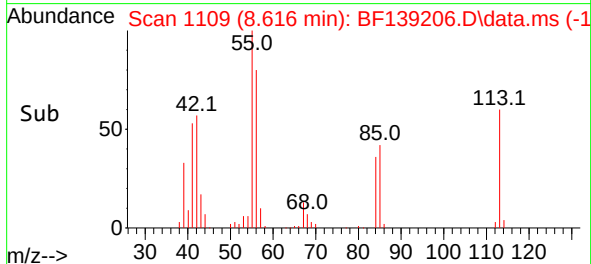
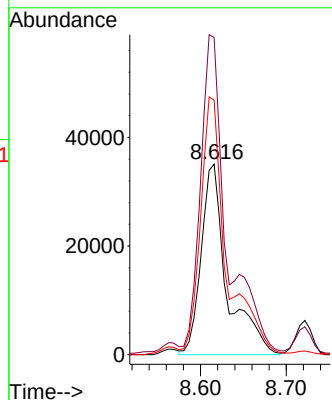
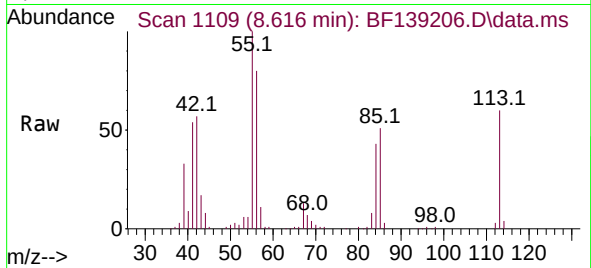




#35
 Caprolactam
 Concen: 60.591 ng m
 RT: 8.616 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF139206.D
 Acq: 28 Aug 2024 13:48

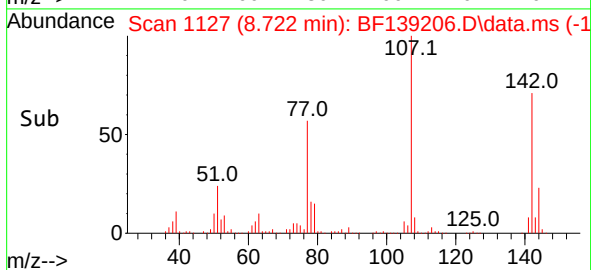
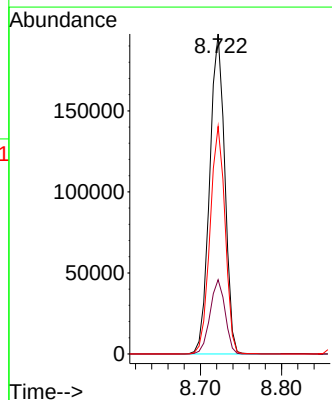
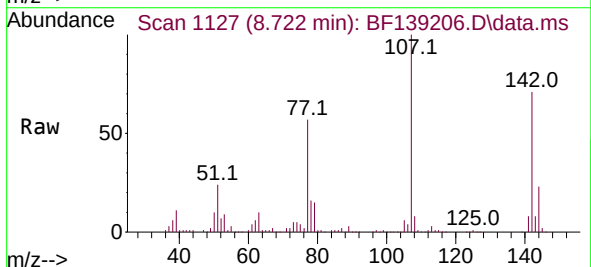
Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MSD

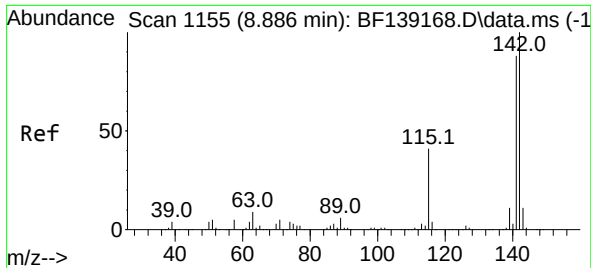
Tgt Ion:113 Resp: 73720
 Ion Ratio Lower Upper
 113 100
 55 166.5 158.0 198.0
 56 133.6 119.6 159.6



#36
 4-Chloro-3-methylphenol
 Concen: 56.079 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: BF139206.D
 Acq: 28 Aug 2024 13:48

Tgt Ion:107 Resp: 255084
 Ion Ratio Lower Upper
 107 100
 144 23.2 17.8 26.8
 142 71.1 56.6 84.8

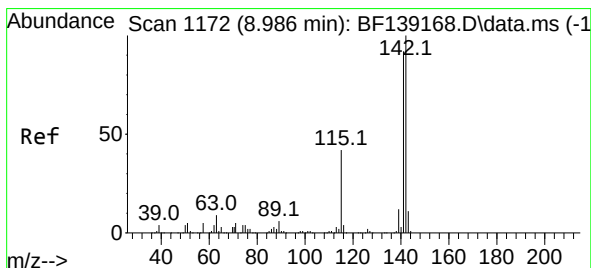
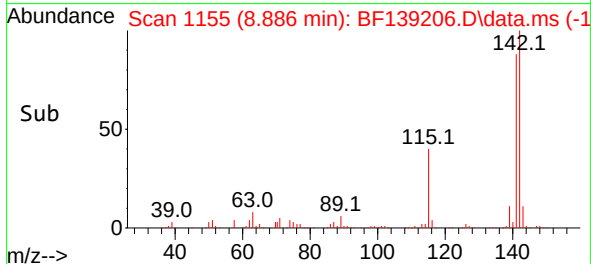
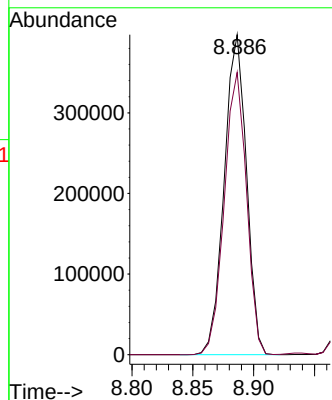
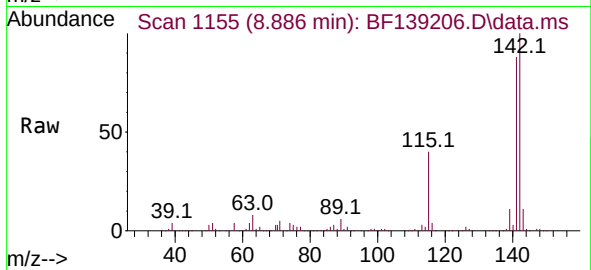




#37
2-Methylnaphthalene
Concen: 51.909 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

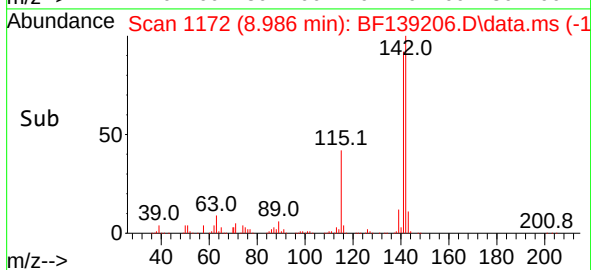
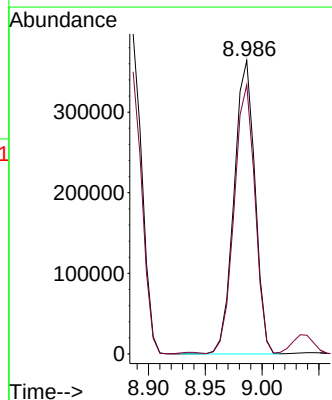
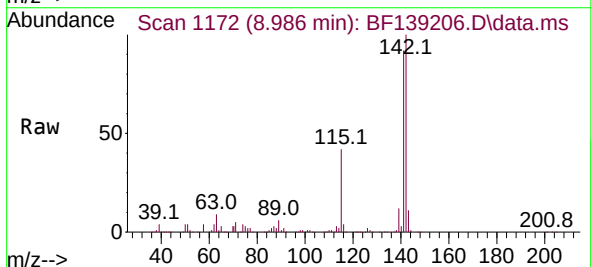
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

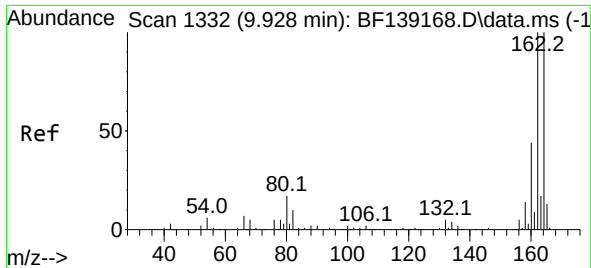
Tgt Ion:142 Resp: 505355
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.2



#38
1-Methylnaphthalene
Concen: 49.096 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:142 Resp: 467162
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2

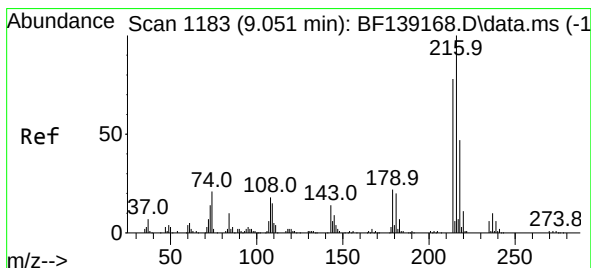
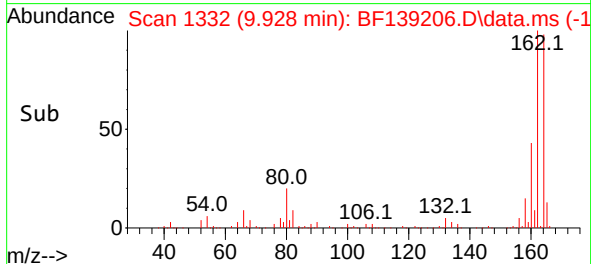
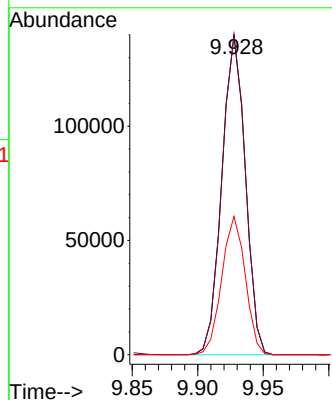
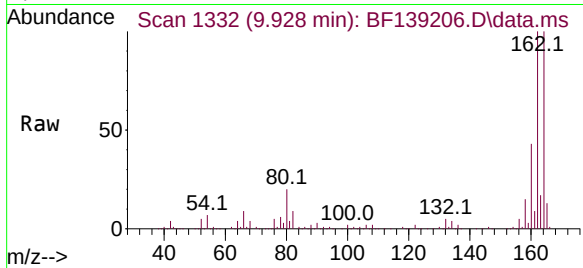




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

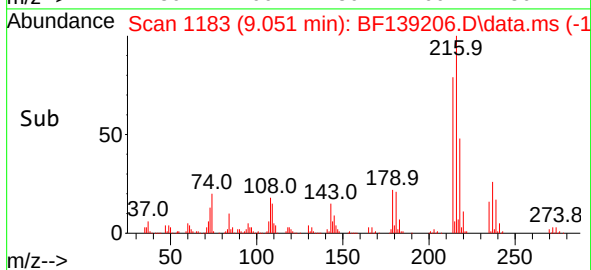
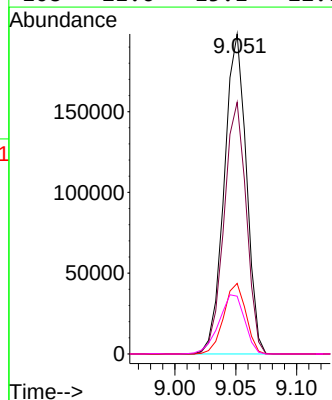
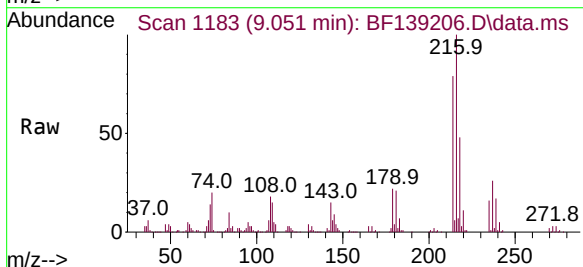
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

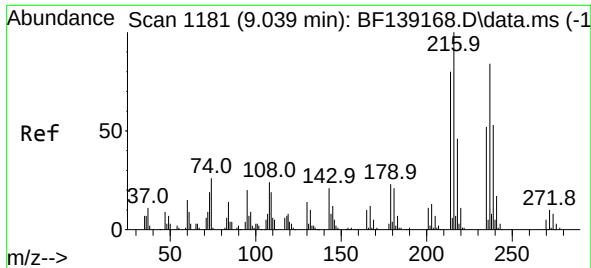
Tgt Ion:	164	Resp:	173500
Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.0	120.0
160	43.4	35.0	52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.569 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

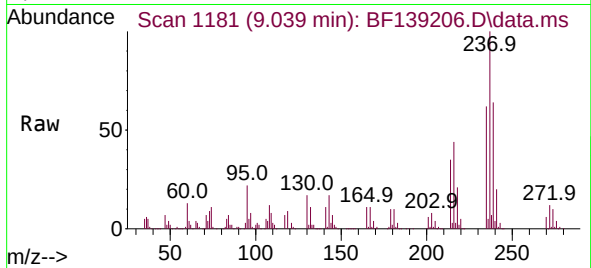
Tgt Ion:	216	Resp:	249945
Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.5	93.7
179	22.1	17.5	26.3
108	21.6	15.1	22.7



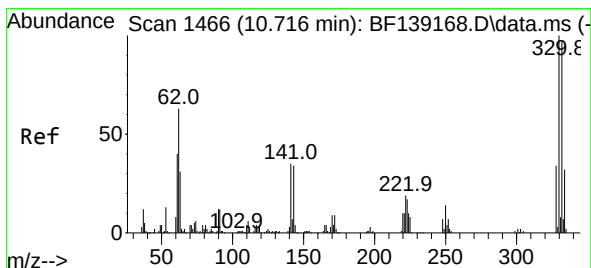
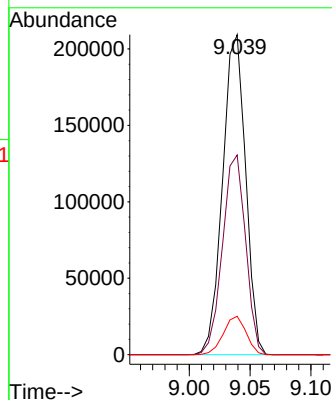
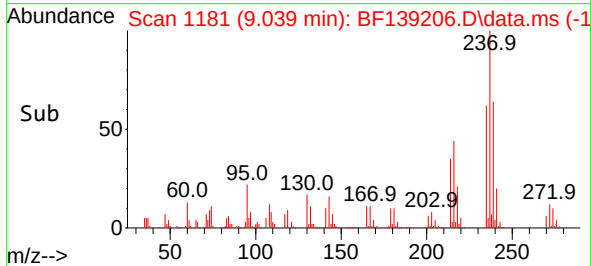


#41
Hexachlorocyclopentadiene
Concen: 166.748 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

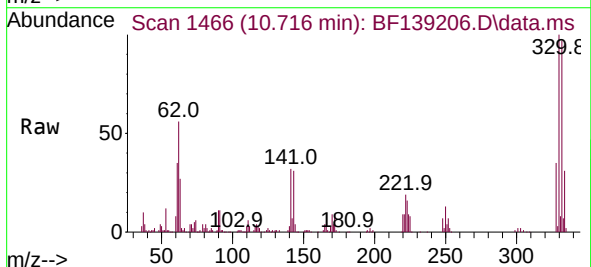
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



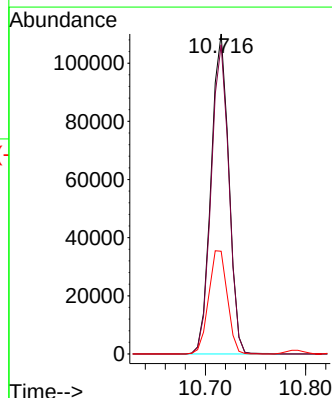
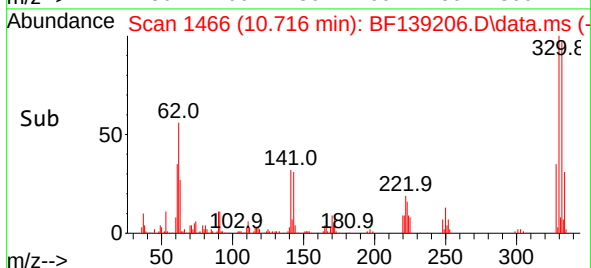
Tgt Ion:237 Resp: 275547
Ion Ratio Lower Upper
237 100
235 62.4 42.1 82.1
272 12.0 0.0 32.2

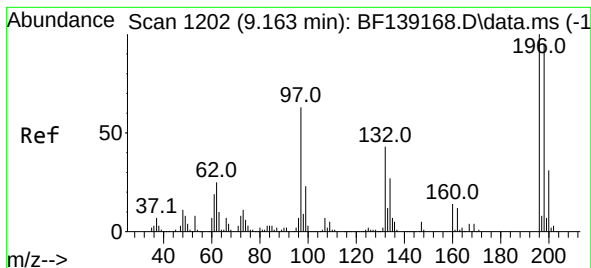


#42
2,4,6-Tribromophenol
Concen: 90.877 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48



Tgt Ion:330 Resp: 135038
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 33.9 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 60.919 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

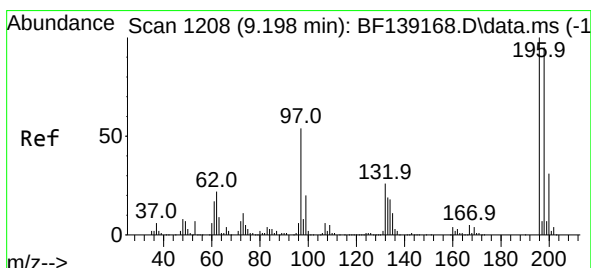
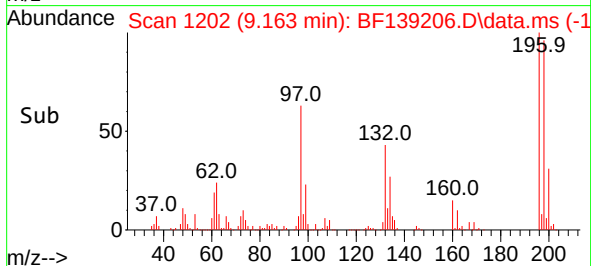
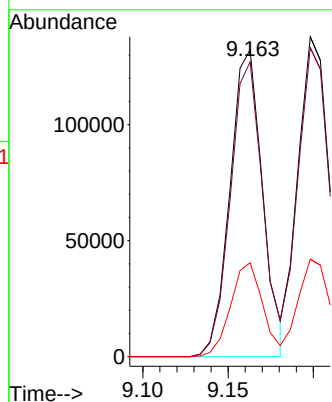
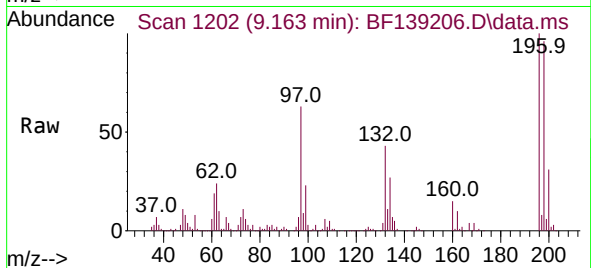
Tgt Ion:196 Resp: 175294

Ion Ratio Lower Upper

196 100

198 96.0 75.8 113.8

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 57.755 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Tgt Ion:196 Resp: 174199

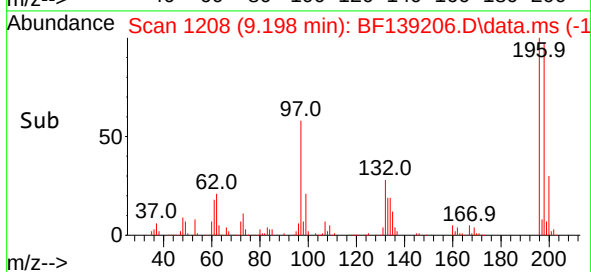
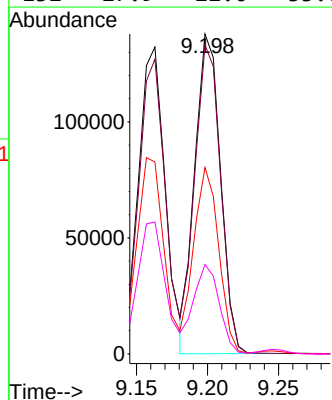
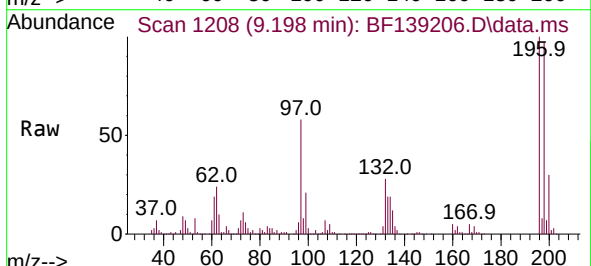
Ion Ratio Lower Upper

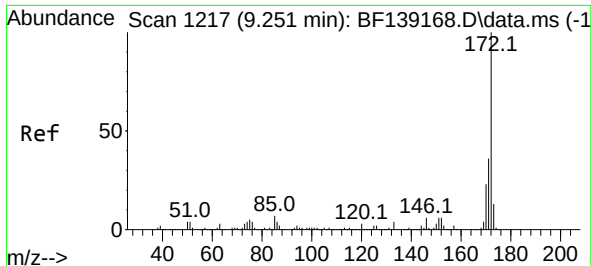
196 100

198 96.6 75.7 113.5

97 58.2 44.9 67.3

132 27.9 22.0 33.0

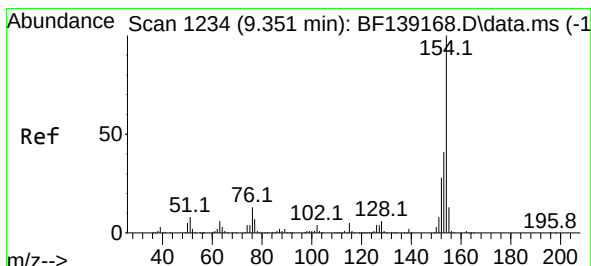
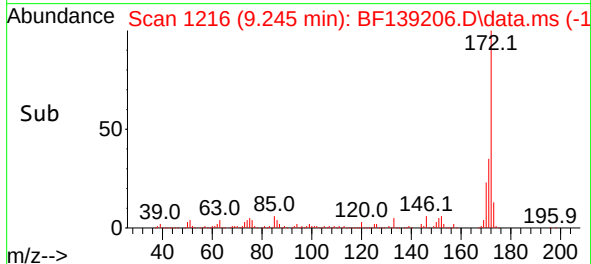
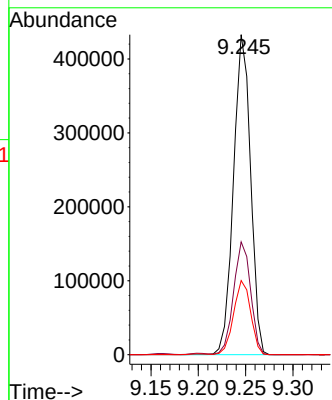
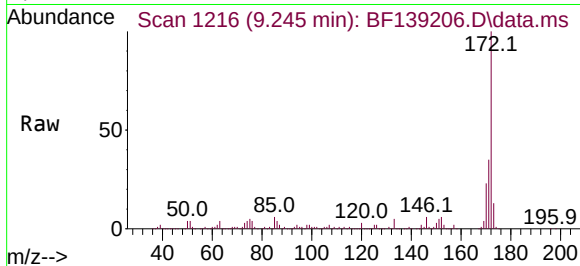




#45
2-Fluorobiphenyl
Concen: 48.608 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

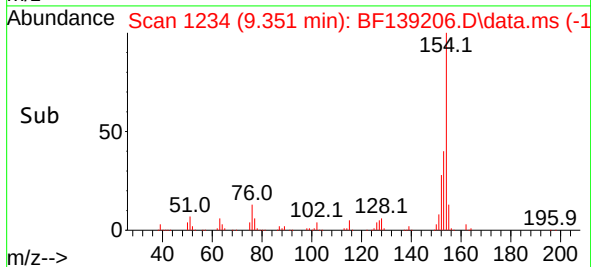
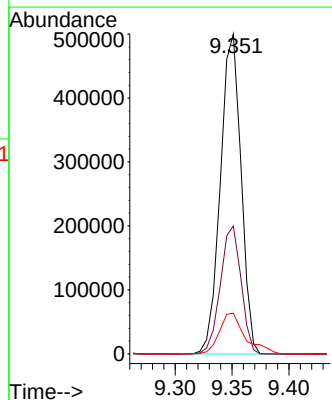
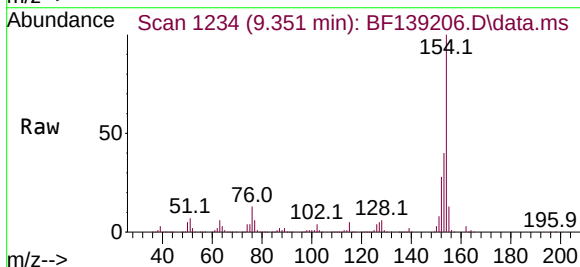
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

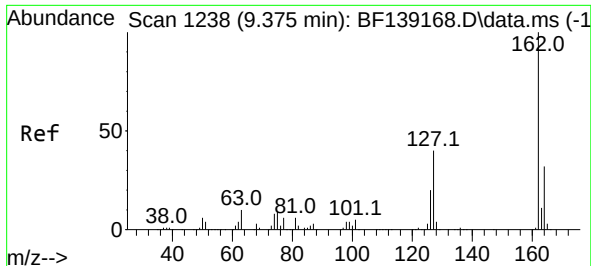
Tgt Ion:172 Resp: 542925
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.2 18.8 28.2



#46
1,1'-Biphenyl
Concen: 50.414 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:154 Resp: 633112
Ion Ratio Lower Upper
154 100
153 40.0 20.7 60.7
76 12.7 0.0 33.4

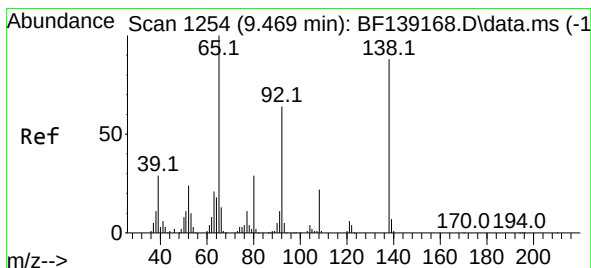
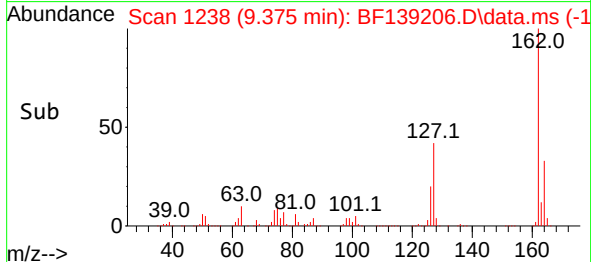
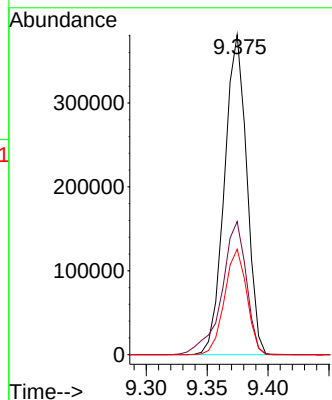
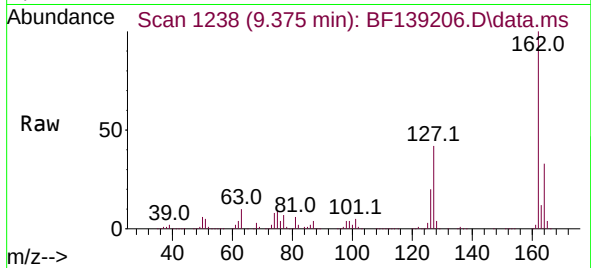




#47
2-Chloronaphthalene
Concen: 48.461 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

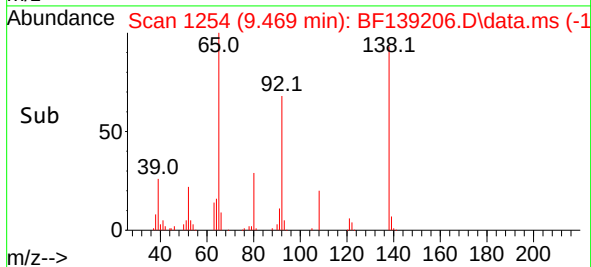
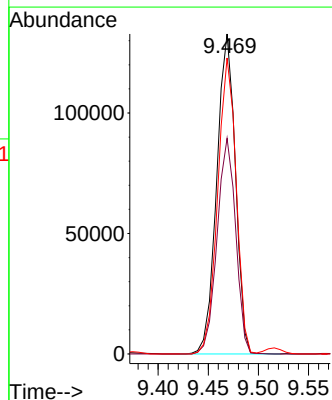
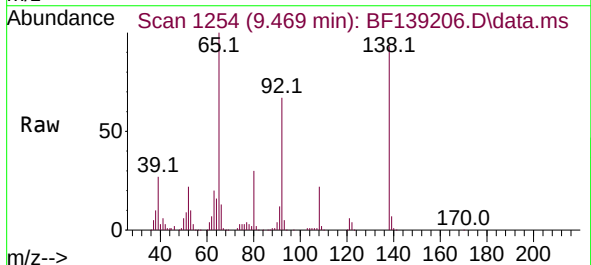
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

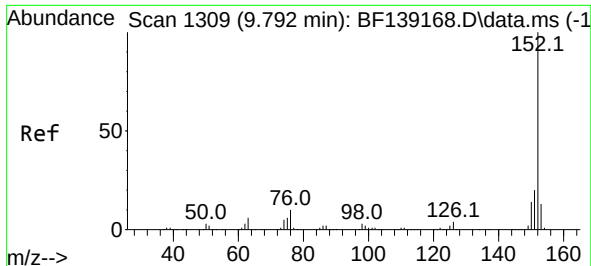
Tgt Ion:162 Resp: 485530
Ion Ratio Lower Upper
162 100
127 41.6 32.4 48.6
164 32.9 25.9 38.9



#48
2-Nitroaniline
Concen: 56.950 ng
RT: 9.469 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion: 65 Resp: 171577
Ion Ratio Lower Upper
65 100
92 67.4 51.2 76.8
138 92.5 70.0 105.0

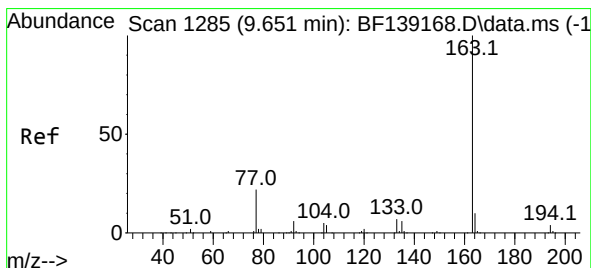
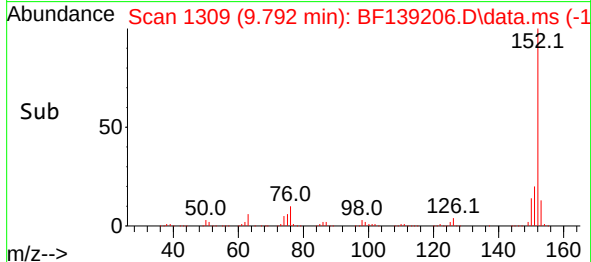
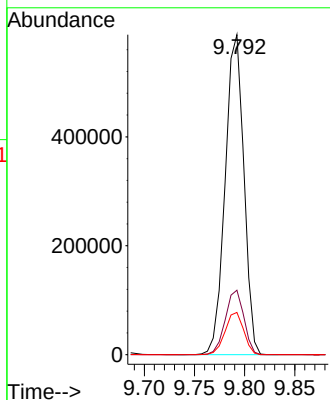
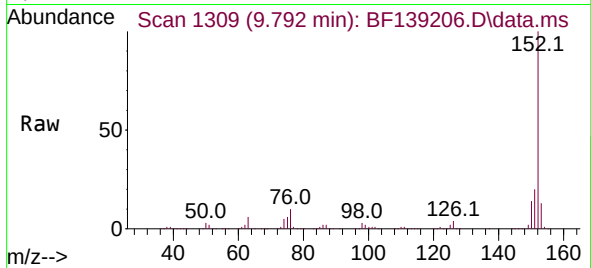




#49
Acenaphthylene
Concen: 53.905 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

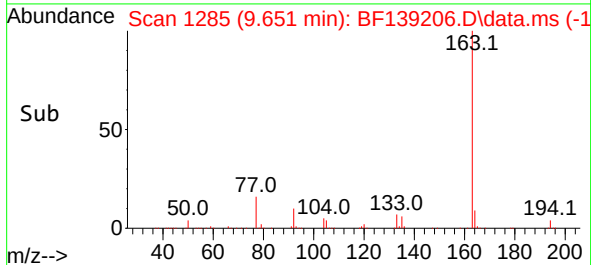
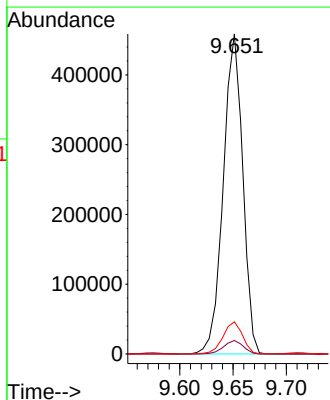
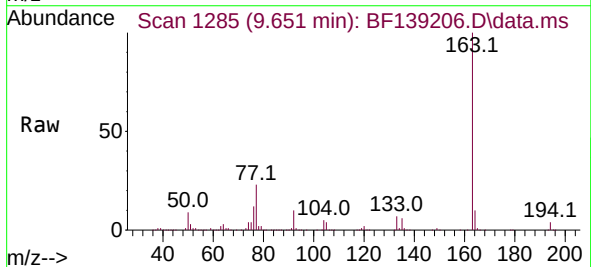
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

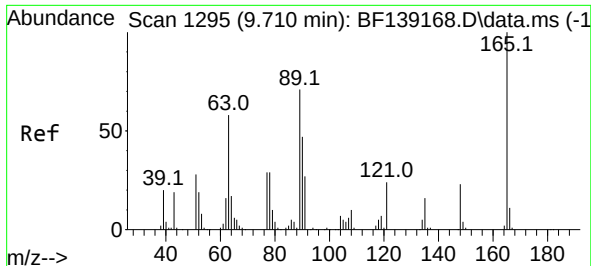
Tgt Ion:152 Resp: 760986
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 58.118 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:163 Resp: 582489
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 57.366 ng

RT: 9.710 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

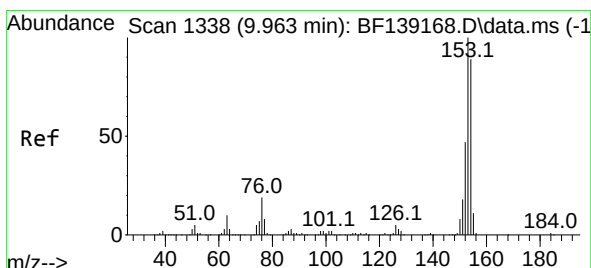
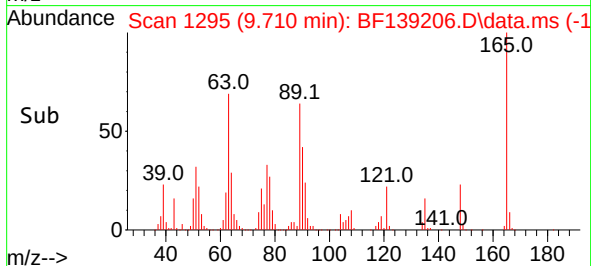
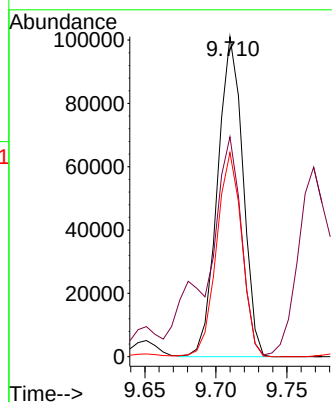
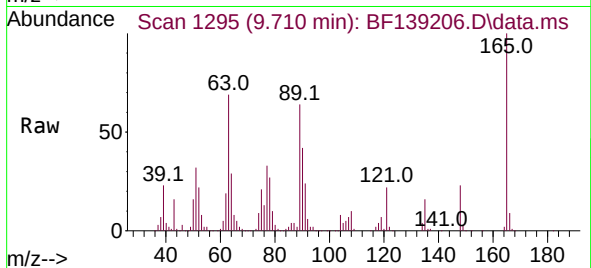
Tgt Ion:165 Resp: 125498

Ion Ratio Lower Upper

165 100

63 68.7 60.1 90.1

89 63.8 57.0 85.6



#52

Acenaphthene

Concen: 55.233 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

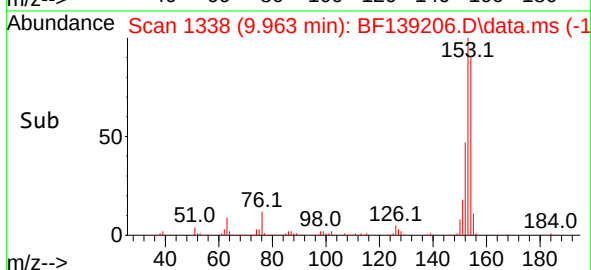
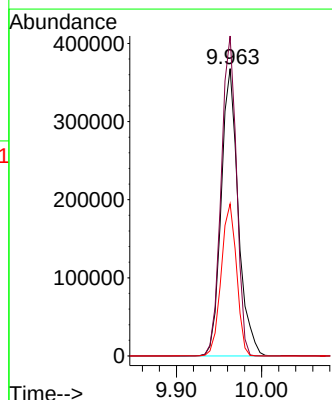
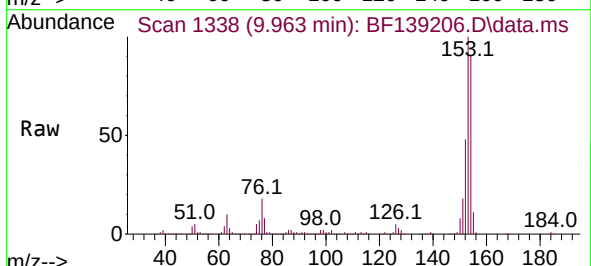
Tgt Ion:154 Resp: 512223

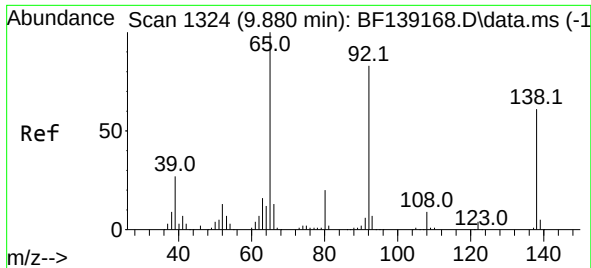
Ion Ratio Lower Upper

154 100

153 111.4 90.0 135.0

152 53.0 42.4 63.6

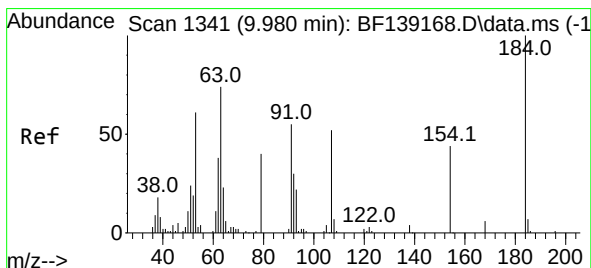
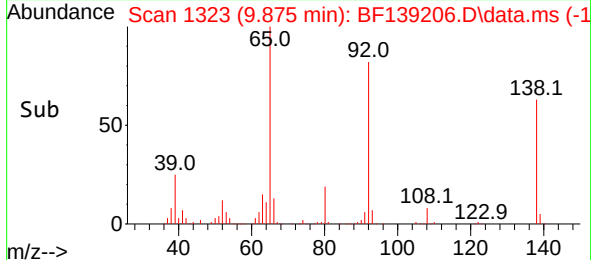
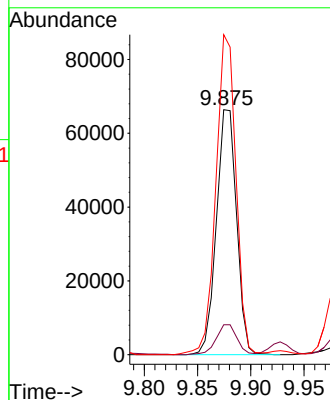
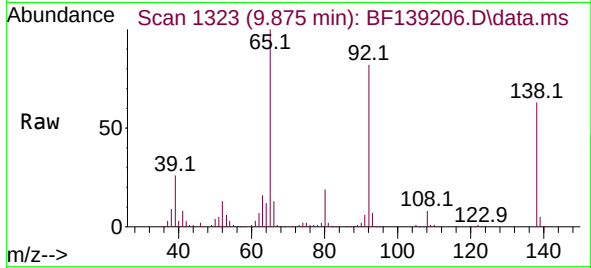




#53
3-Nitroaniline
Concen: 40.632 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

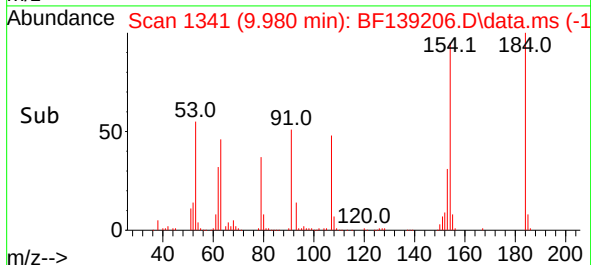
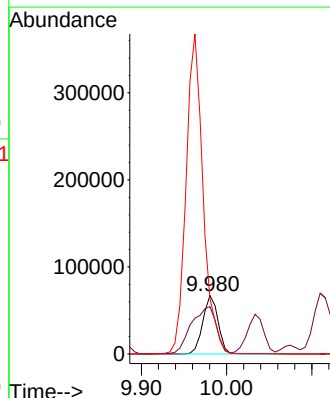
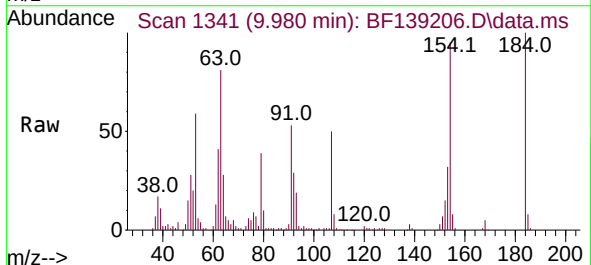
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

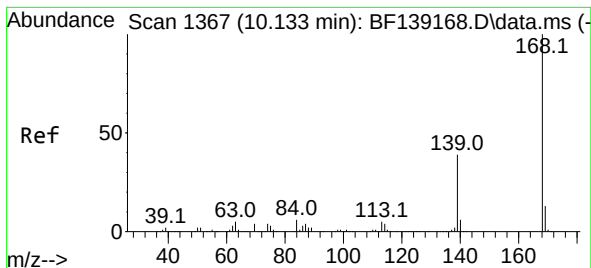
Tgt Ion:138 Resp: 87244
Ion Ratio Lower Upper
138 100
108 12.2 11.8 17.6
92 130.7 108.2 162.2



#54
2,4-Dinitrophenol
Concen: 81.234 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:184 Resp: 83450
Ion Ratio Lower Upper
184 100
63 81.0 72.1 108.1
154 94.9 135.3 202.9#





#55

Dibenzenofuran

Concen: 51.325 ng

RT: 10.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

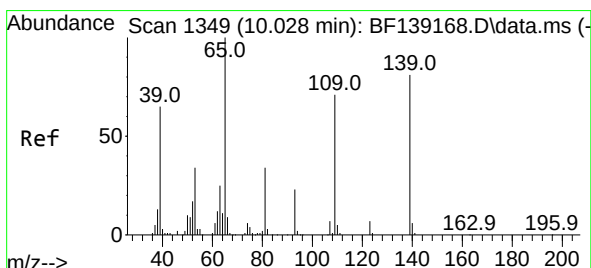
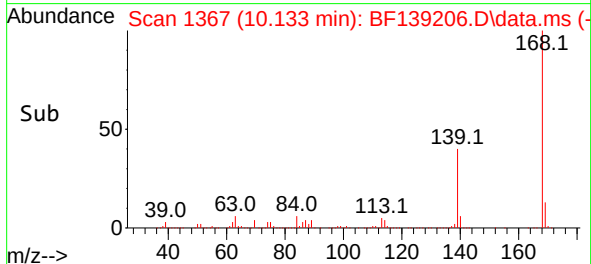
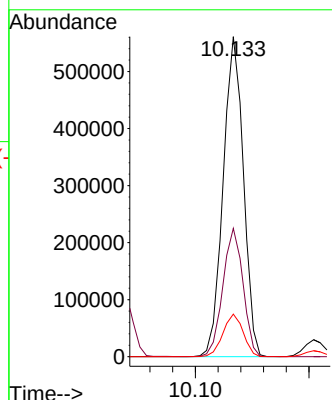
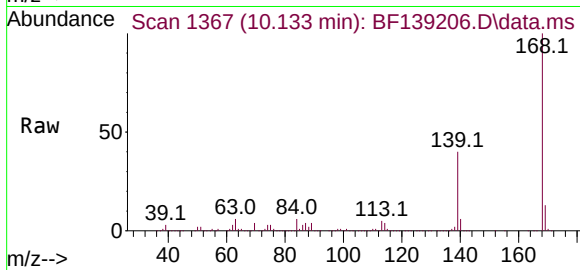
Tgt Ion:168 Resp: 694664

Ion Ratio Lower Upper

168 100

139 40.1 31.5 47.3

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 88.520 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.005 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

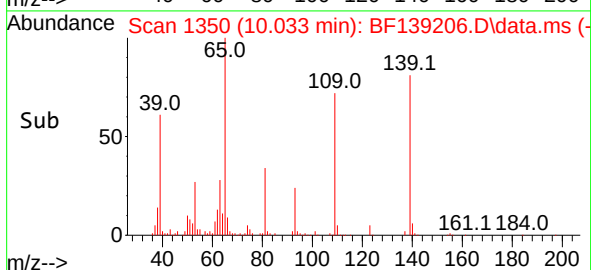
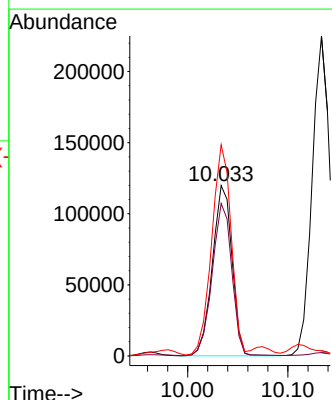
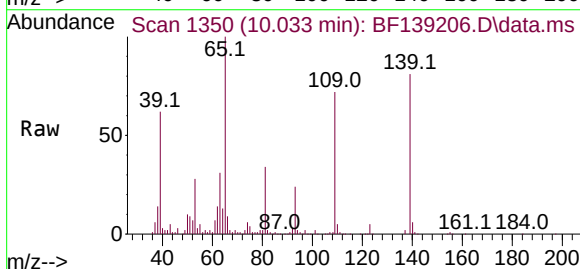
Tgt Ion:139 Resp: 163103

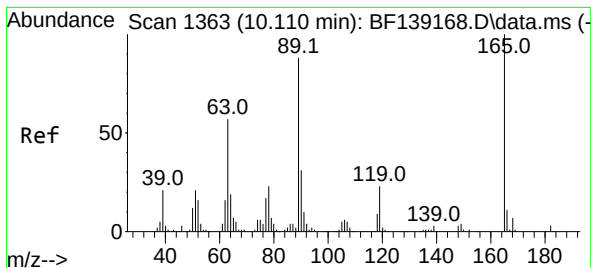
Ion Ratio Lower Upper

139 100

109 89.5 68.2 108.2

65 123.9 104.7 144.7

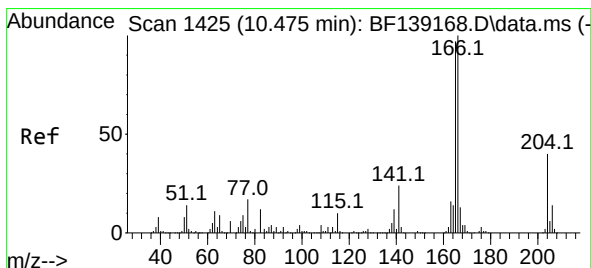
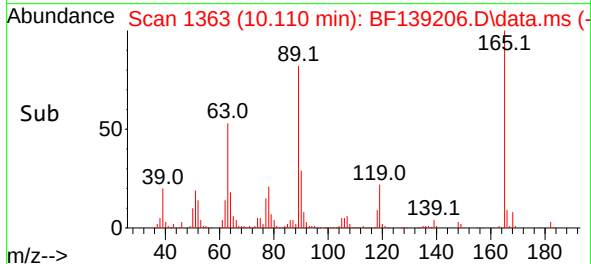
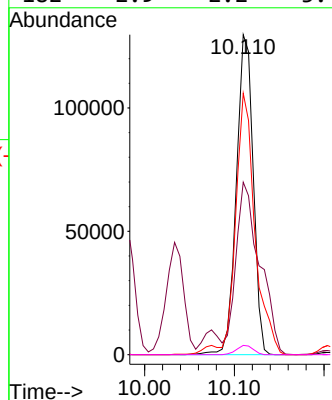
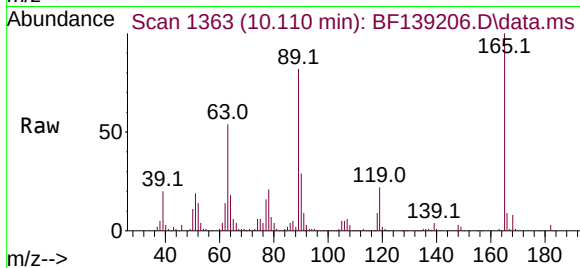




#57
2,4-Dinitrotoluene
Concen: 60.416 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

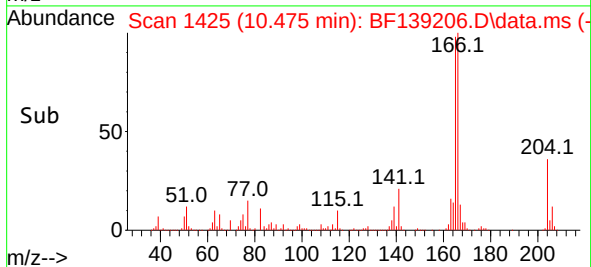
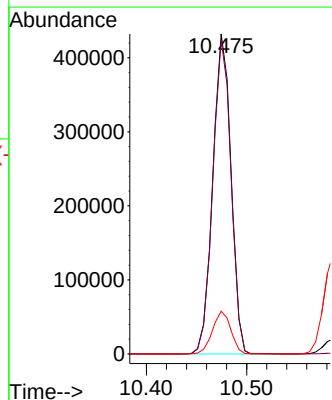
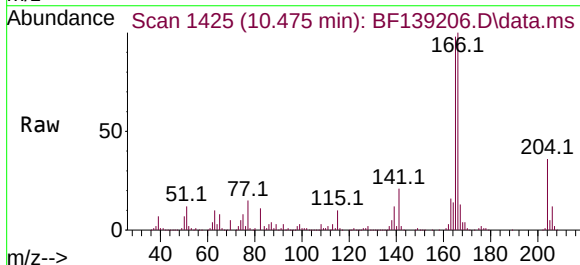
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

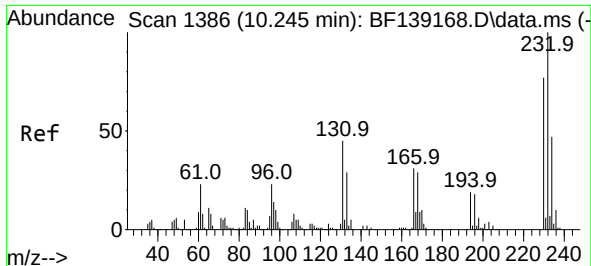
Tgt Ion:165 Resp: 169133
Ion Ratio Lower Upper
165 100
63 53.9 46.2 69.2
89 81.7 70.2 105.4
182 2.9 2.2 3.4



#58
Fluorene
Concen: 51.065 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:166 Resp: 545273
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 13.4 10.8 16.2

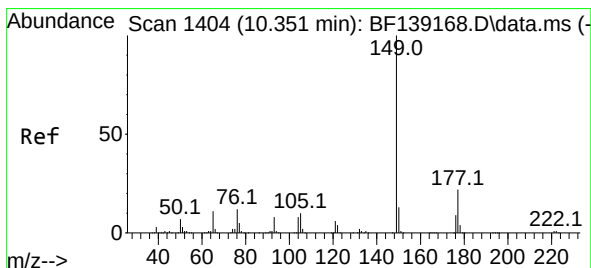
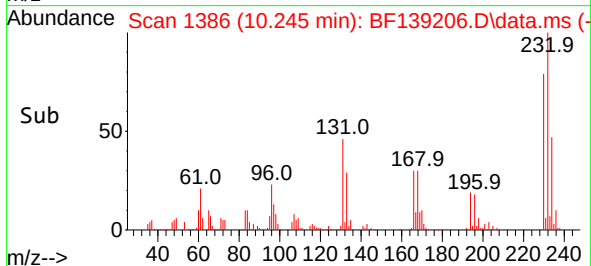
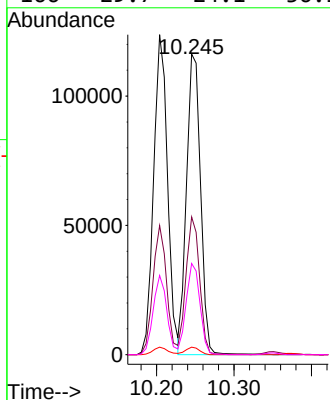
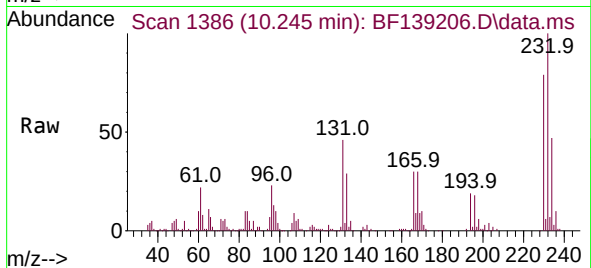




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.669 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

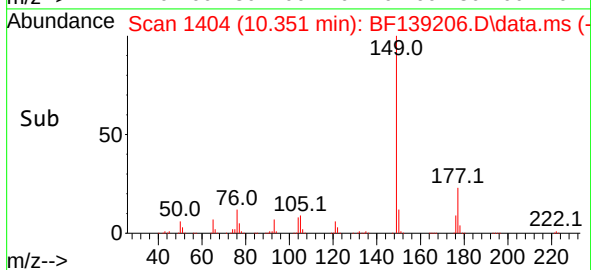
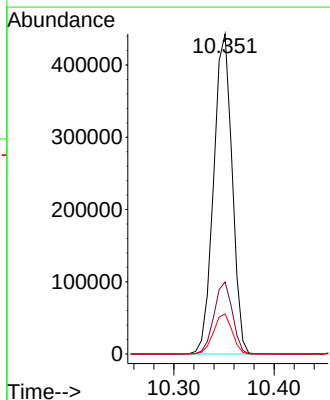
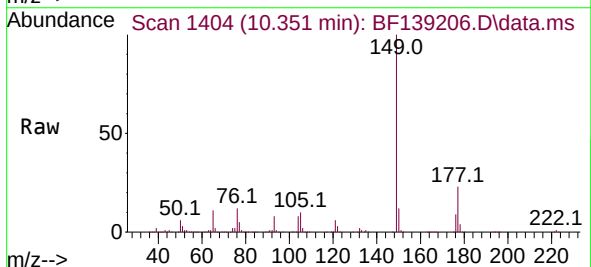
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

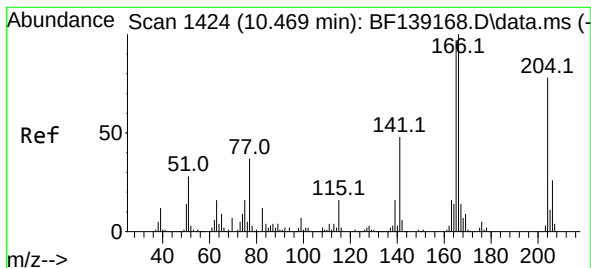
Tgt Ion:232 Resp: 146659
Ion Ratio Lower Upper
232 100
131 44.2 34.9 52.3
130 2.4 1.9 2.9
166 29.7 24.1 36.1



#60
Diethylphthalate
Concen: 59.942 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:149 Resp: 565734
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.5 10.0 15.0

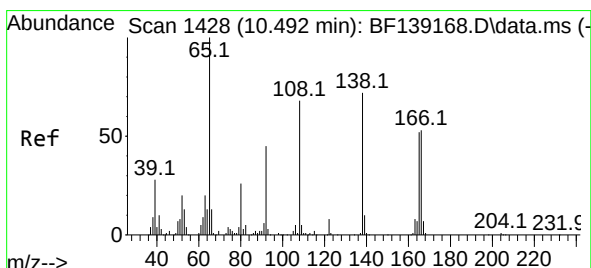
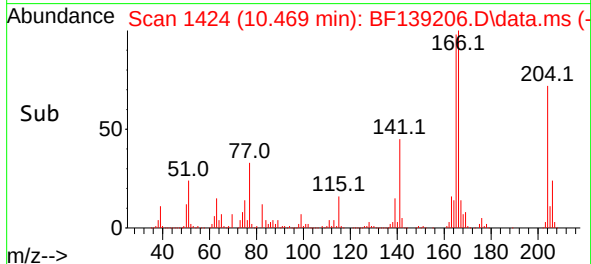
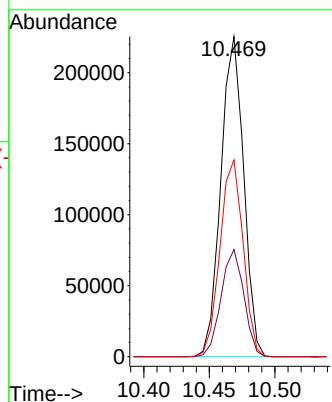
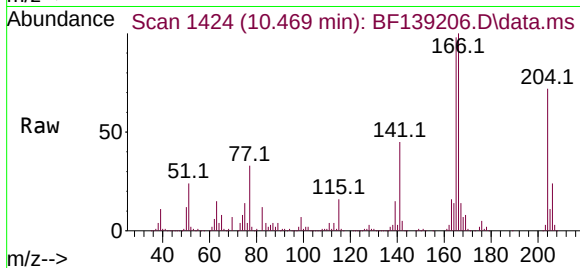




#61
4-Chlorophenyl-phenylether
Concen: 51.943 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

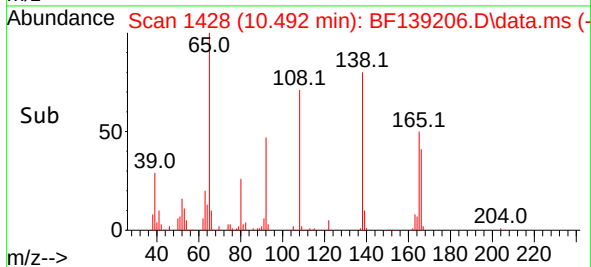
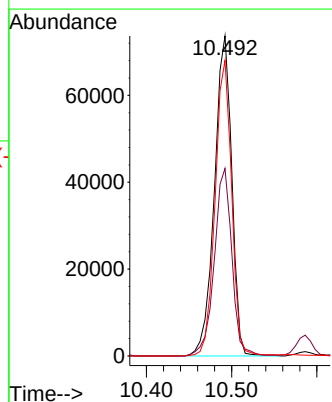
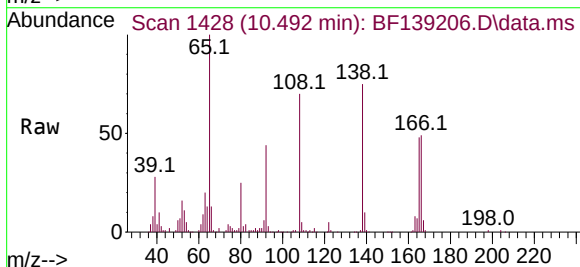
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

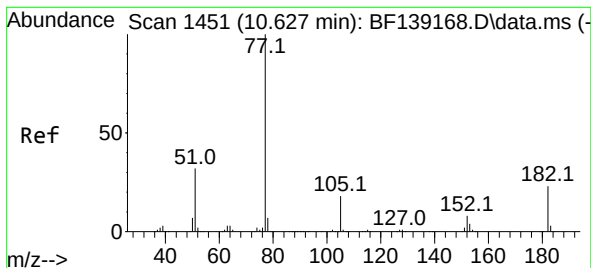
Tgt Ion:204 Resp: 272199
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 61.5 49.6 74.4



#62
4-Nitroaniline
Concen: 47.272 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:138 Resp: 104324
Ion Ratio Lower Upper
138 100
92 58.6 42.4 82.4
108 92.4 74.0 114.0





#63

Azobenzene

Concen: 52.127 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

Tgt Ion: 77 Resp: 598064

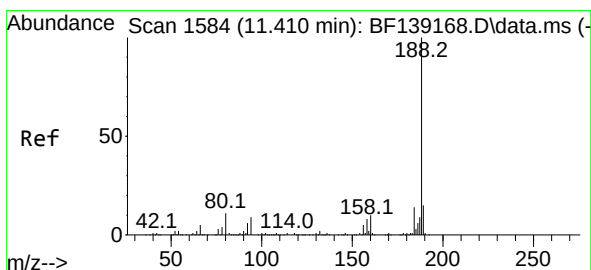
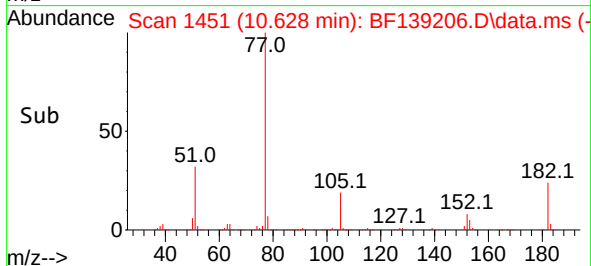
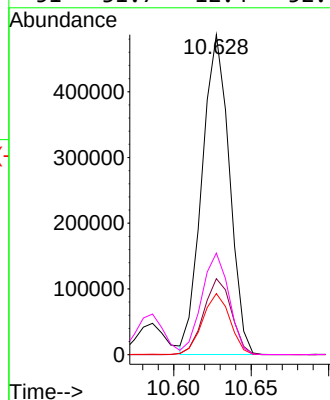
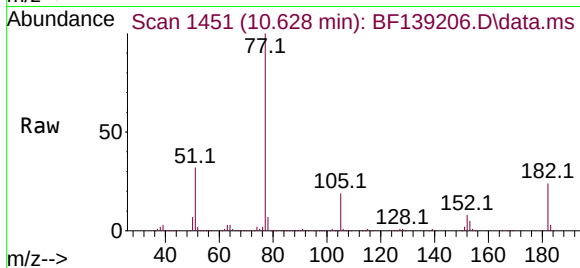
Ion Ratio Lower Upper

77 100

182 23.8 2.4 42.4

105 19.1 0.0 38.2

51 31.7 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

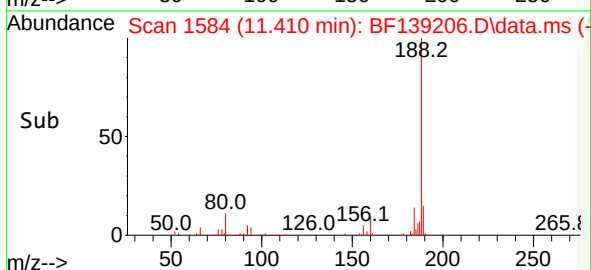
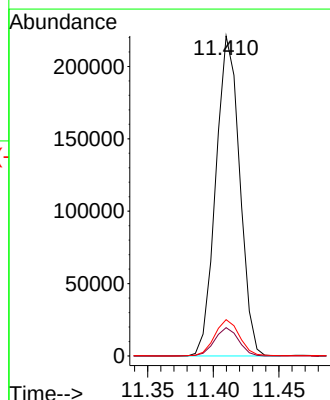
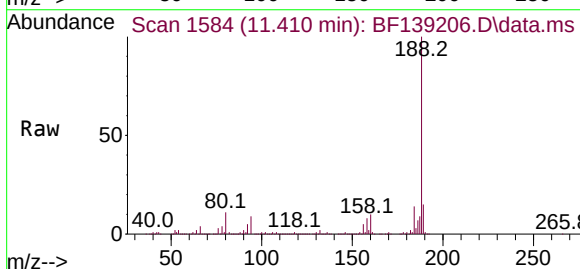
Tgt Ion: 188 Resp: 279469

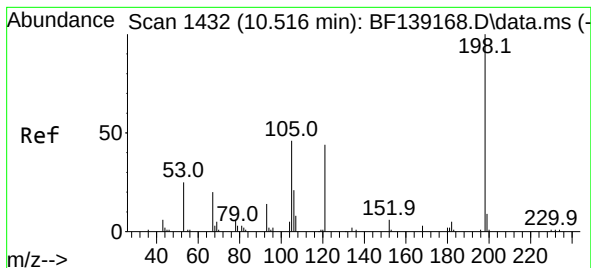
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 11.4 8.9 13.3

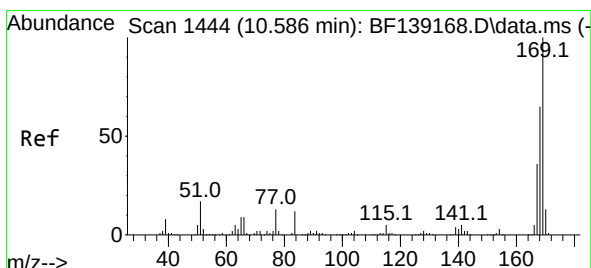
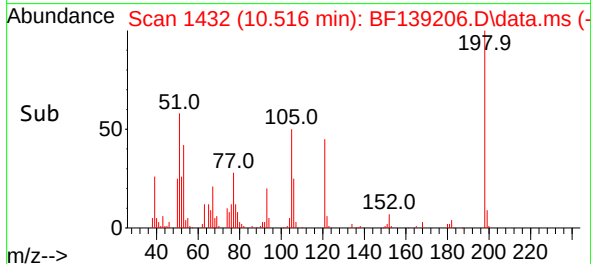
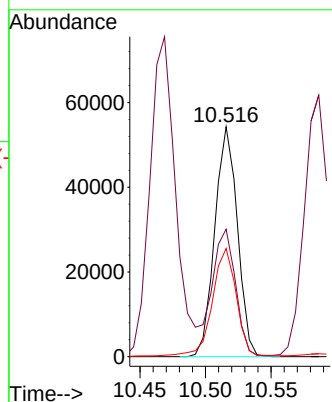
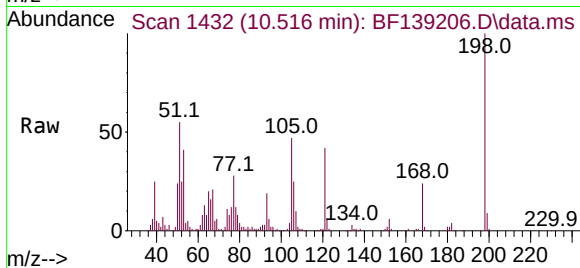




#65
4,6-Dinitro-2-methylphenol
Concen: 56.709 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

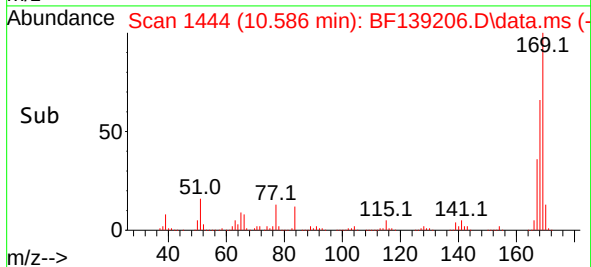
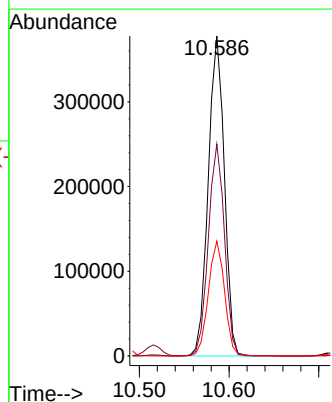
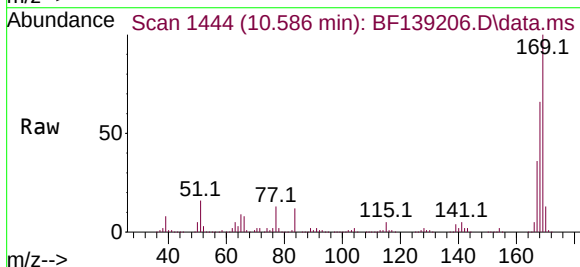
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

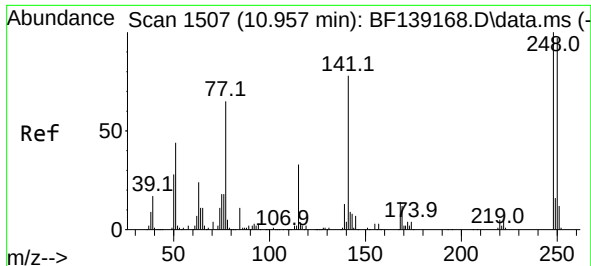
Tgt Ion:198 Resp: 64930
Ion Ratio Lower Upper
198 100
51 55.5 39.2 79.2
105 47.0 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 56.766 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:169 Resp: 469838
Ion Ratio Lower Upper
169 100
168 66.2 52.3 78.5
167 35.9 29.0 43.4

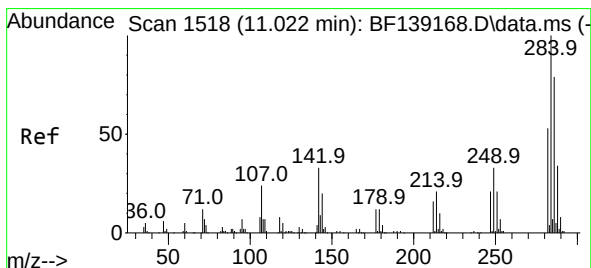
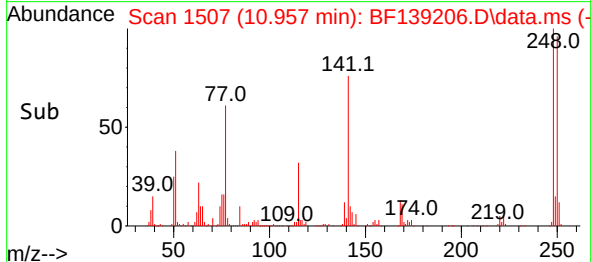
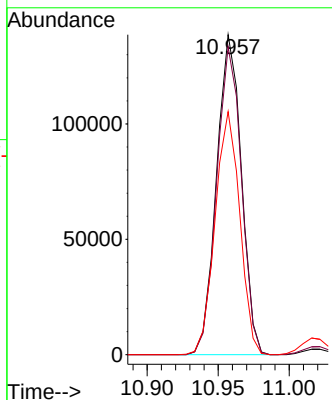
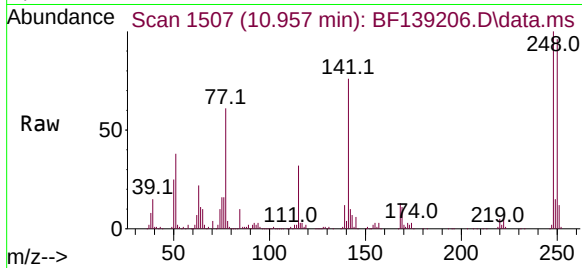




#67
4-Bromophenyl-phenylether
Concen: 56.710 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

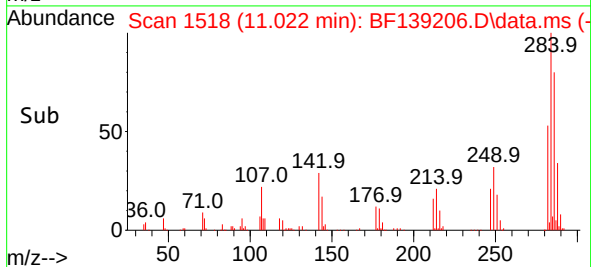
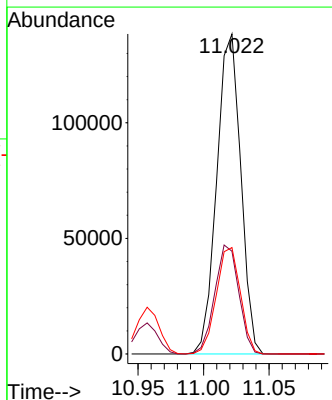
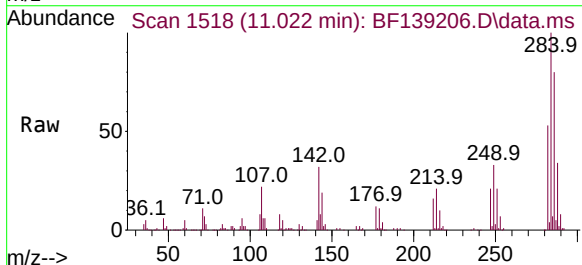
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

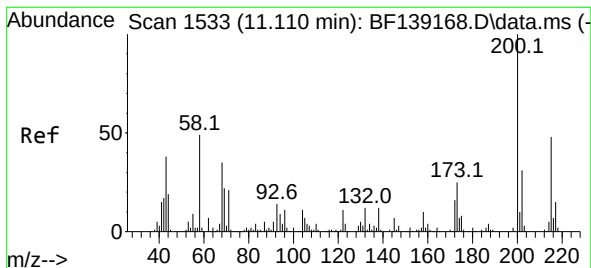
Tgt Ion:248 Resp: 168397
Ion Ratio Lower Upper
248 100
250 96.2 78.0 117.0
141 76.0 62.6 94.0



#68
Hexachlorobenzene
Concen: 54.731 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:284 Resp: 175882
Ion Ratio Lower Upper
284 100
142 32.1 26.6 40.0
249 33.3 26.5 39.7





#69

Atrazine

Concen: 82.420 ng

RT: 11.110 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

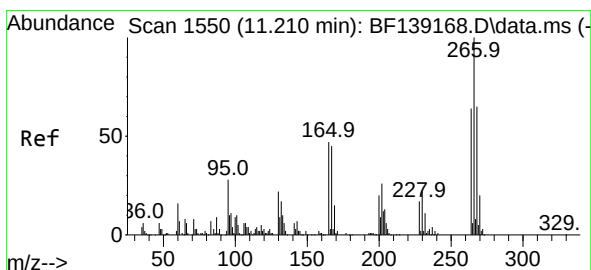
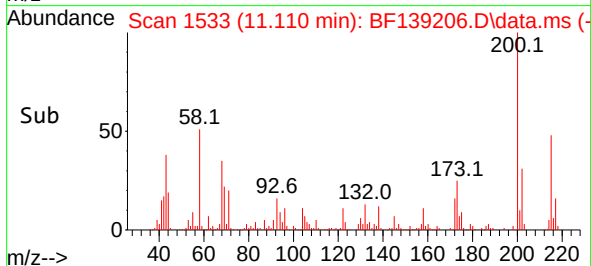
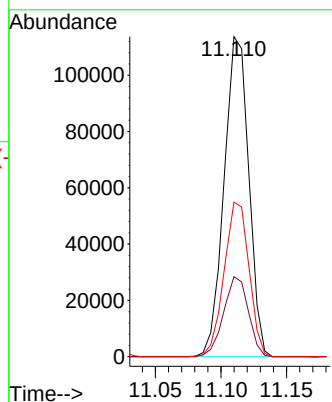
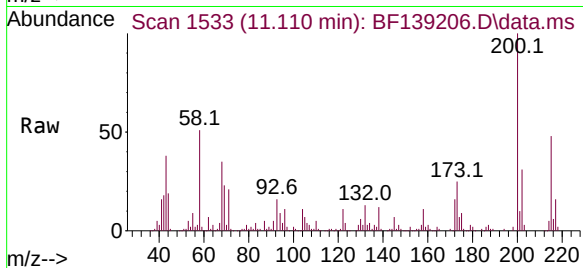
Tgt Ion:200 Resp: 148792

Ion Ratio Lower Upper

200 100

173 25.0 4.7 44.7

215 48.3 28.2 68.2



#70

Pentachlorophenol

Concen: 95.548 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

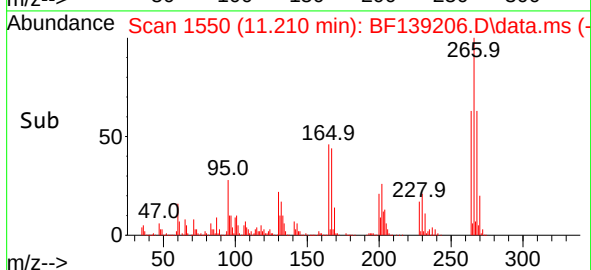
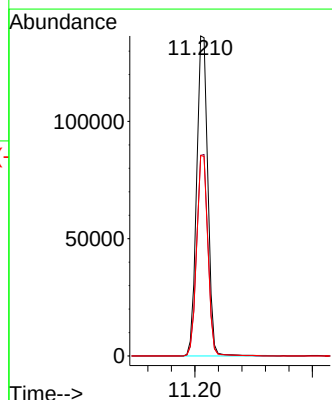
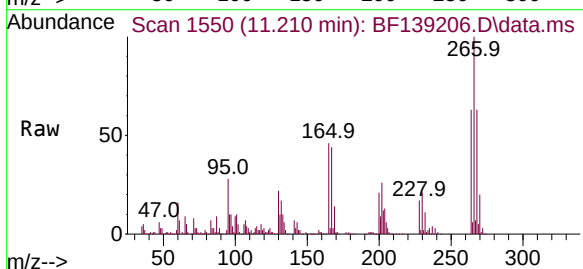
Tgt Ion:266 Resp: 180271

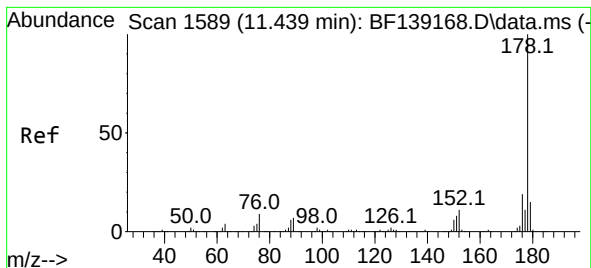
Ion Ratio Lower Upper

266 100

268 62.7 51.8 77.8

264 62.7 51.0 76.6

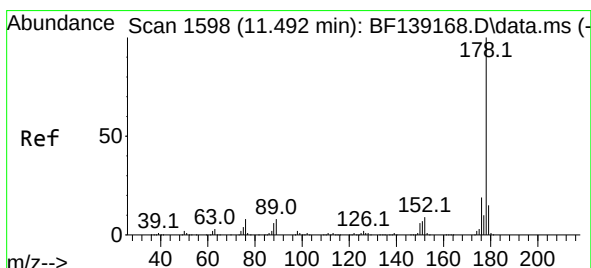
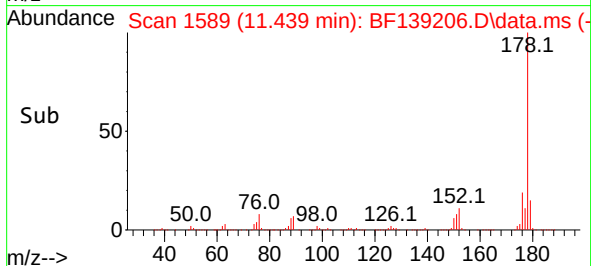
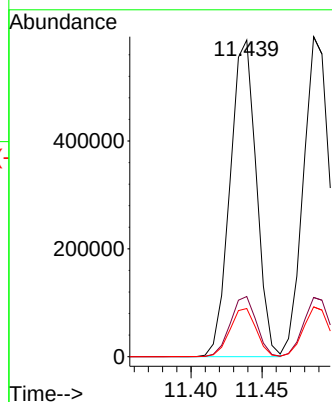
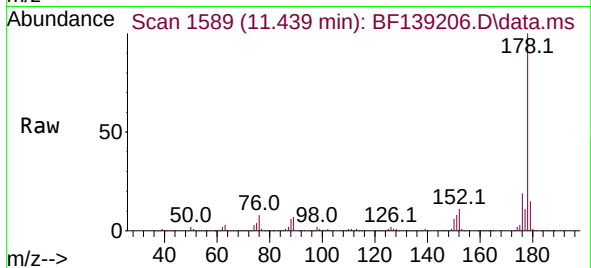




#71
Phenanthrene
Concen: 53.336 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

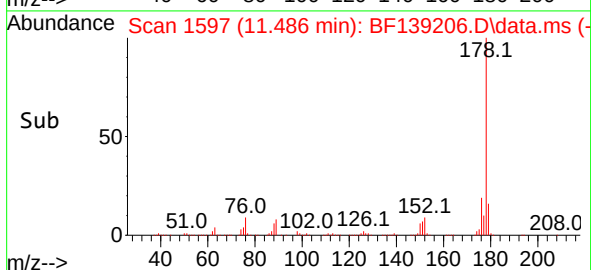
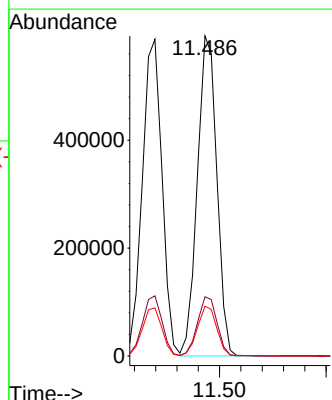
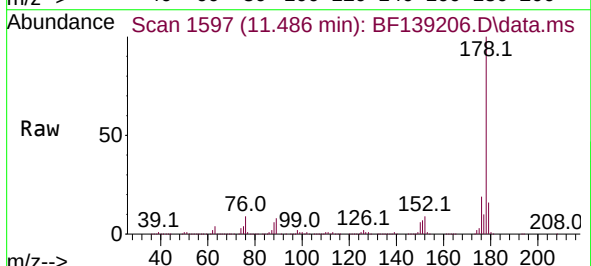
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

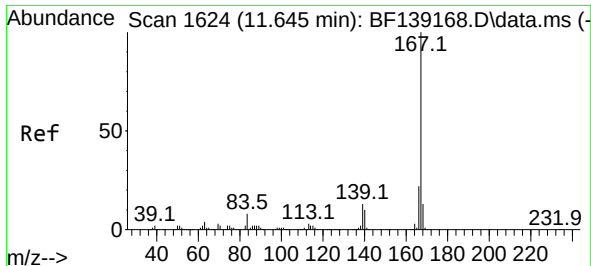
Tgt Ion:178 Resp: 753237
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.2 12.2 18.4



#72
Anthracene
Concen: 54.791 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:178 Resp: 754269
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.6 12.3 18.5

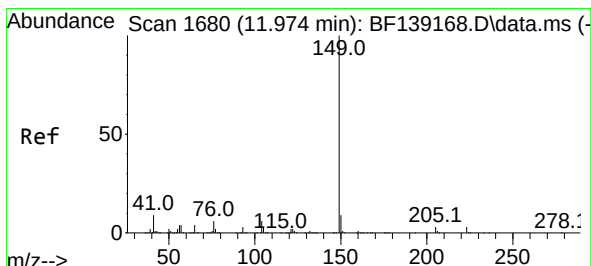
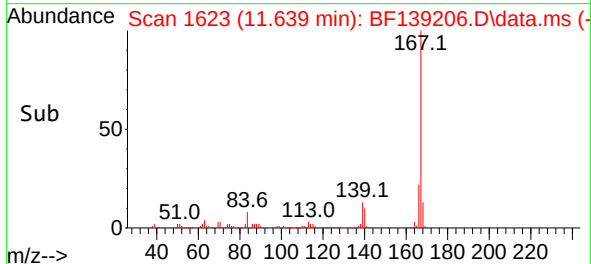
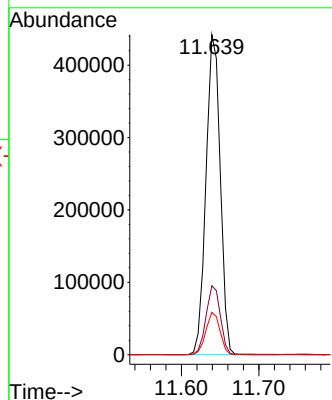
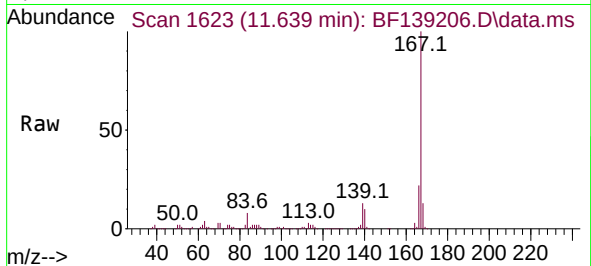




#73
Carbazole
Concen: 45.893 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

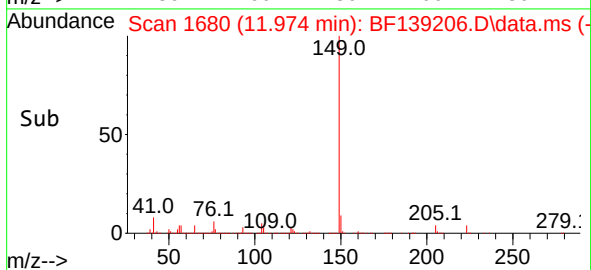
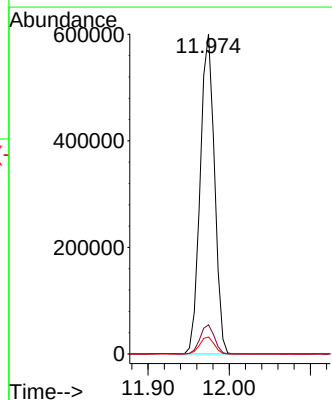
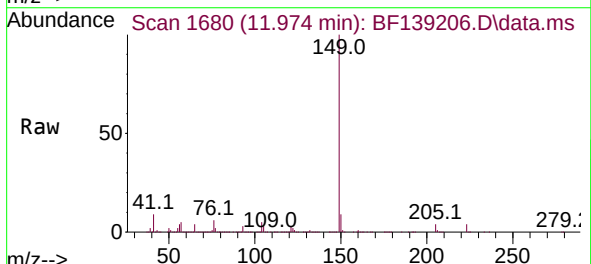
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

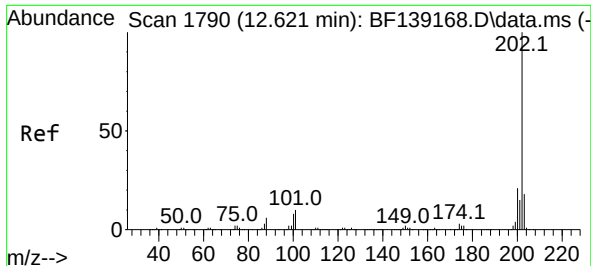
Tgt Ion:167 Resp: 565166
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 13.2 10.3 15.5



#74
Di-n-butylphthalate
Concen: 68.794 ng
RT: 11.974 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:149 Resp: 734270
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.3 4.4 6.6

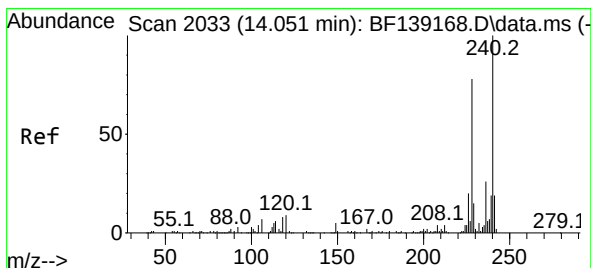
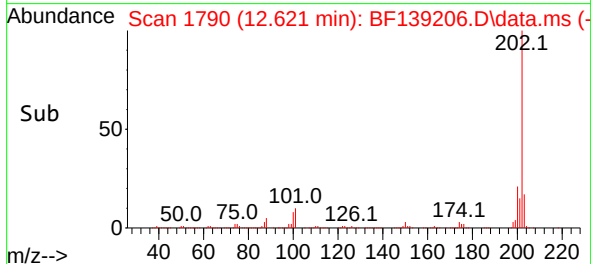
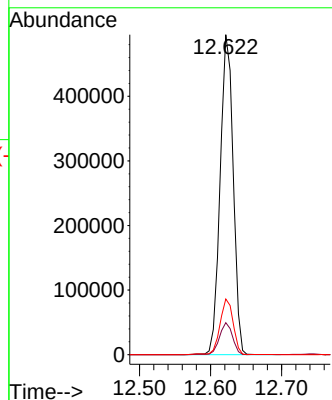
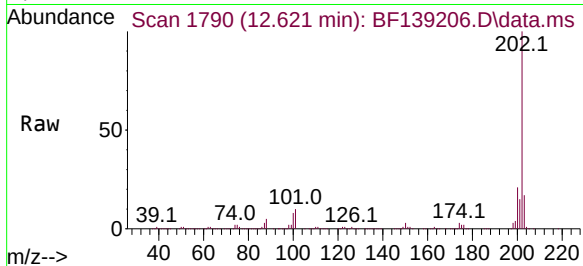




#75
Fluoranthene
Concen: 45.958 ng
RT: 12.621 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

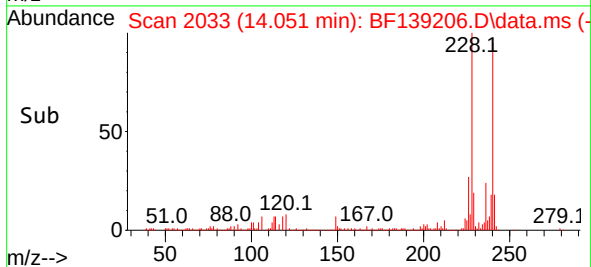
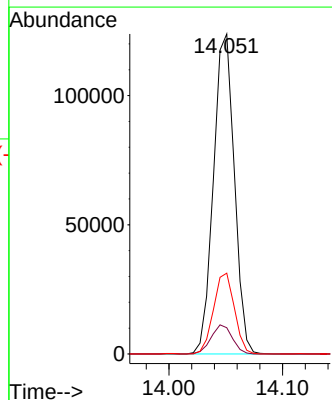
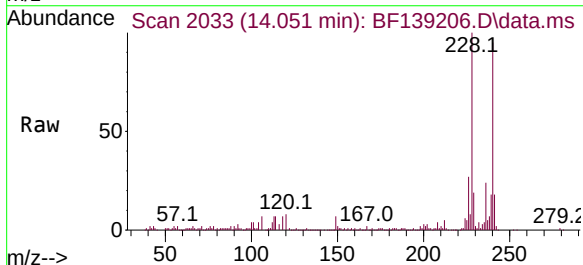
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

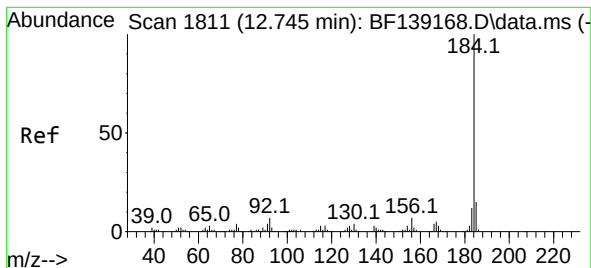
Tgt Ion:202 Resp: 629870
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.1
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:240 Resp: 158339
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.3 20.9 31.3





#77

Benzidine

Concen: 54.054 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

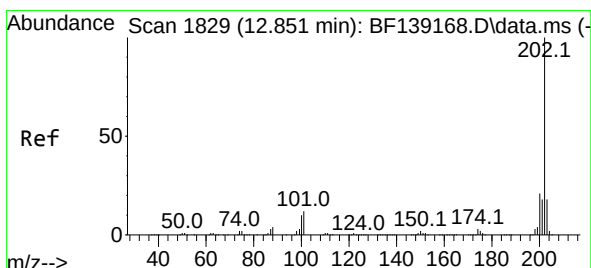
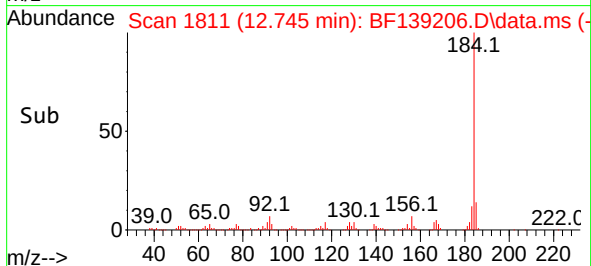
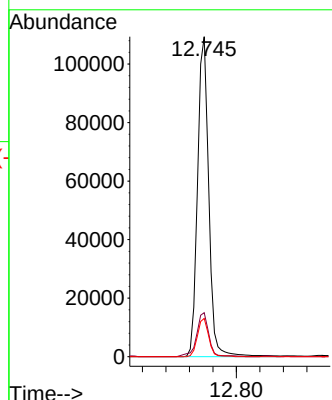
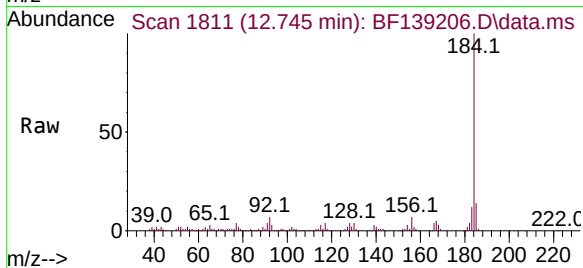
Tgt Ion:184 Resp: 144427

Ion Ratio Lower Upper

184 100

185 13.8 12.1 18.1

183 12.0 9.4 14.0



#78

Pyrene

Concen: 42.211 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

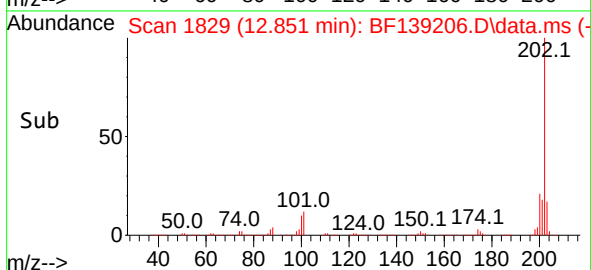
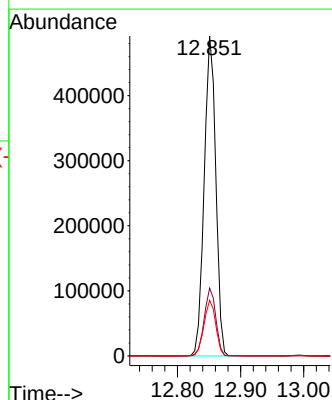
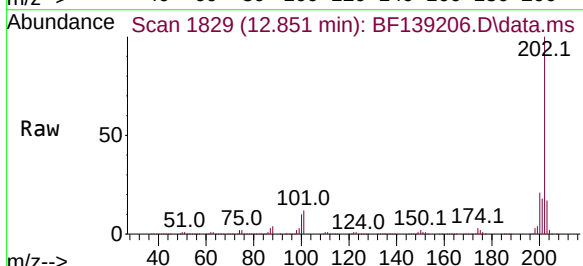
Tgt Ion:202 Resp: 627823

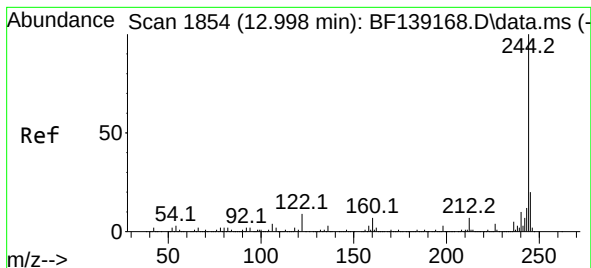
Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 34.121 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

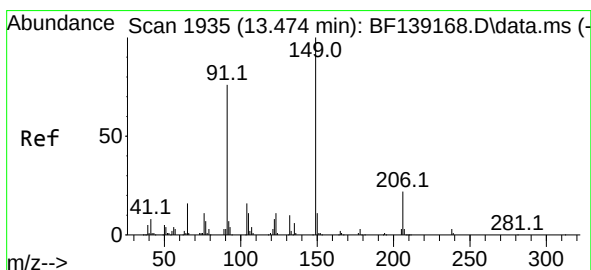
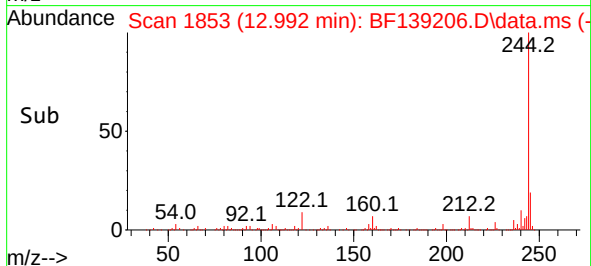
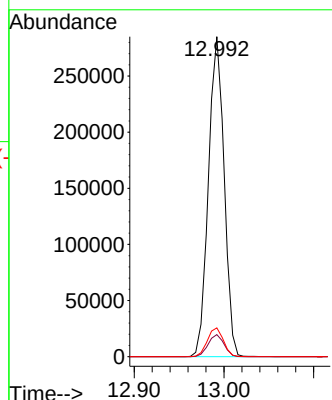
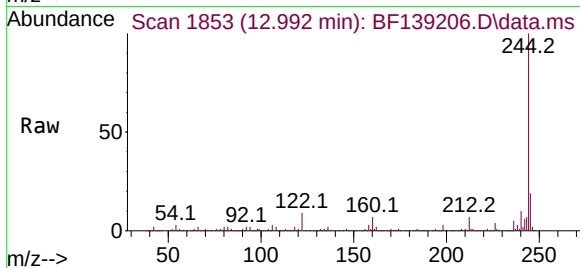
Tgt Ion:244 Resp: 346249

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 9.0 7.6 11.4



#80

Butylbenzylphthalate

Concen: 73.382 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

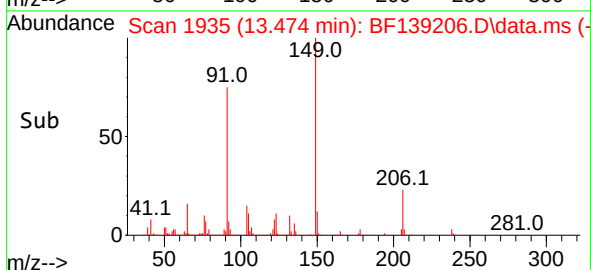
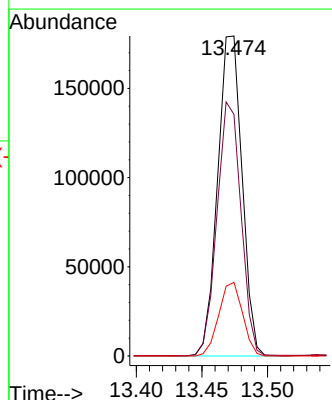
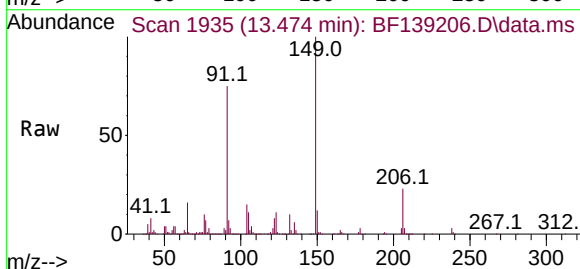
Tgt Ion:149 Resp: 232204

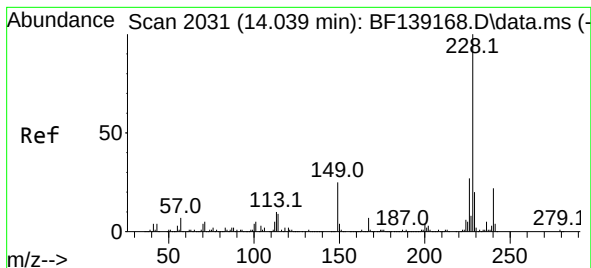
Ion Ratio Lower Upper

149 100

91 75.5 60.9 91.3

206 23.0 17.7 26.5





#81

Benzo(a)anthracene

Concen: 53.172 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

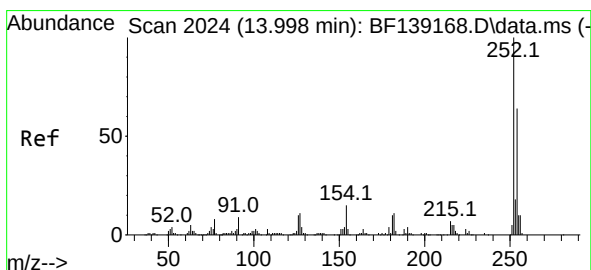
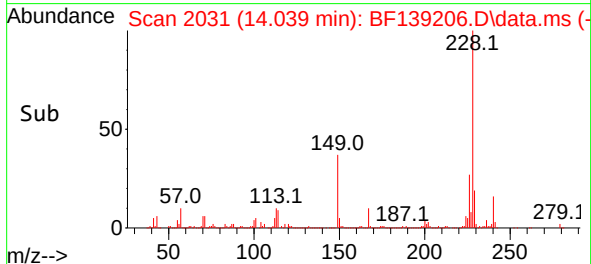
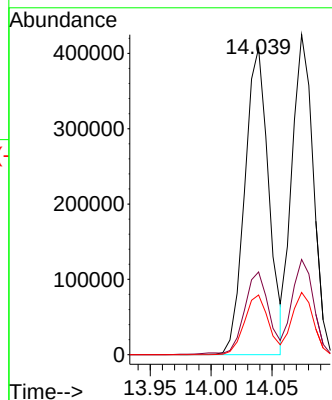
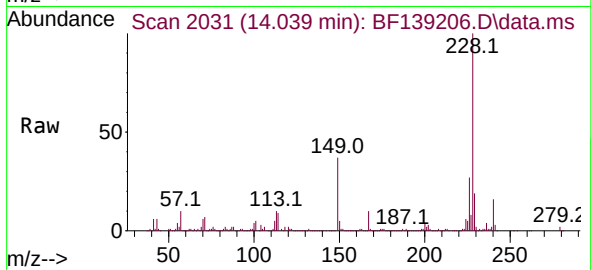
Tgt Ion:228 Resp: 557839

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

229 19.5 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 64.761 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

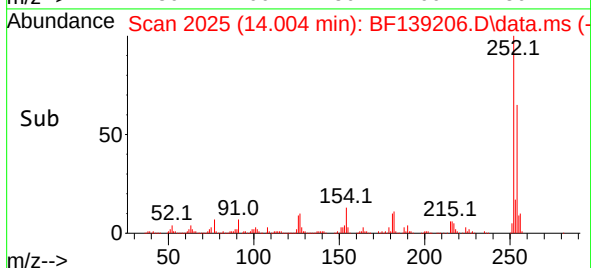
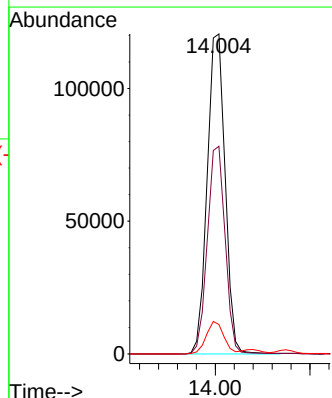
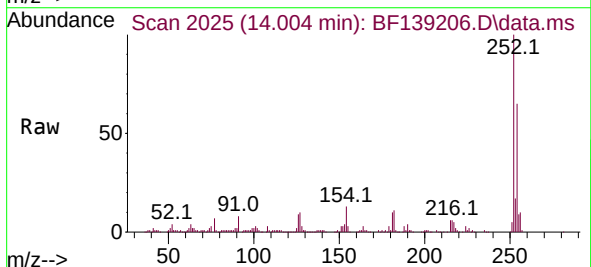
Tgt Ion:252 Resp: 158187

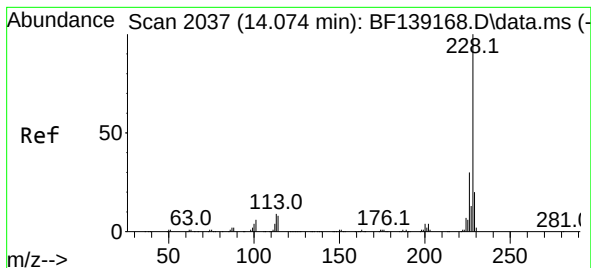
Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.0

126 9.2 8.2 12.2





#83

Chrysene

Concen: 54.699 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF139206.D

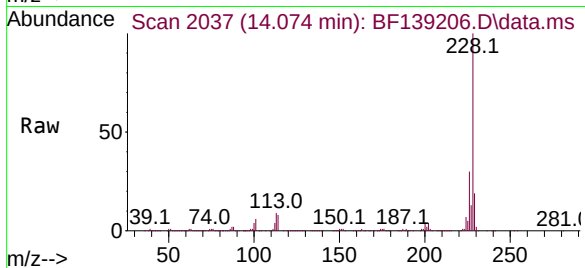
Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD



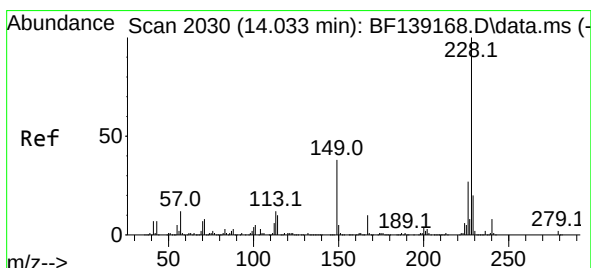
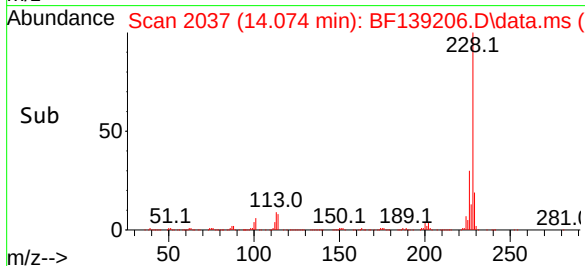
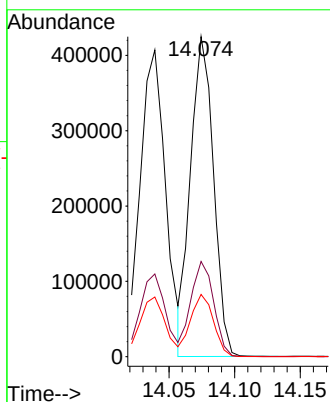
Tgt Ion:228 Resp: 517659

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.725 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

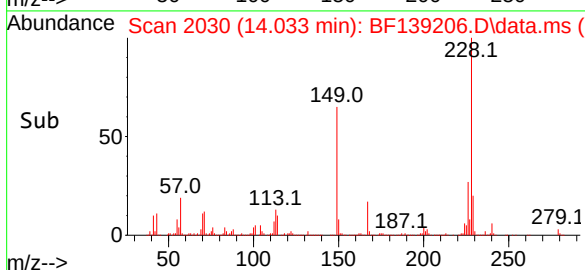
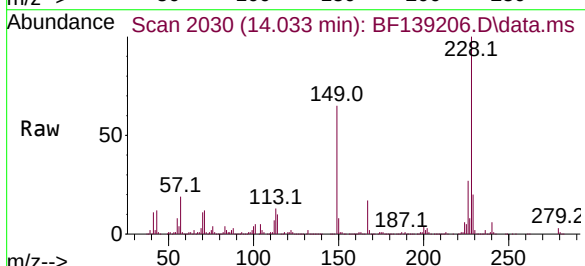
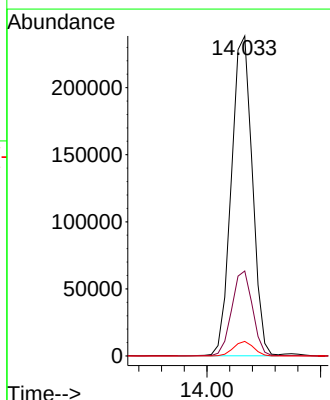
Tgt Ion:149 Resp: 304892

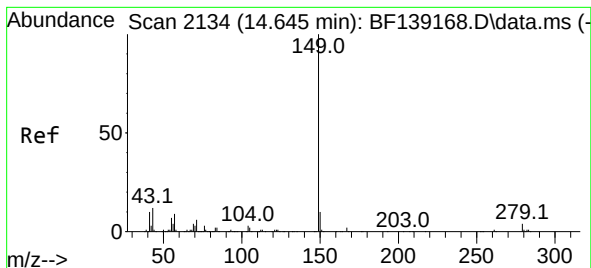
Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 4.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 71.261 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

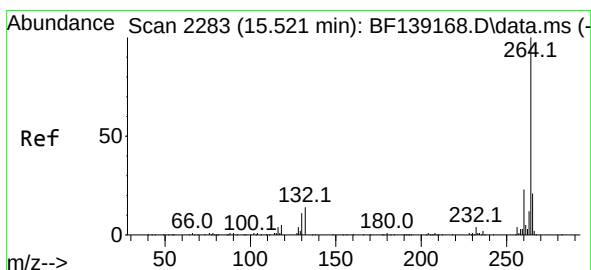
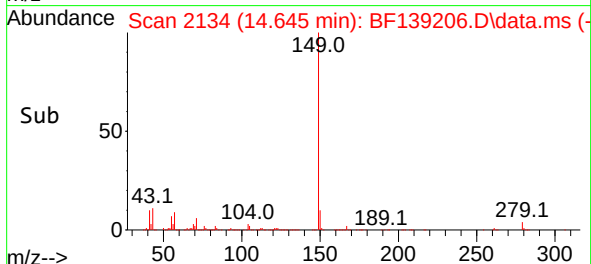
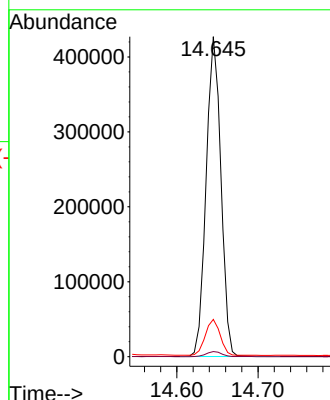
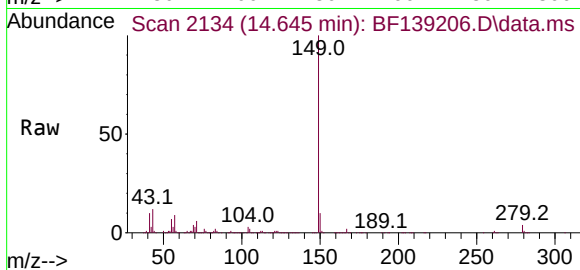
Tgt Ion:149 Resp: 537029

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.2 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

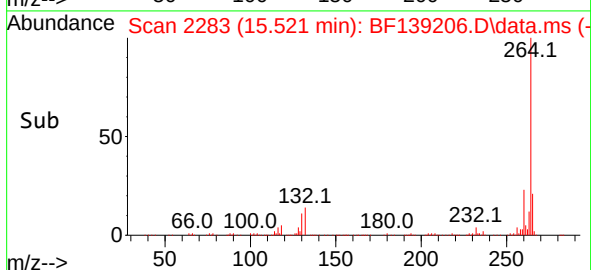
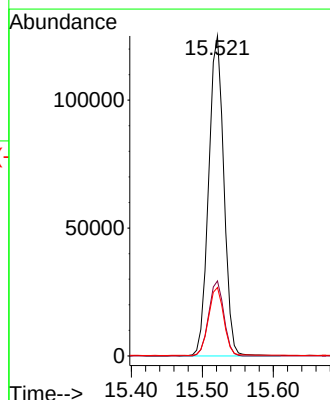
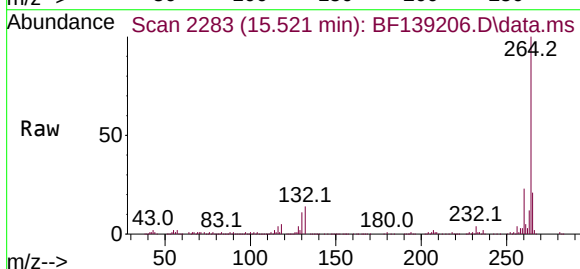
Tgt Ion:264 Resp: 186597

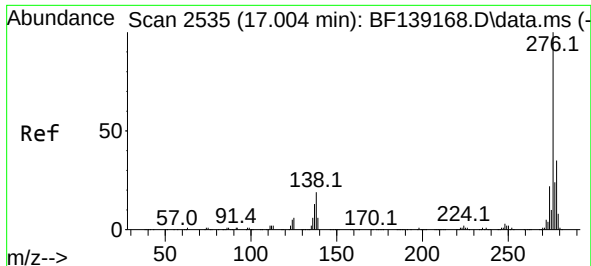
Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.4 17.0 25.6

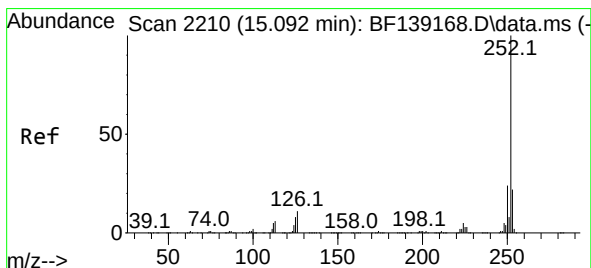
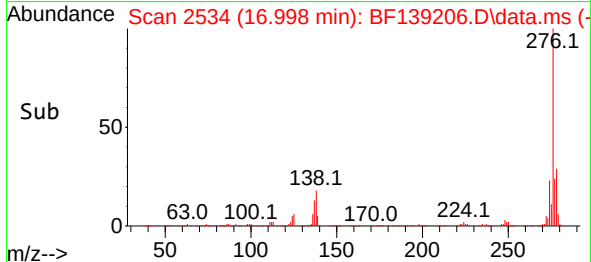
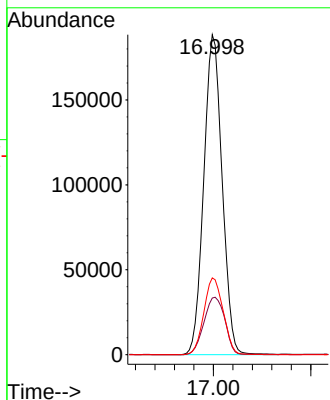
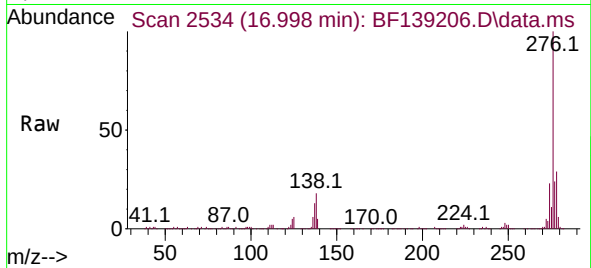




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.594 ng
 RT: 16.998 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139206.D
 Acq: 28 Aug 2024 13:48

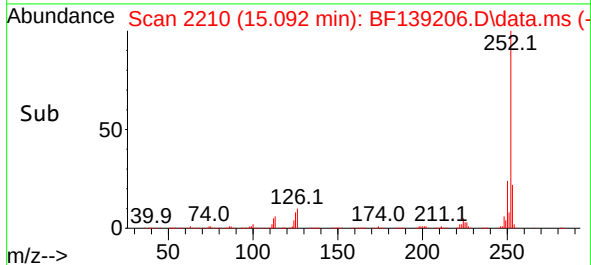
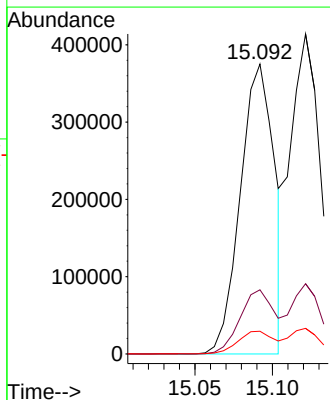
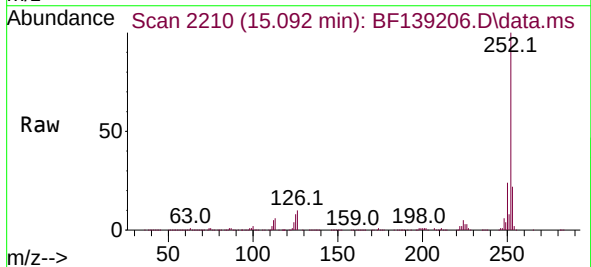
Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MSD

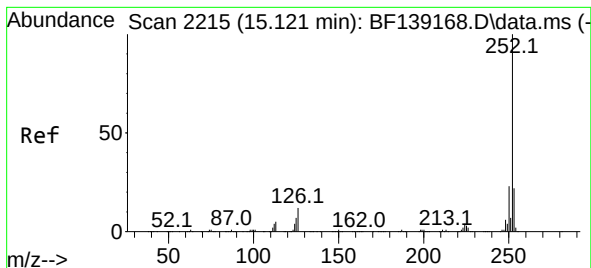
Tgt Ion:276 Resp: 492408
 Ion Ratio Lower Upper
 276 100
 138 20.4 17.4 26.2
 277 25.3 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 52.438 ng
 RT: 15.092 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: BF139206.D
 Acq: 28 Aug 2024 13:48

Tgt Ion:252 Resp: 572379
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.0 27.0
 125 7.8 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 56.065 ng

RT: 15.121 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

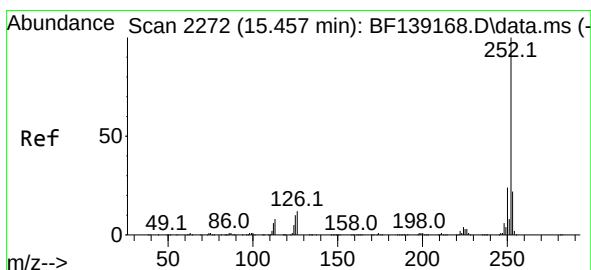
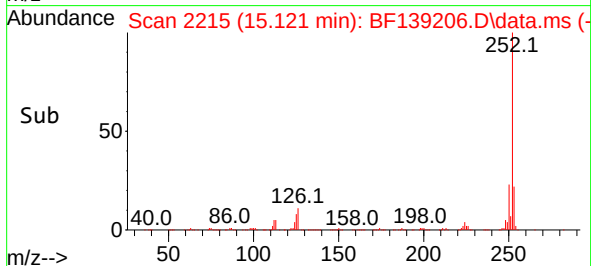
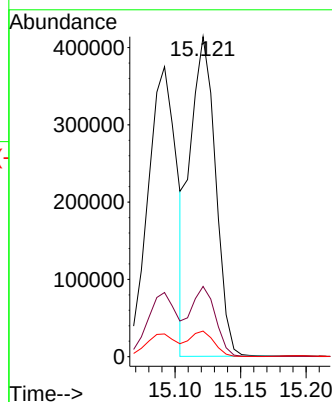
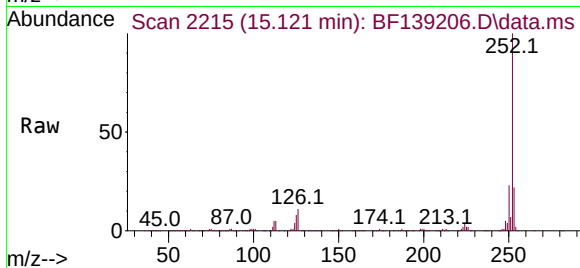
Tgt Ion:252 Resp: 553284

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.0 6.5 9.7



#90

Benzo(a)pyrene

Concen: 57.669 ng

RT: 15.462 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF139206.D

Acq: 28 Aug 2024 13:48

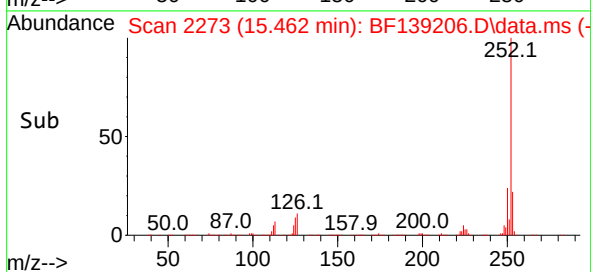
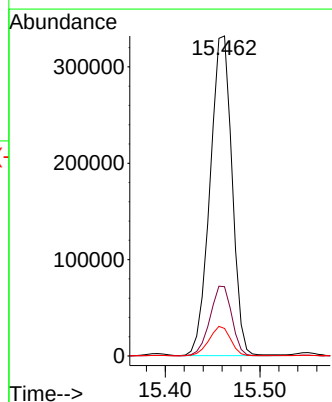
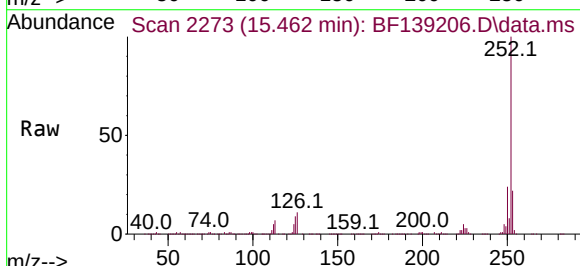
Tgt Ion:252 Resp: 534309

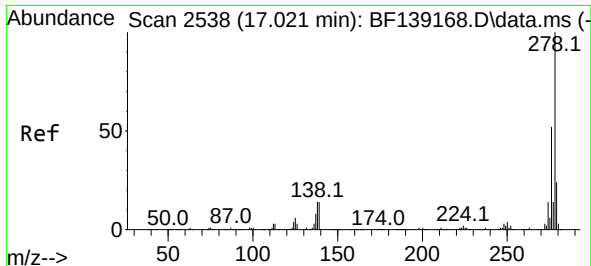
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 8.6 7.8 11.6

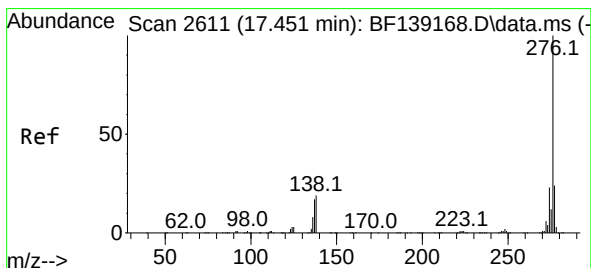
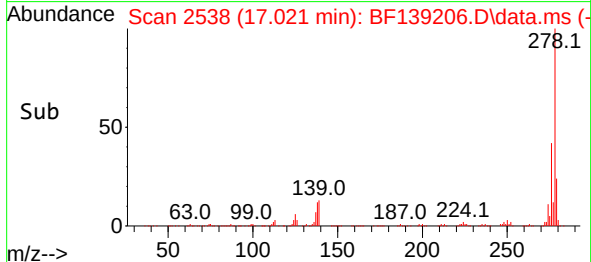
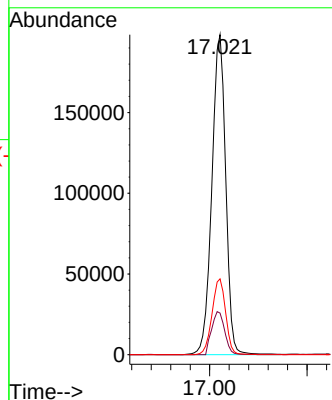
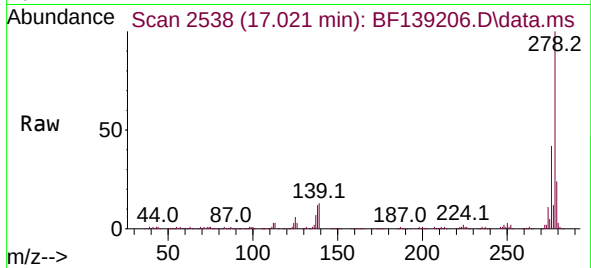




#91
Dibenzo(a,h)anthracene
Concen: 37.385 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

Tgt Ion:278 Resp: 390952
Ion Ratio Lower Upper
278 100
139 13.0 11.2 16.8
279 23.7 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 31.307 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF139206.D
Acq: 28 Aug 2024 13:48

Tgt Ion:276 Resp: 338641
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 17.8 15.0 22.6

