

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139205.D
 Acq On : 28 Aug 2024 13:16
 Operator : RC/JU
 Sample : P3707-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 28 13:51:13 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	82034	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	302933	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	175605	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	285346	20.000	ng	0.00
76) Chrysene-d12	14.051	240	154491	20.000	ng	0.00
86) Perylene-d12	15.521	264	187877	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	427287	87.524	ng	0.01
7) Phenol-d6	6.522	99	588842	87.887	ng	0.00
23) Nitrobenzene-d5	7.451	82	415073	75.908	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	132486	88.091	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	534518	47.282	ng	0.00
79) Terphenyl-d14	12.992	244	312760	31.588	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.757	88	95306	41.281	ng	98
3) Pyridine	3.510	79	258367	45.030	ng	99
4) n-Nitrosodimethylamine	3.463	42	157940	47.282	ng	100
6) Aniline	6.551	93	258185	41.109	ng	92
8) 2-Chlorophenol	6.675	128	258544	55.742	ng	99
9) Benzaldehyde	6.439	77	127533	30.412	ng	99
10) Phenol	6.534	94	357960	52.938	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	258094	48.444	ng	99
12) 1,3-Dichlorobenzene	6.834	146	283932	46.421	ng	99
13) 1,4-Dichlorobenzene	6.910	146	285199	46.476	ng	100
14) 1,2-Dichlorobenzene	7.063	146	276872	47.954	ng	99
15) Benzyl Alcohol	7.034	79	277252	54.900	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	376286	48.721	ng	96
17) 2-Methylphenol	7.145	107	220203	52.078	ng	98
18) Hexachloroethane	7.404	117	102090	52.584	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	213827	53.360	ng	98
20) 3+4-Methylphenols	7.298	107	281814	52.251	ng	97
22) Acetophenone	7.298	105	378999	48.692	ng	96
24) Nitrobenzene	7.475	77	320296	50.120	ng	96
25) Isophorone	7.710	82	559634	51.754	ng	100
26) 2-Nitrophenol	7.786	139	133651	63.453	ng	99
27) 2,4-Dimethylphenol	7.828	122	208534	65.065	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	311255	49.717	ng	99
29) 2,4-Dichlorophenol	8.028	162	226519	57.260	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	235873	46.236	ng	100
31) Naphthalene	8.198	128	756515	48.840	ng	100
32) Benzoic acid	7.928	122	117379	43.848	ng	97
33) 4-Chloroaniline	8.239	127	128902	24.148	ng	99
34) Hexachlorobutadiene	8.310	225	158760	47.890	ng	100
35) Caprolactam	8.616	113	55086	45.392	ng	95
36) 4-Chloro-3-methylphenol	8.722	107	254207	56.029	ng	98
37) 2-Methylnaphthalene	8.886	142	496445	51.125	ng	99
38) 1-Methylnaphthalene	8.986	142	462661	48.748	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	249682	47.936	ng	98
41) Hexachlorocyclopentadiene	9.039	237	282478	168.894	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	170857	58.665	ng	98

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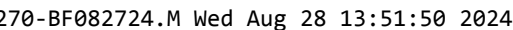
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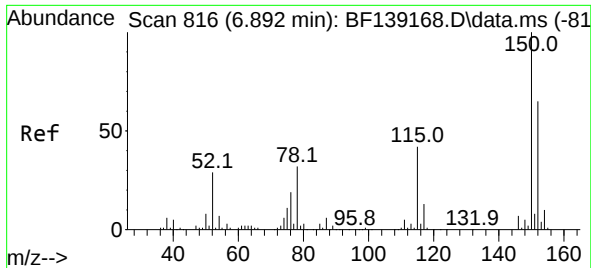
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	173343	56.782	ng	99
46) 1,1'-Biphenyl	9.351	154	608882	47.903	ng	100
47) 2-Chloronaphthalene	9.375	162	480318	47.366	ng	99
48) 2-Nitroaniline	9.469	65	169934	55.853	ng	96
49) Acenaphthylene	9.792	152	749360	52.445	ng	100
50) Dimethylphthalate	9.651	163	573477	56.533	ng	100
51) 2,6-Dinitrotoluene	9.710	165	123594	55.959	ng	92
52) Acenaphthene	9.963	154	503618	53.654	ng	99
53) 3-Nitroaniline	9.880	138	87242	40.197	ng	95
54) 2,4-Dinitrophenol	9.980	184	79071	77.911	ng	# 64
55) Dibenzofuran	10.133	168	679218	49.582	ng	100
56) 4-Nitrophenol	10.033	139	160741	86.328	ng	98
57) 2,4-Dinitrotoluene	10.110	165	164923	58.423	ng	93
58) Fluorene	10.474	166	533316	49.347	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	142927	58.416	ng	100
60) Diethylphthalate	10.351	149	550965	57.678	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	265615	50.079	ng	99
62) 4-Nitroaniline	10.492	138	105054	47.047	ng	96
63) Azobenzene	10.627	77	591763	50.959	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	62203	54.274	ng	95
66) n-Nitrosodiphenylamine	10.586	169	454570	53.790	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	163689	53.990	ng	99
68) Hexachlorobenzene	11.022	284	172168	52.472	ng	99
69) Atrazine	11.116	200	148293	80.451	ng	99
70) Pentachlorophenol	11.216	266	177735	92.264	ng	99
71) Phenanthrene	11.439	178	732317	50.787	ng	100
72) Anthracene	11.492	178	743230	52.877	ng	99
73) Carbazole	11.639	167	561854	44.684	ng	99
74) Di-n-butylphthalate	11.974	149	731386	67.112	ng	100
75) Fluoranthene	12.621	202	622454	44.482	ng	100
77) Benzidine	12.745	184	139639	53.564	ng	98
78) Pyrene	12.851	202	585382	40.338	ng	100
80) Butylbenzylphthalate	13.468	149	221367	71.802	ng	96
81) Benzo(a)anthracene	14.039	228	534230	52.190	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	152678	64.062	ng	100
83) Chrysene	14.074	228	486455	52.682	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	289654	78.160	ng	100
85) Di-n-octyl phthalate	14.645	149	532800	72.310	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	488836	38.053	ng	98
88) Benzo(b)fluoranthene	15.092	252	566516	51.547	ng	98
89) Benzo(k)fluoranthene	15.121	252	530197	53.360	ng	99
90) Benzo(a)pyrene	15.462	252	522790	56.042	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	393243	37.348	ng	97
92) Benzo(g,h,i)perylene	17.445	276	340308	31.247	ng	99

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

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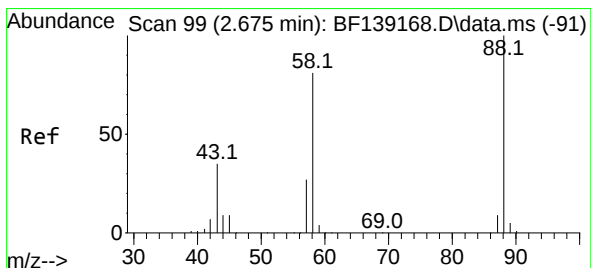
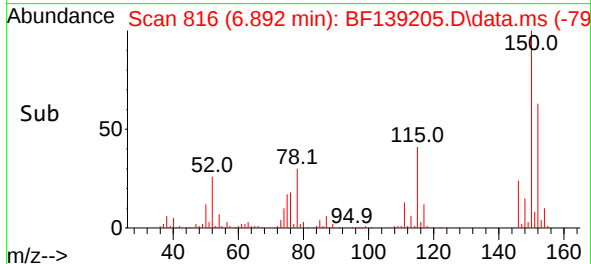
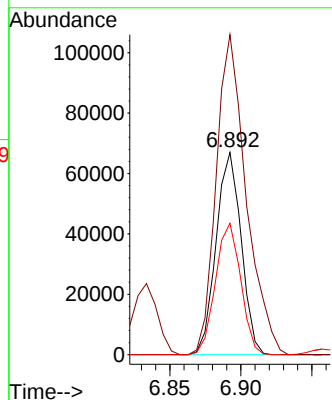
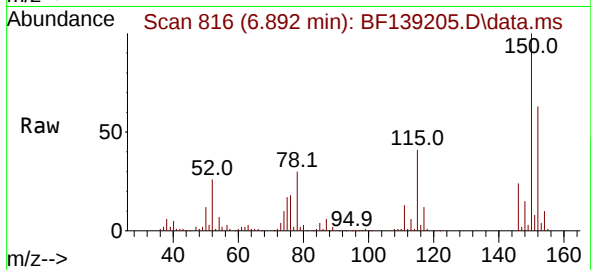




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139205.D
 Acq: 28 Aug 2024 13:16

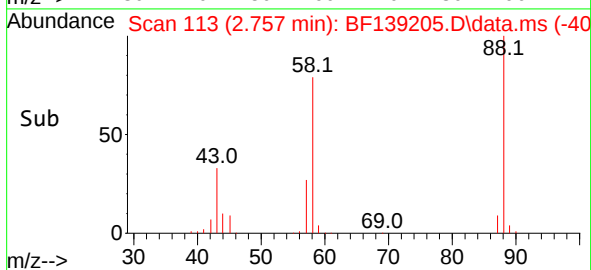
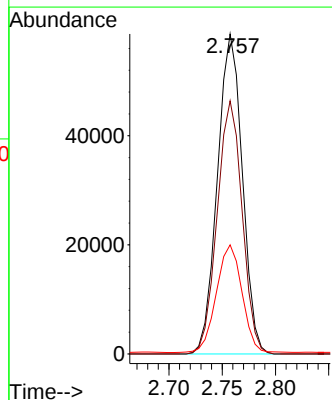
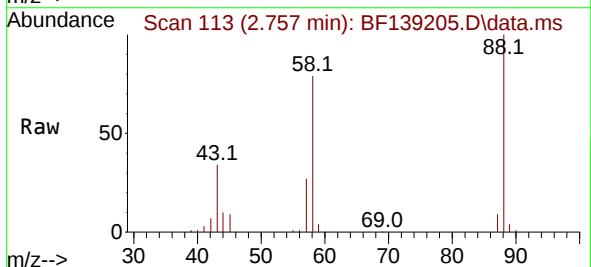
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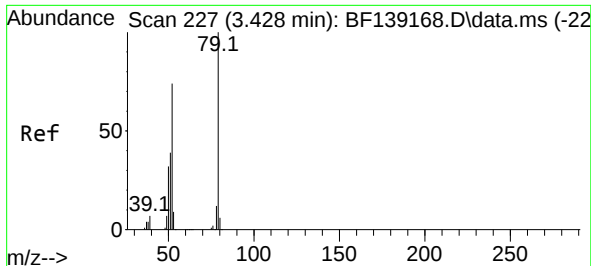
Tgt Ion:152 Resp: 82034
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.7 185.5
 115 65.0 51.8 77.8



#2
 1,4-Dioxane
 Concen: 41.281 ng
 RT: 2.757 min Scan# 113
 Delta R.T. 0.082 min
 Lab File: BF139205.D
 Acq: 28 Aug 2024 13:16

Tgt Ion: 88 Resp: 95306
 Ion Ratio Lower Upper
 88 100
 58 79.3 65.0 97.6
 43 34.6 28.4 42.6

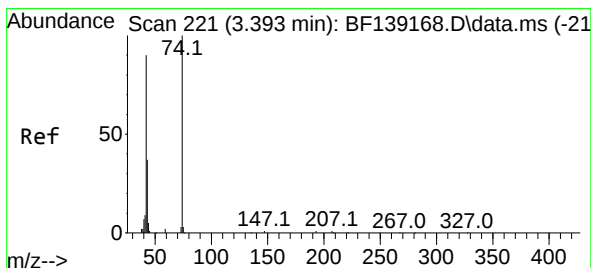
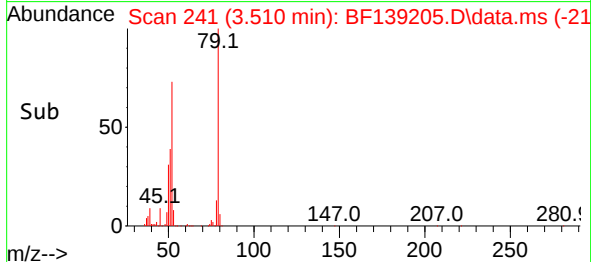
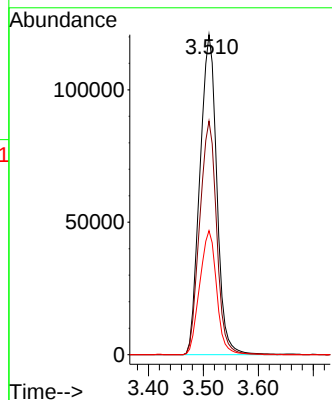
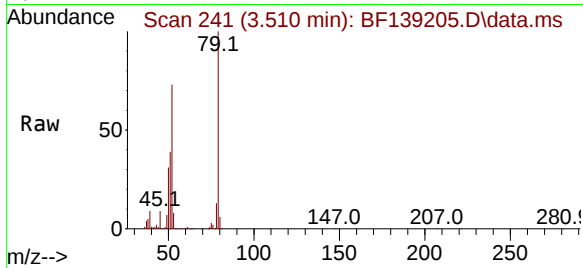




#3
Pyridine
Concen: 45.030 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.082 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

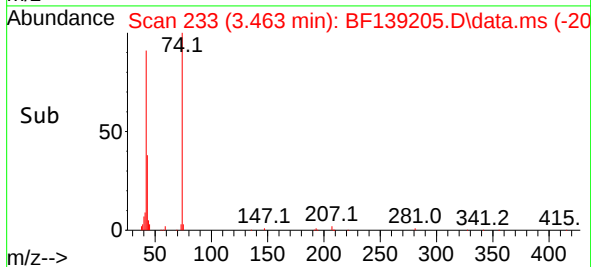
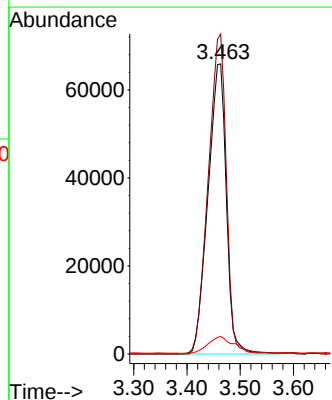
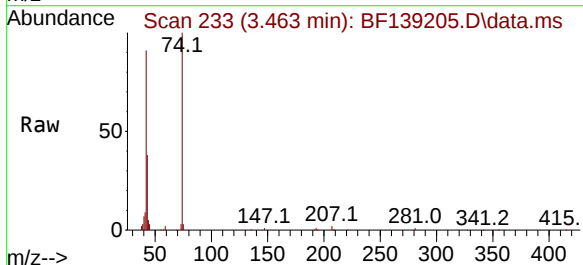
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

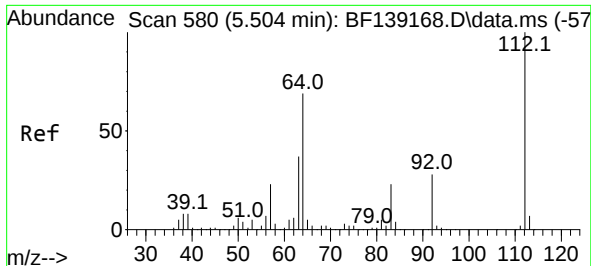
Tgt Ion: 79 Resp: 258367
Ion Ratio Lower Upper
79 100
52 73.0 59.5 89.3
51 38.8 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 47.282 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.071 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion: 42 Resp: 157940
Ion Ratio Lower Upper
42 100
74 110.3 88.6 132.8
44 6.0 5.0 7.4

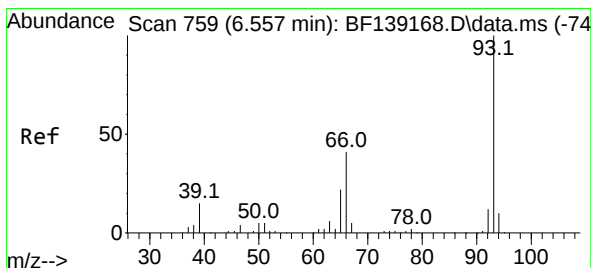
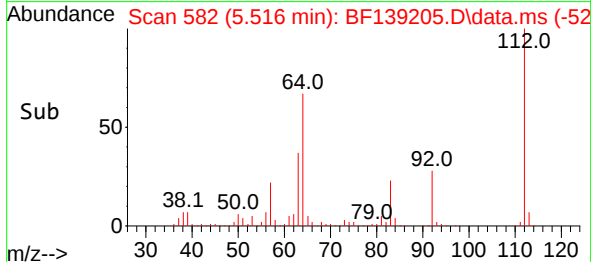
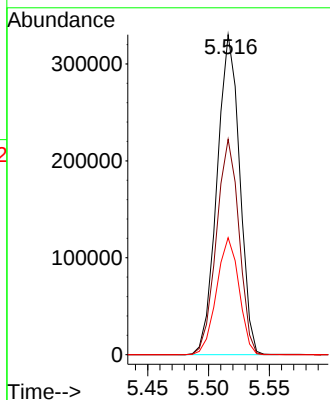
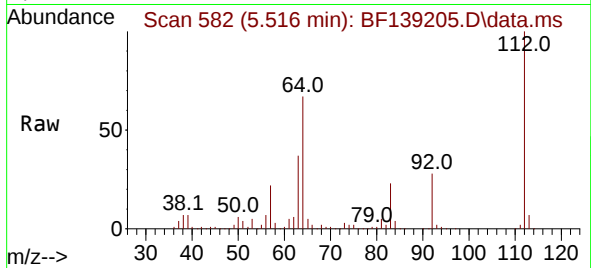




#5
2-Fluorophenol
Concen: 87.524 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

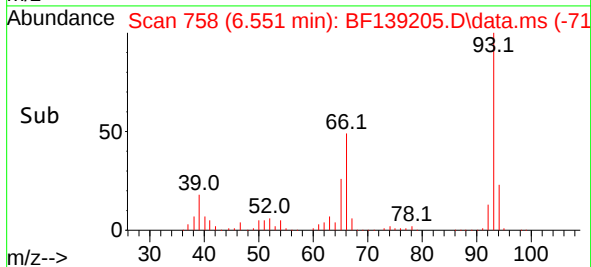
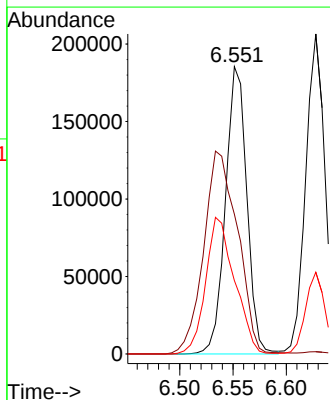
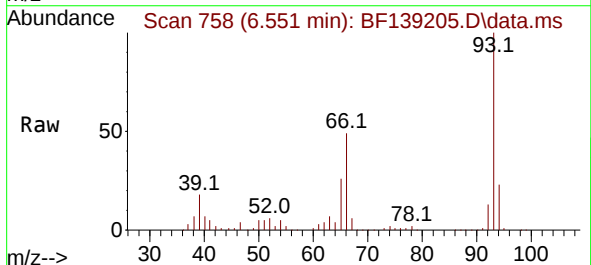
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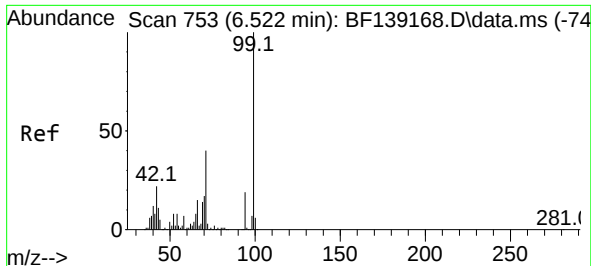
Tgt Ion:112 Resp: 427287
Ion Ratio Lower Upper
112 100
64 67.3 55.5 83.3
63 36.6 29.8 44.6



#6
Aniline
Concen: 41.109 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.036 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion: 93 Resp: 258185
Ion Ratio Lower Upper
93 100
66 48.7 35.0 52.4
65 25.6 17.2 25.8

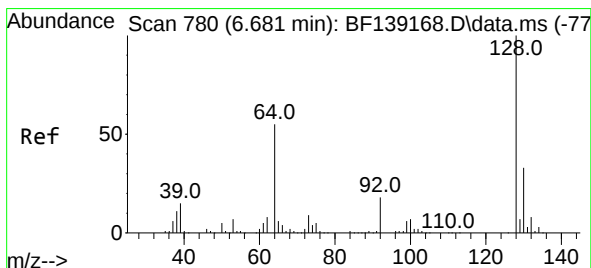
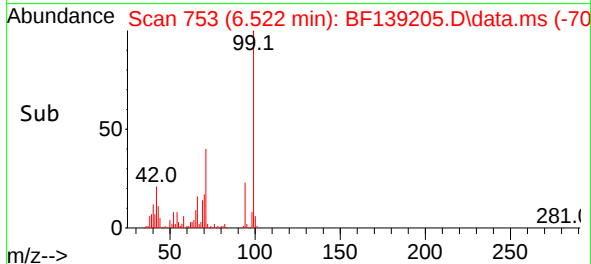
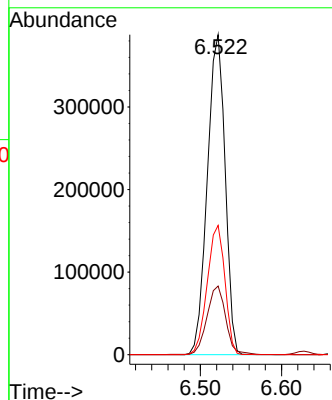
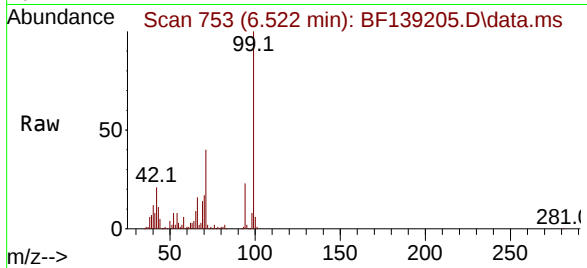




#7
Phenol-d6
Concen: 87.887 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

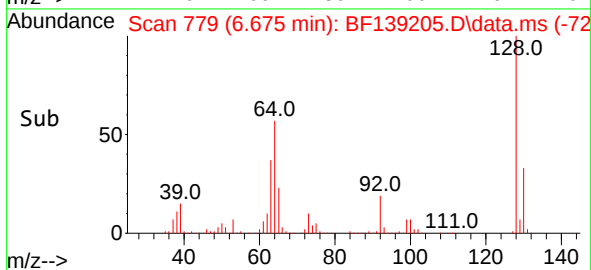
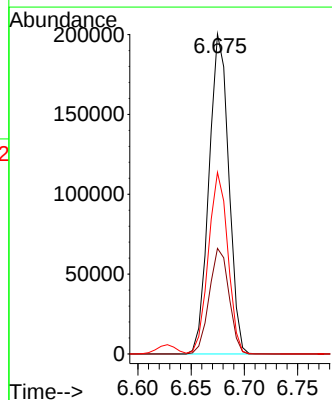
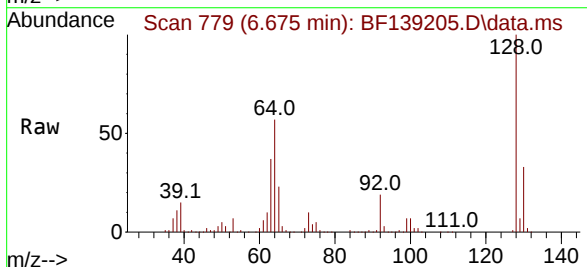
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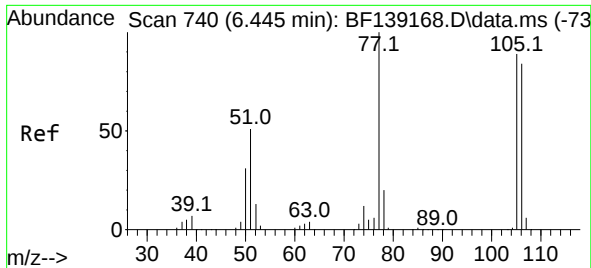
Tgt Ion: 99 Resp: 588842
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 40.4 31.7 47.5



#8
2-Chlorophenol
Concen: 55.742 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion: 128 Resp: 258544
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 56.8 37.3 77.3





#9

Benzaldehyde

Concen: 30.412 ng

RT: 6.439 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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

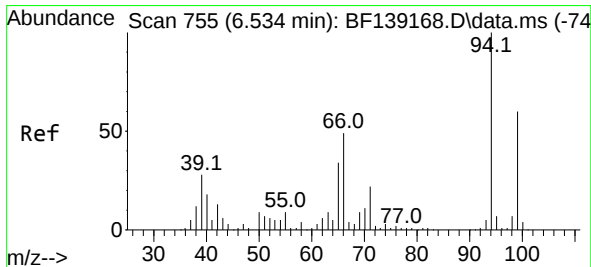
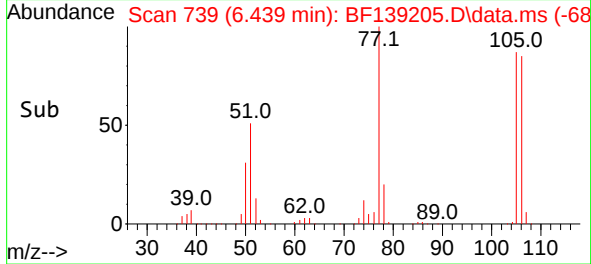
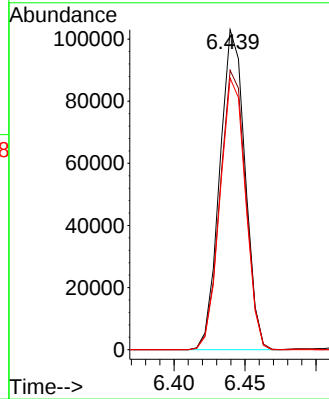
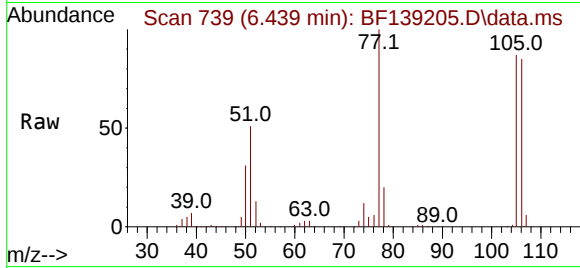
Tgt Ion: 77 Resp: 127533

Ion Ratio Lower Upper

77 100

105 87.3 68.7 108.7

106 84.8 64.2 104.2



#10

Phenol

Concen: 52.938 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

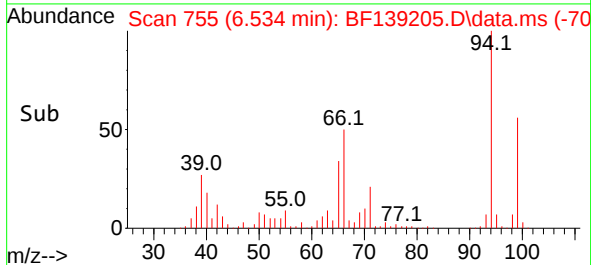
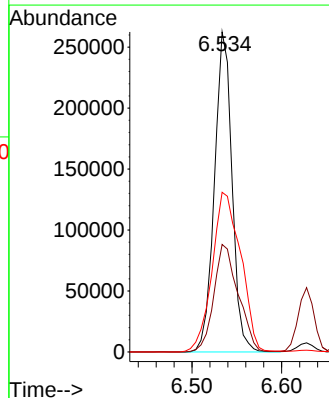
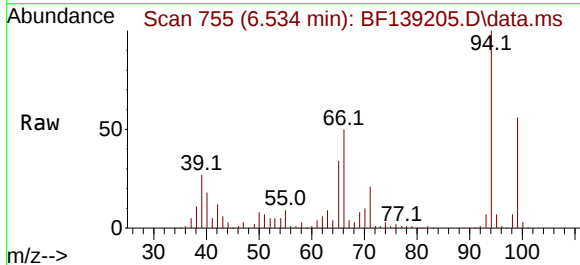
Tgt Ion: 94 Resp: 357960

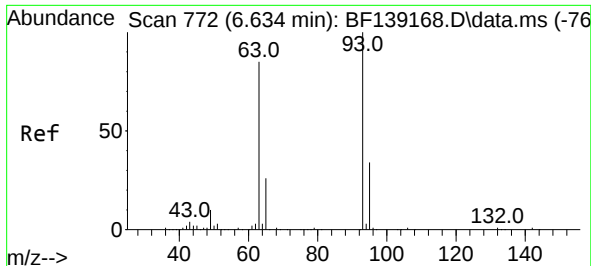
Ion Ratio Lower Upper

94 100

65 33.6 14.1 54.1

66 49.9 29.8 69.8

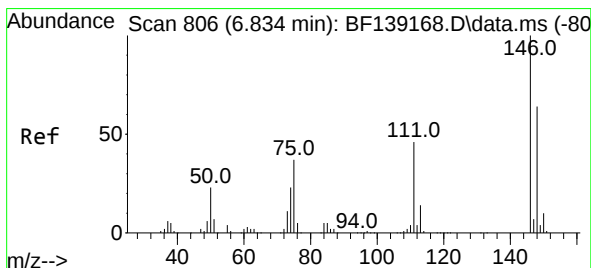
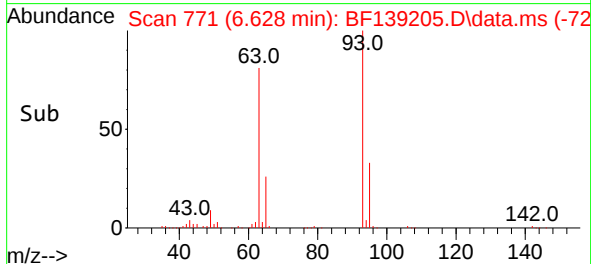
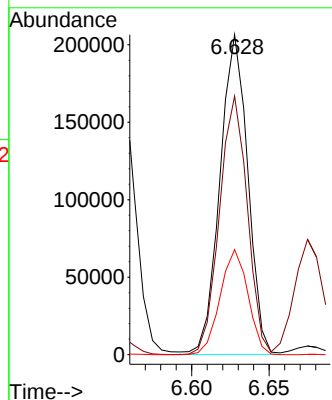
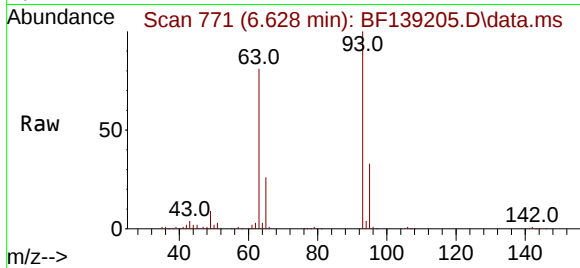




#11
bis(2-Chloroethyl)ether
Concen: 48.444 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

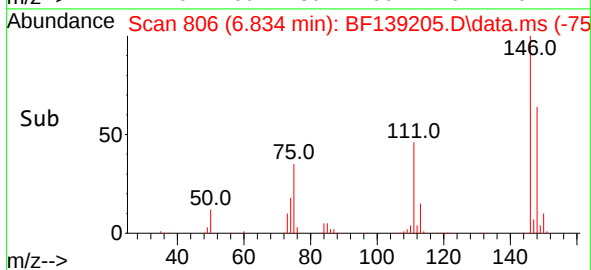
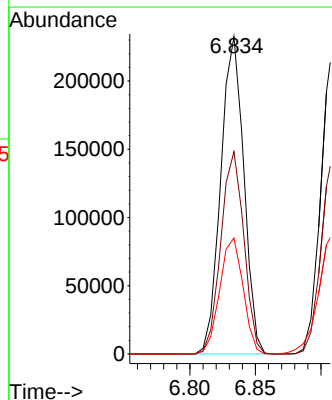
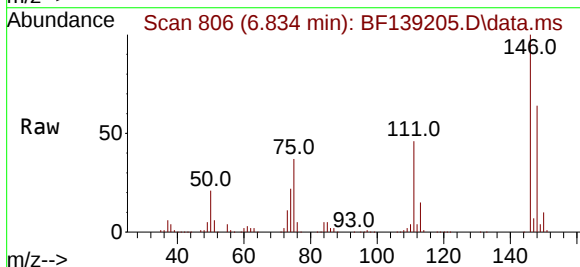
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

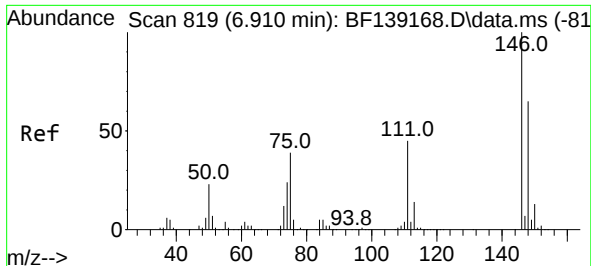
Tgt Ion: 93 Resp: 258094
Ion Ratio Lower Upper
93 100
63 80.8 62.4 102.4
95 32.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 46.421 ng
RT: 6.834 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:146 Resp: 283932
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 36.6 29.9 44.9

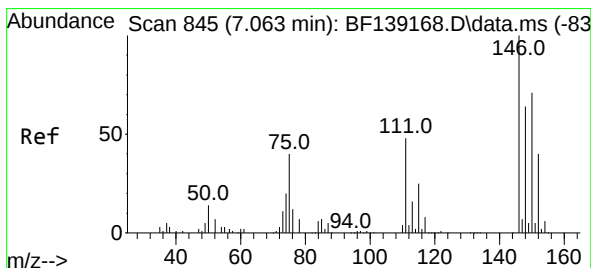
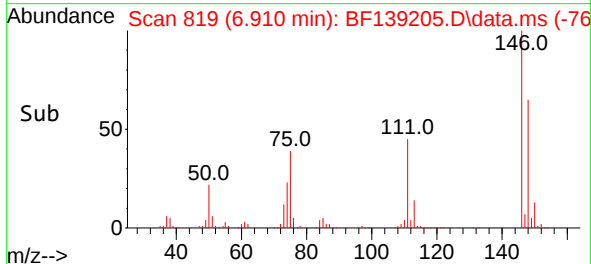
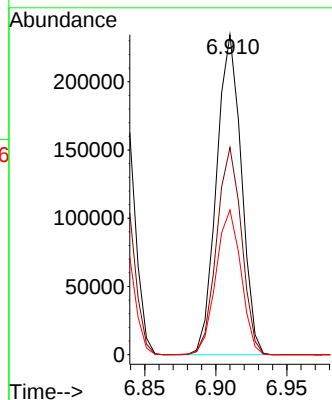
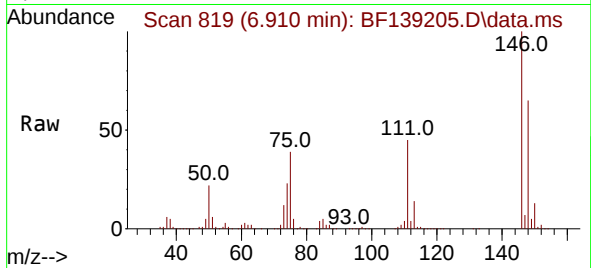




#13
1,4-Dichlorobenzene
Concen: 46.476 ng
RT: 6.910 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

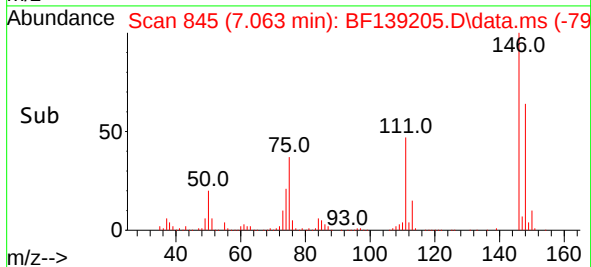
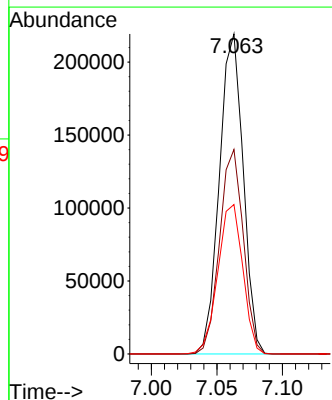
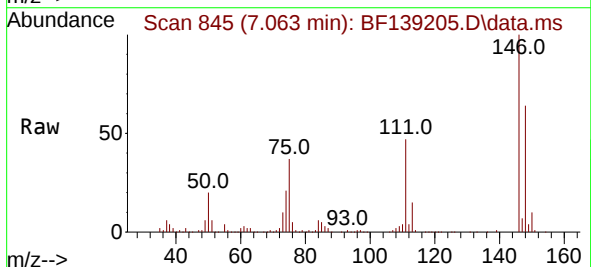
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

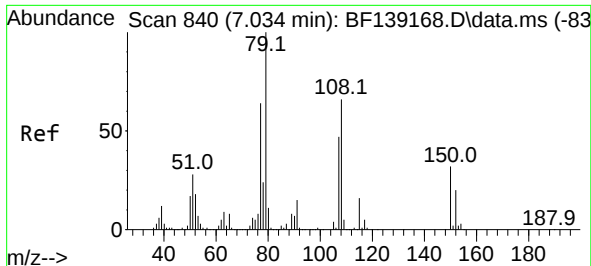
Tgt Ion:146 Resp: 285199
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 45.2 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 47.954 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:146 Resp: 276872
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
111 46.7 38.6 58.0

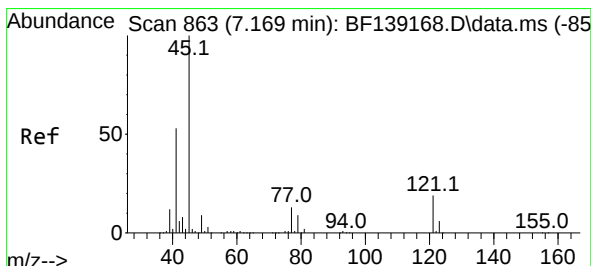
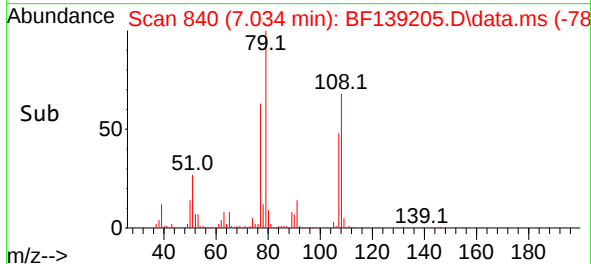
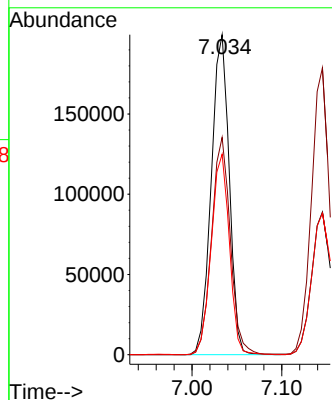
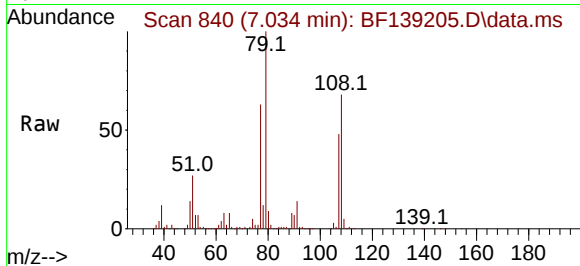




#15
Benzyl Alcohol
Concen: 54.900 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

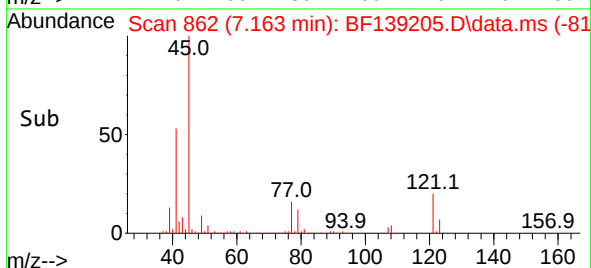
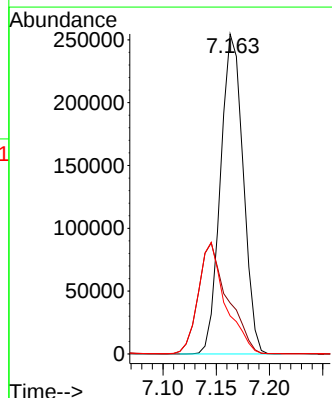
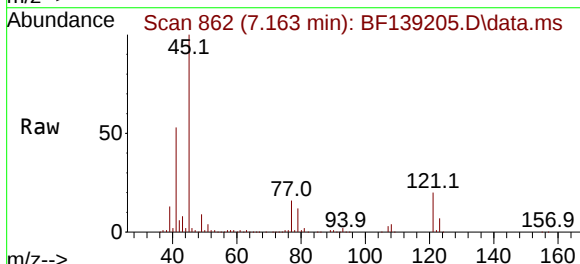
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

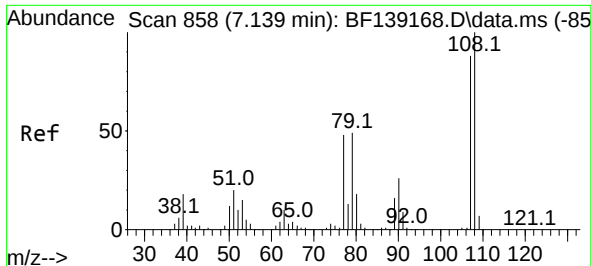
Tgt Ion: 79 Resp: 277252
Ion Ratio Lower Upper
79 100
108 67.9 52.7 79.1
77 62.6 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.721 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion: 45 Resp: 376286
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.9
79 11.9 0.0 30.5

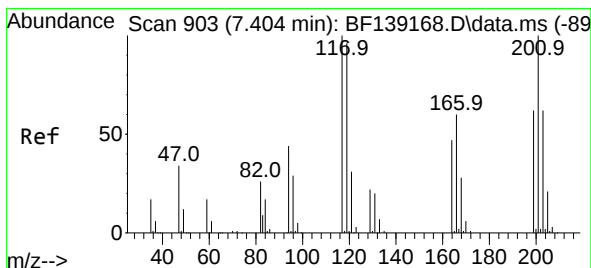
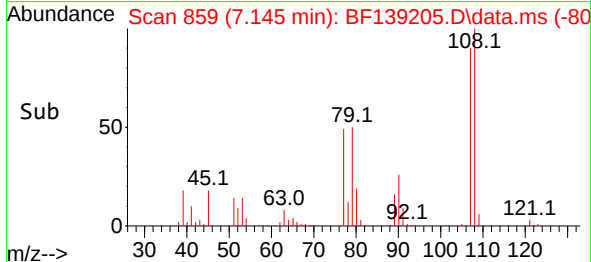
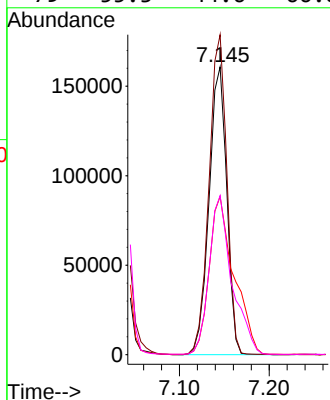
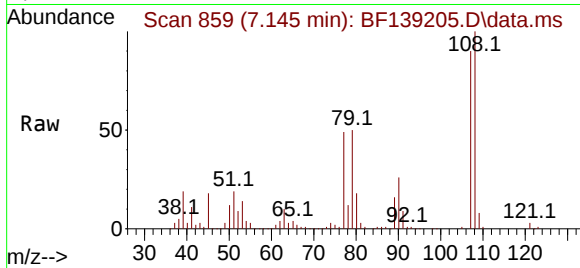




#17
2-Methylphenol
Concen: 52.078 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

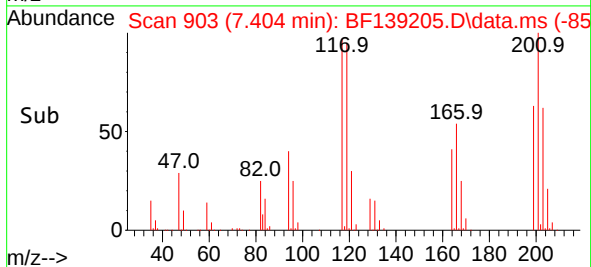
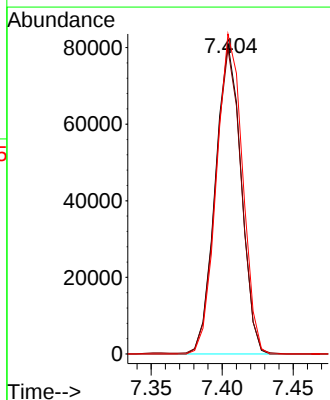
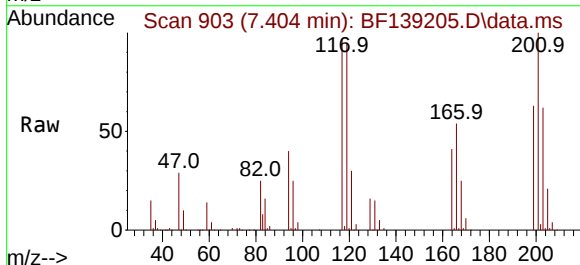
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

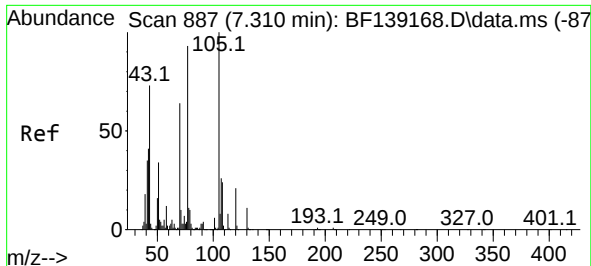
Tgt Ion:	107	Resp:	220203
Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.4	137.0
77	55.0	44.3	66.5
79	55.3	44.6	66.8



#18
Hexachloroethane
Concen: 52.584 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:	117	Resp:	102090
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.1	115.7
201	103.0	79.7	119.5

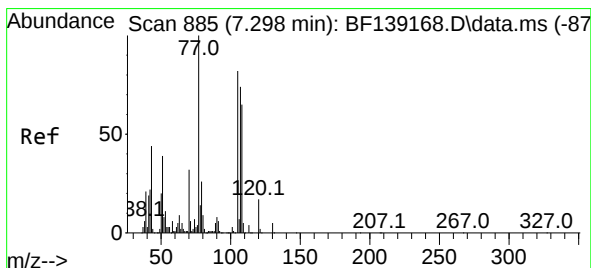
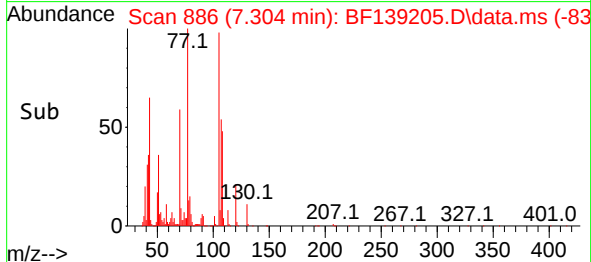
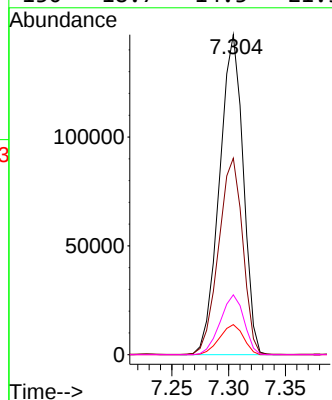
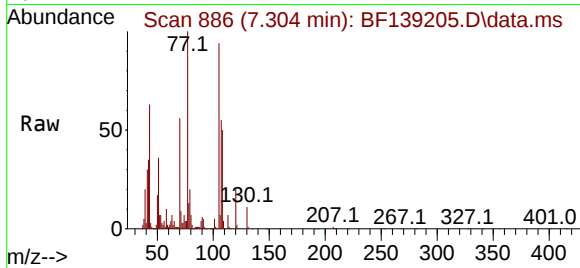




#19
n-Nitroso-di-n-propylamine
Concen: 53.360 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

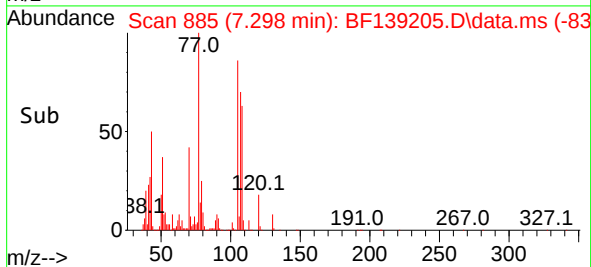
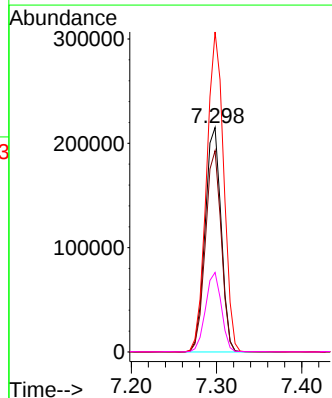
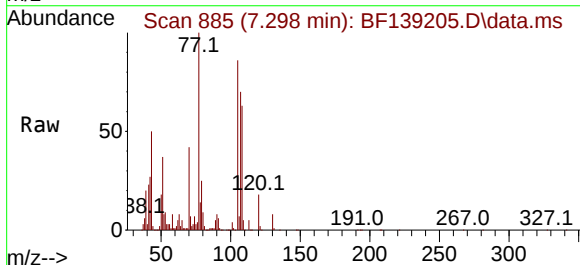
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

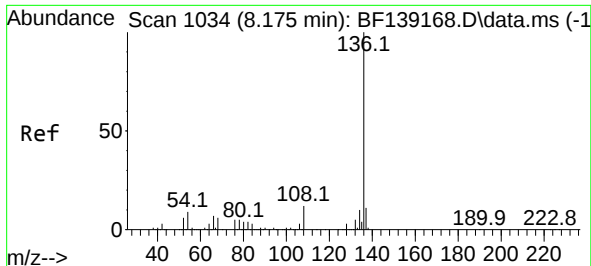
Tgt Ion:	70	Resp:	213827
Ion	Ratio	Lower	Upper
70	100		
42	61.4	50.8	76.2
101	9.4	7.4	11.0
130	18.7	14.3	21.5



#20
3+4-Methylphenols
Concen: 52.251 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:	107	Resp:	281814
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.5	108.5
77	142.5	115.7	155.7
79	35.4	15.9	55.9

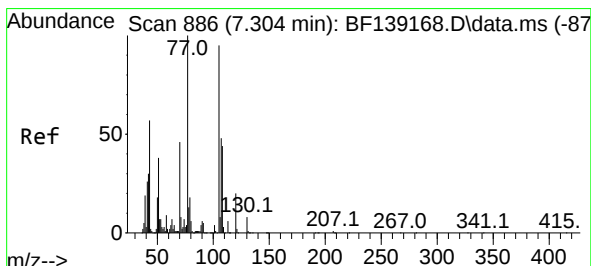
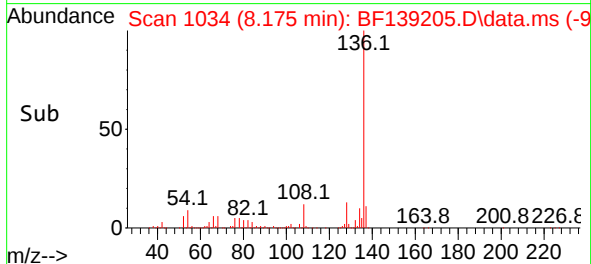
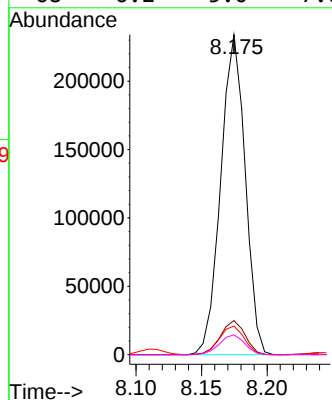
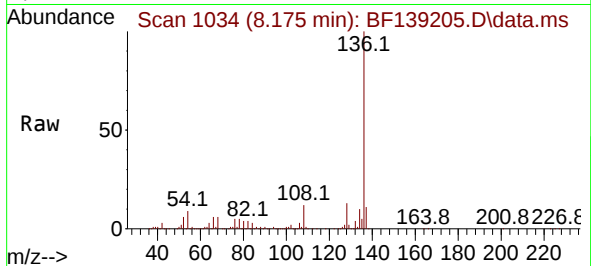




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

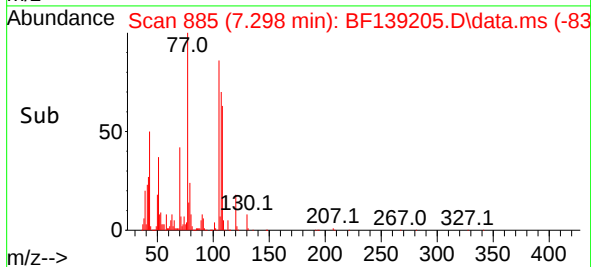
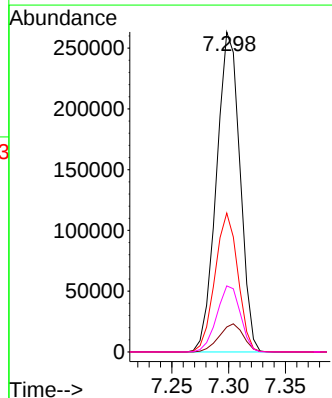
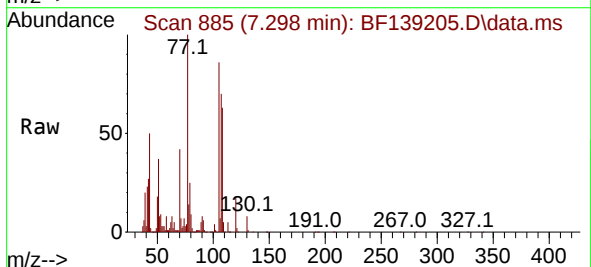
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

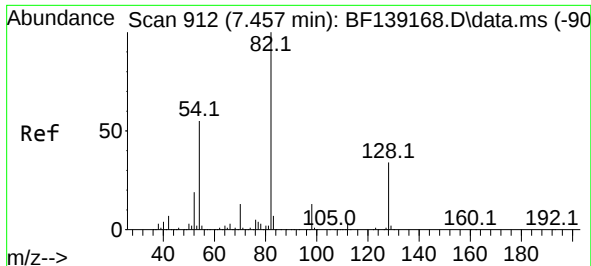
Tgt Ion:	136	Resp:	302933
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	12.8
54	8.9	7.6	11.4
68	6.2	5.0	7.6



#22
Acetophenone
Concen: 48.692 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:	105	Resp:	378999
Ion Ratio	Lower	Upper	
105	100		
71	7.8	6.5	9.7
51	43.4	31.8	47.6
120	20.7	16.9	25.3





#23

Nitrobenzene-d5

Concen: 75.908 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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

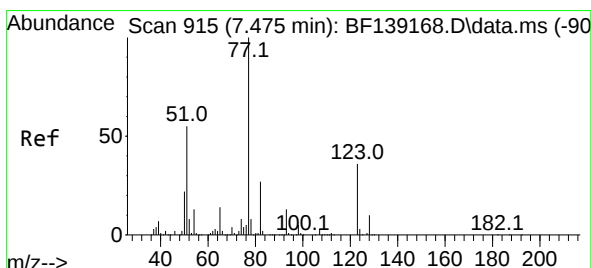
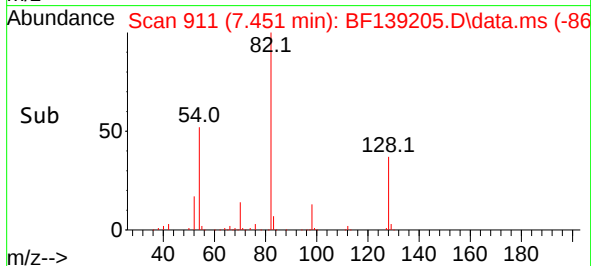
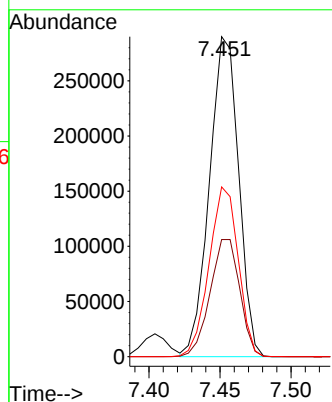
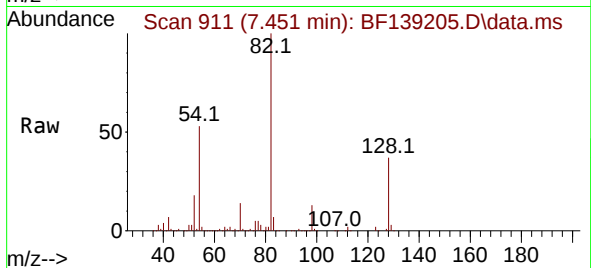
Tgt Ion: 82 Resp: 415073

Ion Ratio Lower Upper

82 100

128 36.6 27.1 40.7

54 53.1 44.2 66.4



#24

Nitrobenzene

Concen: 50.120 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

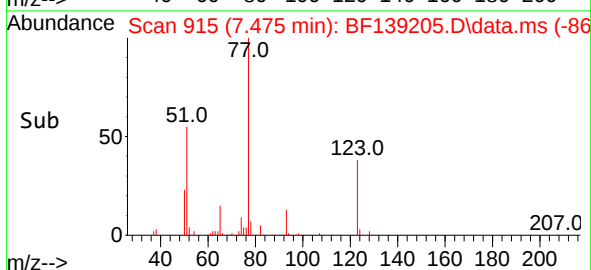
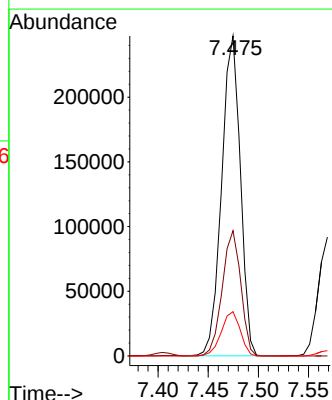
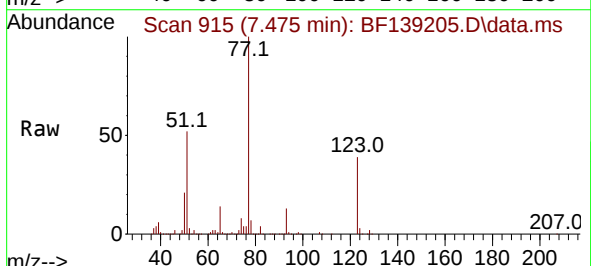
Tgt Ion: 77 Resp: 320296

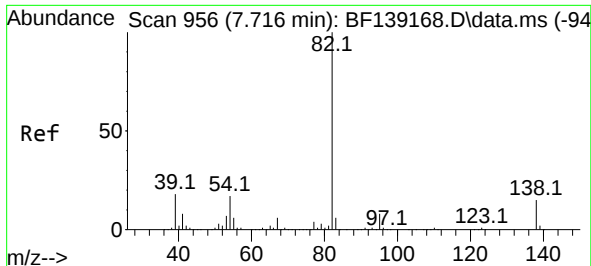
Ion Ratio Lower Upper

77 100

123 39.1 28.7 43.1

65 13.9 10.9 16.3

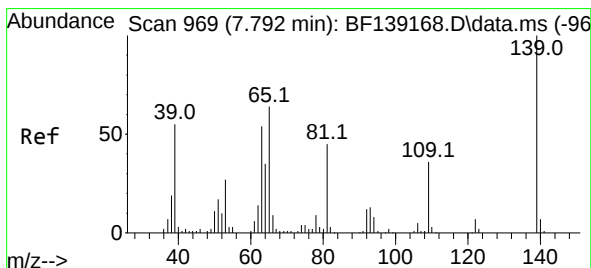
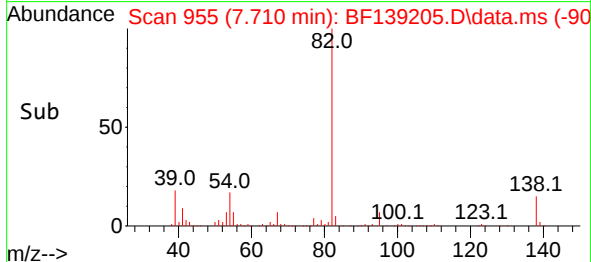
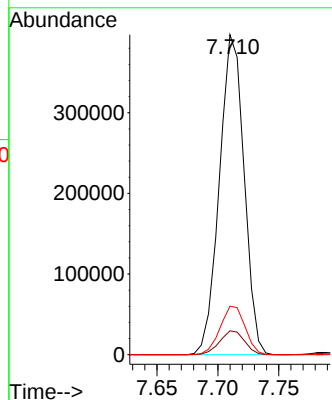
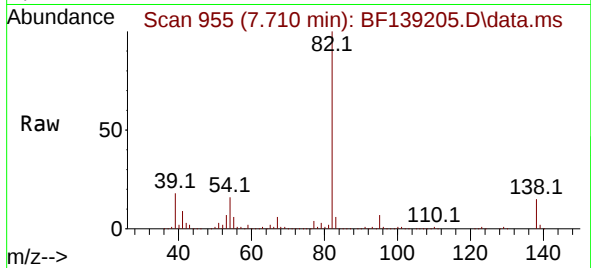




#25
Isophorone
Concen: 51.754 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

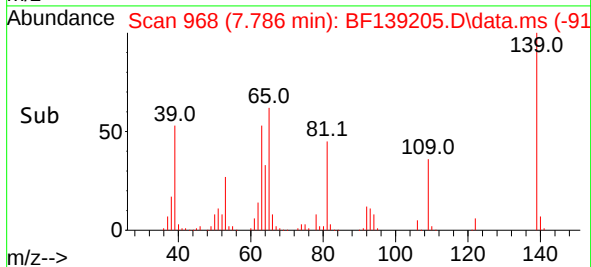
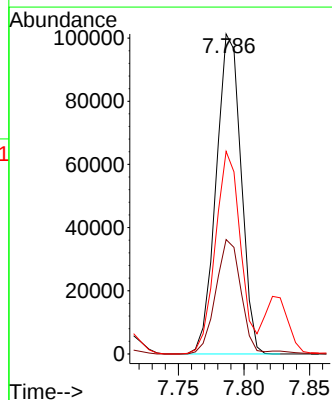
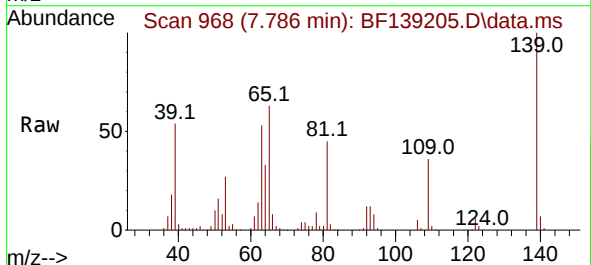
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

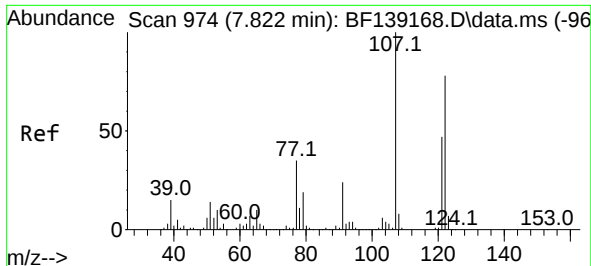
Tgt Ion: 82 Resp: 559634
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 15.2 12.2 18.4



#26
2-Nitrophenol
Concen: 63.453 ng
RT: 7.786 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:139 Resp: 133651
Ion Ratio Lower Upper
139 100
109 35.8 28.9 43.3
65 63.3 51.1 76.7

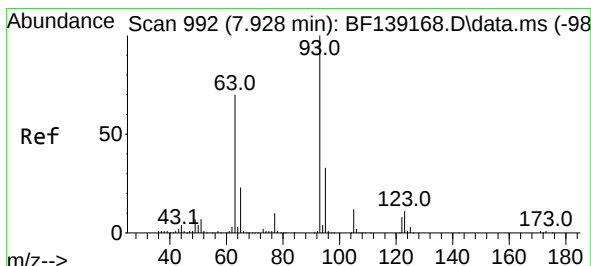
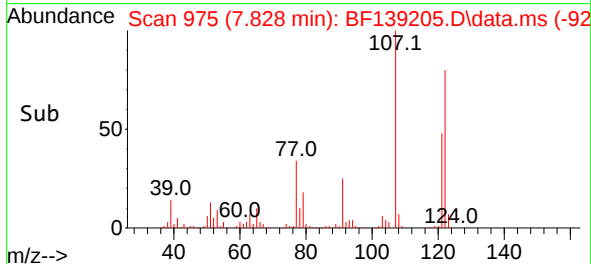
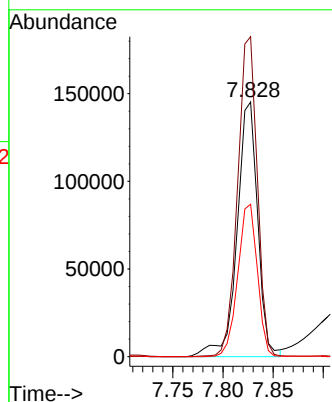
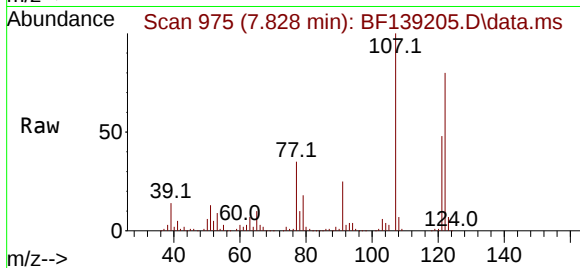




#27
2,4-Dimethylphenol
Concen: 65.065 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

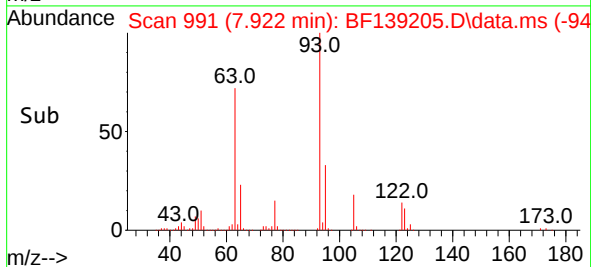
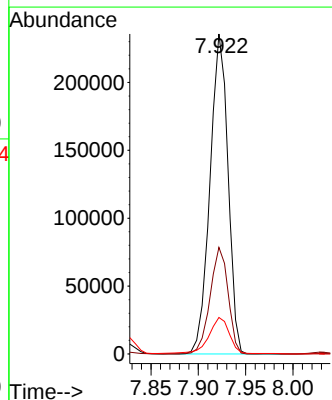
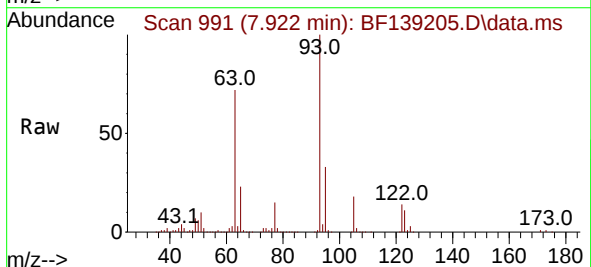
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

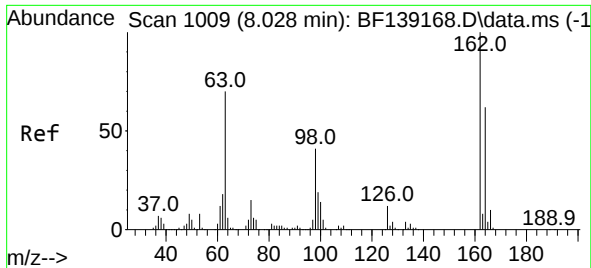
Tgt Ion:122 Resp: 208534
Ion Ratio Lower Upper
122 100
107 125.6 102.1 153.1
121 59.9 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.717 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion: 93 Resp: 311255
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 57.260 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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

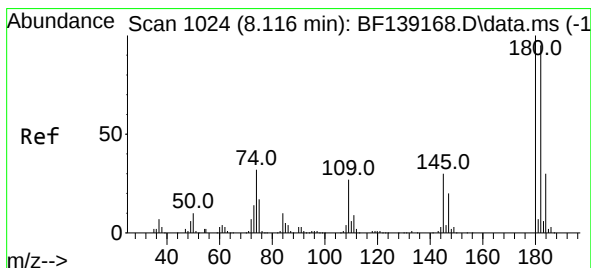
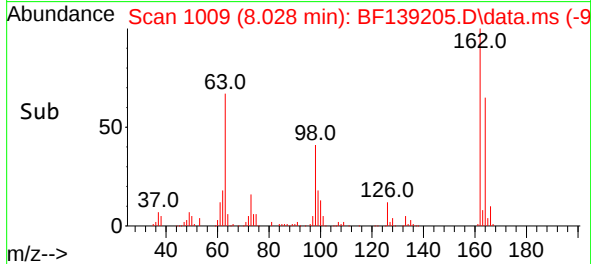
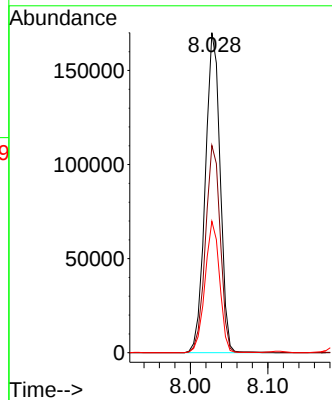
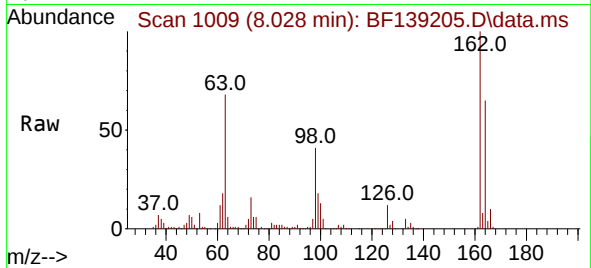
Tgt Ion:162 Resp: 226519

Ion Ratio Lower Upper

162 100

164 64.8 42.3 82.3

98 41.0 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 46.236 ng

RT: 8.116 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

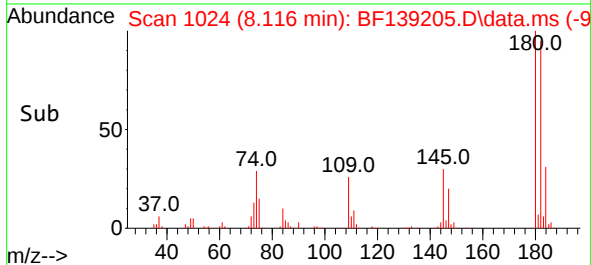
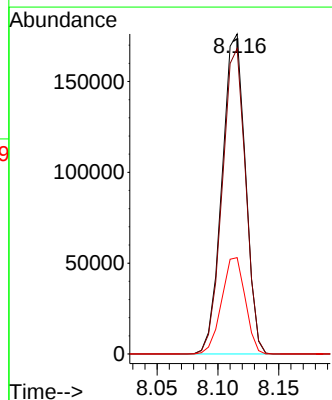
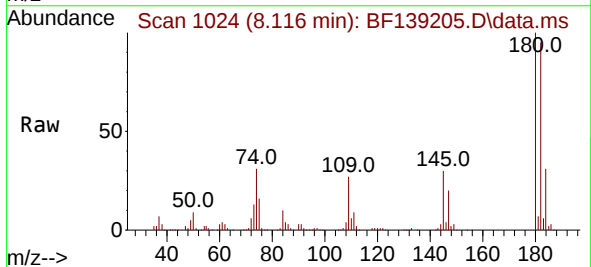
Tgt Ion:180 Resp: 235873

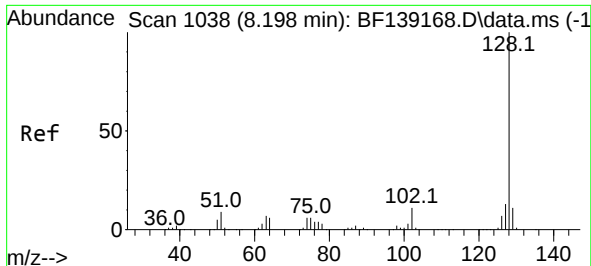
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 30.1 23.6 35.4

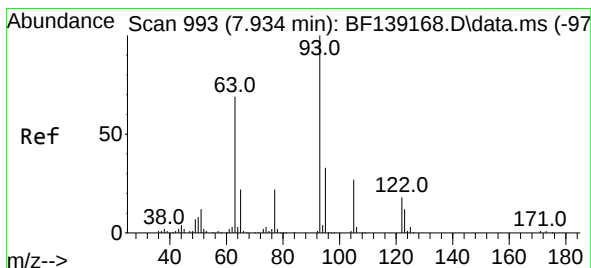
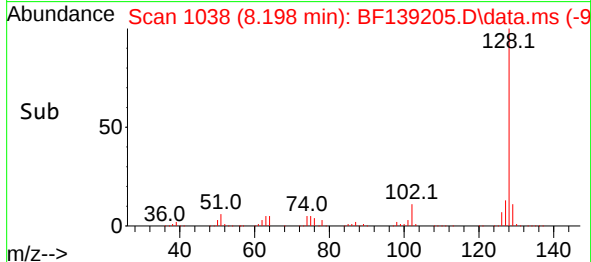
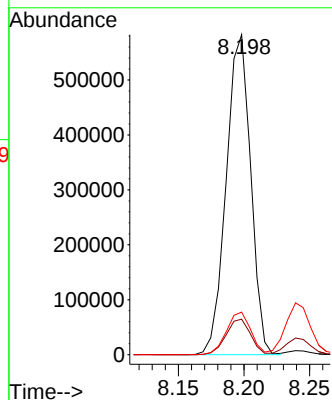
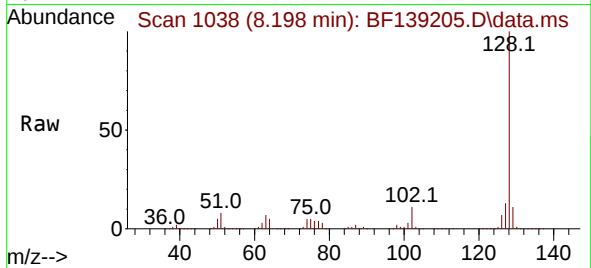




#31
Naphthalene
Concen: 48.840 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

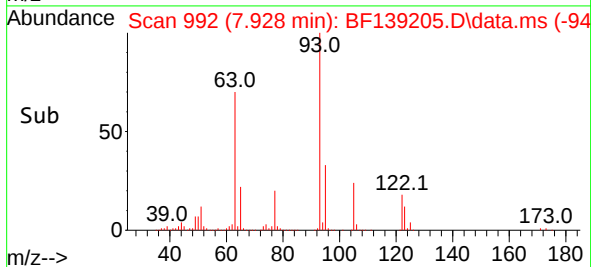
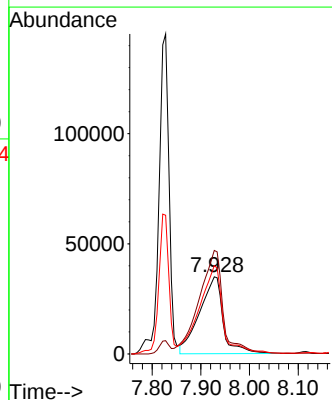
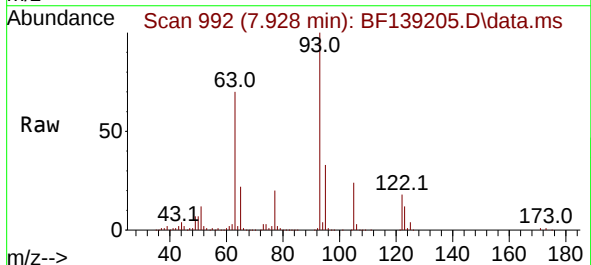
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

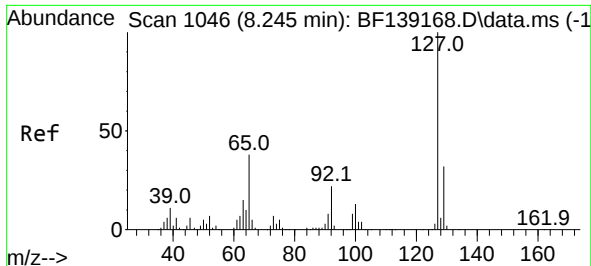
Tgt Ion:128 Resp: 756515
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 43.848 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:122 Resp: 117379
Ion Ratio Lower Upper
122 100
105 134.1 118.9 158.9
77 114.6 96.4 136.4

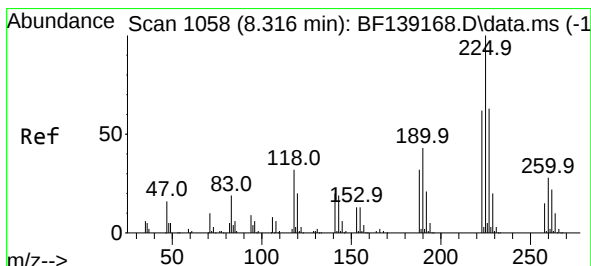
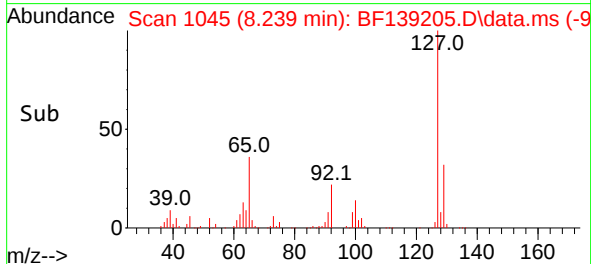
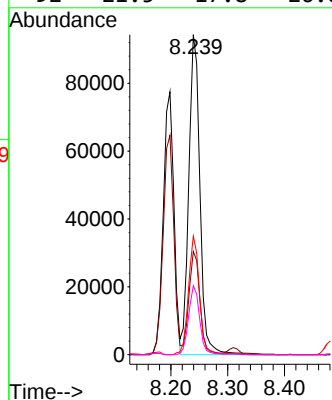
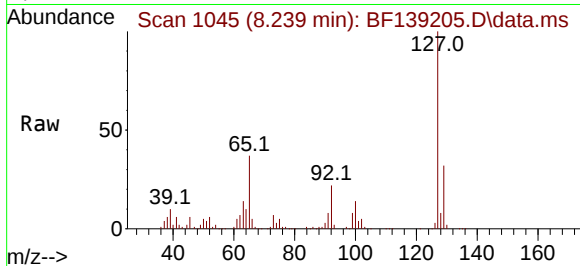




#33
4-Chloroaniline
Concen: 24.148 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

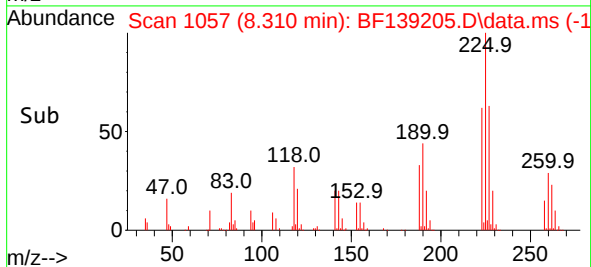
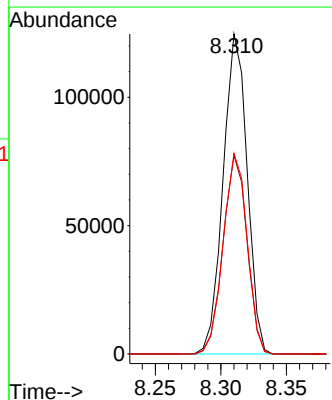
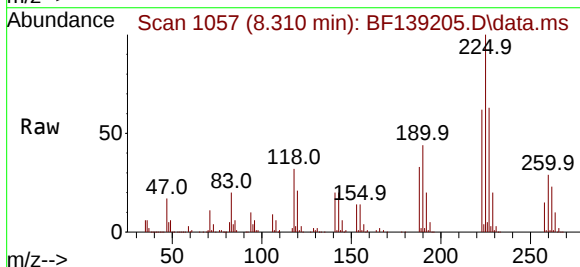
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

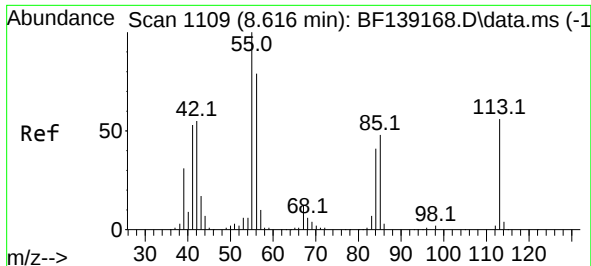
Tgt Ion:	127	Resp:	128902
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	37.1	30.8	46.2
92	21.5	17.8	26.8



#34
Hexachlorobutadiene
Concen: 47.890 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:	225	Resp:	158760
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	62.7	50.3	75.5

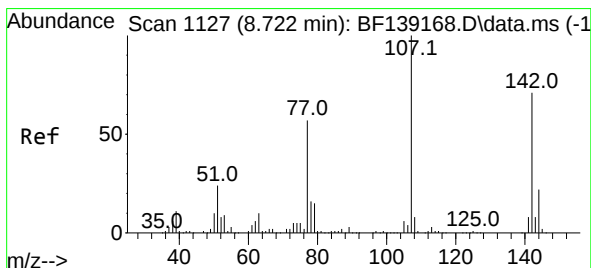
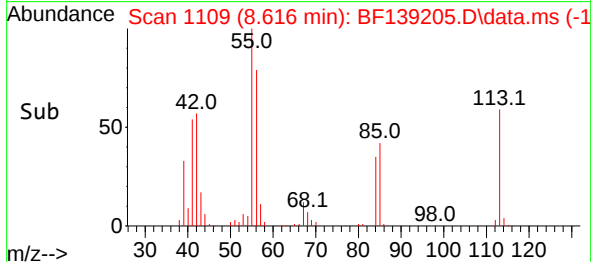
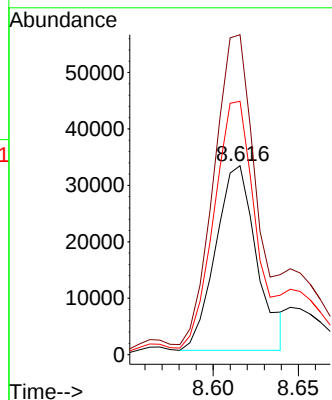
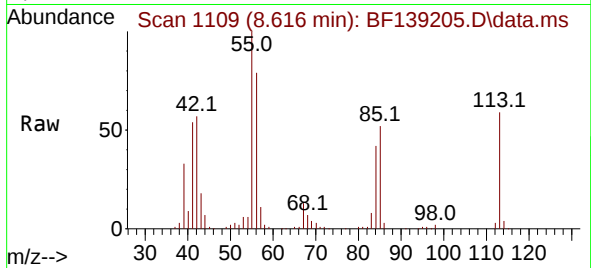




#35
 Caprolactam
 Concen: 45.392 ng
 RT: 8.616 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF139205.D
 Acq: 28 Aug 2024 13:16

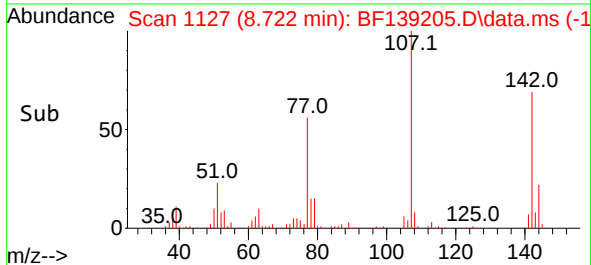
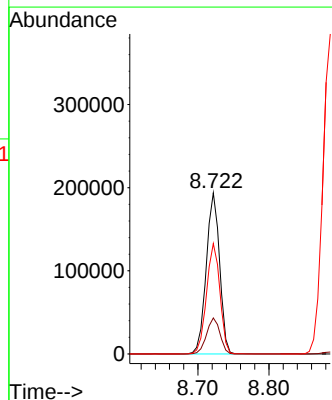
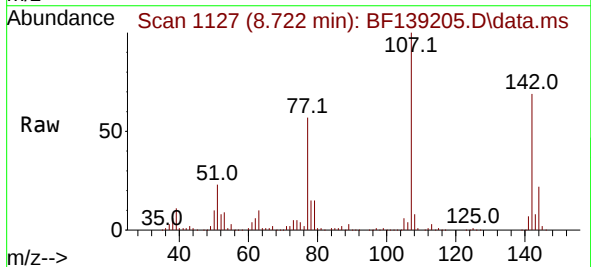
Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MS

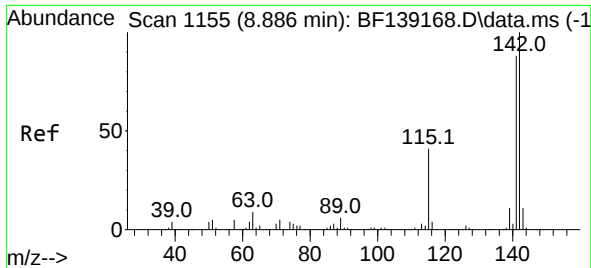
Tgt Ion:113 Resp: 55086
 Ion Ratio Lower Upper
 113 100
 55 169.3 158.0 198.0
 56 134.1 119.6 159.6



#36
 4-Chloro-3-methylphenol
 Concen: 56.029 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: BF139205.D
 Acq: 28 Aug 2024 13:16

Tgt Ion:107 Resp: 254207
 Ion Ratio Lower Upper
 107 100
 144 22.4 17.8 26.8
 142 68.6 56.6 84.8

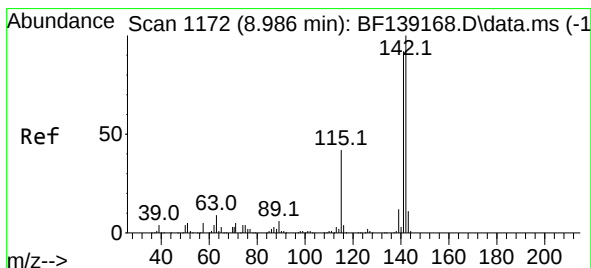
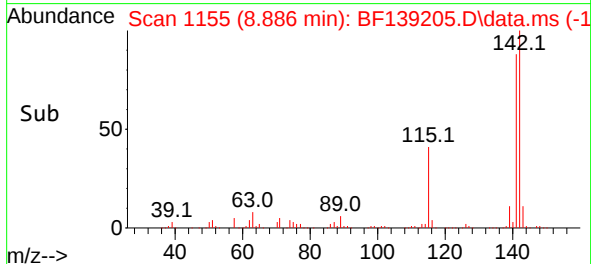
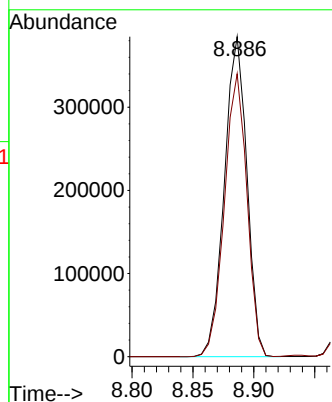
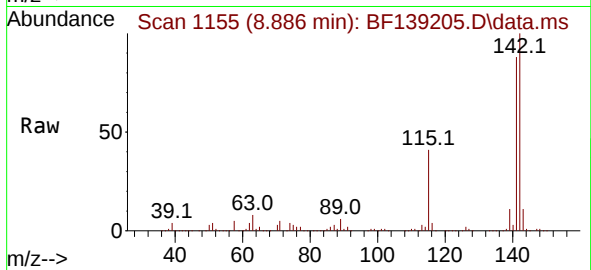




#37
2-Methylnaphthalene
Concen: 51.125 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

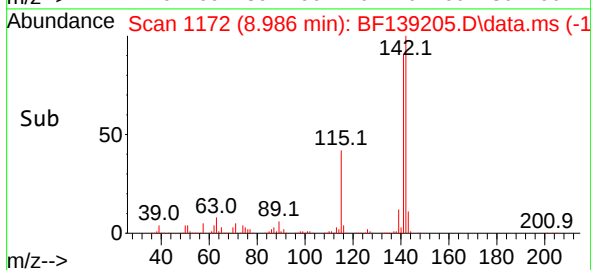
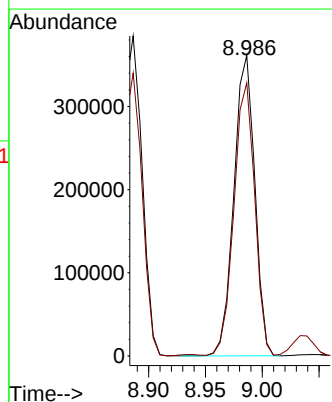
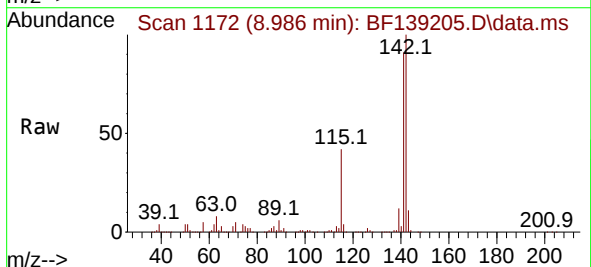
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

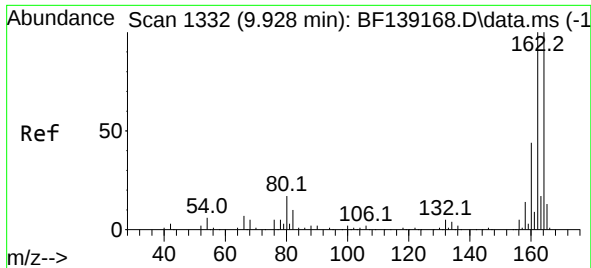
Tgt Ion:142 Resp: 496445
Ion Ratio Lower Upper
142 100
141 88.4 70.2 105.2



#38
1-Methylnaphthalene
Concen: 48.748 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:142 Resp: 462661
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.2

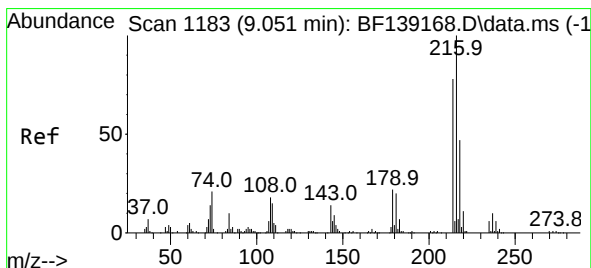
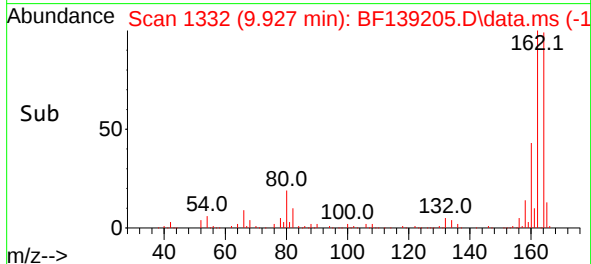
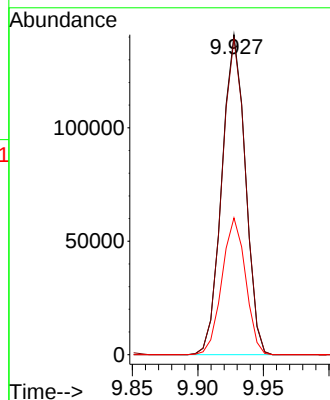
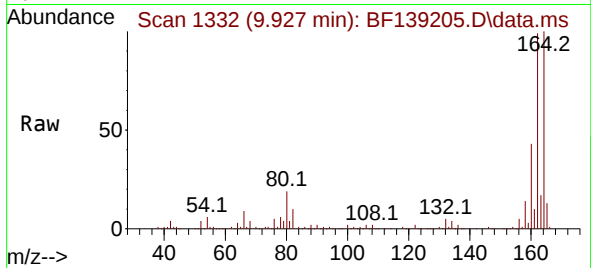




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

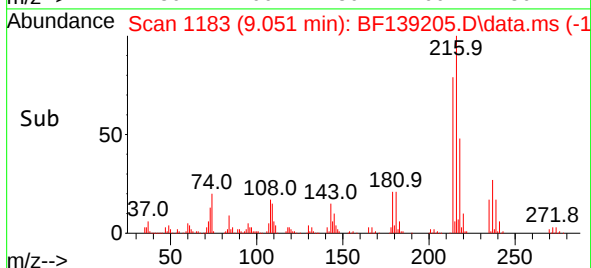
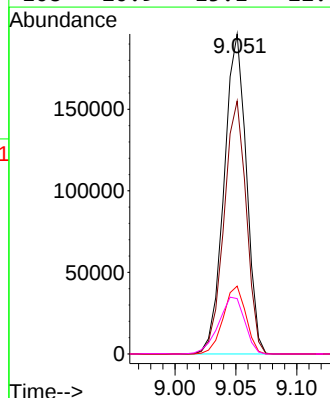
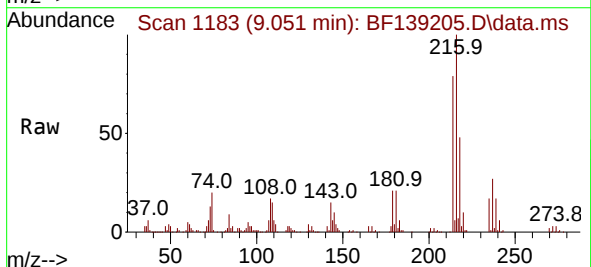
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

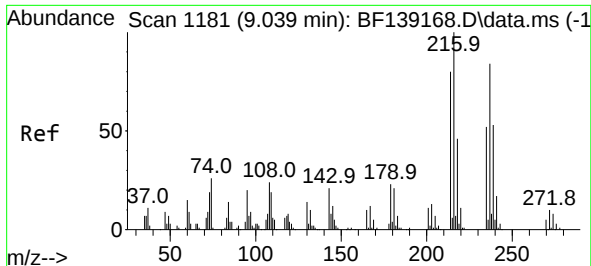
Tgt Ion:164 Resp: 175605
Ion Ratio Lower Upper
164 100
162 98.8 80.0 120.0
160 42.8 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.936 ng
RT: 9.051 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:216 Resp: 249682
Ion Ratio Lower Upper
216 100
214 78.9 62.5 93.7
179 21.4 17.5 26.3
108 20.9 15.1 22.7

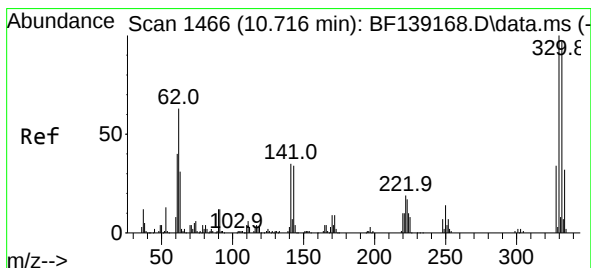
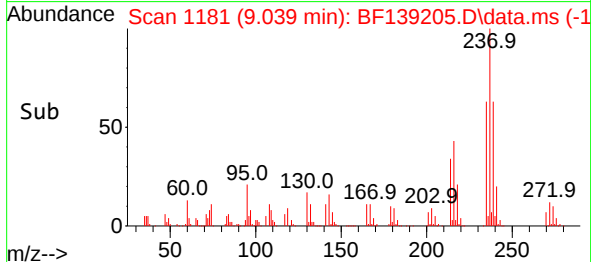
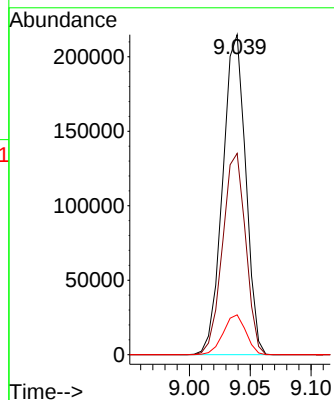
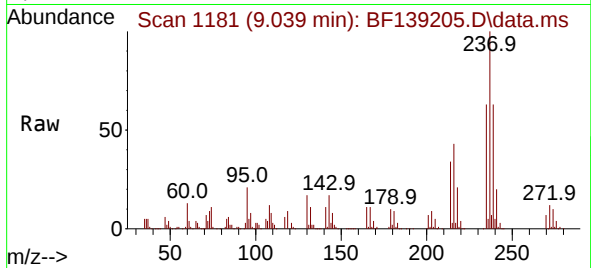




#41
Hexachlorocyclopentadiene
Concen: 168.894 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

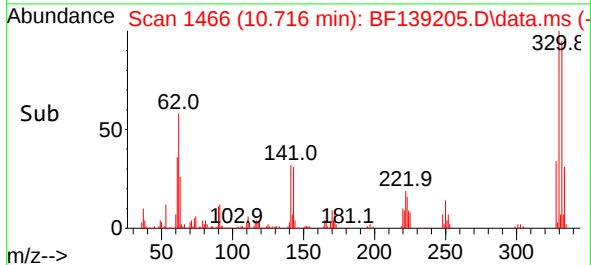
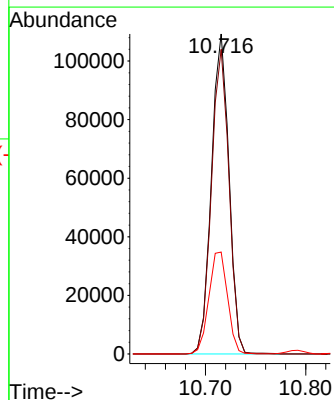
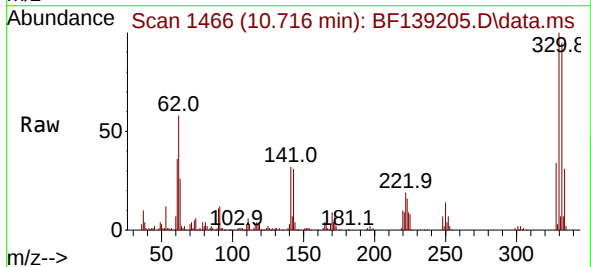
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

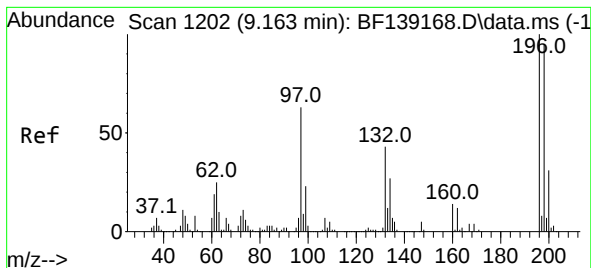
Tgt Ion:237 Resp: 282478
Ion Ratio Lower Upper
237 100
235 62.9 42.1 82.1
272 12.4 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 88.091 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:330 Resp: 132486
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 34.0 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 58.665 ng

RT: 9.163 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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

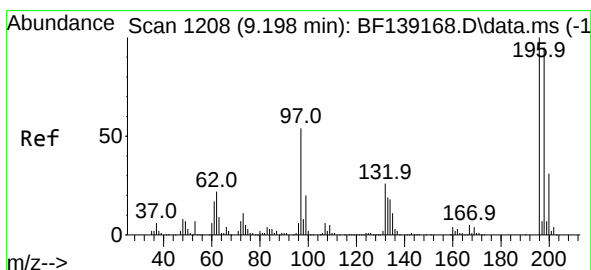
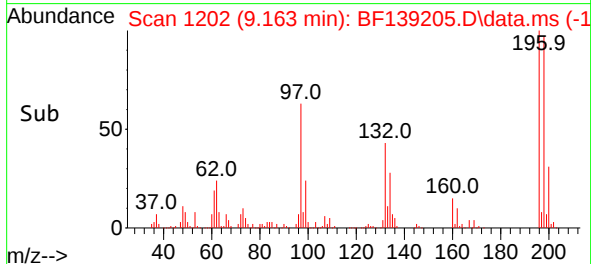
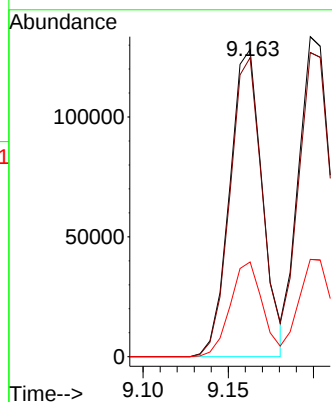
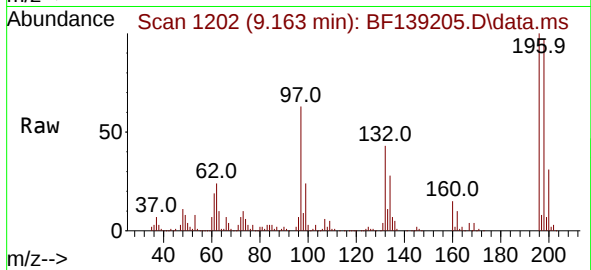
Tgt Ion:196 Resp: 170857

Ion Ratio Lower Upper

196 100

198 97.4 75.8 113.8

200 30.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 56.782 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Tgt Ion:196 Resp: 173343

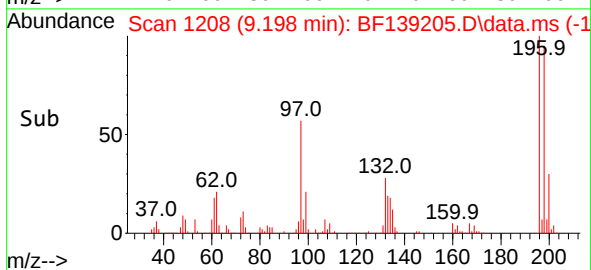
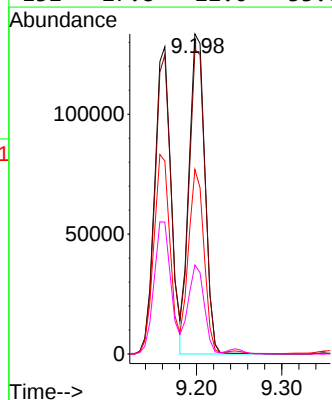
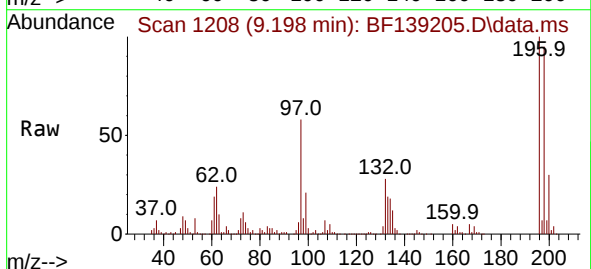
Ion Ratio Lower Upper

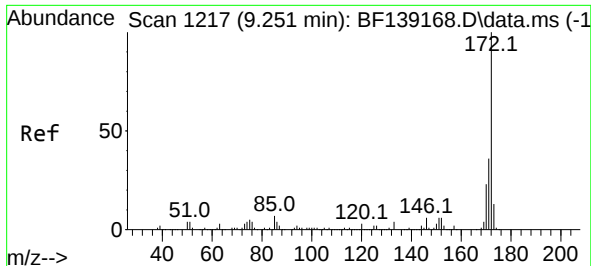
196 100

198 95.1 75.7 113.5

97 57.7 44.9 67.3

132 27.8 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 47.282 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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

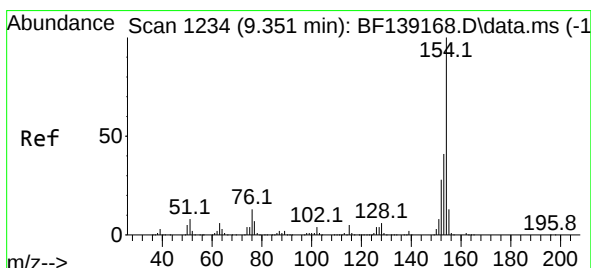
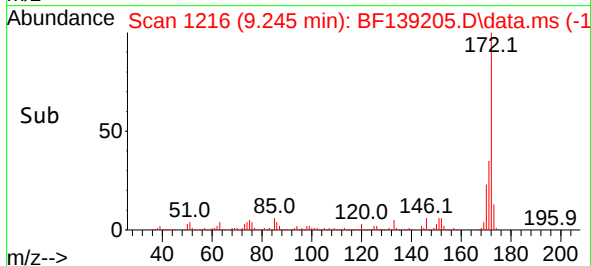
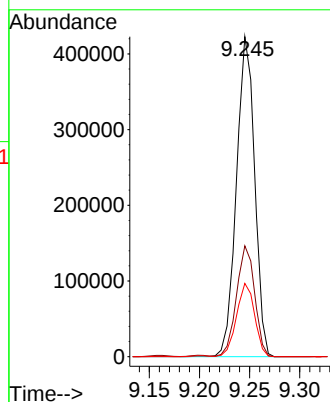
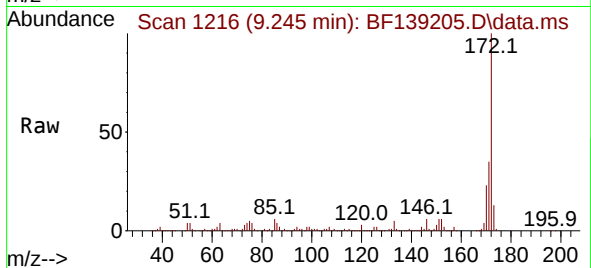
Tgt Ion:172 Resp: 534518

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 22.9 18.8 28.2



#46

1,1'-Biphenyl

Concen: 47.903 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

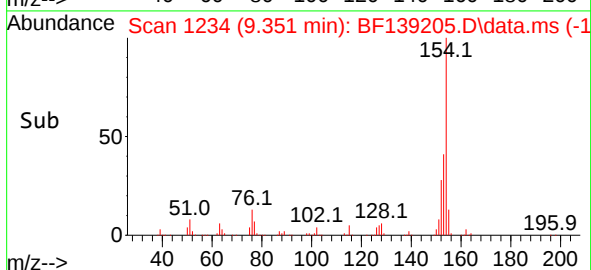
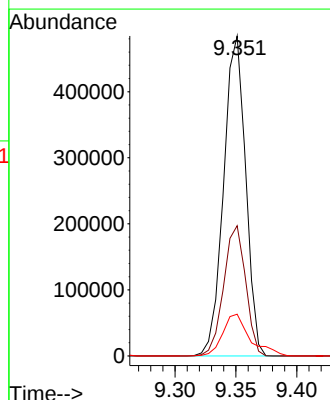
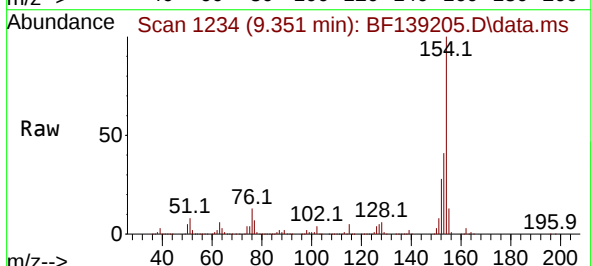
Tgt Ion:154 Resp: 608882

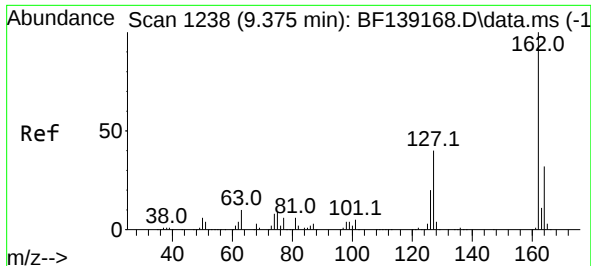
Ion Ratio Lower Upper

154 100

153 40.7 20.7 60.7

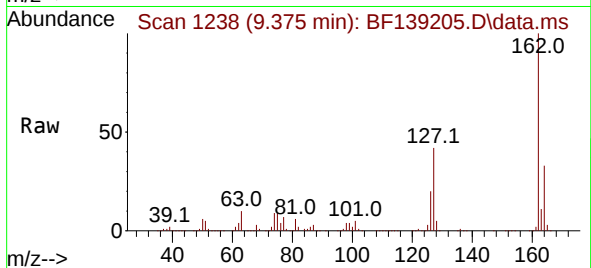
76 13.1 0.0 33.4



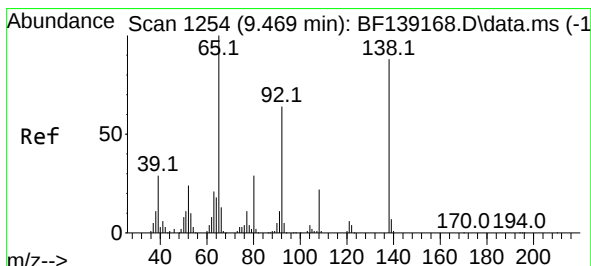
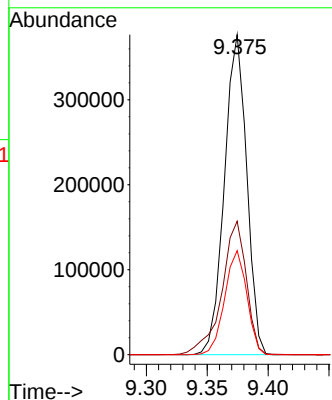
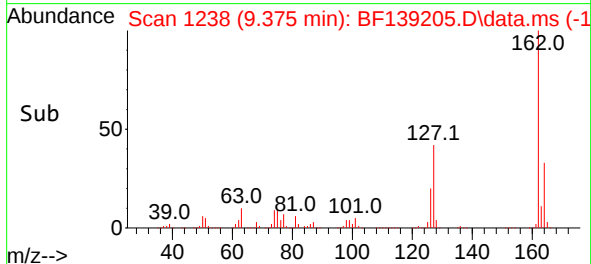


#47
2-Chloronaphthalene
Concen: 47.366 ng
RT: 9.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

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

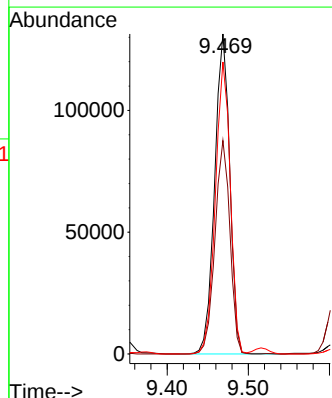
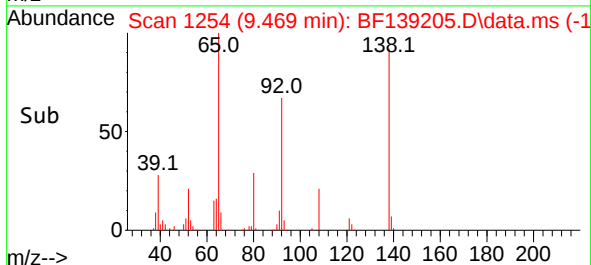
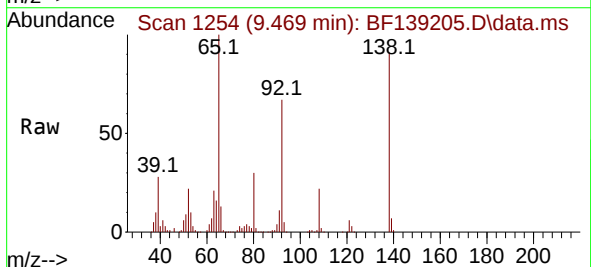


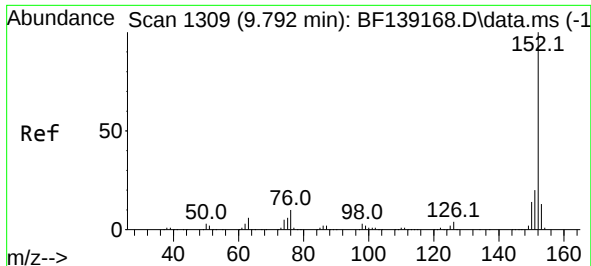
Tgt Ion:162 Resp: 480318
Ion Ratio Lower Upper
162 100
127 41.7 32.4 48.6
164 32.5 25.9 38.9



#48
2-Nitroaniline
Concen: 55.853 ng
RT: 9.469 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion: 65 Resp: 169934
Ion Ratio Lower Upper
65 100
92 66.7 51.2 76.8
138 91.2 70.0 105.0

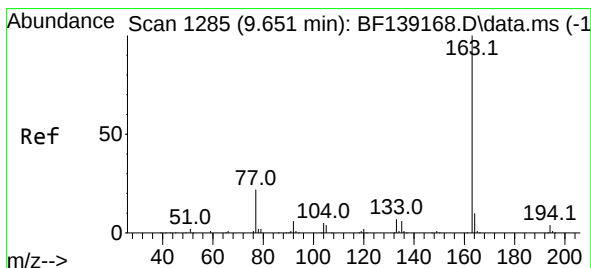
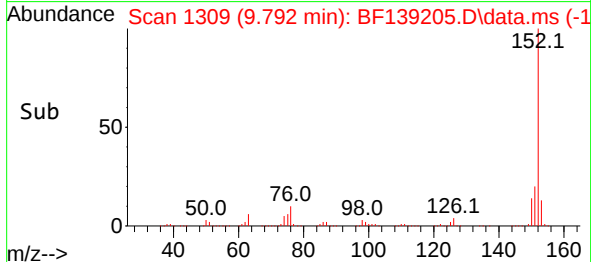
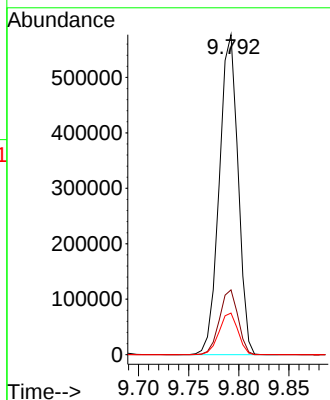
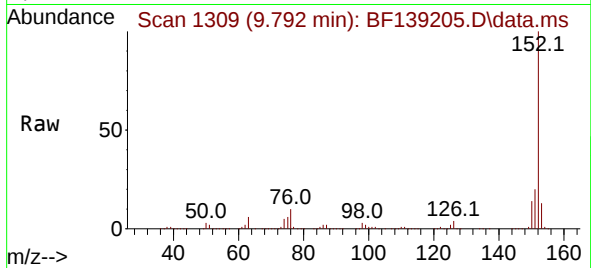




#49
Acenaphthylene
Concen: 52.445 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

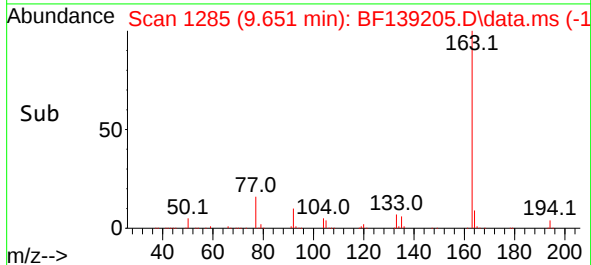
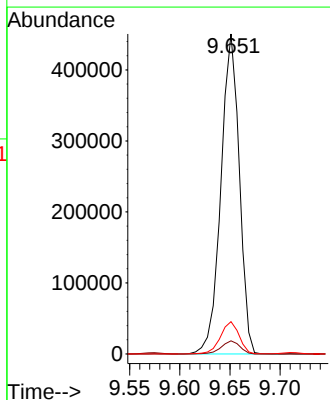
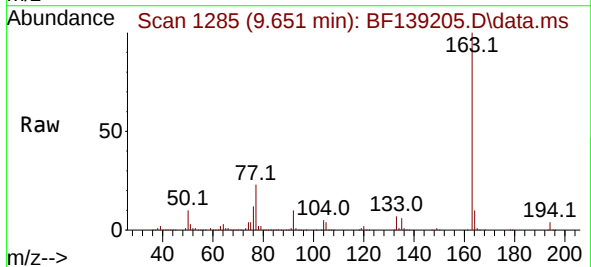
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

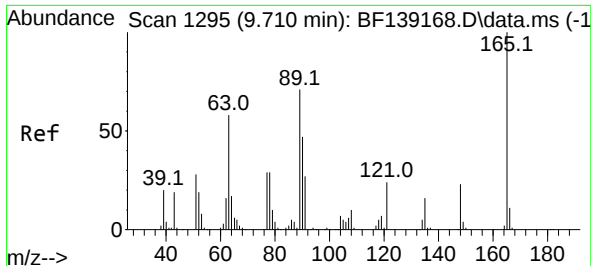
Tgt Ion:152 Resp: 749360
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 56.533 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:163 Resp: 573477
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 55.959 ng

RT: 9.710 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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

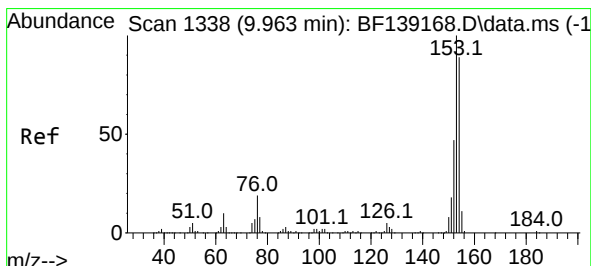
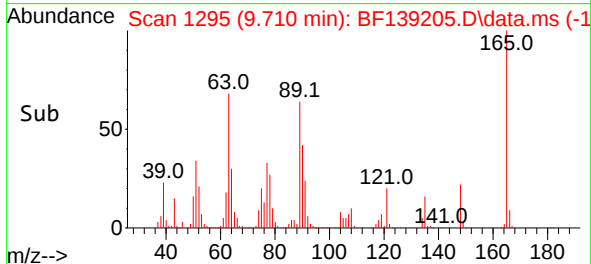
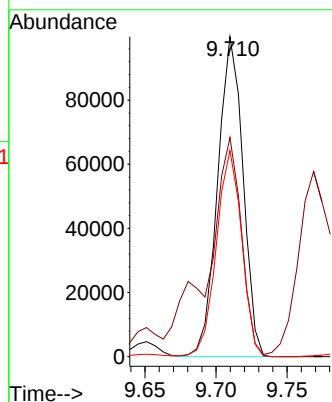
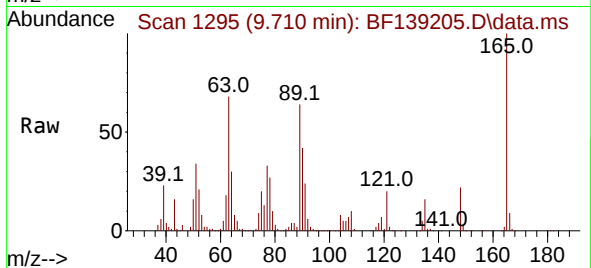
Tgt Ion:165 Resp: 123594

Ion Ratio Lower Upper

165 100

63 68.5 60.1 90.1

89 64.4 57.0 85.6



#52

Acenaphthene

Concen: 53.654 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

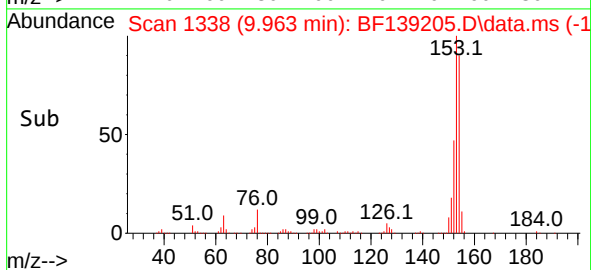
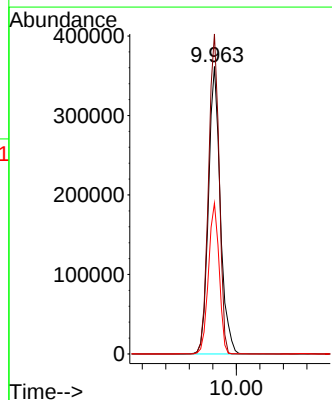
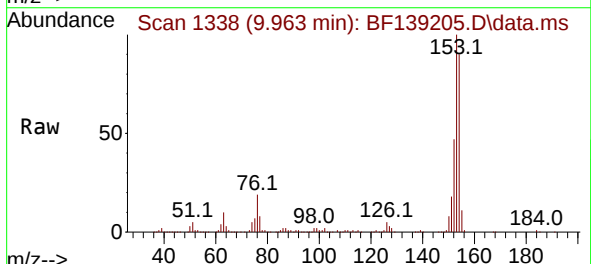
Tgt Ion:154 Resp: 503618

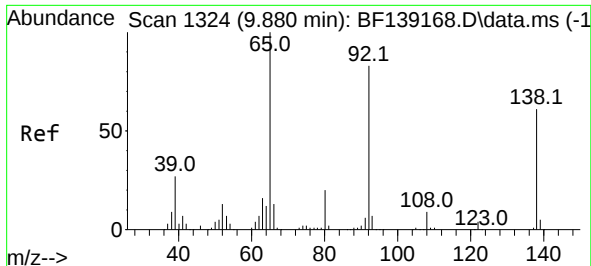
Ion Ratio Lower Upper

154 100

153 111.4 90.0 135.0

152 52.4 42.4 63.6

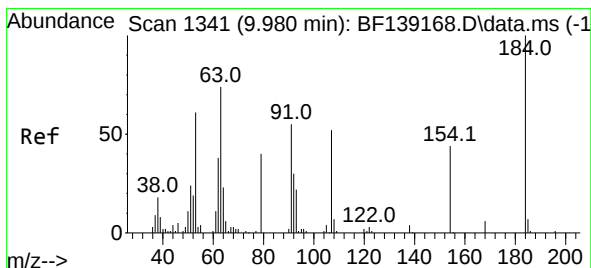
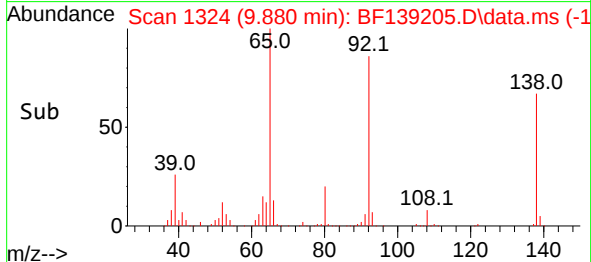
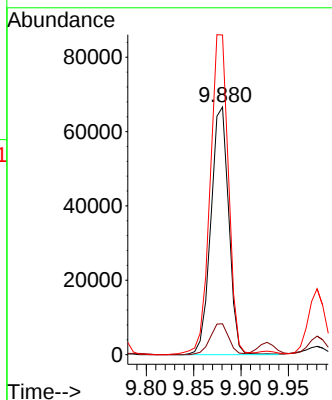
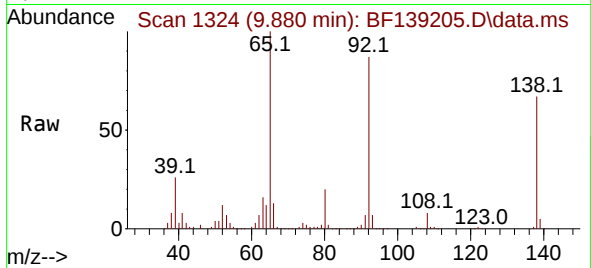




#53
3-Nitroaniline
Concen: 40.197 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

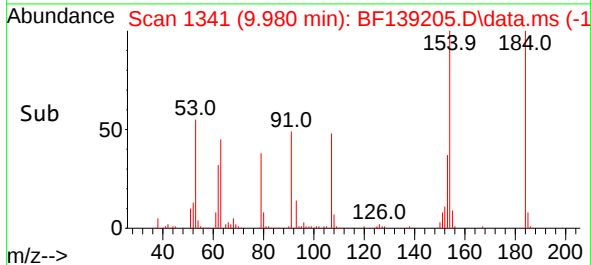
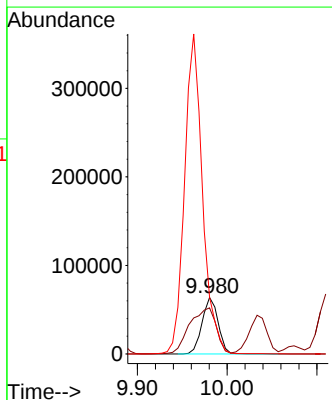
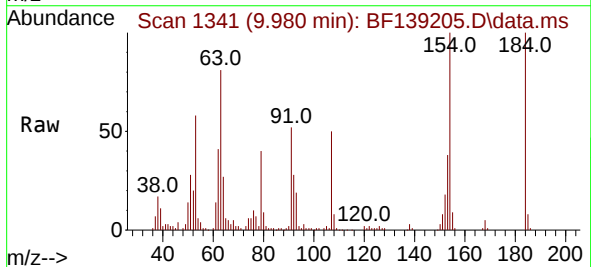
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

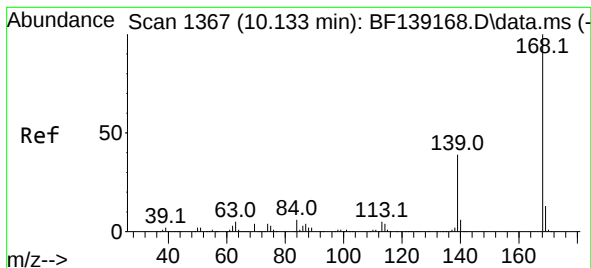
Tgt Ion:138 Resp: 87242
Ion Ratio Lower Upper
138 100
108 12.5 11.8 17.6
92 129.0 108.2 162.2



#54
2,4-Dinitrophenol
Concen: 77.911 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:184 Resp: 79071
Ion Ratio Lower Upper
184 100
63 81.6 72.1 108.1
154 100.5 135.3 202.9#





#55

Dibenzofuran

Concen: 49.582 ng

RT: 10.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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

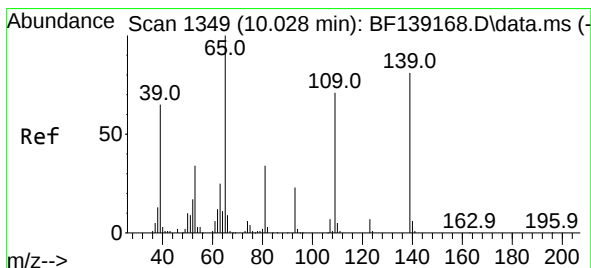
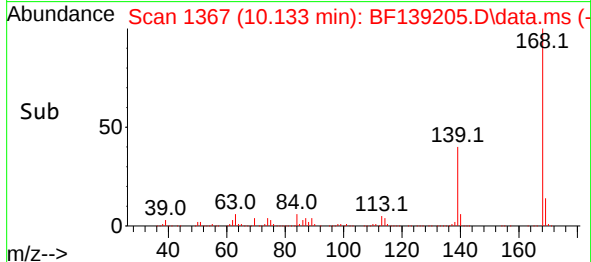
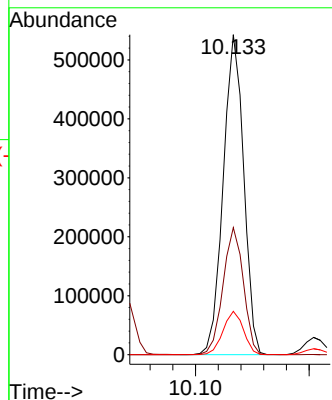
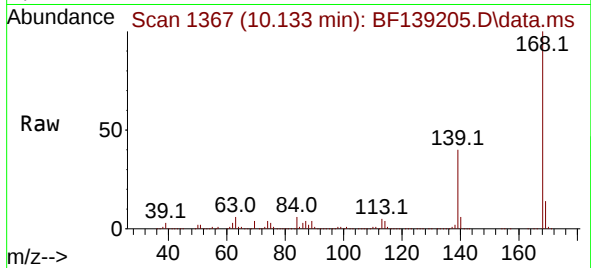
Tgt Ion:168 Resp: 679218

Ion Ratio Lower Upper

168 100

139 39.7 31.5 47.3

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 86.328 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.005 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

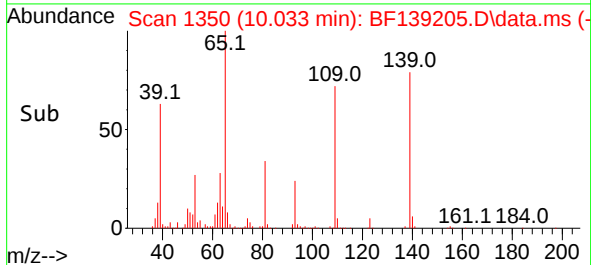
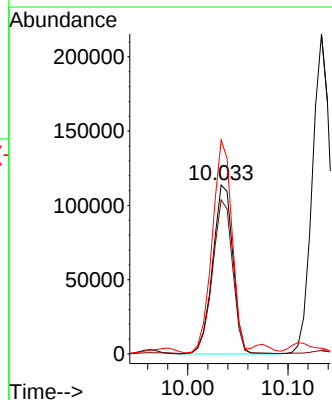
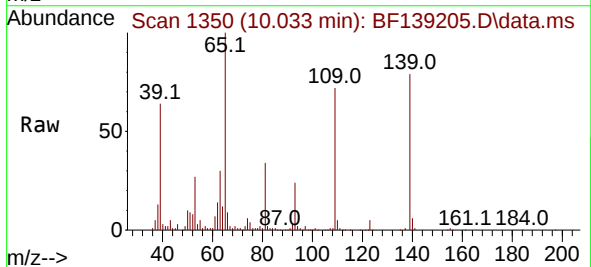
Tgt Ion:139 Resp: 160741

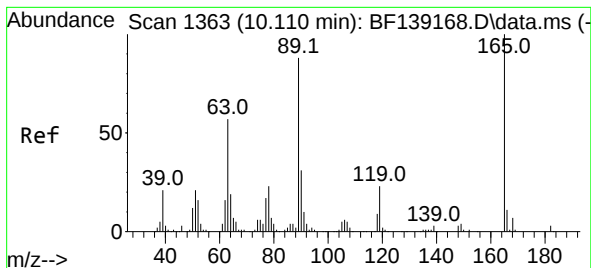
Ion Ratio Lower Upper

139 100

109 91.2 68.2 108.2

65 126.7 104.7 144.7

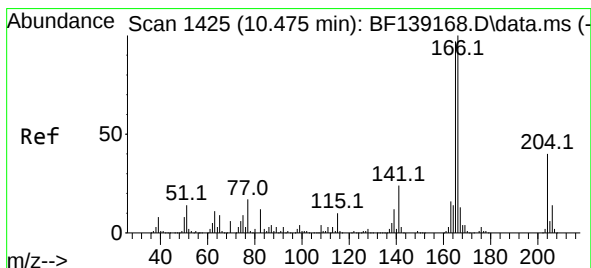
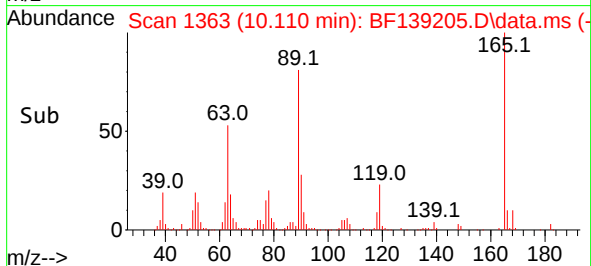
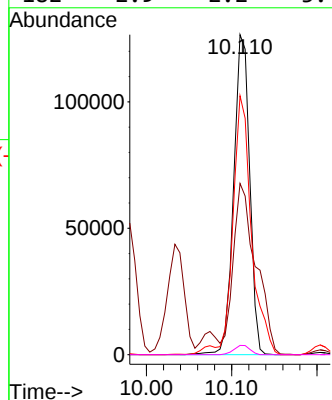
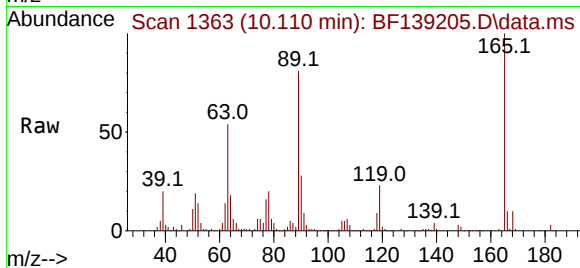




#57
2,4-Dinitrotoluene
Concen: 58.423 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

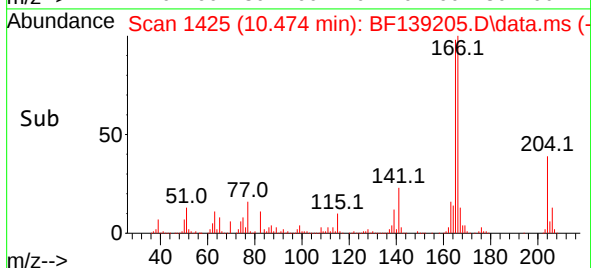
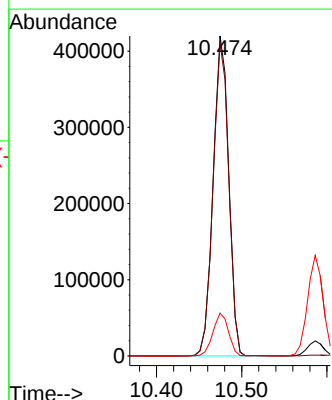
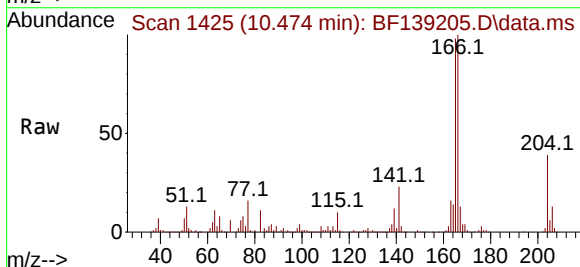
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

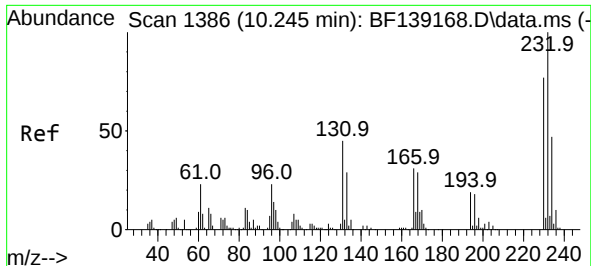
Tgt Ion:165 Resp: 164923
Ion Ratio Lower Upper
165 100
63 53.5 46.2 69.2
89 80.9 70.2 105.4
182 2.9 2.2 3.4



#58
Fluorene
Concen: 49.347 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:166 Resp: 533316
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 13.4 10.8 16.2

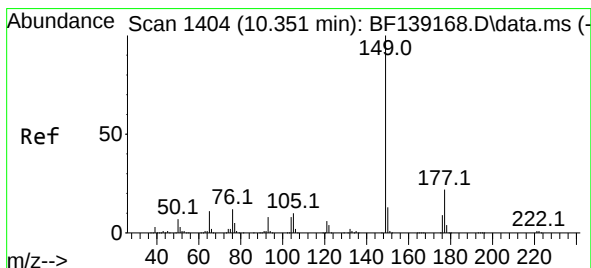
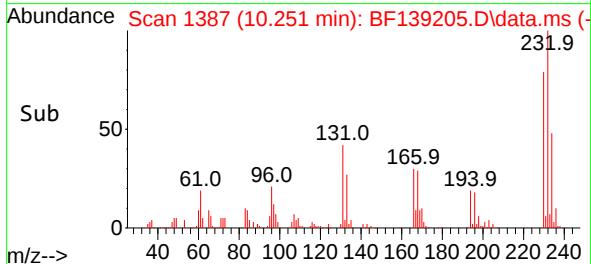
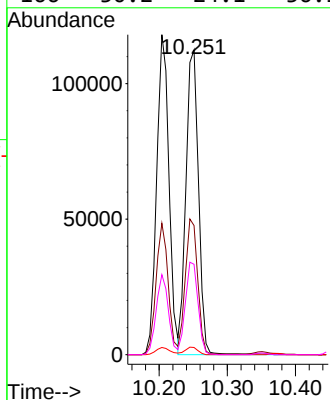
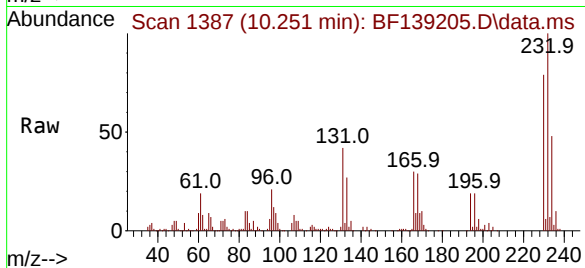




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.416 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

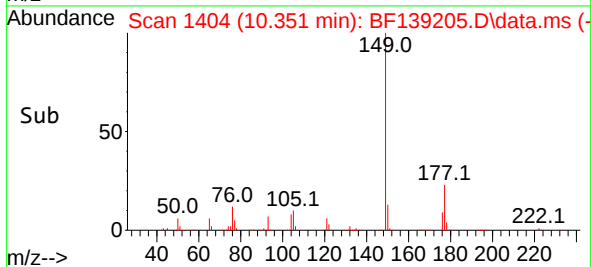
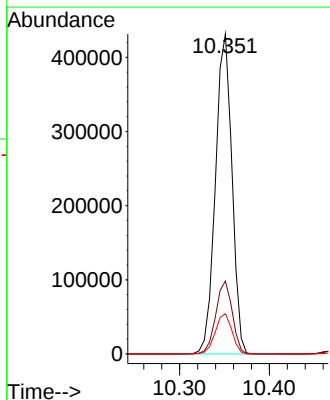
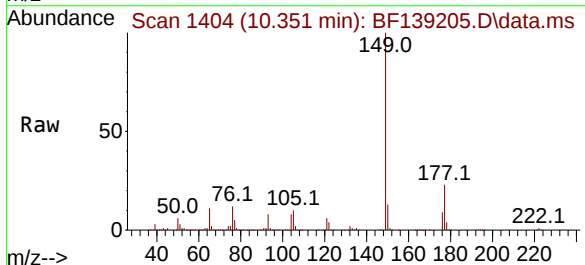
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

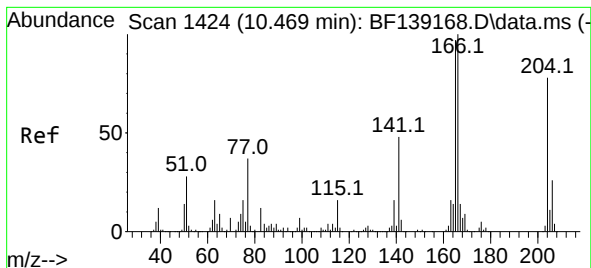
Tgt Ion:232 Resp: 142927
Ion Ratio Lower Upper
232 100
131 44.0 34.9 52.3
130 2.5 1.9 2.9
166 30.2 24.1 36.1



#60
Diethylphthalate
Concen: 57.678 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:149 Resp: 550965
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.6 10.0 15.0

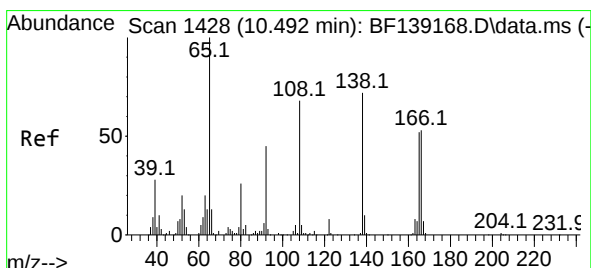
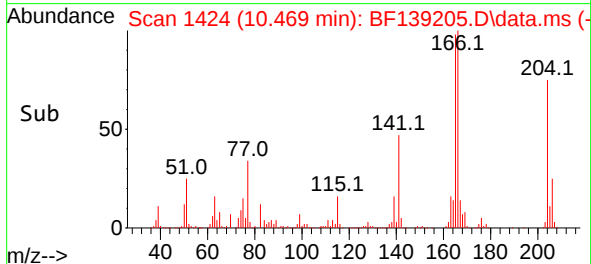
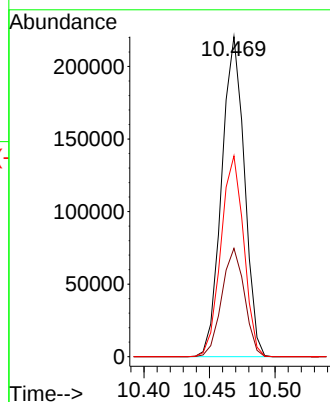
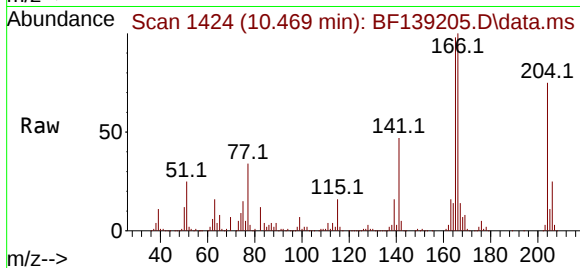




#61
4-Chlorophenyl-phenylether
Concen: 50.079 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

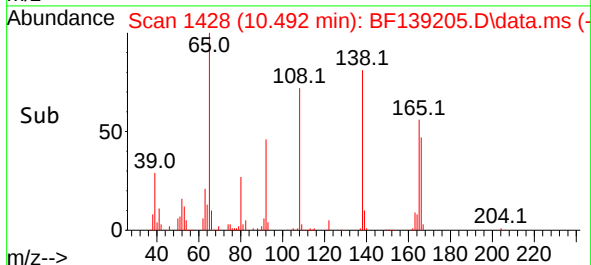
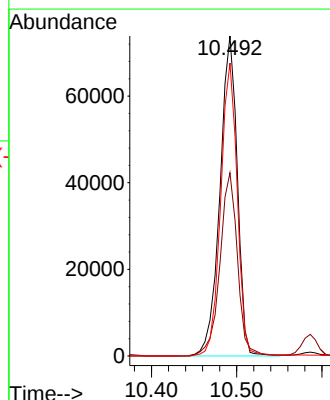
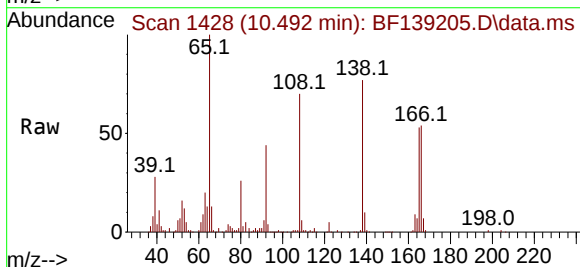
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

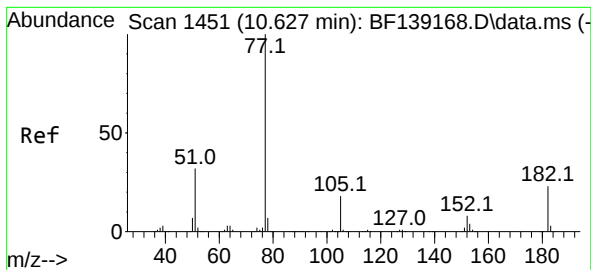
Tgt Ion:204 Resp: 265615
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.4
141 62.7 49.6 74.4



#62
4-Nitroaniline
Concen: 47.047 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:138 Resp: 105054
Ion Ratio Lower Upper
138 100
92 57.2 42.4 82.4
108 91.6 74.0 114.0

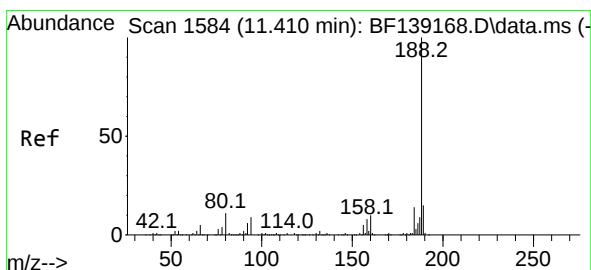
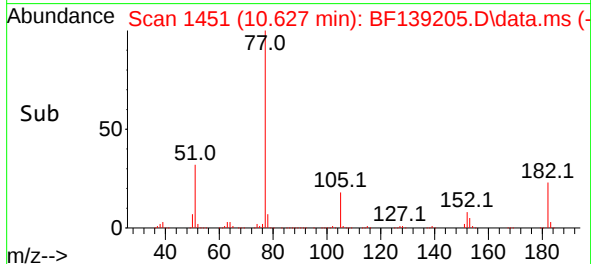
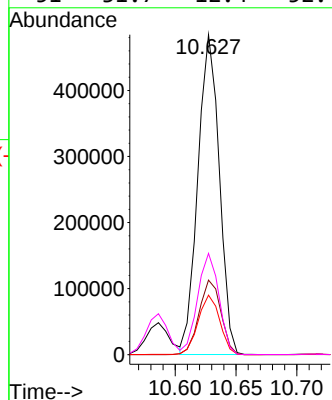
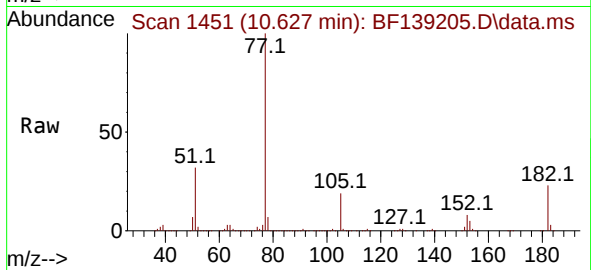




#63
Azobenzene
Concen: 50.959 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

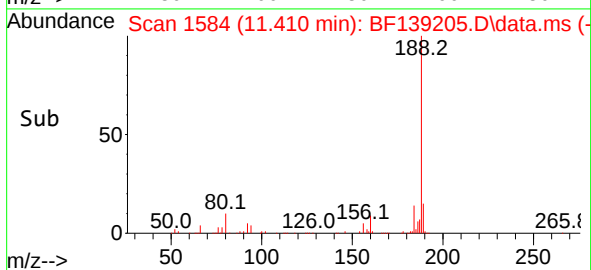
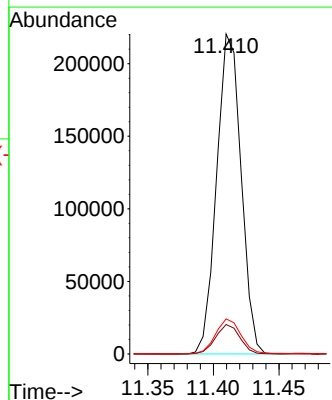
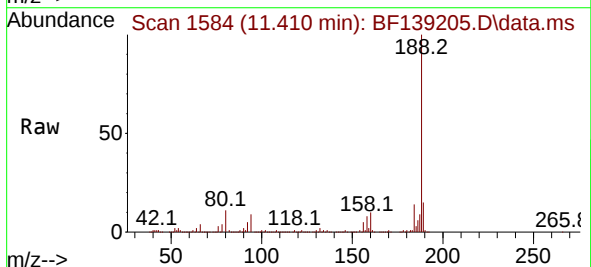
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

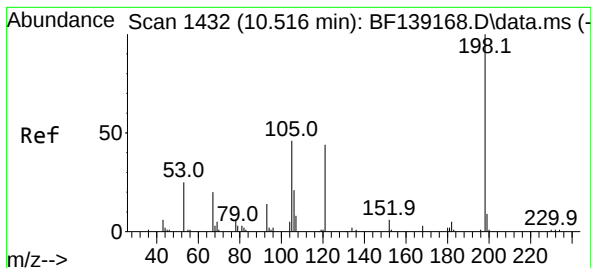
Tgt Ion:	77	Resp:	591763
Ion	Ratio	Lower	Upper
77	100		
182	23.3	2.4	42.4
105	18.6	0.0	38.2
51	31.7	12.4	52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:	188	Resp:	285346
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.9	8.9	13.3

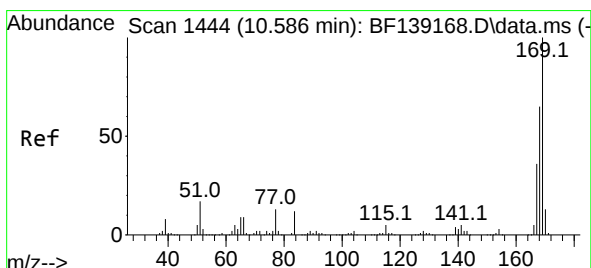
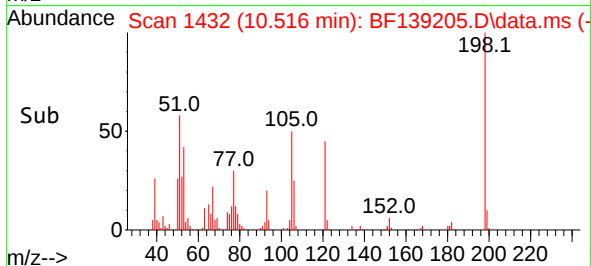
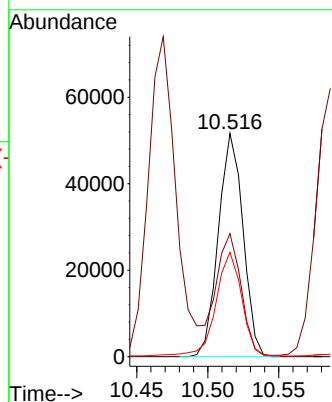
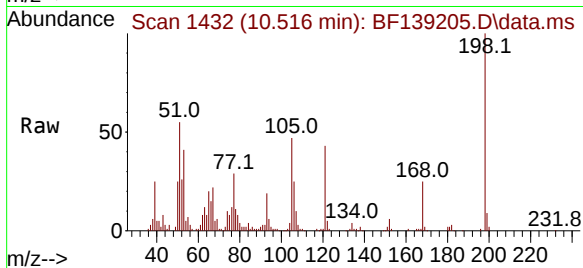




#65
4,6-Dinitro-2-methylphenol
Concen: 54.274 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

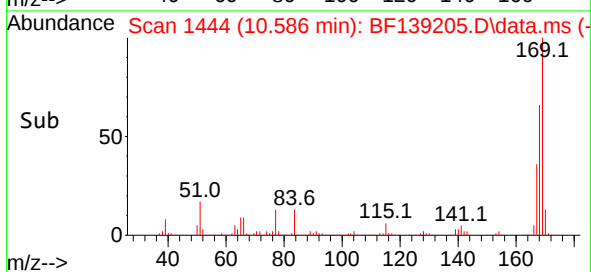
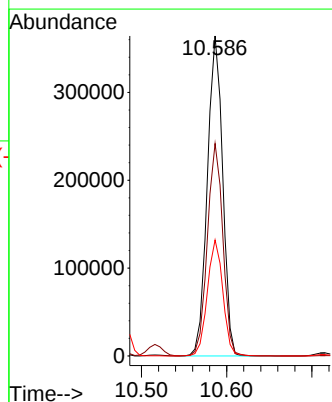
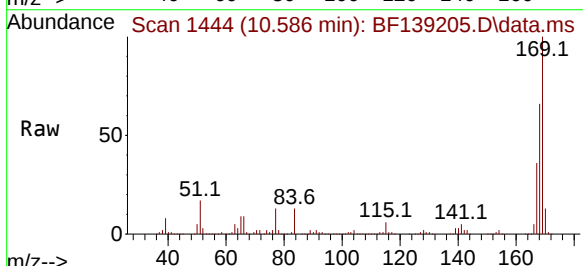
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

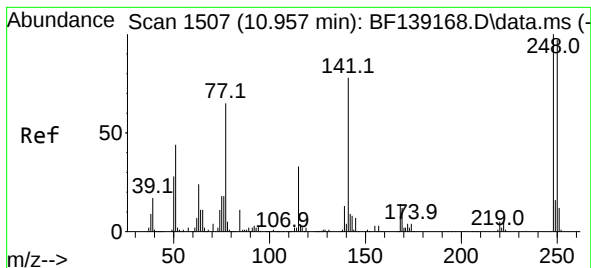
Tgt Ion:198 Resp: 62203
Ion Ratio Lower Upper
198 100
51 55.1 39.2 79.2
105 46.7 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 53.790 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:169 Resp: 454570
Ion Ratio Lower Upper
169 100
168 66.4 52.3 78.5
167 36.3 29.0 43.4

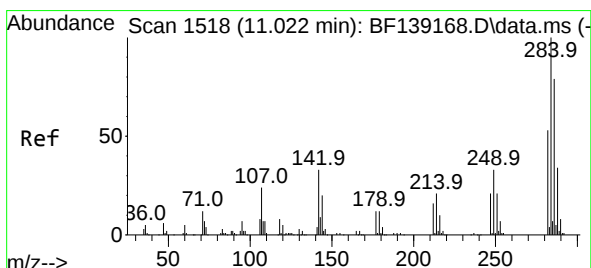
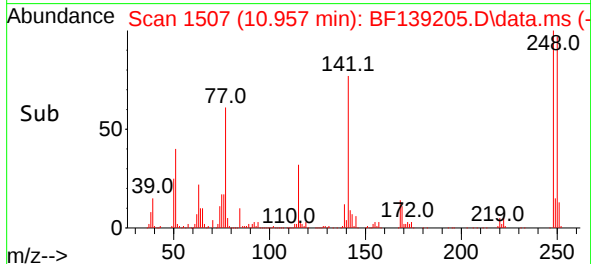
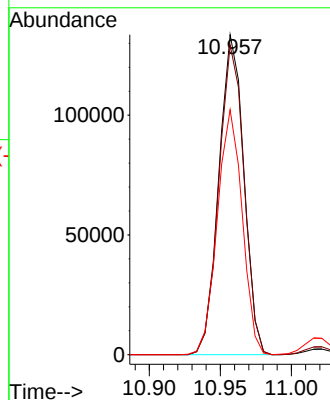
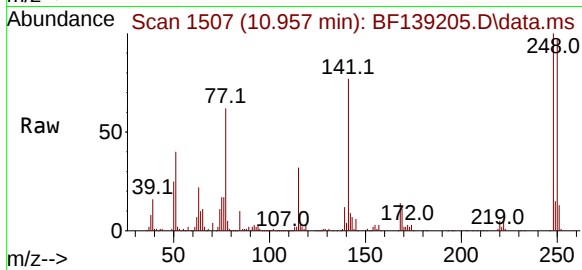




#67
4-Bromophenyl-phenylether
Concen: 53.990 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

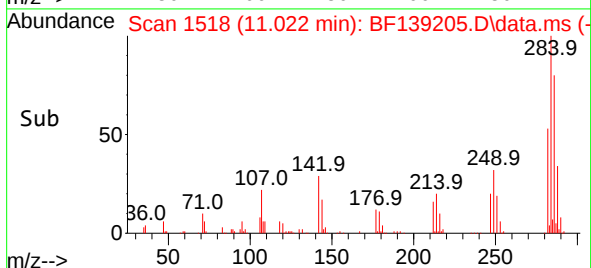
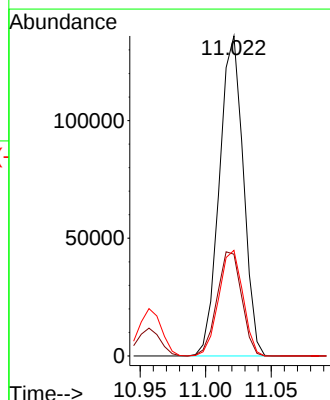
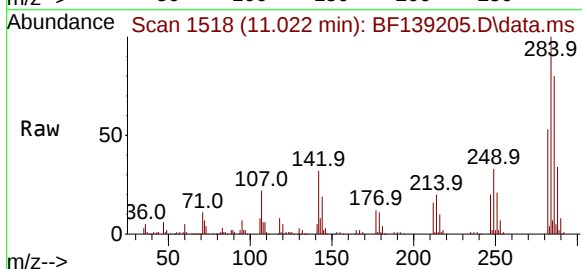
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

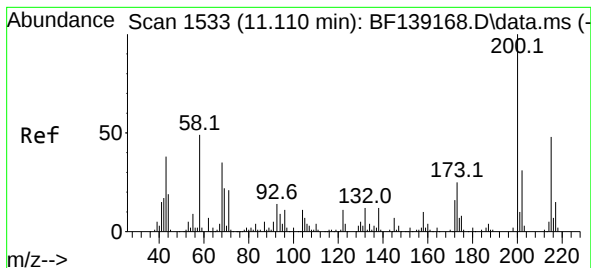
Tgt Ion:248 Resp: 163689
Ion Ratio Lower Upper
248 100
250 96.8 78.0 117.0
141 76.5 62.6 94.0



#68
Hexachlorobenzene
Concen: 52.472 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:284 Resp: 172168
Ion Ratio Lower Upper
284 100
142 31.8 26.6 40.0
249 33.0 26.5 39.7





#69

Atrazine

Concen: 80.451 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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

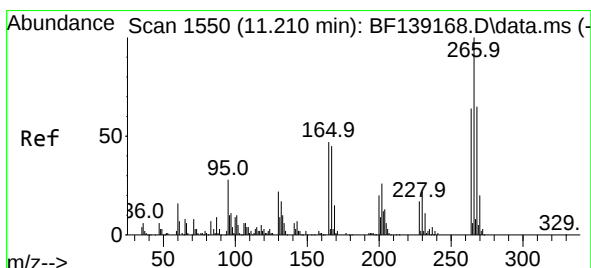
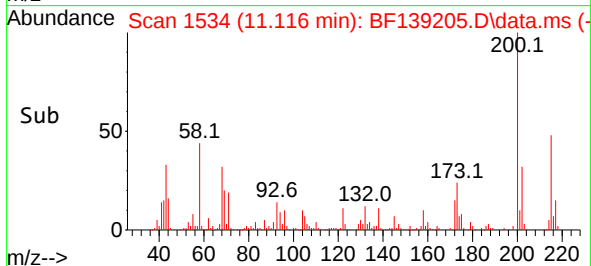
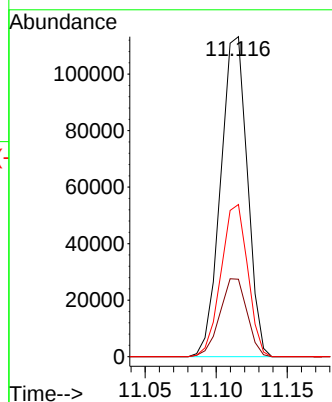
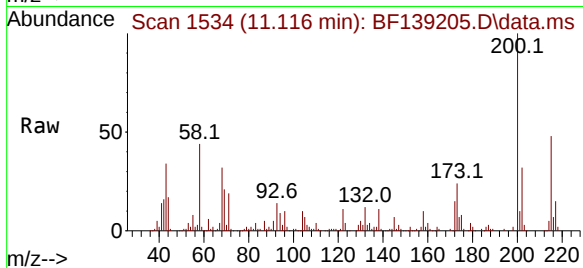
Tgt Ion:200 Resp: 148293

Ion Ratio Lower Upper

200 100

173 24.2 4.7 44.7

215 47.6 28.2 68.2



#70

Pentachlorophenol

Concen: 92.264 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

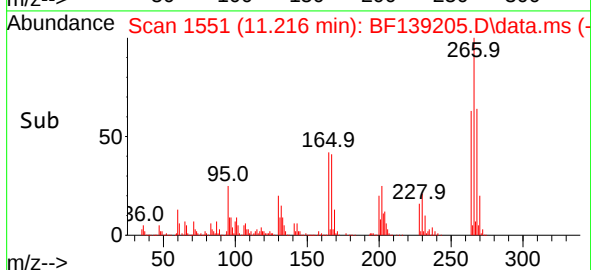
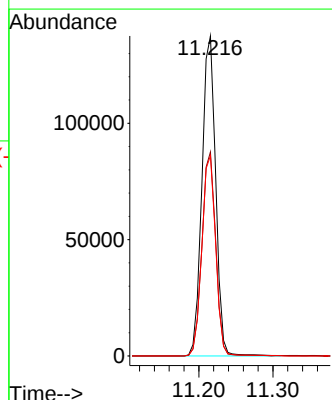
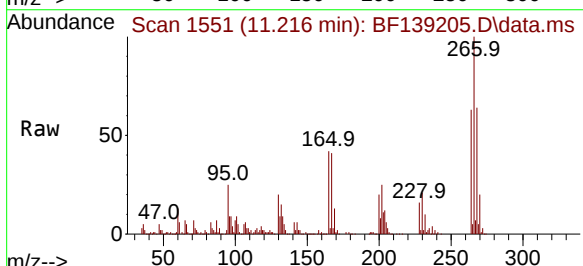
Tgt Ion:266 Resp: 177735

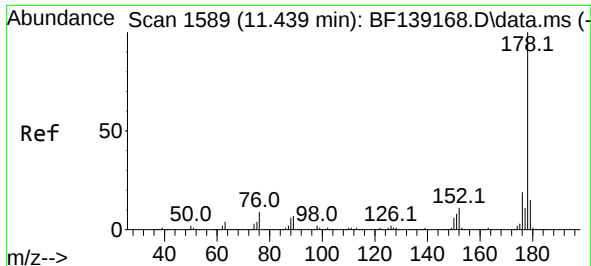
Ion Ratio Lower Upper

266 100

268 63.8 51.8 77.8

264 62.6 51.0 76.6

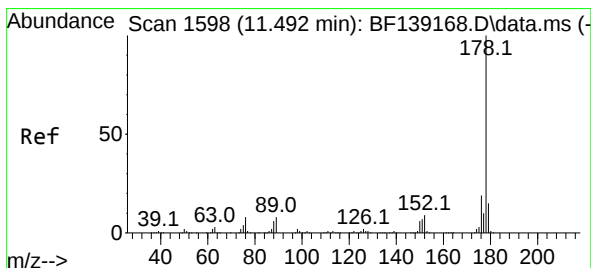
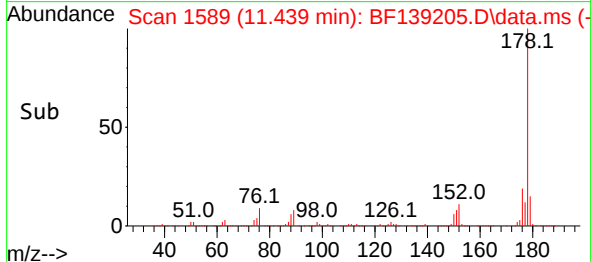
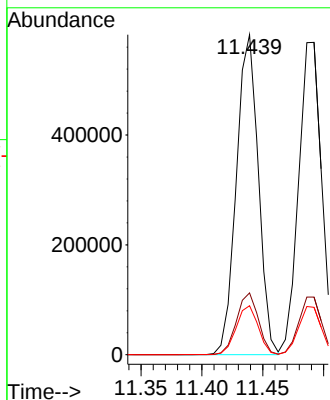
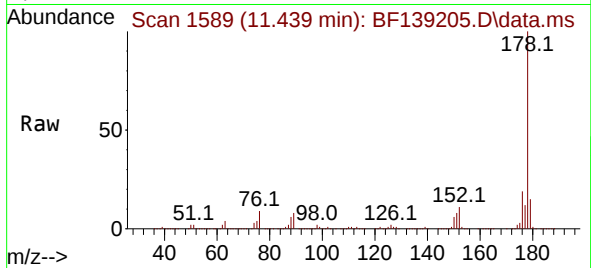




#71
Phenanthrene
Concen: 50.787 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

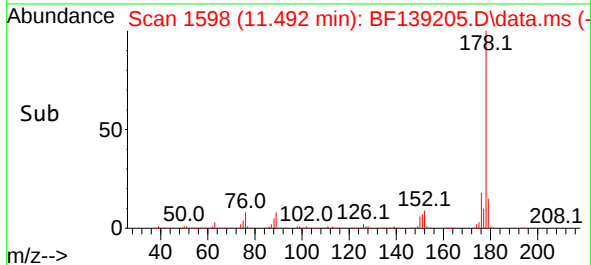
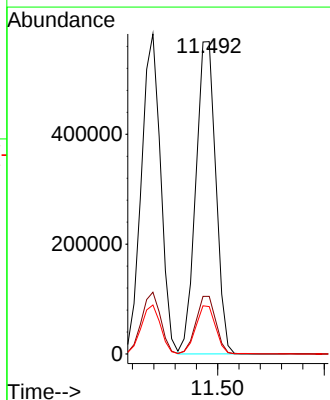
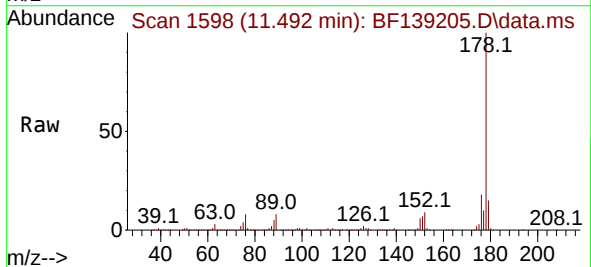
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

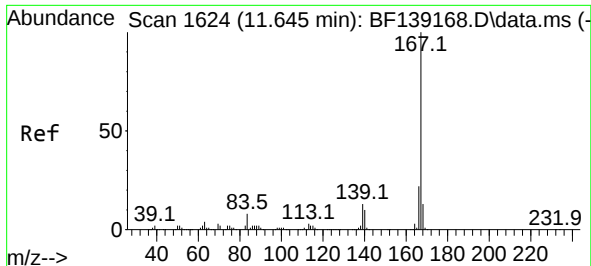
Tgt Ion:178 Resp: 732317
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.3 12.2 18.4



#72
Anthracene
Concen: 52.877 ng
RT: 11.492 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

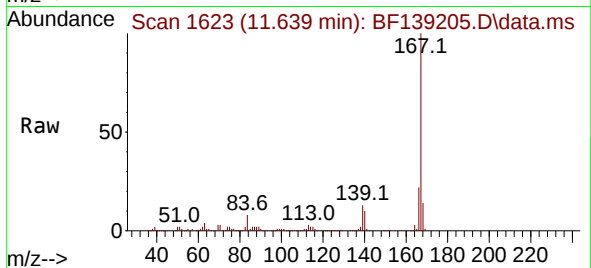
Tgt Ion:178 Resp: 743230
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.2 12.3 18.5



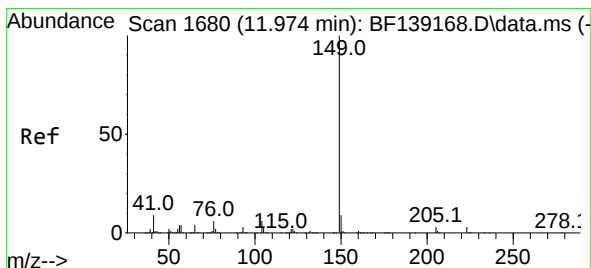
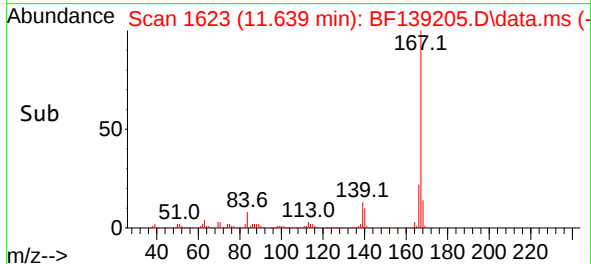
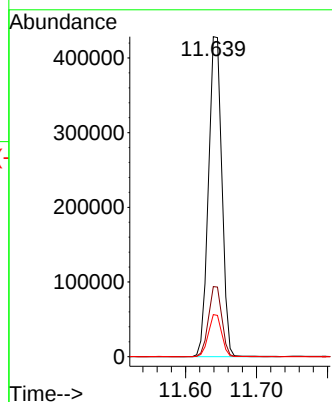


#73
Carbazole
Concen: 44.684 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

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

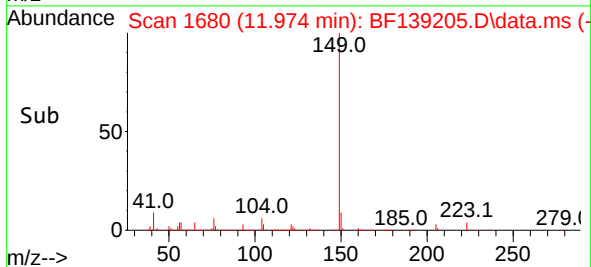
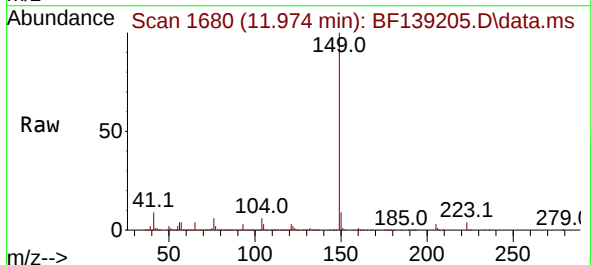
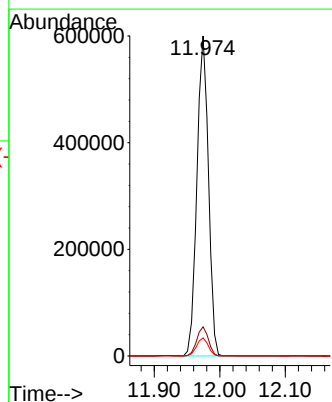


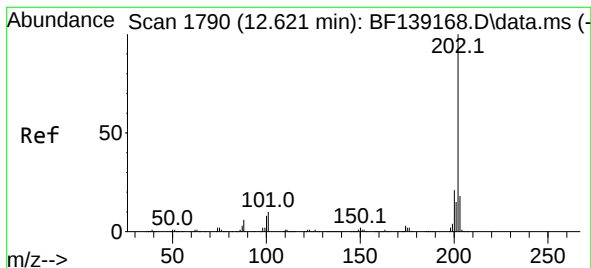
Tgt Ion:167 Resp: 561854
Ion Ratio Lower Upper
167 100
166 21.9 17.3 25.9
139 13.2 10.3 15.5



#74
Di-n-butylphthalate
Concen: 67.112 ng
RT: 11.974 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:149 Resp: 731386
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.7 4.4 6.6

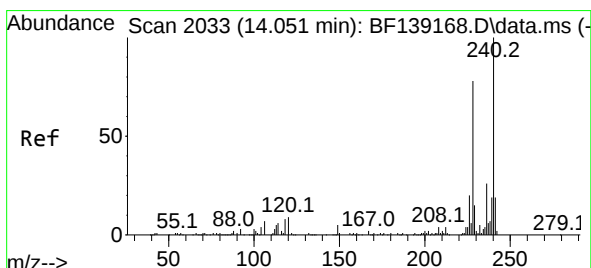
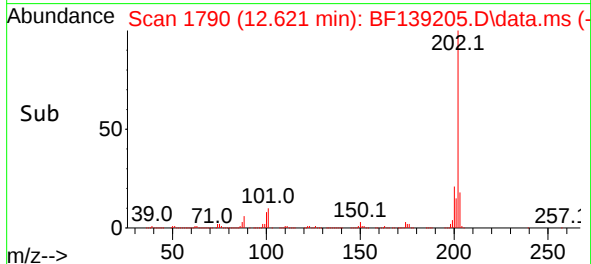
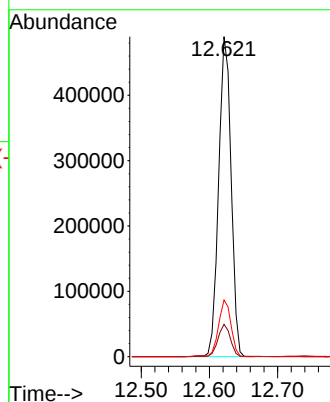
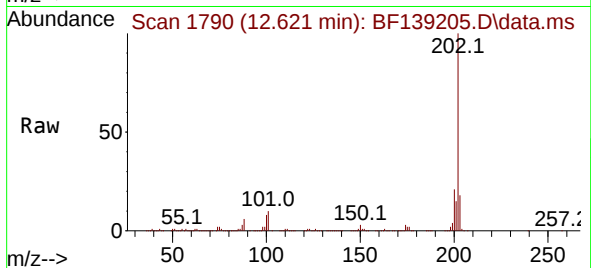




#75
Fluoranthene
Concen: 44.482 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

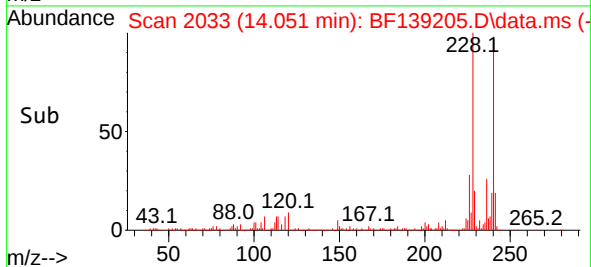
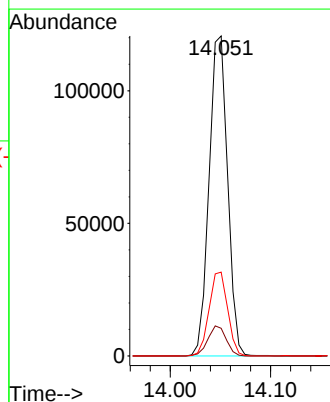
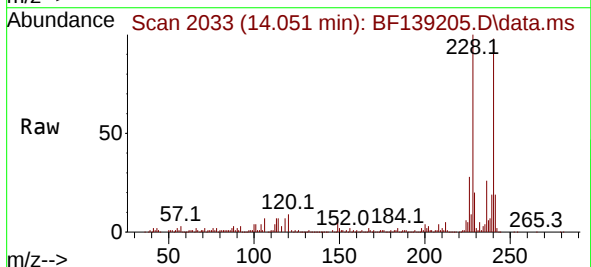
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

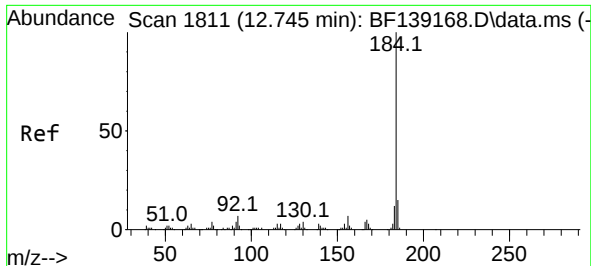
Tgt Ion:202 Resp: 622454
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.1
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:240 Resp: 154491
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.2 20.9 31.3

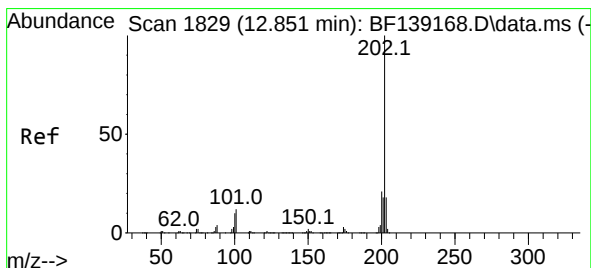
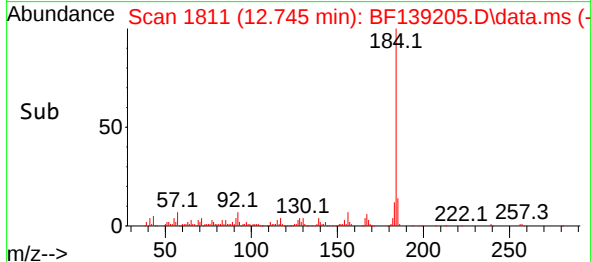
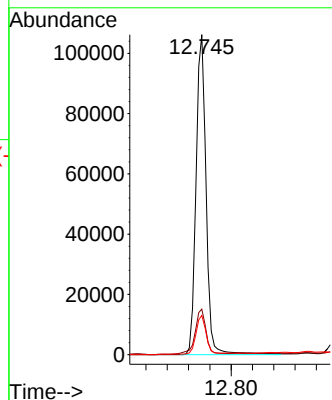
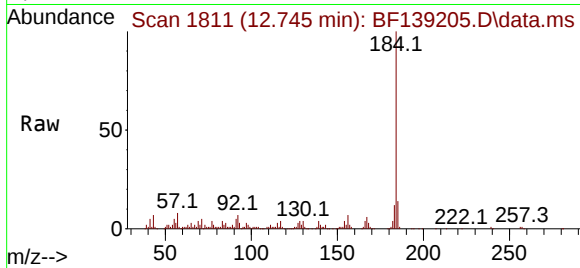




#77
Benzidine
Concen: 53.564 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

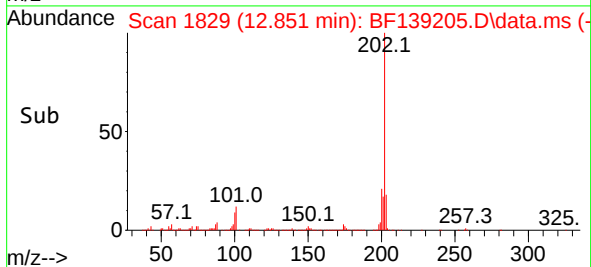
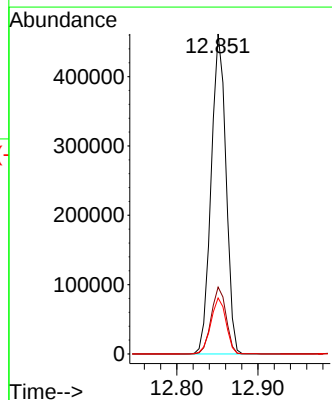
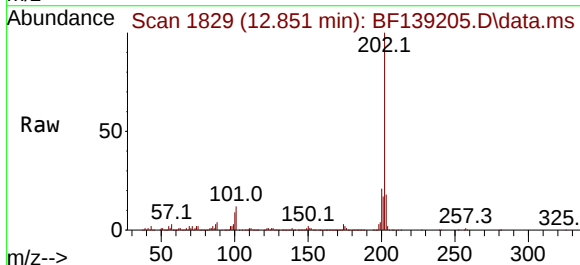
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MS

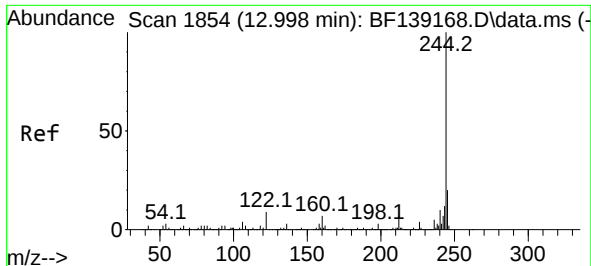
Tgt Ion:184 Resp: 139639
Ion Ratio Lower Upper
184 100
185 14.2 12.1 18.1
183 12.3 9.4 14.0



#78
Pyrene
Concen: 40.338 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:202 Resp: 585382
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.5 14.1 21.1

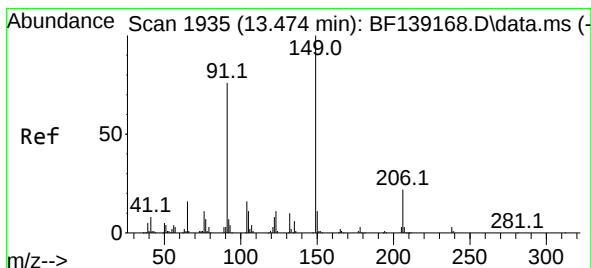
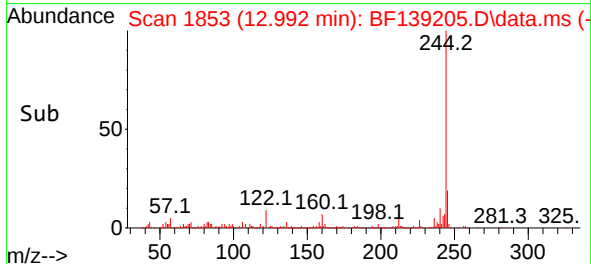
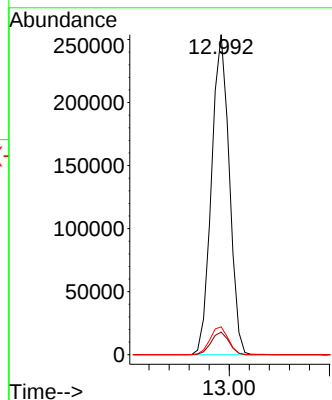
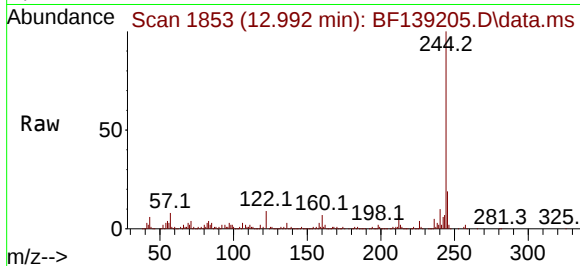




#79
 Terphenyl-d14
 Concen: 31.588 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139205.D
 Acq: 28 Aug 2024 13:16

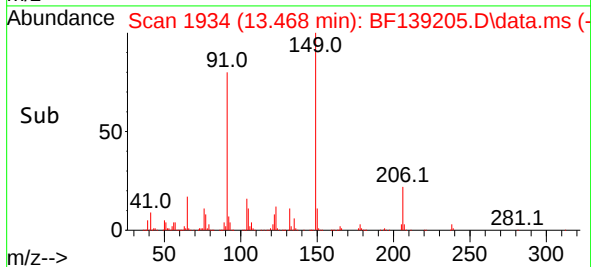
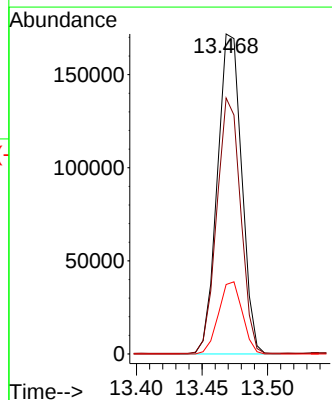
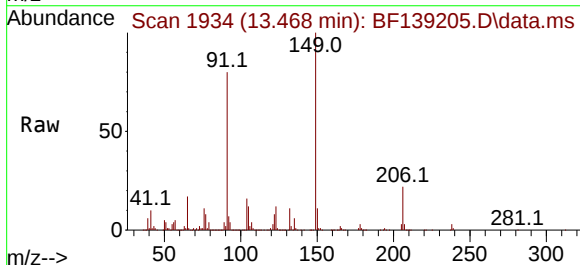
Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MS

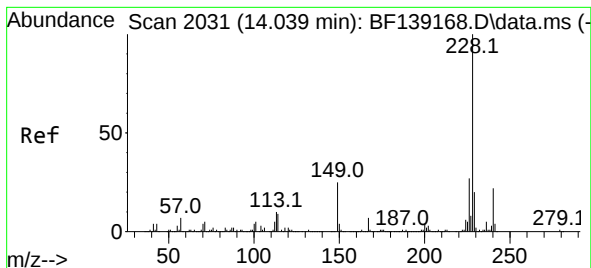
Tgt Ion:244 Resp: 312760
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.7 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 71.802 ng
 RT: 13.468 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF139205.D
 Acq: 28 Aug 2024 13:16

Tgt Ion:149 Resp: 221367
 Ion Ratio Lower Upper
 149 100
 91 80.0 60.9 91.3
 206 21.7 17.7 26.5





#81

Benzo(a)anthracene

Concen: 52.190 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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

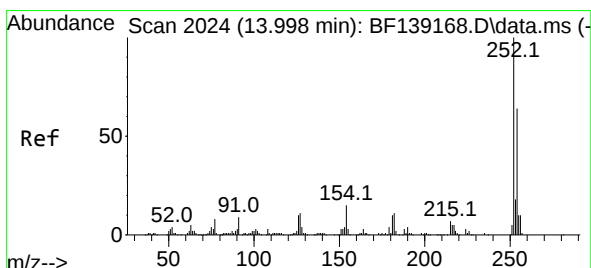
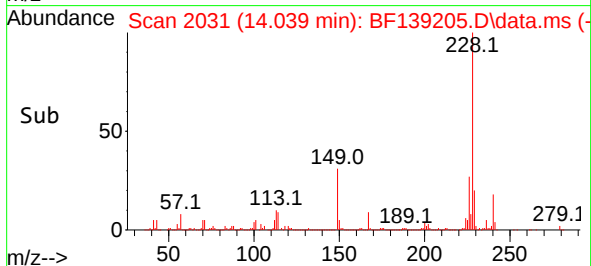
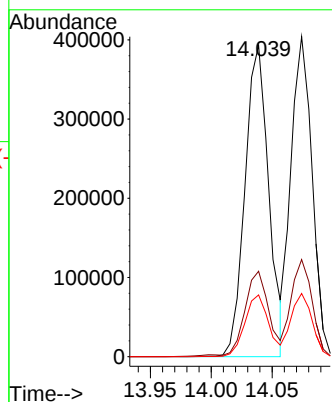
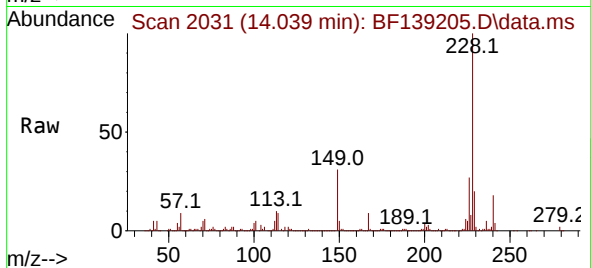
Tgt Ion:228 Resp: 534230

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 64.062 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

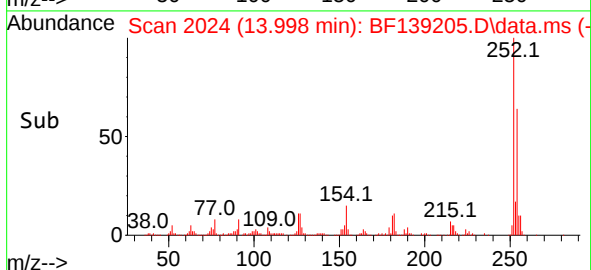
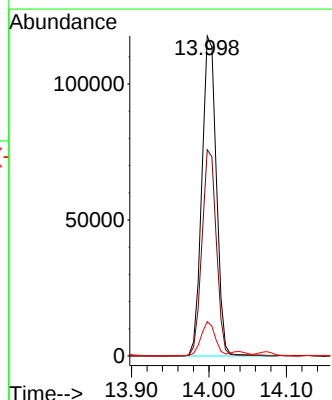
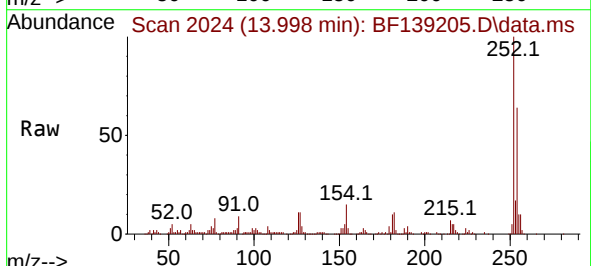
Tgt Ion:252 Resp: 152678

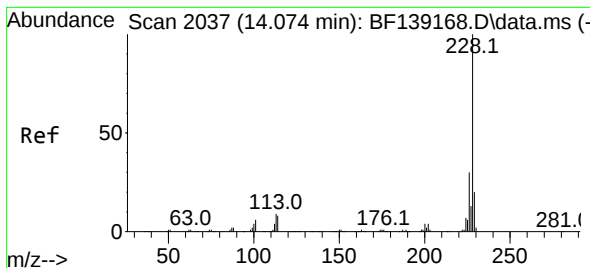
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.0

126 10.8 8.2 12.2





#83

Chrysene

Concen: 52.682 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF139205.D

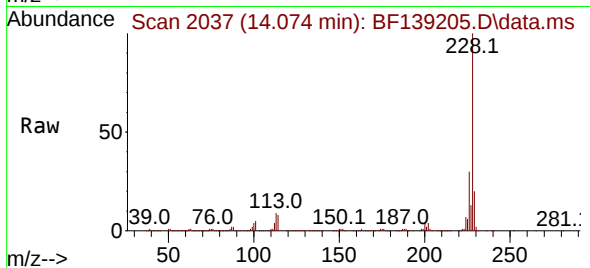
Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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



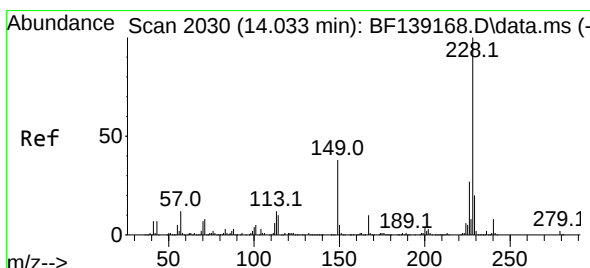
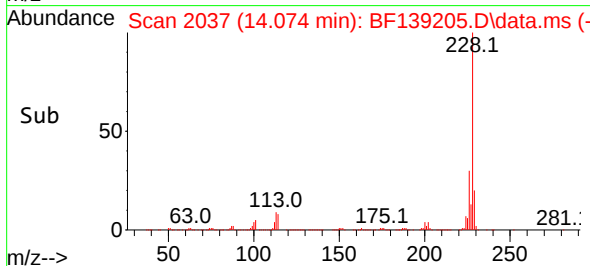
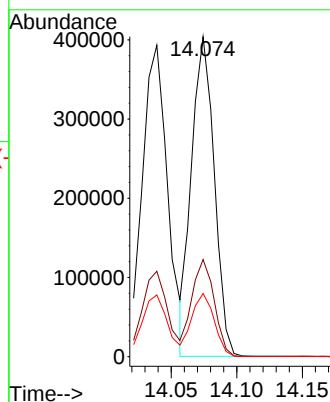
Tgt Ion:228 Resp: 486455

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 78.160 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

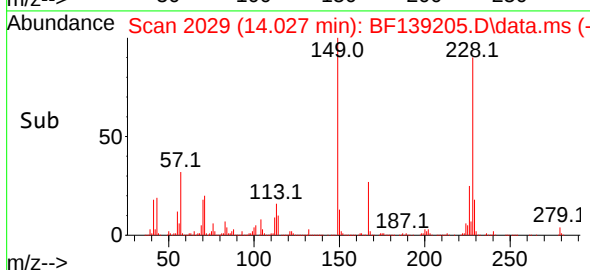
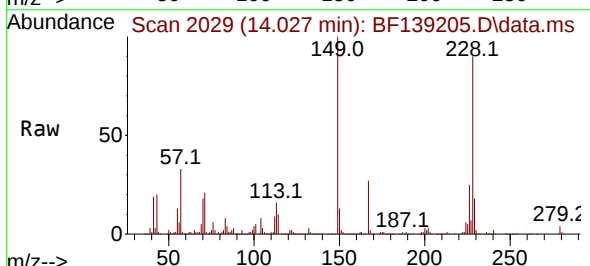
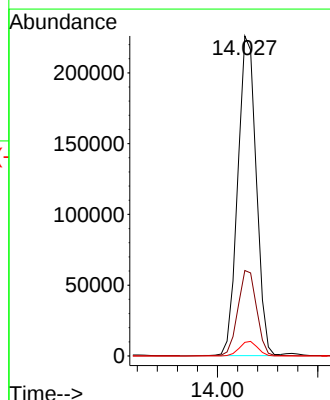
Tgt Ion:149 Resp: 289654

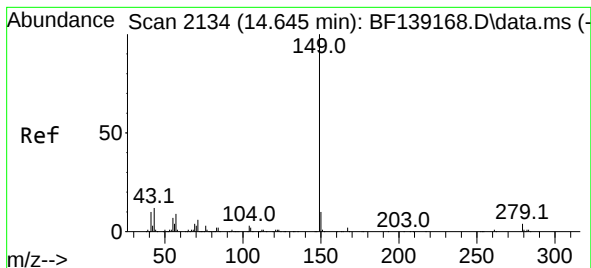
Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 72.310 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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

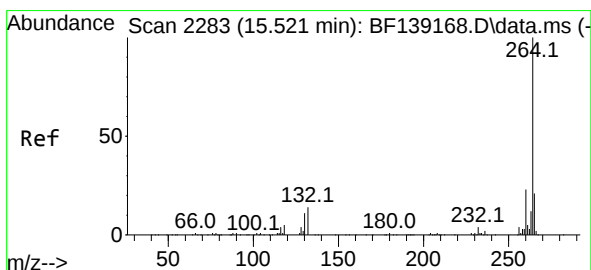
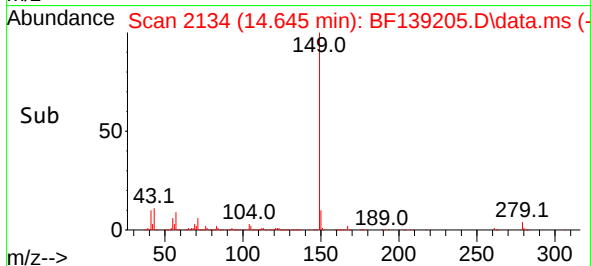
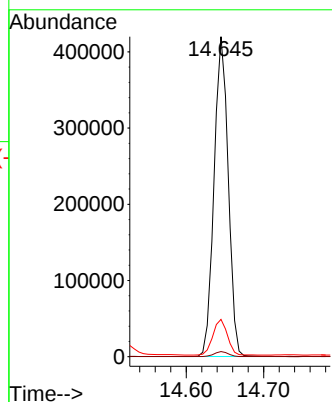
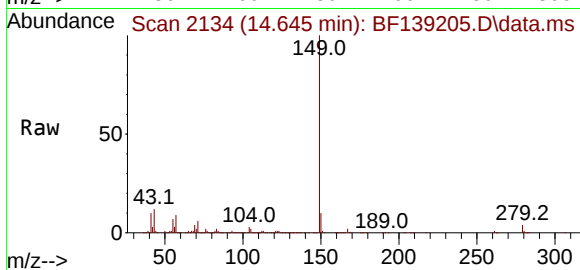
Tgt Ion:149 Resp: 532800

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.4 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: BF139205.D

Acq: 28 Aug 2024 13:16

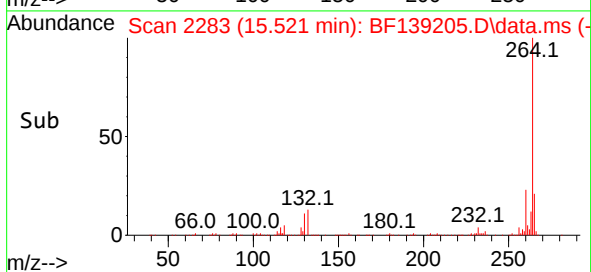
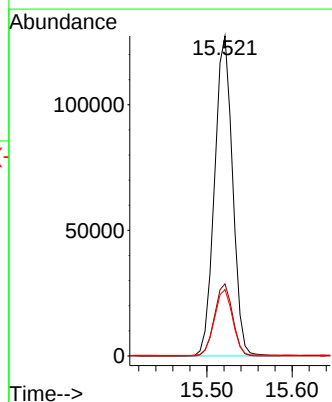
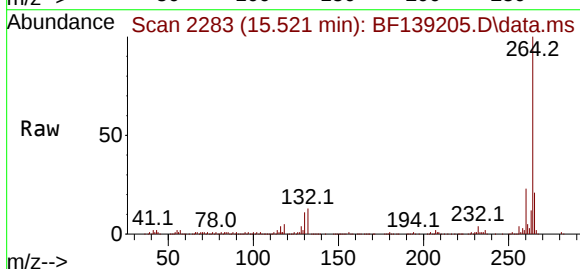
Tgt Ion:264 Resp: 187877

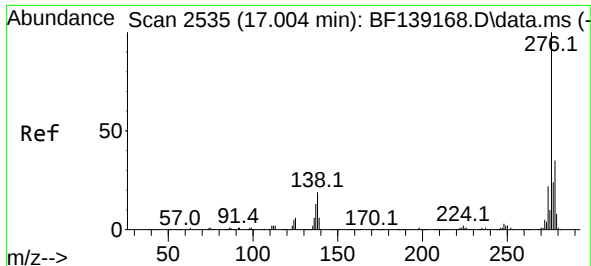
Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

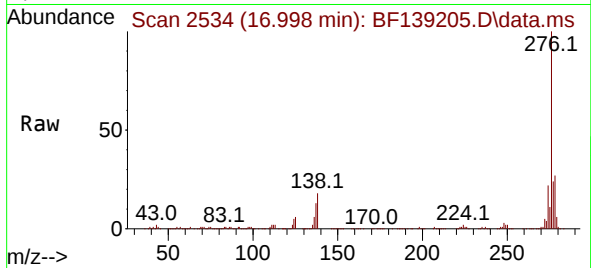
265 20.7 17.0 25.6



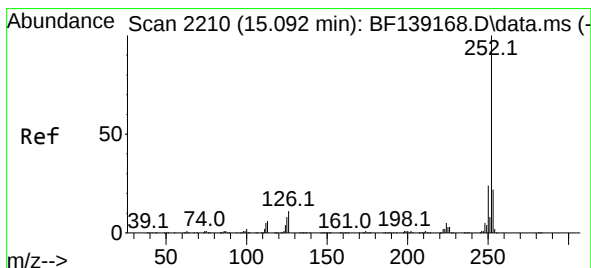
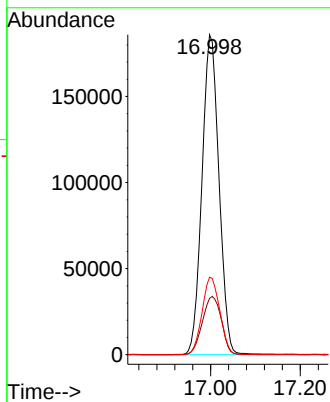
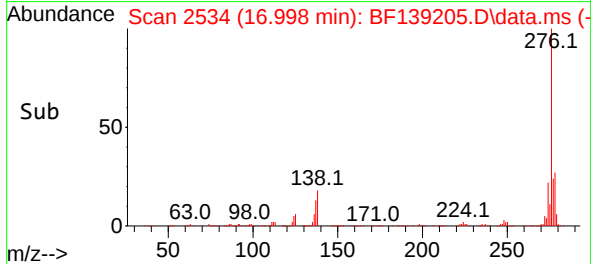


#87
Indeno(1,2,3-cd)pyrene
Concen: 38.053 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

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

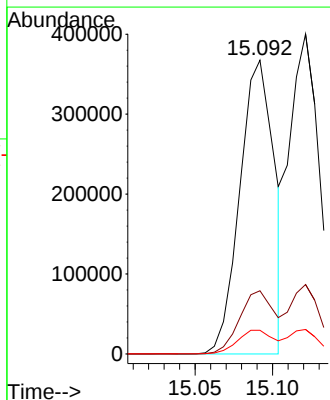
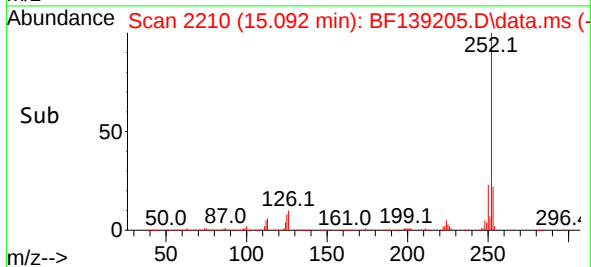
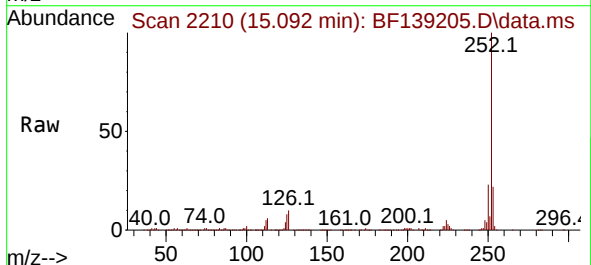


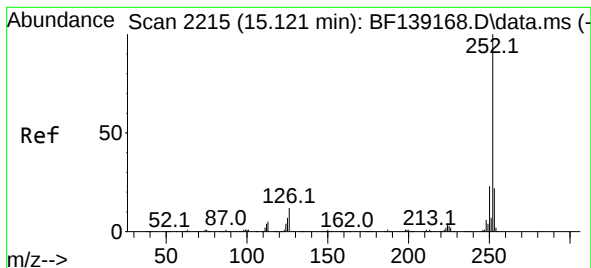
Tgt Ion:276 Resp: 488836
Ion Ratio Lower Upper
276 100
138 20.3 17.4 26.2
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 51.547 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:252 Resp: 566516
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 8.1 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 53.360 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

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

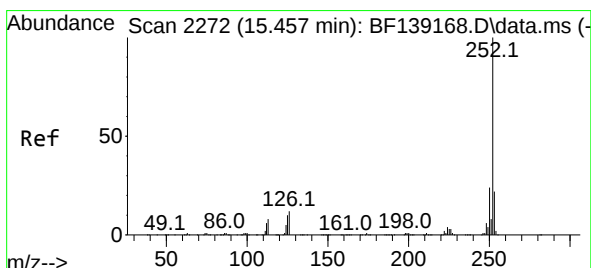
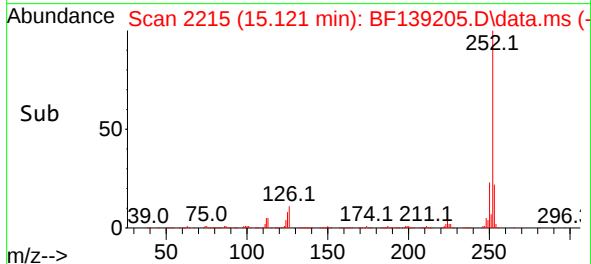
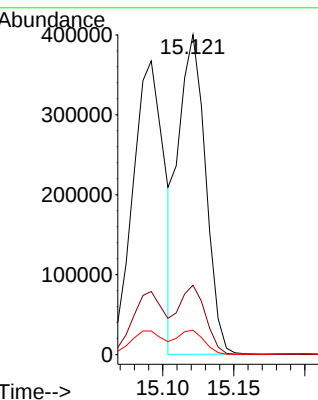
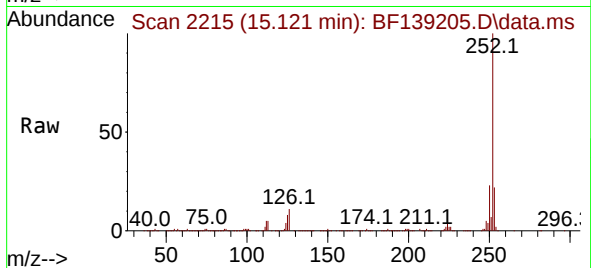
Tgt Ion:252 Resp: 530197

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 7.6 6.5 9.7



#90

Benzo(a)pyrene

Concen: 56.042 ng

RT: 15.462 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF139205.D

Acq: 28 Aug 2024 13:16

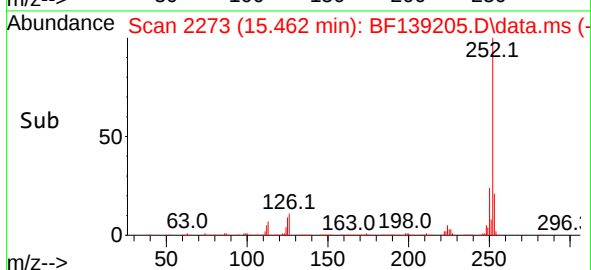
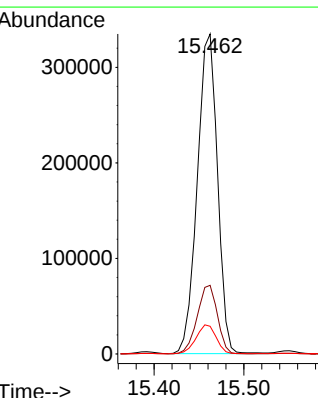
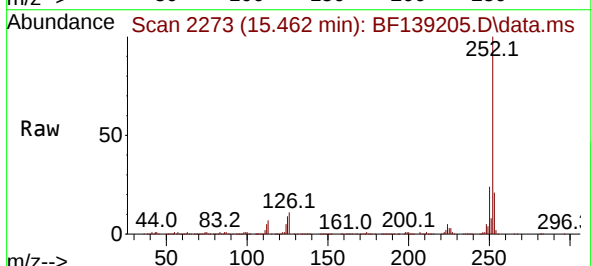
Tgt Ion:252 Resp: 522790

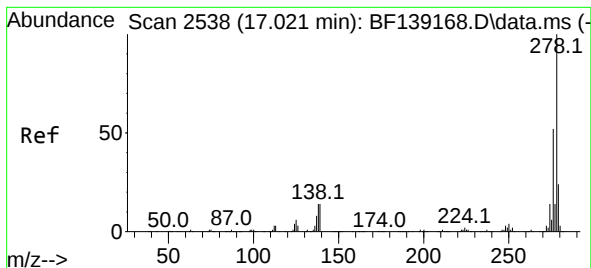
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 8.7 7.8 11.6

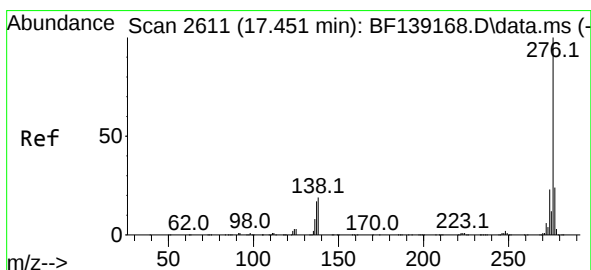
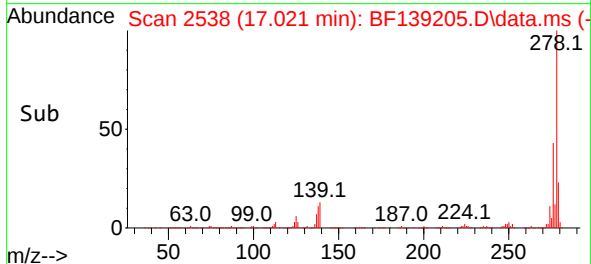
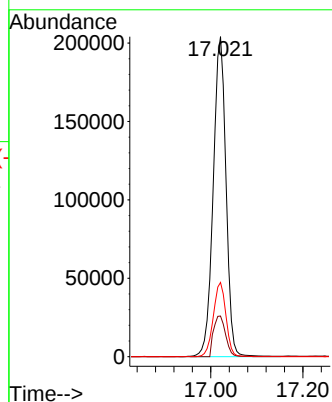
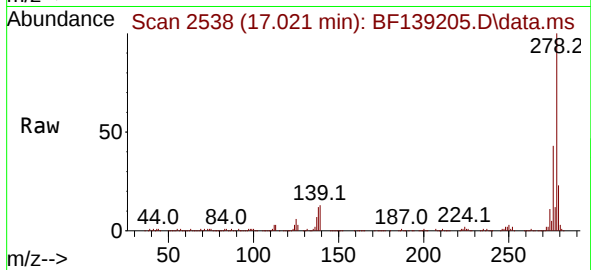




#91
Dibenzo(a,h)anthracene
Concen: 37.348 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

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

Tgt Ion:278 Resp: 393243
Ion Ratio Lower Upper
278 100
139 12.7 11.2 16.8
279 23.2 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 31.247 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF139205.D
Acq: 28 Aug 2024 13:16

Tgt Ion:276 Resp: 340308
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 18.0 15.0 22.6

