

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139153.D
 Acq On : 23 Aug 2024 18:14
 Operator : RC/JU
 Sample : P3707-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 23 23:20:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	82339	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	302699	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	166761	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	260194	20.000	ng	0.00
76) Chrysene-d12	14.057	240	153223	20.000	ng	0.00
86) Perylene-d12	15.533	264	183067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	436897	81.635	ng	0.00
7) Phenol-d6	6.522	99	597214	86.362	ng	0.00
23) Nitrobenzene-d5	7.457	82	424349	81.688	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	127081	84.178	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	531578	50.576	ng	0.00
79) Terphenyl-d14	13.004	244	326251	35.331	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	100638	43.842	ng	99
3) Pyridine	3.504	79	269649	46.227	ng	100
4) n-Nitrosodimethylamine	3.452	42	163484	46.395	ng	99
6) Aniline	6.557	93	286608	45.910	ng	99
8) 2-Chlorophenol	6.681	128	263551	51.199	ng	97
9) Benzaldehyde	6.445	77	134358	33.128	ng	99
10) Phenol	6.540	94	364226	50.620	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	263550	45.546	ng	97
12) 1,3-Dichlorobenzene	6.840	146	293964	47.497	ng	99
13) 1,4-Dichlorobenzene	6.916	146	298529	48.243	ng	98
14) 1,2-Dichlorobenzene	7.069	146	284268	50.264	ng	99
15) Benzyl Alcohol	7.040	79	281545	51.513	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	400358	49.117	ng	98
17) 2-Methylphenol	7.145	107	220030	49.964	ng	98
18) Hexachloroethane	7.410	117	106391	49.030	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	220701	48.599	ng	98
20) 3+4-Methylphenols	7.298	107	283602	49.705	ng	93
22) Acetophenone	7.304	105	386429	49.998	ng	# 93
24) Nitrobenzene	7.481	77	324189	56.145	ng	98
25) Isophorone	7.716	82	569959	51.620	ng	99
26) 2-Nitrophenol	7.792	139	132397	63.685	ng	98
27) 2,4-Dimethylphenol	7.828	122	214138	61.160	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	324238	50.258	ng	100
29) 2,4-Dichlorophenol	8.034	162	223686	51.281	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	242931	47.563	ng	100
31) Naphthalene	8.204	128	768285	50.086	ng	100
32) Benzoic acid	7.934	122	145800	49.656	ng	99
33) 4-Chloroaniline	8.245	127	91485	17.415	ng	99
34) Hexachlorobutadiene	8.316	225	164330	49.253	ng	99
35) Caprolactam	8.616	113	67599	48.881	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	247417	51.228	ng	100
37) 2-Methylnaphthalene	8.892	142	496920	50.506	ng	100
38) 1-Methylnaphthalene	8.992	142	460724	48.519	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	249962	55.536	ng	98
41) Hexachlorocyclopentadiene	9.045	237	338385	192.847	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	167440	54.347	ng	100

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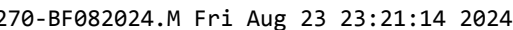
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 S-929-K1-SO-0-0.5-082024MSD

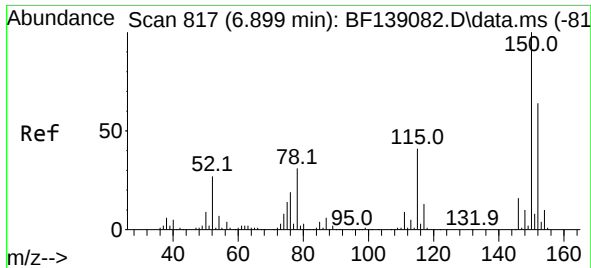
Quant Time: Aug 23 23:20:52 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	169486	53.593	ng	99
46) 1,1'-Biphenyl	9.357	154	617969	54.096	ng	99
47) 2-Chloronaphthalene	9.381	162	477801	51.476	ng	99
48) 2-Nitroaniline	9.475	65	159711	58.617	ng	97
49) Acenaphthylene	9.798	152	742311	55.828	ng	100
50) Dimethylphthalate	9.657	163	565118	54.891	ng	100
51) 2,6-Dinitrotoluene	9.716	165	121372	57.761	ng	96
52) Acenaphthene	9.969	154	522918	59.537	ng	99
53) 3-Nitroaniline	9.886	138	69031	34.339	ng	# 96
54) 2,4-Dinitrophenol	9.992	184	116680	107.382	ng	# 48
55) Dibenzofuran	10.139	168	671119	52.606	ng	100
56) 4-Nitrophenol	10.039	139	158883	102.098	ng	99
57) 2,4-Dinitrotoluene	10.122	165	156500	59.013	ng	94
58) Fluorene	10.486	166	517843	50.792	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	141726	55.815	ng	99
60) Diethylphthalate	10.357	149	539620	52.900	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	264464	51.938	ng	99
62) 4-Nitroaniline	10.498	138	101119	47.864	ng	94
63) Azobenzene	10.639	77	579721	51.140	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	77052	70.894	ng	95
66) n-Nitrosodiphenylamine	10.592	169	441321	57.323	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	158082	57.336	ng	99
68) Hexachlorobenzene	11.028	284	168016	56.802	ng	98
69) Atrazine	11.122	200	134028	57.001	ng	99
70) Pentachlorophenol	11.222	266	186423	98.665	ng	99
71) Phenanthrene	11.445	178	696173	52.640	ng	100
72) Anthracene	11.498	178	706062	54.590	ng	99
73) Carbazole	11.651	167	532284	44.073	ng	100
74) Di-n-butylphthalate	11.986	149	699119	49.923	ng	99
75) Fluoranthene	12.633	202	599523	42.472	ng	99
77) Benzidine	12.751	184	209682	66.250	ng	99
78) Pyrene	12.863	202	590183	46.156	ng	100
80) Butylbenzylphthalate	13.480	149	217894	49.256	ng	99
81) Benzo(a)anthracene	14.051	228	533813	52.999	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	116656	41.435	ng	99
83) Chrysene	14.086	228	480828	52.667	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	295030	50.307	ng	99
85) Di-n-octyl phthalate	14.657	149	539876	65.590	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	570611	53.258	ng	98
88) Benzo(b)fluoranthene	15.104	252	606034	50.779	ng	99
89) Benzo(k)fluoranthene	15.133	252	484325	48.724	ng	99
90) Benzo(a)pyrene	15.474	252	523702	55.533	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	464253	52.786	ng	99
92) Benzo(g,h,i)perylene	17.474	276	402374	40.507	ng	99

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

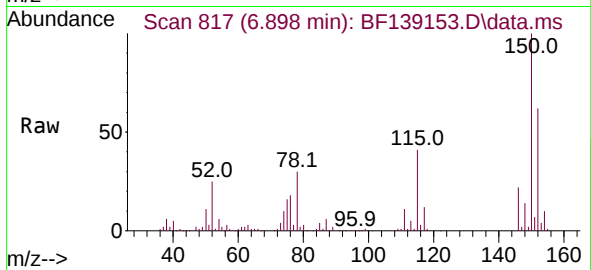
Quant Time: Aug 23 23:20:52 2024
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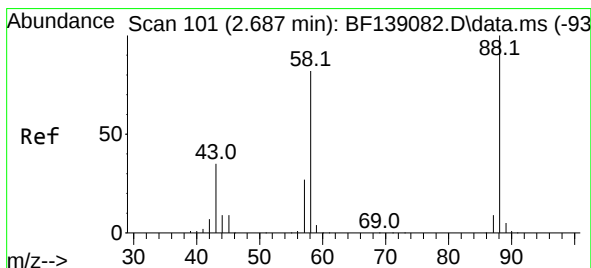
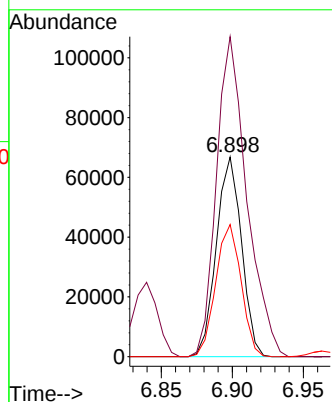
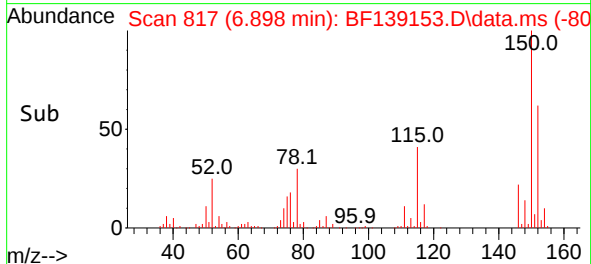


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

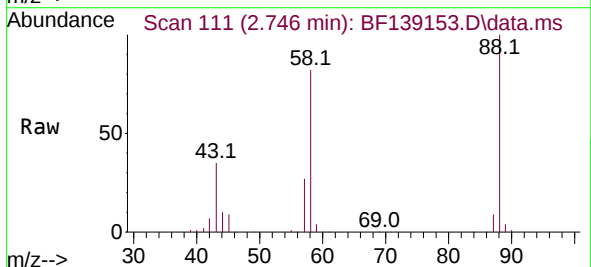
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



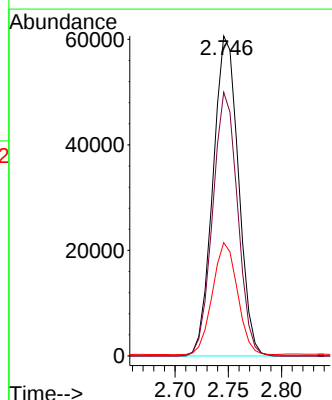
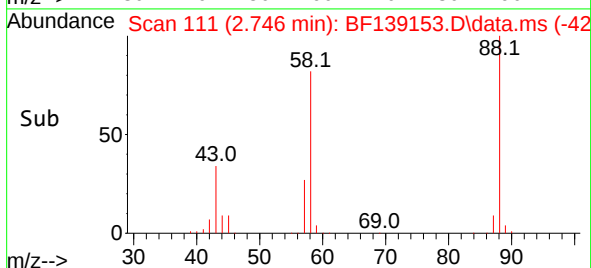
Tgt Ion:152 Resp: 82339
Ion Ratio Lower Upper
152 100
150 160.2 125.1 187.7
115 66.2 51.8 77.6

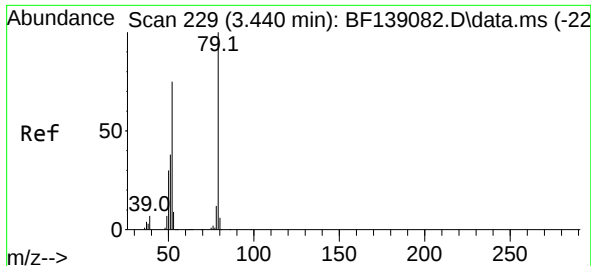


#2
1,4-Dioxane
Concen: 43.842 ng
RT: 2.746 min Scan# 111
Delta R.T. 0.059 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14



Tgt Ion: 88 Resp: 100638
Ion Ratio Lower Upper
88 100
58 80.7 65.4 98.0
43 34.4 27.9 41.9





#3

Pyridine

Concen: 46.227 ng

RT: 3.504 min Scan# 241

Delta R.T. 0.065 min

Lab File: BF139153.D

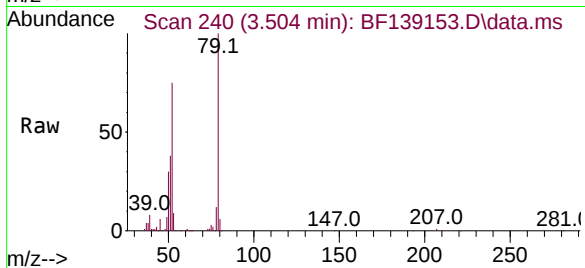
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Instrument :

BNA_F

ClientSampleId :

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



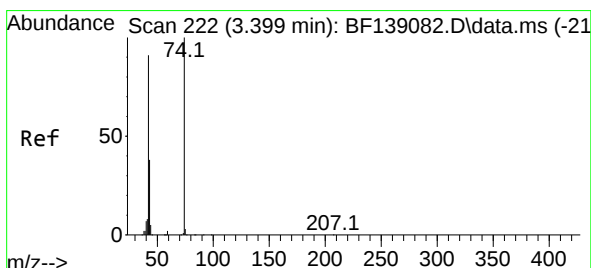
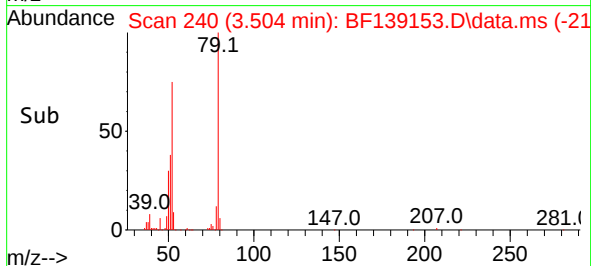
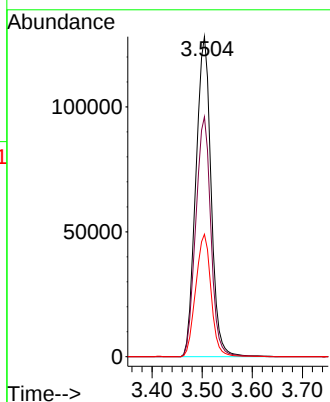
Tgt Ion: 79 Resp: 269649

Ion	Ratio	Lower	Upper
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79	100		
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52	75.0	59.7	89.5
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51	38.3	30.6	45.8
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#4

n-Nitrosodimethylamine

Concen: 46.395 ng

RT: 3.452 min Scan# 231

Delta R.T. 0.053 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

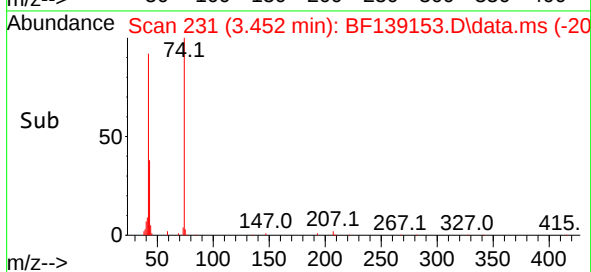
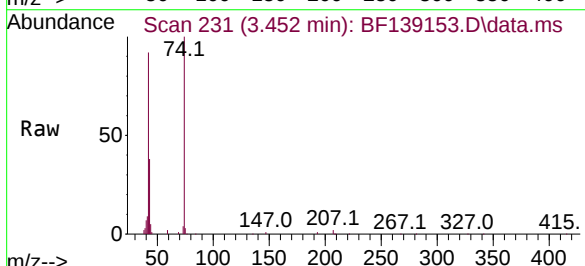
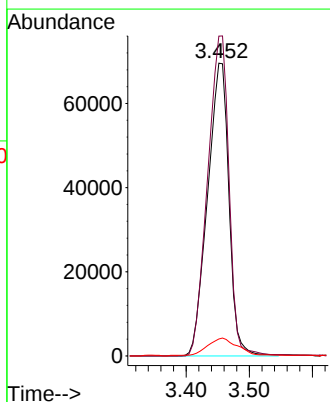
Tgt Ion: 42 Resp: 163484

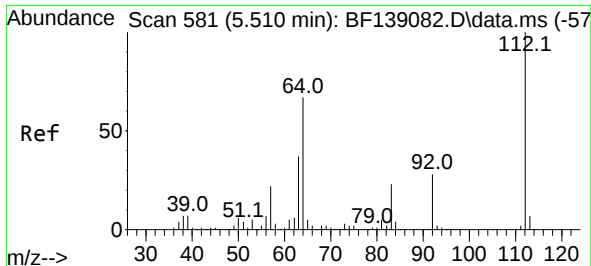
Ion	Ratio	Lower	Upper
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42	100		
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74	109.2	88.2	132.2
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44	5.8	5.4	8.0
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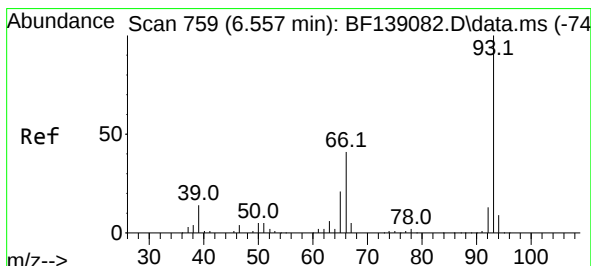
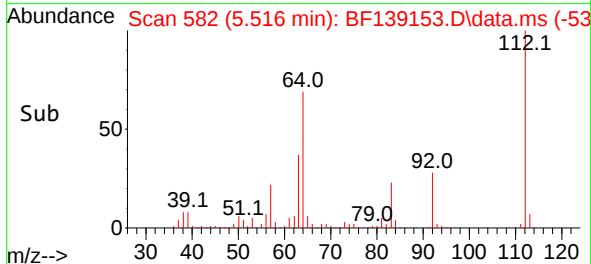
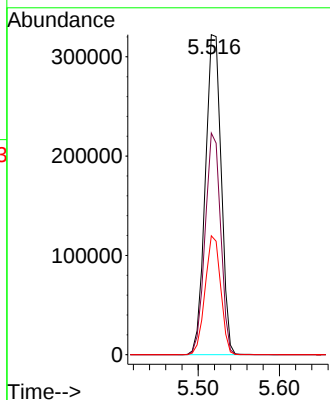
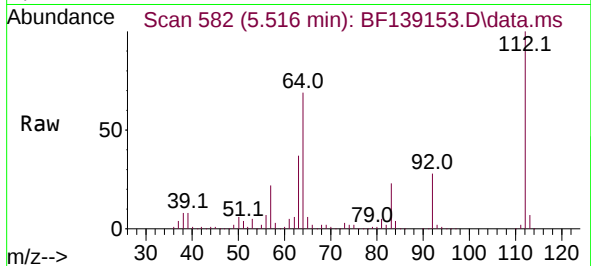




#5
2-Fluorophenol
Concen: 81.635 ng
RT: 5.516 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

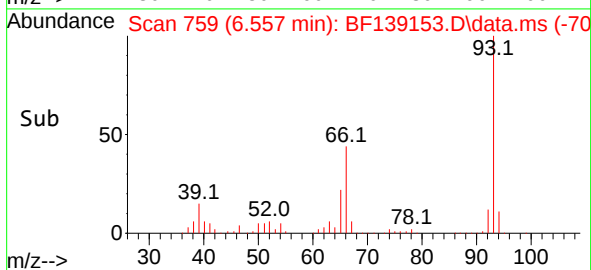
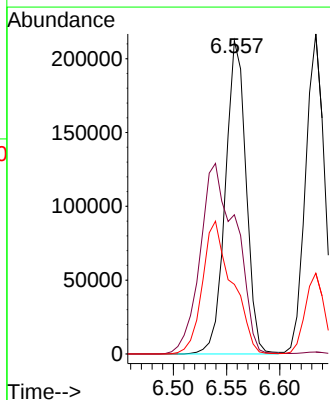
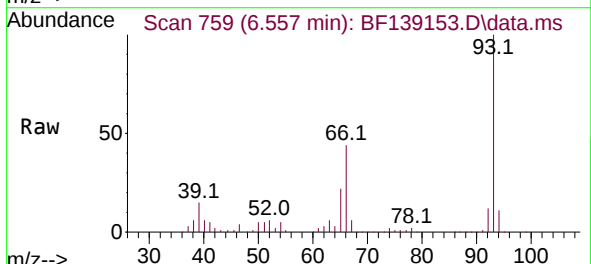
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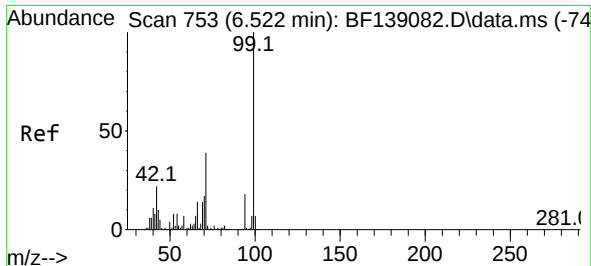
Tgt Ion:112 Resp: 436897
Ion Ratio Lower Upper
112 100
64 69.3 53.8 80.6
63 37.2 29.4 44.2



#6
Aniline
Concen: 45.910 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion: 93 Resp: 286608
Ion Ratio Lower Upper
93 100
66 44.5 35.1 52.7
65 22.2 17.4 26.2

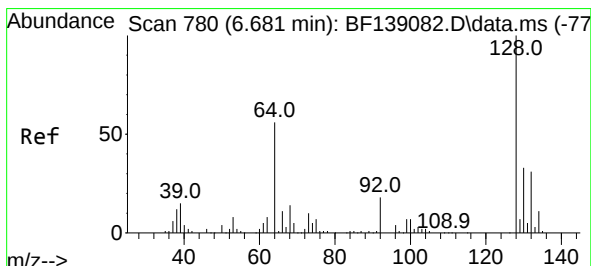
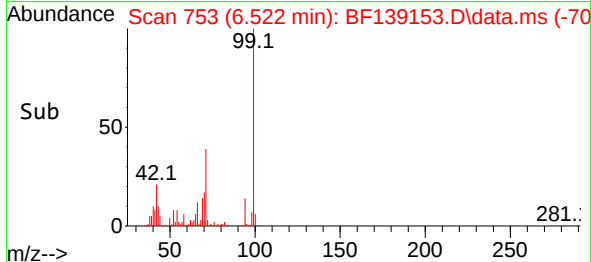
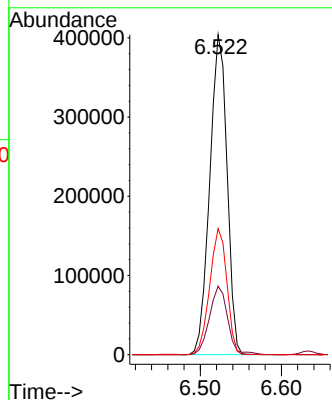
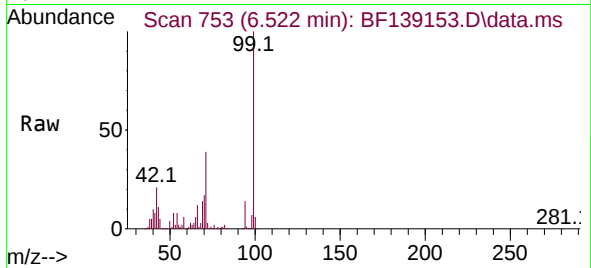




#7
Phenol-d6
Concen: 86.362 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

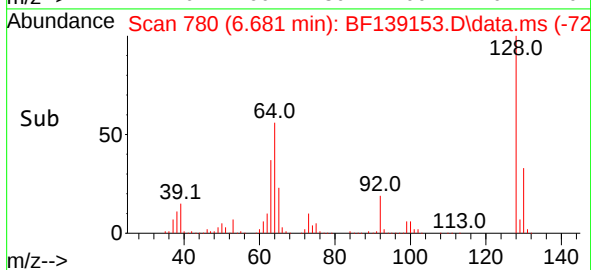
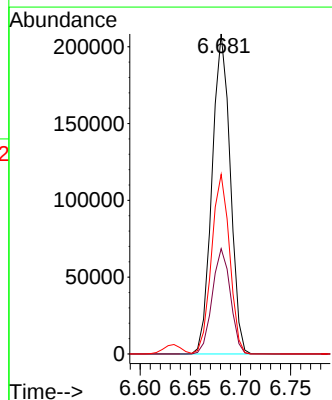
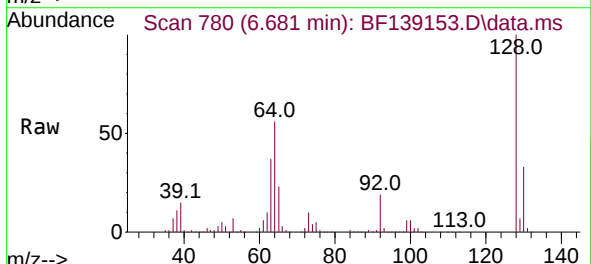
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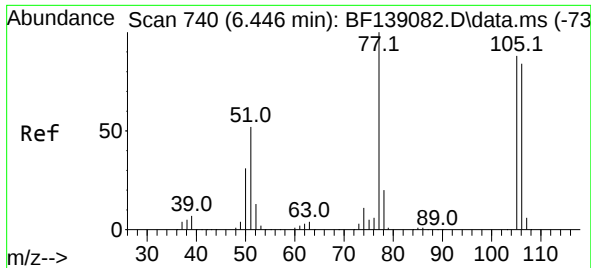
Tgt Ion: 99 Resp: 597214
Ion Ratio Lower Upper
99 100
42 21.4 17.4 26.2
71 39.4 31.2 46.8



#8
2-Chlorophenol
Concen: 51.199 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion: 128 Resp: 263551
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 56.1 39.1 79.1





#9

Benzaldehyde

Concen: 33.128 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.001 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

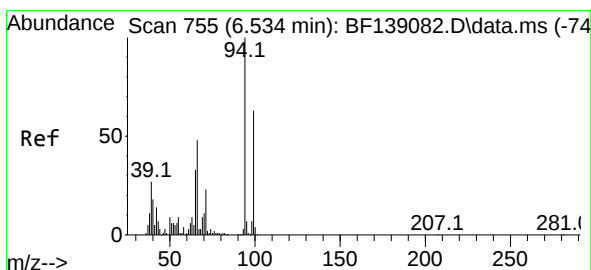
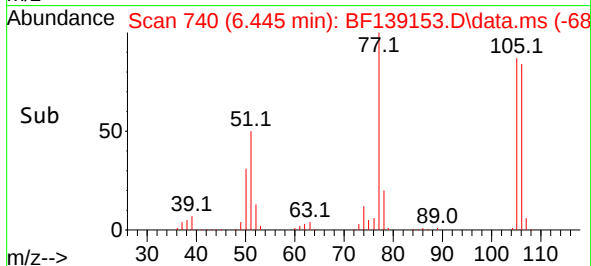
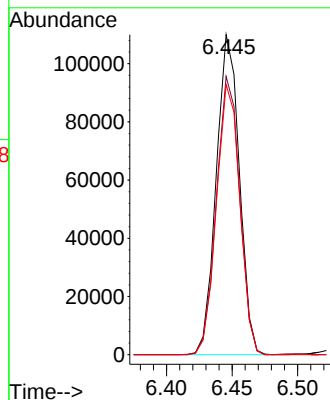
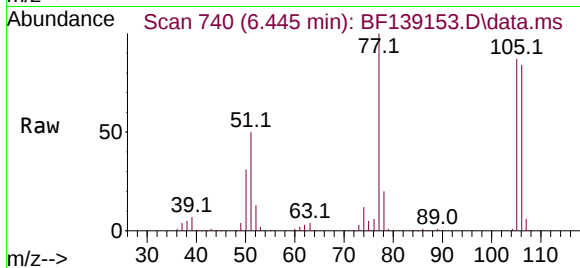
Tgt Ion: 77 Resp: 134358

Ion Ratio Lower Upper

77 100

105 86.9 68.2 108.2

106 84.4 63.8 103.8



#10

Phenol

Concen: 50.620 ng

RT: 6.540 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

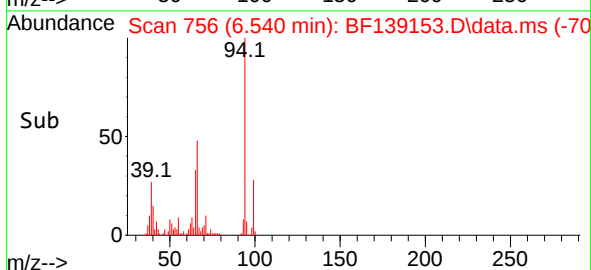
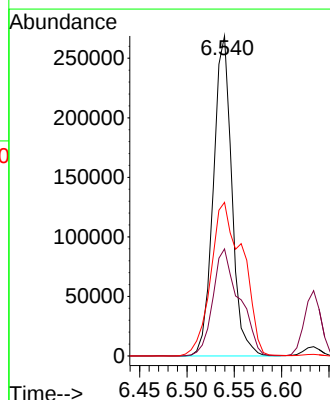
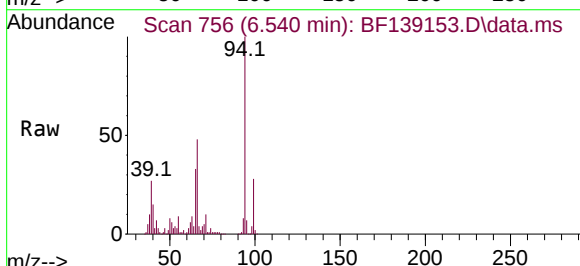
Tgt Ion: 94 Resp: 364226

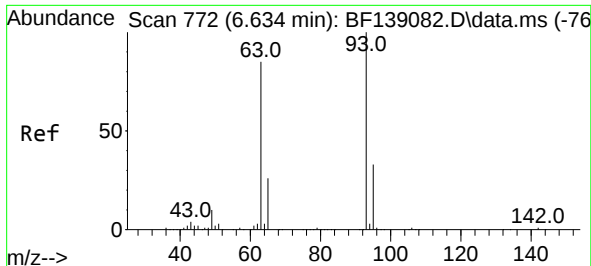
Ion Ratio Lower Upper

94 100

65 33.5 13.5 53.5

66 48.0 28.5 68.5

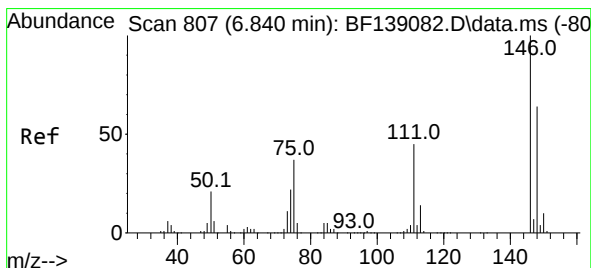
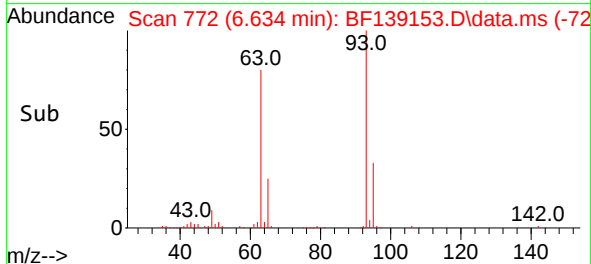
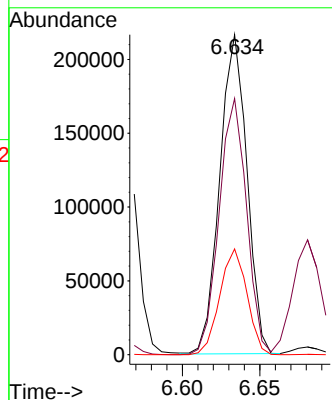
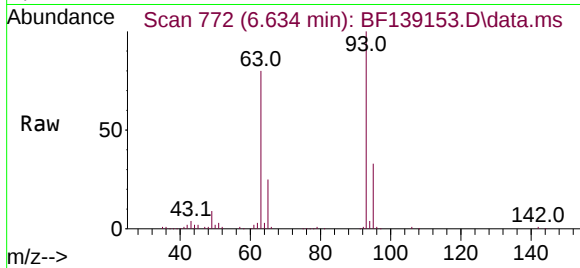




#11
bis(2-Chloroethyl)ether
Concen: 45.546 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

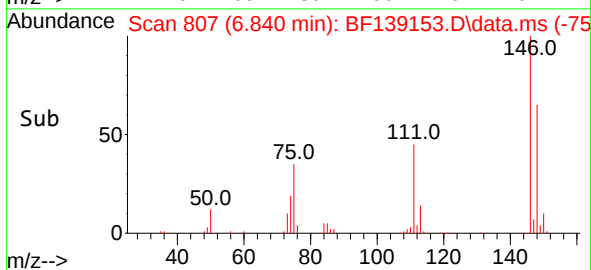
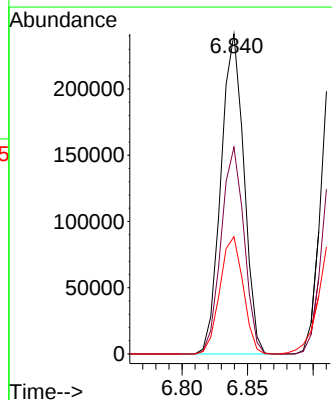
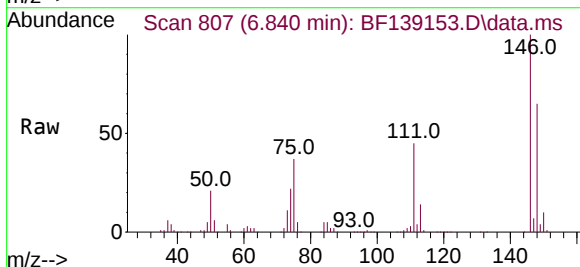
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

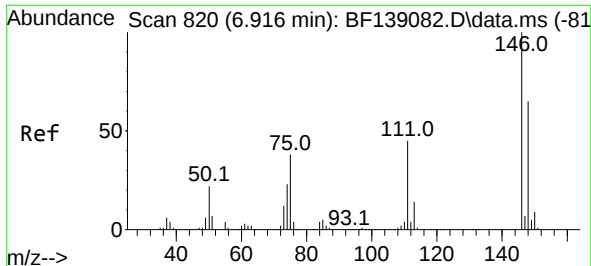
Tgt Ion: 93 Resp: 263550
Ion Ratio Lower Upper
93 100
63 80.0 62.7 102.7
95 33.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 47.497 ng
RT: 6.840 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:146 Resp: 293964
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 36.6 29.9 44.9

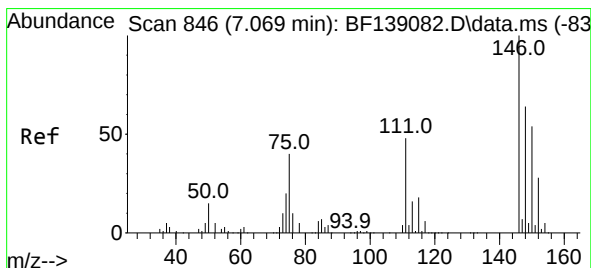
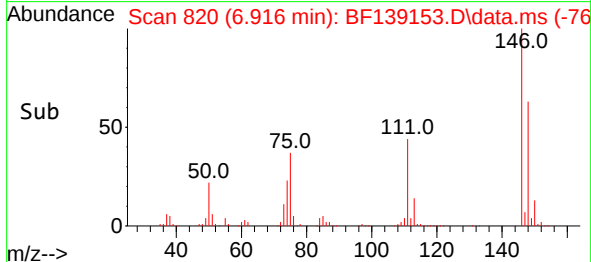
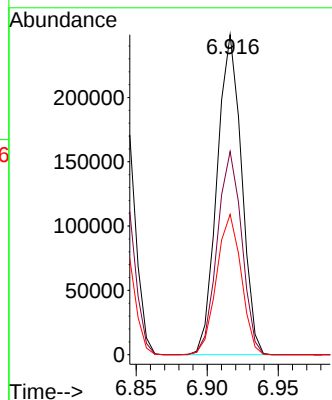
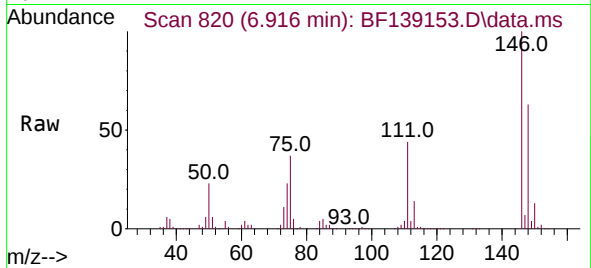




#13
1,4-Dichlorobenzene
Concen: 48.243 ng
RT: 6.916 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

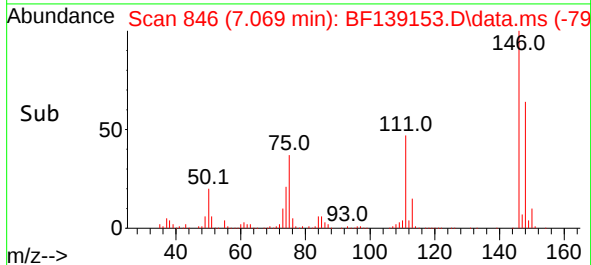
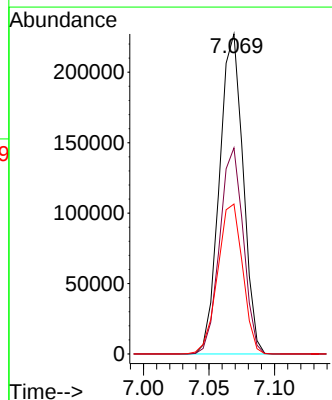
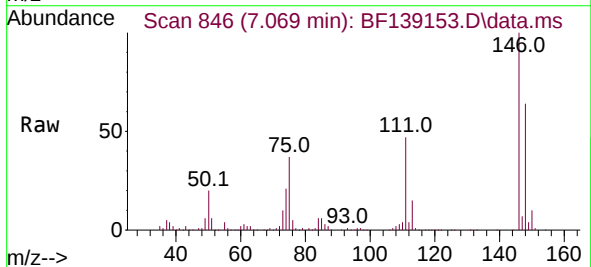
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

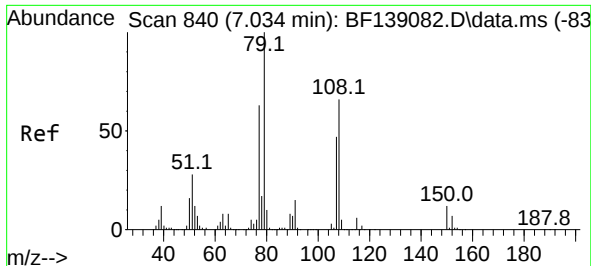
Tgt Ion:146 Resp: 298529
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
111 43.8 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 50.264 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:146 Resp: 284268
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 46.8 38.1 57.1

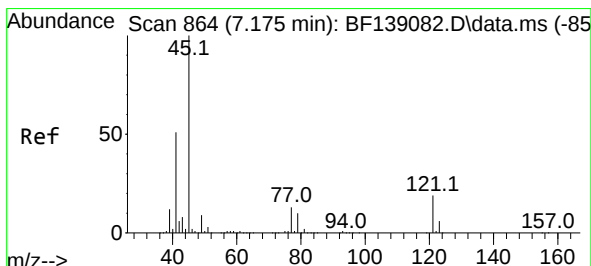
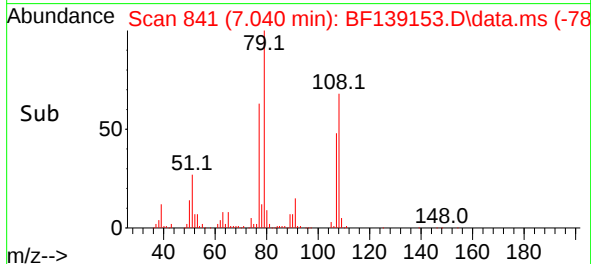
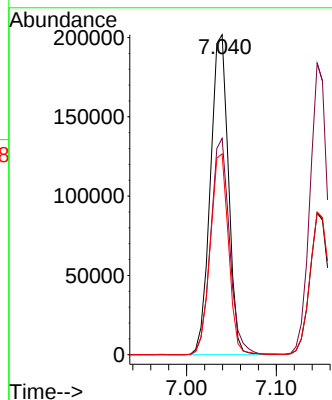
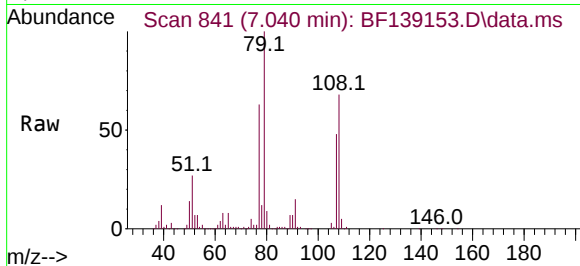




#15
Benzyl Alcohol
Concen: 51.513 ng
RT: 7.040 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

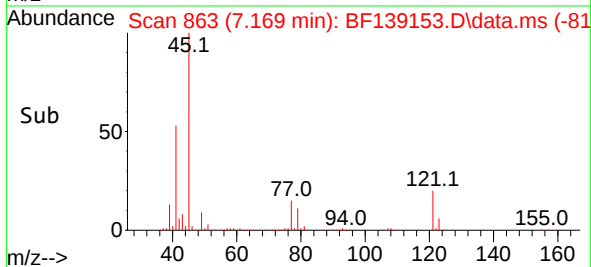
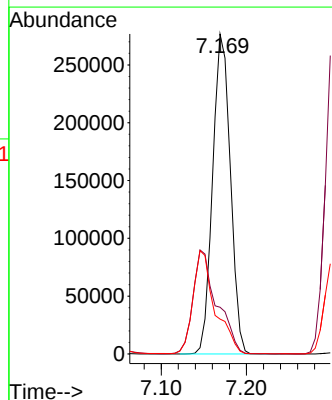
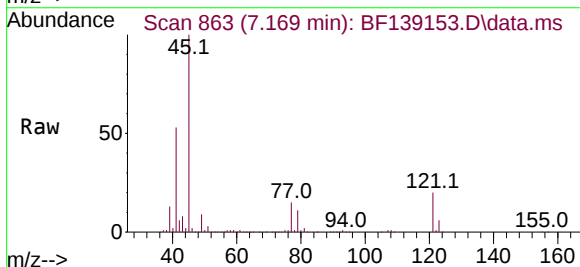
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

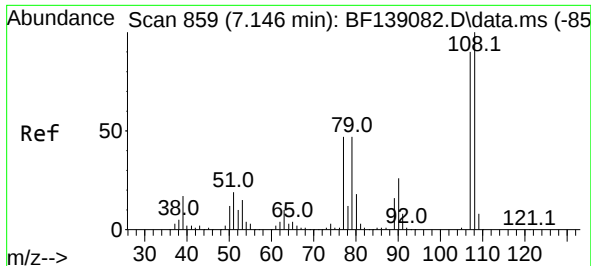
Tgt Ion: 79 Resp: 281545
Ion Ratio Lower Upper
79 100
108 67.6 52.8 79.2
77 62.7 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.117 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion: 45 Resp: 400358
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.7
79 10.9 0.0 30.4

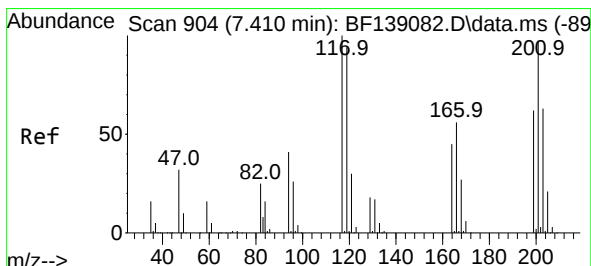
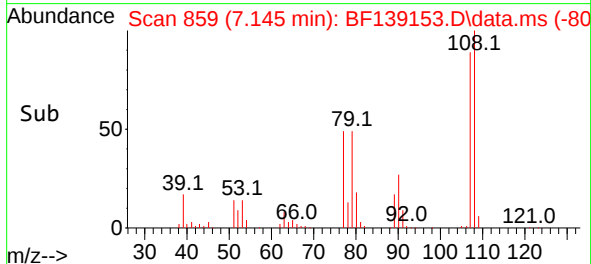
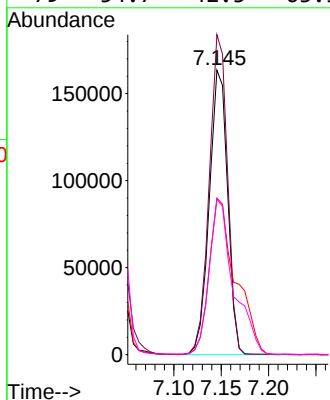
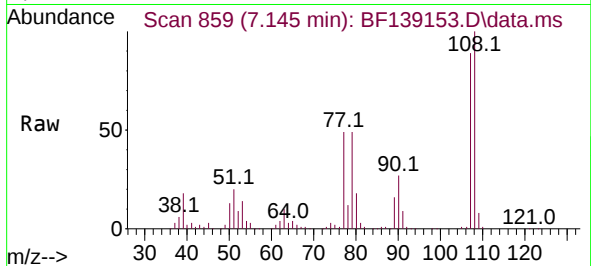




#17
2-Methylphenol
Concen: 49.964 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

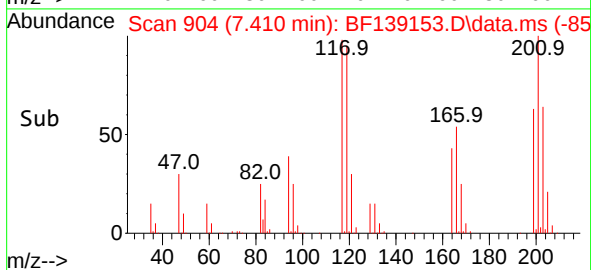
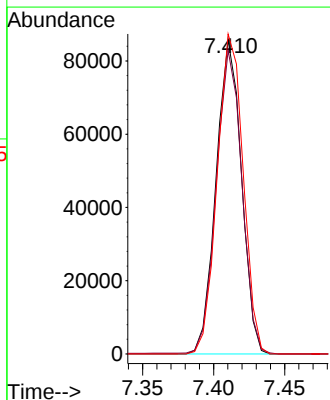
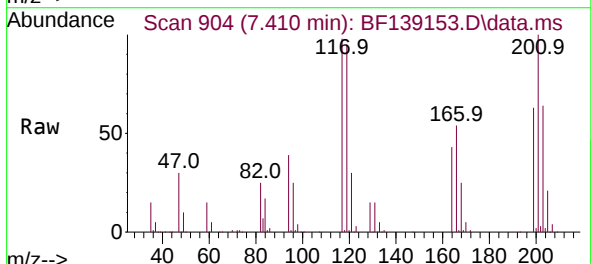
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MSD

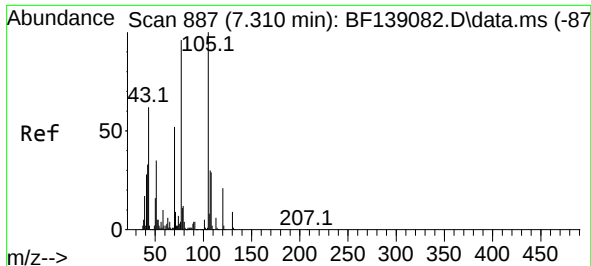
Tgt Ion:	107	Resp:	220030
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.1	133.7
77	55.0	42.1	63.1
79	54.7	42.3	63.5



#18
Hexachloroethane
Concen: 49.030 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:	117	Resp:	106391
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.5	113.3
201	101.9	77.8	116.8



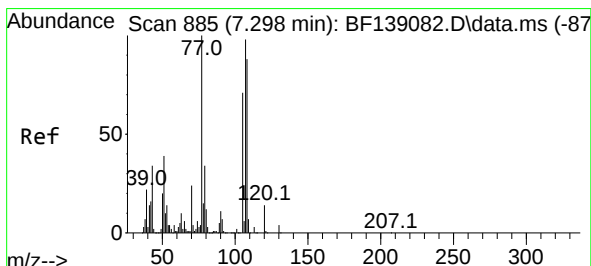
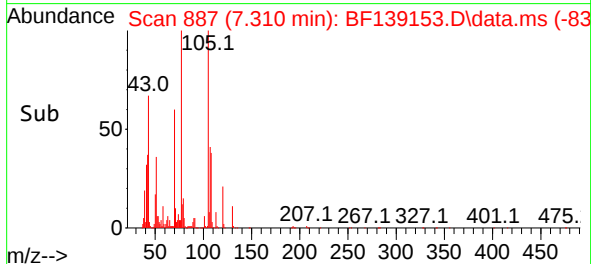
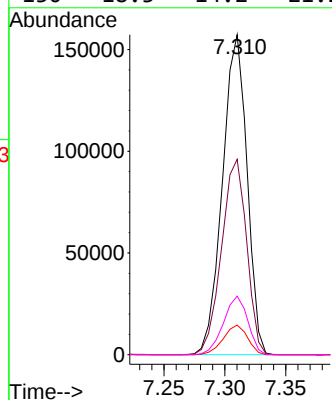
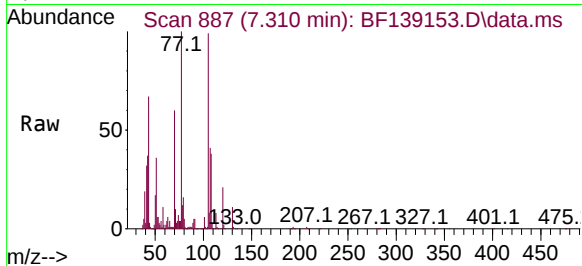


#19
n-Nitroso-di-n-propylamine
Concen: 48.599 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

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

Tgt Ion: 70 Resp: 220701

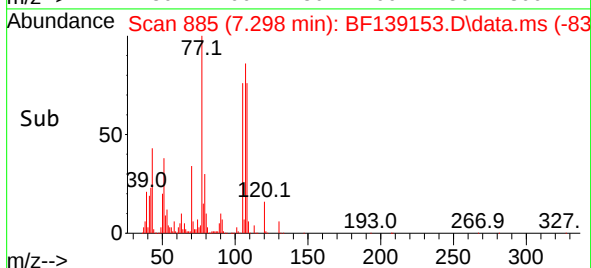
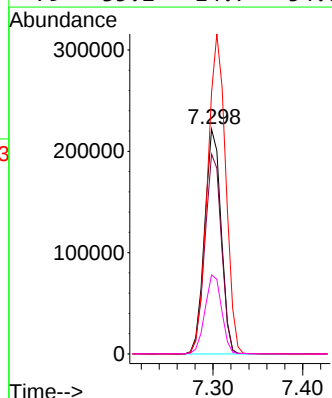
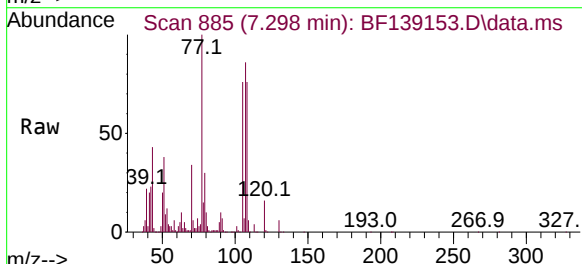
Ion	Ratio	Lower	Upper
70	100		
42	61.0	50.5	75.7
101	9.3	7.2	10.8
130	18.3	14.2	21.2

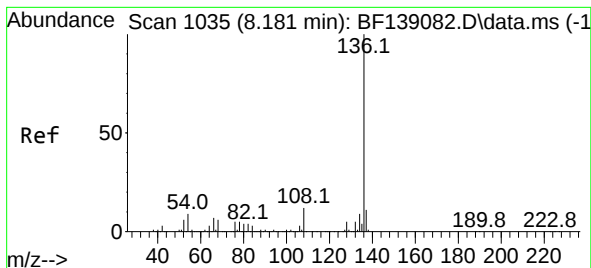


#20
3+4-Methylphenols
Concen: 49.705 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion: 107 Resp: 283602

Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.2	110.2
77	116.3	82.7	122.7
79	35.2	14.7	54.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF139153.D

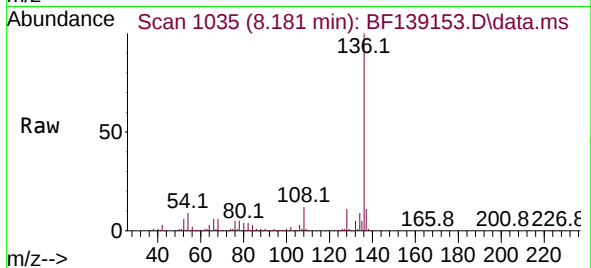
Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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



Tgt Ion:136 Resp: 302699

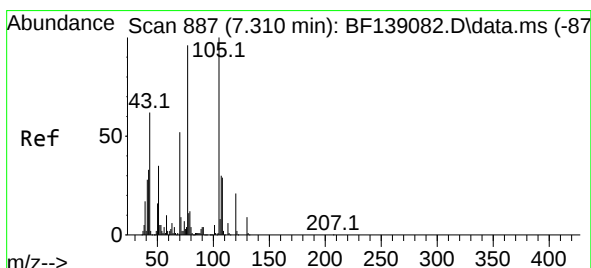
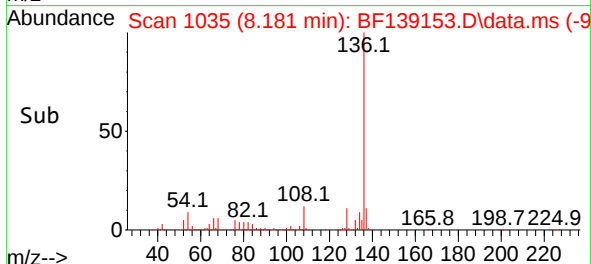
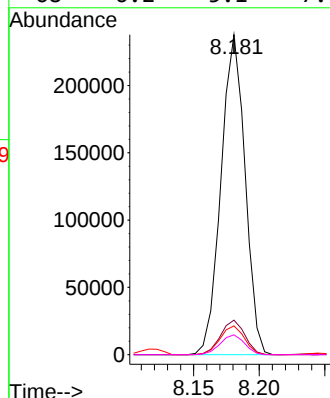
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.0 7.6 11.4

68 6.2 5.1 7.7



#22

Acetophenone

Concen: 49.998 ng

RT: 7.304 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Tgt Ion:105 Resp: 386429

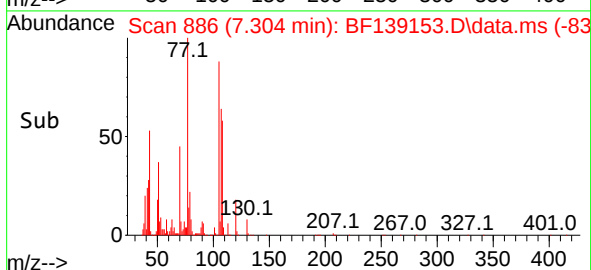
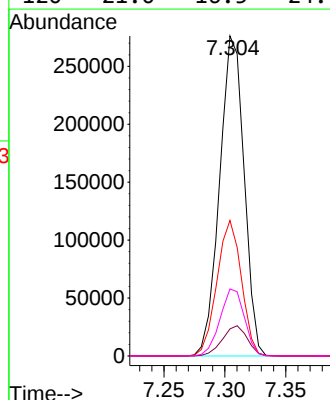
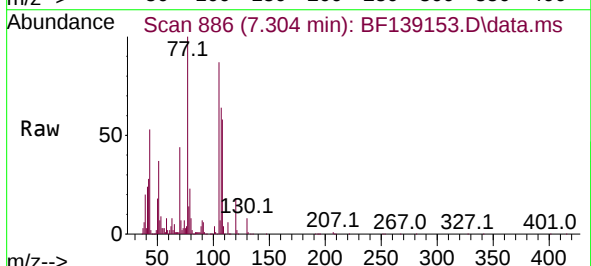
Ion Ratio Lower Upper

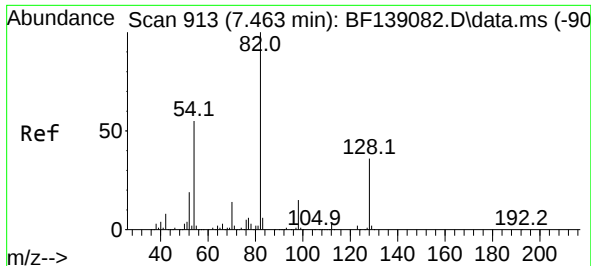
105 100

71 8.5 7.0 10.6

51 42.3 28.0 42.0#

120 21.0 16.5 24.7





#23

Nitrobenzene-d5

Concen: 81.688 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

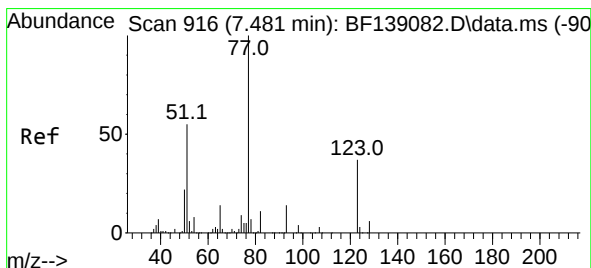
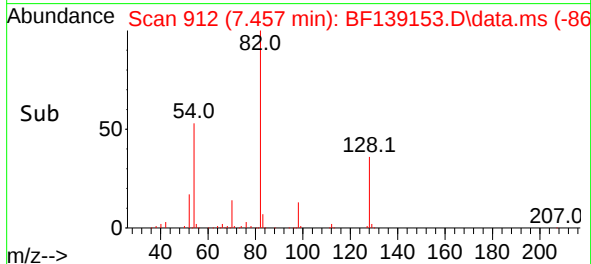
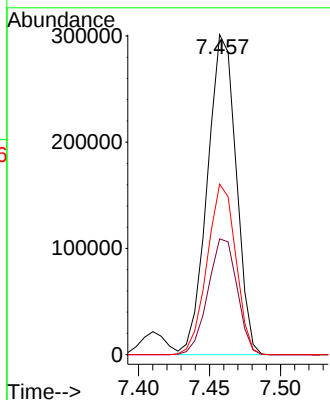
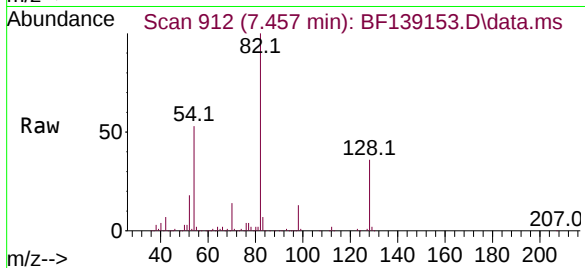
Tgt Ion: 82 Resp: 424349

Ion Ratio Lower Upper

82 100

128 36.2 29.0 43.4

54 53.3 43.4 65.2



#24

Nitrobenzene

Concen: 56.145 ng

RT: 7.481 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

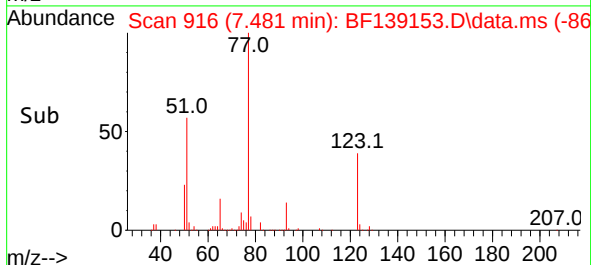
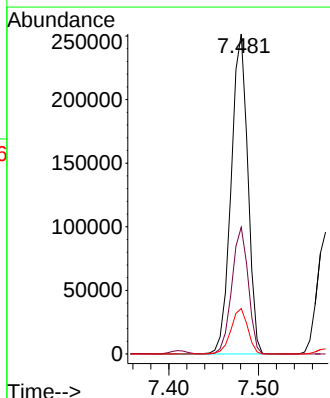
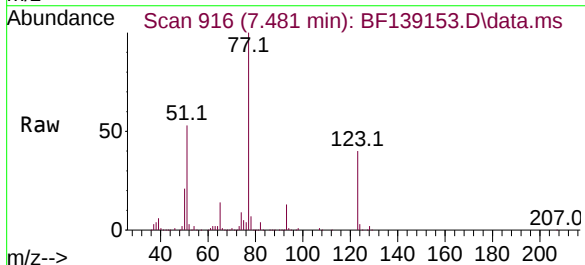
Tgt Ion: 77 Resp: 324189

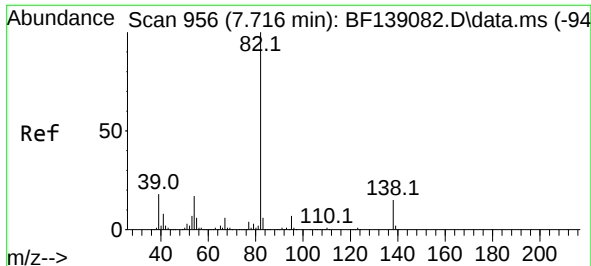
Ion Ratio Lower Upper

77 100

123 39.6 30.3 45.5

65 14.2 11.3 16.9

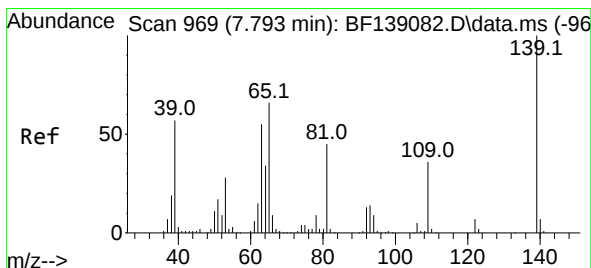
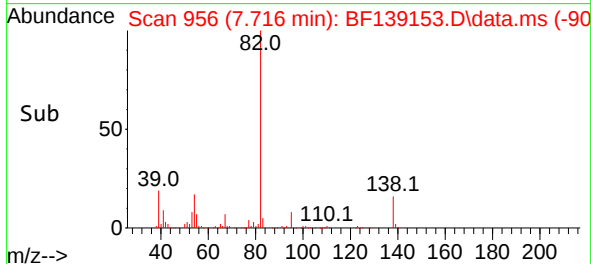
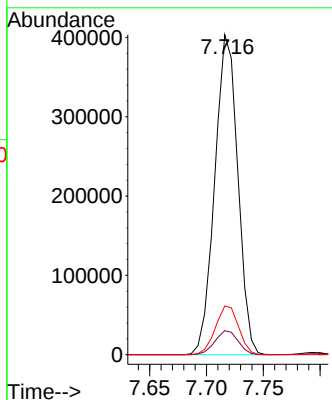
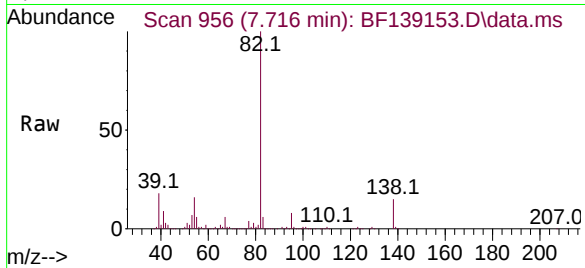




#25
Isophorone
Concen: 51.620 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

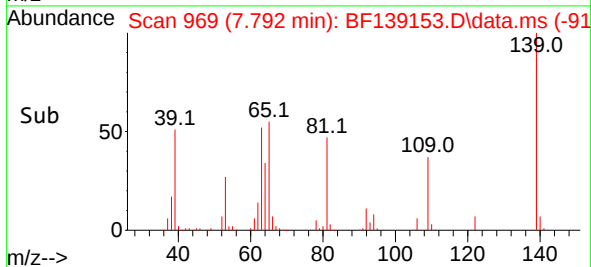
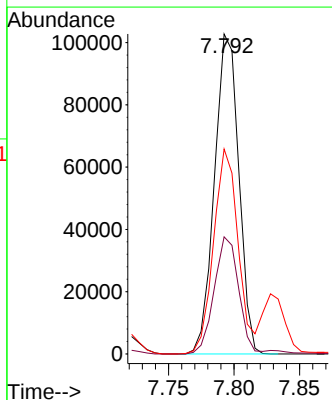
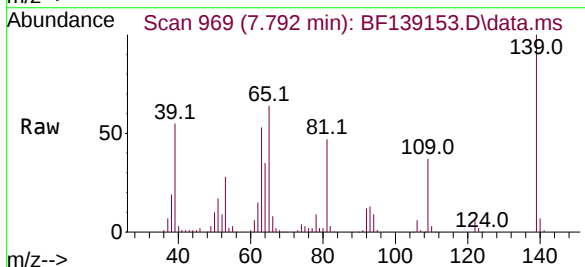
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

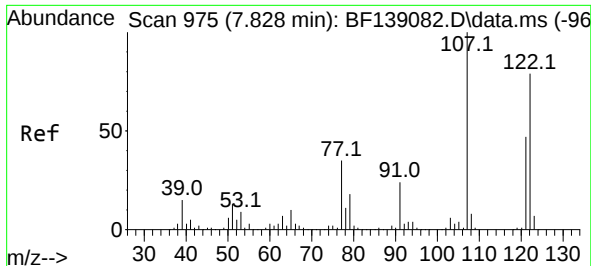
Tgt Ion: 82 Resp: 569959
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 15.2 11.8 17.8



#26
2-Nitrophenol
Concen: 63.685 ng
RT: 7.792 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:139 Resp: 132397
Ion Ratio Lower Upper
139 100
109 36.6 29.2 43.8
65 64.1 52.7 79.1

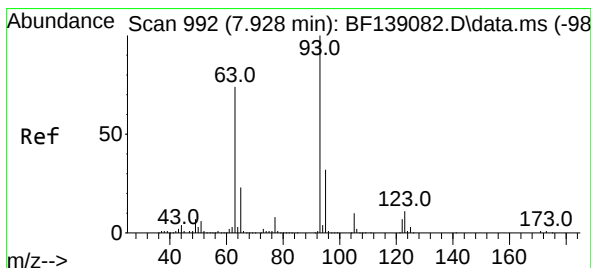
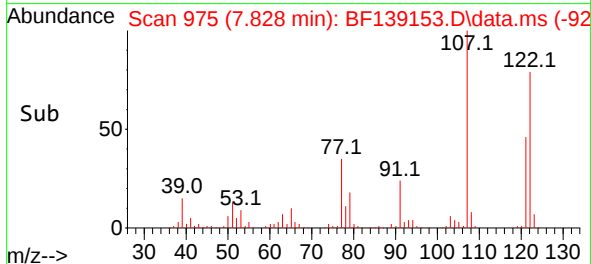
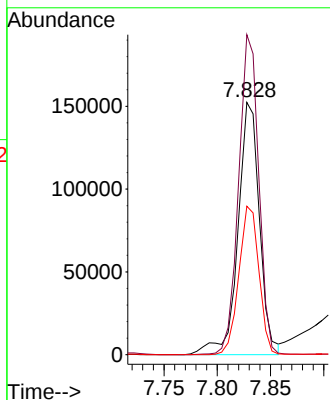
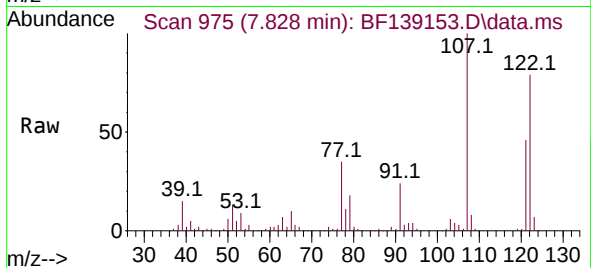




#27
2,4-Dimethylphenol
Concen: 61.160 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

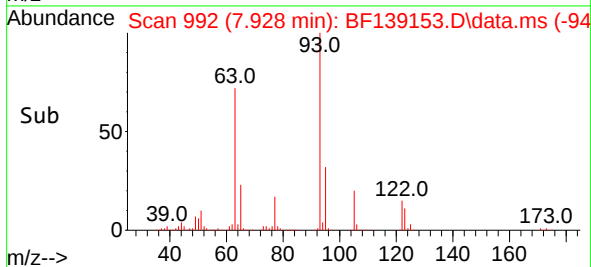
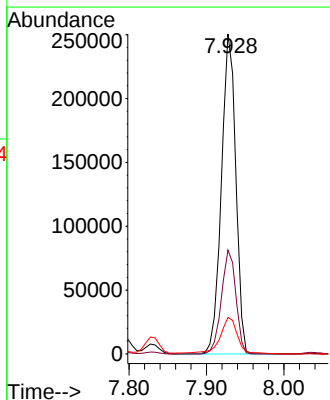
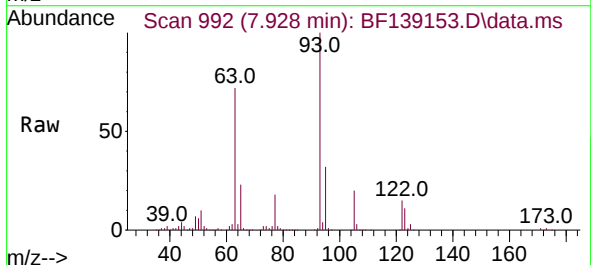
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

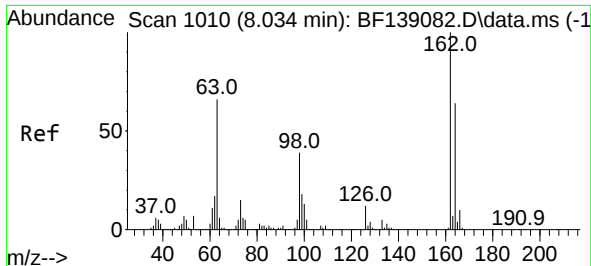
Tgt Ion:122 Resp: 214138
Ion Ratio Lower Upper
122 100
107 126.8 101.1 151.7
121 58.9 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 50.258 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion: 93 Resp: 324238
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 51.281 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

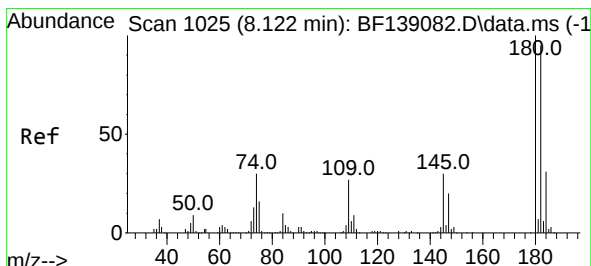
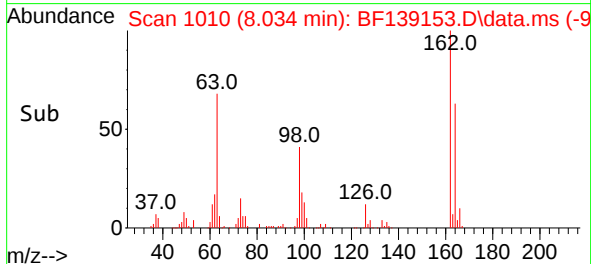
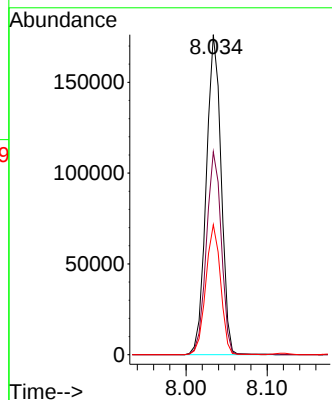
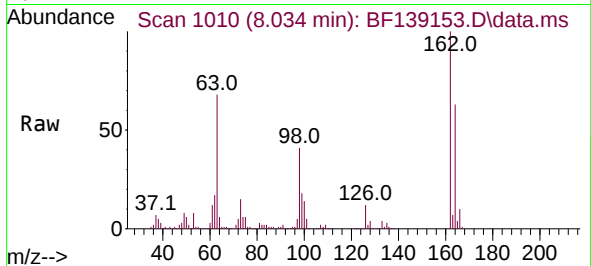
Tgt Ion:162 Resp: 223686

Ion Ratio Lower Upper

162 100

164 63.4 43.9 83.9

98 40.6 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 47.563 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

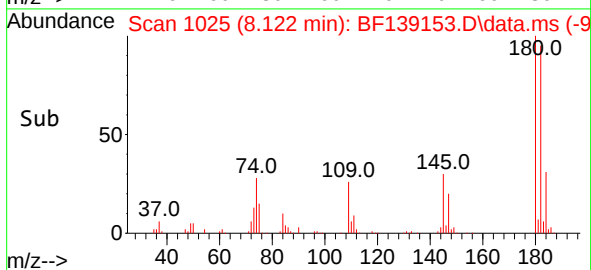
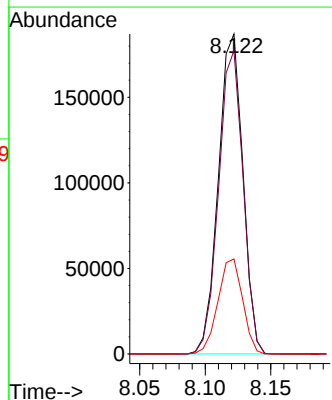
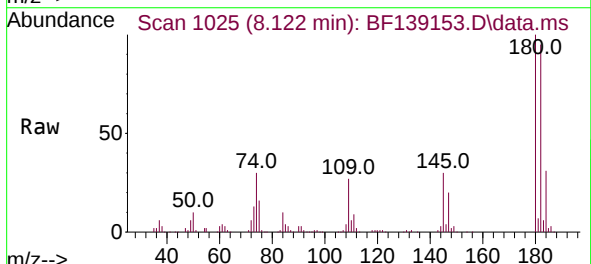
Tgt Ion:180 Resp: 242931

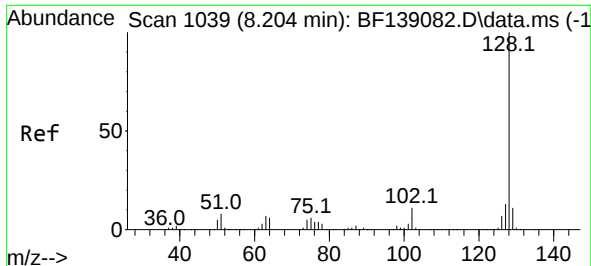
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

145 29.7 23.9 35.9

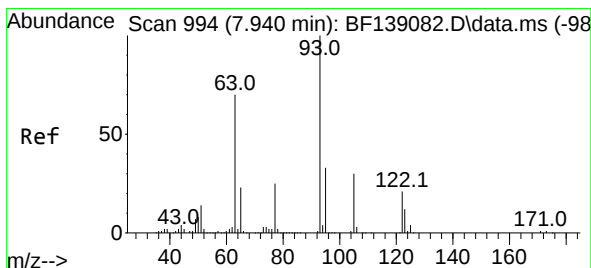
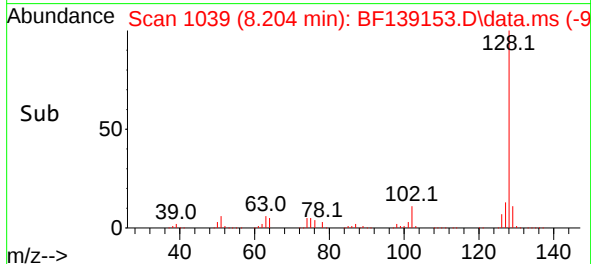
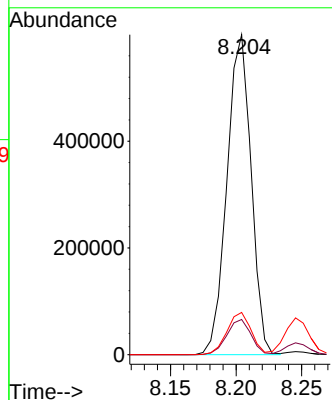
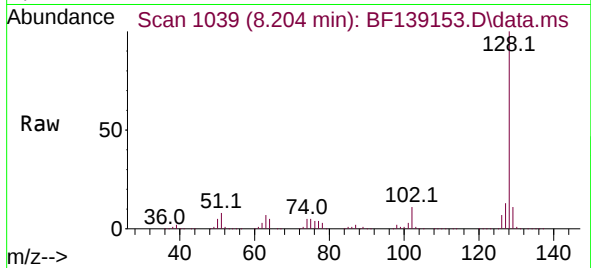




#31
Naphthalene
Concen: 50.086 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

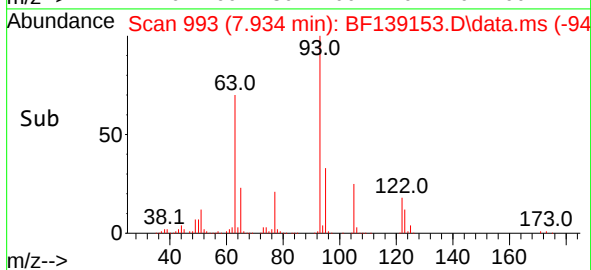
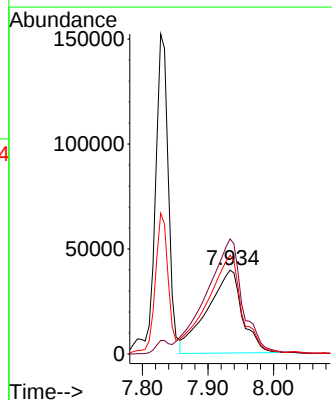
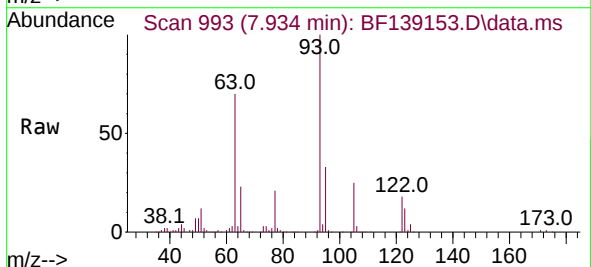
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

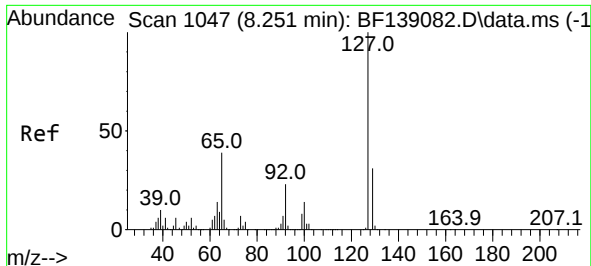
Tgt Ion:128 Resp: 768285
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 49.656 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:122 Resp: 145800
Ion Ratio Lower Upper
122 100
105 137.2 119.6 159.6
77 117.8 97.6 137.6

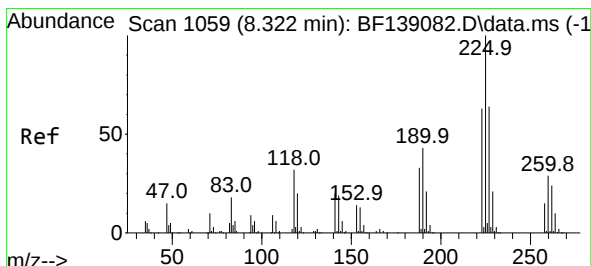
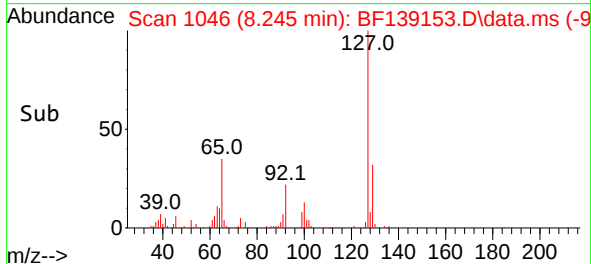
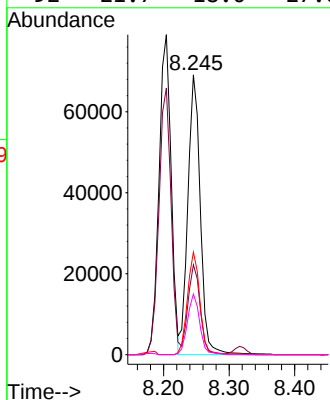
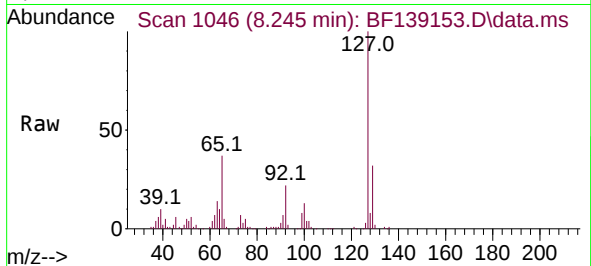




#33
4-Chloroaniline
Concen: 17.415 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

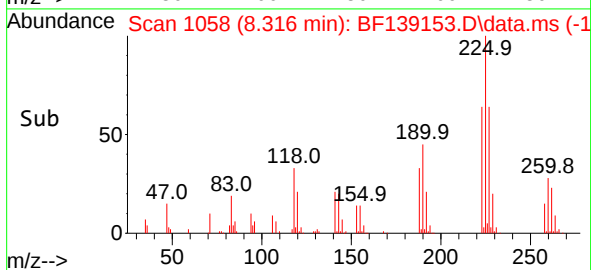
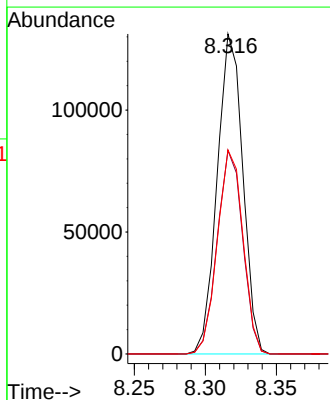
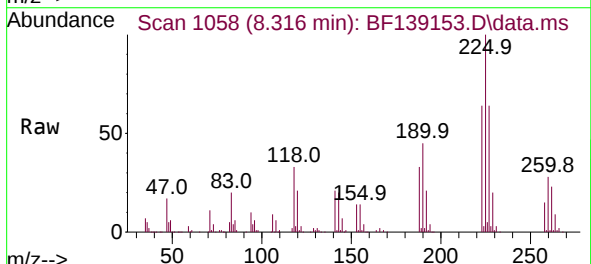
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MSD

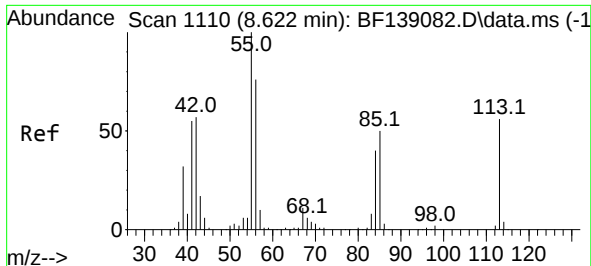
Tgt Ion:127	Resp:	91485
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.0 39.0
65	36.7	30.3 45.5
92	21.7	18.0 27.0



#34
Hexachlorobutadiene
Concen: 49.253 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:225	Resp:	164330
Ion Ratio	Lower	Upper
225	100	
223	63.6	50.0 75.0
227	63.7	51.4 77.2

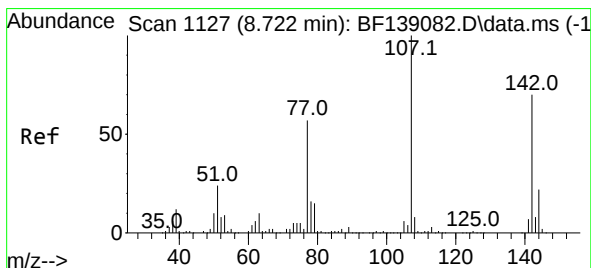
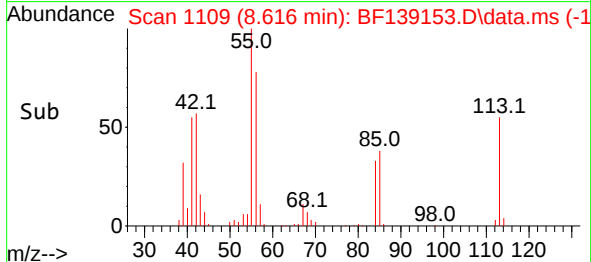
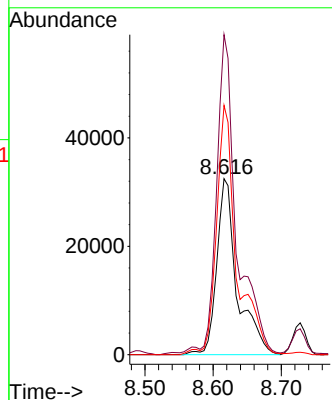
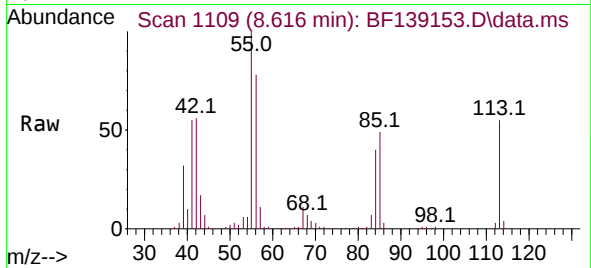




#35
 Caprolactam
 Concen: 48.881 ng
 RT: 8.616 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF139153.D
 Acq: 23 Aug 2024 18:14

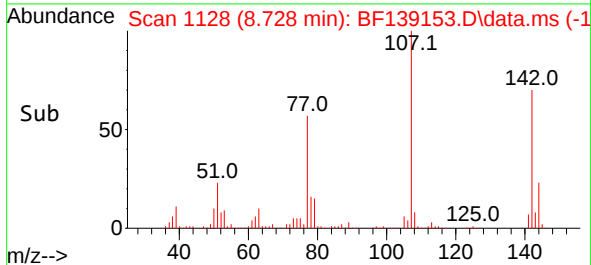
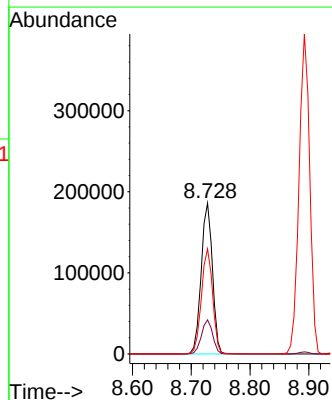
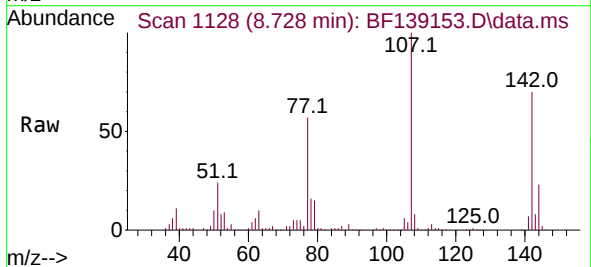
Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MSD

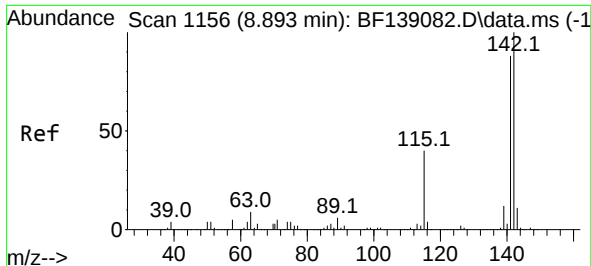
Tgt Ion:113 Resp: 67599
 Ion Ratio Lower Upper
 113 100
 55 181.7 158.6 198.6
 56 141.6 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 51.228 ng
 RT: 8.728 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: BF139153.D
 Acq: 23 Aug 2024 18:14

Tgt Ion:107 Resp: 247417
 Ion Ratio Lower Upper
 107 100
 144 22.6 17.7 26.5
 142 69.7 55.6 83.4





#37

2-Methylnaphthalene

Concen: 50.506 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

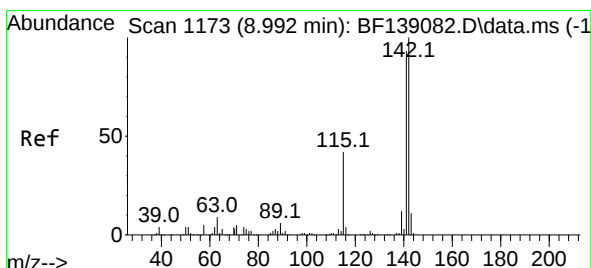
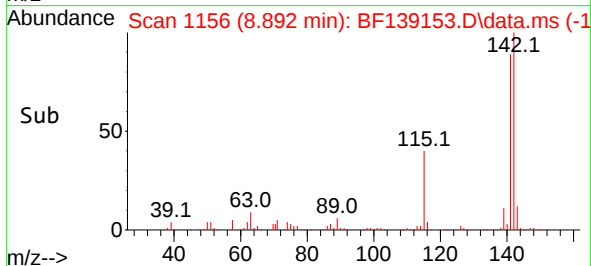
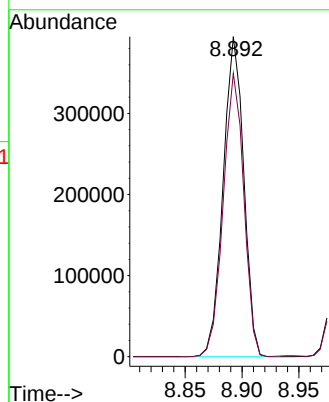
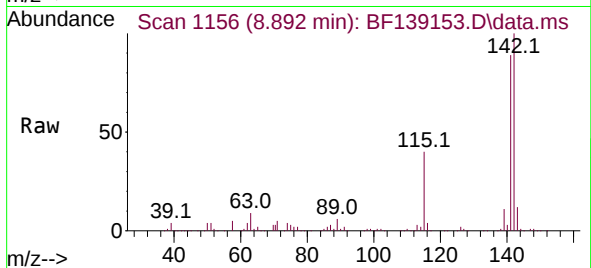
S-929-K1-SO-0-0.5-082024MSD

Tgt Ion:142 Resp: 496920

Ion Ratio Lower Upper

142 100

141 88.6 70.6 105.8



#38

1-Methylnaphthalene

Concen: 48.519 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF139153.D

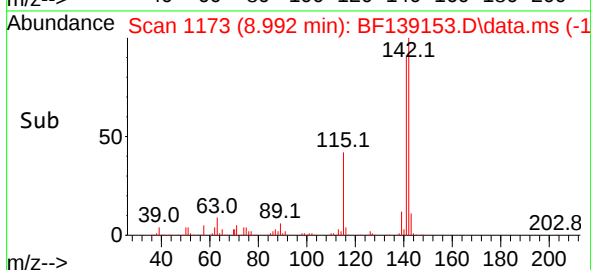
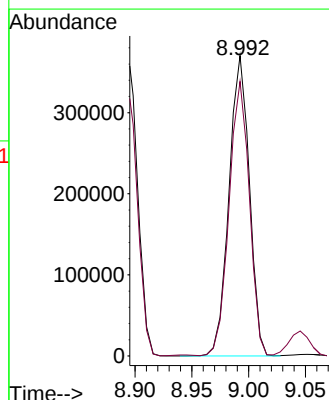
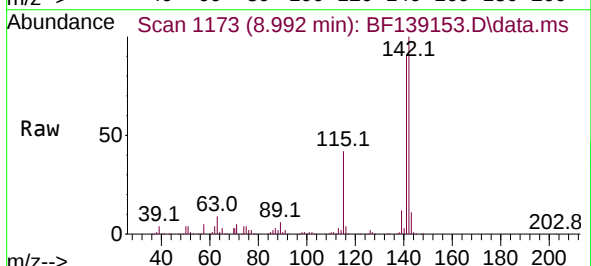
Acq: 23 Aug 2024 18:14

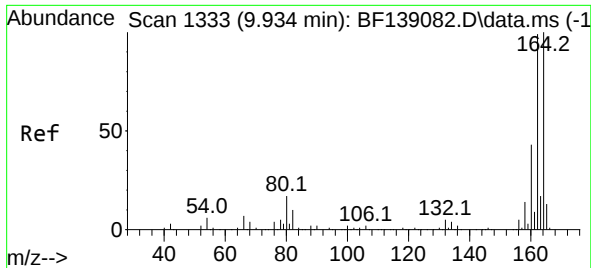
Tgt Ion:142 Resp: 460724

Ion Ratio Lower Upper

142 100

141 91.4 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 11

Delta R.T. -0.001 min

Lab File: BF139153.D

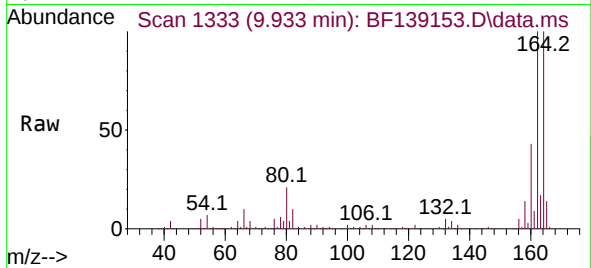
Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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



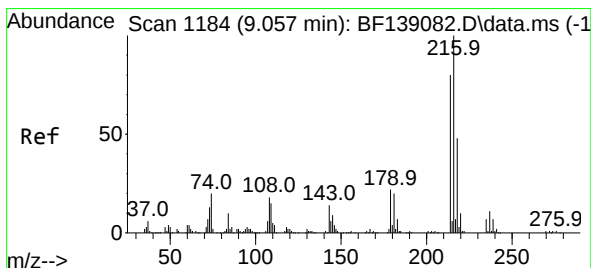
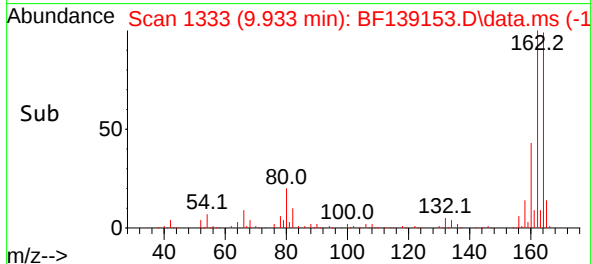
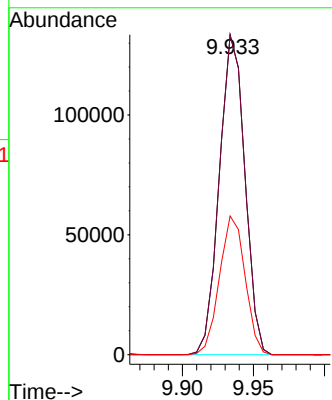
Tgt Ion:164 Resp: 166761

Ion Ratio Lower Upper

164 100

162 99.9 79.5 119.3

160 43.3 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.536 ng

RT: 9.057 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Tgt Ion:216 Resp: 249962

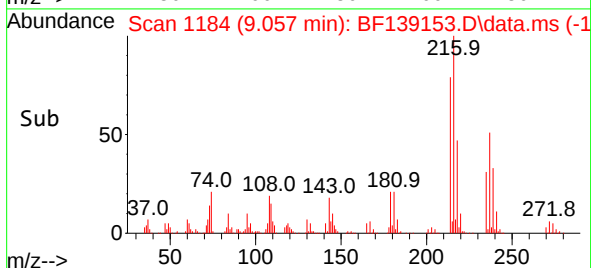
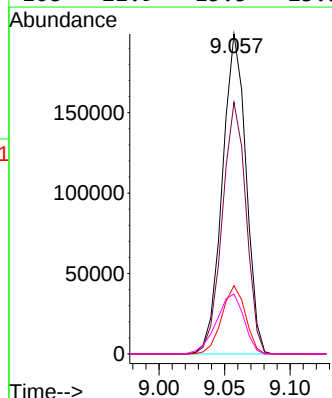
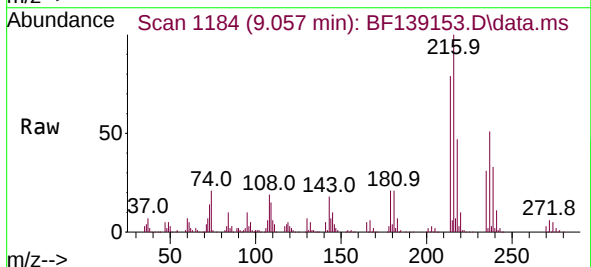
Ion Ratio Lower Upper

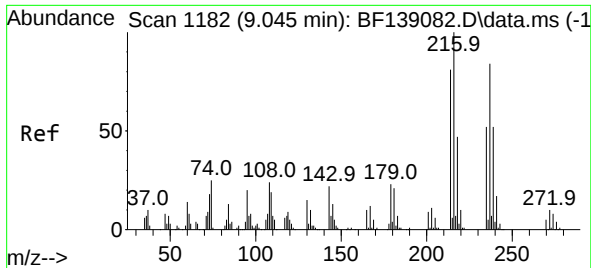
216 100

214 78.6 64.2 96.2

179 21.3 17.4 26.2

108 21.9 15.5 23.3

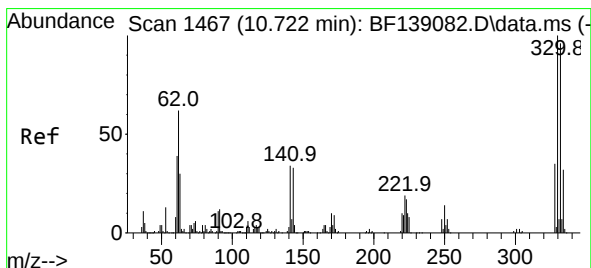
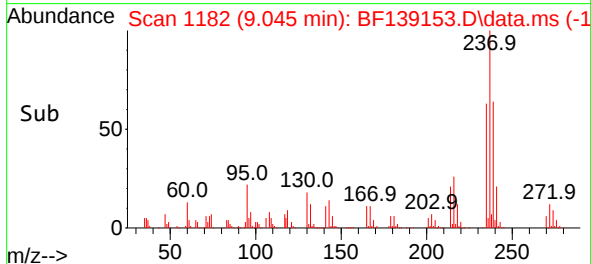
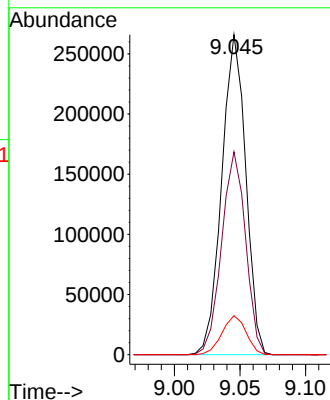
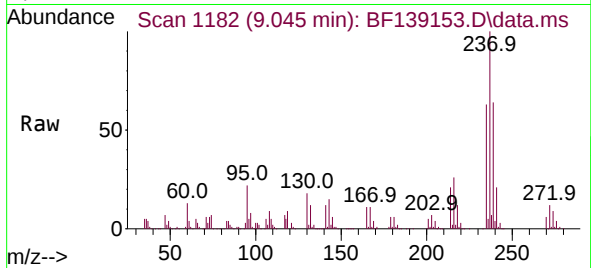




#41
Hexachlorocyclopentadiene
Concen: 192.847 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

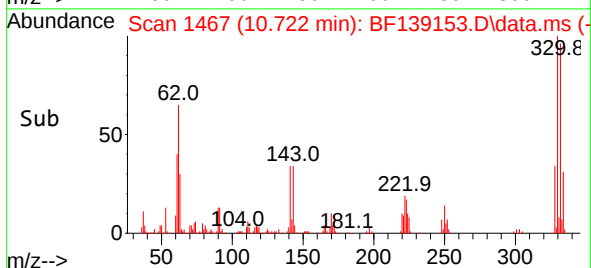
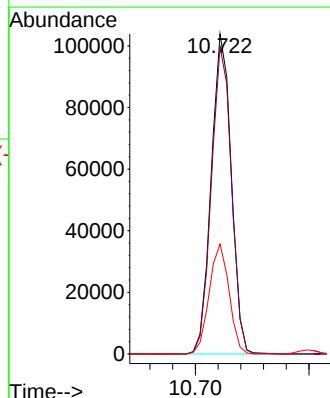
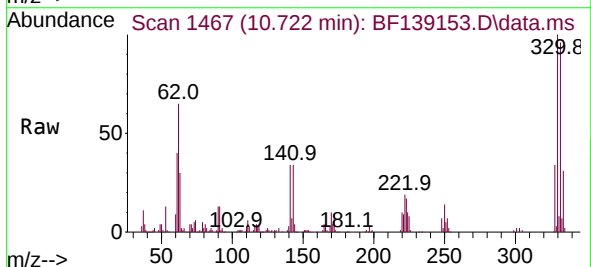
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

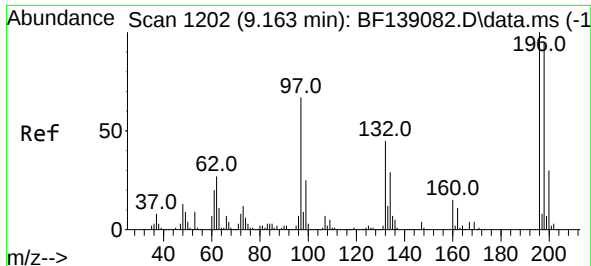
Tgt Ion:	237	Resp:	338385
Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.5	82.5
272	12.2	0.0	32.0



#42
2,4,6-Tribromophenol
Concen: 84.178 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:	330	Resp:	127081
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.0	27.5	41.3





#43

2,4,6-Trichlorophenol

Concen: 54.347 ng

RT: 9.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

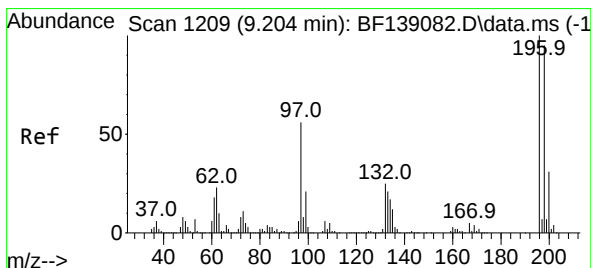
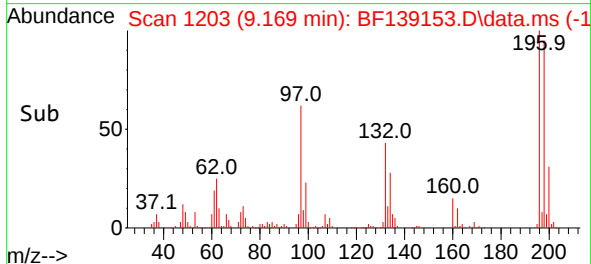
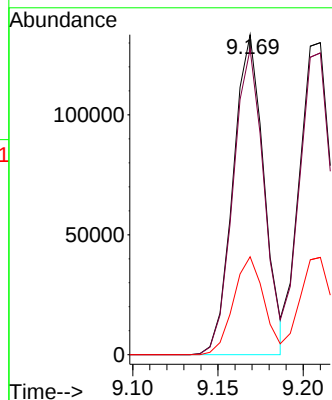
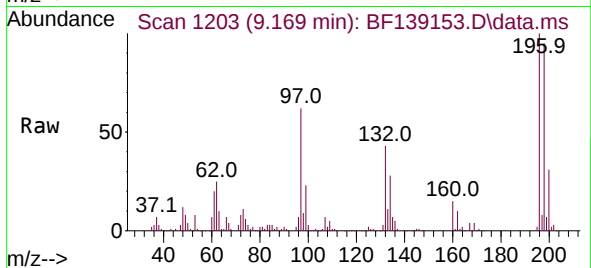
Tgt Ion:196 Resp: 167440

Ion Ratio Lower Upper

196 100

198 95.5 76.4 114.6

200 30.6 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 53.593 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Tgt Ion:196 Resp: 169486

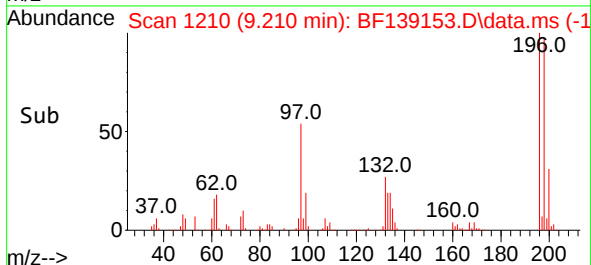
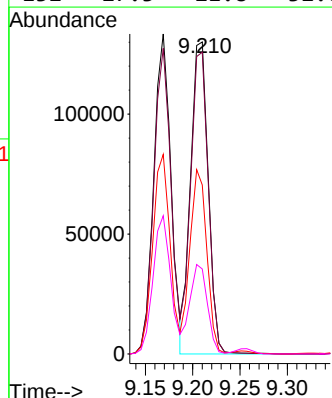
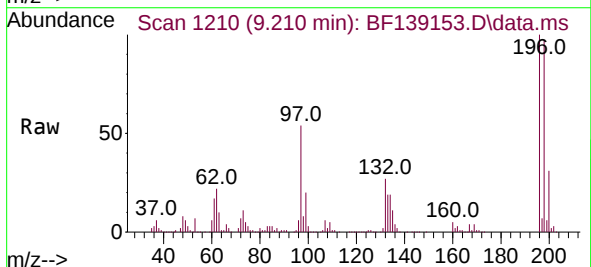
Ion Ratio Lower Upper

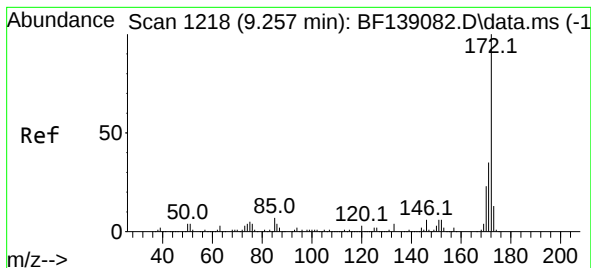
196 100

198 96.7 76.6 114.8

97 54.1 44.6 67.0

132 27.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 50.576 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

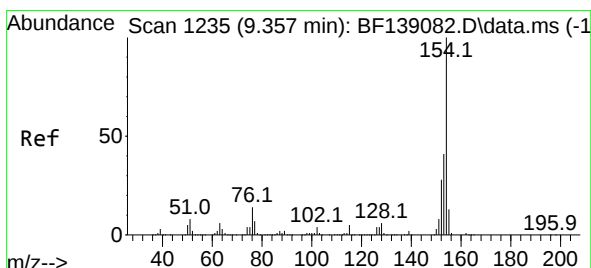
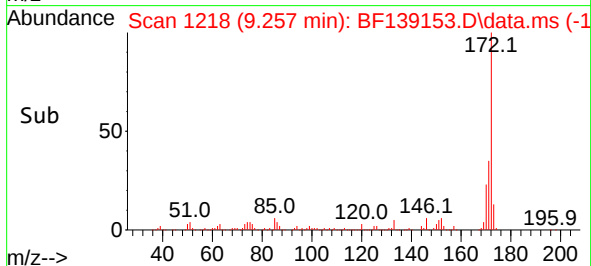
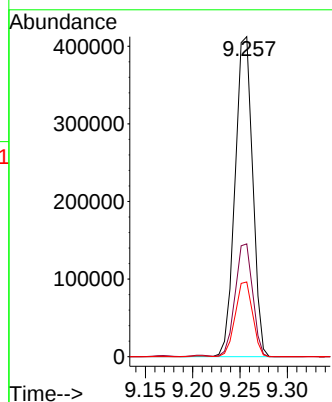
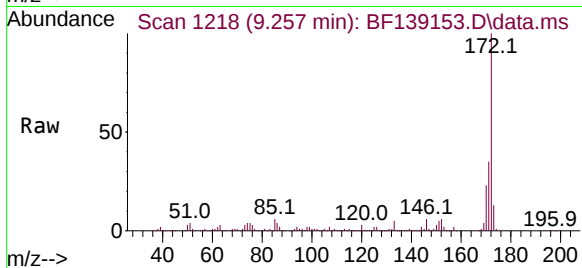
Tgt Ion:172 Resp: 531578

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 54.096 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

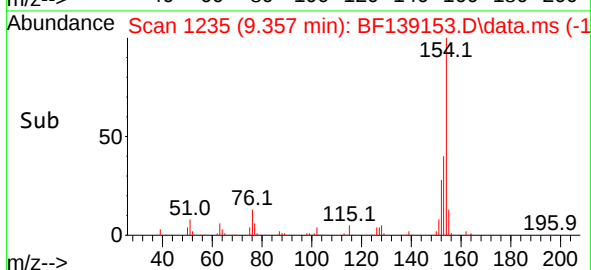
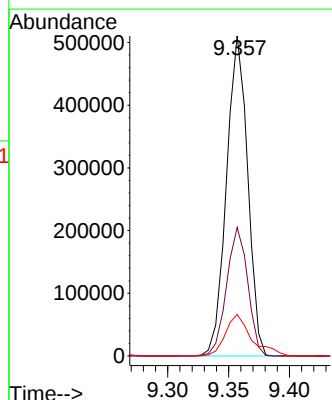
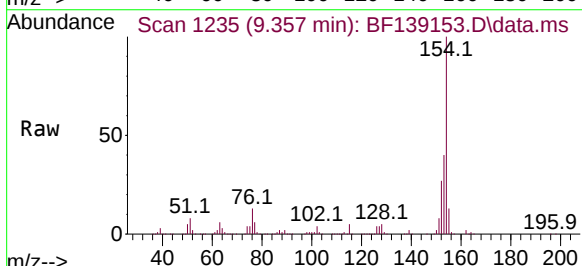
Tgt Ion:154 Resp: 617969

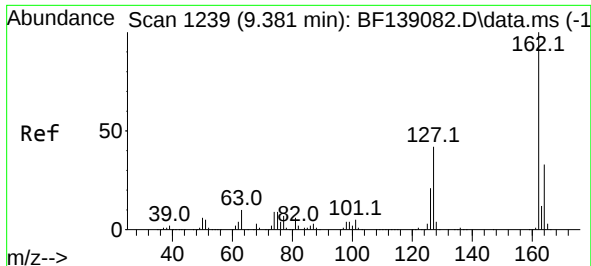
Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

76 12.9 0.0 33.6

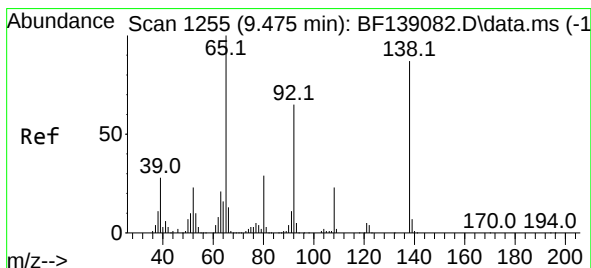
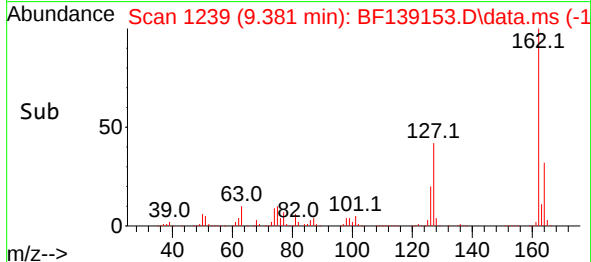
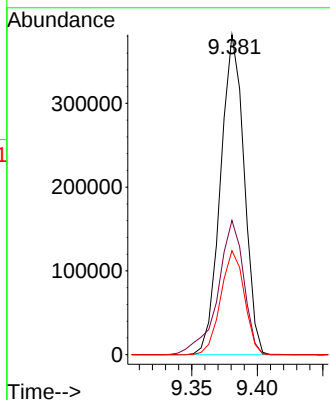
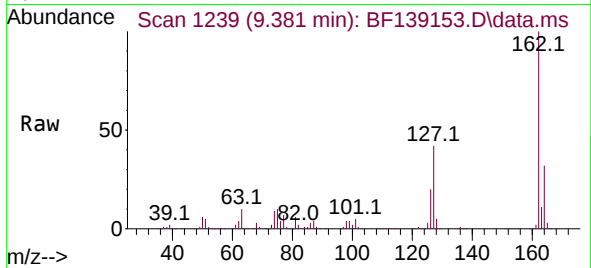




#47
2-Chloronaphthalene
Concen: 51.476 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

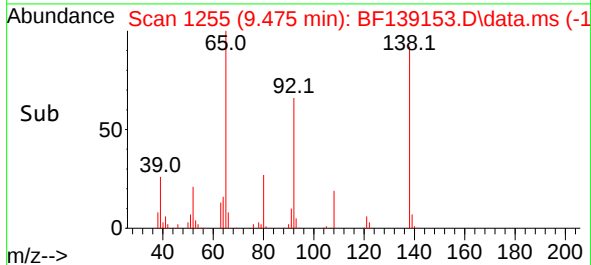
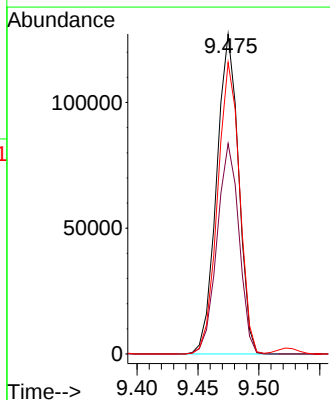
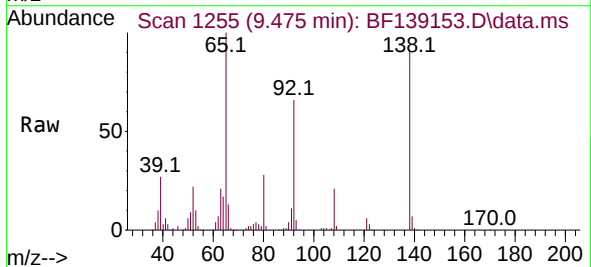
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MSD

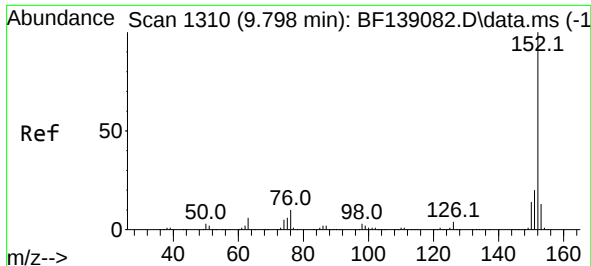
Tgt Ion:162 Resp: 477801
Ion Ratio Lower Upper
162 100
127 42.0 33.8 50.6
164 32.5 26.3 39.5



#48
2-Nitroaniline
Concen: 58.617 ng
RT: 9.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion: 65 Resp: 159711
Ion Ratio Lower Upper
65 100
92 65.8 52.4 78.6
138 91.1 69.4 104.0





#49

Acenaphthylene

Concen: 55.828 ng

RT: 9.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

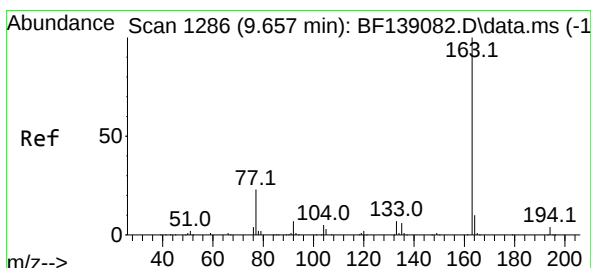
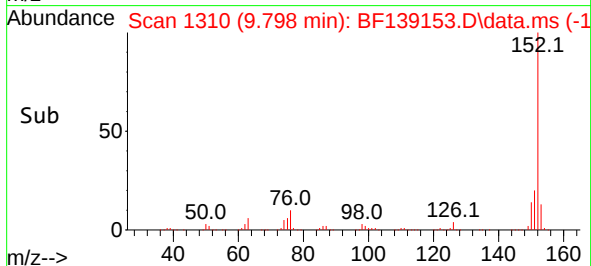
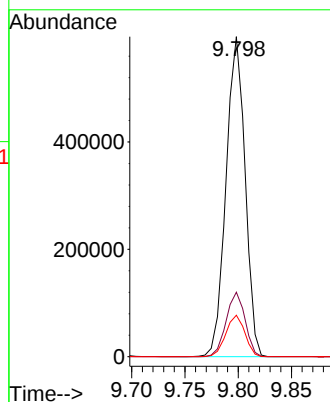
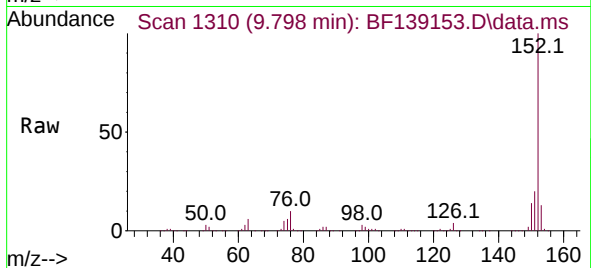
Tgt Ion:152 Resp: 742311

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 54.891 ng

RT: 9.657 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

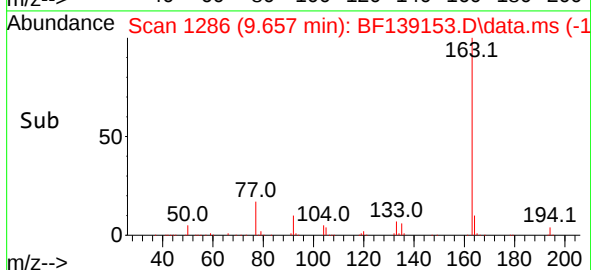
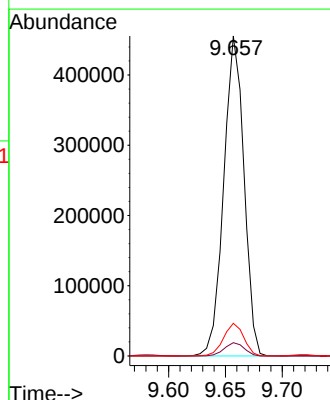
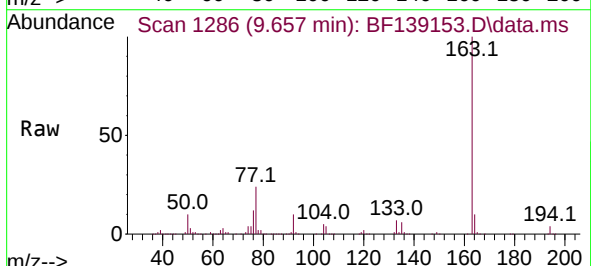
Tgt Ion:163 Resp: 565118

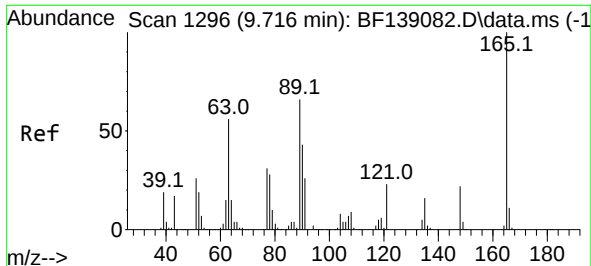
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.2 8.2 12.2

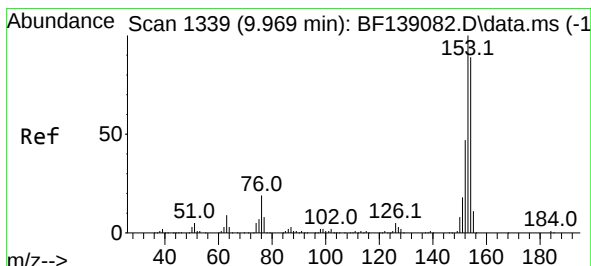
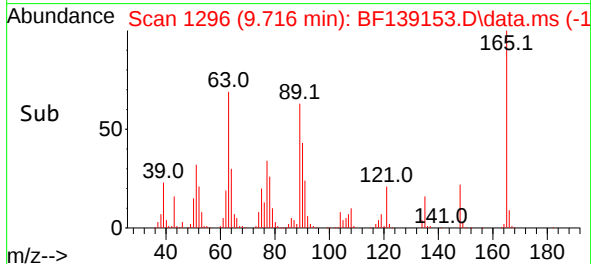
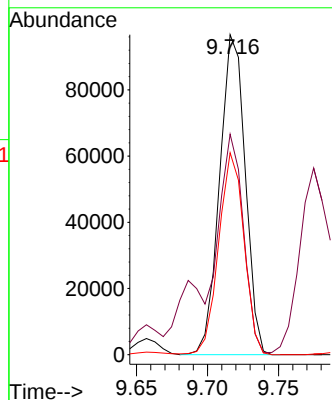
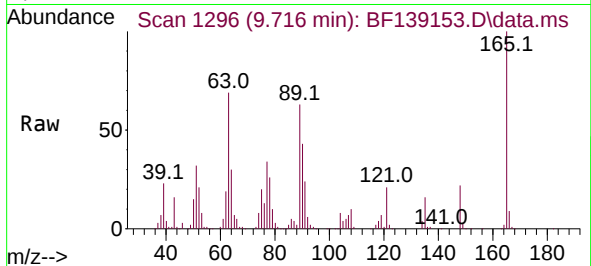




#51
2,6-Dinitrotoluene
Concen: 57.761 ng
RT: 9.716 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

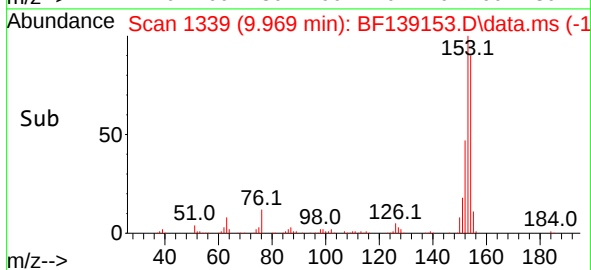
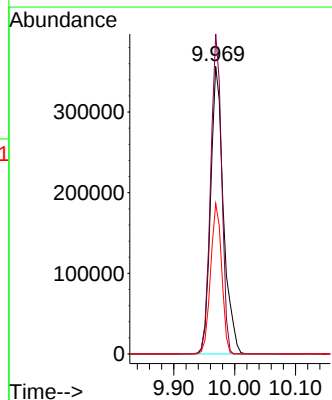
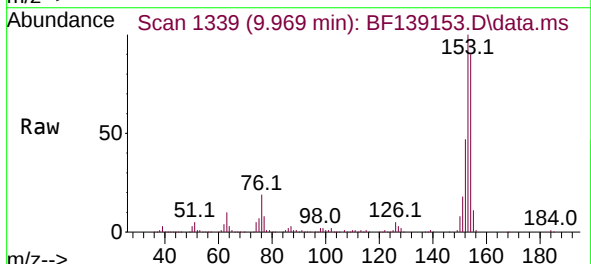
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

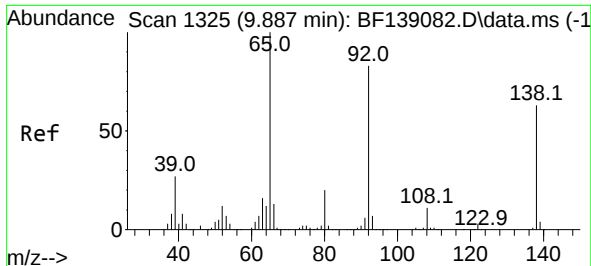
Tgt Ion:165 Resp: 121372
Ion Ratio Lower Upper
165 100
63 68.9 58.0 87.0
89 63.1 53.3 79.9



#52
Acenaphthene
Concen: 59.537 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:154 Resp: 522918
Ion Ratio Lower Upper
154 100
153 111.3 89.7 134.5
152 52.3 42.3 63.5

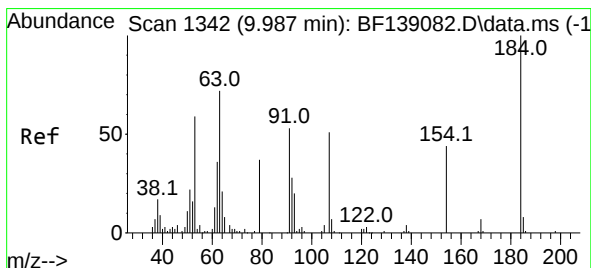
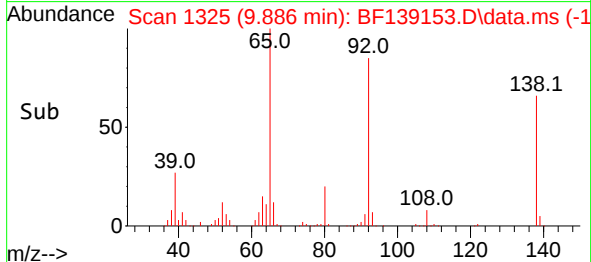
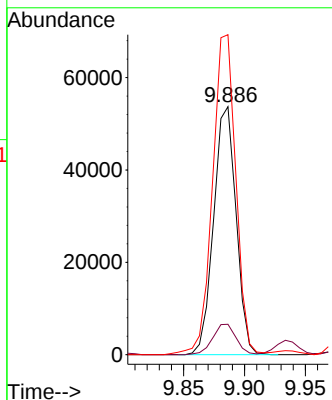
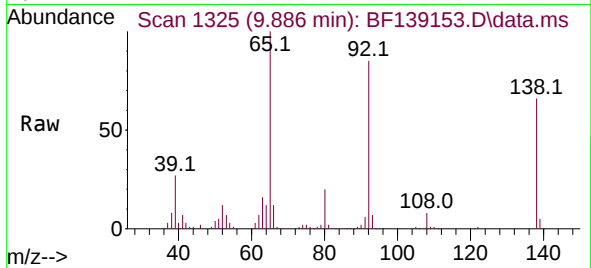




#53
3-Nitroaniline
Concen: 34.339 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

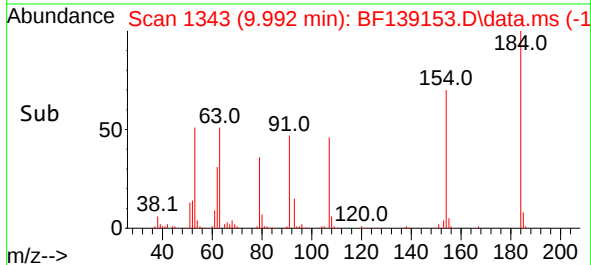
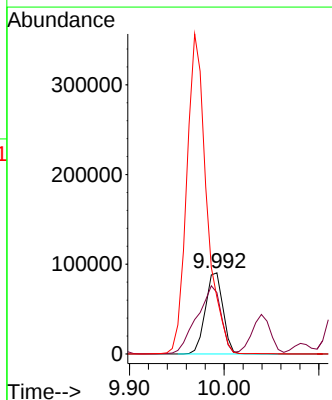
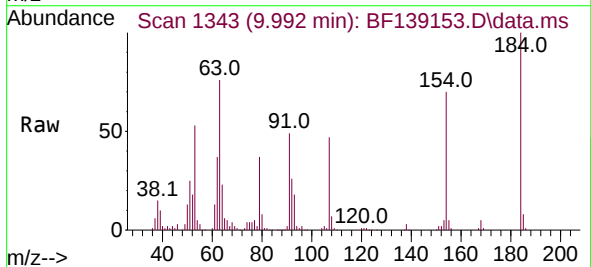
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

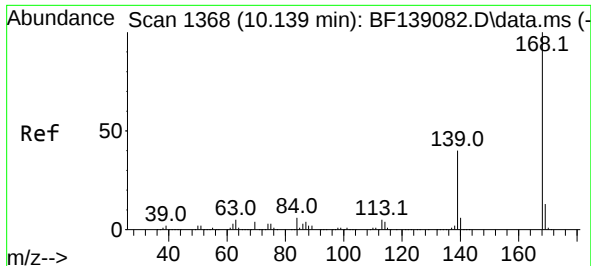
Tgt Ion:138 Resp: 69031
Ion Ratio Lower Upper
138 100
108 12.3 14.6 21.8#
92 129.0 105.9 158.9



#54
2,4-Dinitrophenol
Concen: 107.382 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:184 Resp: 116680
Ion Ratio Lower Upper
184 100
63 75.6 70.5 105.7
154 69.9 135.0 202.6#

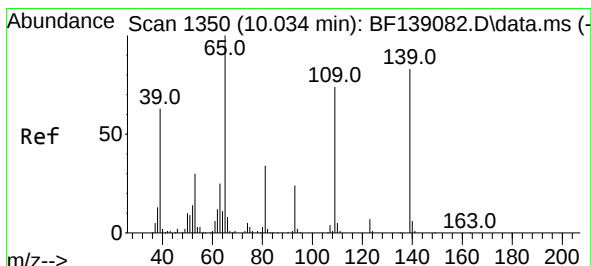
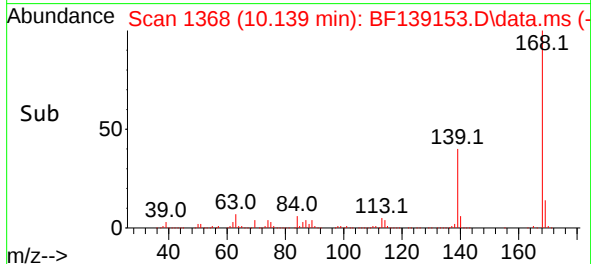
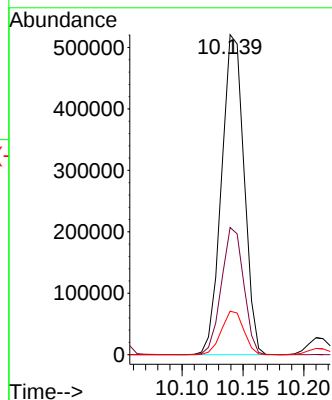
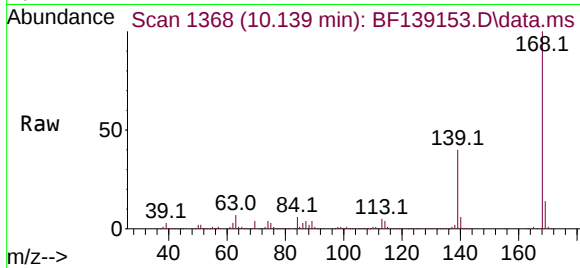




#55
Dibenzofuran
Concen: 52.606 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

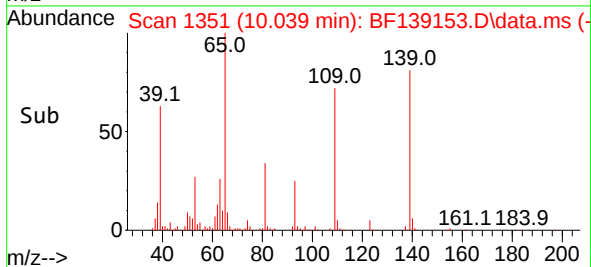
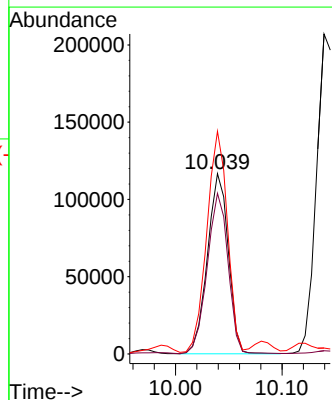
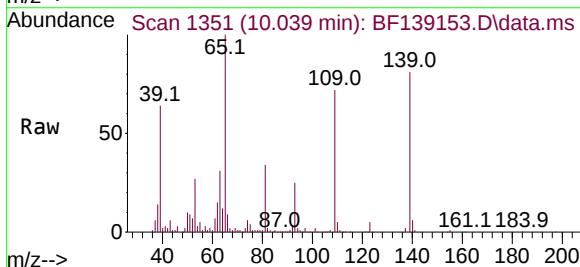
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

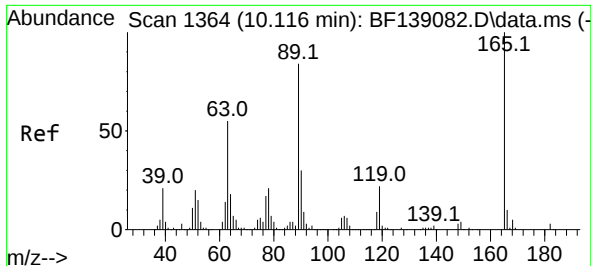
Tgt Ion:168 Resp: 671119
Ion Ratio Lower Upper
168 100
139 39.8 31.6 47.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 102.098 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:139 Resp: 158883
Ion Ratio Lower Upper
139 100
109 89.0 68.8 108.8
65 123.5 101.3 141.3

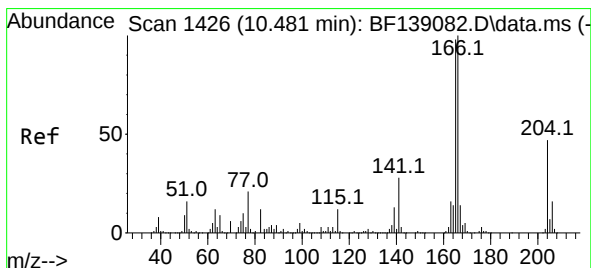
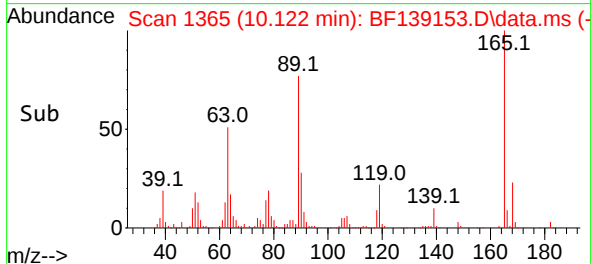
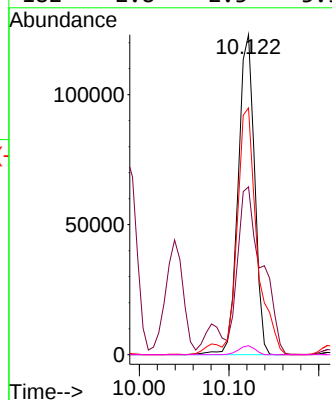
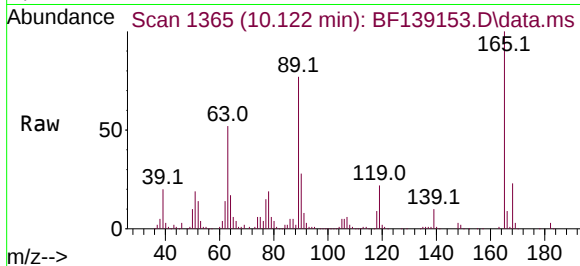




#57
2,4-Dinitrotoluene
Concen: 59.013 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

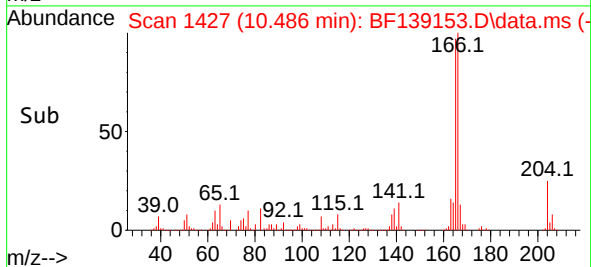
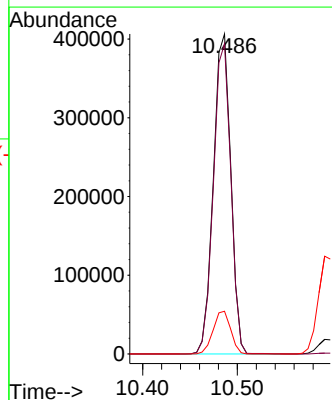
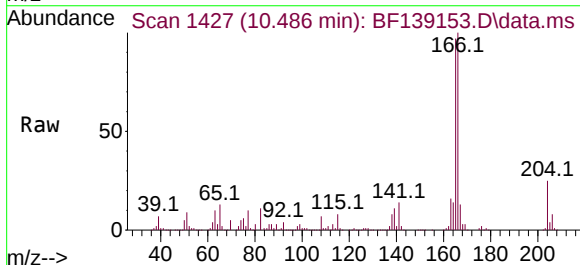
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

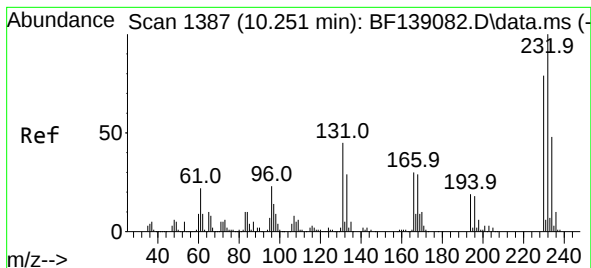
Tgt Ion:165 Resp: 156500
Ion Ratio Lower Upper
165 100
63 52.5 44.2 66.4
89 77.1 67.4 101.2
182 2.8 2.3 3.5



#58
Fluorene
Concen: 50.792 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:166 Resp: 517843
Ion Ratio Lower Upper
166 100
165 97.0 78.0 117.0
167 13.4 11.0 16.4

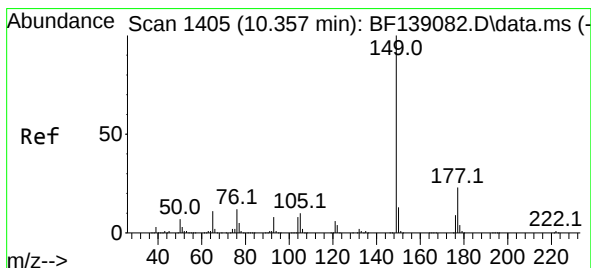
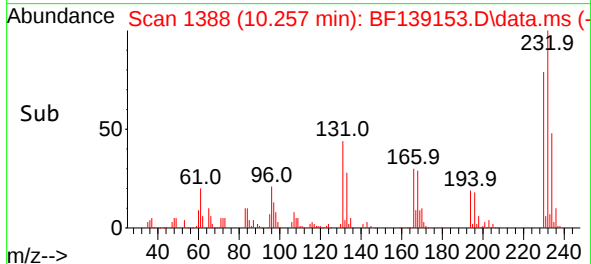
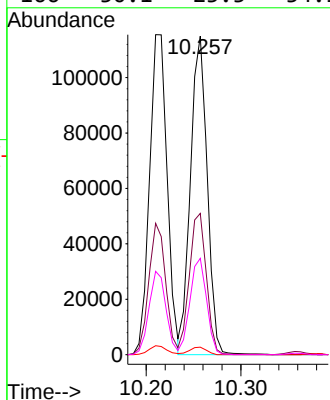
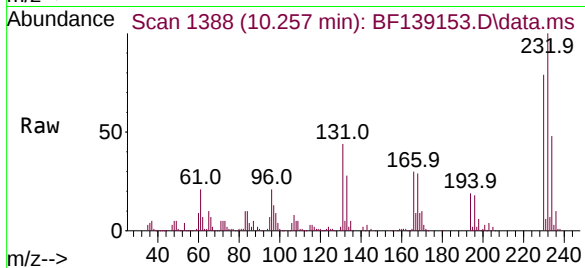




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.815 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

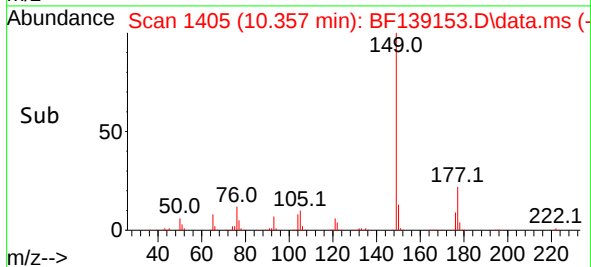
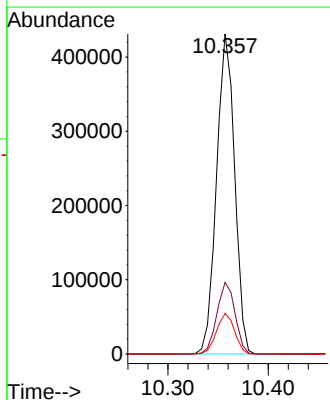
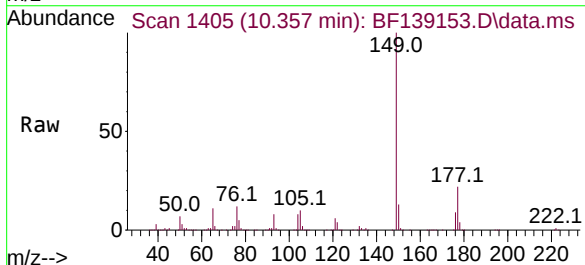
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

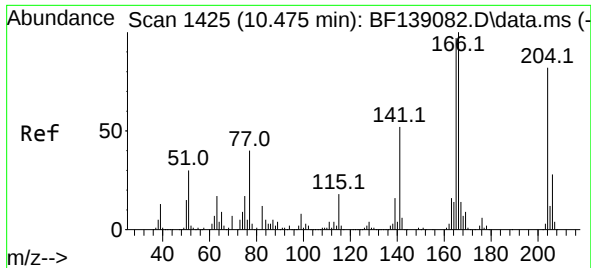
Tgt Ion:232 Resp: 141726
Ion Ratio Lower Upper
232 100
131 45.1 36.0 54.0
130 2.4 2.0 3.0
166 30.1 23.3 34.9



#60
Diethylphthalate
Concen: 52.900 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:149 Resp: 539620
Ion Ratio Lower Upper
149 100
177 22.3 18.4 27.6
150 12.6 10.2 15.2

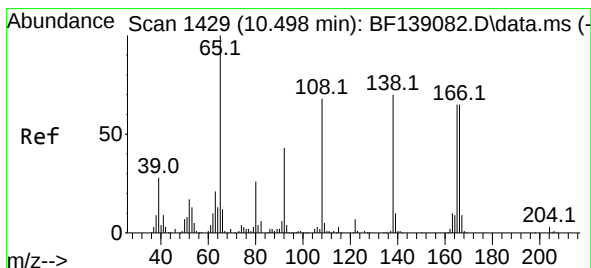
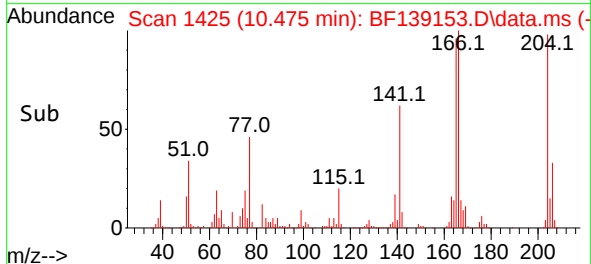
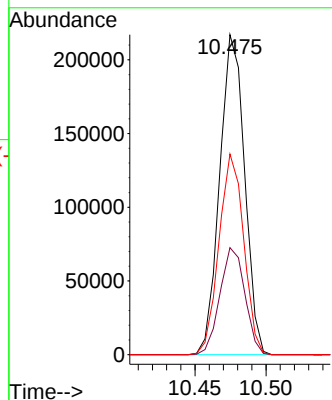
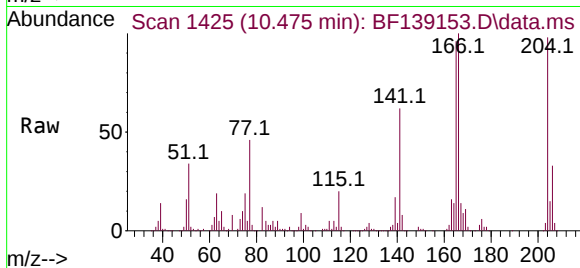




#61
4-Chlorophenyl-phenylether
Concen: 51.938 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

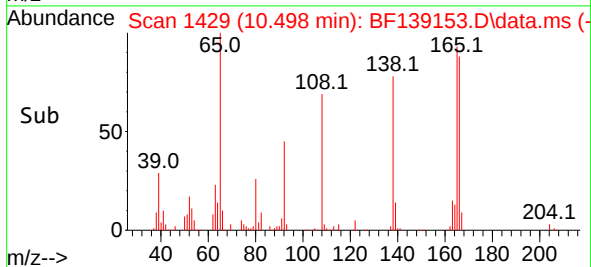
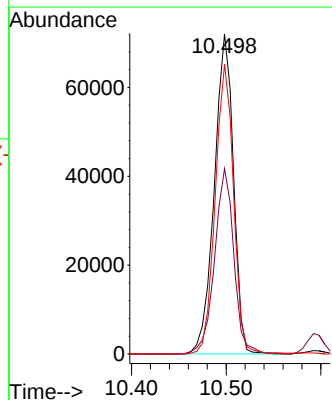
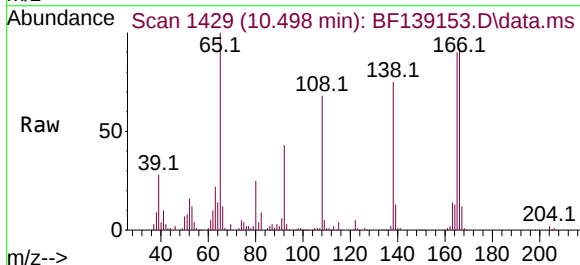
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

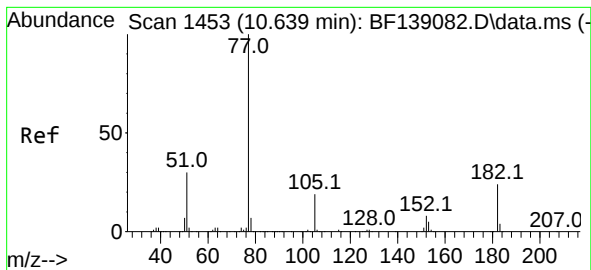
Tgt Ion:204 Resp: 264464
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 62.7 50.9 76.3



#62
4-Nitroaniline
Concen: 47.864 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:138 Resp: 101119
Ion Ratio Lower Upper
138 100
92 57.9 41.4 81.4
108 90.4 76.8 116.8





#63

Azobenzene

Concen: 51.140 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion: 77 Resp: 579721

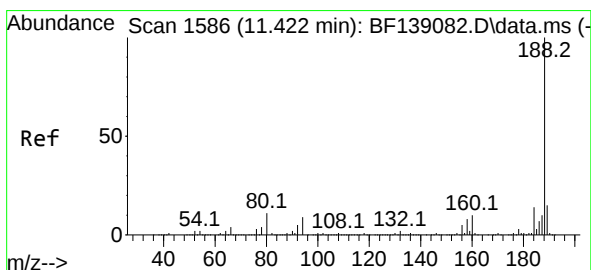
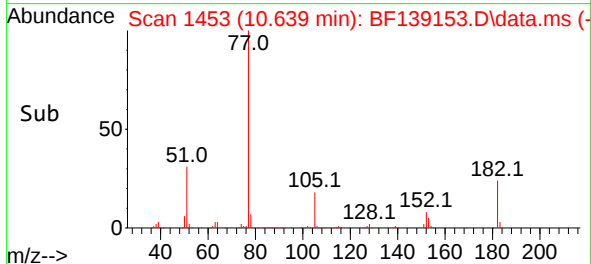
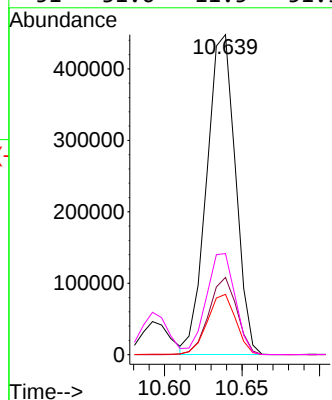
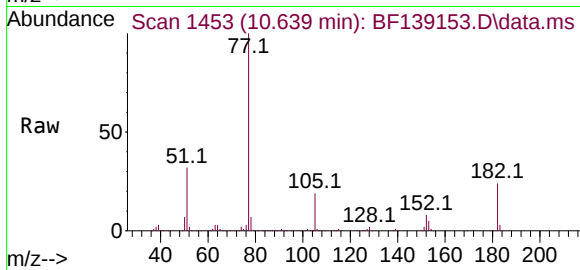
Ion Ratio Lower Upper

77 100

182 24.1 4.0 44.0

105 18.9 0.0 39.1

51 31.6 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

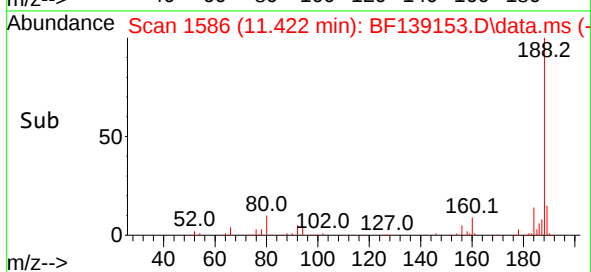
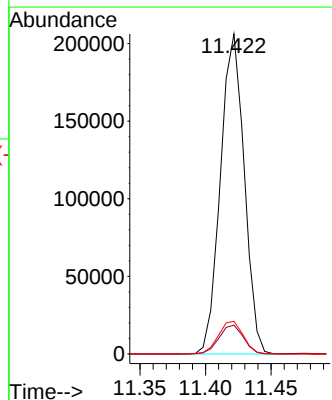
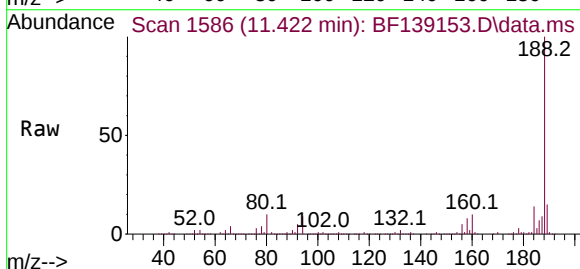
Tgt Ion: 188 Resp: 260194

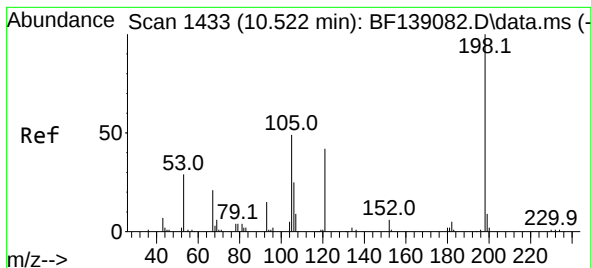
Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 10.2 8.5 12.7

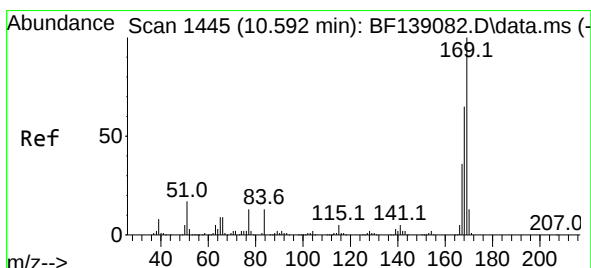
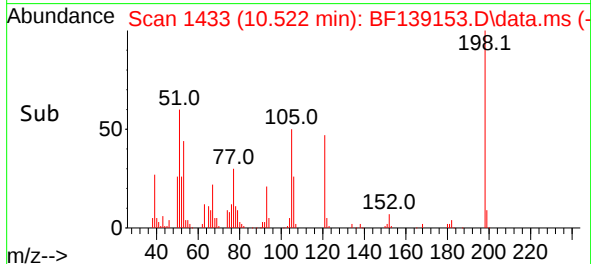
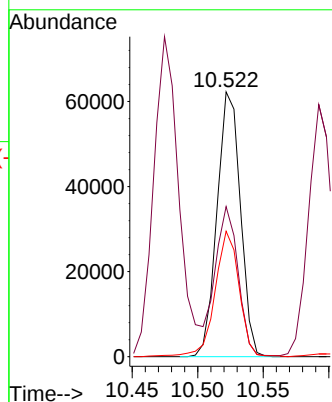
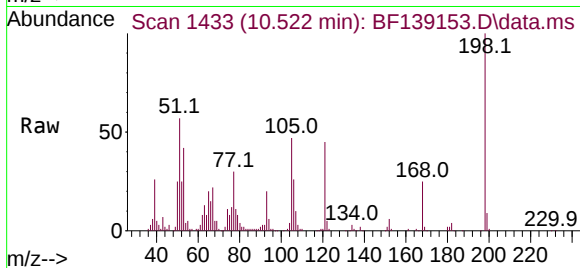




#65
4,6-Dinitro-2-methylphenol
Concen: 70.894 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

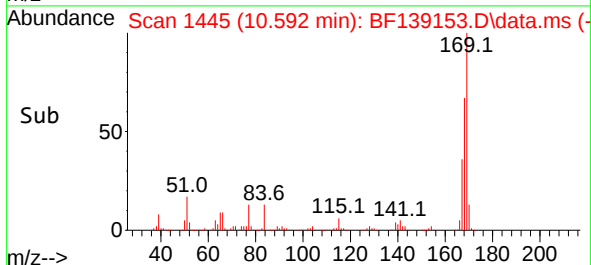
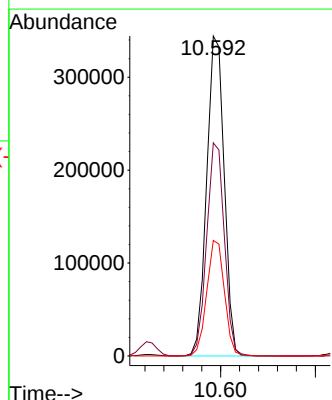
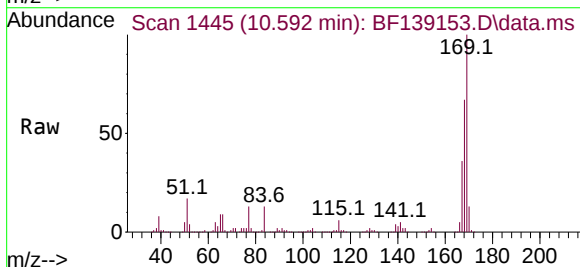
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

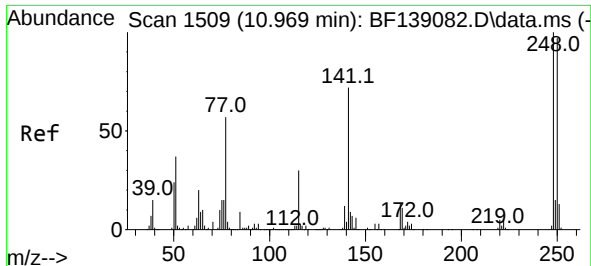
Tgt Ion:198 Resp: 77052
Ion Ratio Lower Upper
198 100
51 56.7 40.8 80.8
105 47.4 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 57.323 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:169 Resp: 441321
Ion Ratio Lower Upper
169 100
168 66.6 52.4 78.6
167 36.1 28.6 43.0

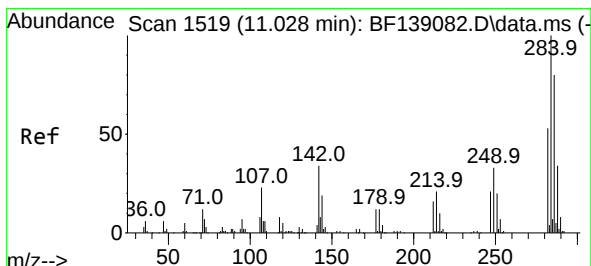
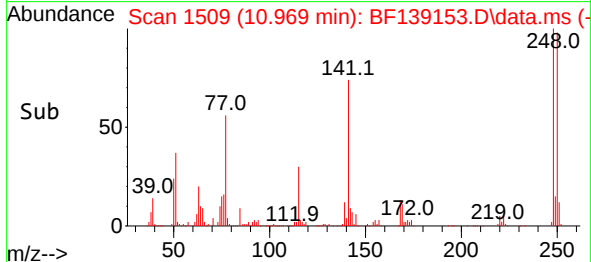
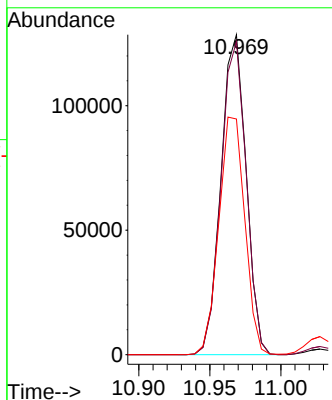
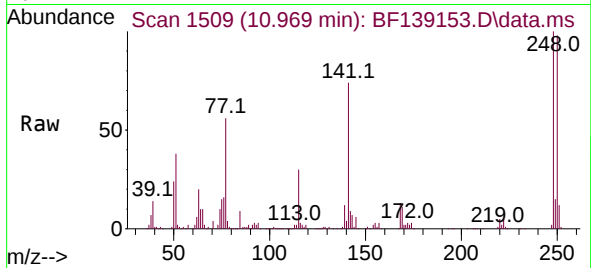




#67
4-Bromophenyl-phenylether
Concen: 57.336 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

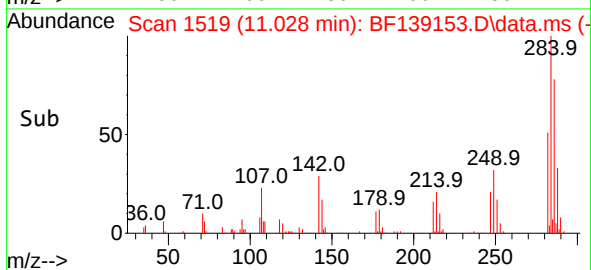
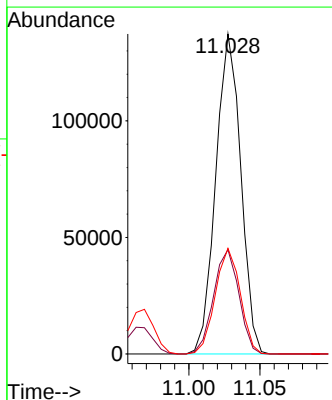
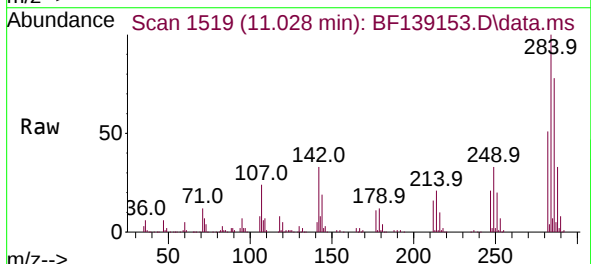
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

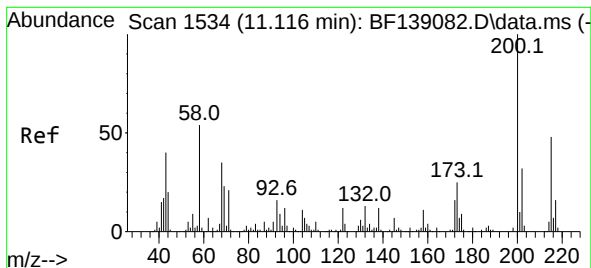
Tgt Ion:248 Resp: 158082
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 73.7 57.9 86.9



#68
Hexachlorobenzene
Concen: 56.802 ng
RT: 11.028 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:284 Resp: 168016
Ion Ratio Lower Upper
284 100
142 32.6 27.1 40.7
249 33.0 26.8 40.2





#69

Atrazine

Concen: 57.001 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

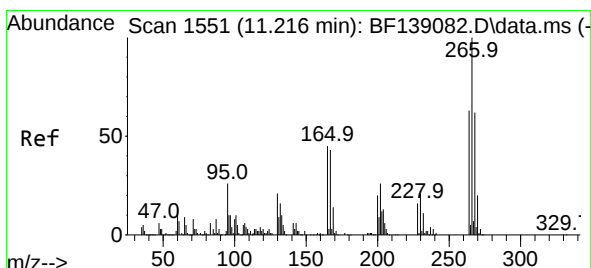
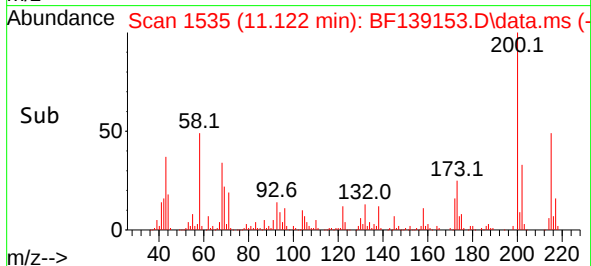
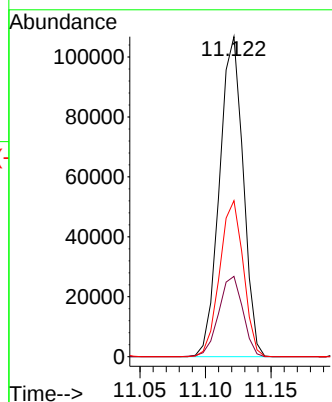
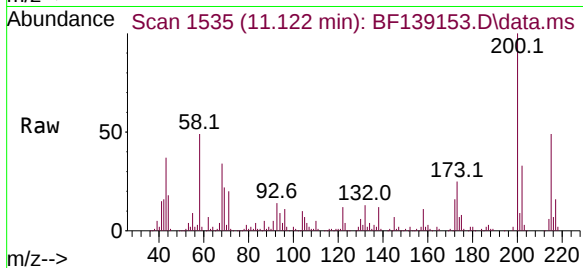
Tgt Ion:200 Resp: 134028

Ion Ratio Lower Upper

200 100

173 25.1 5.2 45.2

215 48.8 27.9 67.9



#70

Pentachlorophenol

Concen: 98.665 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

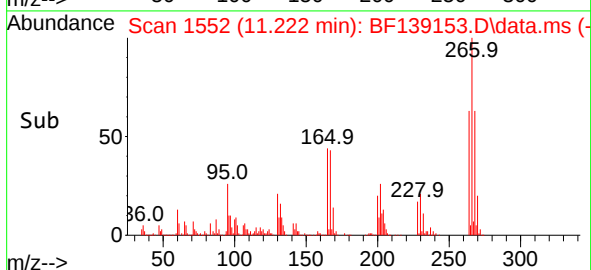
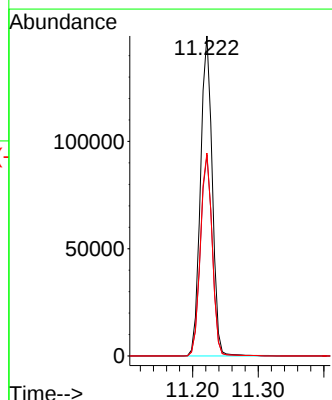
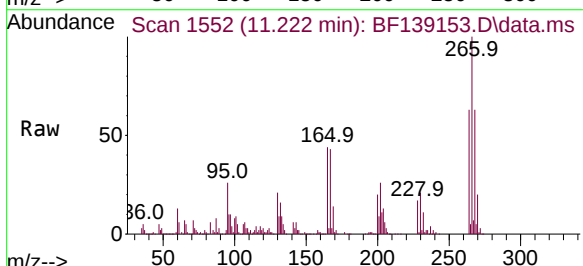
Tgt Ion:266 Resp: 186423

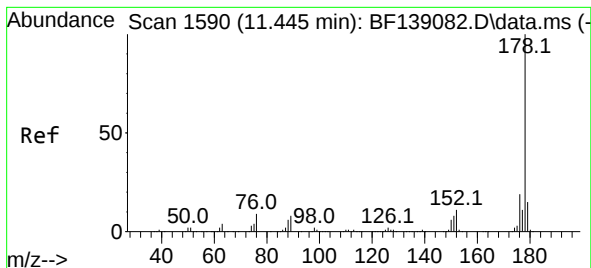
Ion Ratio Lower Upper

266 100

268 62.8 49.5 74.3

264 63.4 50.0 75.0





#71

Phenanthrene

Concen: 52.640 ng

RT: 11.445 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

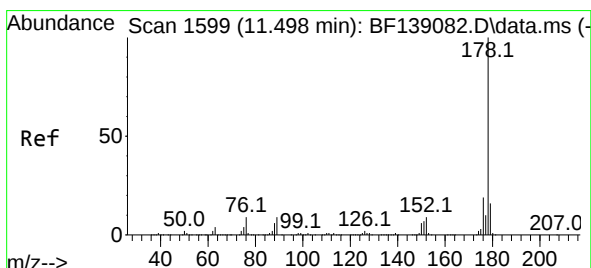
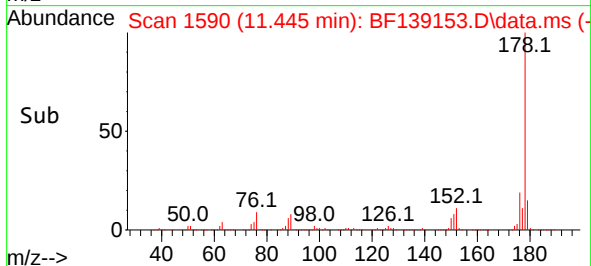
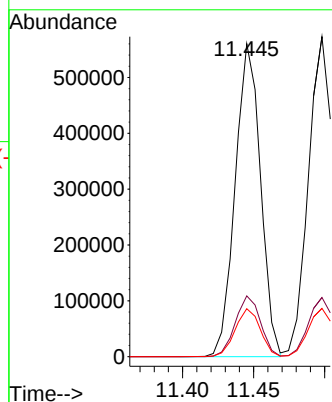
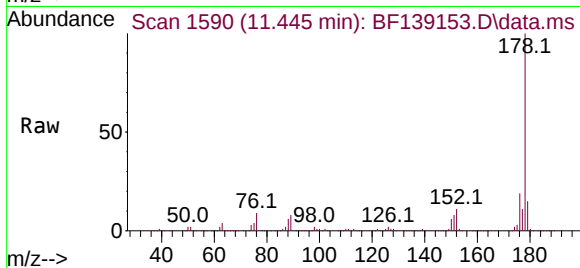
Tgt Ion:178 Resp: 696173

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.4 12.3 18.5



#72

Anthracene

Concen: 54.590 ng

RT: 11.498 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

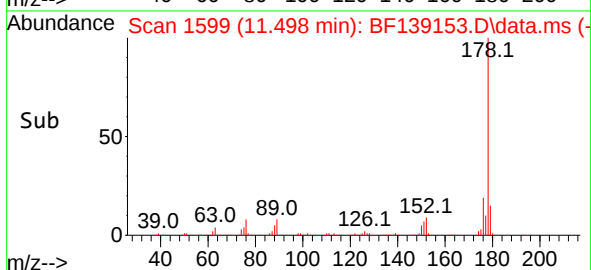
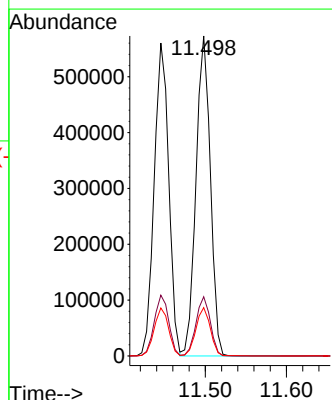
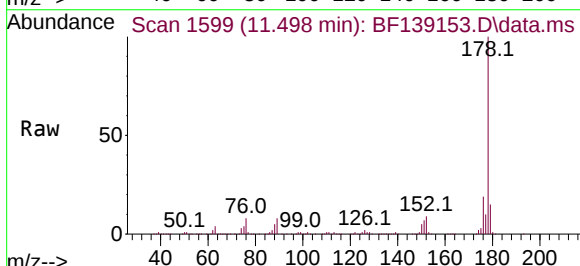
Tgt Ion:178 Resp: 706062

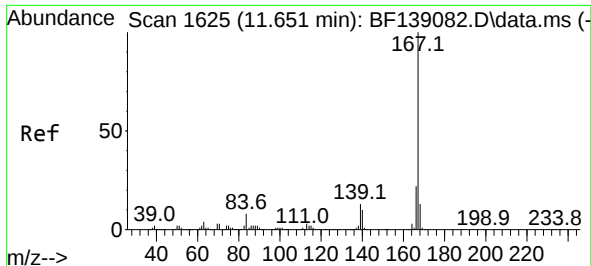
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.1 12.4 18.6

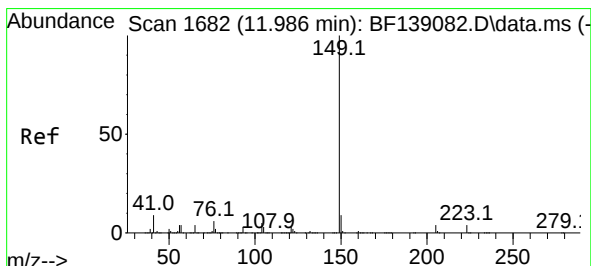
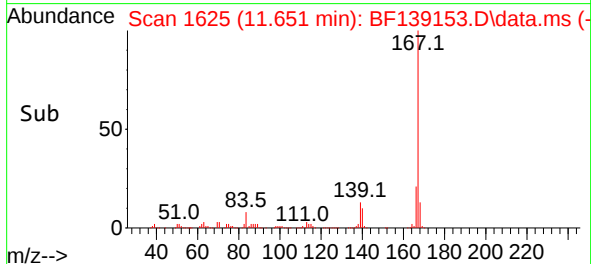
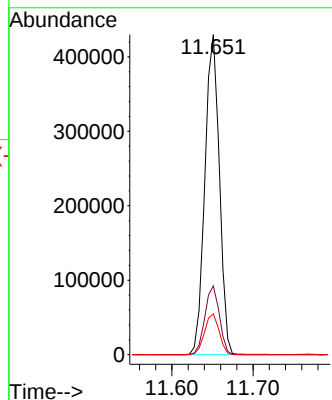
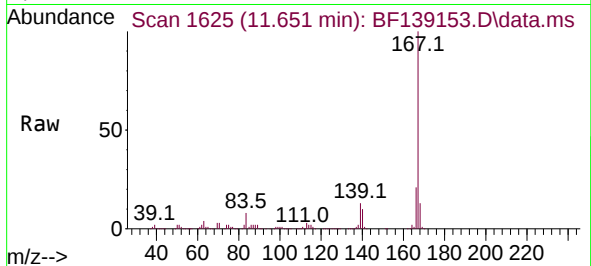




#73
 Carbazole
 Concen: 44.073 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF139153.D
 Acq: 23 Aug 2024 18:14

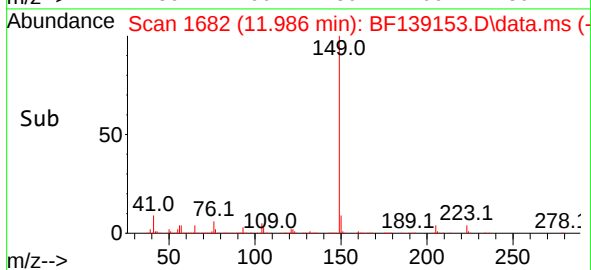
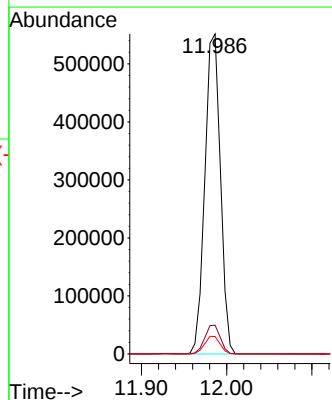
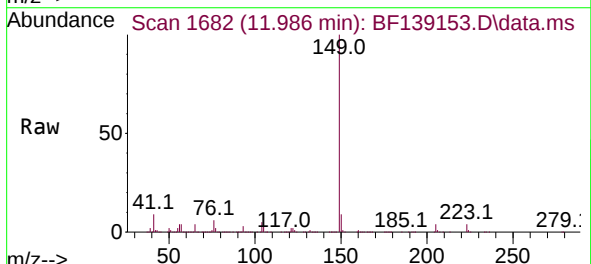
Instrument : BNA_F
 ClientSampleId : S-929-K1-SO-0-0.5-082024MSD

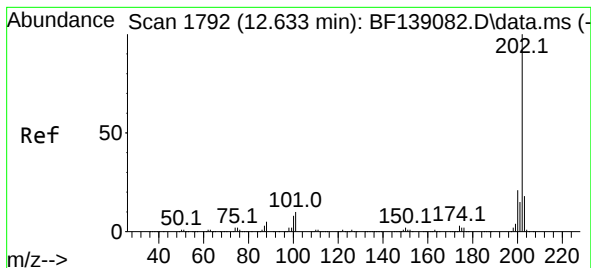
Tgt Ion:167 Resp: 532284
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.8 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 49.923 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139153.D
 Acq: 23 Aug 2024 18:14

Tgt Ion:149 Resp: 699119
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 42.472 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

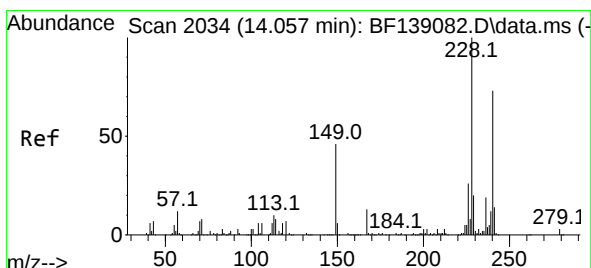
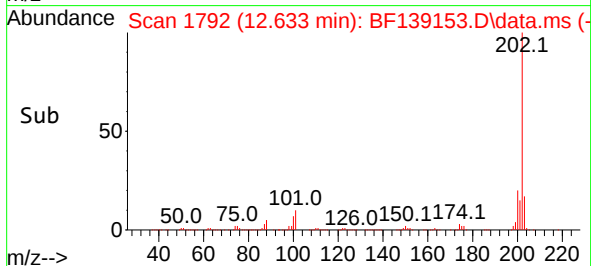
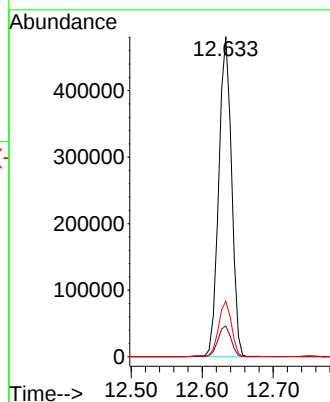
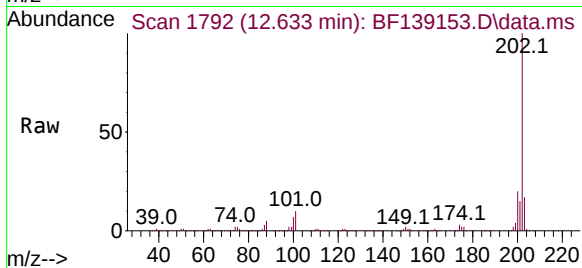
Tgt Ion:202 Resp: 599523

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.2

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

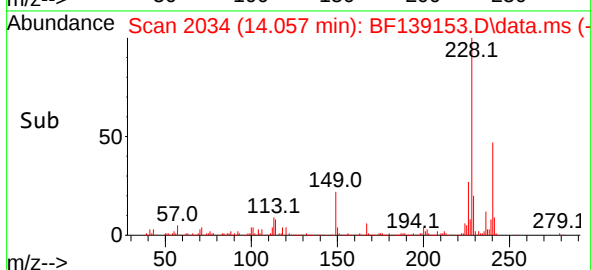
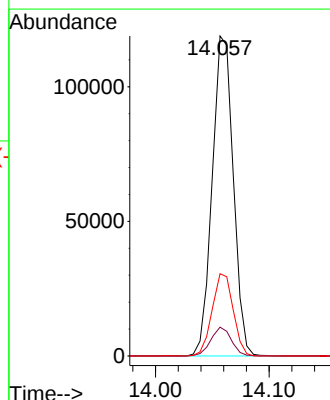
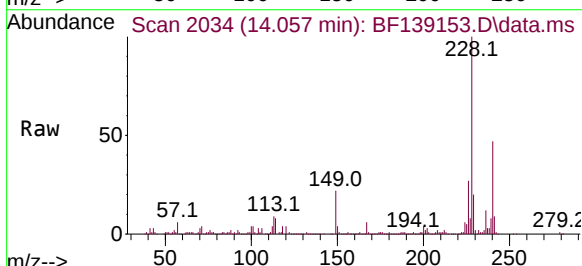
Tgt Ion:240 Resp: 153223

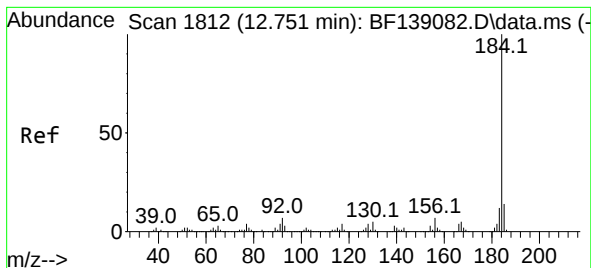
Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.7 20.9 31.3





#77

Benzidine

Concen: 66.250 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

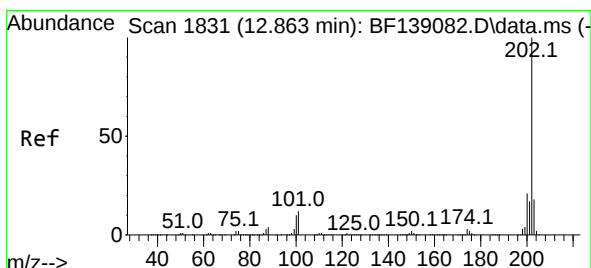
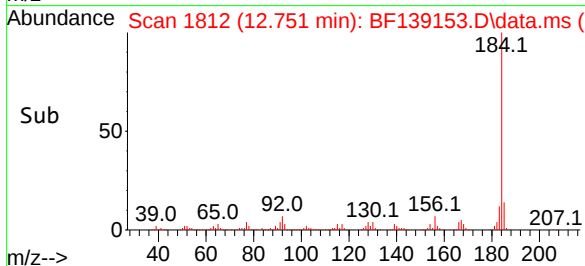
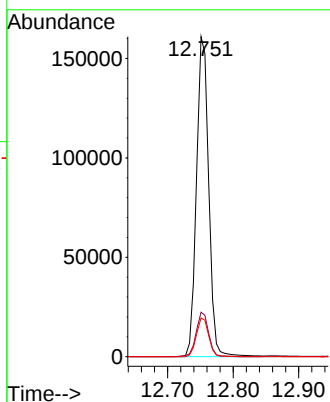
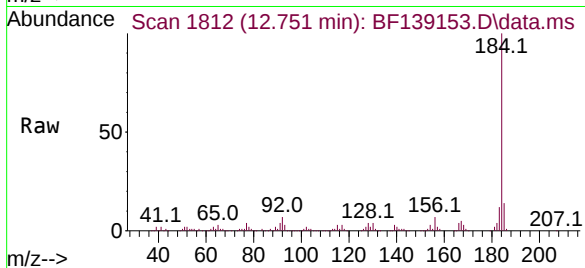
Tgt Ion:184 Resp: 209682

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 12.1 9.8 14.6



#78

Pyrene

Concen: 46.156 ng

RT: 12.863 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

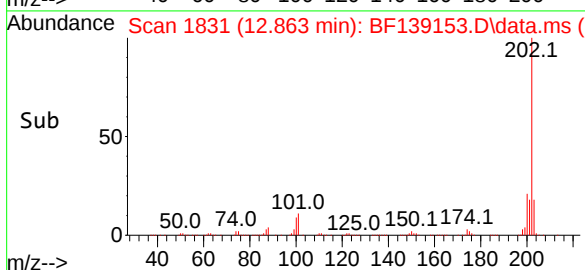
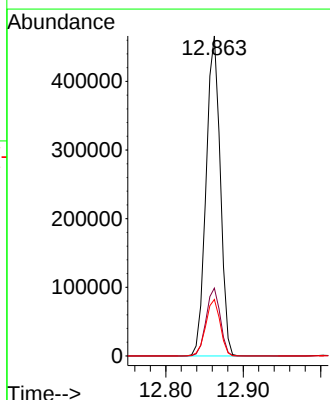
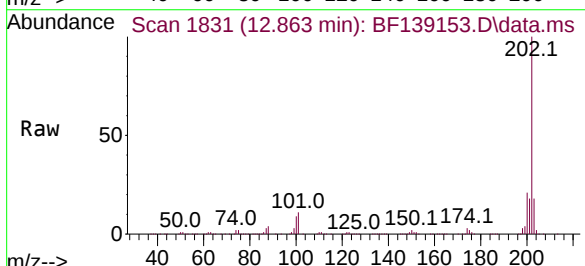
Tgt Ion:202 Resp: 590183

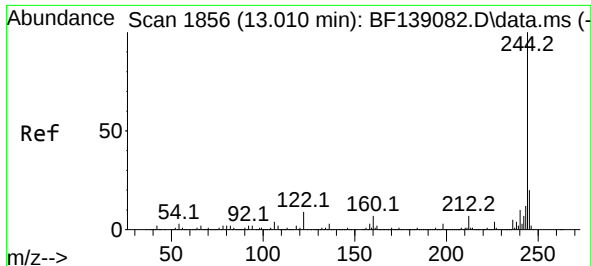
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.6 14.1 21.1

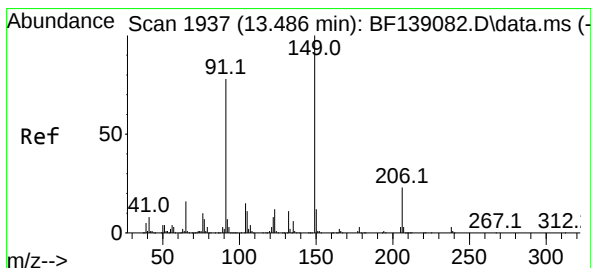
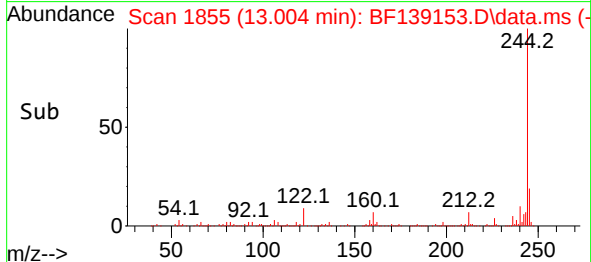
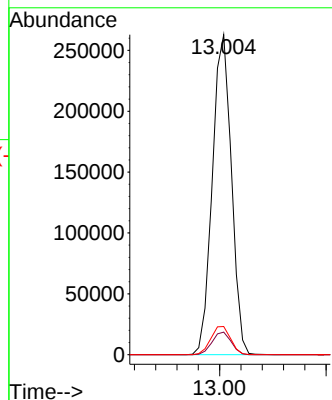
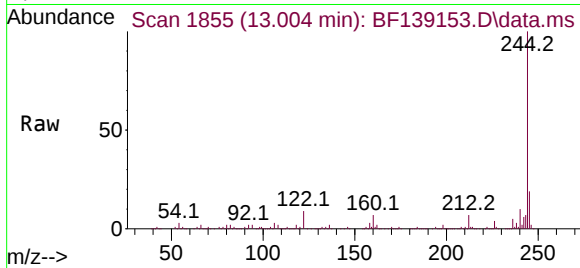




#79
 Terphenyl-d14
 Concen: 35.331 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. -0.006 min
 Lab File: BF139153.D
 Acq: 23 Aug 2024 18:14

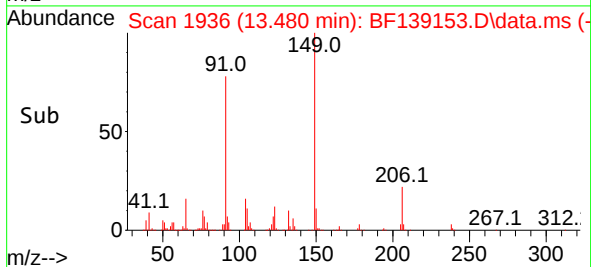
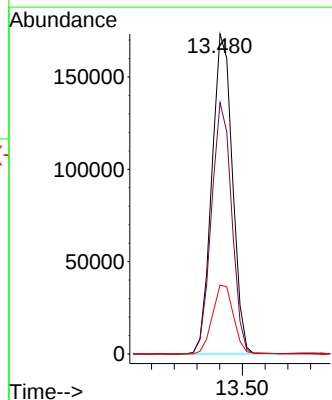
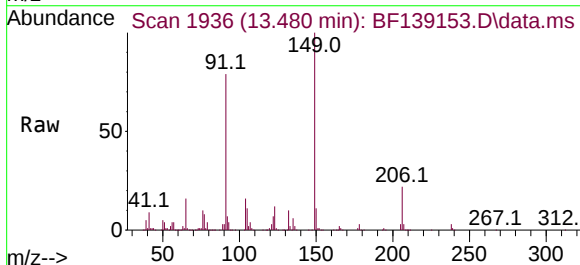
Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MSD

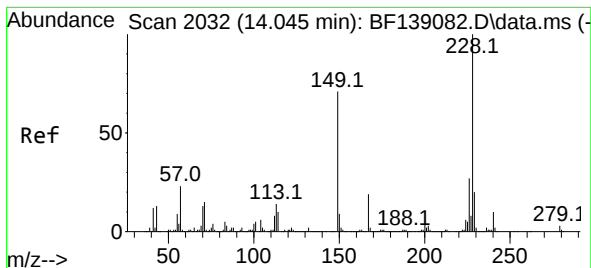
Tgt Ion:244	Resp:	326251	
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	8.8	7.6	11.4



#80
 Butylbenzylphthalate
 Concen: 49.256 ng
 RT: 13.480 min Scan# 1936
 Delta R.T. -0.006 min
 Lab File: BF139153.D
 Acq: 23 Aug 2024 18:14

Tgt Ion:149	Resp:	217894	
Ion	Ratio	Lower	Upper
149	100		
91	78.5	62.1	93.1
206	21.5	18.0	27.0





#81

Benzo(a)anthracene

Concen: 52.999 ng

RT: 14.051 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

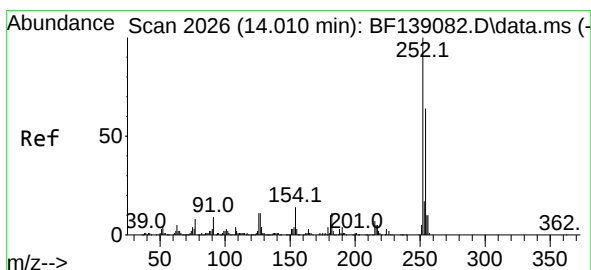
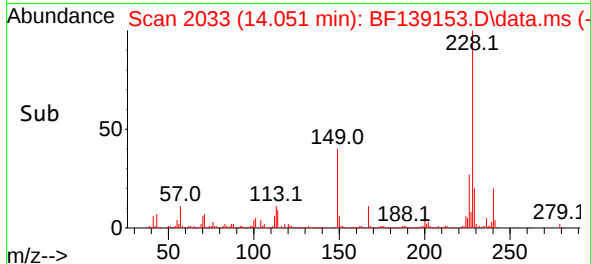
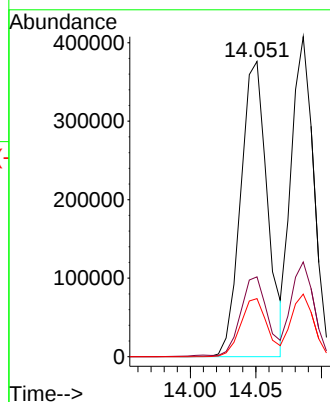
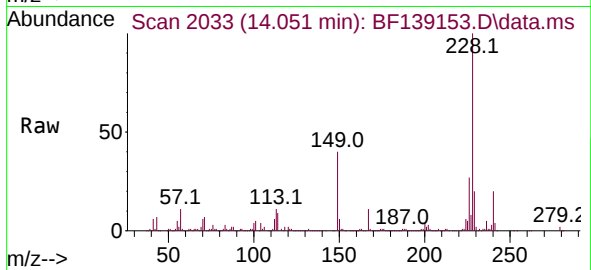
Tgt Ion:228 Resp: 533813

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 41.435 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

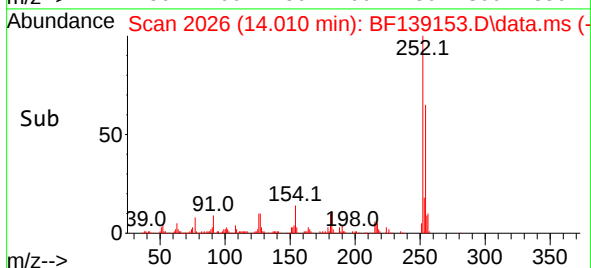
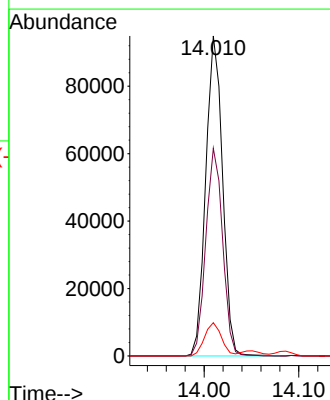
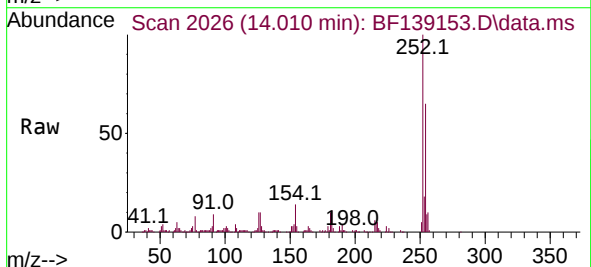
Tgt Ion:252 Resp: 116656

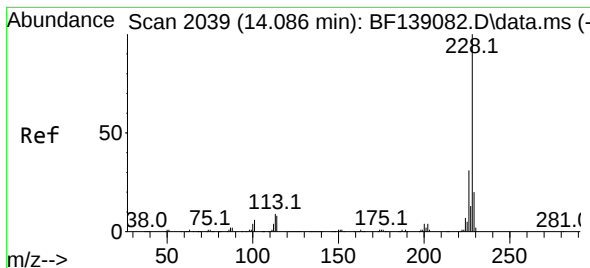
Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.0

126 10.4 8.6 12.8





#83

Chrysene

Concen: 52.667 ng

RT: 14.086 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

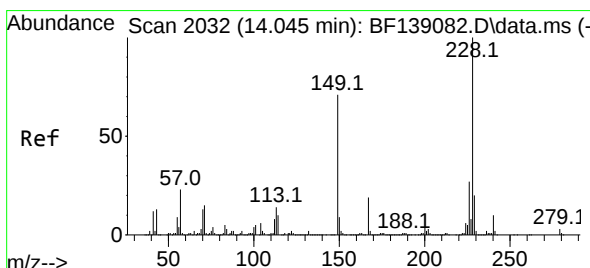
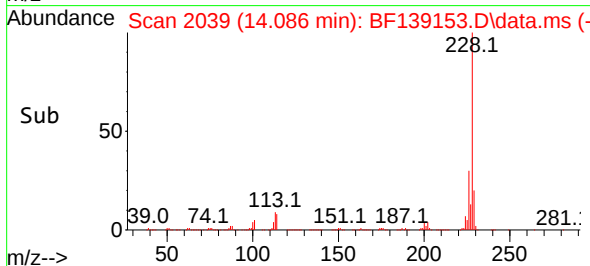
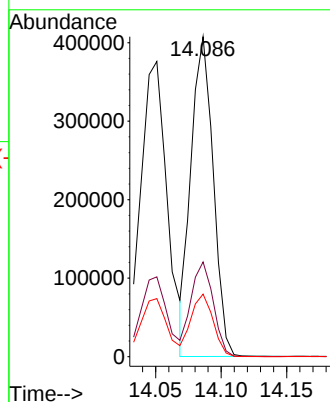
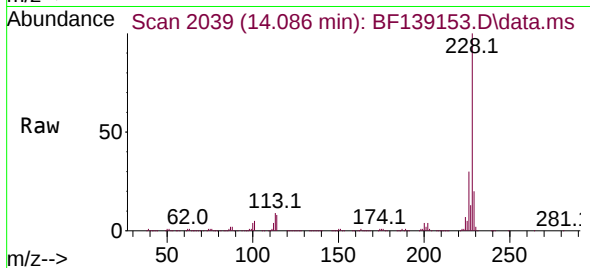
Tgt Ion:228 Resp: 480828

Ion Ratio Lower Upper

228 100

226 29.6 24.3 36.5

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.307 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

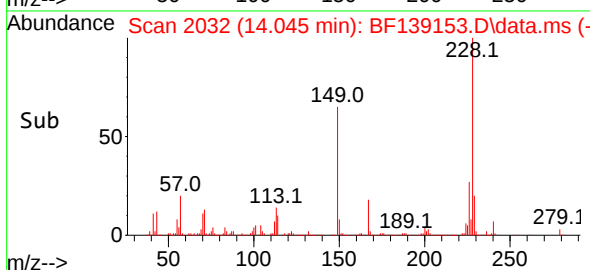
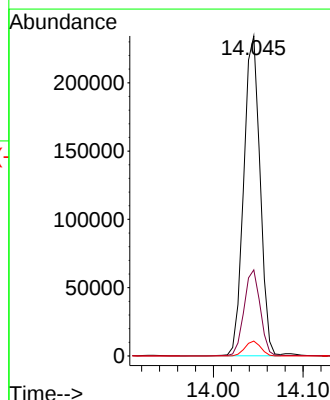
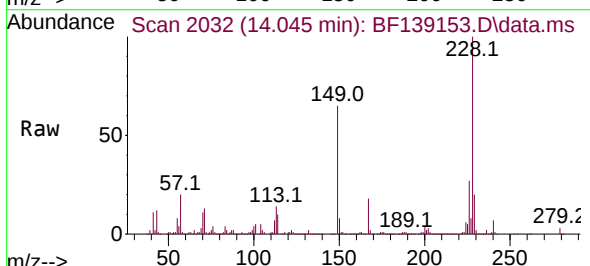
Tgt Ion:149 Resp: 295030

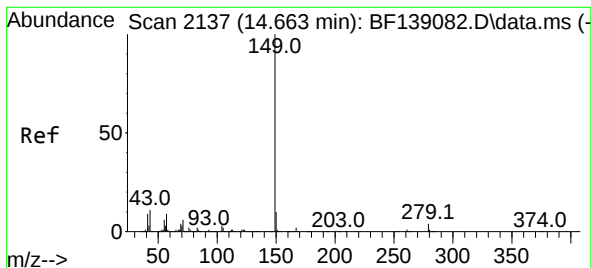
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 4.7 3.5 5.3

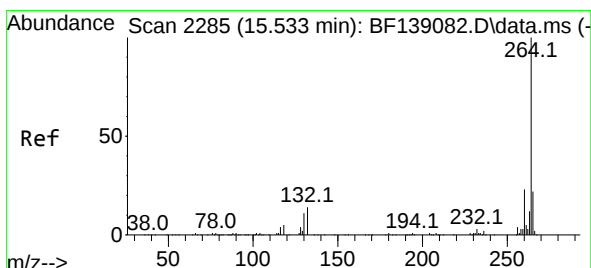
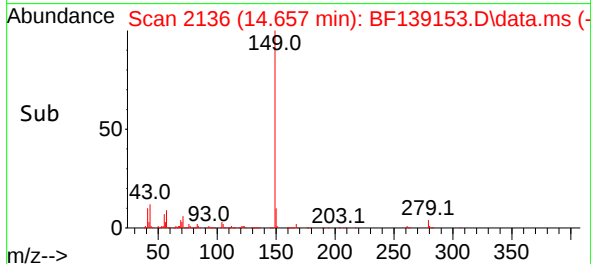
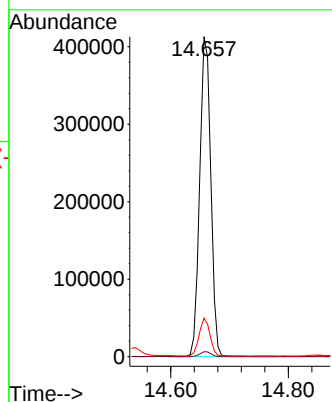
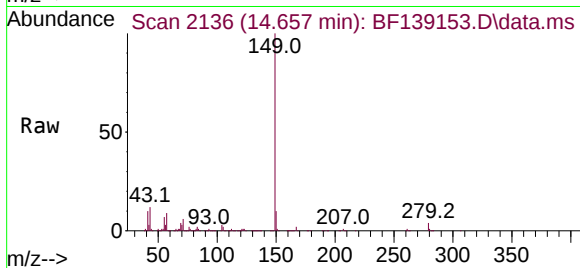




#85
Di-n-octyl phthalate
Concen: 65.590 ng
RT: 14.657 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

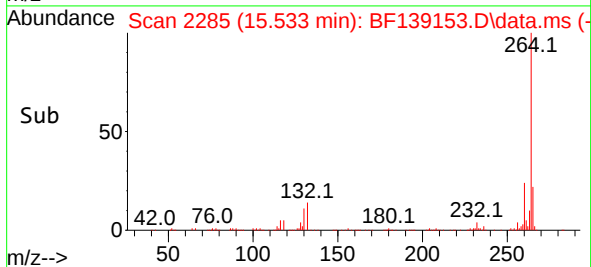
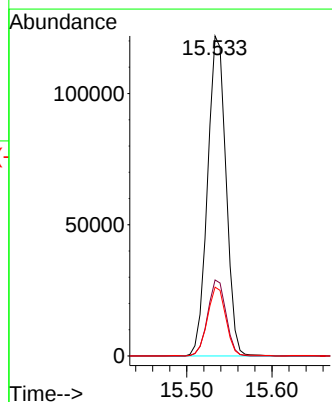
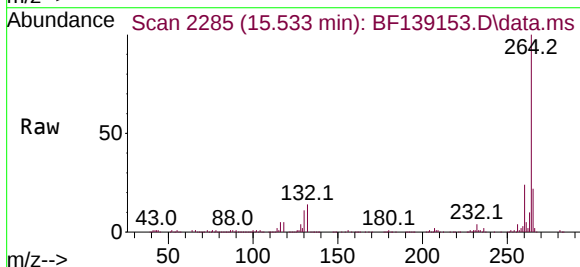
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

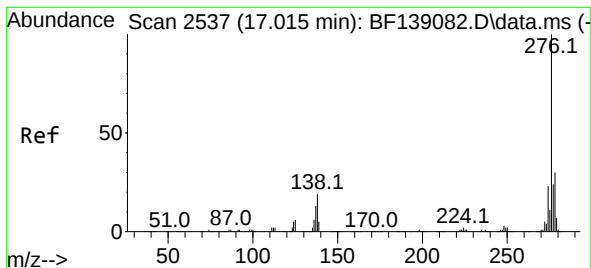
Tgt Ion:149 Resp: 539876
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:264 Resp: 183067
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.258 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139153.D

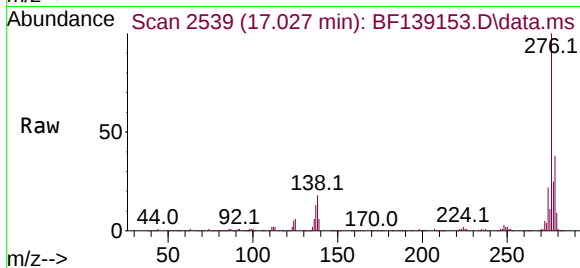
Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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



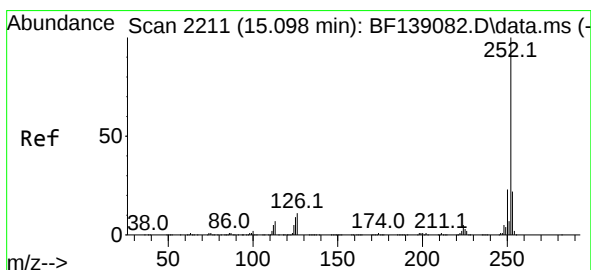
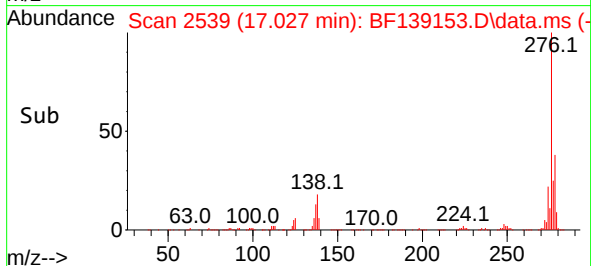
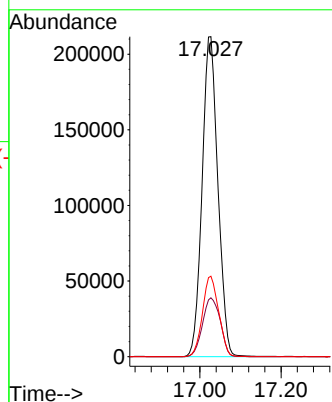
Tgt Ion:276 Resp: 570611

Ion Ratio Lower Upper

276 100

138 20.6 17.3 25.9

277 25.9 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.779 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

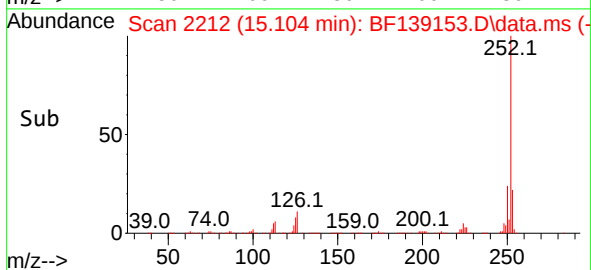
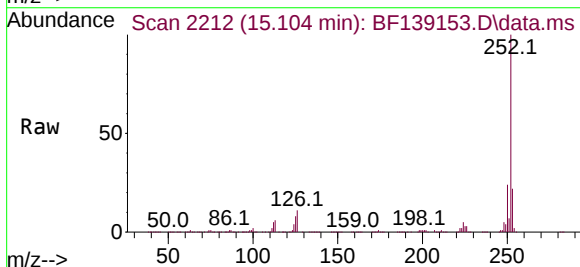
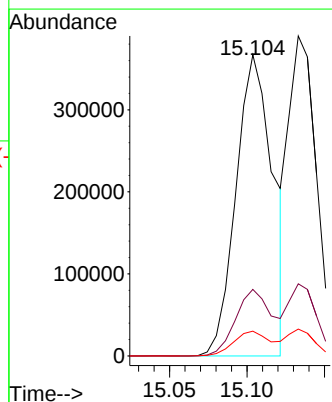
Tgt Ion:252 Resp: 606034

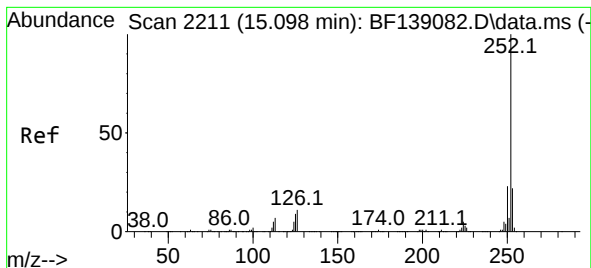
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 8.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.724 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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

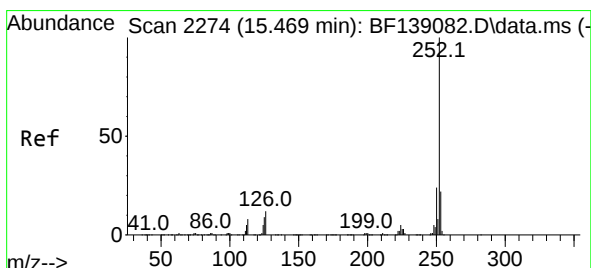
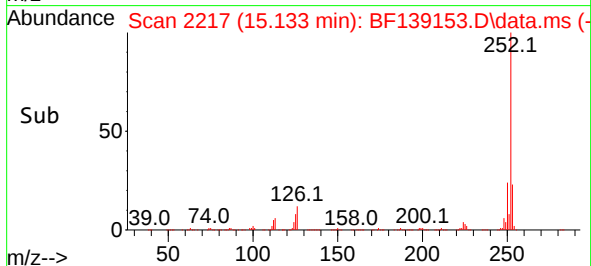
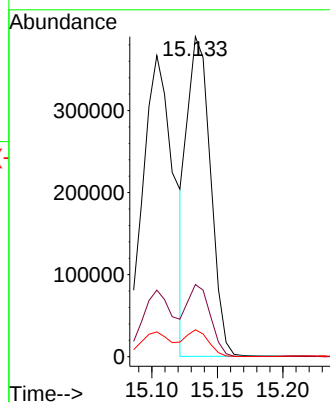
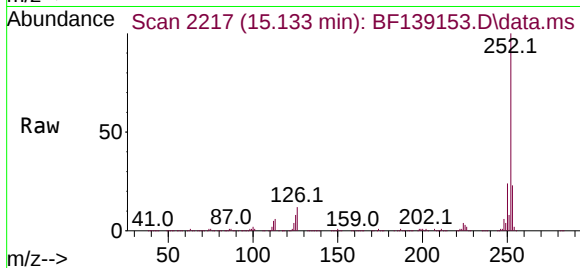
Tgt Ion:252 Resp: 484325

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 8.4 7.0 10.6



#90

Benzo(a)pyrene

Concen: 55.533 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

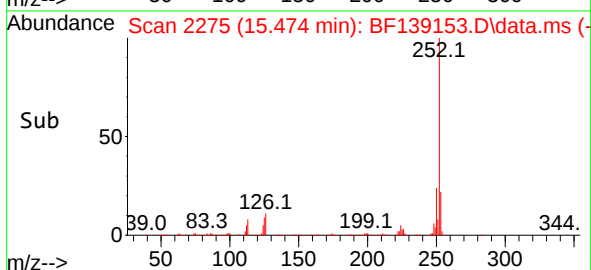
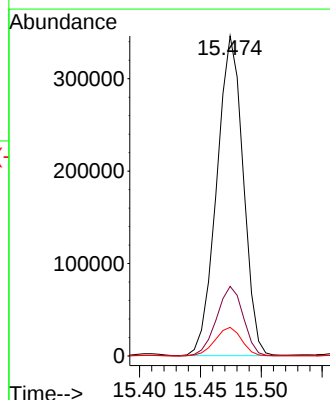
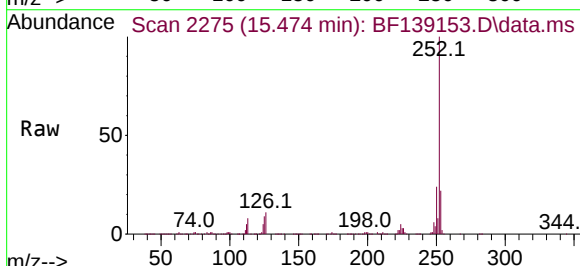
Tgt Ion:252 Resp: 523702

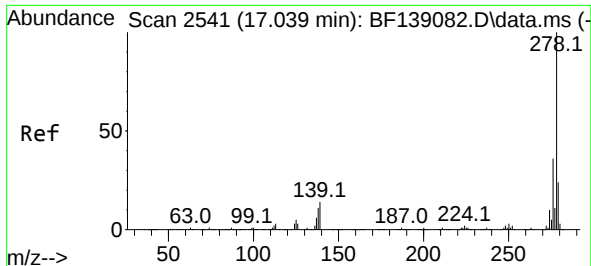
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 8.9 7.4 11.2

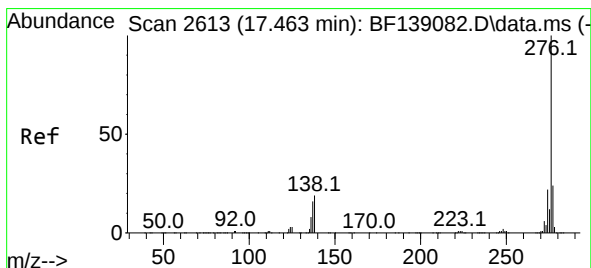
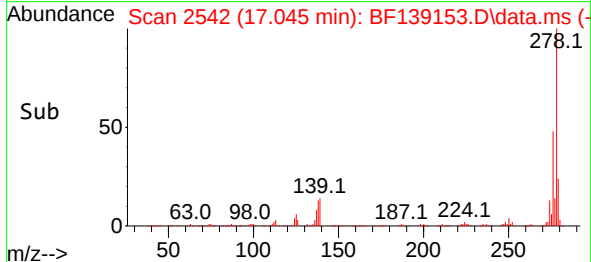
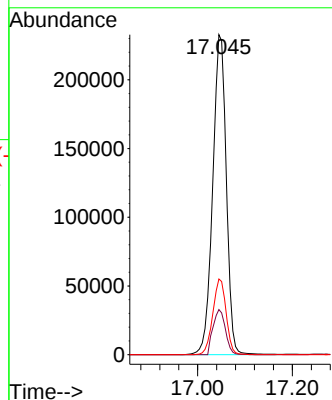
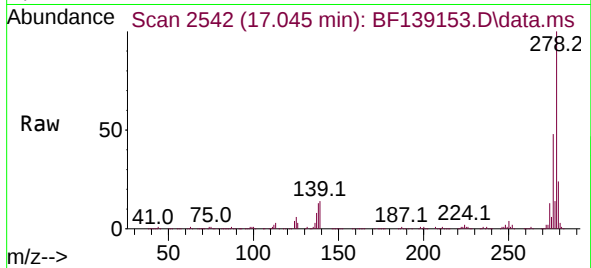




#91
Dibenzo(a,h)anthracene
Concen: 52.786 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

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

Tgt Ion:278 Resp: 464253
Ion Ratio Lower Upper
278 100
139 14.1 10.8 16.2
279 23.6 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 40.507 ng
RT: 17.474 min Scan# 2615
Delta R.T. 0.011 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:276 Resp: 402374
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 17.8 15.0 22.4

