

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
 Data File : BF139115.D
 Acq On : 22 Aug 2024 11:23
 Operator : RC/JU
 Sample : PB162687BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162687BS

Quant Time: Aug 22 11:56:08 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	97452	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	363464	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	218661	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	399434	20.000	ng	0.00
76) Chrysene-d12	14.062	240	238276	20.000	ng	0.00
86) Perylene-d12	15.539	264	208759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	835355	131.881	ng	0.02
7) Phenol-d6	6.528	99	1084147	132.463	ng	0.00
23) Nitrobenzene-d5	7.463	82	717419	115.015	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	327576	165.484	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1253676	90.967	ng	0.00
79) Terphenyl-d14	13.010	244	1574760	109.662	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	103826	38.216	ng	100
3) Pyridine	3.534	79	289166	41.885	ng	99
4) n-Nitrosodimethylamine	3.493	42	184776	44.305	ng	99
6) Aniline	6.563	93	356471	48.246	ng	99
8) 2-Chlorophenol	6.681	128	298414	48.981	ng	98
9) Benzaldehyde	6.451	77	216589	45.121	ng	98
10) Phenol	6.539	94	412363	48.422	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	298935	43.650	ng	99
12) 1,3-Dichlorobenzene	6.839	146	323516	44.166	ng	100
13) 1,4-Dichlorobenzene	6.916	146	332168	45.354	ng	99
14) 1,2-Dichlorobenzene	7.069	146	317904	47.494	ng	99
15) Benzyl Alcohol	7.039	79	321752	49.740	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	451888	46.842	ng	99
17) 2-Methylphenol	7.145	107	252378	48.422	ng	99
18) Hexachloroethane	7.410	117	117814	45.874	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	247354	46.021	ng	100
20) 3+4-Methylphenols	7.304	107	326789	48.392	ng	# 84
22) Acetophenone	7.310	105	438849	47.288	ng	97
24) Nitrobenzene	7.481	77	366386	52.845	ng	100
25) Isophorone	7.722	82	652949	49.250	ng	99
26) 2-Nitrophenol	7.798	139	141212	57.194	ng	98
27) 2,4-Dimethylphenol	7.833	122	243693	57.965	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	358964	46.338	ng	99
29) 2,4-Dichlorophenol	8.033	162	255408	48.765	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	271601	44.286	ng	99
31) Naphthalene	8.204	128	862166	46.810	ng	100
32) Benzoic acid	7.951	122	178909	50.562	ng	98
33) 4-Chloroaniline	8.245	127	130774	20.732	ng	99
34) Hexachlorobutadiene	8.322	225	183789	45.876	ng	99
35) Caprolactam	8.622	113	84972m	51.172	ng	
36) 4-Chloro-3-methylphenol	8.728	107	291823	50.321	ng	99
37) 2-Methylnaphthalene	8.892	142	563377	47.687	ng	99
38) 1-Methylnaphthalene	8.992	142	525756	46.111	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	281590	47.285	ng	97
41) Hexachlorocyclopentadiene	9.045	237	392824	170.735	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	200033	49.515	ng	100

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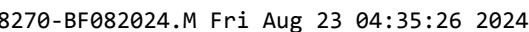
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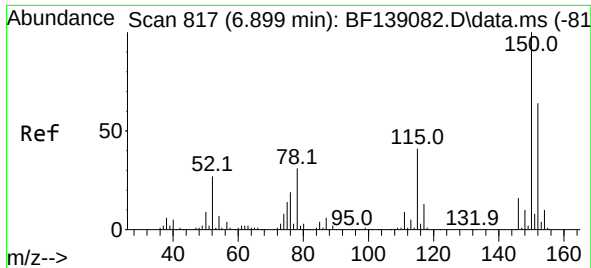
Quant Time: Aug 22 11:56:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
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 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	205552	49.570	ng	99
46) 1,1'-Biphenyl	9.357	154	710519	47.435	ng	100
47) 2-Chloronaphthalene	9.386	162	545876	44.852	ng	100
48) 2-Nitroaniline	9.475	65	195179	55.016	ng	99
49) Acenaphthylene	9.798	152	877994	50.359	ng	100
50) Dimethylphthalate	9.663	163	679541	50.339	ng	99
51) 2,6-Dinitrotoluene	9.722	165	144946	53.011	ng	95
52) Acenaphthene	9.975	154	621493	53.965	ng	100
53) 3-Nitroaniline	9.886	138	91028	34.510	ng	# 98
54) 2,4-Dinitrophenol	9.992	184	153288	107.507	ng	# 53
55) Dibenzofuran	10.145	168	810191	48.434	ng	99
56) 4-Nitrophenol	10.045	139	246256	120.684	ng	98
57) 2,4-Dinitrotoluene	10.122	165	201716	58.103	ng	99
58) Fluorene	10.486	166	640411	47.905	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	182393	54.781	ng	98
60) Diethylphthalate	10.363	149	670922	50.161	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	321178	48.105	ng	98
62) 4-Nitroaniline	10.510	138	146505	52.498	ng	98
63) Azobenzene	10.639	77	732331	49.269	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	99723	62.723	ng	97
66) n-Nitrosodiphenylamine	10.598	169	568498	48.101	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	203507	48.081	ng	97
68) Hexachlorobenzene	11.033	284	217427	47.883	ng	98
69) Atrazine	11.127	200	201642	55.863	ng	100
70) Pentachlorophenol	11.221	266	292567	100.866	ng	99
71) Phenanthrene	11.451	178	974086	47.979	ng	100
72) Anthracene	11.498	178	993587	50.042	ng	100
73) Carbazole	11.651	167	869735	46.910	ng	100
74) Di-n-butylphthalate	11.986	149	1051130	48.894	ng	100
75) Fluoranthene	12.633	202	1009599	46.591	ng	99
77) Benzidine	12.757	184	379943	77.194	ng	99
78) Pyrene	12.863	202	1018817	51.237	ng	100
80) Butylbenzylphthalate	13.486	149	392044	56.989	ng	99
81) Benzo(a)anthracene	14.051	228	762028	48.651	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	149750	34.203	ng	99
83) Chrysene	14.092	228	721616	50.828	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	513359	56.290	ng	99
85) Di-n-octyl phthalate	14.662	149	738010	57.657	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	665388	54.461	ng	99
88) Benzo(b)fluoranthene	15.104	252	649898	47.752	ng	100
89) Benzo(k)fluoranthene	15.139	252	568787	50.179	ng	99
90) Benzo(a)pyrene	15.474	252	568450	52.860	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	552543	55.093	ng	99
92) Benzo(g,h,i)perylene	17.480	276	500508	43.932	ng	99

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

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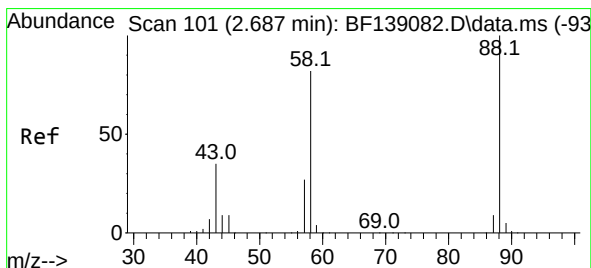
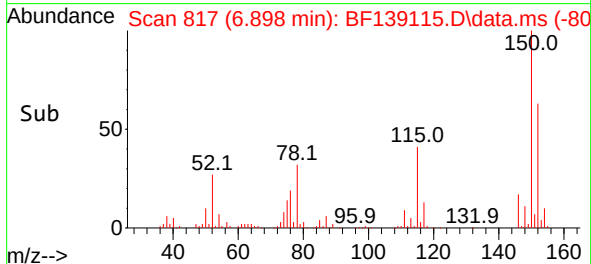
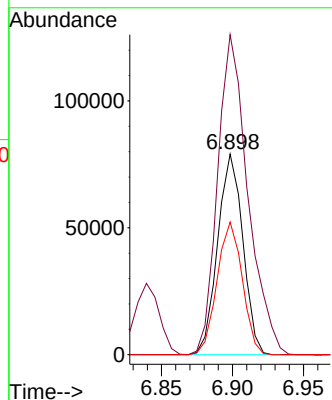
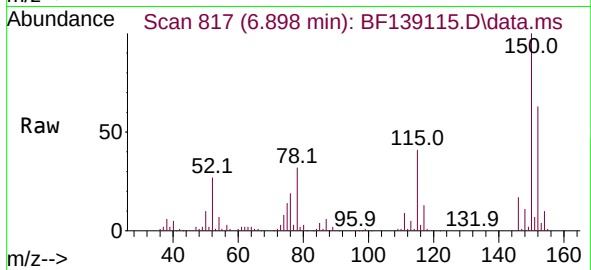




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF139115.D
 Acq: 22 Aug 2024 11:23

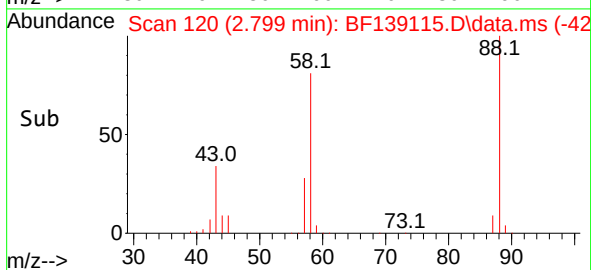
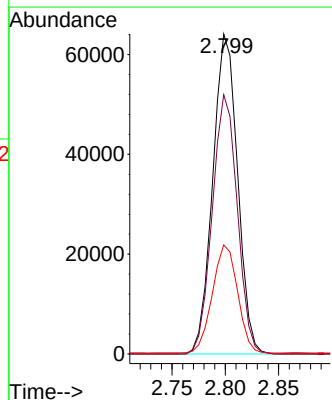
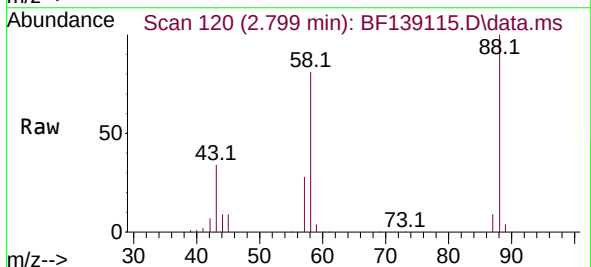
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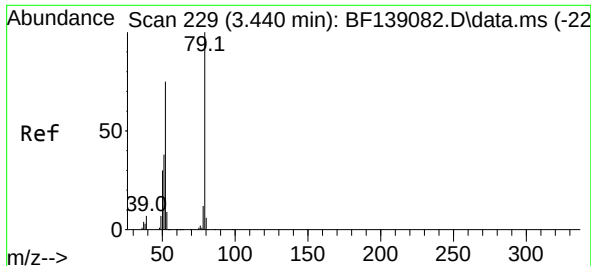
Tgt Ion:152 Resp: 97452
 Ion Ratio Lower Upper
 152 100
 150 159.4 125.1 187.7
 115 66.1 51.8 77.6



#2
 1,4-Dioxane
 Concen: 38.216 ng
 RT: 2.799 min Scan# 120
 Delta R.T. 0.111 min
 Lab File: BF139115.D
 Acq: 22 Aug 2024 11:23

Tgt Ion: 88 Resp: 103826
 Ion Ratio Lower Upper
 88 100
 58 81.5 65.4 98.0
 43 34.4 27.9 41.9

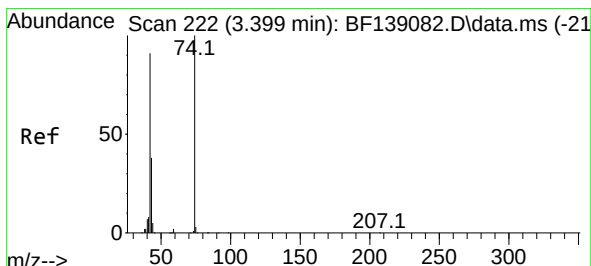
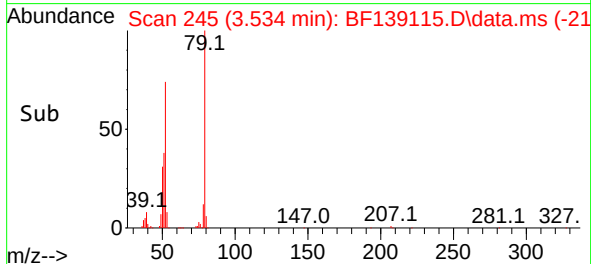
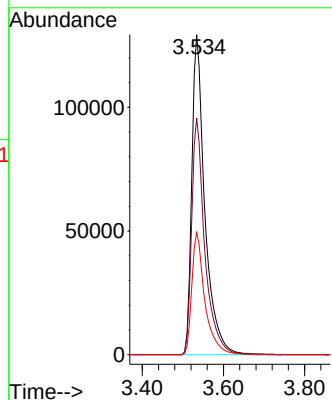
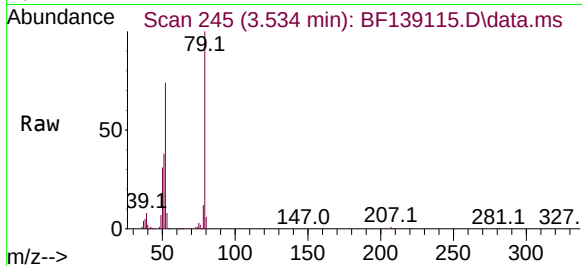




#3
Pyridine
Concen: 41.885 ng
RT: 3.534 min Scan# 24
Delta R.T. 0.094 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

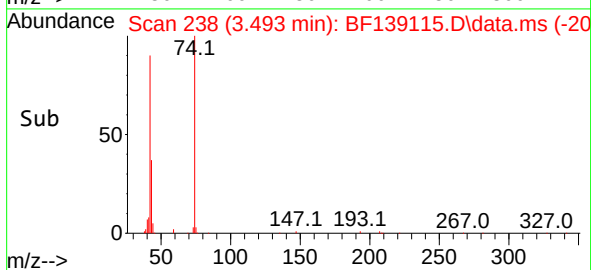
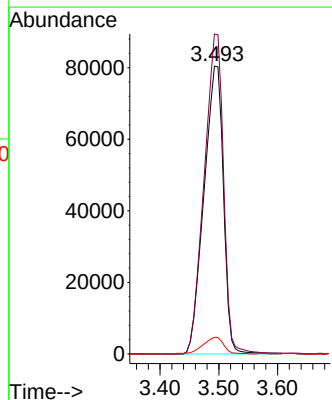
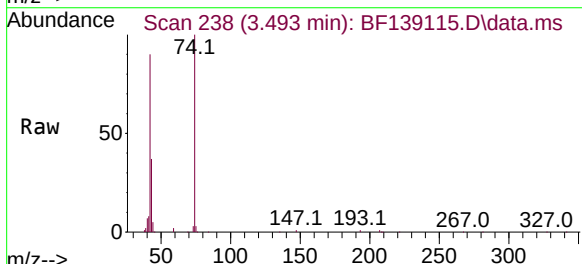
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BNA_F
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PB162687BS

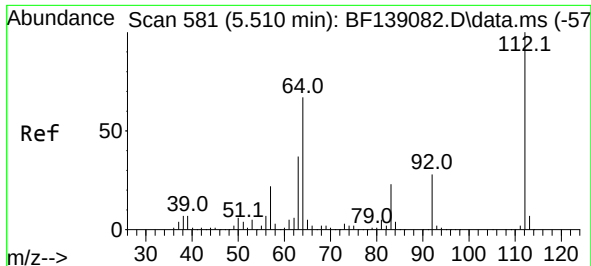
Tgt Ion: 79 Resp: 289166
Ion Ratio Lower Upper
79 100
52 74.0 59.7 89.5
51 38.2 30.6 45.8



#4
n-Nitrosodimethylamine
Concen: 44.305 ng
RT: 3.493 min Scan# 238
Delta R.T. 0.094 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion: 42 Resp: 184776
Ion Ratio Lower Upper
42 100
74 111.2 88.2 132.2
44 5.8 5.4 8.0

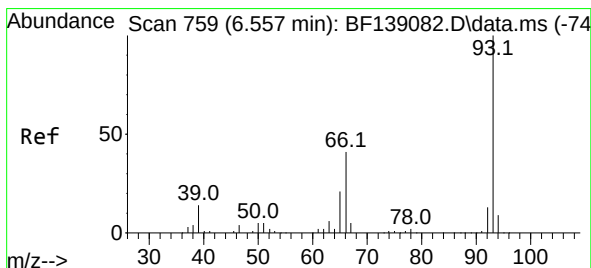
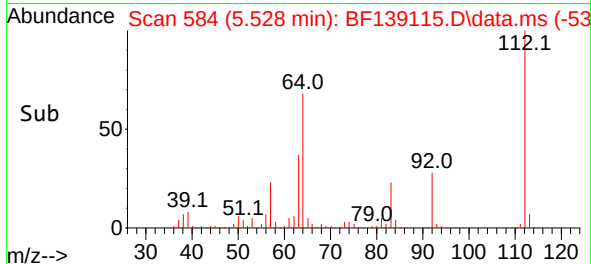
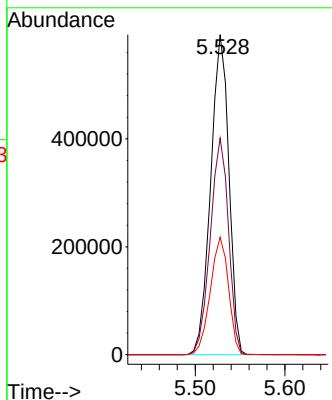
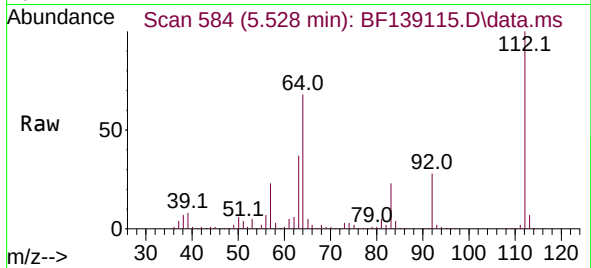




#5
2-Fluorophenol
Concen: 131.881 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

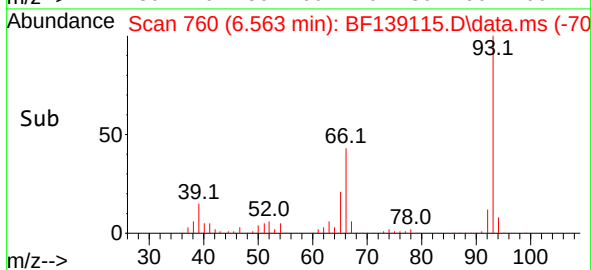
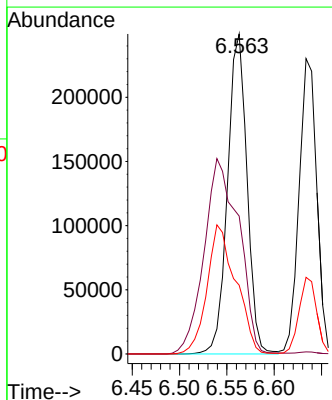
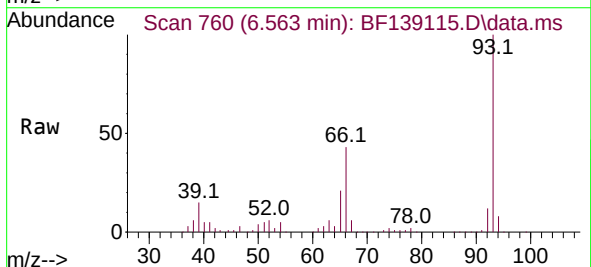
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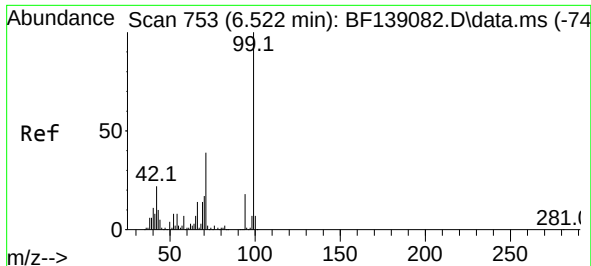
Tgt Ion:112 Resp: 835355
Ion Ratio Lower Upper
112 100
64 67.7 53.8 80.6
63 36.7 29.4 44.2



#6
Aniline
Concen: 48.246 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion: 93 Resp: 356471
Ion Ratio Lower Upper
93 100
66 43.1 35.1 52.7
65 21.5 17.4 26.2





#7

Phenol-d6

Concen: 132.463 ng

RT: 6.528 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

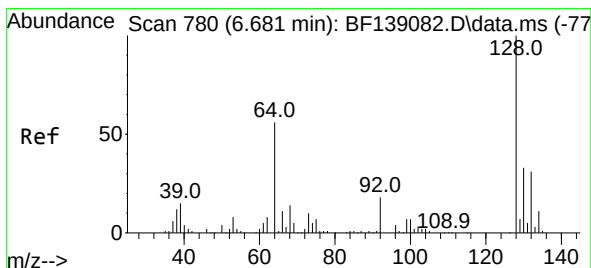
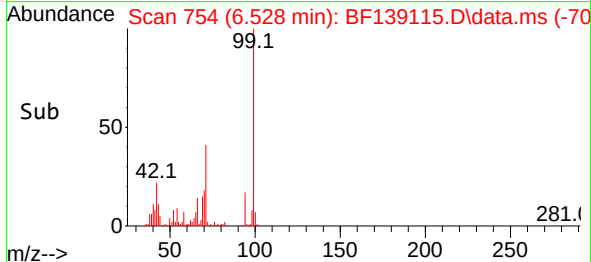
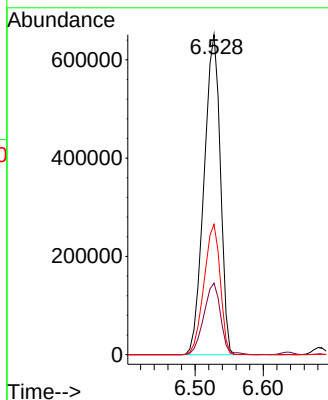
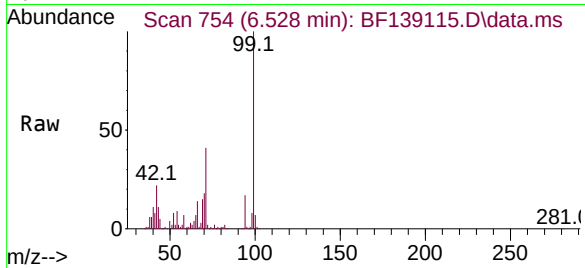
Tgt Ion: 99 Resp: 1084147

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.2

71 40.8 31.2 46.8



#8

2-Chlorophenol

Concen: 48.981 ng

RT: 6.681 min Scan# 780

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

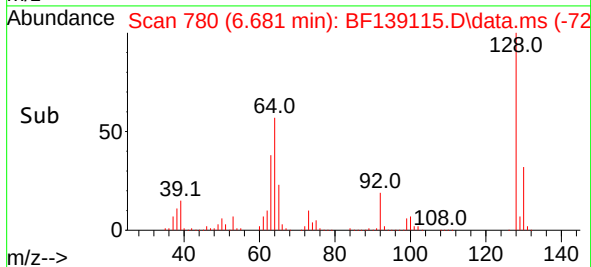
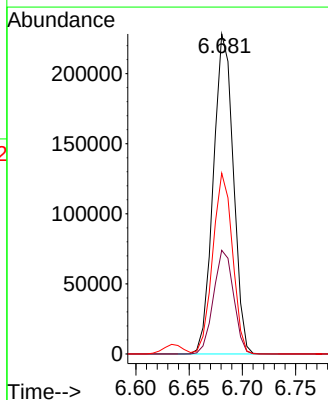
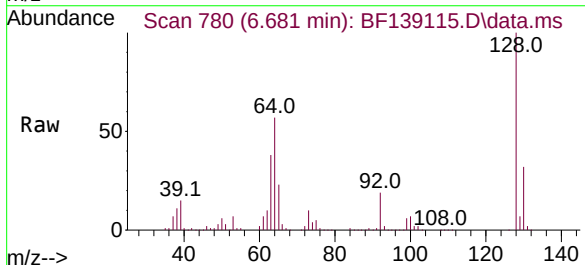
Tgt Ion:128 Resp: 298414

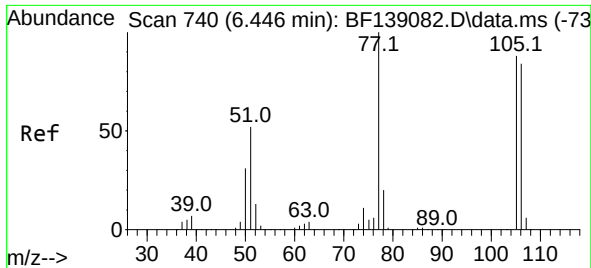
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 56.5 39.1 79.1

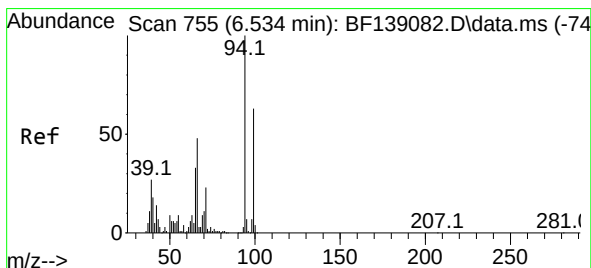
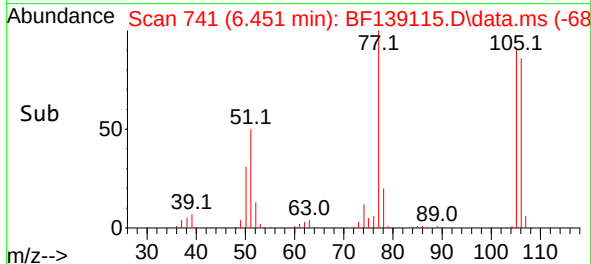
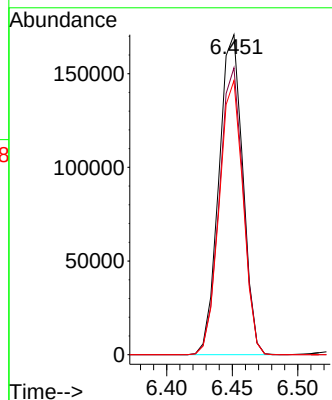
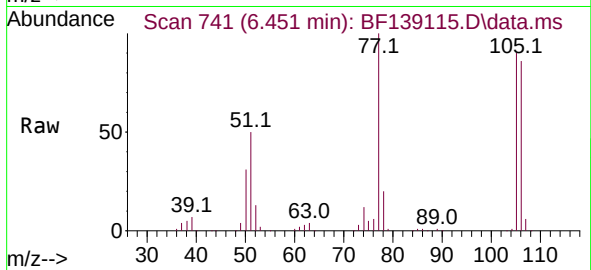




#9
Benzaldehyde
Concen: 45.121 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.005 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

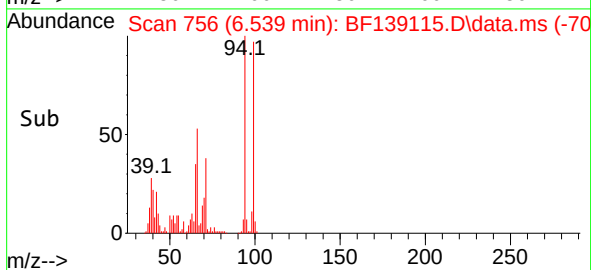
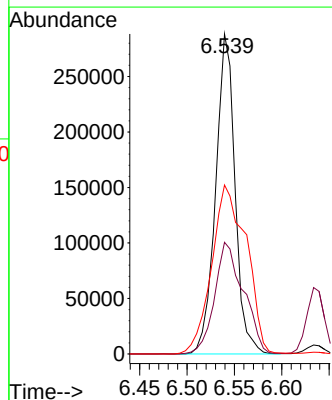
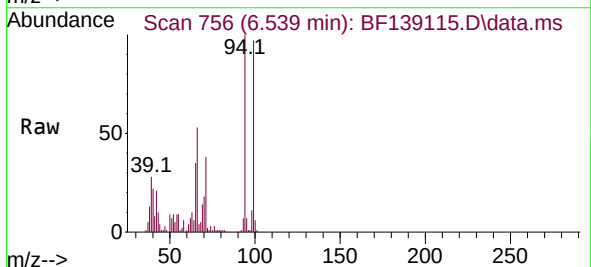
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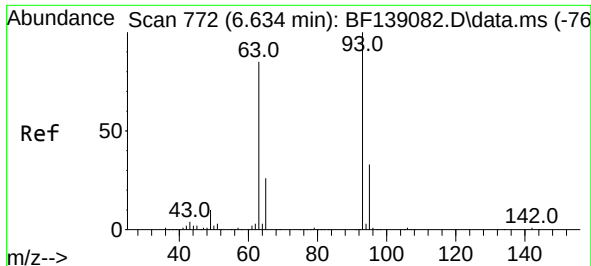
Tgt Ion: 77 Resp: 216589
Ion Ratio Lower Upper
77 100
105 89.7 68.2 108.2
106 85.7 63.8 103.8



#10
Phenol
Concen: 48.422 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion: 94 Resp: 412363
Ion Ratio Lower Upper
94 100
65 34.9 13.5 53.5
66 52.8 28.5 68.5

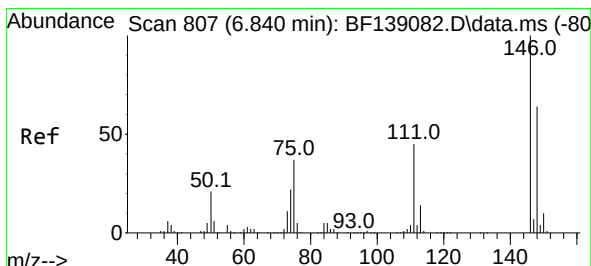
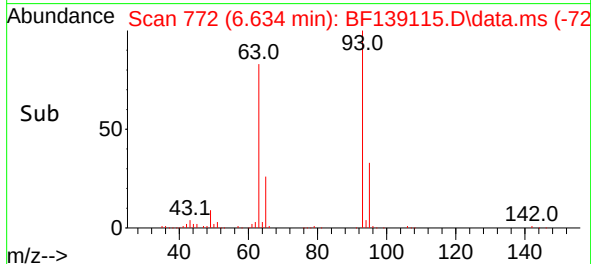
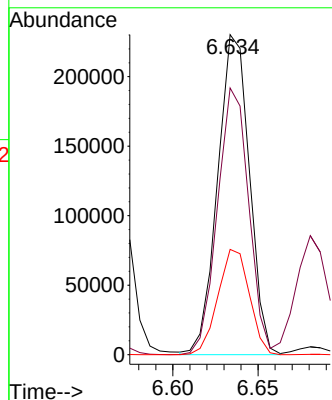
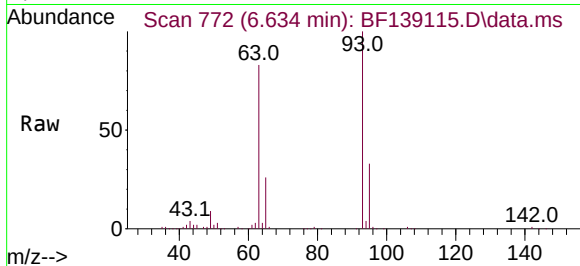




#11
bis(2-Chloroethyl)ether
Concen: 43.650 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

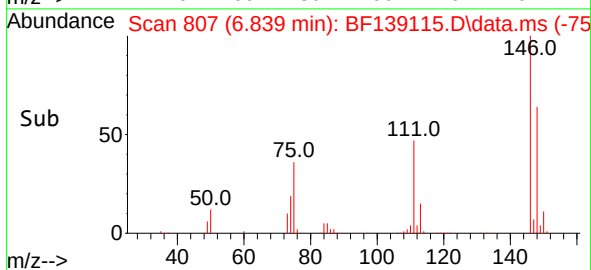
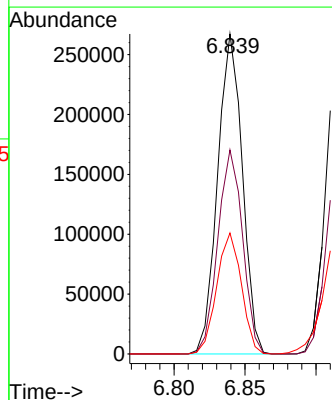
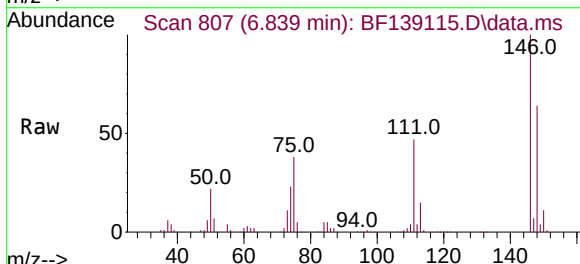
Instrument :
BNA_F
ClientSampleId :
PB162687BS

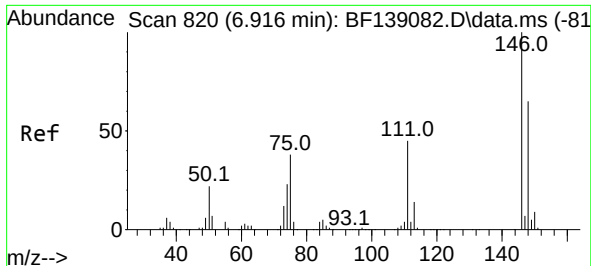
Tgt Ion: 93 Resp: 298935
Ion Ratio Lower Upper
93 100
63 83.3 62.7 102.7
95 32.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 44.166 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:146 Resp: 323516
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 37.8 29.9 44.9

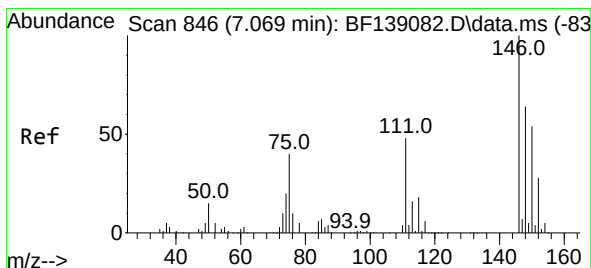
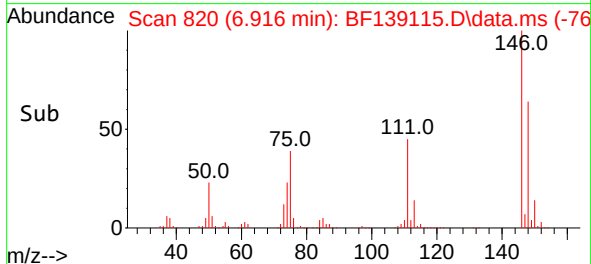
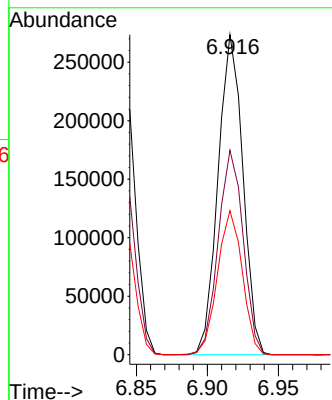
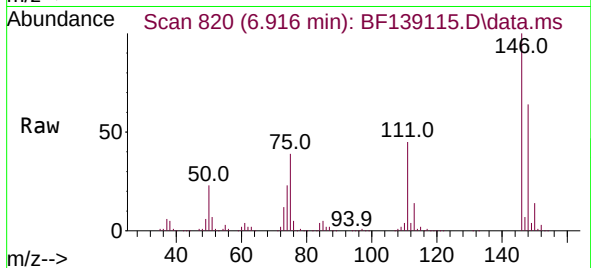




#13
1,4-Dichlorobenzene
Concen: 45.354 ng
RT: 6.916 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

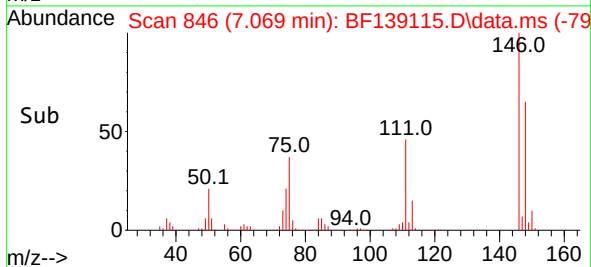
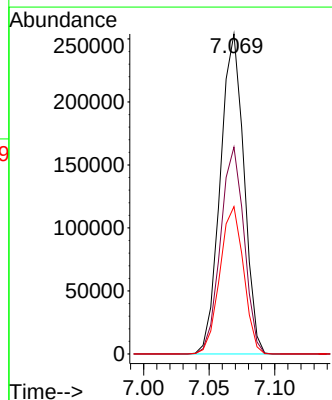
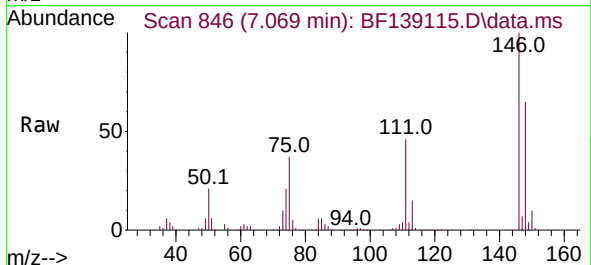
Instrument :
BNA_F
ClientSampleId :
PB162687BS

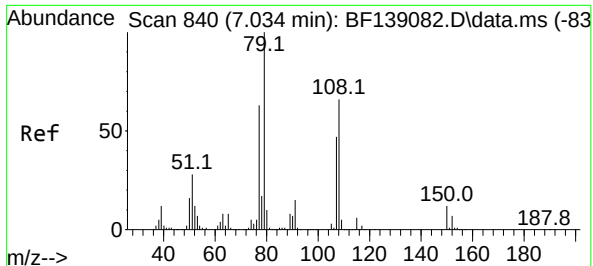
Tgt Ion:146 Resp: 332168
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
111 45.0 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 47.494 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:146 Resp: 317904
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 46.0 38.1 57.1





#15

Benzyl Alcohol

Concen: 49.740 ng

RT: 7.039 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

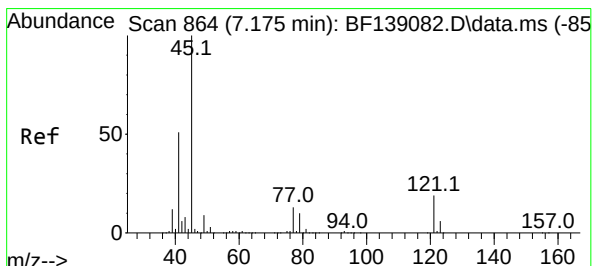
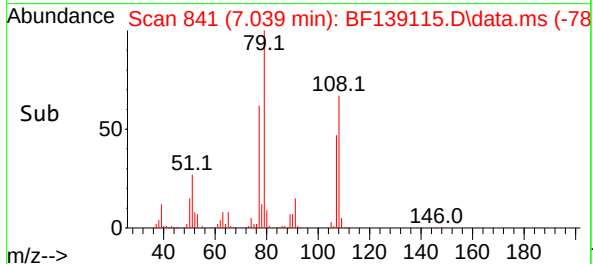
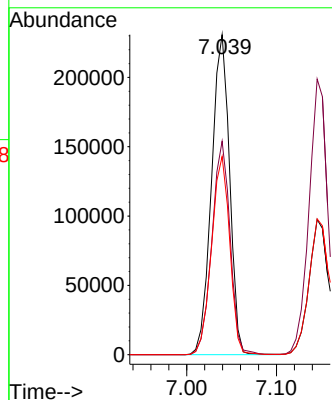
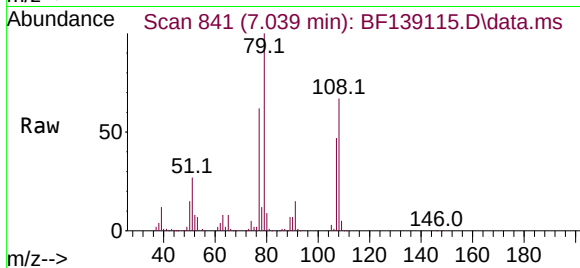
Tgt Ion: 79 Resp: 321752

Ion Ratio Lower Upper

79 100

108 66.7 52.8 79.2

77 62.0 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.842 ng

RT: 7.175 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

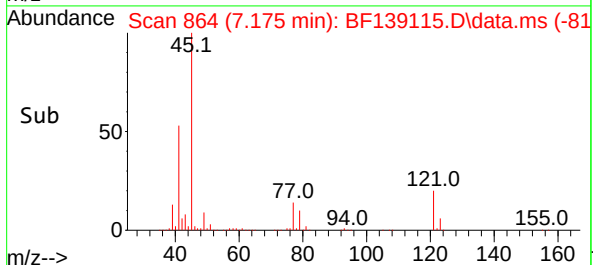
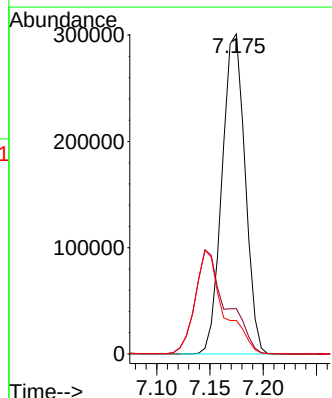
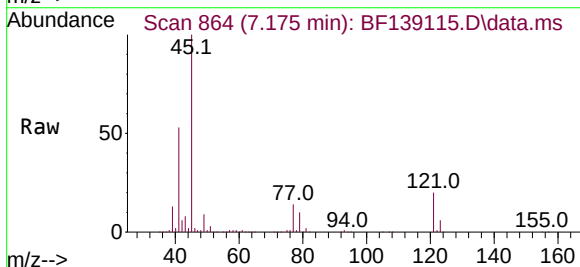
Tgt Ion: 45 Resp: 451888

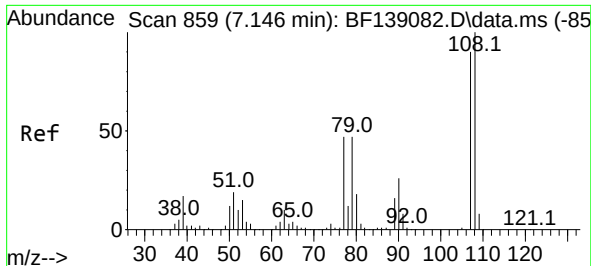
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.7

79 10.4 0.0 30.4





#17

2-Methylphenol

Concen: 48.422 ng

RT: 7.145 min Scan# 8

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

Tgt Ion:107 Resp: 252378

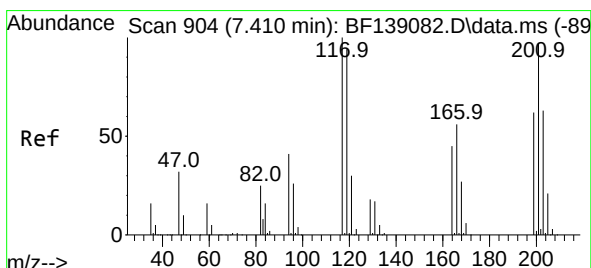
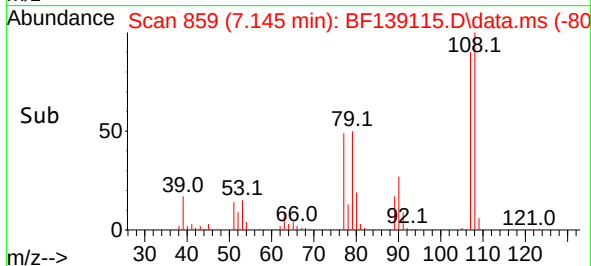
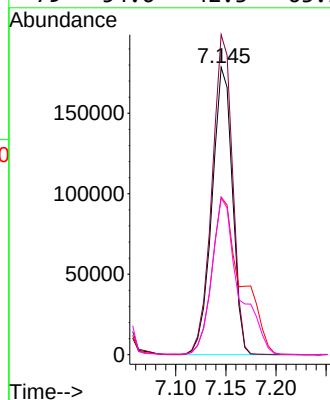
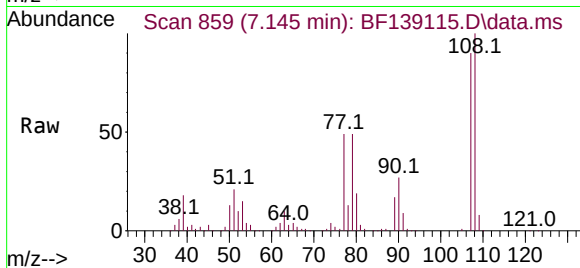
Ion Ratio Lower Upper

107 100

108 111.4 89.1 133.7

77 54.9 42.1 63.1

79 54.6 42.3 63.5



#18

Hexachloroethane

Concen: 45.874 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

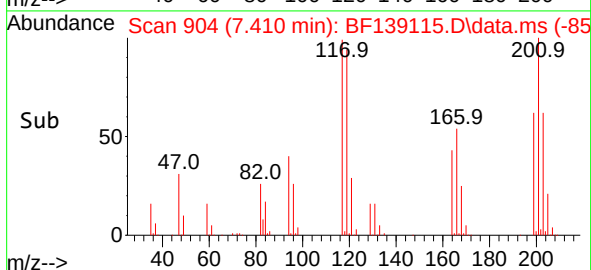
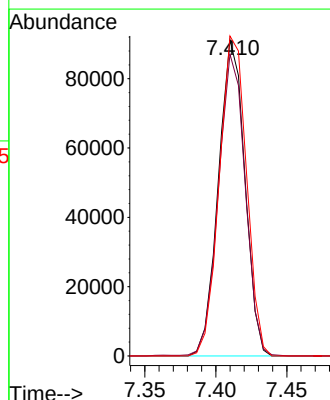
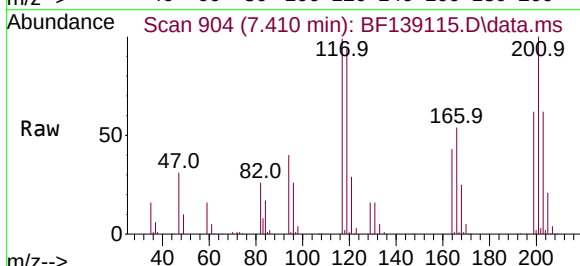
Tgt Ion:117 Resp: 117814

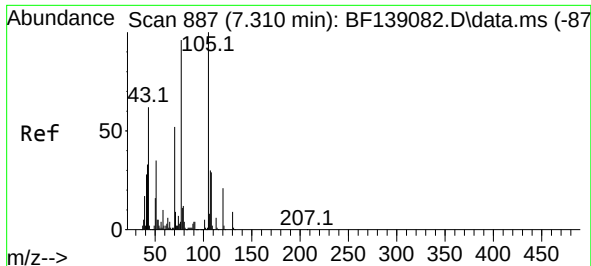
Ion Ratio Lower Upper

117 100

119 95.4 75.5 113.3

201 101.2 77.8 116.8



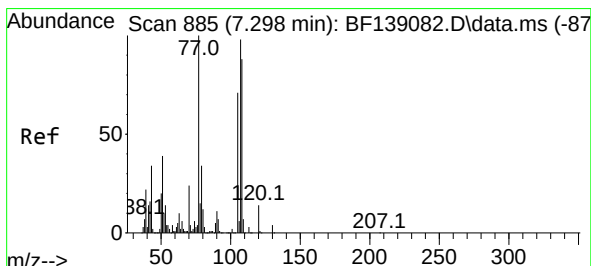
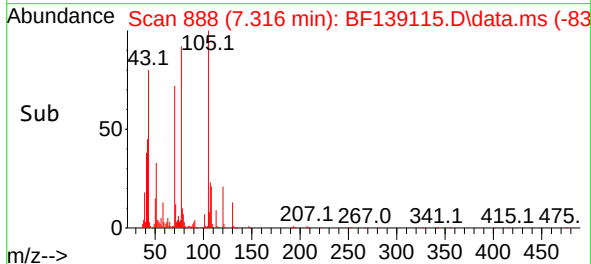
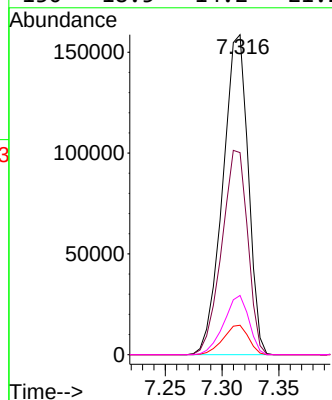
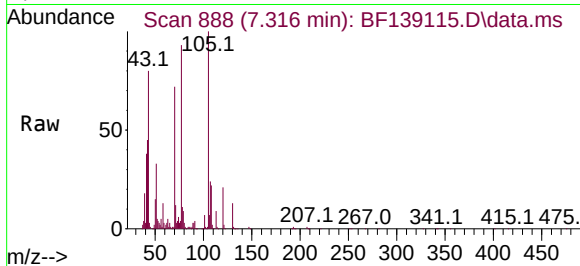


#19
n-Nitroso-di-n-propylamine
Concen: 46.021 ng
RT: 7.316 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB162687BS

Tgt Ion: 70 Resp: 247354

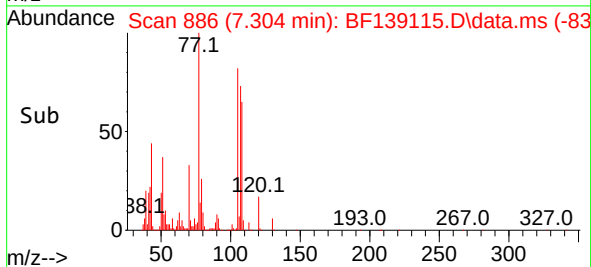
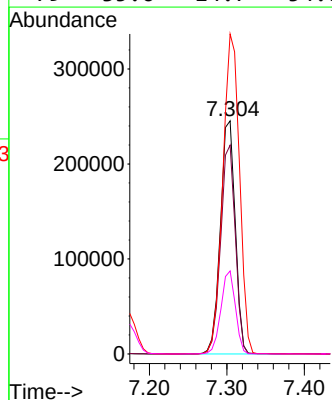
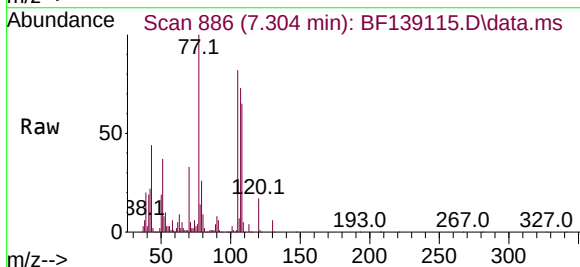
Ion	Ratio	Lower	Upper
70	100		
42	63.2	50.5	75.7
101	9.2	7.2	10.8
130	18.5	14.2	21.2

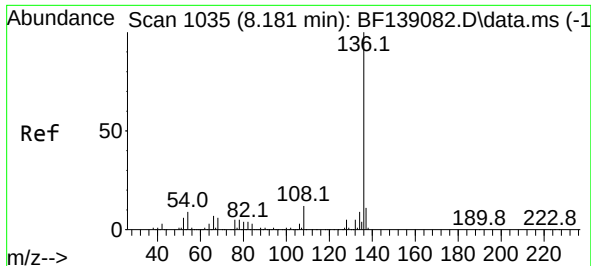


#20
3+4-Methylphenols
Concen: 48.392 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion: 107 Resp: 326789

Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.2	110.2
77	137.2	82.7	122.7#
79	35.6	14.7	54.7

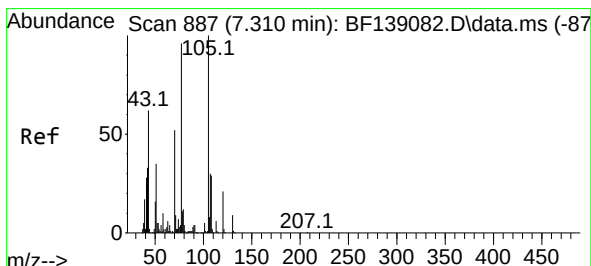
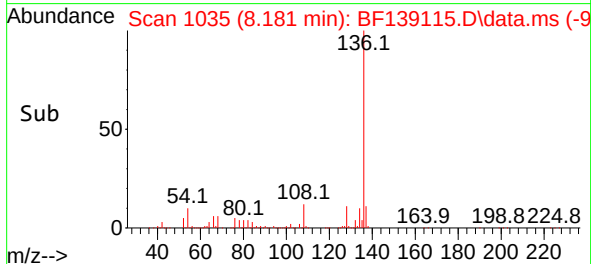
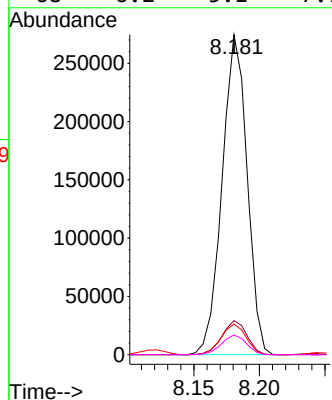
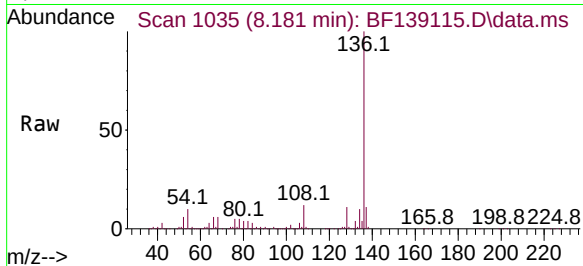




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

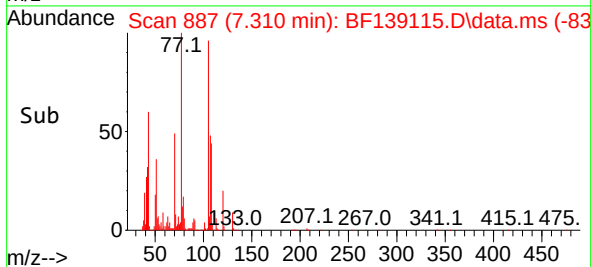
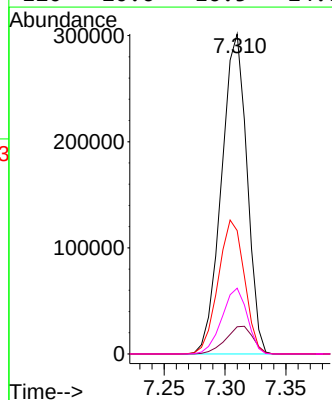
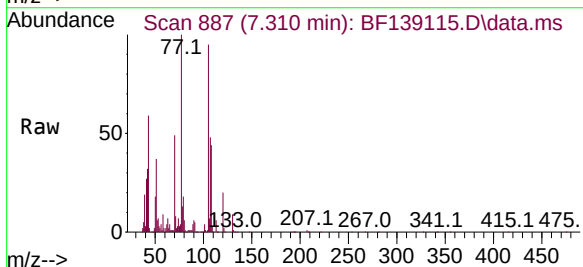
Instrument :
BNA_F
ClientSampleId :
PB162687BS

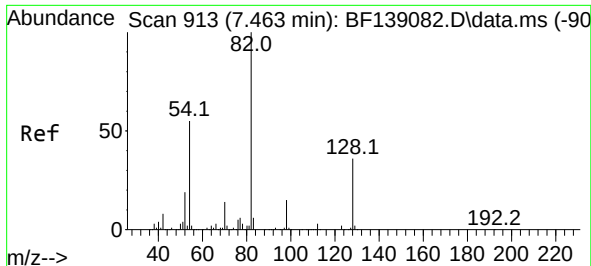
Tgt Ion:136 Resp: 363464
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.6 7.6 11.4
68 6.2 5.1 7.7



#22
Acetophenone
Concen: 47.288 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:105 Resp: 438849
Ion Ratio Lower Upper
105 100
71 8.5 7.0 10.6
51 38.5 28.0 42.0
120 20.6 16.5 24.7





#23

Nitrobenzene-d5

Concen: 115.015 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

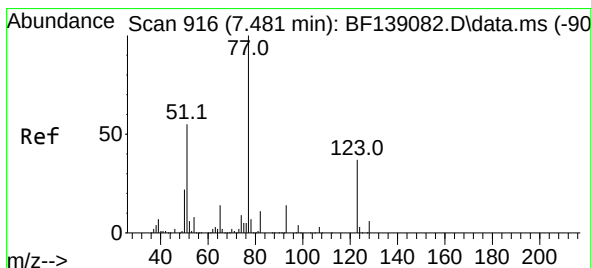
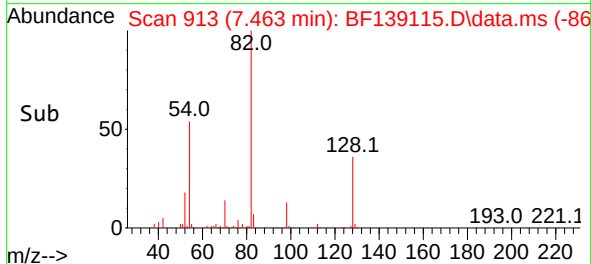
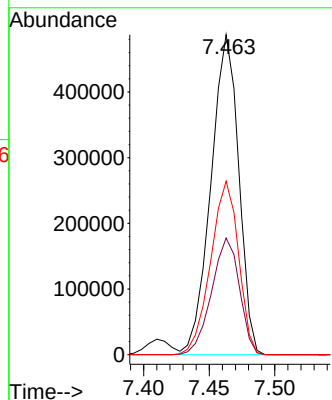
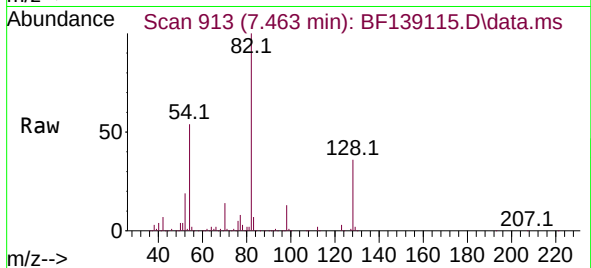
BNA_F

ClientSampleId :

PB162687BS

Tgt Ion: 82 Resp: 717419

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.0	43.4
54	54.2	43.4	65.2



#24

Nitrobenzene

Concen: 52.845 ng

RT: 7.481 min Scan# 916

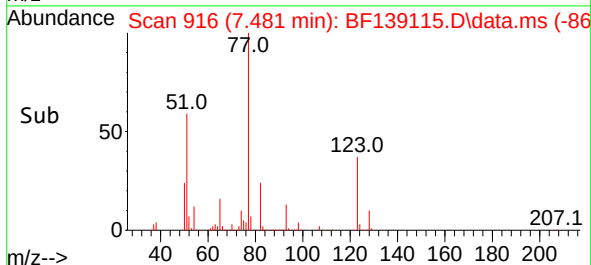
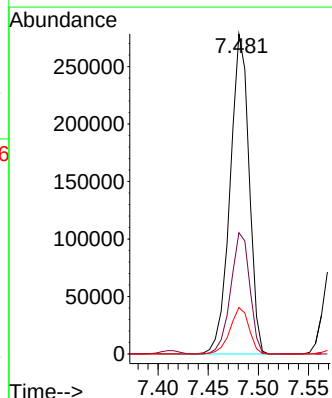
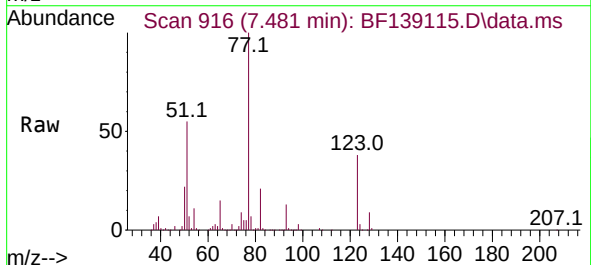
Delta R.T. -0.000 min

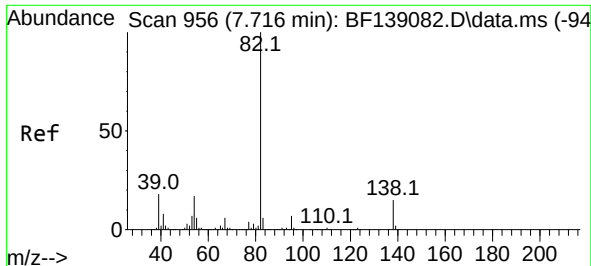
Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Tgt Ion: 77 Resp: 366386

Ion	Ratio	Lower	Upper
77	100		
123	37.9	30.3	45.5
65	14.5	11.3	16.9

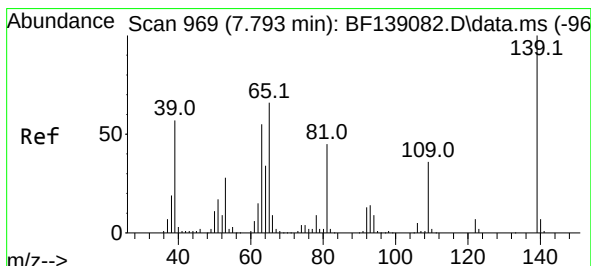
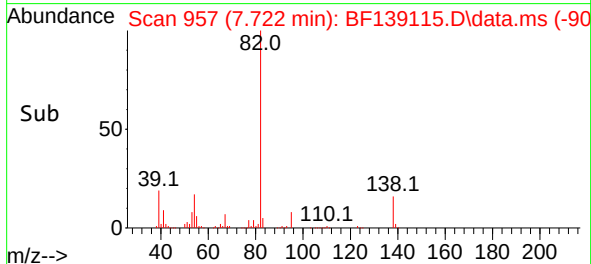
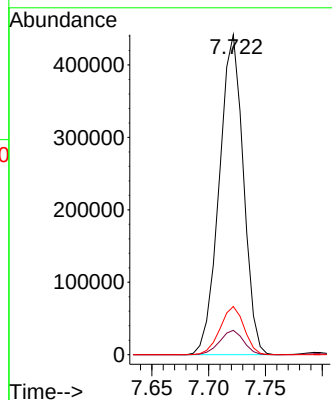
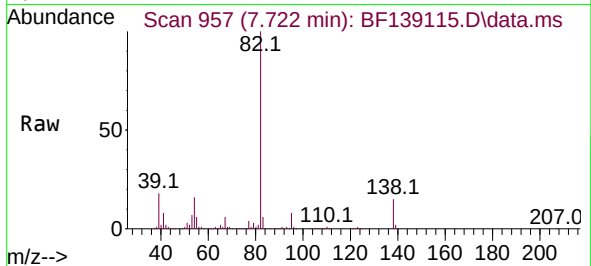




#25
Isophorone
Concen: 49.250 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

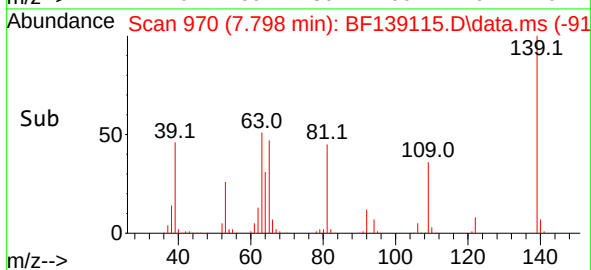
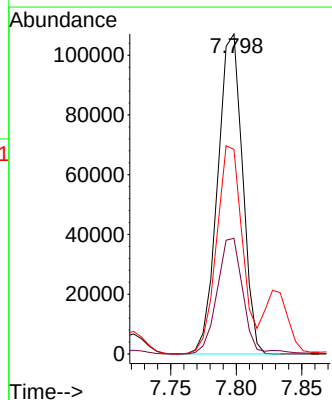
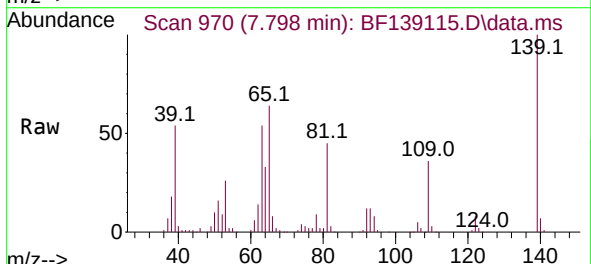
Instrument :
BNA_F
ClientSampleId :
PB162687BS

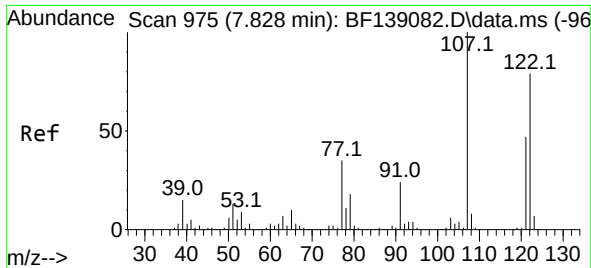
Tgt Ion: 82 Resp: 652949
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 15.1 11.8 17.8



#26
2-Nitrophenol
Concen: 57.194 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.005 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion: 139 Resp: 141212
Ion Ratio Lower Upper
139 100
109 36.1 29.2 43.8
65 64.0 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 57.965 ng

RT: 7.833 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

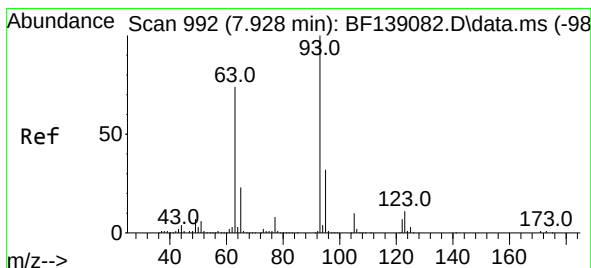
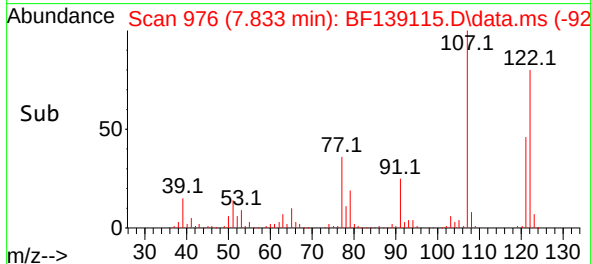
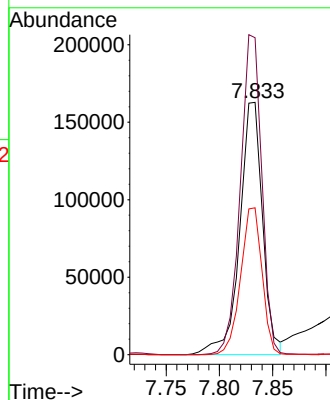
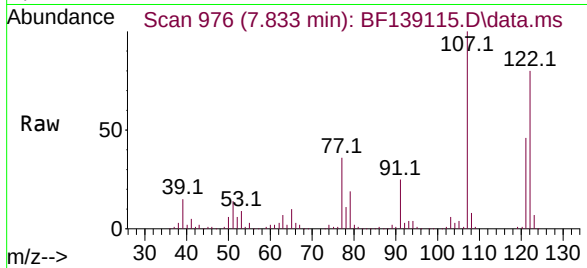
Tgt Ion:122 Resp: 243693

Ion Ratio Lower Upper

122 100

107 125.6 101.1 151.7

121 58.2 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.338 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

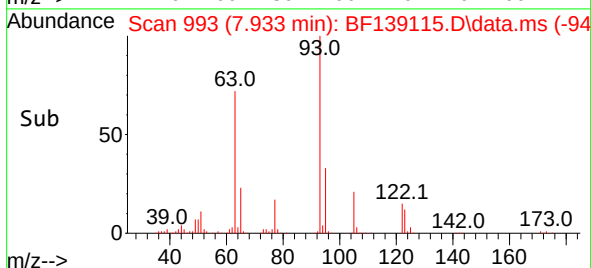
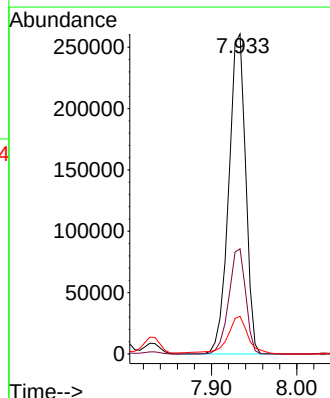
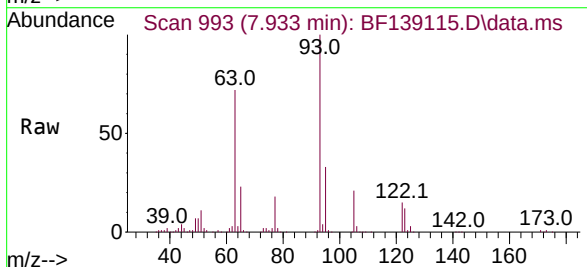
Tgt Ion: 93 Resp: 358964

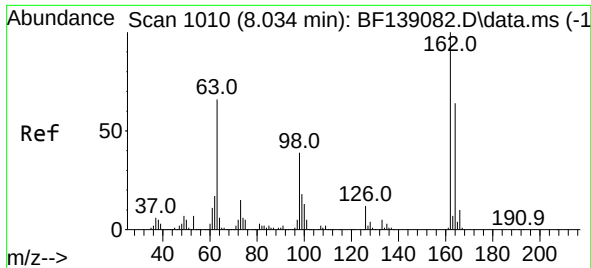
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 11.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 48.765 ng

RT: 8.033 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

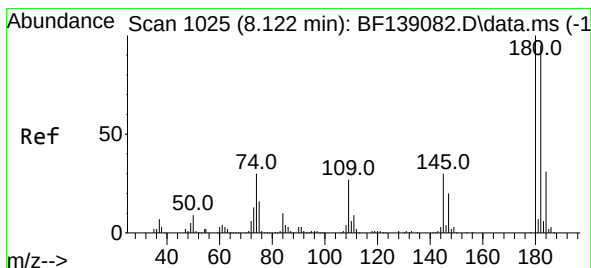
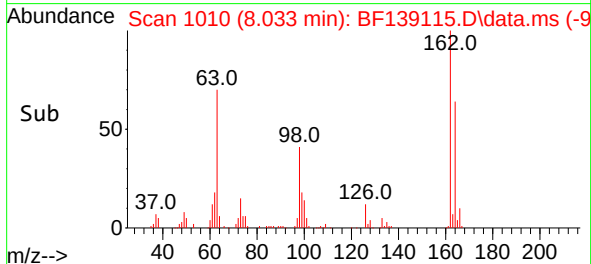
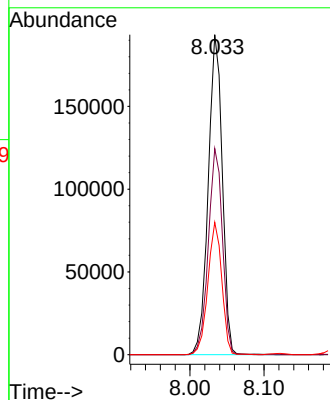
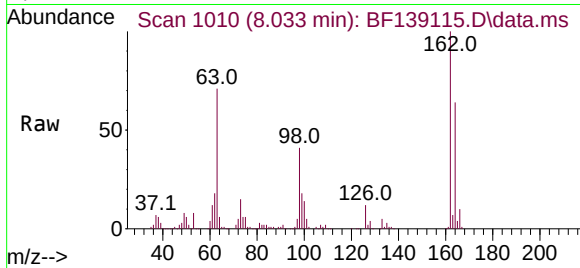
Tgt Ion:162 Resp: 255408

Ion Ratio Lower Upper

162 100

164 64.4 43.9 83.9

98 41.4 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 44.286 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

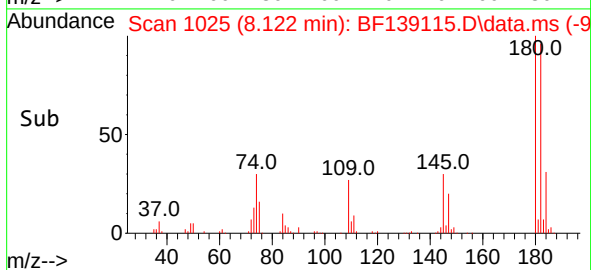
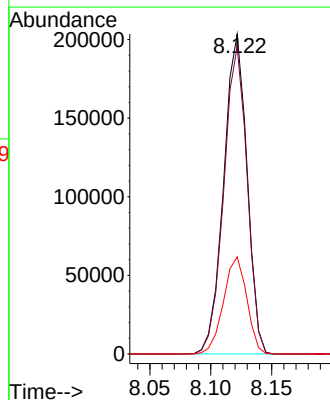
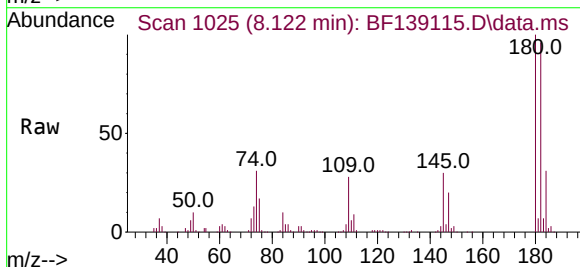
Tgt Ion:180 Resp: 271601

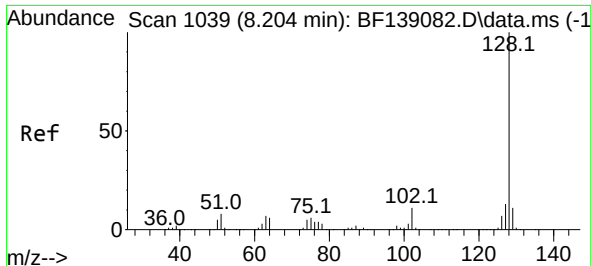
Ion Ratio Lower Upper

180 100

182 96.0 76.1 114.1

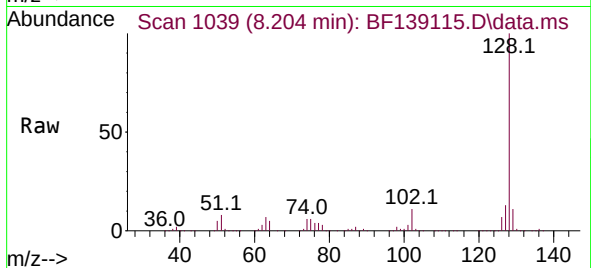
145 30.4 23.9 35.9



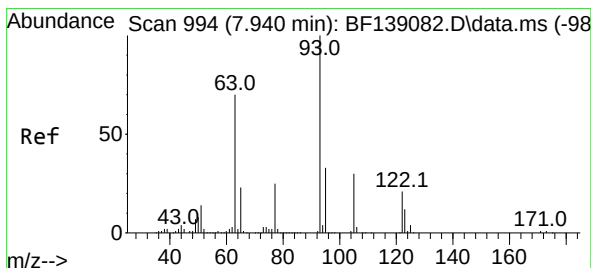
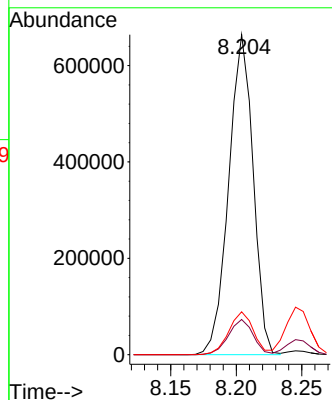
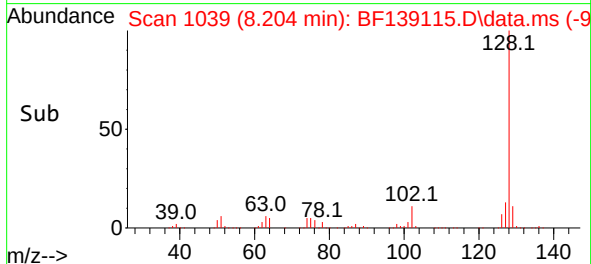


#31
Naphthalene
Concen: 46.810 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB162687BS

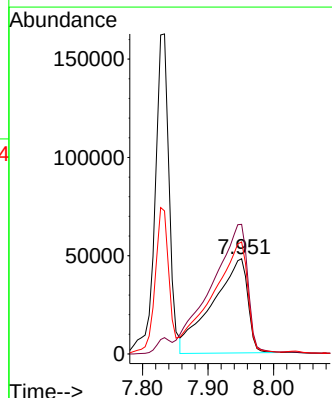
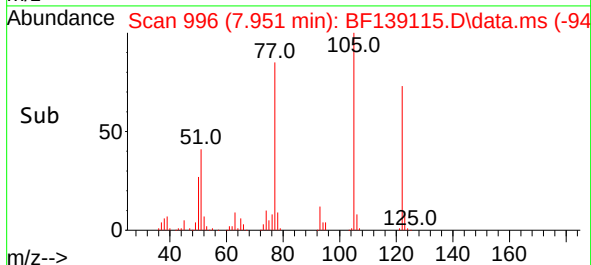
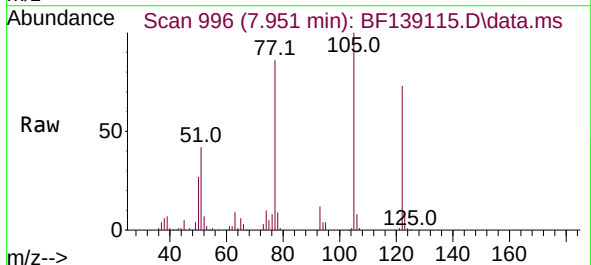


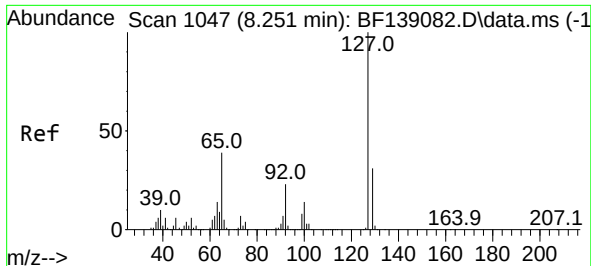
Tgt Ion:128 Resp: 862166
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 50.562 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.011 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:122 Resp: 178909
Ion Ratio Lower Upper
122 100
105 136.3 119.6 159.6
77 117.7 97.6 137.6

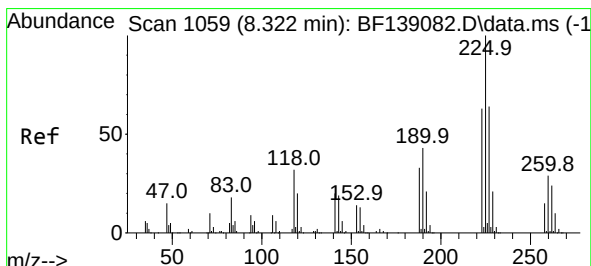
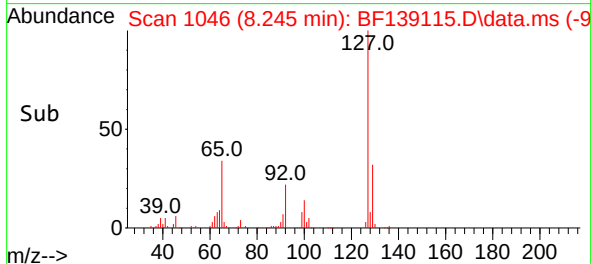
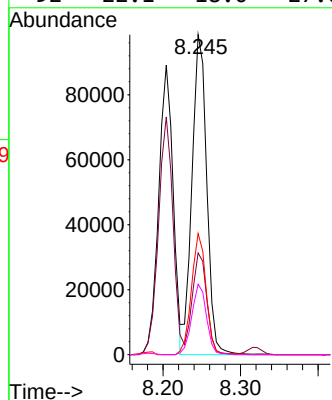
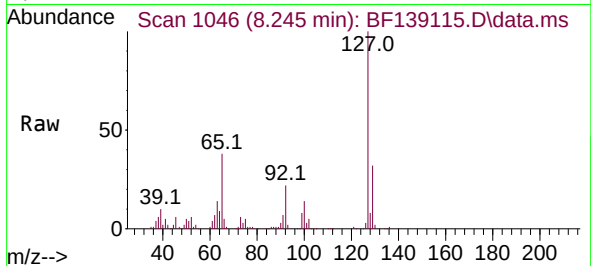




#33
4-Chloroaniline
Concen: 20.732 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

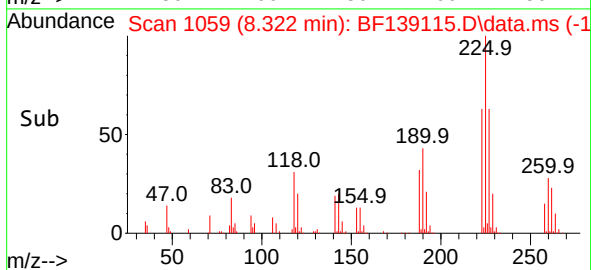
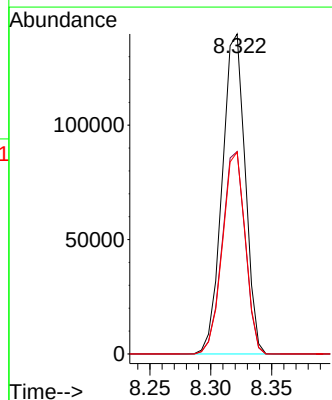
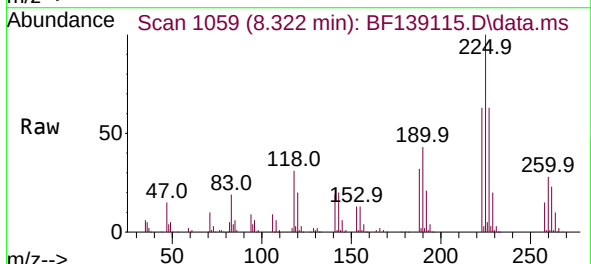
Instrument :
BNA_F
ClientSampleId :
PB162687BS

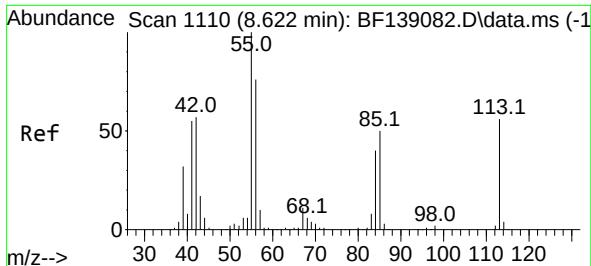
Tgt Ion:127	Resp: 130774
Ion Ratio	Lower Upper
127 100	
129 31.8	26.0 39.0
65 37.9	30.3 45.5
92 22.1	18.0 27.0



#34
Hexachlorobutadiene
Concen: 45.876 ng
RT: 8.322 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:225	Resp: 183789
Ion Ratio	Lower Upper
225 100	
223 63.3	50.0 75.0
227 63.1	51.4 77.2

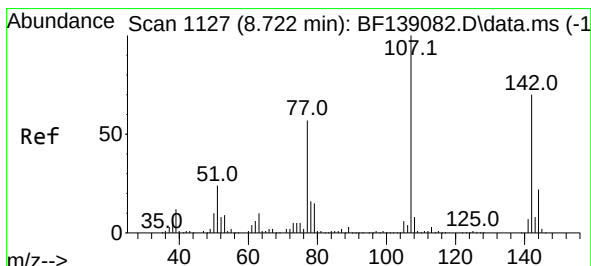
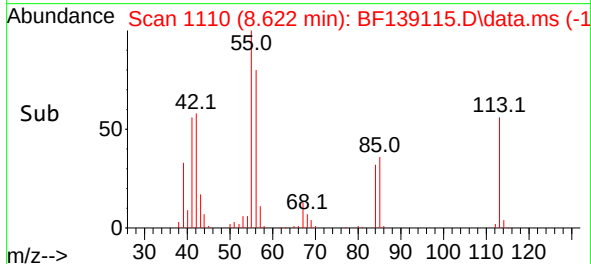
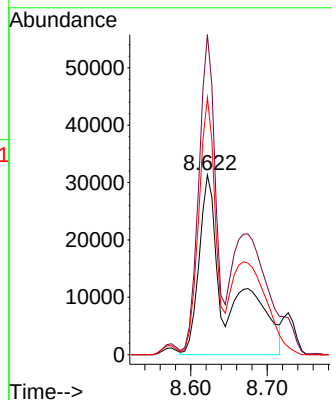
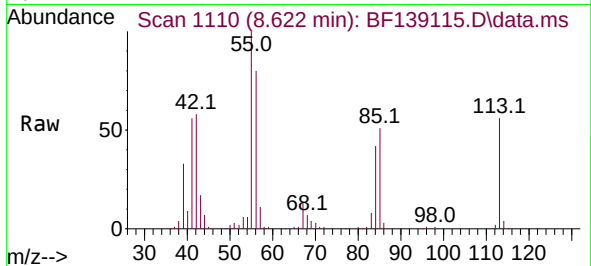




#35
 Caprolactam
 Concen: 51.172 ng m
 RT: 8.622 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: BF139115.D
 Acq: 22 Aug 2024 11:23

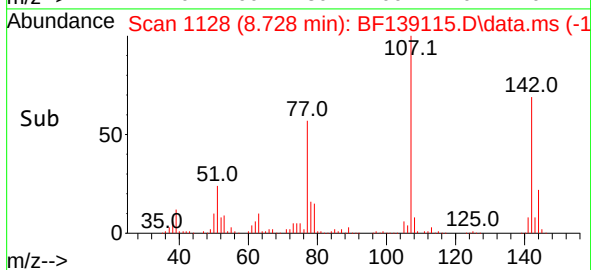
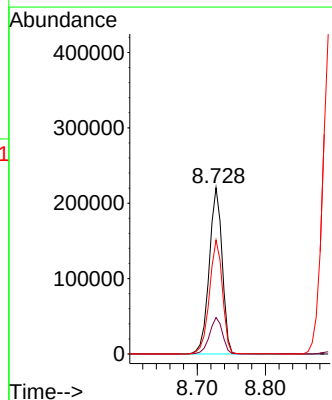
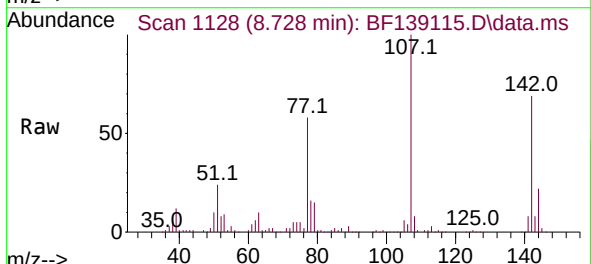
Instrument :
 BNA_F
 ClientSampleId :
 PB162687BS

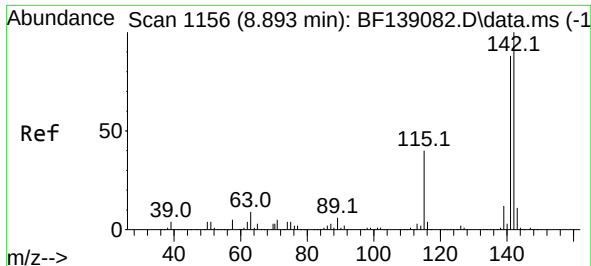
Tgt Ion:113 Resp: 84972
 Ion Ratio Lower Upper
 113 100
 55 178.1 158.6 198.6
 56 143.1 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 50.321 ng
 RT: 8.728 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: BF139115.D
 Acq: 22 Aug 2024 11:23

Tgt Ion:107 Resp: 291823
 Ion Ratio Lower Upper
 107 100
 144 22.0 17.7 26.5
 142 68.5 55.6 83.4





#37

2-Methylnaphthalene

Concen: 47.687 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

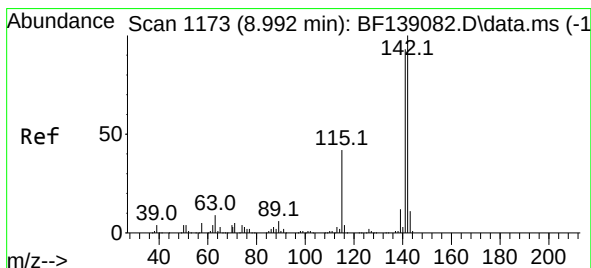
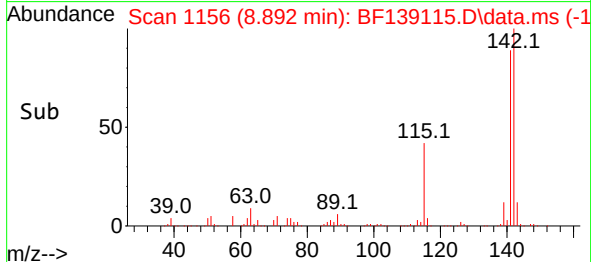
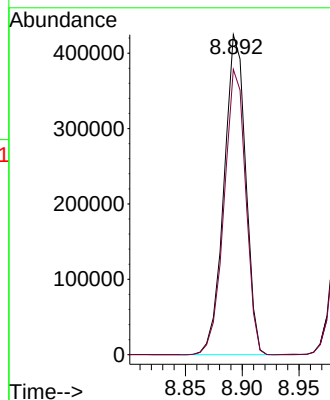
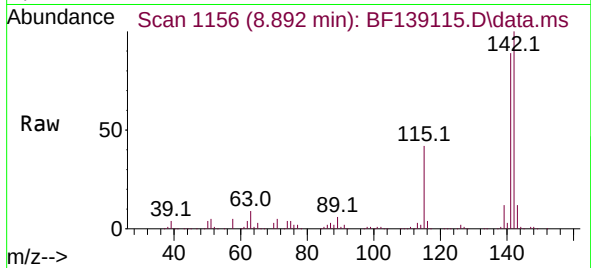
PB162687BS

Tgt Ion:142 Resp: 563377

Ion Ratio Lower Upper

142 100

141 89.2 70.6 105.8



#38

1-Methylnaphthalene

Concen: 46.111 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF139115.D

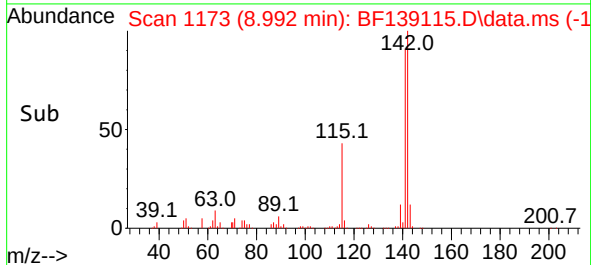
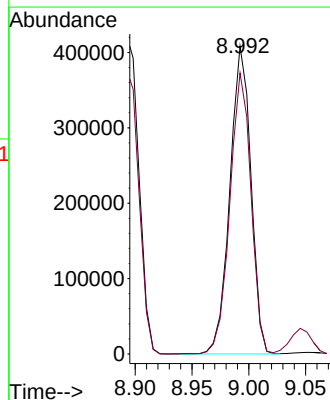
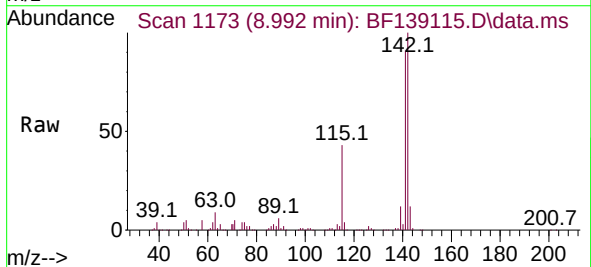
Acq: 22 Aug 2024 11:23

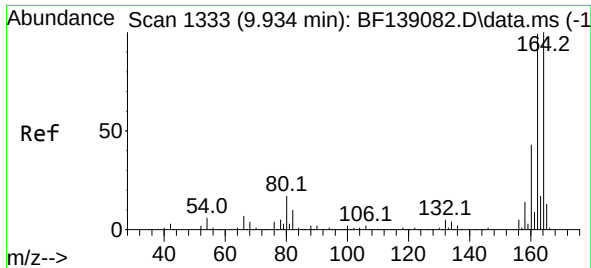
Tgt Ion:142 Resp: 525756

Ion Ratio Lower Upper

142 100

141 91.3 74.1 111.1

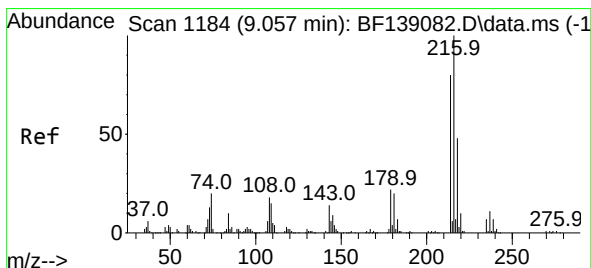
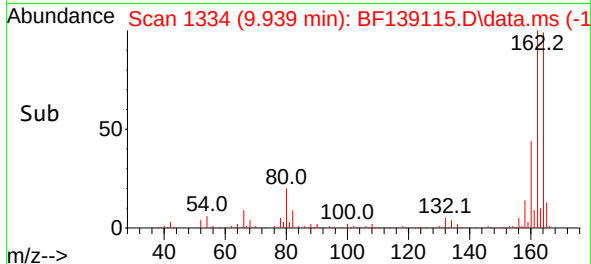
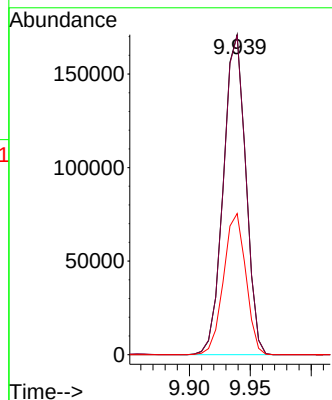
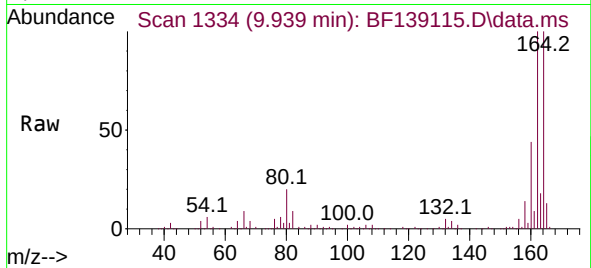




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

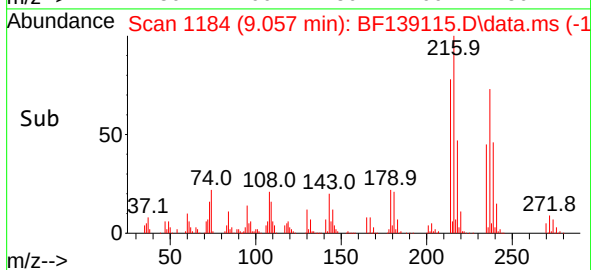
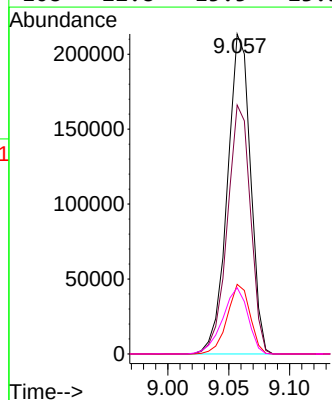
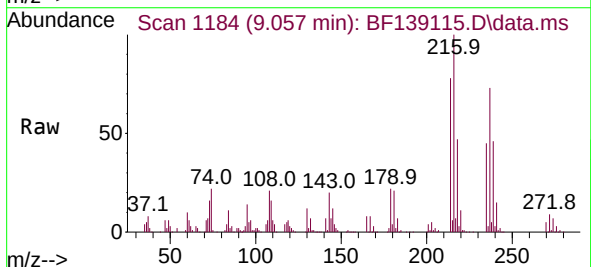
Instrument :
BNA_F
ClientSampleId :
PB162687BS

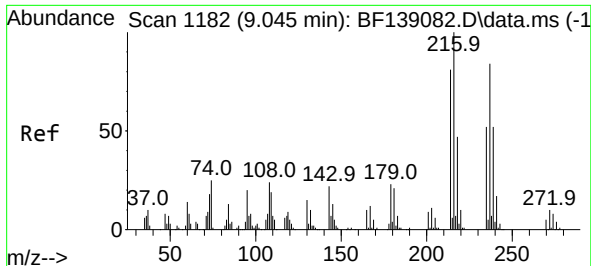
Tgt Ion:164 Resp: 218661
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 44.1 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.285 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

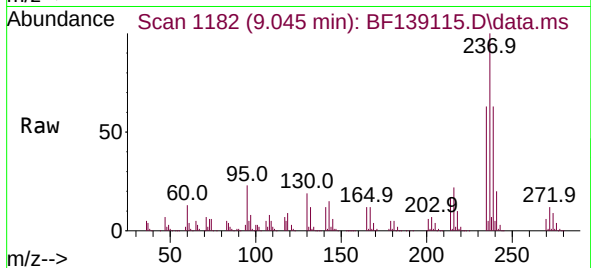
Tgt Ion:216 Resp: 281590
Ion Ratio Lower Upper
216 100
214 77.9 64.2 96.2
179 21.4 17.4 26.2
108 22.8 15.5 23.3



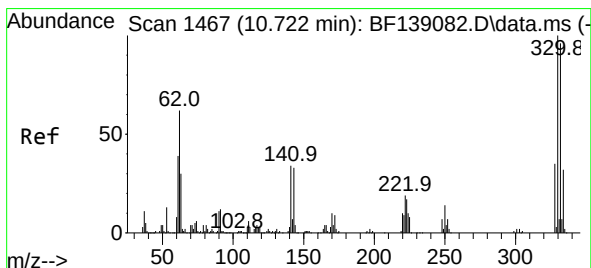
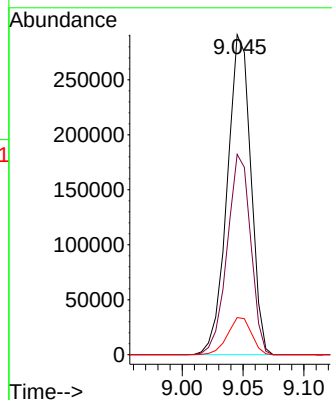
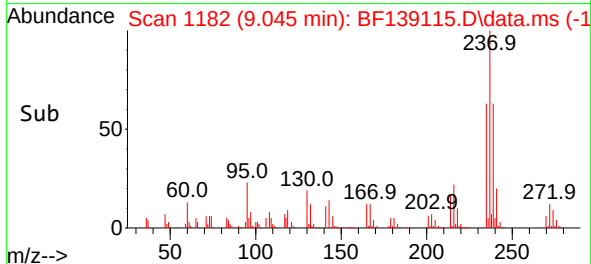


#41
Hexachlorocyclopentadiene
Concen: 170.735 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

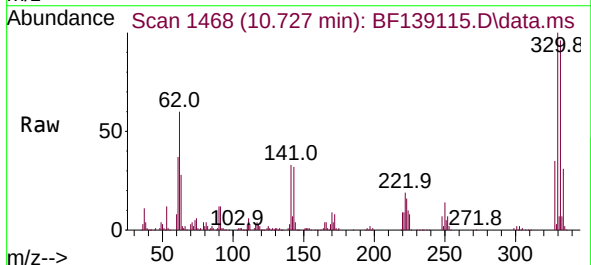
Instrument :
BNA_F
ClientSampleId :
PB162687BS



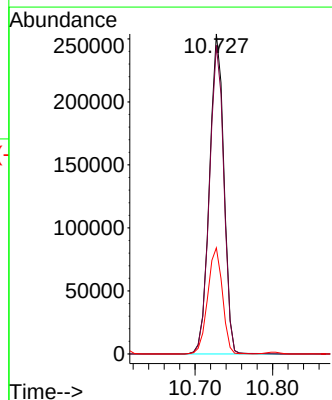
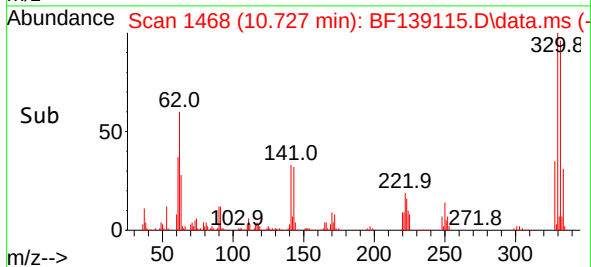
Tgt Ion:237 Resp: 392824
Ion Ratio Lower Upper
237 100
235 62.6 42.5 82.5
272 11.6 0.0 32.0

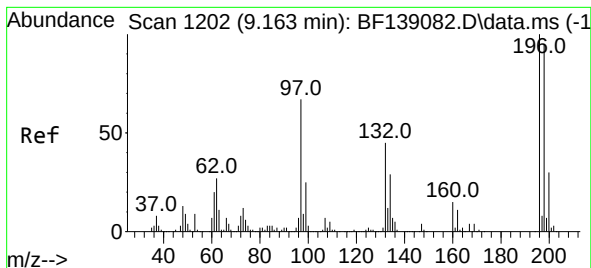


#42
2,4,6-Tribromophenol
Concen: 165.484 ng
RT: 10.727 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



Tgt Ion:330 Resp: 327576
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 33.9 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 49.515 ng

RT: 9.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

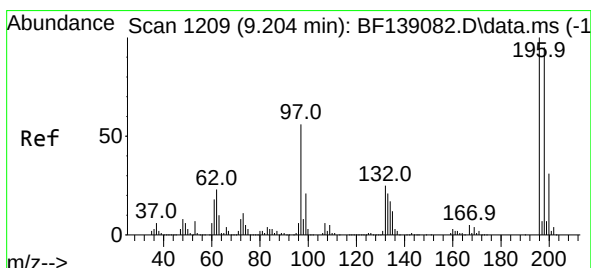
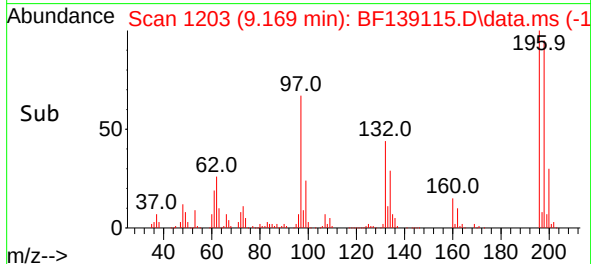
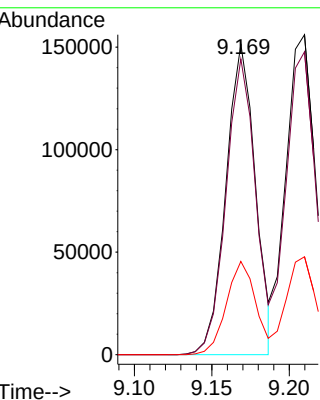
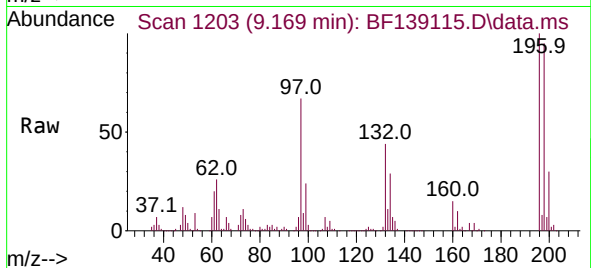
Tgt Ion:196 Resp: 200033

Ion Ratio Lower Upper

196 100

198 95.3 76.4 114.6

200 30.0 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 49.570 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Tgt Ion:196 Resp: 205552

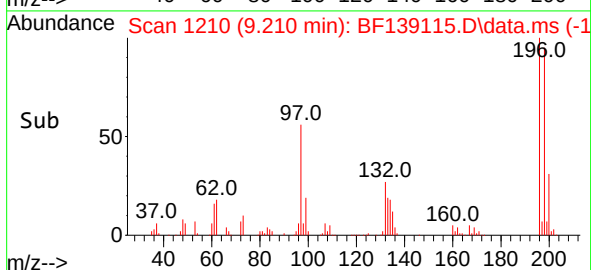
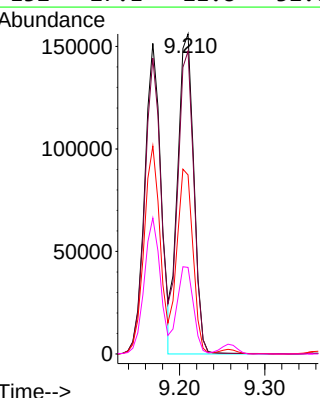
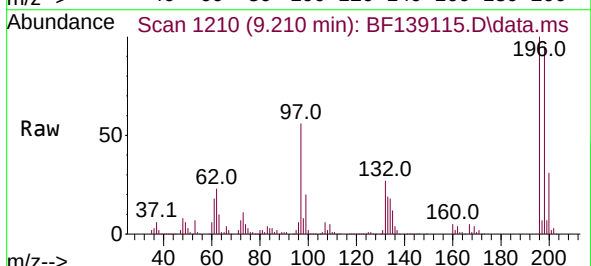
Ion Ratio Lower Upper

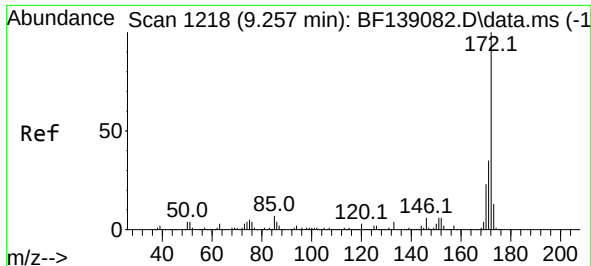
196 100

198 94.6 76.6 114.8

97 55.9 44.6 67.0

132 27.1 21.8 32.6

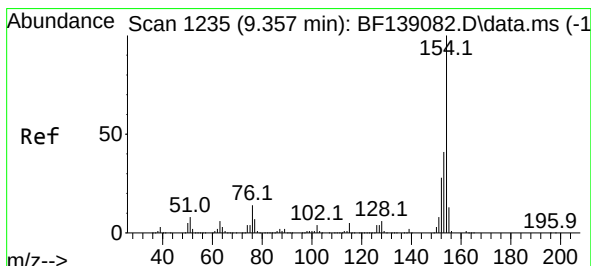
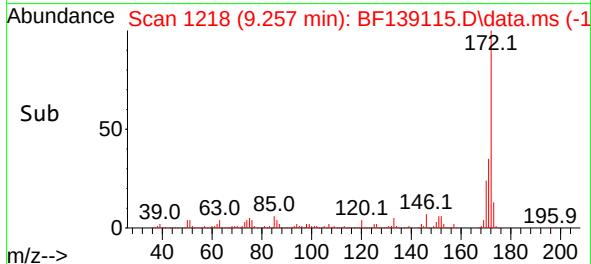
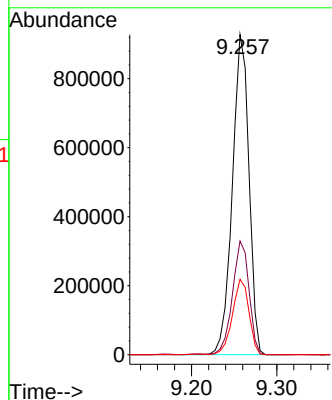
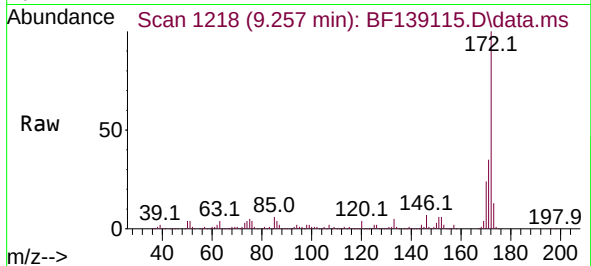




#45
2-Fluorobiphenyl
Concen: 90.967 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

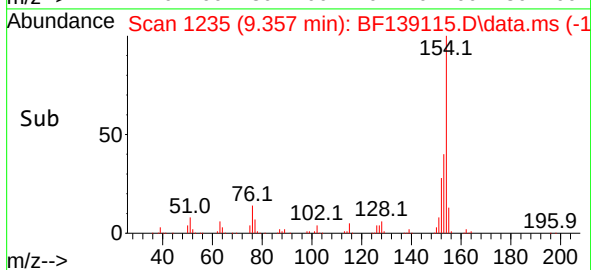
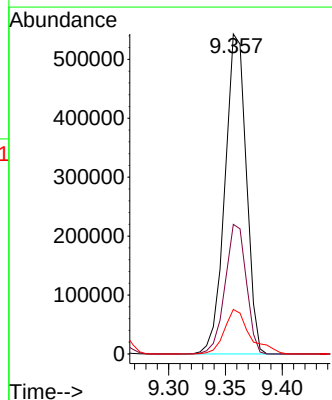
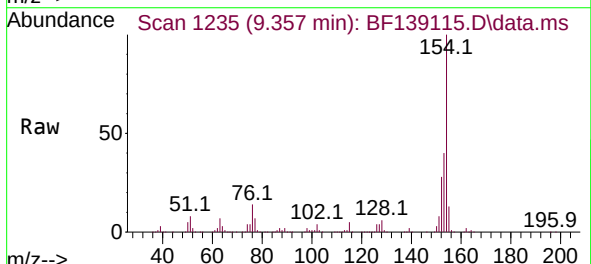
Instrument :
BNA_F
ClientSampleId :
PB162687BS

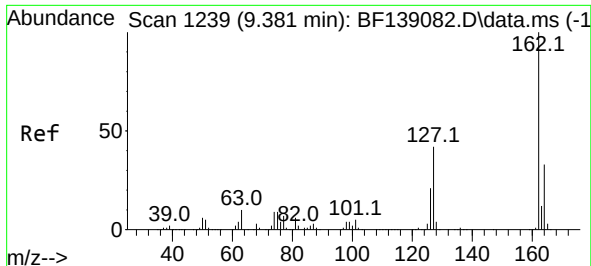
Tgt Ion:172 Resp: 1253676
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 47.435 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:154 Resp: 710519
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 13.9 0.0 33.6

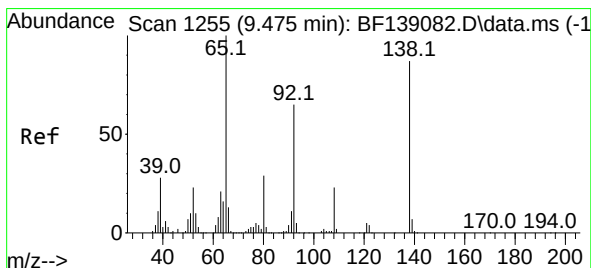
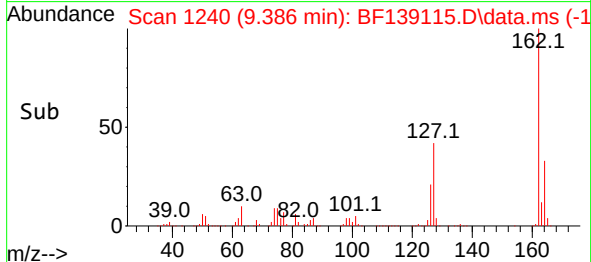
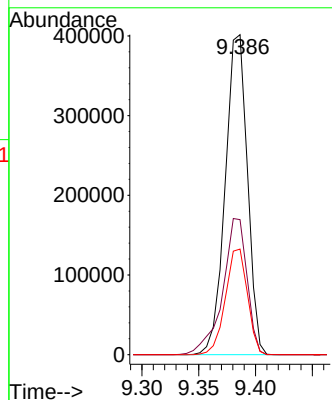
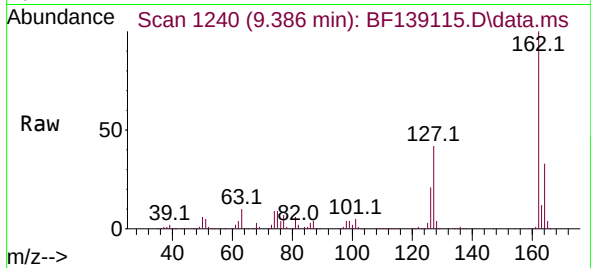




#47
2-Chloronaphthalene
Concen: 44.852 ng
RT: 9.386 min Scan# 1239
Delta R.T. 0.005 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

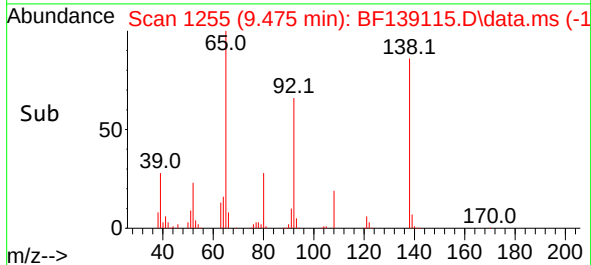
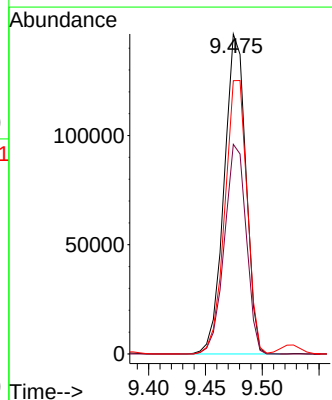
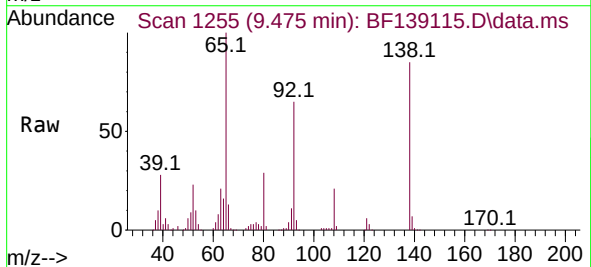
Instrument :
BNA_F
ClientSampleId :
PB162687BS

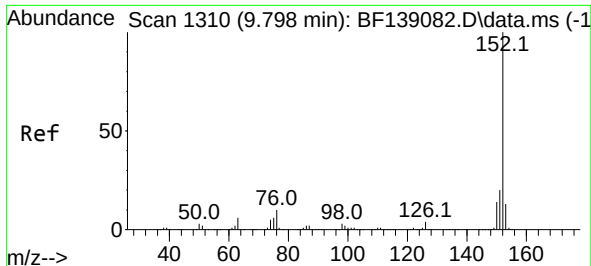
Tgt Ion:162 Resp: 545876
Ion Ratio Lower Upper
162 100
127 42.2 33.8 50.6
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 55.016 ng
RT: 9.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion: 65 Resp: 195179
Ion Ratio Lower Upper
65 100
92 65.5 52.4 78.6
138 85.4 69.4 104.0

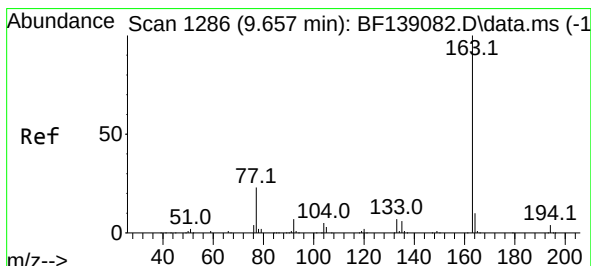
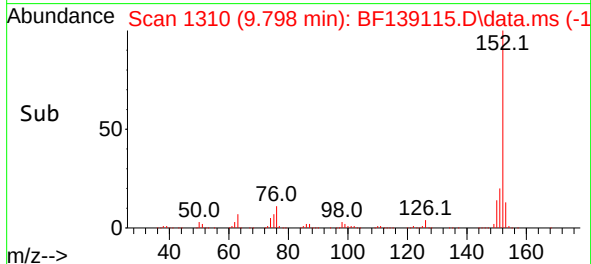
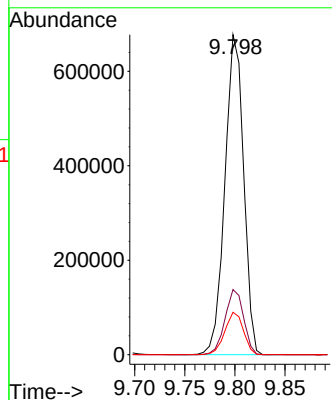
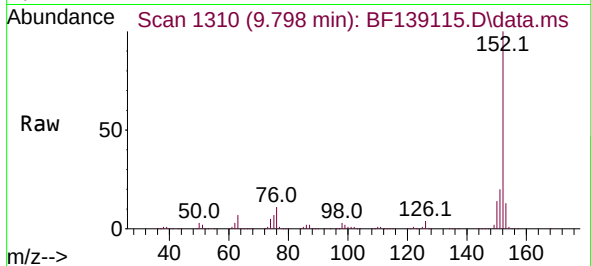




#49
Acenaphthylene
Concen: 50.359 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

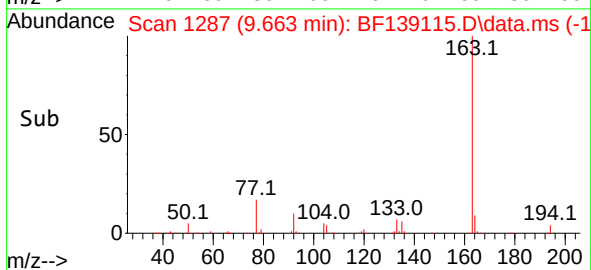
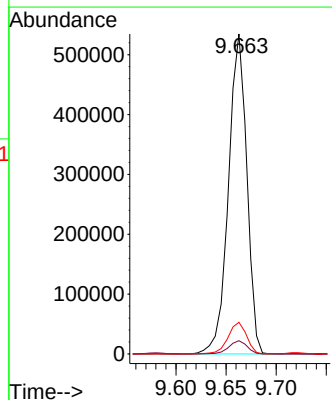
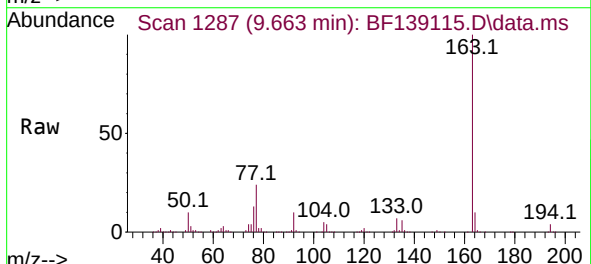
Instrument :
BNA_F
ClientSampleId :
PB162687BS

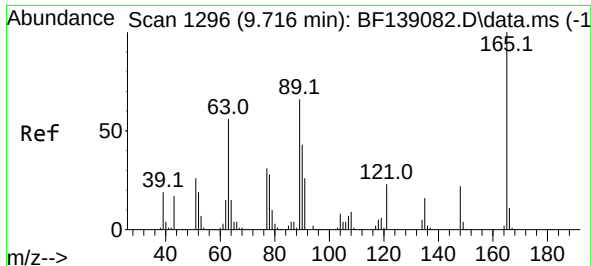
Tgt Ion:152 Resp: 877994
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 50.339 ng
RT: 9.663 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:163 Resp: 679541
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.2 12.2

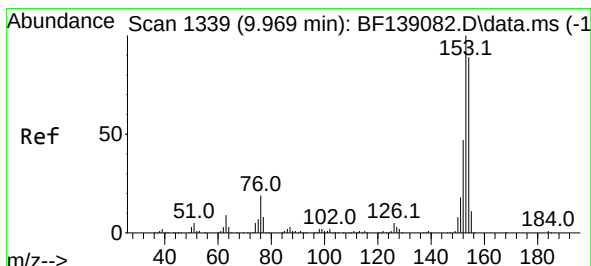
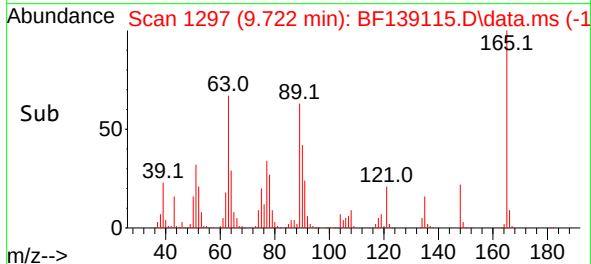
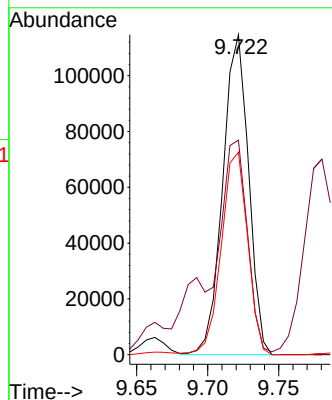
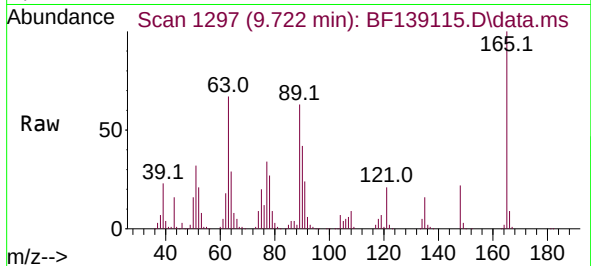




#51
2,6-Dinitrotoluene
Concen: 53.011 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

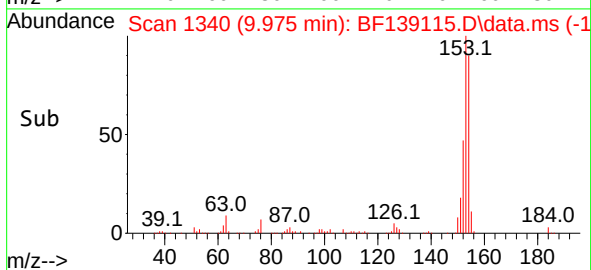
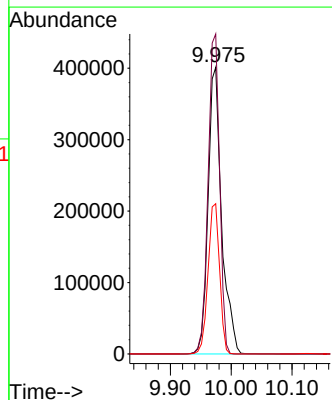
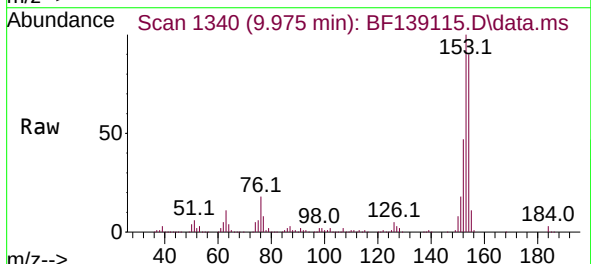
Instrument :
BNA_F
ClientSampleId :
PB162687BS

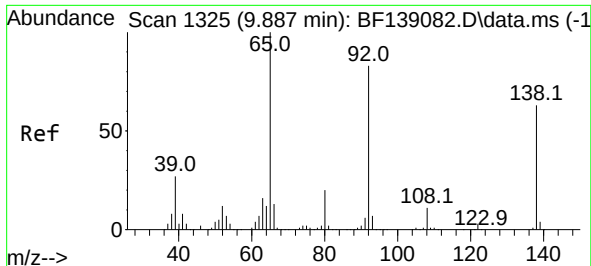
Tgt Ion:165 Resp: 144946
Ion Ratio Lower Upper
165 100
63 67.1 58.0 87.0
89 63.3 53.3 79.9



#52
Acenaphthene
Concen: 53.965 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:154 Resp: 621493
Ion Ratio Lower Upper
154 100
153 111.7 89.7 134.5
152 52.4 42.3 63.5

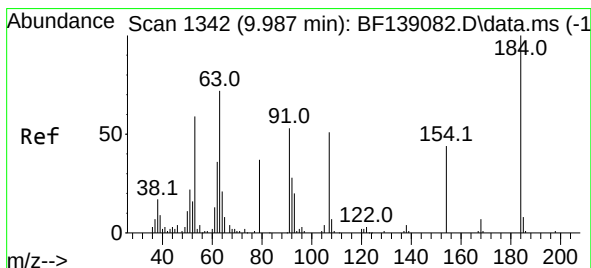
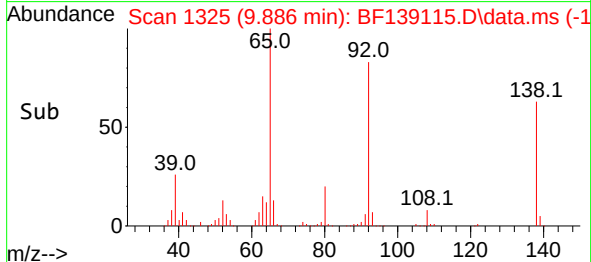
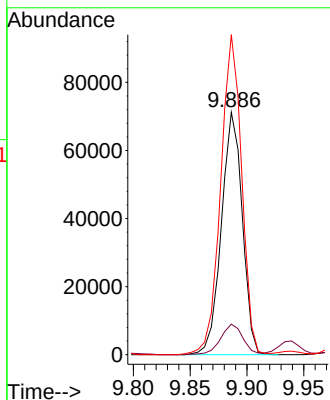
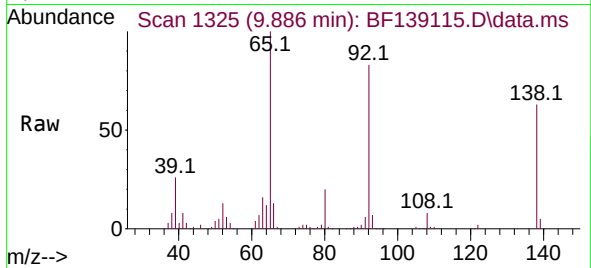




#53
3-Nitroaniline
Concen: 34.510 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

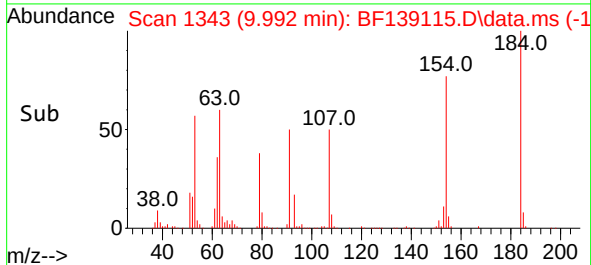
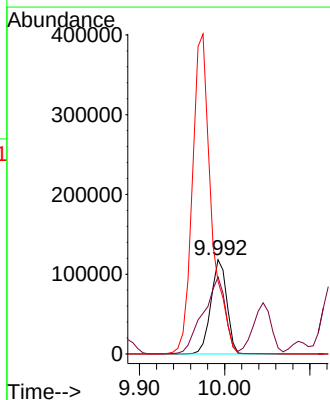
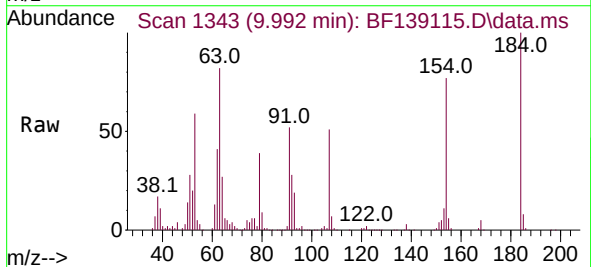
Instrument :
BNA_F
ClientSampleId :
PB162687BS

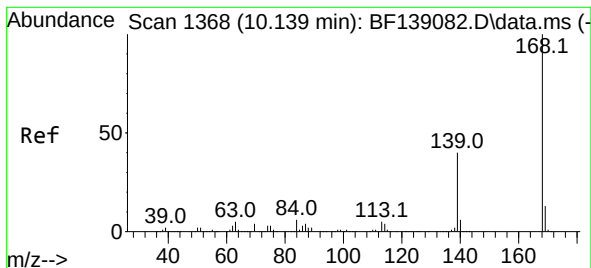
Tgt Ion:138 Resp: 91028
Ion Ratio Lower Upper
138 100
108 12.6 14.6 21.8#
92 132.0 105.9 158.9



#54
2,4-Dinitrophenol
Concen: 107.507 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:184 Resp: 153288
Ion Ratio Lower Upper
184 100
63 81.7 70.5 105.7
154 76.9 135.0 202.6#





#55

Dibenzenofuran

Concen: 48.434 ng

RT: 10.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

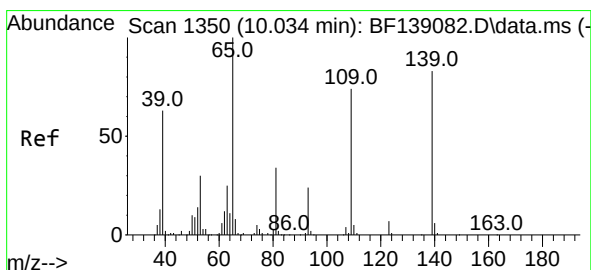
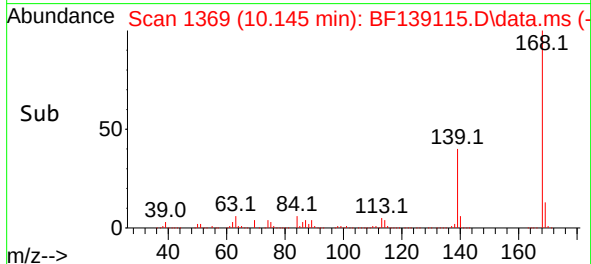
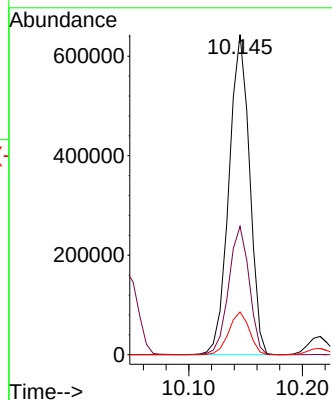
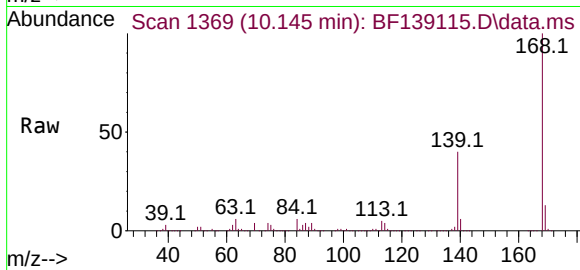
Tgt Ion:168 Resp: 810191

Ion Ratio Lower Upper

168 100

139 40.1 31.6 47.4

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 120.684 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.011 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

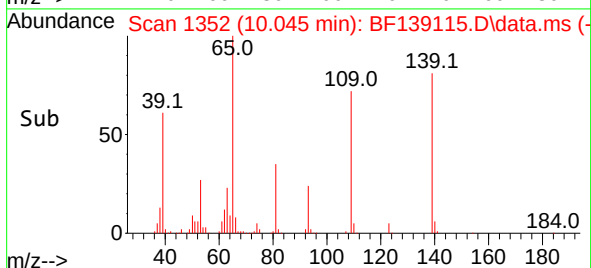
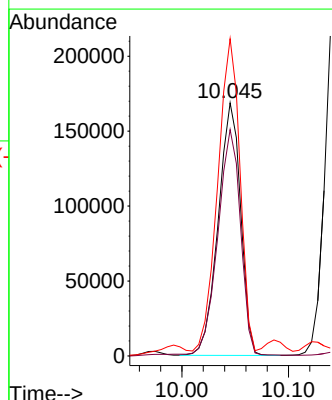
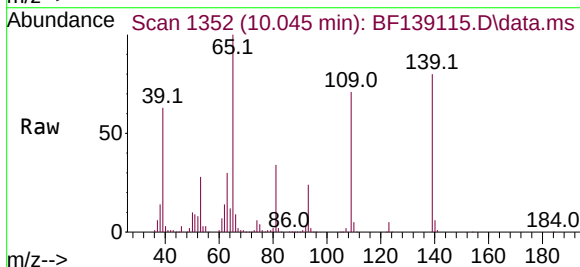
Tgt Ion:139 Resp: 246256

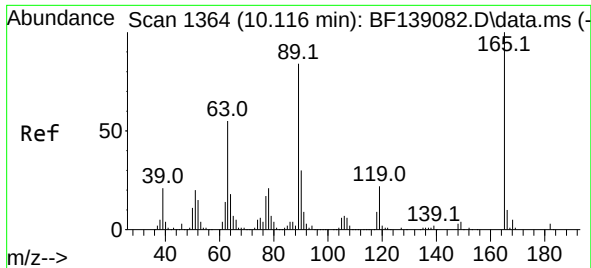
Ion Ratio Lower Upper

139 100

109 89.5 68.8 108.8

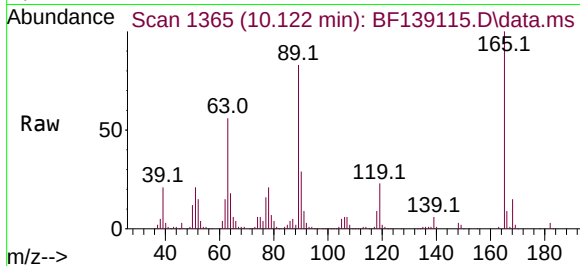
65 125.4 101.3 141.3



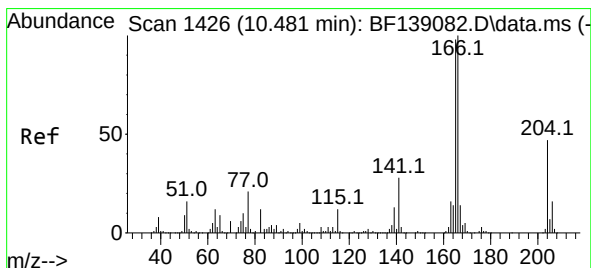
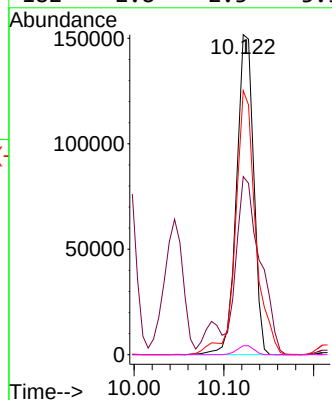
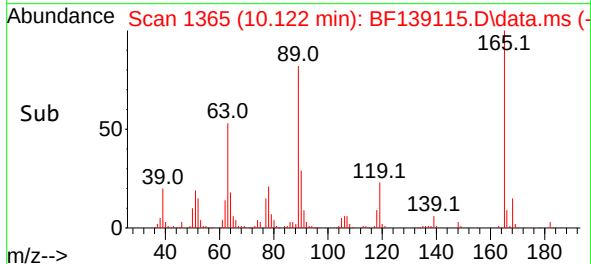


#57
2,4-Dinitrotoluene
Concen: 58.103 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

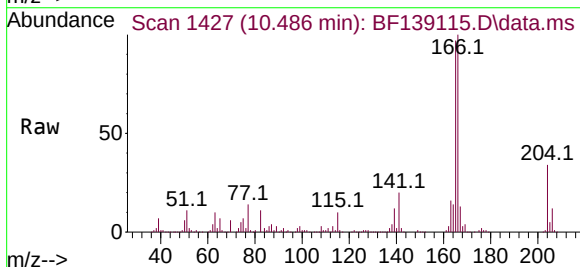
Instrument :
BNA_F
ClientSampleId :
PB162687BS



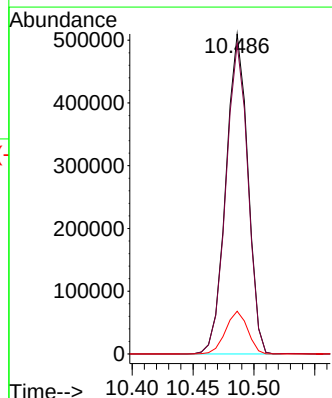
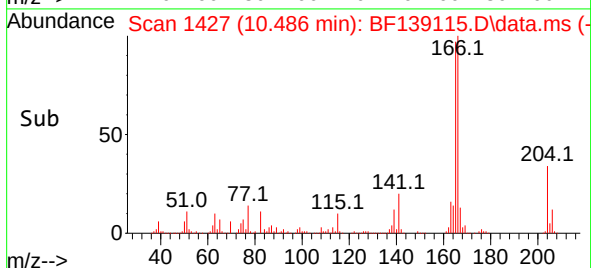
Tgt Ion:165 Resp: 201716
Ion Ratio Lower Upper
165 100
63 55.6 44.2 66.4
89 82.5 67.4 101.2
182 2.8 2.3 3.5

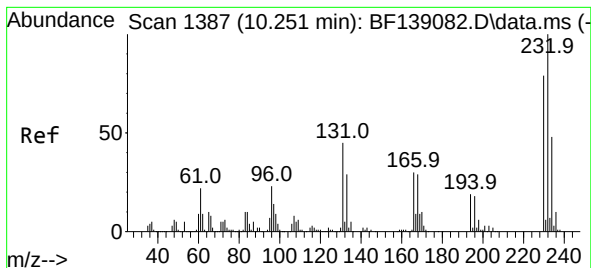


#58
Fluorene
Concen: 47.905 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



Tgt Ion:166 Resp: 640411
Ion Ratio Lower Upper
166 100
165 97.0 78.0 117.0
167 13.4 11.0 16.4

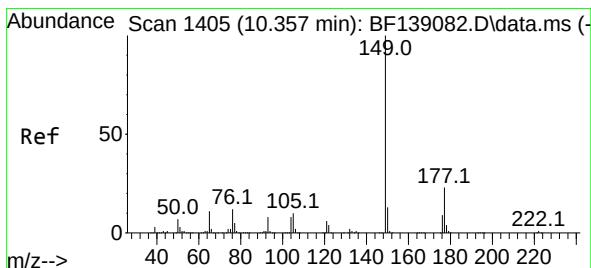
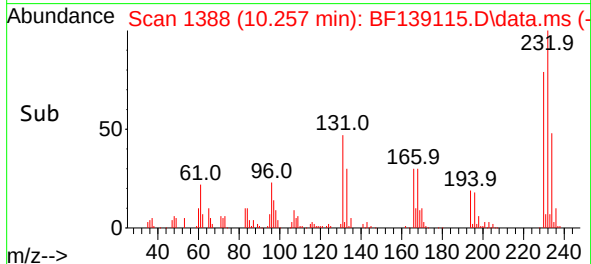
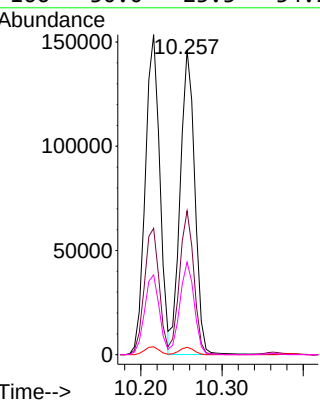
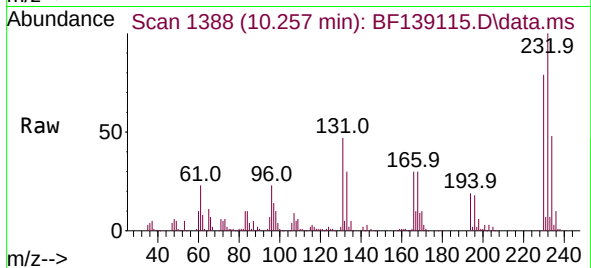




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.781 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

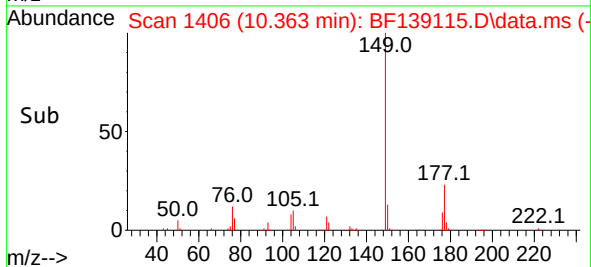
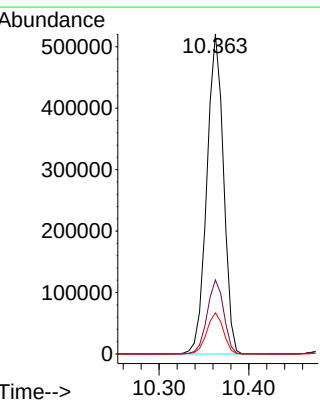
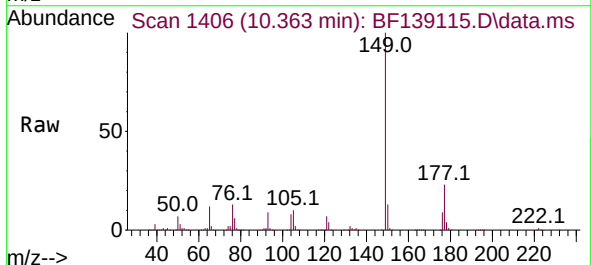
Instrument :
BNA_F
ClientSampleId :
PB162687BS

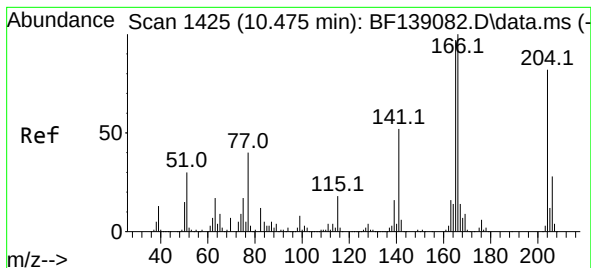
Tgt Ion:232 Resp: 182393
Ion Ratio Lower Upper
232 100
131 46.5 36.0 54.0
130 2.4 2.0 3.0
166 30.0 23.3 34.9



#60
Diethylphthalate
Concen: 50.161 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:149 Resp: 670922
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.9 10.2 15.2

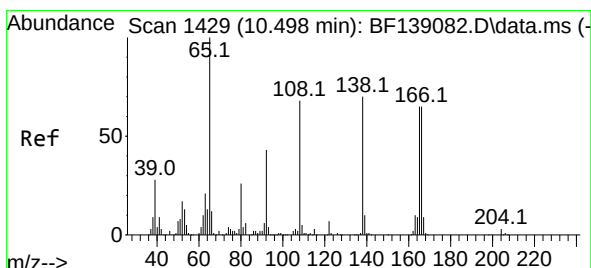
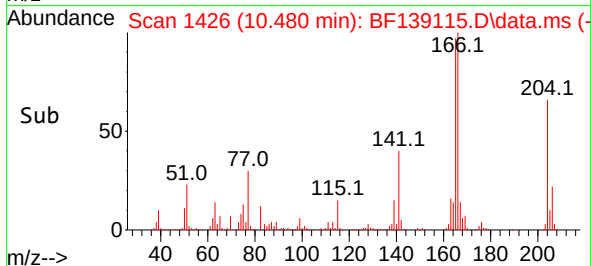
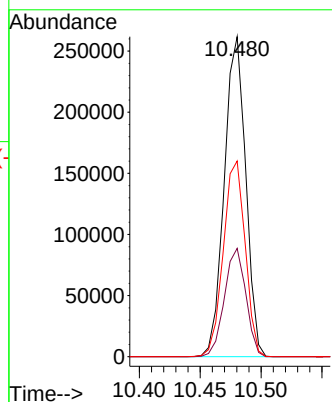
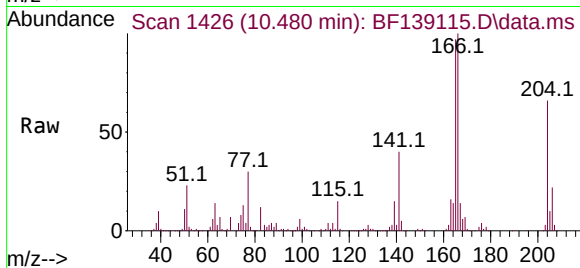




#61
4-Chlorophenyl-phenylether
Concen: 48.105 ng
RT: 10.480 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

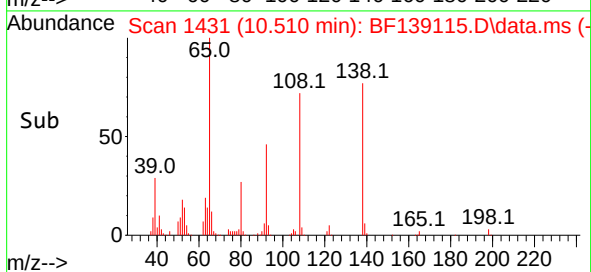
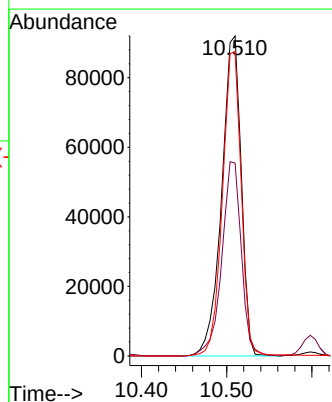
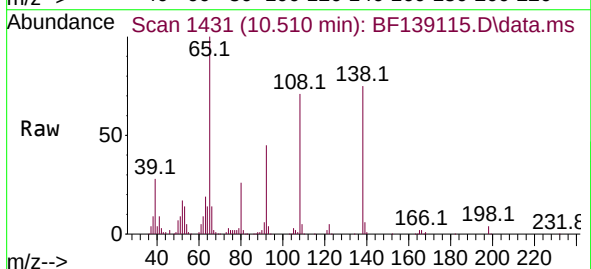
Instrument :
BNA_F
ClientSampleId :
PB162687BS

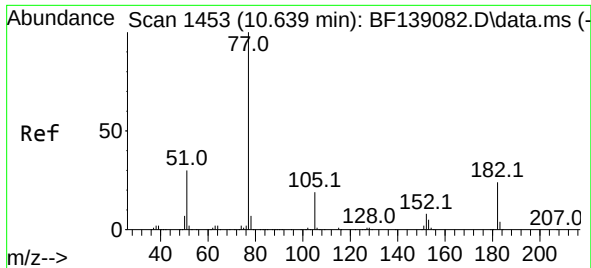
Tgt Ion:204 Resp: 321178
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 61.2 50.9 76.3



#62
4-Nitroaniline
Concen: 52.498 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:138 Resp: 146505
Ion Ratio Lower Upper
138 100
92 60.3 41.4 81.4
108 95.0 76.8 116.8

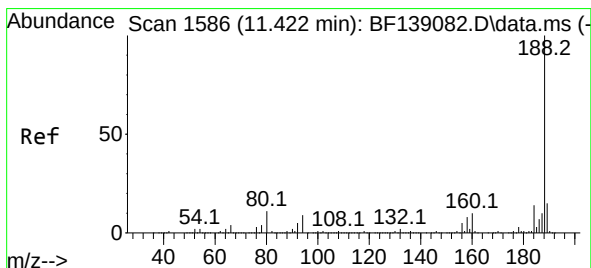
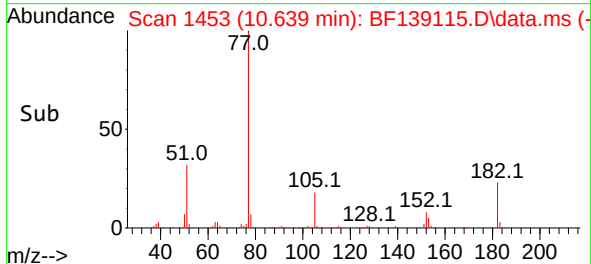
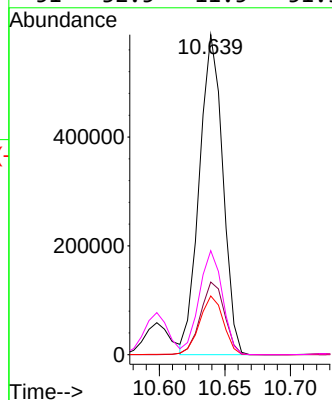
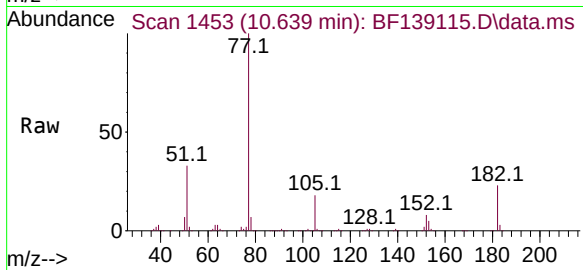




#63
Azobenzene
Concen: 49.269 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

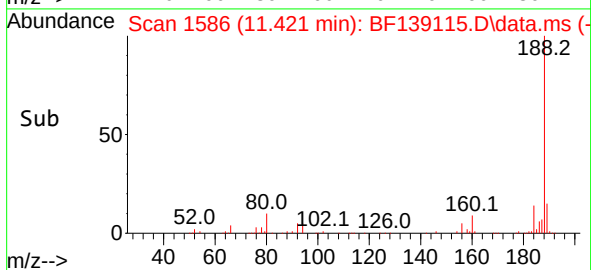
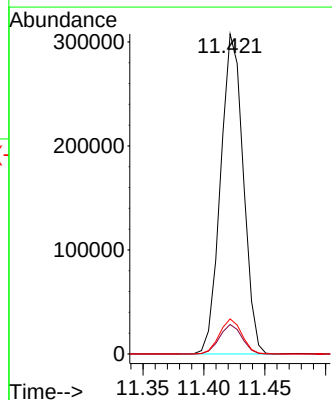
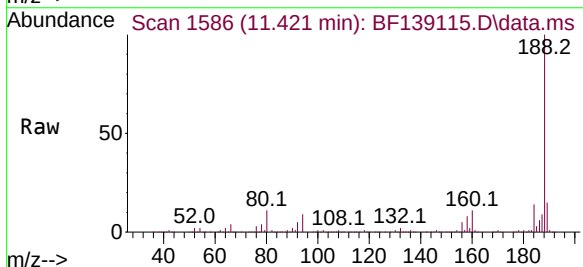
Instrument :
BNA_F
ClientSampleId :
PB162687BS

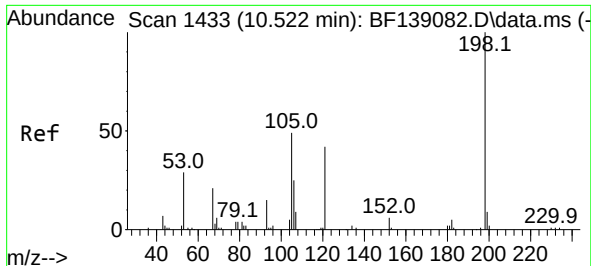
Tgt Ion: 77	Resp: 732331
Ion Ratio	Lower Upper
77 100	
182 22.7	4.0 44.0
105 18.4	0.0 39.1
51 32.5	11.5 51.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:188	Resp: 399434
Ion Ratio	Lower Upper
188 100	
94 9.2	7.2 10.8
80 10.9	8.5 12.7

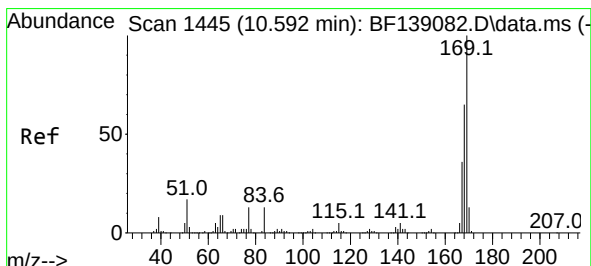
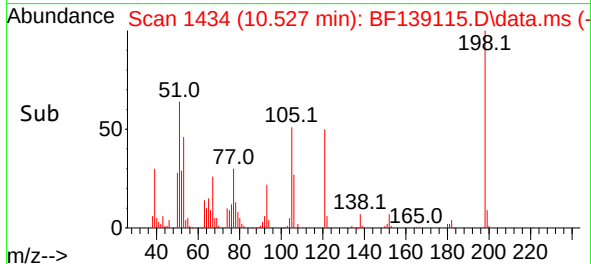
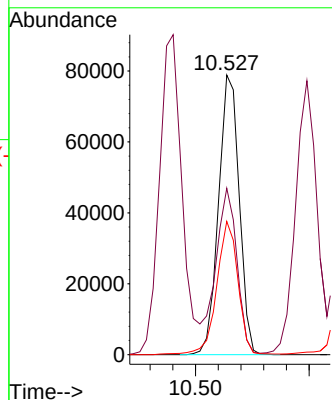
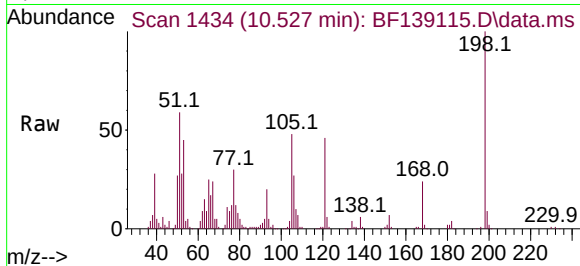




#65
4,6-Dinitro-2-methylphenol
Concen: 62.723 ng
RT: 10.527 min Scan# 1433
Delta R.T. 0.005 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

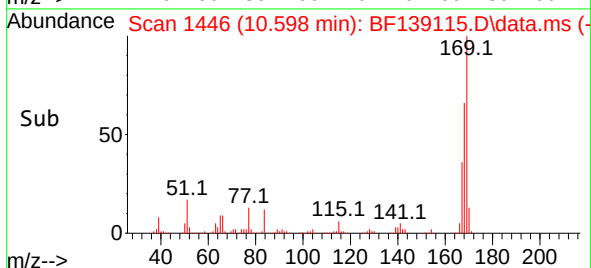
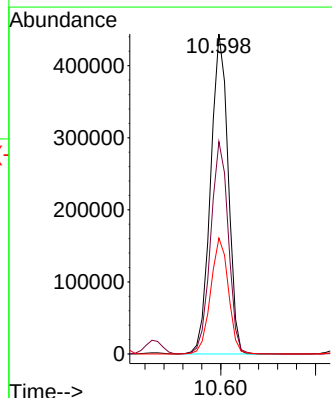
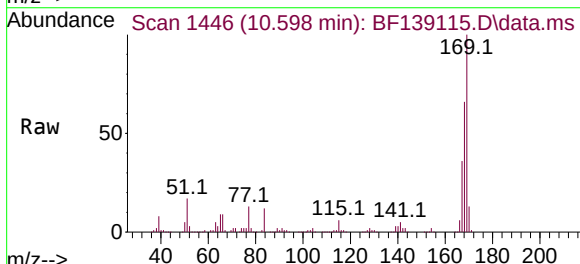
Instrument :
BNA_F
ClientSampleId :
PB162687BS

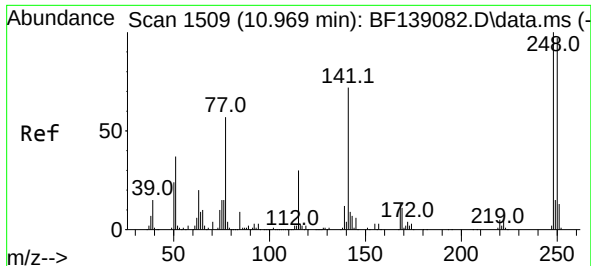
Tgt Ion:198 Resp: 99723
Ion Ratio Lower Upper
198 100
51 59.5 40.8 80.8
105 47.7 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 48.101 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:169 Resp: 568498
Ion Ratio Lower Upper
169 100
168 66.4 52.4 78.6
167 36.2 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 48.081 ng

RT: 10.969 min Scan# 1509

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

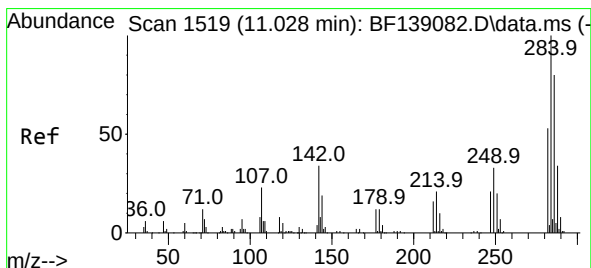
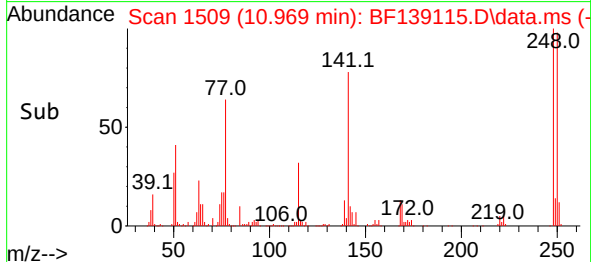
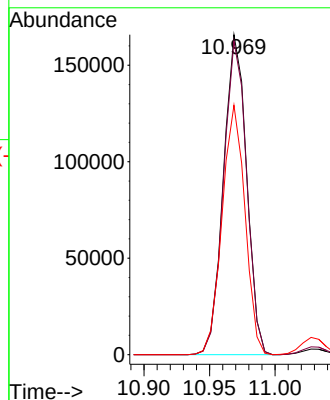
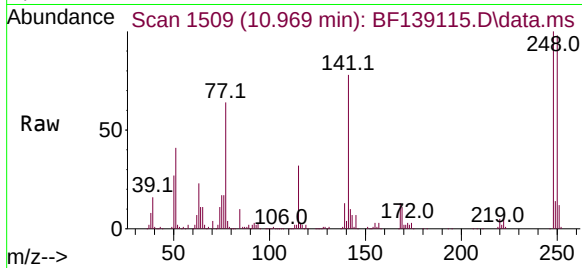
Tgt Ion:248 Resp: 203507

Ion Ratio Lower Upper

248 100

250 98.0 77.8 116.8

141 78.0 57.9 86.9



#68

Hexachlorobenzene

Concen: 47.883 ng

RT: 11.033 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

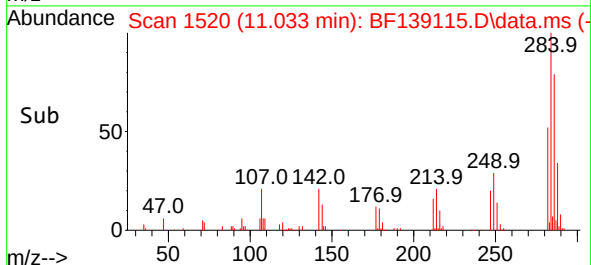
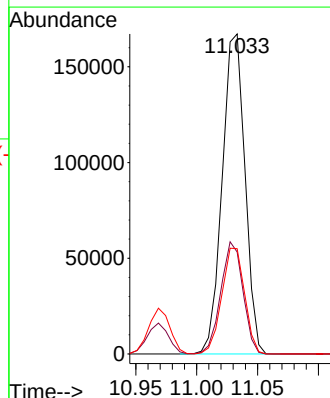
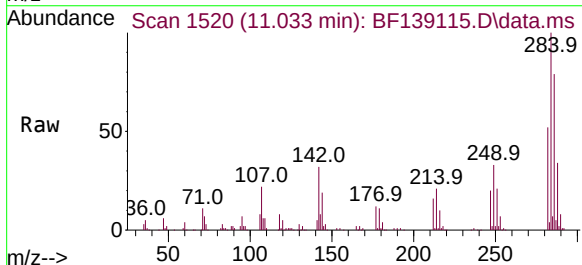
Tgt Ion:284 Resp: 217427

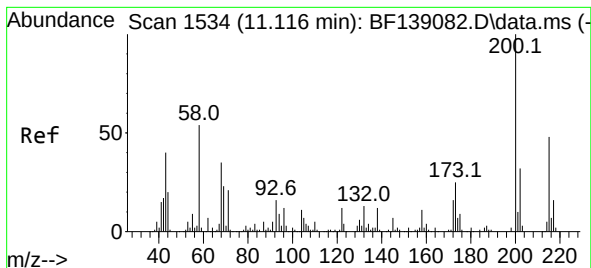
Ion Ratio Lower Upper

284 100

142 31.8 27.1 40.7

249 32.9 26.8 40.2





#69

Atrazine

Concen: 55.863 ng

RT: 11.127 min Scan# 1

Delta R.T. 0.011 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

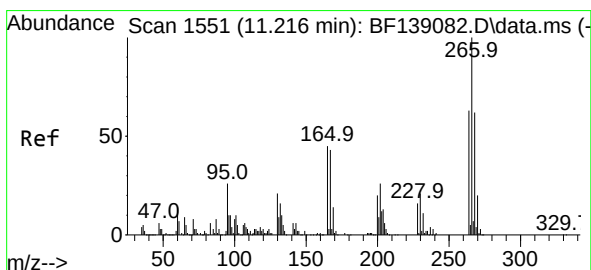
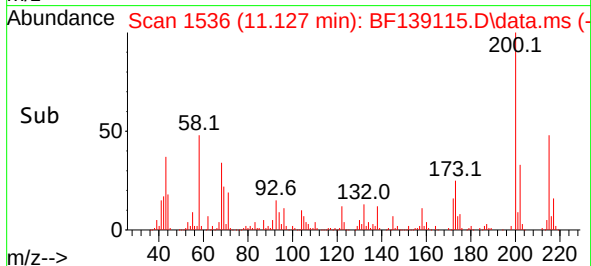
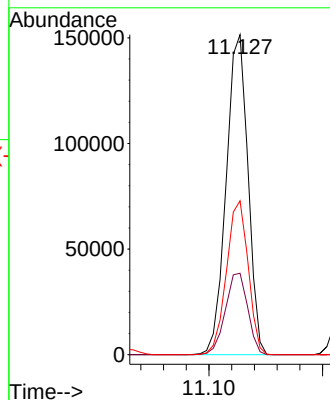
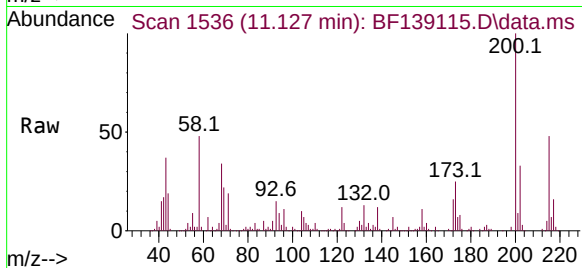
Tgt Ion:200 Resp: 201642

Ion Ratio Lower Upper

200 100

173 25.5 5.2 45.2

215 48.1 27.9 67.9



#70

Pentachlorophenol

Concen: 100.866 ng

RT: 11.221 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

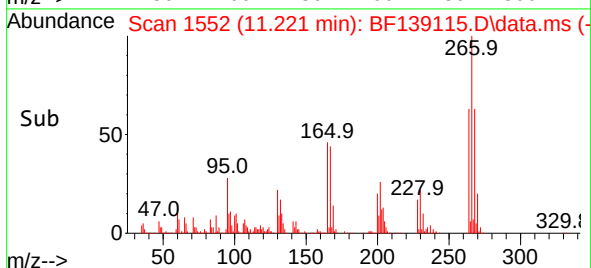
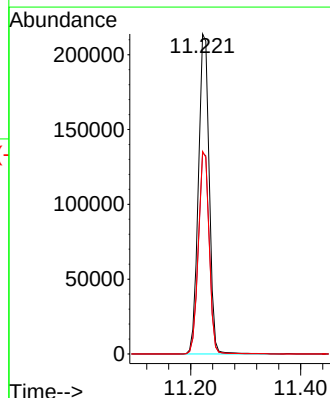
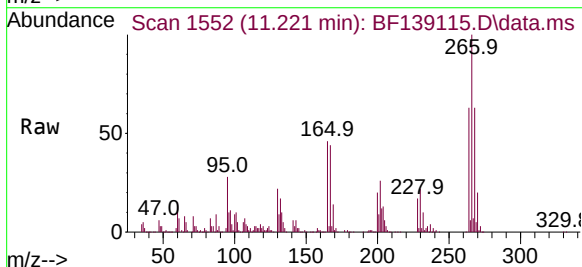
Tgt Ion:266 Resp: 292567

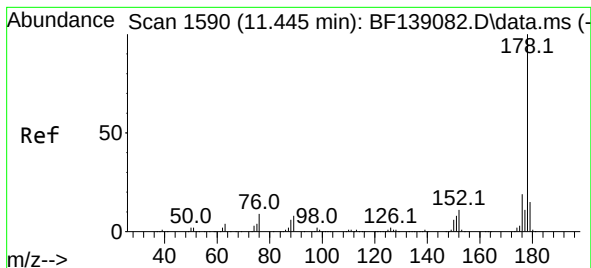
Ion Ratio Lower Upper

266 100

268 62.8 49.5 74.3

264 63.3 50.0 75.0





#71

Phenanthrene

Concen: 47.979 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

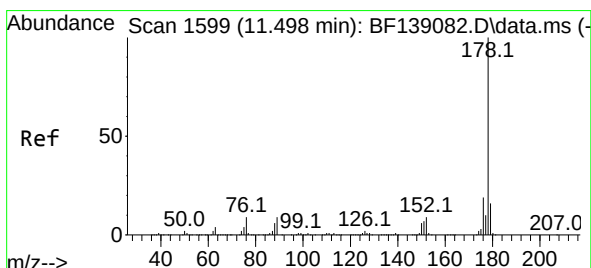
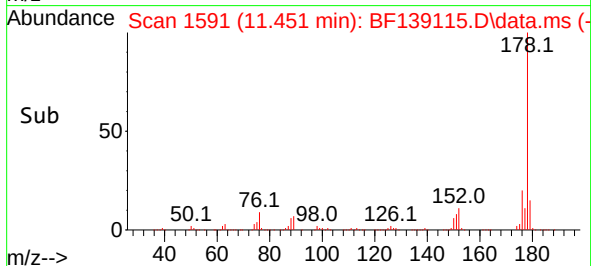
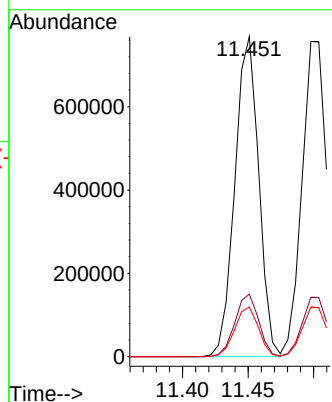
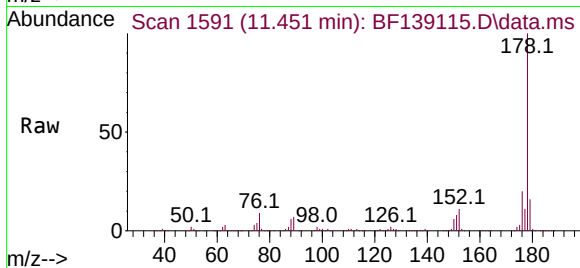
Tgt Ion:178 Resp: 974086

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 50.042 ng

RT: 11.498 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

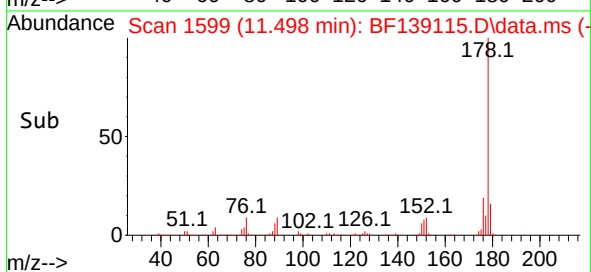
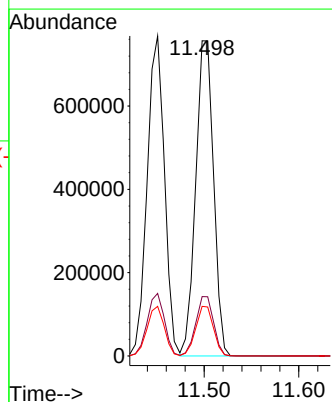
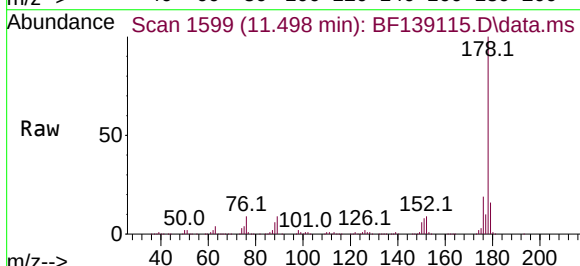
Tgt Ion:178 Resp: 993587

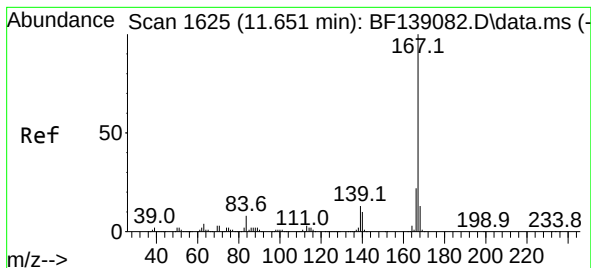
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.7 12.4 18.6





#73

Carbazole

Concen: 46.910 ng

RT: 11.651 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

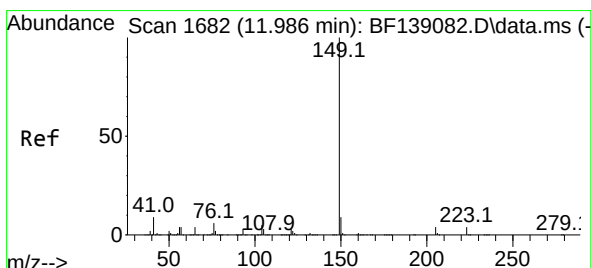
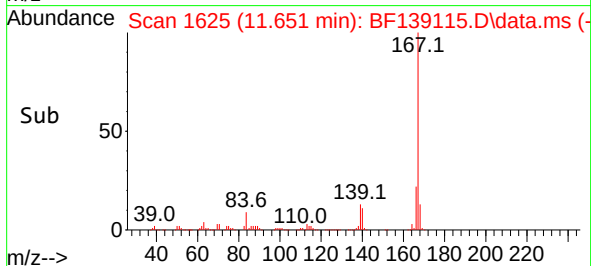
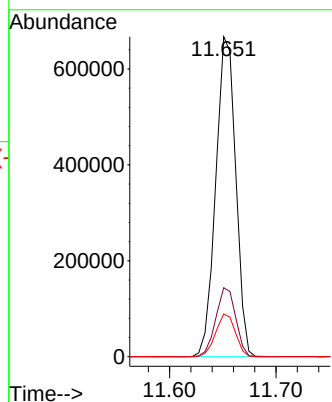
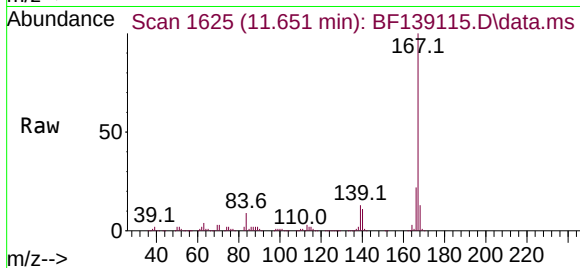
Tgt Ion:167 Resp: 869735

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 13.4 10.5 15.7



#74

Di-n-butylphthalate

Concen: 48.894 ng

RT: 11.986 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

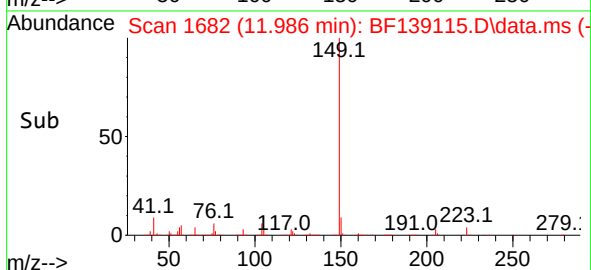
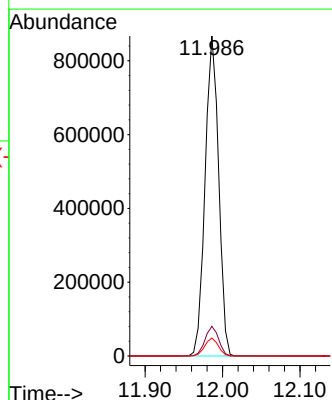
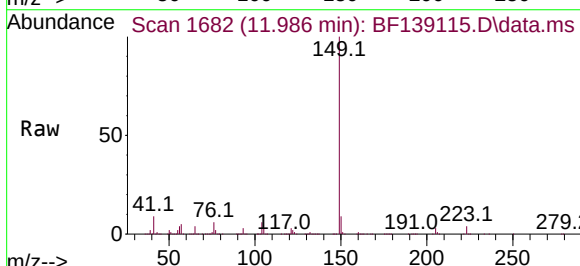
Tgt Ion:149 Resp: 1051130

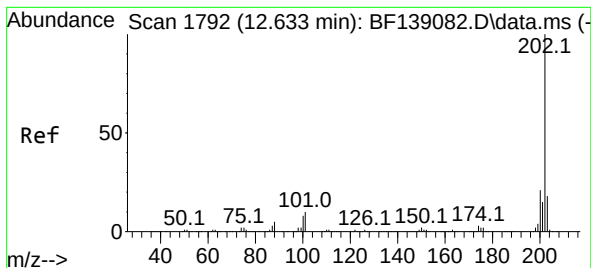
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 46.591 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

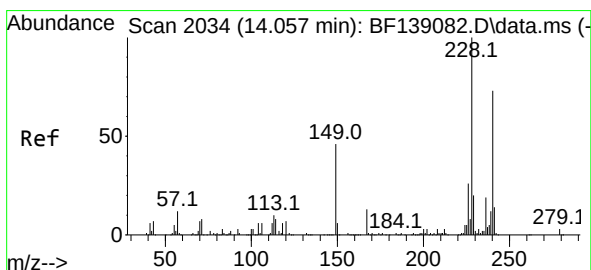
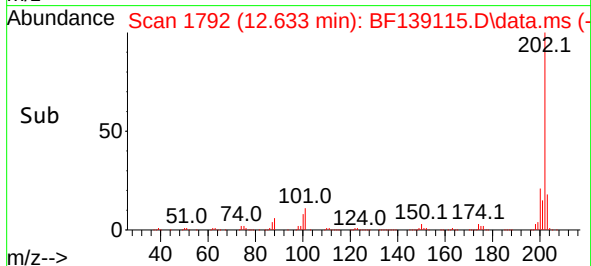
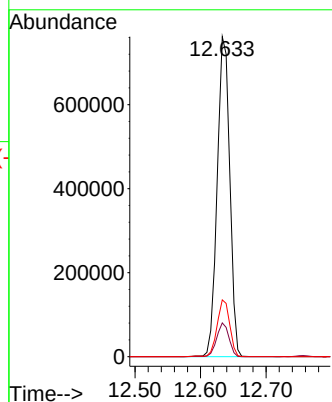
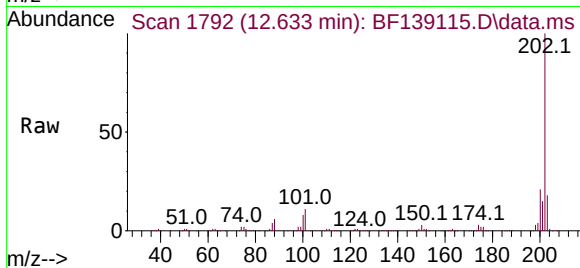
Tgt Ion:202 Resp: 1009599

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.2

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

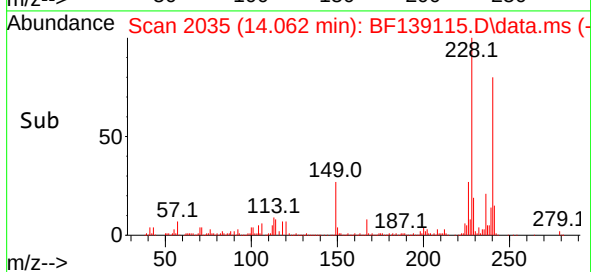
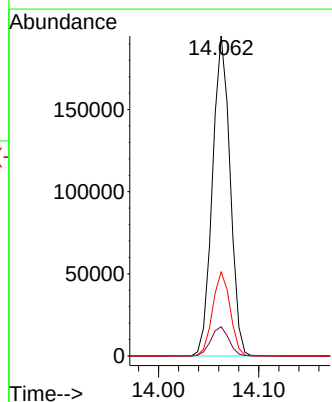
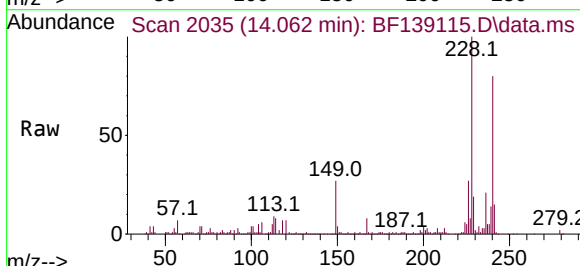
Tgt Ion:240 Resp: 238276

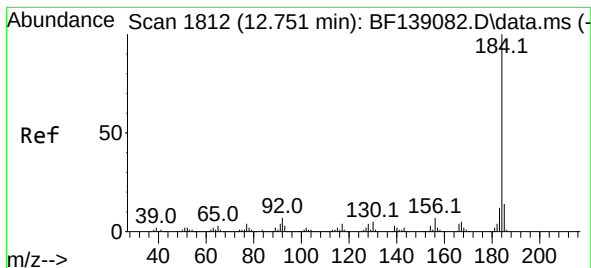
Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 26.3 20.9 31.3





#77

Benzidine

Concen: 77.194 ng

RT: 12.757 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

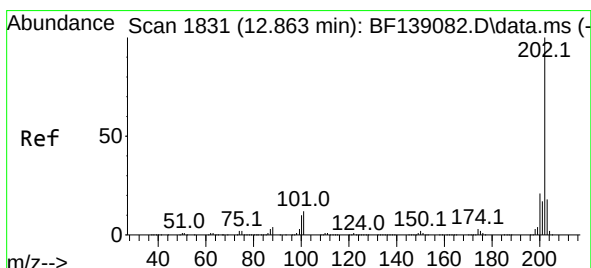
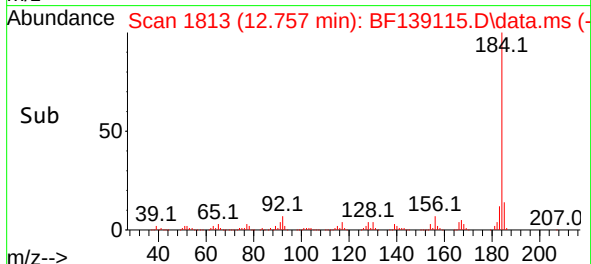
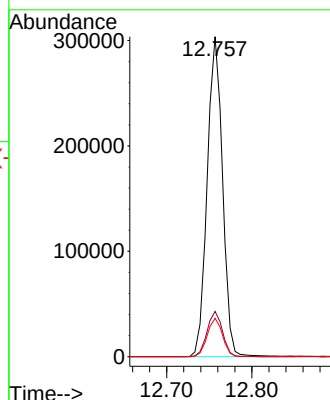
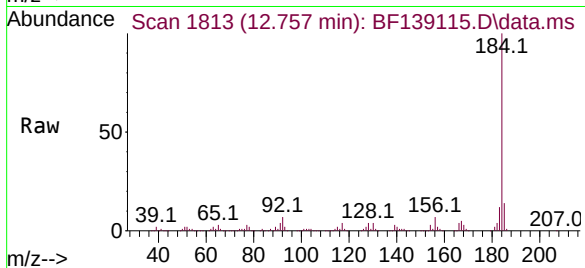
Tgt Ion:184 Resp: 379943

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 12.0 9.8 14.6



#78

Pyrene

Concen: 51.237 ng

RT: 12.863 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

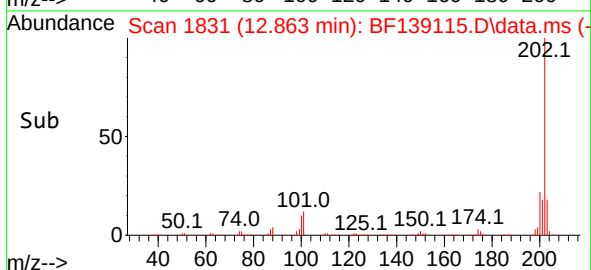
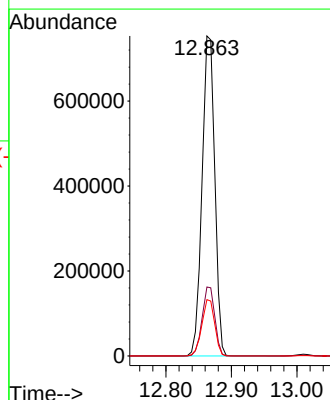
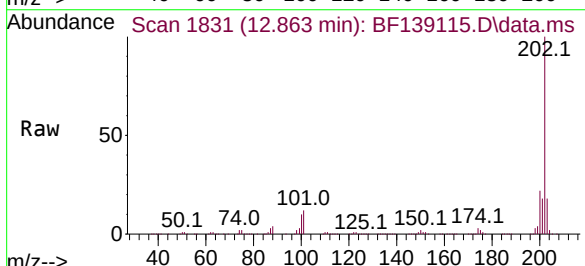
Tgt Ion:202 Resp: 1018817

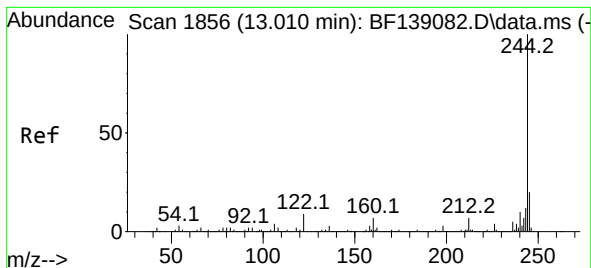
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 109.662 ng

RT: 13.010 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

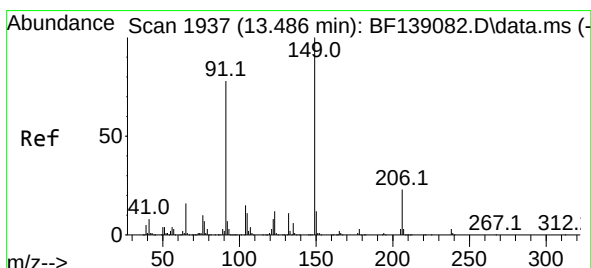
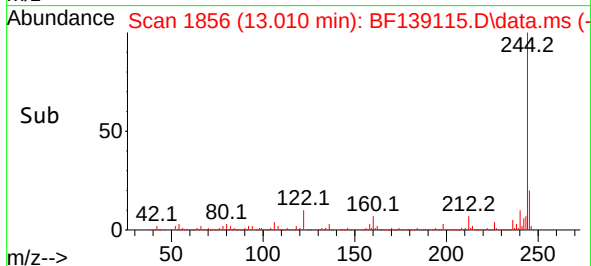
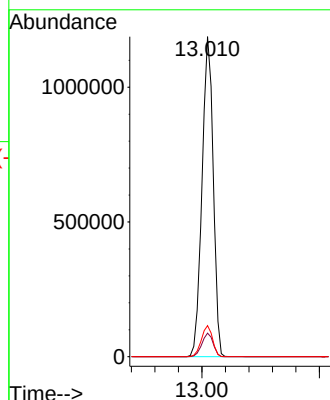
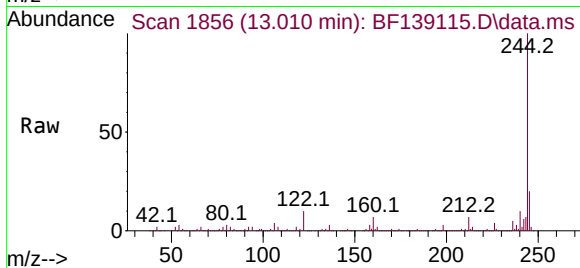
Tgt Ion:244 Resp: 1574760

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.7 7.6 11.4



#80

Butylbenzylphthalate

Concen: 56.989 ng

RT: 13.486 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

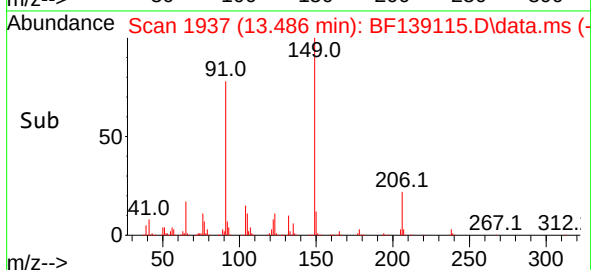
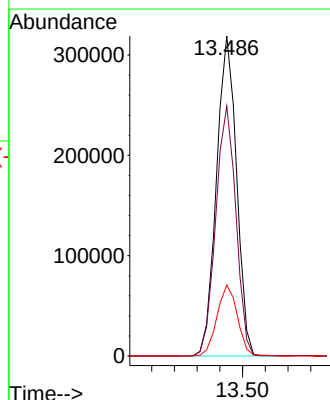
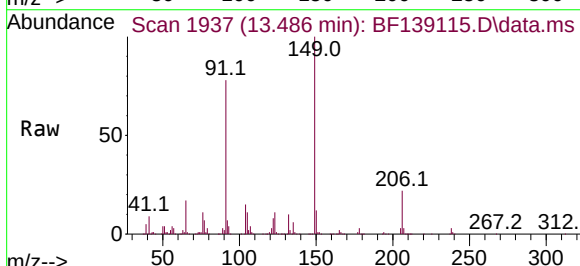
Tgt Ion:149 Resp: 392044

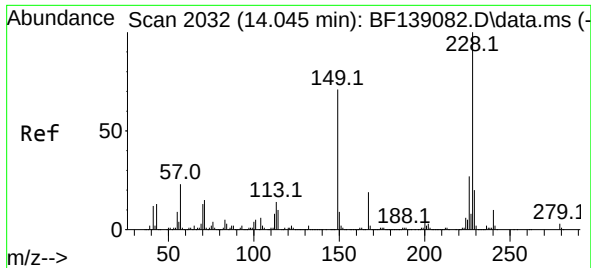
Ion Ratio Lower Upper

149 100

91 78.1 62.1 93.1

206 22.2 18.0 27.0

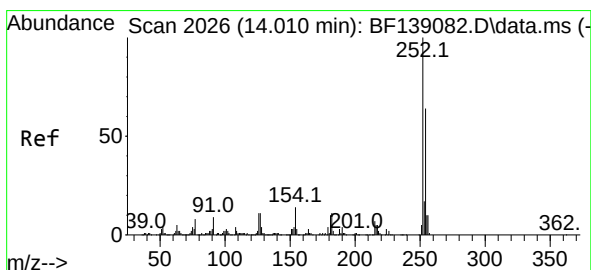
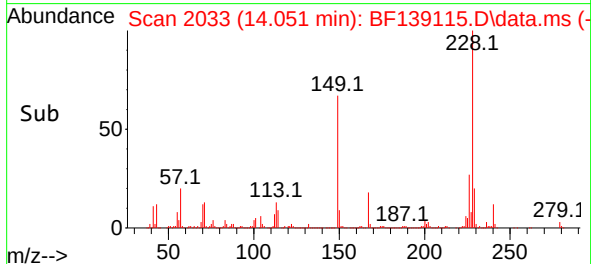
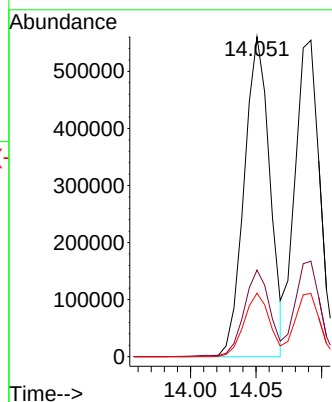
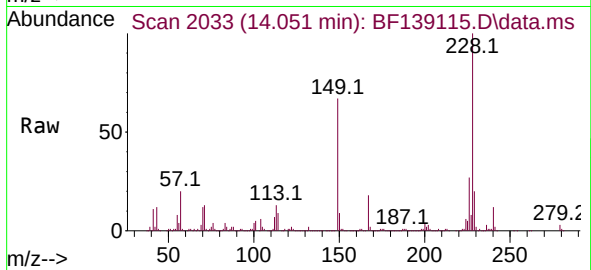




#81
Benzo(a)anthracene
Concen: 48.651 ng
RT: 14.051 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

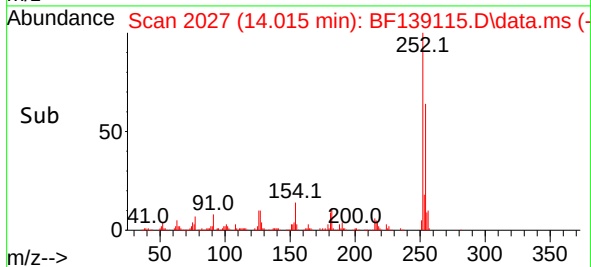
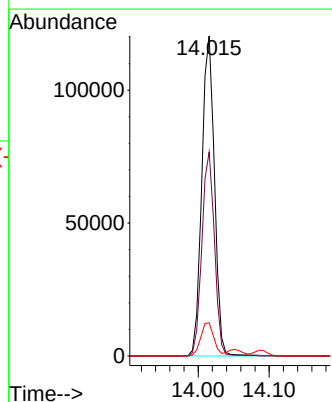
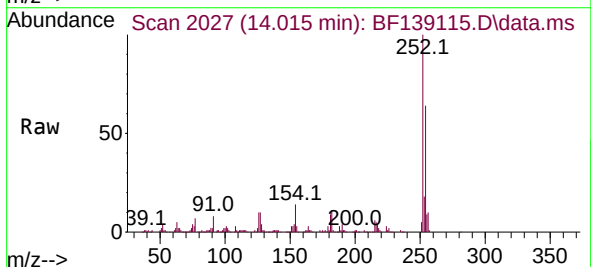
Instrument :
BNA_F
ClientSampleId :
PB162687BS

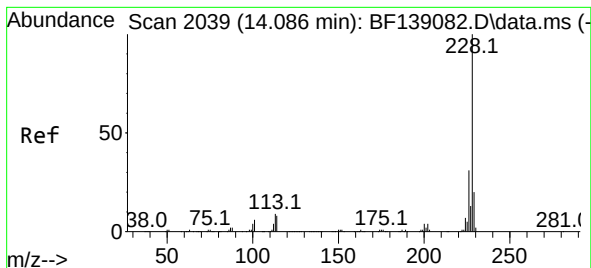
Tgt Ion:228 Resp: 762028
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 34.203 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:252 Resp: 149750
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.0
126 10.4 8.6 12.8





#83

Chrysene

Concen: 50.828 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

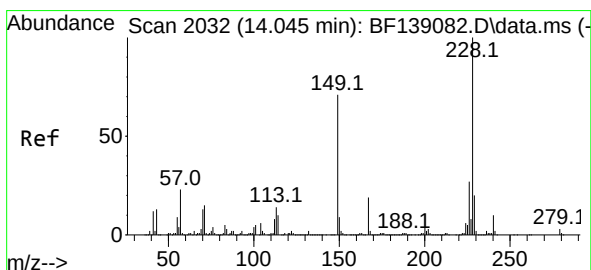
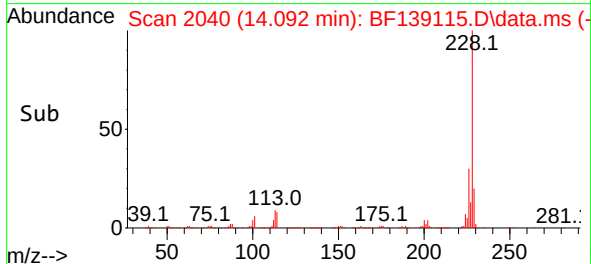
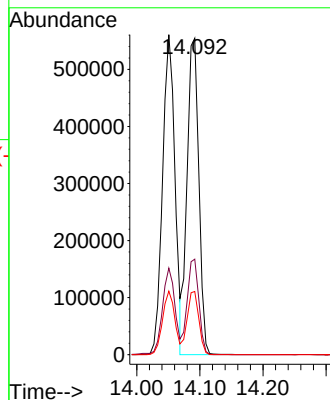
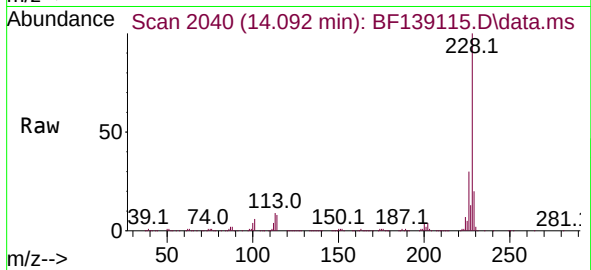
Tgt Ion:228 Resp: 721616

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.290 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

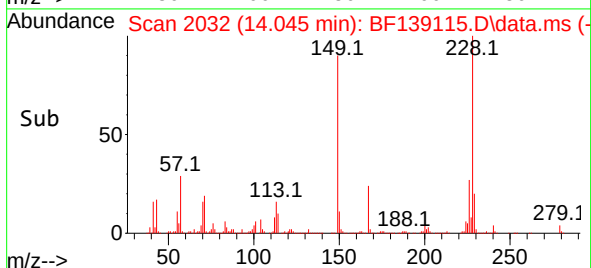
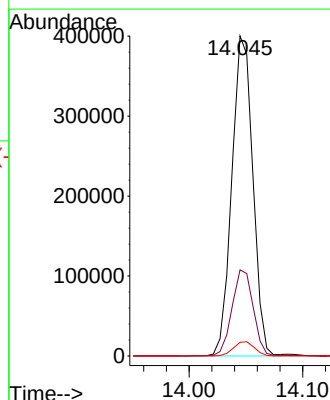
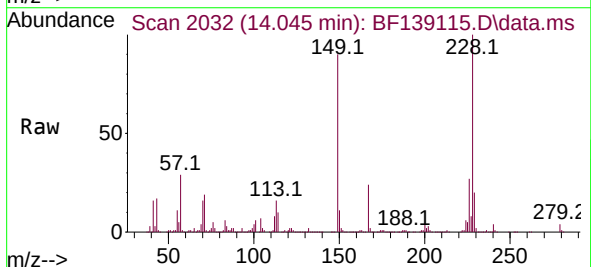
Tgt Ion:149 Resp: 513359

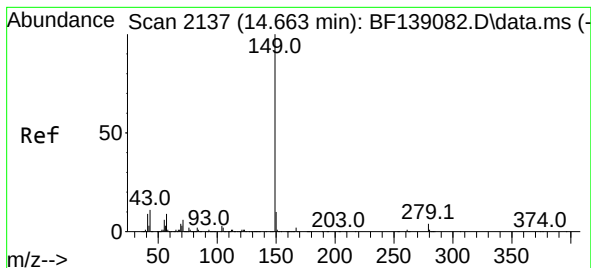
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 57.657 ng

RT: 14.662 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

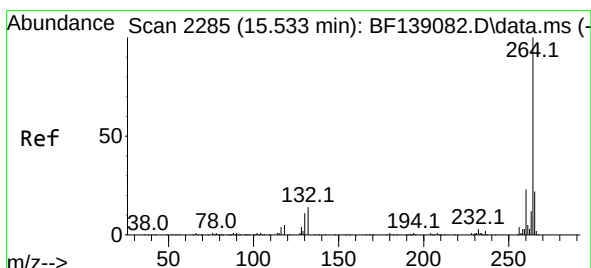
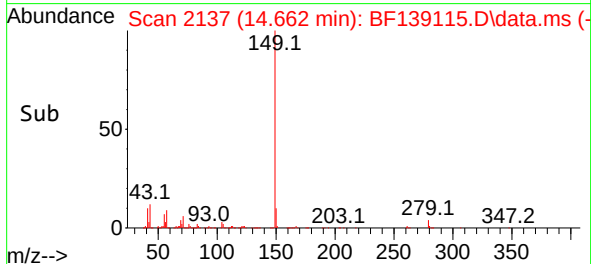
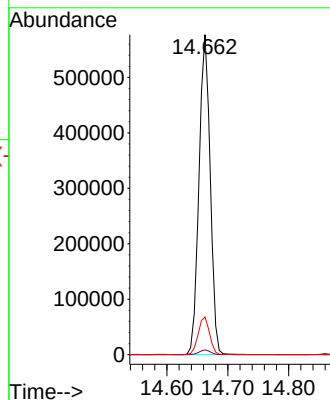
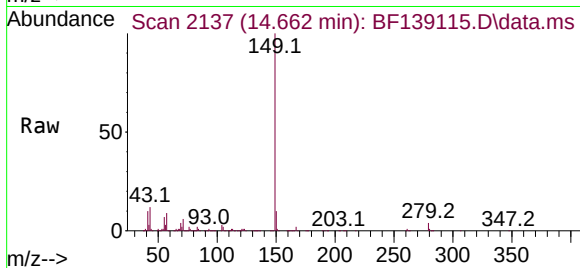
Tgt Ion:149 Resp: 738010

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.9 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

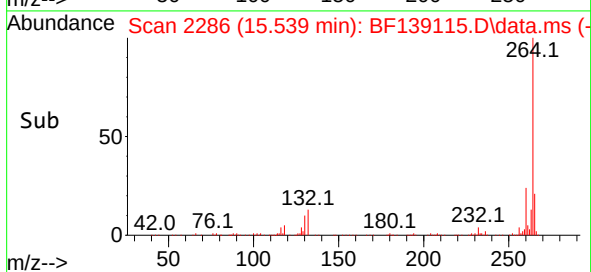
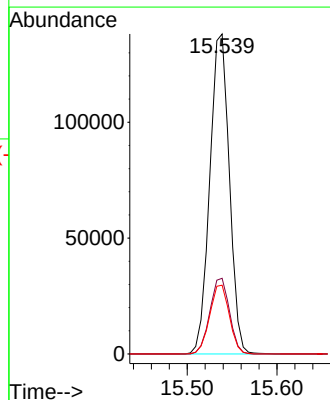
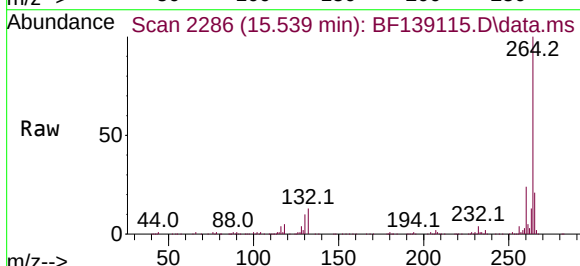
Tgt Ion:264 Resp: 208759

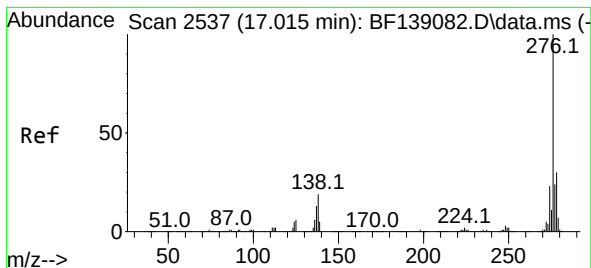
Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.461 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

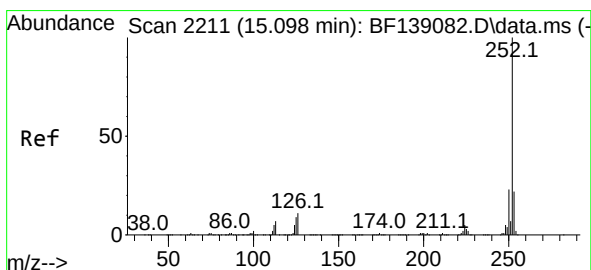
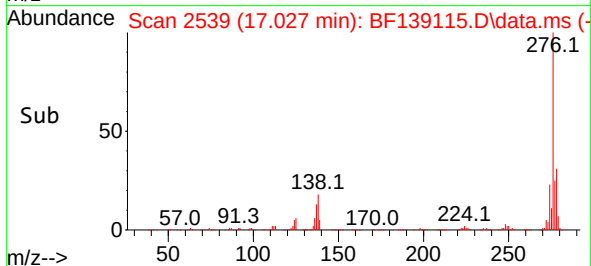
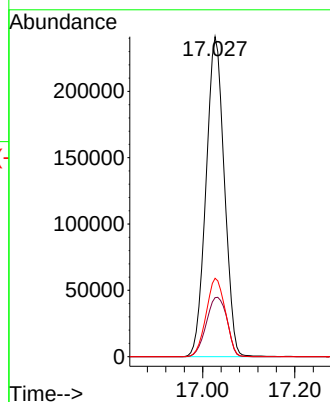
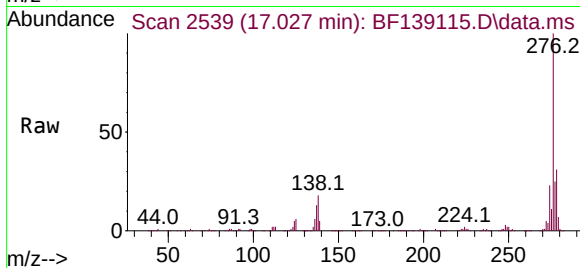
Tgt Ion:276 Resp: 665388

Ion Ratio Lower Upper

276 100

138 21.1 17.3 25.9

277 25.7 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 47.752 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

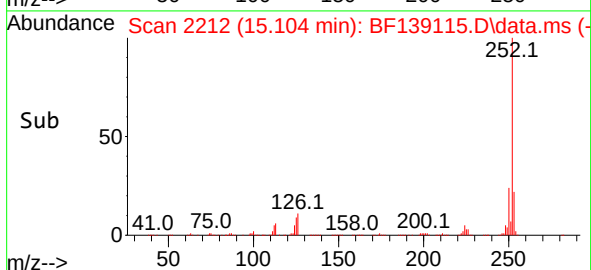
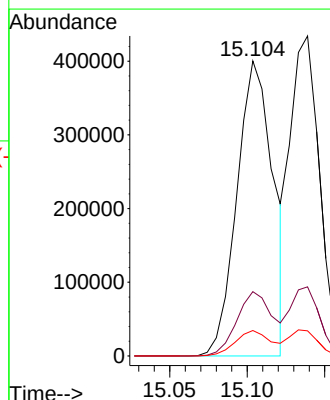
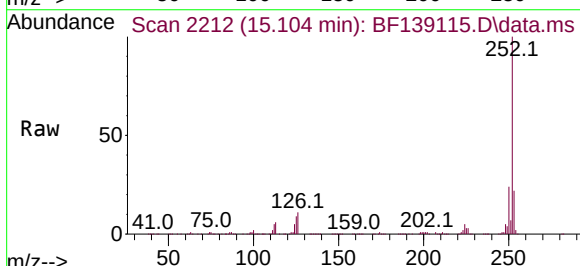
Tgt Ion:252 Resp: 649898

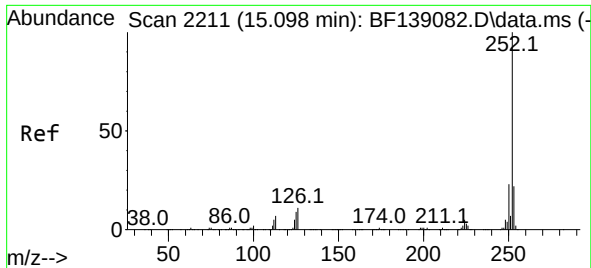
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.6 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 50.179 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

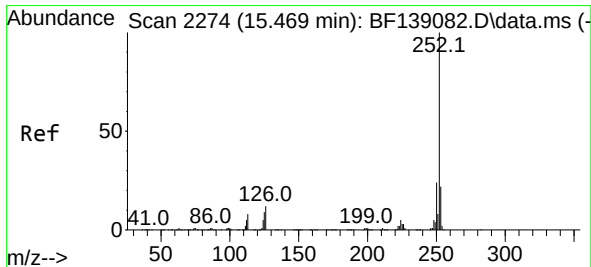
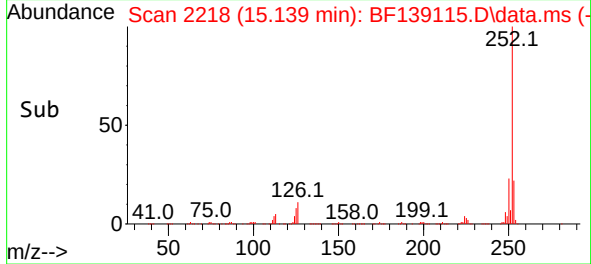
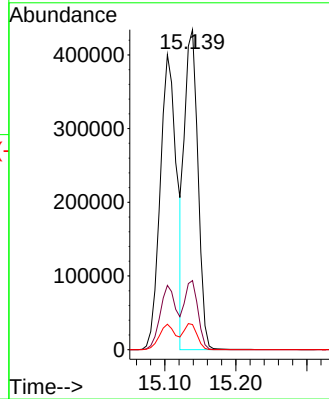
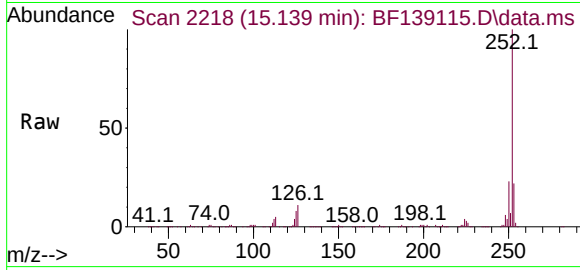
Tgt Ion:252 Resp: 568787

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 7.9 7.0 10.6



#90

Benzo(a)pyrene

Concen: 52.860 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

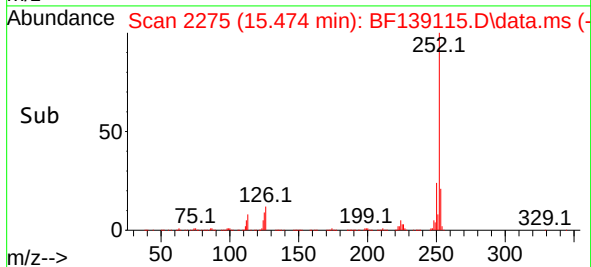
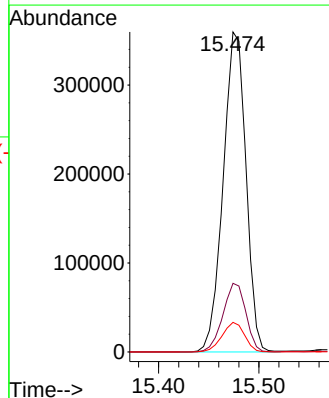
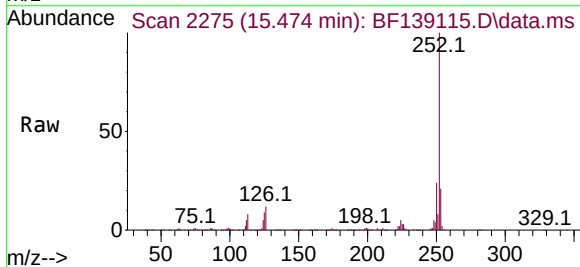
Tgt Ion:252 Resp: 568450

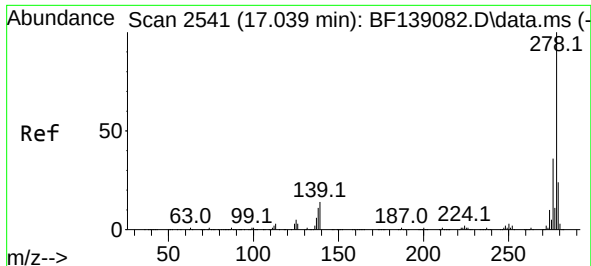
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 9.3 7.4 11.2

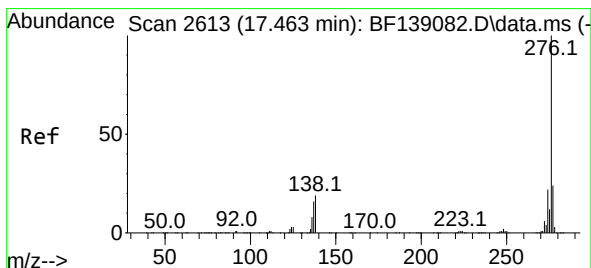
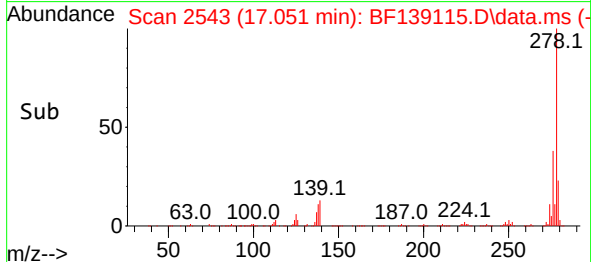
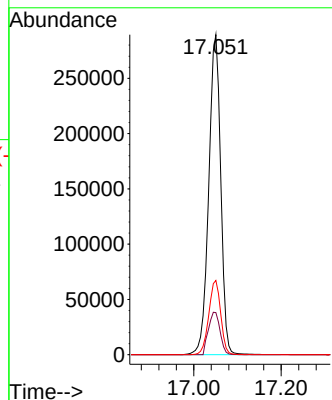
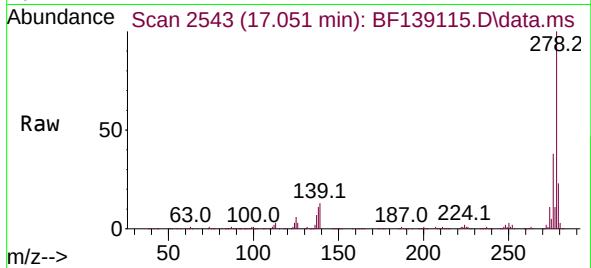




#91
Dibenzo(a,h)anthracene
Concen: 55.093 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.011 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB162687BS

Tgt Ion:278 Resp: 552543
Ion Ratio Lower Upper
278 100
139 13.1 10.8 16.2
279 23.2 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 43.932 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.017 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:276 Resp: 500508
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 17.4 15.0 22.4

