

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
 Data File : BF139116.D
 Acq On : 22 Aug 2024 11:53
 Operator : RC/JU
 Sample : PB162687BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162687BSD

Quant Time: Aug 22 12:42:06 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	98594	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	365831	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	213614	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	389288	20.000	ng	0.00
76) Chrysene-d12	14.062	240	242651	20.000	ng	0.00
86) Perylene-d12	15.533	264	204282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	831786	129.797	ng	0.02
7) Phenol-d6	6.528	99	1082504	130.730	ng	0.00
23) Nitrobenzene-d5	7.463	82	714781	113.851	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	319126	165.024	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1231363	91.459	ng	0.00
79) Terphenyl-d14	13.010	244	1545396	105.677	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	100483	36.558	ng	98
3) Pyridine	3.534	79	282409	40.433	ng	100
4) n-Nitrosodimethylamine	3.493	42	183580	43.509	ng	100
6) Aniline	6.563	93	352577	47.166	ng	99
8) 2-Chlorophenol	6.681	128	294505	47.780	ng	97
9) Benzaldehyde	6.451	77	220292	45.361	ng	100
10) Phenol	6.539	94	406662	47.200	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	297975	43.006	ng	99
12) 1,3-Dichlorobenzene	6.839	146	325733	43.953	ng	100
13) 1,4-Dichlorobenzene	6.916	146	328153	44.287	ng	99
14) 1,2-Dichlorobenzene	7.069	146	315262	46.554	ng	99
15) Benzyl Alcohol	7.039	79	317265	48.478	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	451104	46.219	ng	99
17) 2-Methylphenol	7.145	107	248031	47.036	ng	97
18) Hexachloroethane	7.410	117	118522	45.615	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	245572	45.160	ng	98
20) 3+4-Methylphenols	7.298	107	317662	46.495	ng	97
22) Acetophenone	7.310	105	435271	46.599	ng	97
24) Nitrobenzene	7.481	77	364723	52.264	ng	100
25) Isophorone	7.722	82	648250	48.579	ng	99
26) 2-Nitrophenol	7.798	139	142263	57.242	ng	98
27) 2,4-Dimethylphenol	7.833	122	239009	56.483	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	357324	45.828	ng	99
29) 2,4-Dichlorophenol	8.033	162	254389	48.256	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	268535	43.503	ng	99
31) Naphthalene	8.204	128	848193	45.753	ng	100
32) Benzoic acid	7.951	122	179295	50.380	ng	98
33) 4-Chloroaniline	8.245	127	123695	19.483	ng	99
34) Hexachlorobutadiene	8.322	225	180247	44.700	ng	99
35) Caprolactam	8.622	113	83684m	50.070	ng	
36) 4-Chloro-3-methylphenol	8.728	107	286601	49.101	ng	100
37) 2-Methylnaphthalene	8.892	142	562078	47.269	ng	100
38) 1-Methylnaphthalene	8.992	142	518293	45.162	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	277079	47.648	ng	98
41) Hexachlorocyclopentadiene	9.045	237	384938	171.260	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	195540	49.546	ng	99

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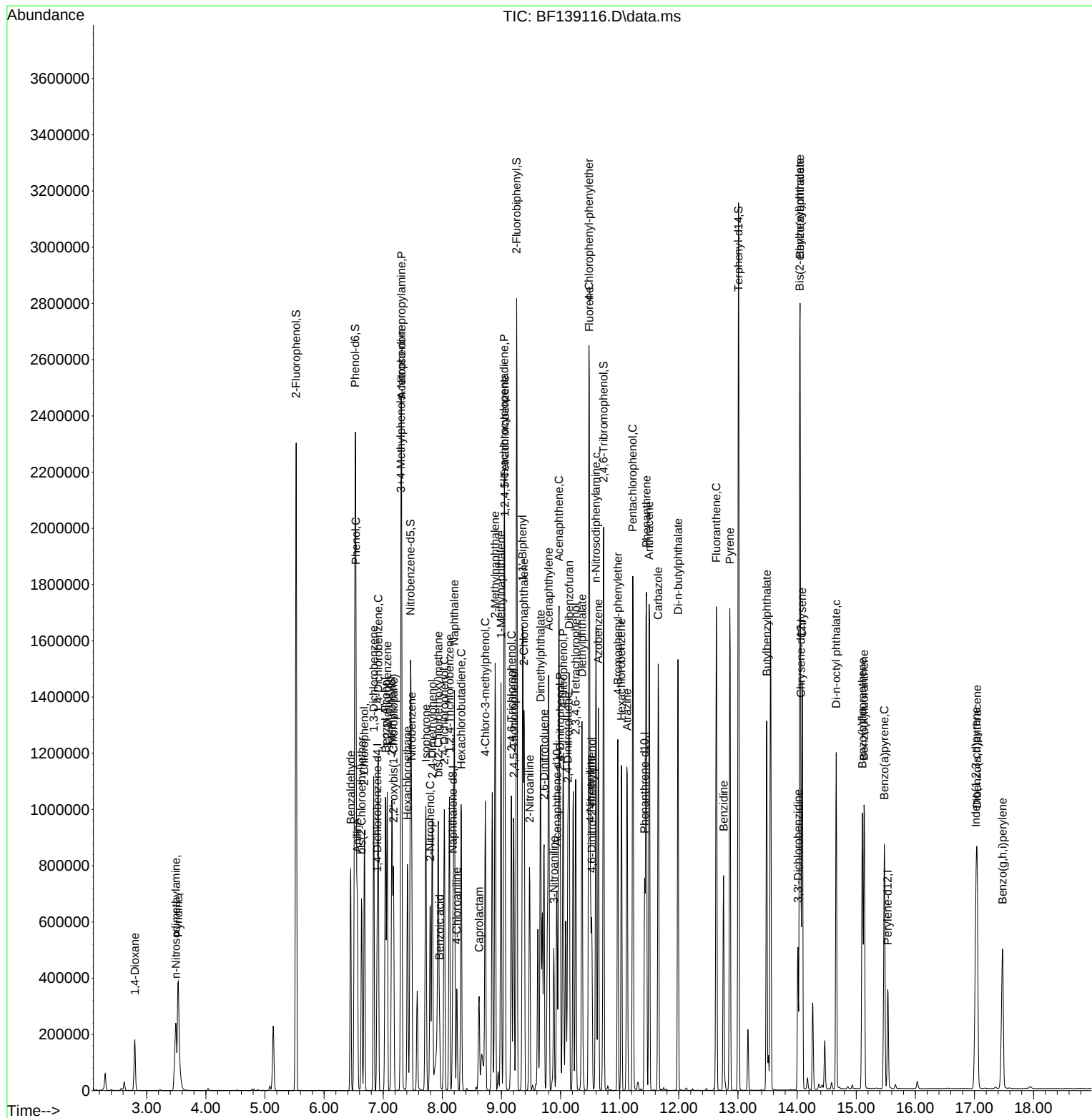
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	198415	48.979	ng	100
46) 1,1'-Biphenyl	9.357	154	696322	47.586	ng	100
47) 2-Chloronaphthalene	9.380	162	536971	45.162	ng	99
48) 2-Nitroaniline	9.475	65	194753	56.072	ng	99
49) Acenaphthylene	9.798	152	864839	50.777	ng	100
50) Dimethylphthalate	9.663	163	664451	50.384	ng	99
51) 2,6-Dinitrotoluene	9.722	165	142379	53.277	ng	96
52) Acenaphthene	9.975	154	613312	54.513	ng	98
53) 3-Nitroaniline	9.886	138	91531	35.398	ng	# 97
54) 2,4-Dinitrophenol	9.992	184	149588	107.436	ng	# 53
55) Dibenzofuran	10.145	168	789610	48.319	ng	99
56) 4-Nitrophenol	10.045	139	243217	122.011	ng	99
57) 2,4-Dinitrotoluene	10.122	165	198813	58.571	ng	98
58) Fluorene	10.486	166	618565	47.364	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	178668	54.930	ng	99
60) Diethylphthalate	10.363	149	657819	50.343	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	309045	47.381	ng	99
62) 4-Nitroaniline	10.504	138	142902	52.423	ng	99
63) Azobenzene	10.639	77	705585	48.591	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	97927	63.065	ng	98
66) n-Nitrosodiphenylamine	10.598	169	547650	47.544	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	198419	48.101	ng	97
68) Hexachlorobenzene	11.027	284	208797	47.181	ng	98
69) Atrazine	11.127	200	199004	56.569	ng	100
70) Pentachlorophenol	11.221	266	282024	99.765	ng	99
71) Phenanthrene	11.451	178	945398	47.779	ng	100
72) Anthracene	11.498	178	959275	49.573	ng	100
73) Carbazole	11.651	167	842139	46.606	ng	99
74) Di-n-butylphthalate	11.986	149	1022711	48.812	ng	100
75) Fluoranthene	12.633	202	979592	46.384	ng	100
77) Benzidine	12.757	184	379731	75.760	ng	99
78) Pyrene	12.863	202	999478	49.358	ng	100
80) Butylbenzylphthalate	13.486	149	383145	54.691	ng	98
81) Benzo(a)anthracene	14.051	228	781103	48.969	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	146719	32.907	ng	98
83) Chrysene	14.086	228	728930	50.417	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	508659	54.769	ng	100
85) Di-n-octyl phthalate	14.662	149	732449	56.191	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	642904	53.774	ng	99
88) Benzo(b)fluoranthene	15.104	252	647901	48.649	ng	99
89) Benzo(k)fluoranthene	15.133	252	542228	48.884	ng	100
90) Benzo(a)pyrene	15.474	252	547775	52.053	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	524128	53.405	ng	99
92) Benzo(g,h,i)perylene	17.474	276	472711	42.498	ng	99

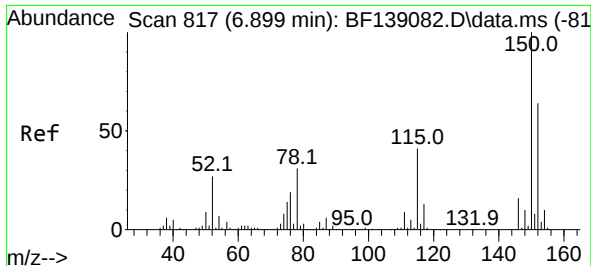
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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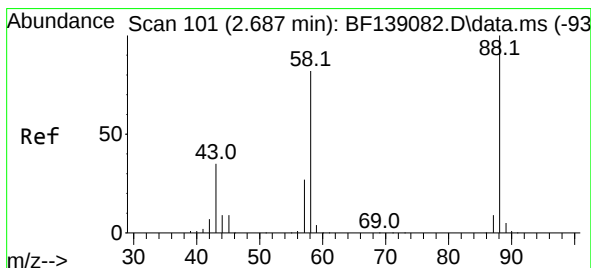
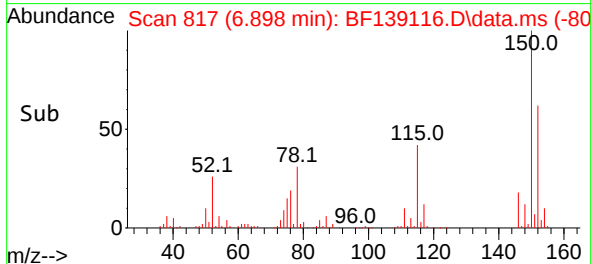
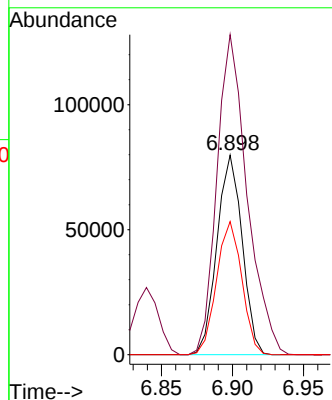
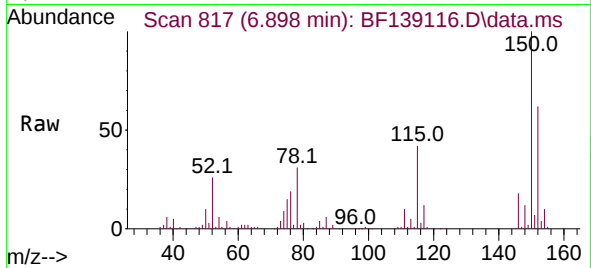




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF139116.D
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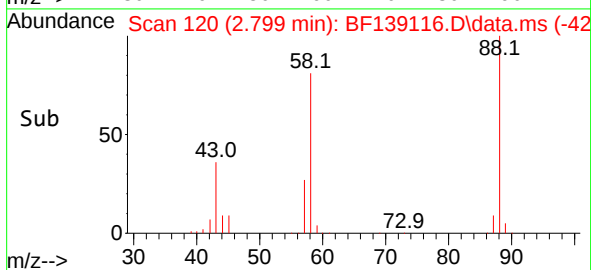
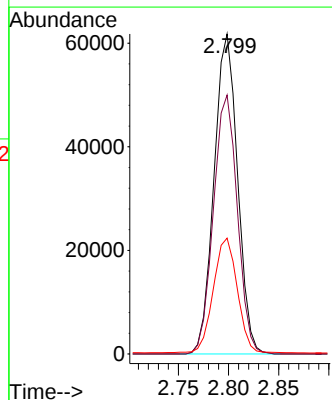
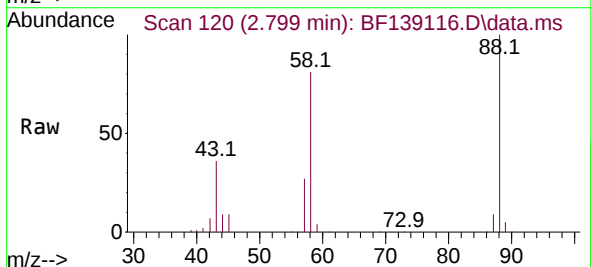
Instrument :
 BNA_F
 ClientSampleId :
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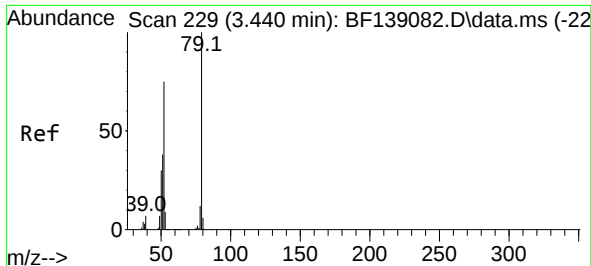
Tgt Ion:152 Resp: 98594
 Ion Ratio Lower Upper
 152 100
 150 160.4 125.1 187.7
 115 66.7 51.8 77.6



#2
 1,4-Dioxane
 Concen: 36.558 ng
 RT: 2.799 min Scan# 120
 Delta R.T. 0.111 min
 Lab File: BF139116.D
 Acq: 22 Aug 2024 11:53

Tgt Ion: 88 Resp: 100483
 Ion Ratio Lower Upper
 88 100
 58 82.4 65.4 98.0
 43 37.1 27.9 41.9





#3

Pyridine

Concen: 40.433 ng

RT: 3.534 min Scan# 245

Delta R.T. 0.094 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

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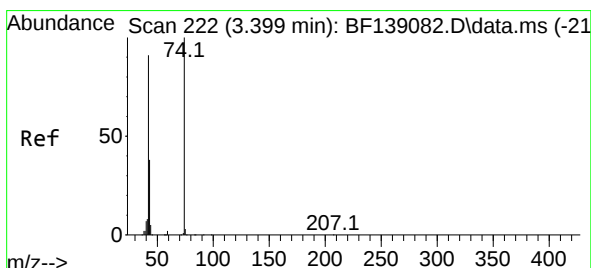
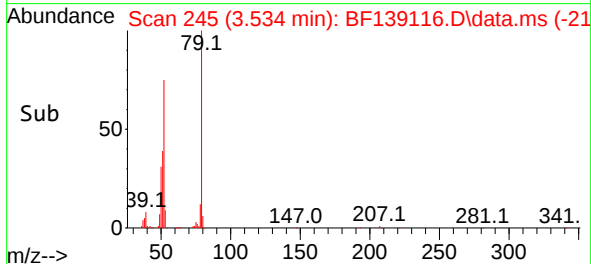
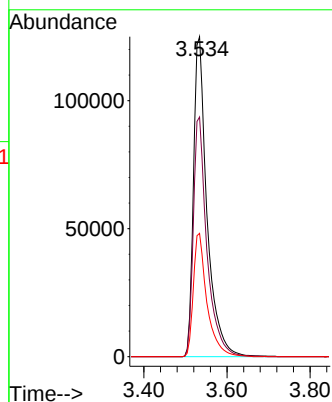
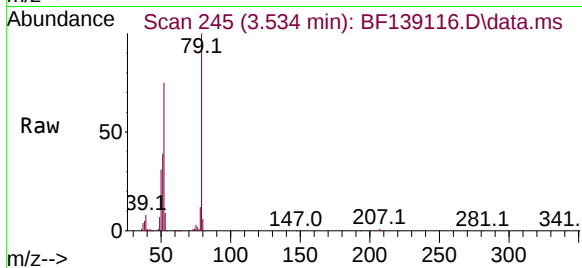
Tgt Ion: 79 Resp: 282409

Ion Ratio Lower Upper

79 100

52 74.9 59.7 89.5

51 38.6 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 43.509 ng

RT: 3.493 min Scan# 238

Delta R.T. 0.094 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

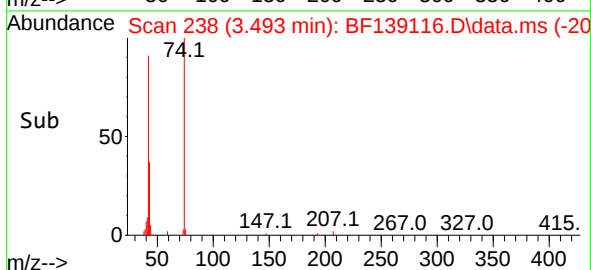
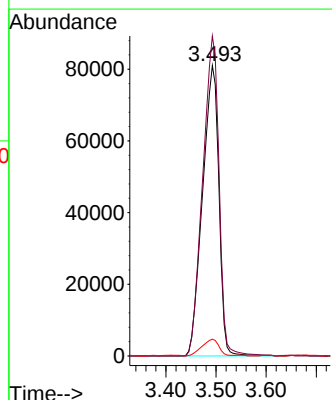
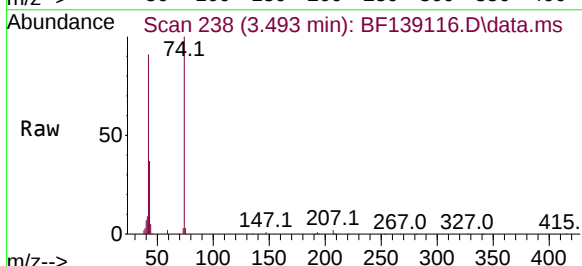
Tgt Ion: 42 Resp: 183580

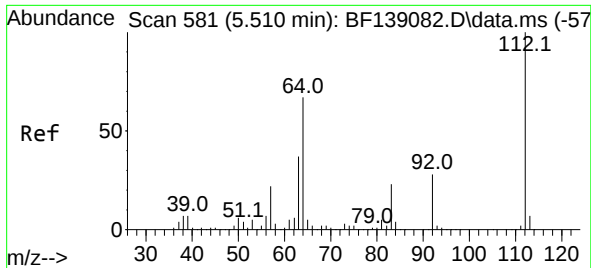
Ion Ratio Lower Upper

42 100

74 110.2 88.2 132.2

44 5.8 5.4 8.0

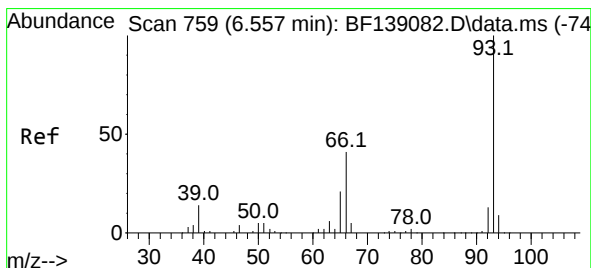
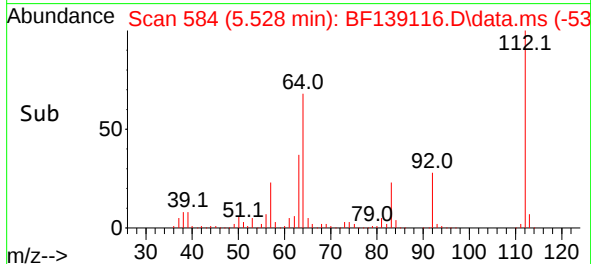
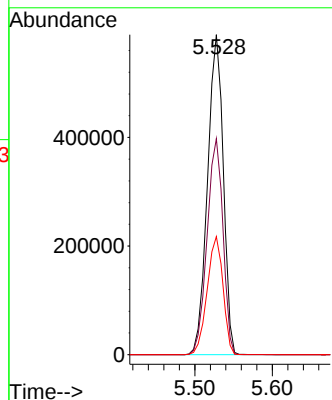
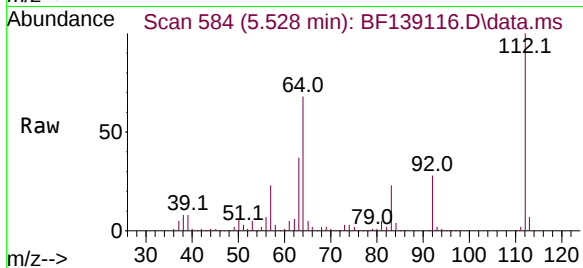




#5
2-Fluorophenol
Concen: 129.797 ng
RT: 5.528 min Scan# 511
Delta R.T. 0.017 min
Lab File: BF139116.D
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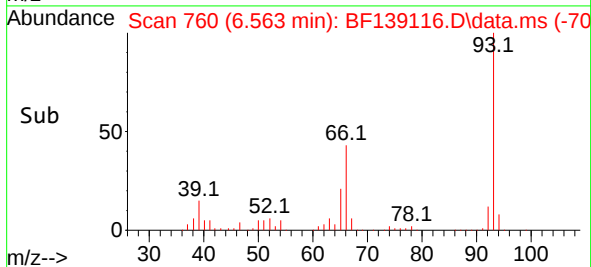
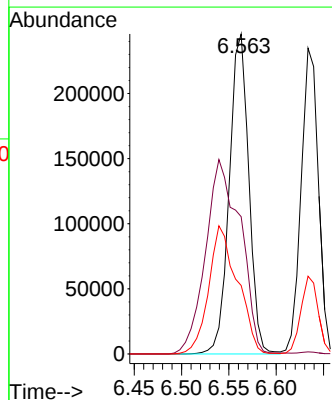
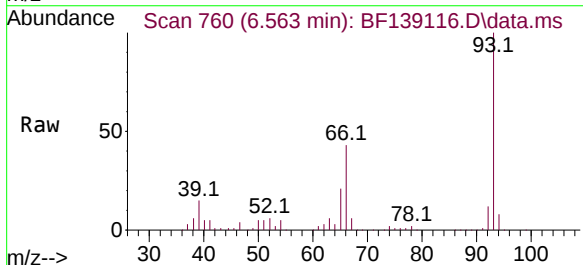
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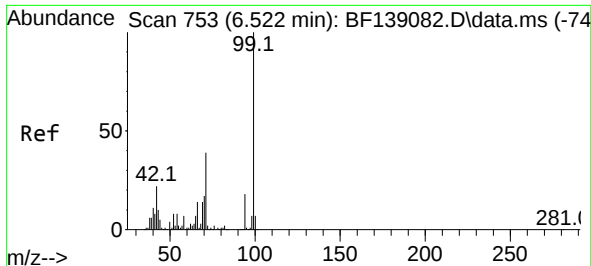
Tgt Ion:112 Resp: 831786
Ion Ratio Lower Upper
112 100
64 67.5 53.8 80.6
63 36.9 29.4 44.2



#6
Aniline
Concen: 47.166 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion: 93 Resp: 352577
Ion Ratio Lower Upper
93 100
66 42.9 35.1 52.7
65 21.4 17.4 26.2

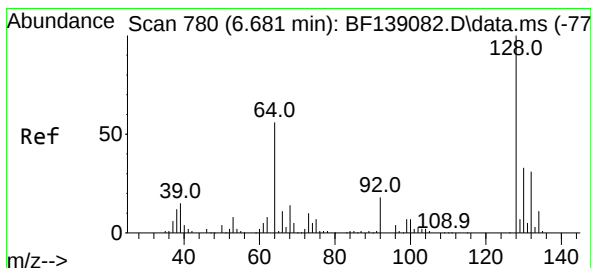
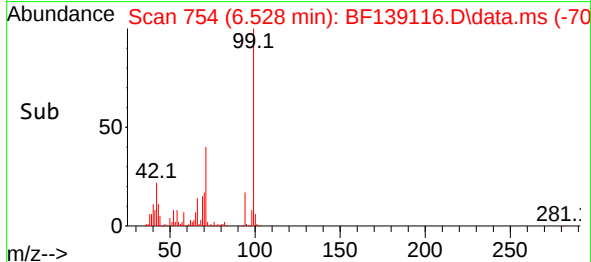
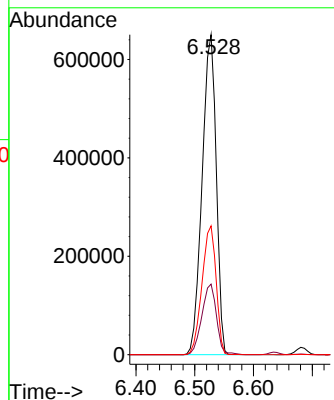
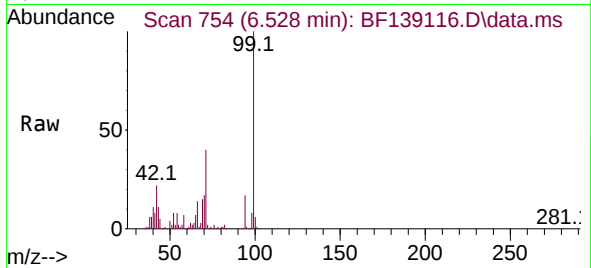




#7
Phenol-d6
Concen: 130.730 ng
RT: 6.528 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

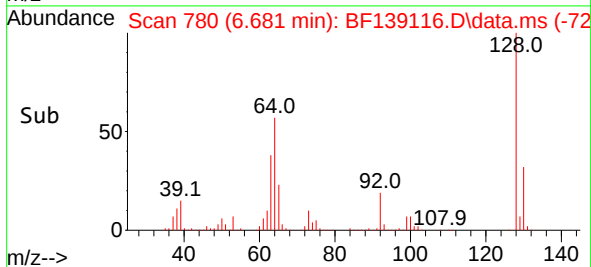
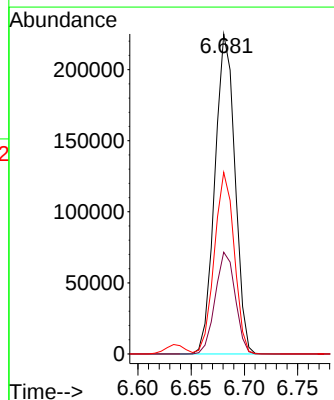
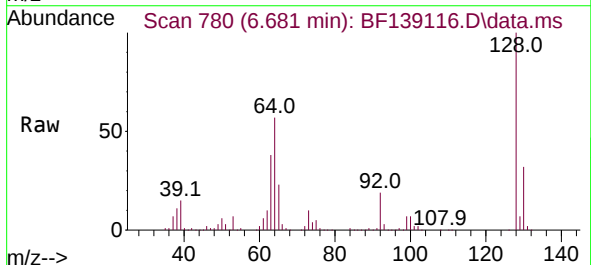
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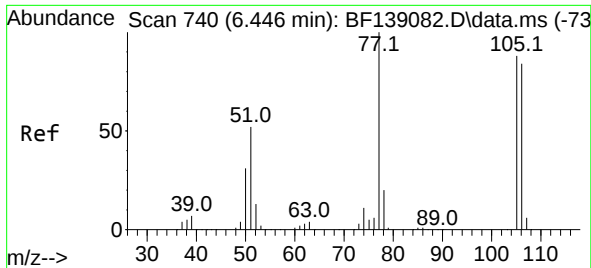
Tgt Ion: 99 Resp: 1082504
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.2
71 40.3 31.2 46.8



#8
2-Chlorophenol
Concen: 47.780 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139116.D
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Tgt Ion: 128 Resp: 294505
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 56.7 39.1 79.1

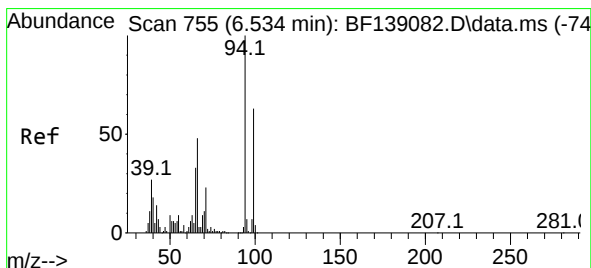
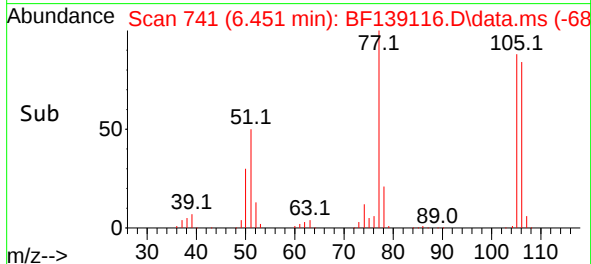
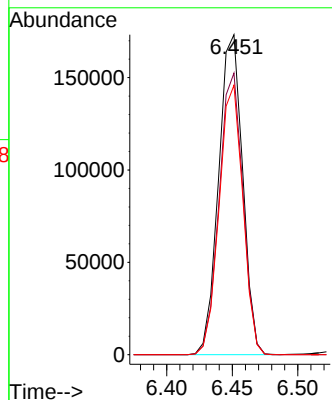
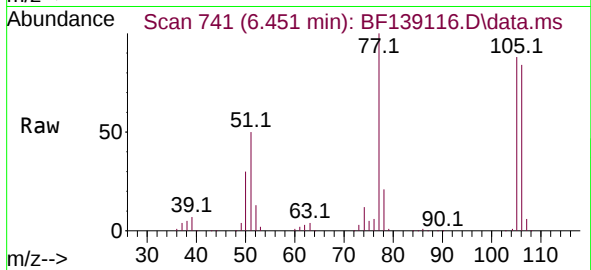




#9
Benzaldehyde
Concen: 45.361 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.005 min
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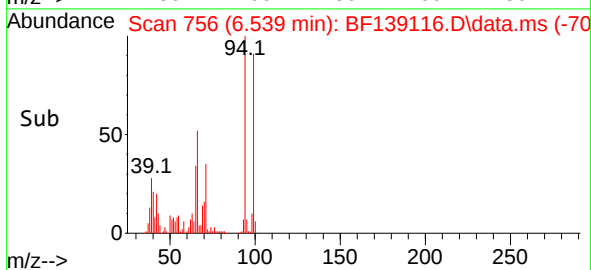
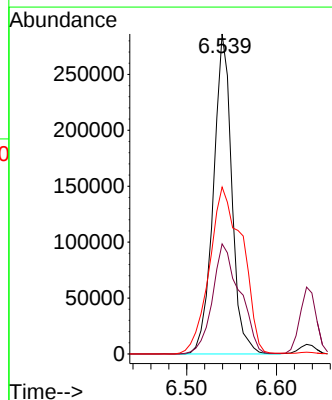
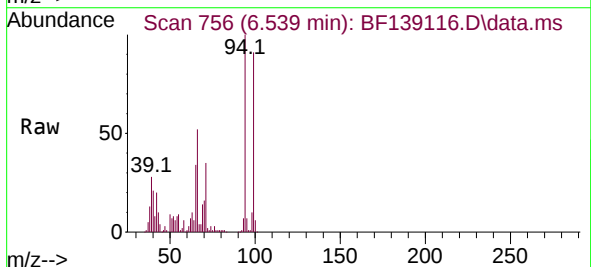
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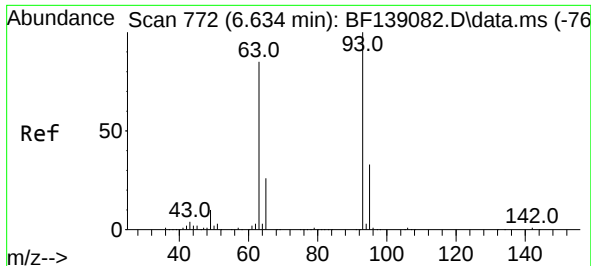
Tgt Ion: 77 Resp: 220292
Ion Ratio Lower Upper
77 100
105 88.0 68.2 108.2
106 84.2 63.8 103.8



#10
Phenol
Concen: 47.200 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion: 94 Resp: 406662
Ion Ratio Lower Upper
94 100
65 34.4 13.5 53.5
66 52.2 28.5 68.5

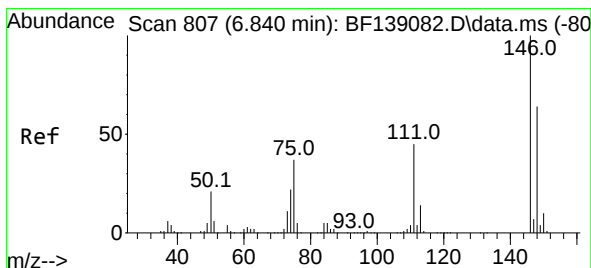
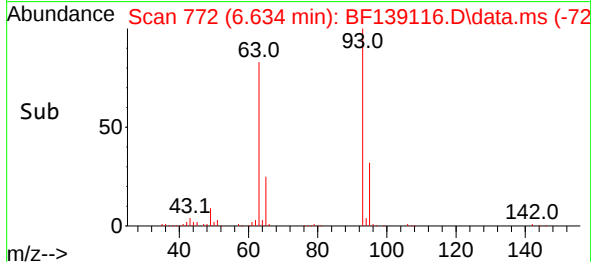
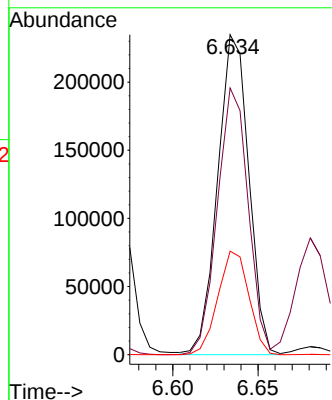
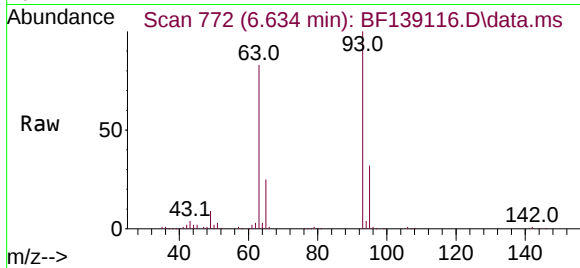




#11
bis(2-Chloroethyl)ether
Concen: 43.006 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

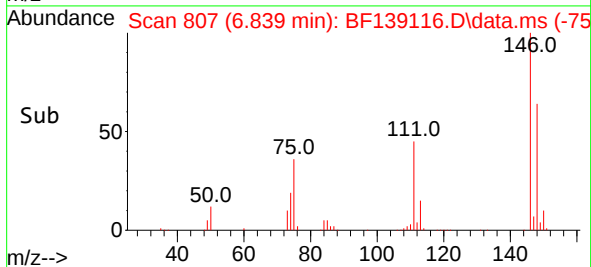
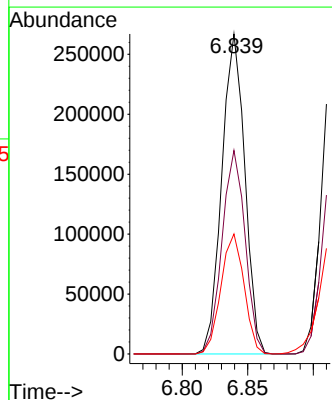
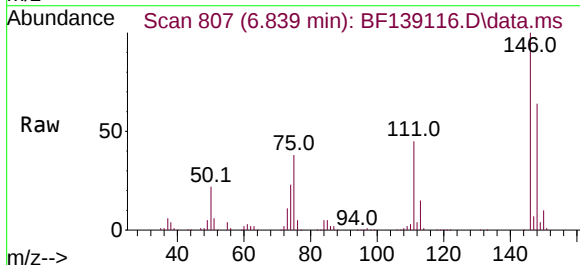
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

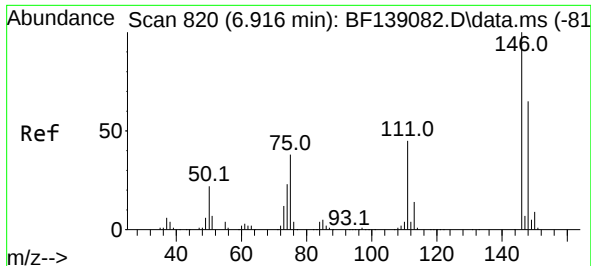
Tgt Ion: 93 Resp: 297975
Ion Ratio Lower Upper
93 100
63 83.3 62.7 102.7
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 43.953 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:146 Resp: 325733
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 37.5 29.9 44.9

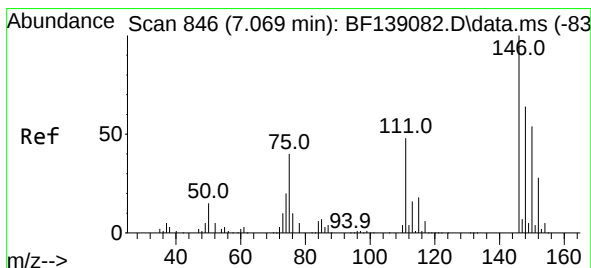
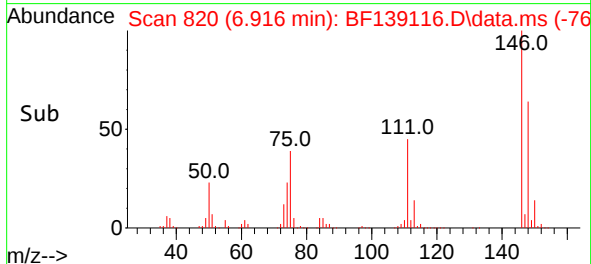
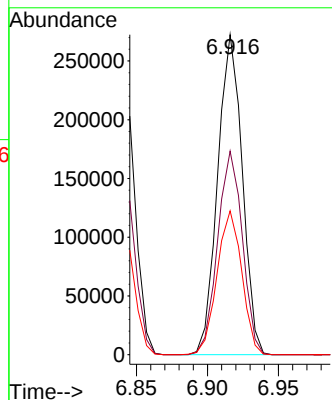
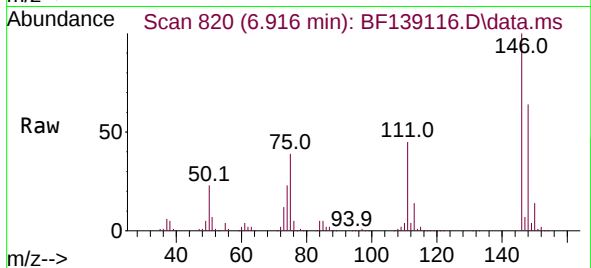




#13
1,4-Dichlorobenzene
Concen: 44.287 ng
RT: 6.916 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

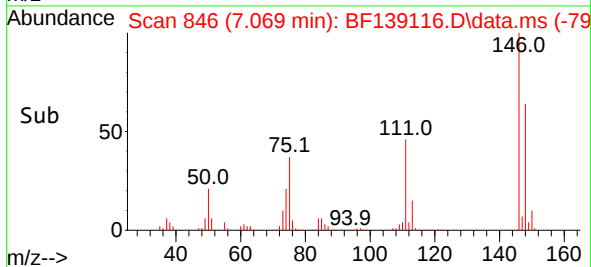
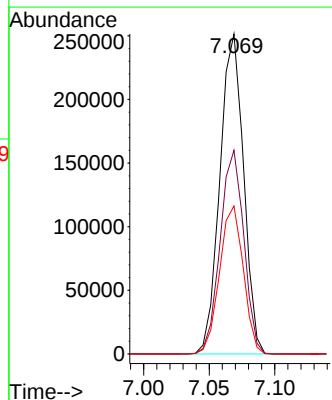
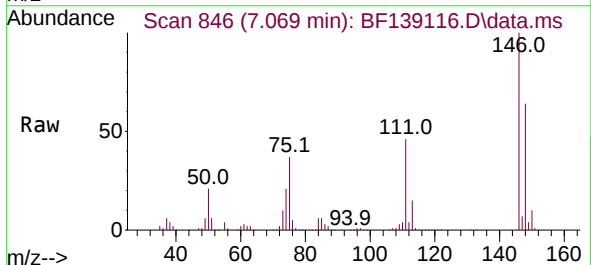
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

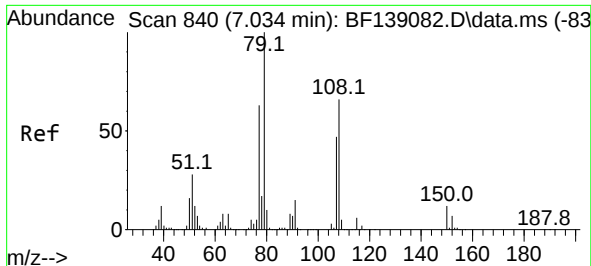
Tgt Ion:146 Resp: 328153
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
111 45.0 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 46.554 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:146 Resp: 315262
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 46.2 38.1 57.1





#15

Benzyl Alcohol

Concen: 48.478 ng

RT: 7.039 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

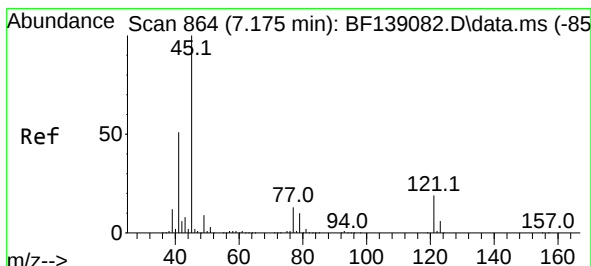
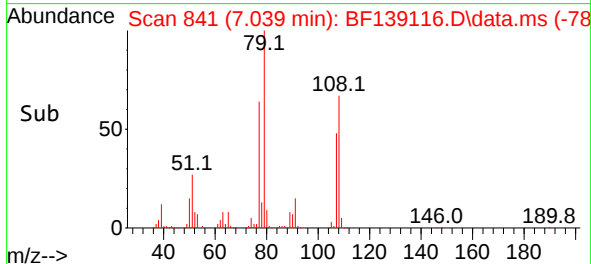
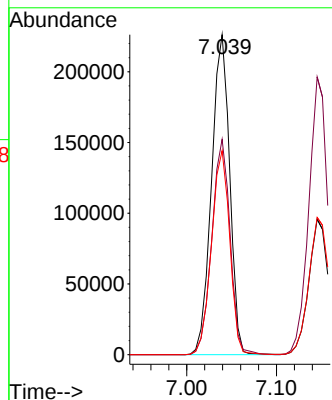
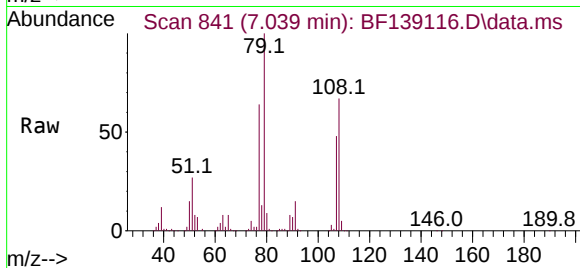
Tgt Ion: 79 Resp: 317265

Ion Ratio Lower Upper

79 100

108 67.3 52.8 79.2

77 63.7 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.219 ng

RT: 7.175 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

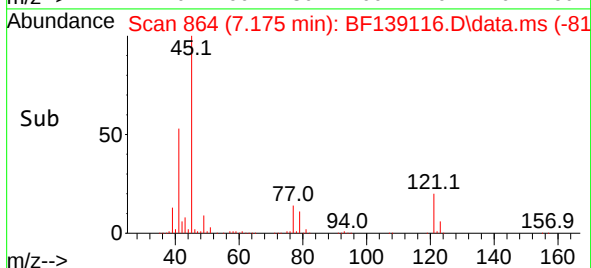
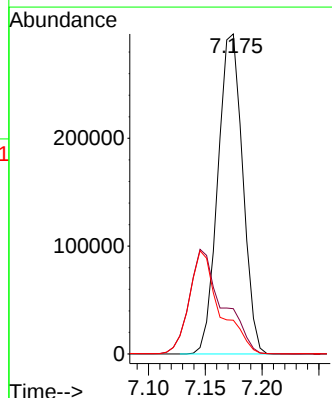
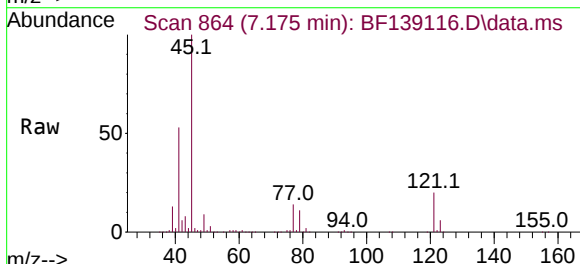
Tgt Ion: 45 Resp: 451104

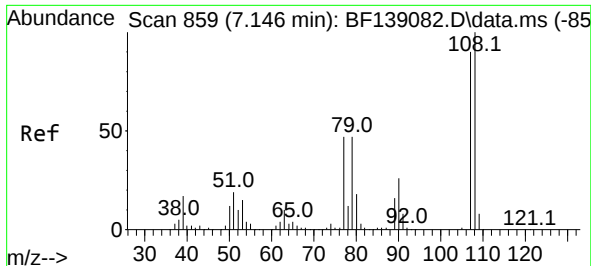
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.7

79 10.5 0.0 30.4



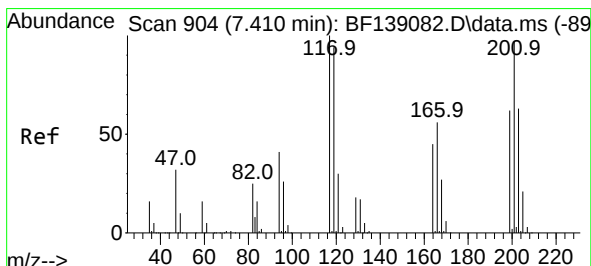
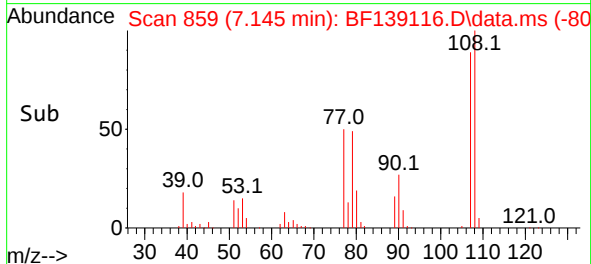
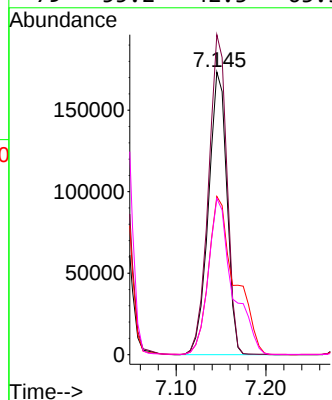
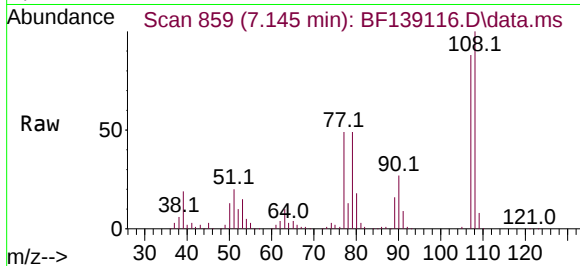


#17
2-Methylphenol
Concen: 47.036 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB162687BSD

Tgt Ion:107 Resp: 248031

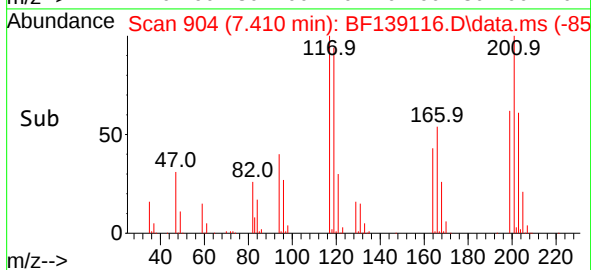
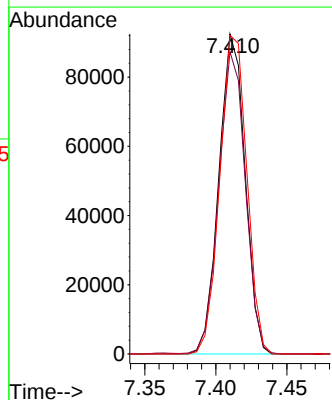
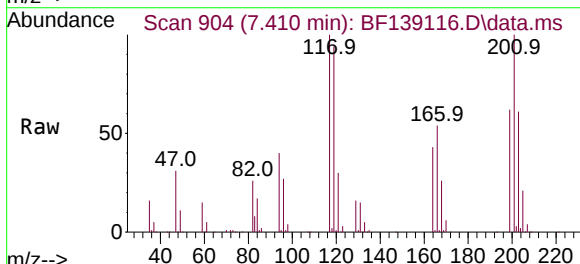
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.1	133.7
77	56.0	42.1	63.1
79	55.2	42.3	63.5

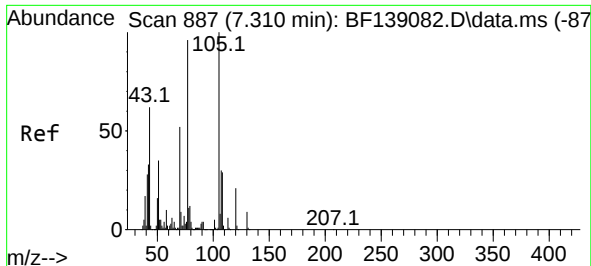


#18
Hexachloroethane
Concen: 45.615 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:117 Resp: 118522

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.5	113.3
201	99.6	77.8	116.8



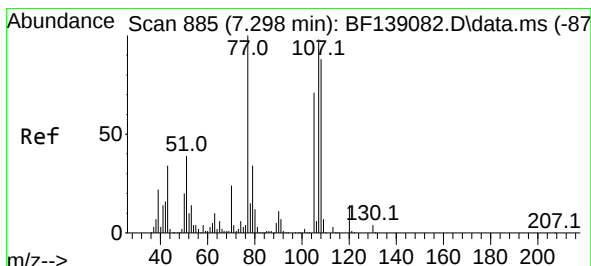
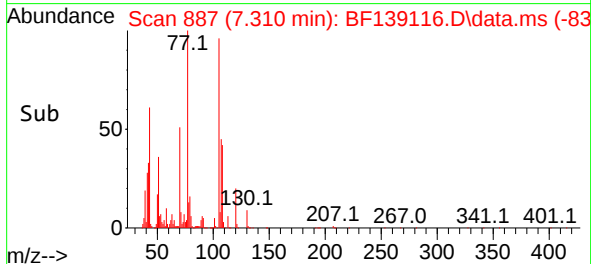
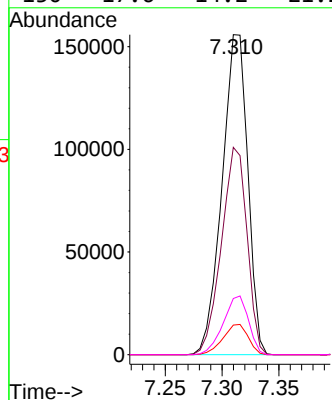
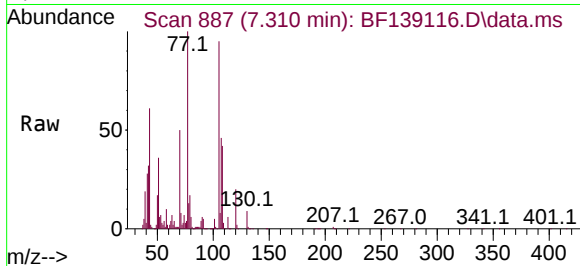


#19
n-Nitroso-di-n-propylamine
Concen: 45.160 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB162687BSD

Tgt Ion: 70 Resp: 245572

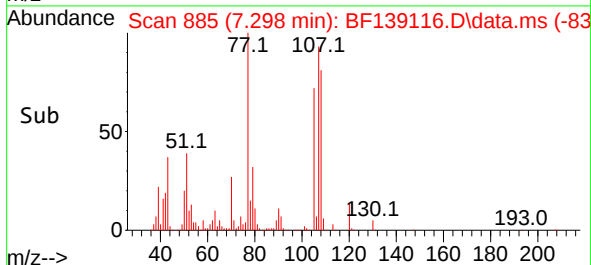
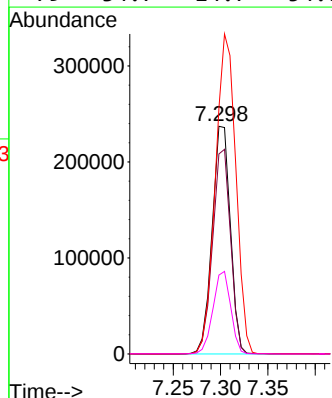
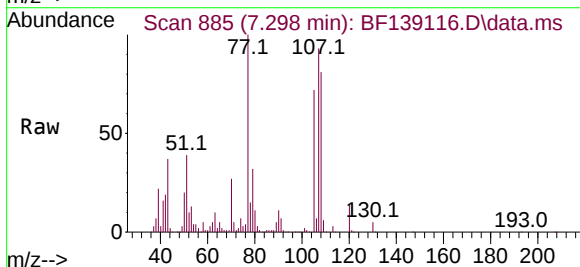
Ion	Ratio	Lower	Upper
70	100		
42	64.8	50.5	75.7
101	9.2	7.2	10.8
130	17.6	14.2	21.2

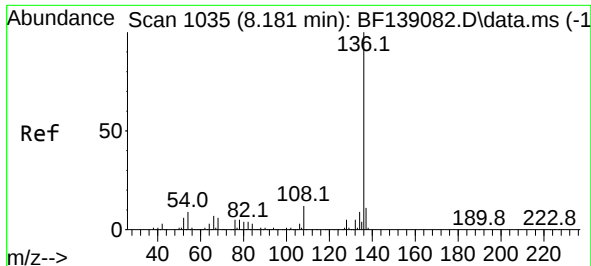


#20
3+4-Methylphenols
Concen: 46.495 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion: 107 Resp: 317662

Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.2	110.2
77	107.9	82.7	122.7
79	34.7	14.7	54.7



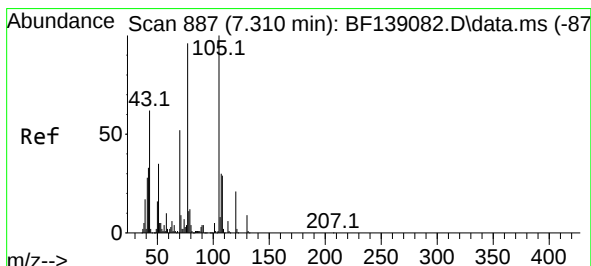
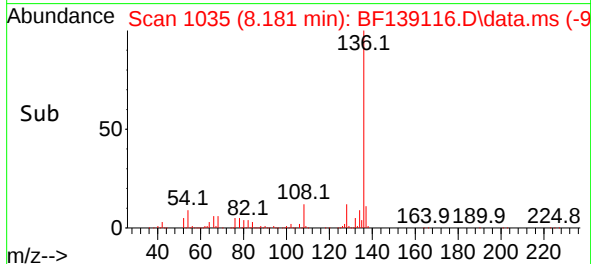
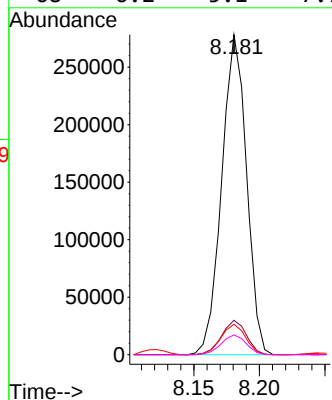
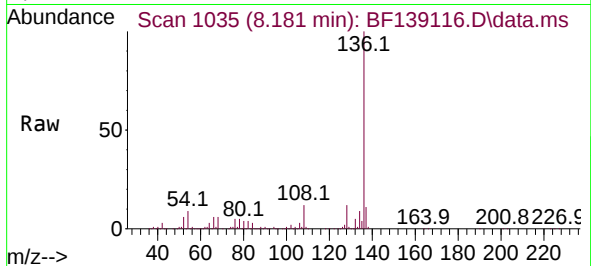


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB162687BSD

Tgt Ion:136 Resp: 365831

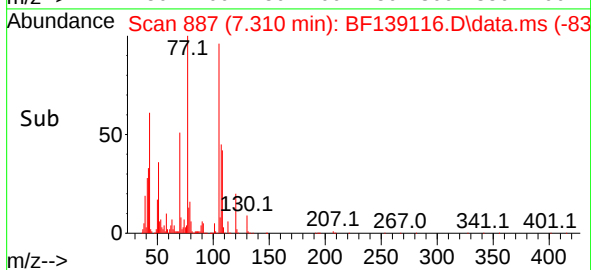
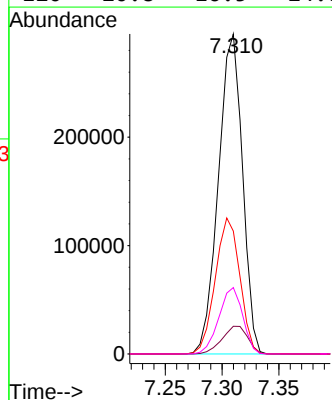
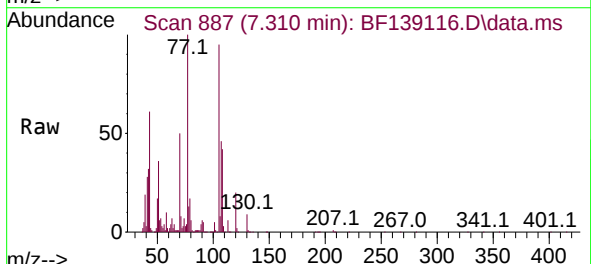
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.5	7.6	11.4
68	6.2	5.1	7.7

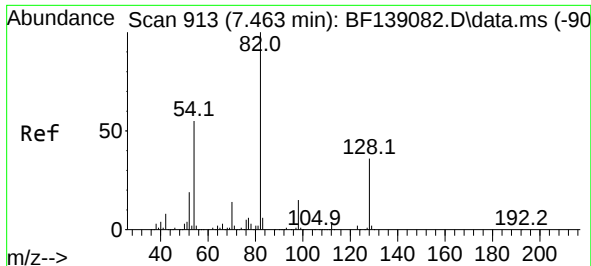


#22
Acetophenone
Concen: 46.599 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:105 Resp: 435271

Ion	Ratio	Lower	Upper
105	100		
71	8.6	7.0	10.6
51	38.4	28.0	42.0
120	20.8	16.5	24.7





#23

Nitrobenzene-d5

Concen: 113.851 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

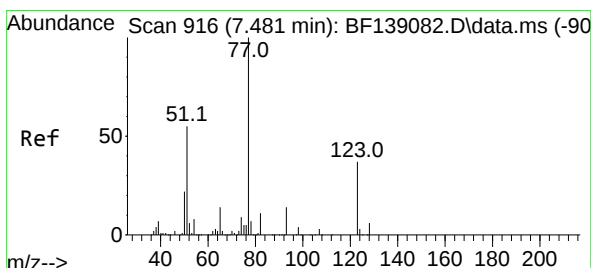
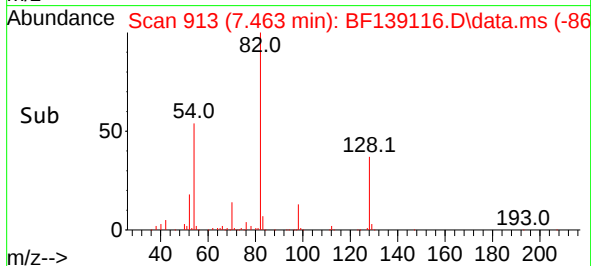
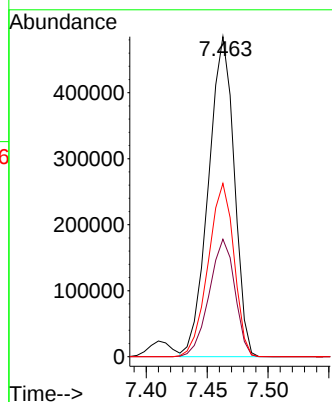
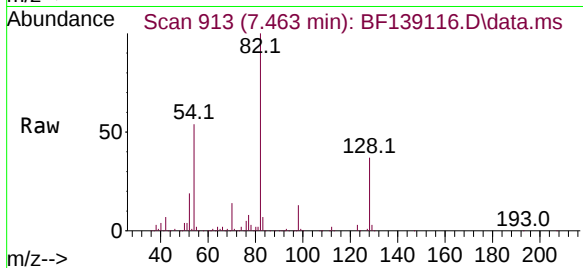
Tgt Ion: 82 Resp: 714781

Ion Ratio Lower Upper

82 100

128 36.7 29.0 43.4

54 54.2 43.4 65.2



#24

Nitrobenzene

Concen: 52.264 ng

RT: 7.481 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

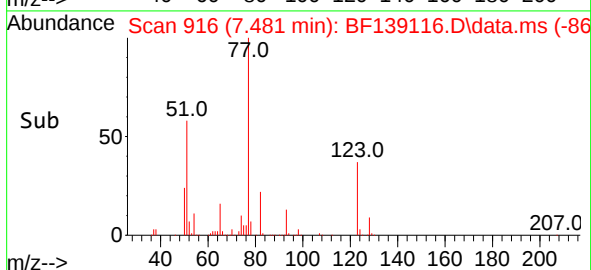
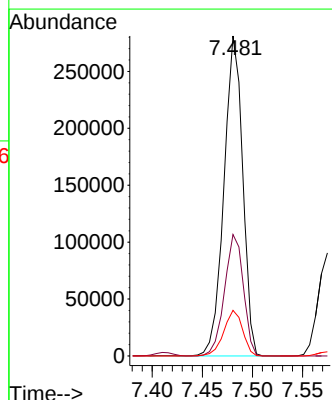
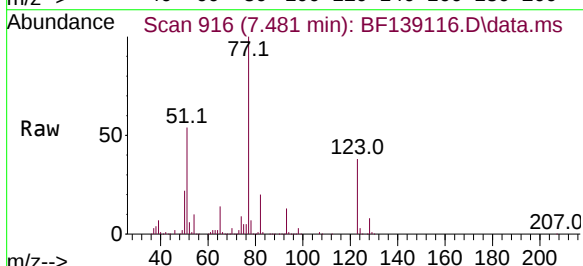
Tgt Ion: 77 Resp: 364723

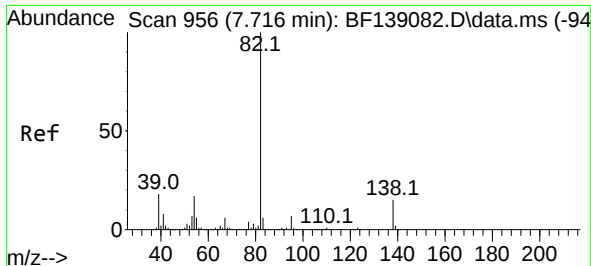
Ion Ratio Lower Upper

77 100

123 37.9 30.3 45.5

65 14.2 11.3 16.9

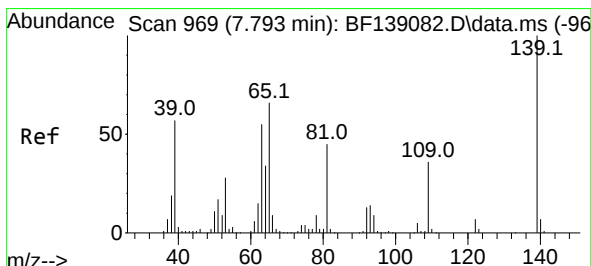
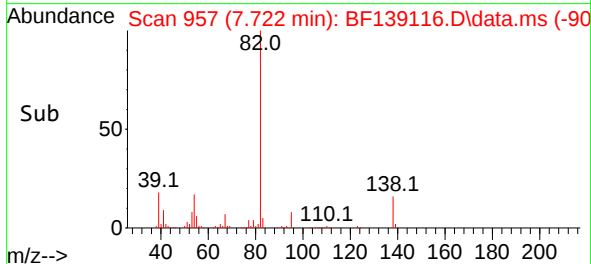
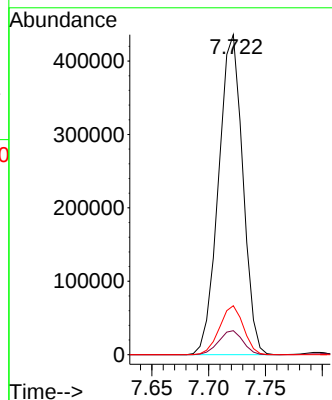
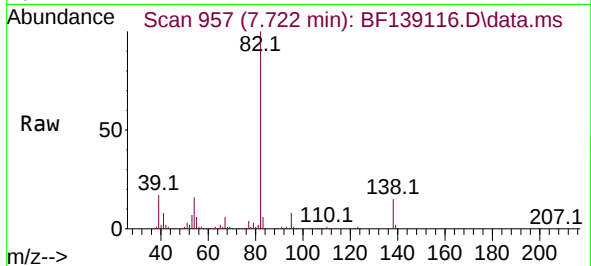




#25
Isophorone
Concen: 48.579 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

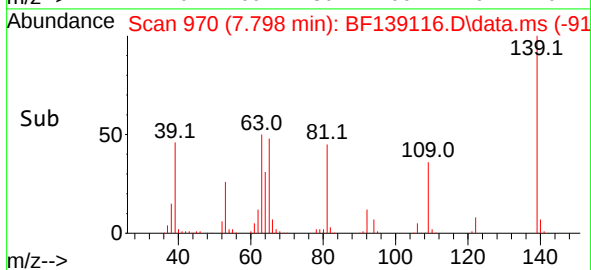
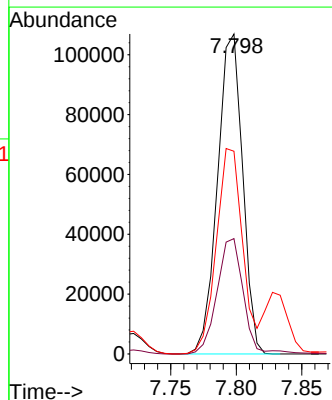
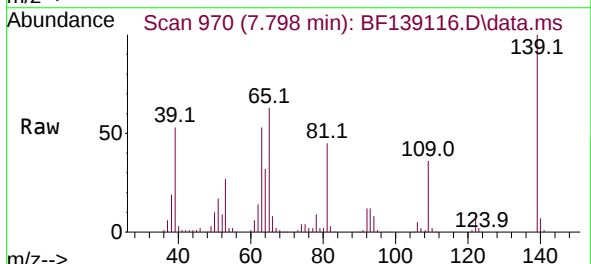
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

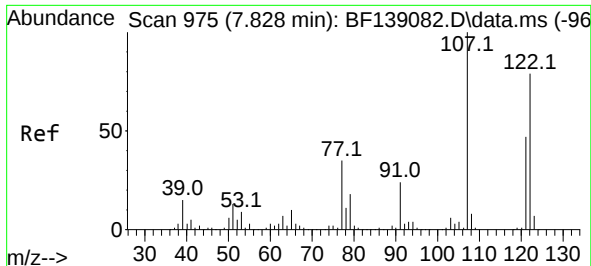
Tgt Ion: 82 Resp: 648250
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 15.3 11.8 17.8



#26
2-Nitrophenol
Concen: 57.242 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.005 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:139 Resp: 142263
Ion Ratio Lower Upper
139 100
109 36.1 29.2 43.8
65 63.3 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 56.483 ng

RT: 7.833 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

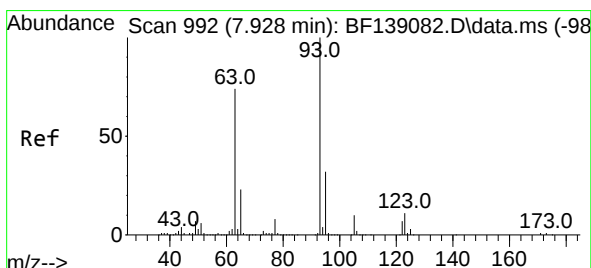
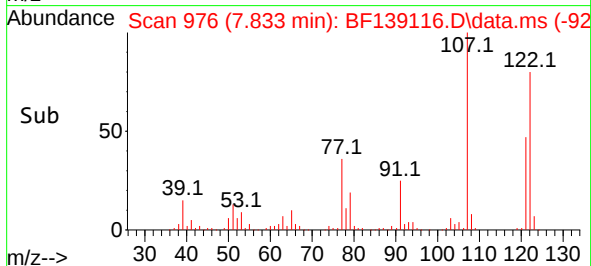
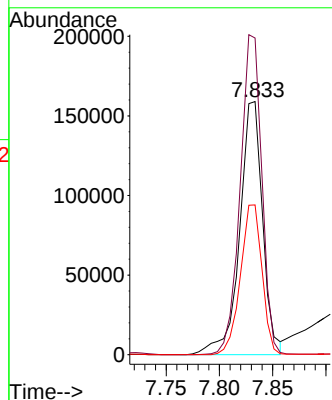
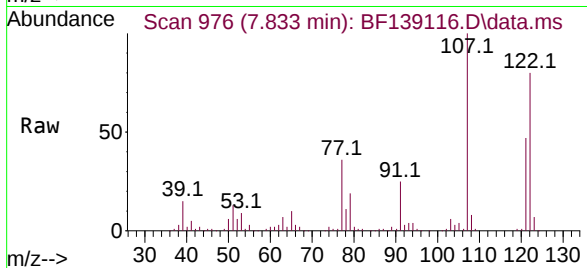
Tgt Ion:122 Resp: 239009

Ion Ratio Lower Upper

122 100

107 125.1 101.1 151.7

121 59.2 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 45.828 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

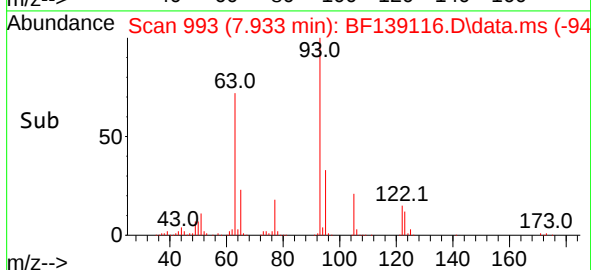
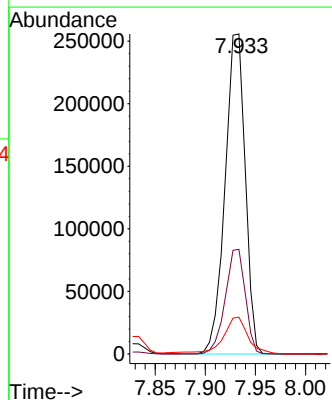
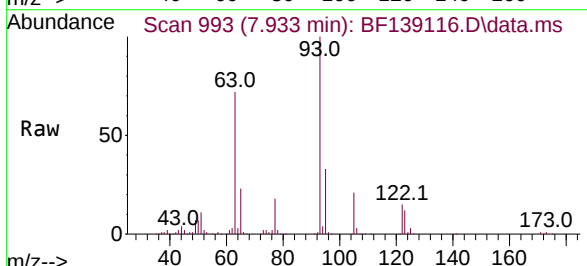
Tgt Ion: 93 Resp: 357324

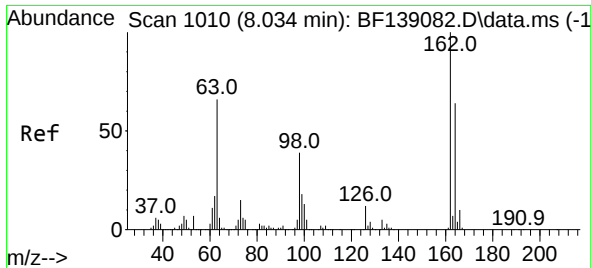
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

123 11.5 8.9 13.3

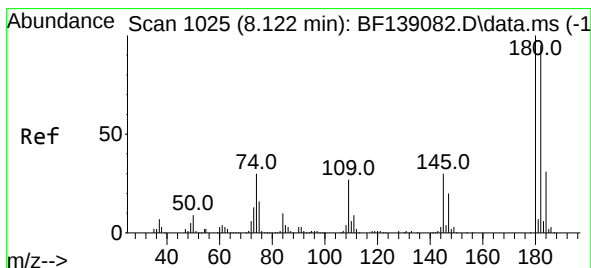
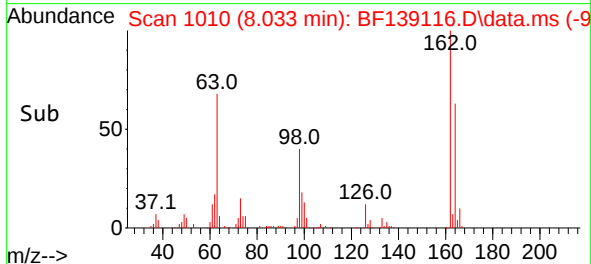
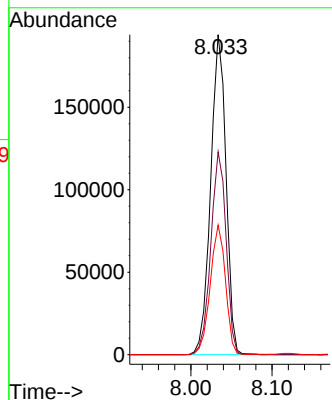
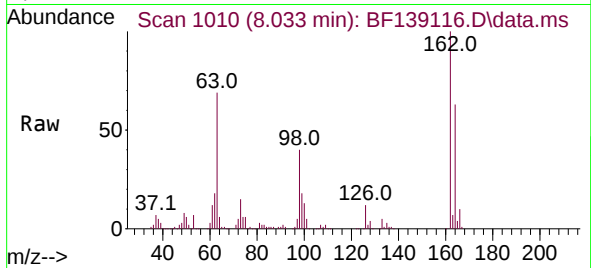




#29
2,4-Dichlorophenol
Concen: 48.256 ng
RT: 8.033 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

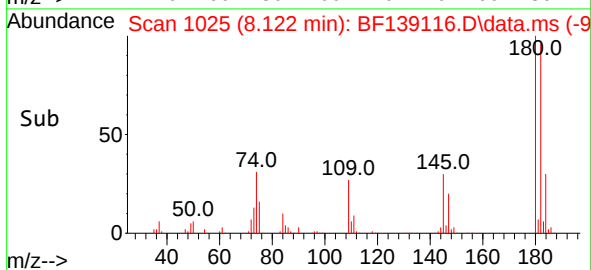
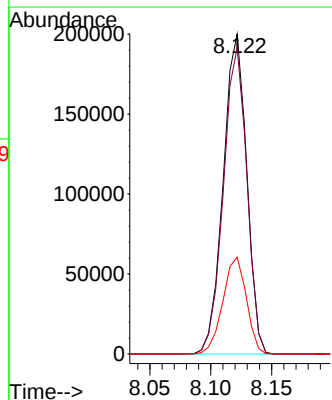
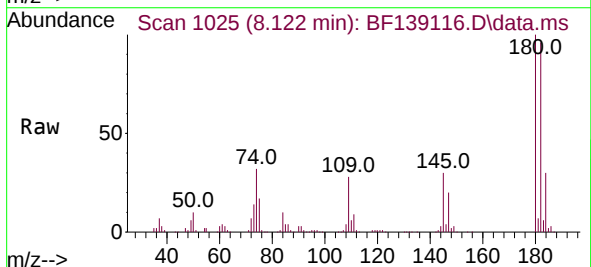
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

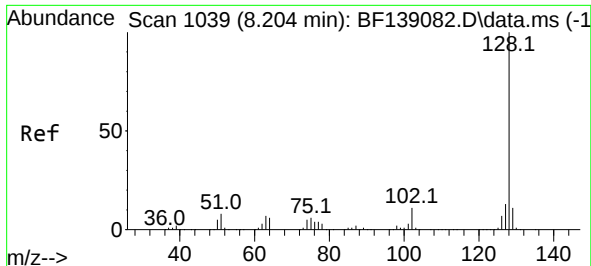
Tgt Ion:162 Resp: 254389
Ion Ratio Lower Upper
162 100
164 63.4 43.9 83.9
98 40.5 19.7 59.7



#30
1,2,4-Trichlorobenzene
Concen: 43.503 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

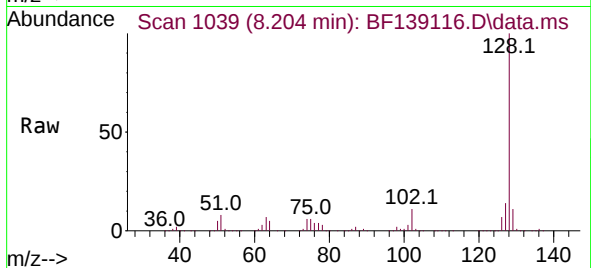
Tgt Ion:180 Resp: 268535
Ion Ratio Lower Upper
180 100
182 95.7 76.1 114.1
145 30.2 23.9 35.9



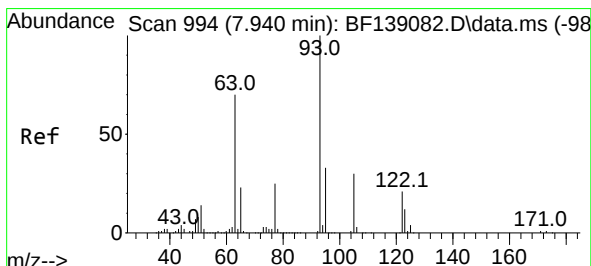
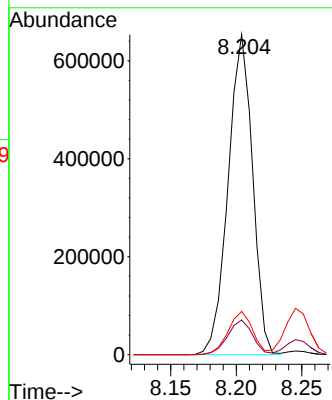
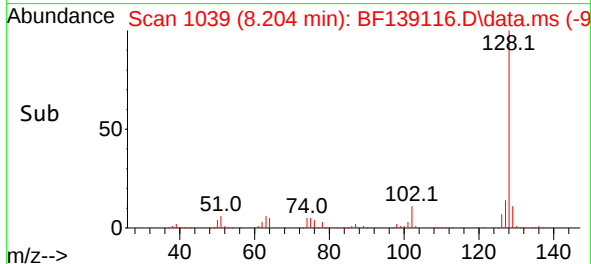


#31
Naphthalene
Concen: 45.753 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

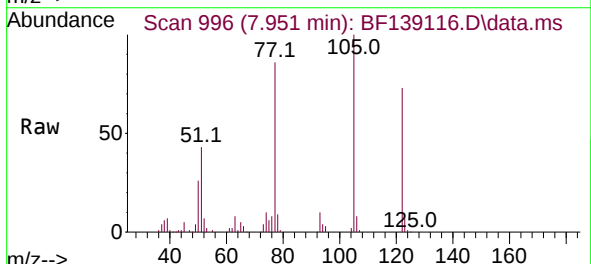
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



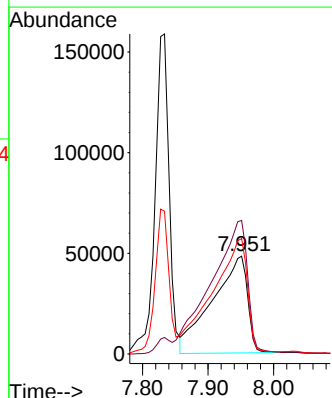
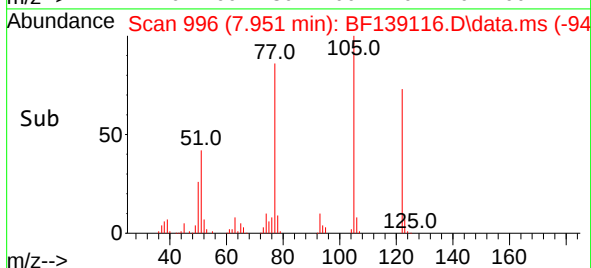
Tgt Ion:128 Resp: 848193
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 10.7 16.1

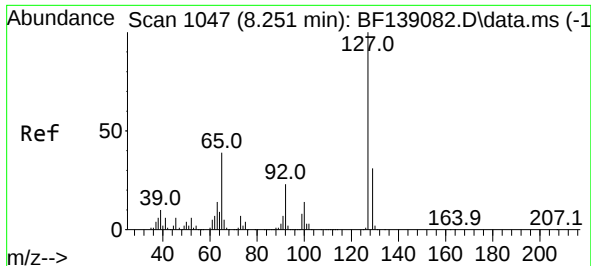


#32
Benzoic acid
Concen: 50.380 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.011 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



Tgt Ion:122 Resp: 179295
Ion Ratio Lower Upper
122 100
105 136.5 119.6 159.6
77 118.1 97.6 137.6

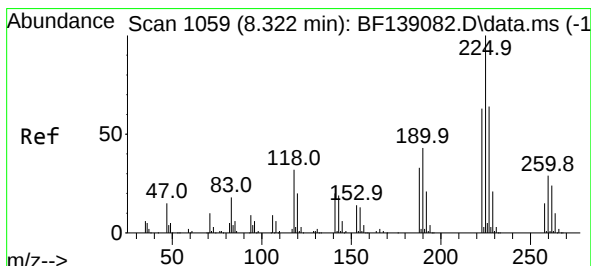
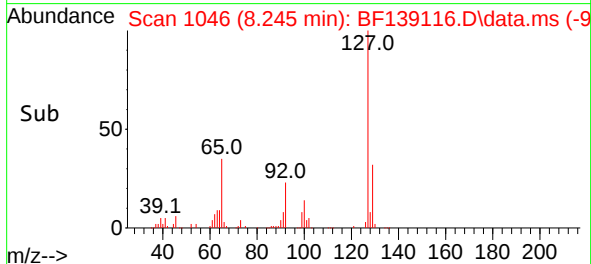
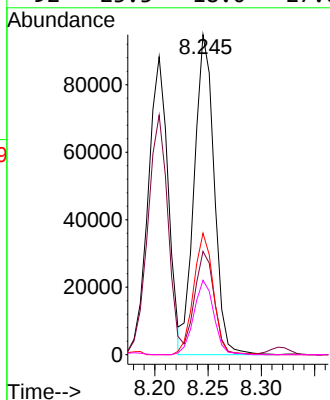
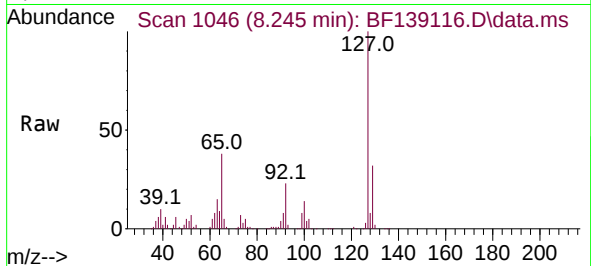




#33
4-Chloroaniline
Concen: 19.483 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

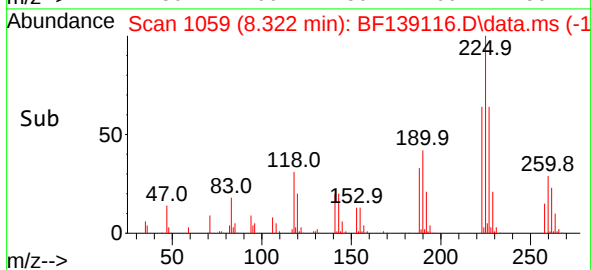
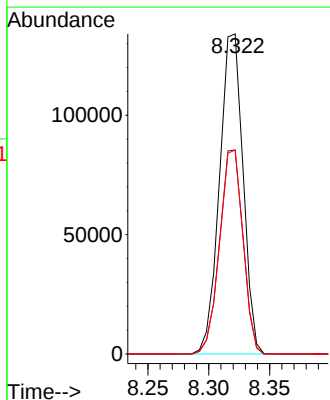
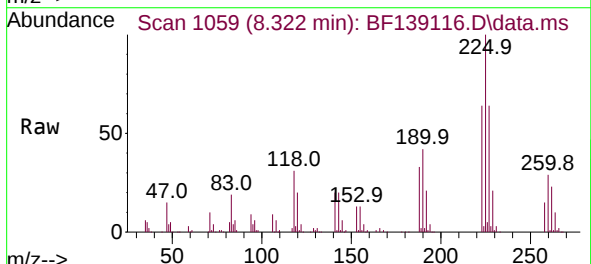
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

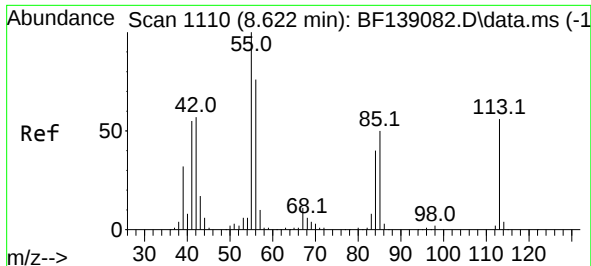
Tgt Ion:127	Resp: 123695
Ion Ratio	Lower Upper
127 100	
129 32.2	26.0 39.0
65 38.0	30.3 45.5
92 23.3	18.0 27.0



#34
Hexachlorobutadiene
Concen: 44.700 ng
RT: 8.322 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:225	Resp: 180247		
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.0	75.0
227	63.7	51.4	77.2

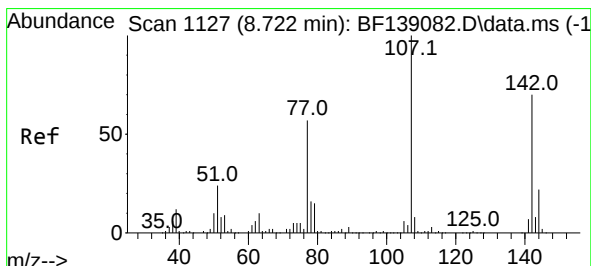
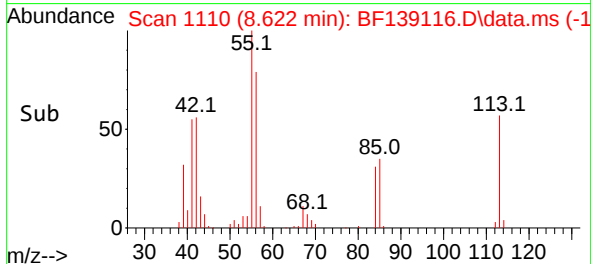
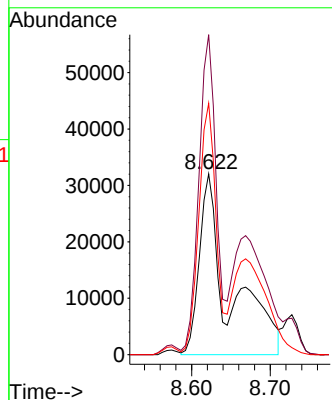
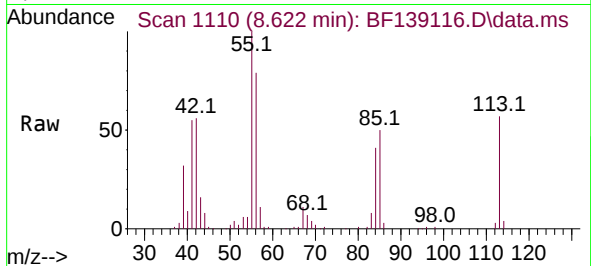




#35
 Caprolactam
 Concen: 50.070 ng m
 RT: 8.622 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: BF139116.D
 Acq: 22 Aug 2024 11:53

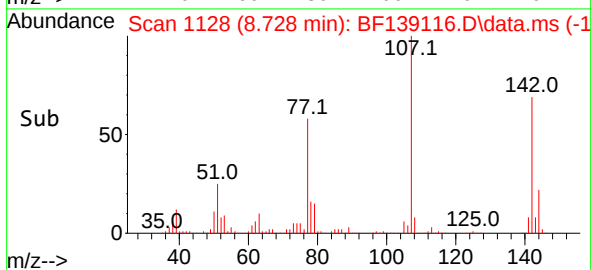
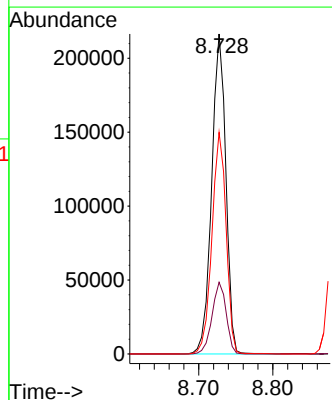
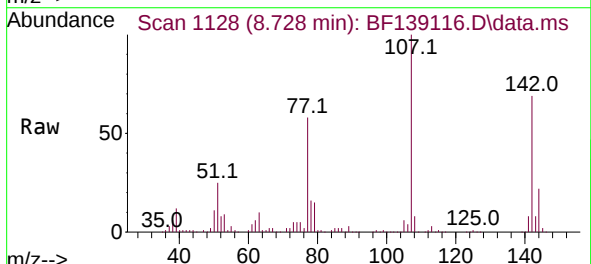
Instrument :
 BNA_F
 ClientSampleId :
 PB162687BSD

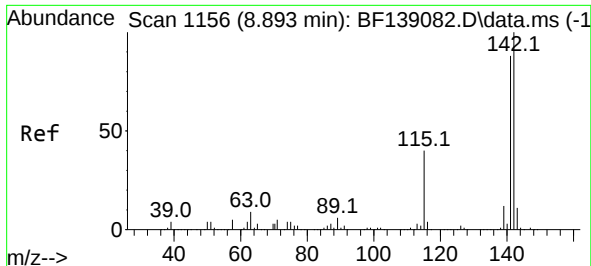
Tgt Ion:113 Resp: 83684
 Ion Ratio Lower Upper
 113 100
 55 176.9 158.6 198.6
 56 139.0 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.101 ng
 RT: 8.728 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: BF139116.D
 Acq: 22 Aug 2024 11:53

Tgt Ion:107 Resp: 286601
 Ion Ratio Lower Upper
 107 100
 144 22.4 17.7 26.5
 142 69.2 55.6 83.4





#37

2-Methylnaphthalene

Concen: 47.269 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

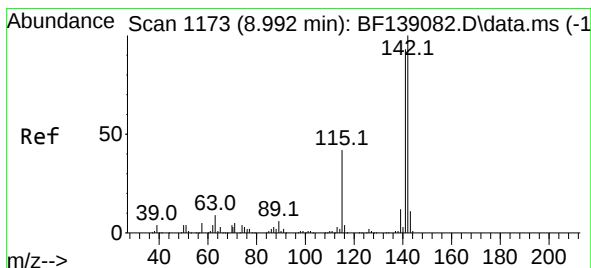
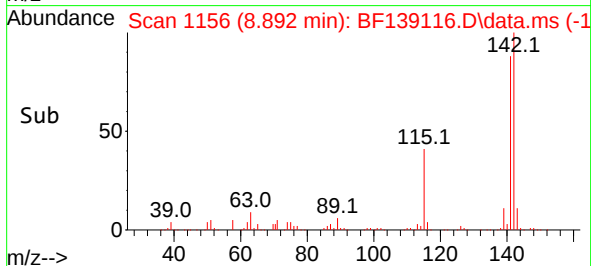
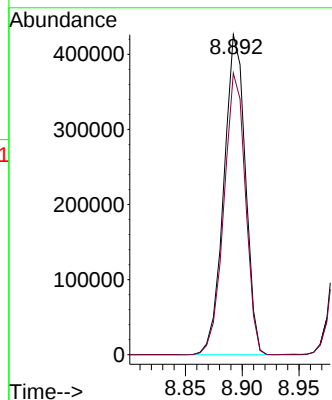
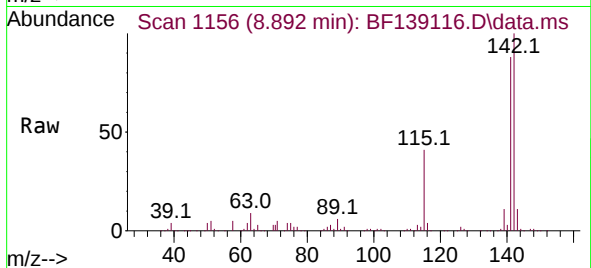
PB162687BSD

Tgt Ion:142 Resp: 562078

Ion Ratio Lower Upper

142 100

141 88.0 70.6 105.8



#38

1-Methylnaphthalene

Concen: 45.162 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF139116.D

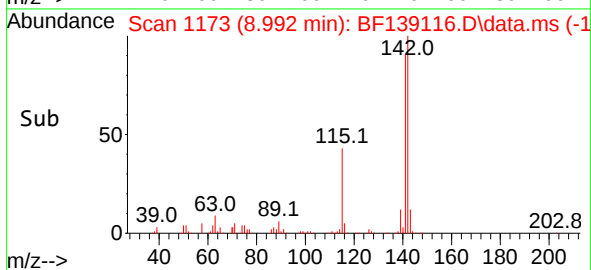
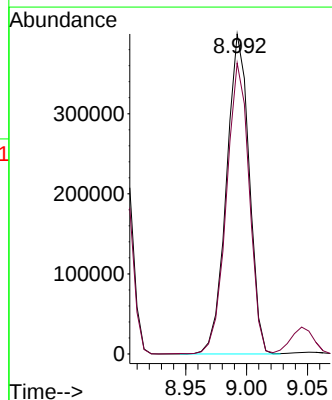
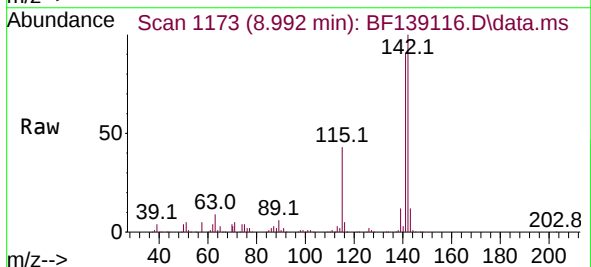
Acq: 22 Aug 2024 11:53

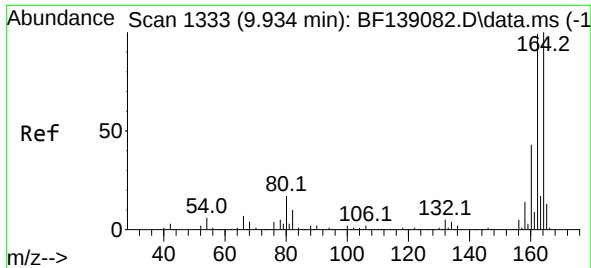
Tgt Ion:142 Resp: 518293

Ion Ratio Lower Upper

142 100

141 91.0 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: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

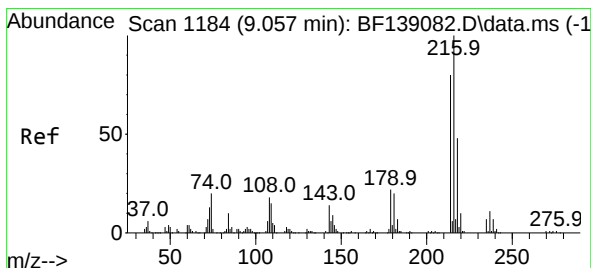
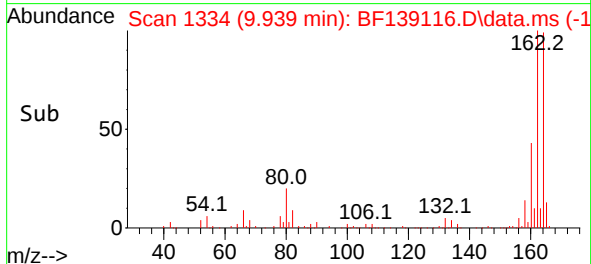
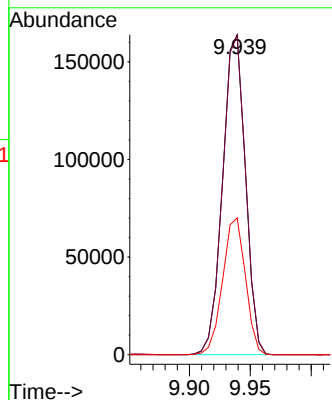
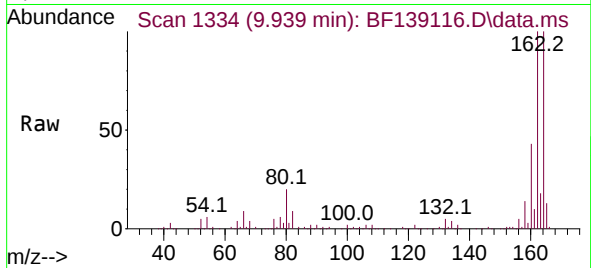
Tgt Ion:164 Resp: 213614

Ion Ratio Lower Upper

164 100

162 99.7 79.5 119.3

160 42.8 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.648 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Tgt Ion:216 Resp: 277079

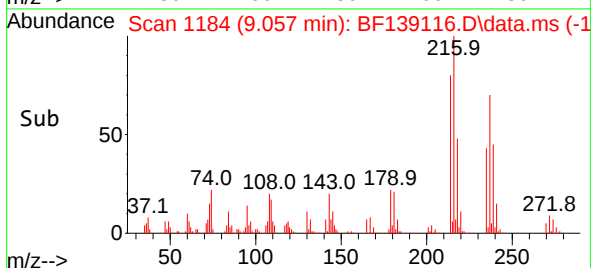
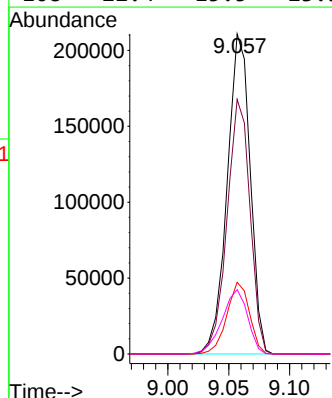
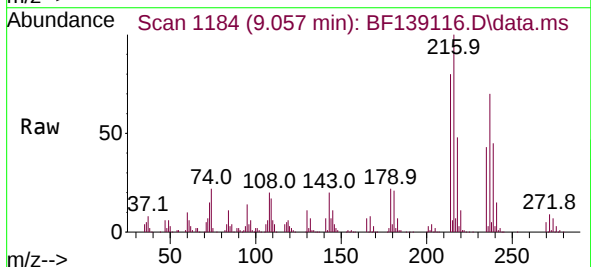
Ion Ratio Lower Upper

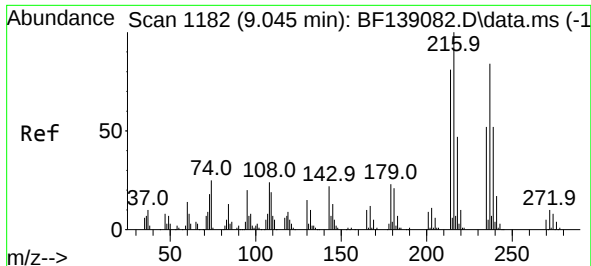
216 100

214 79.1 64.2 96.2

179 22.1 17.4 26.2

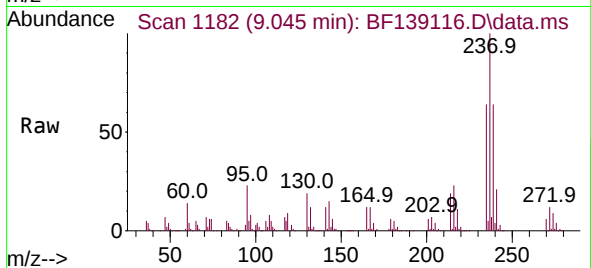
108 22.4 15.5 23.3



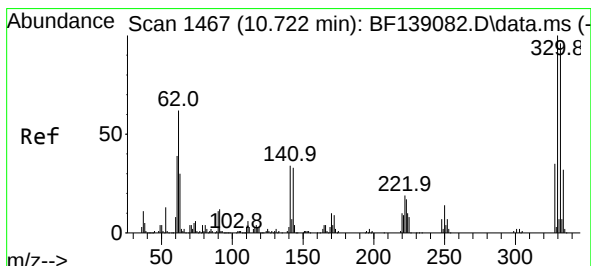
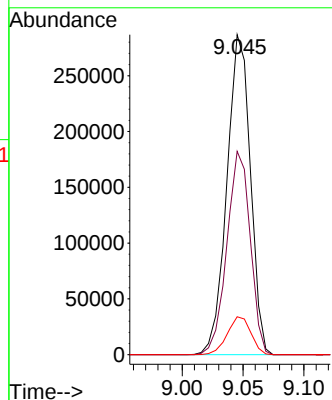
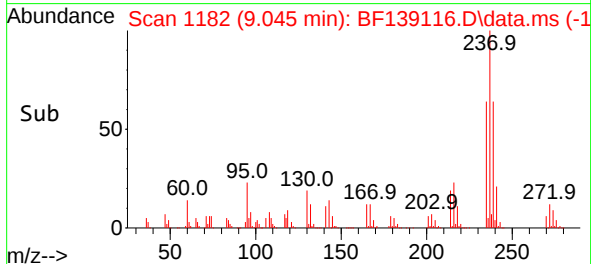


#41
Hexachlorocyclopentadiene
Concen: 171.260 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

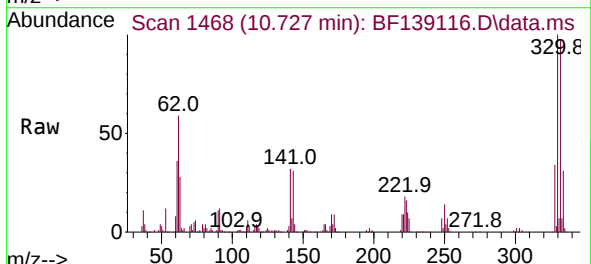
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



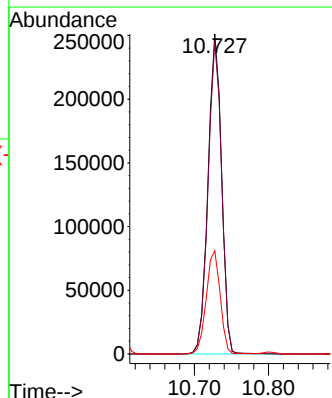
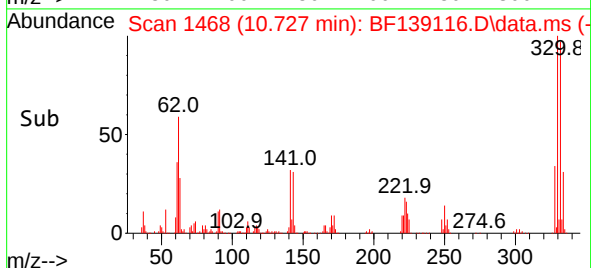
Tgt Ion:237 Resp: 384938
Ion Ratio Lower Upper
237 100
235 63.6 42.5 82.5
272 11.9 0.0 32.0

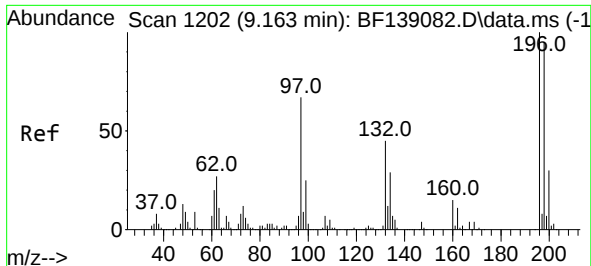


#42
2,4,6-Tribromophenol
Concen: 165.024 ng
RT: 10.727 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



Tgt Ion:330 Resp: 319126
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 33.2 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 49.546 ng

RT: 9.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

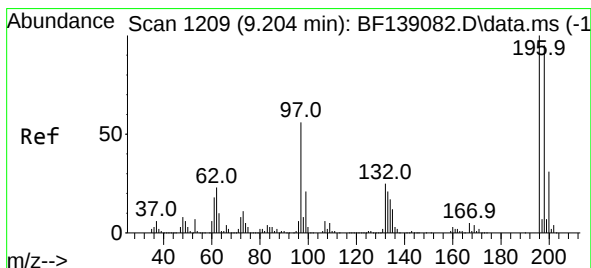
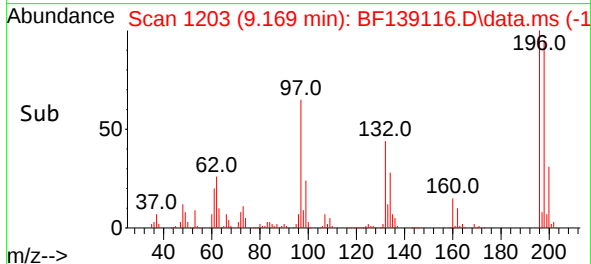
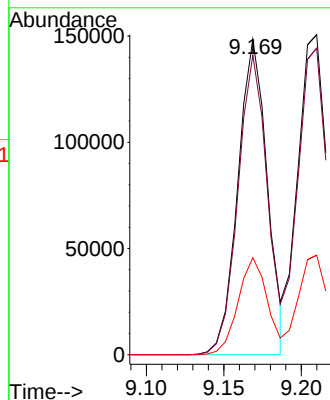
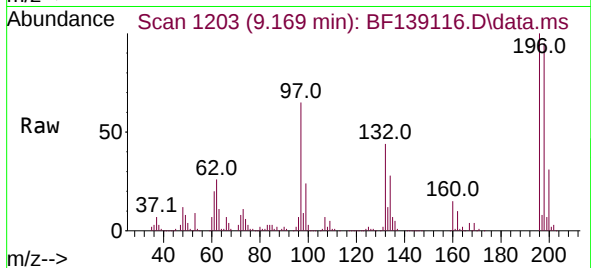
Tgt Ion:196 Resp: 195540

Ion Ratio Lower Upper

196 100

198 94.9 76.4 114.6

200 30.7 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 48.979 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Tgt Ion:196 Resp: 198415

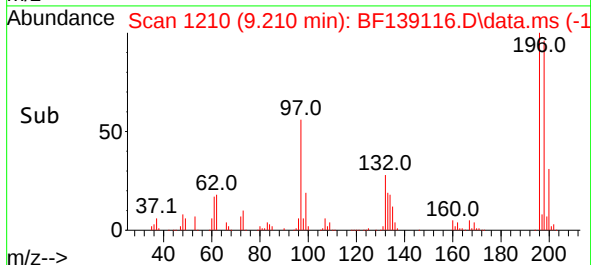
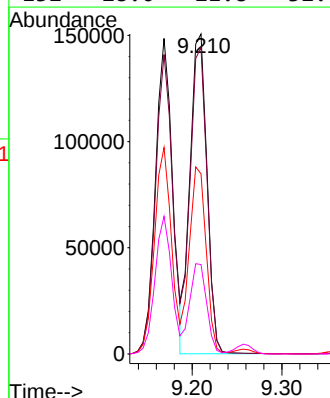
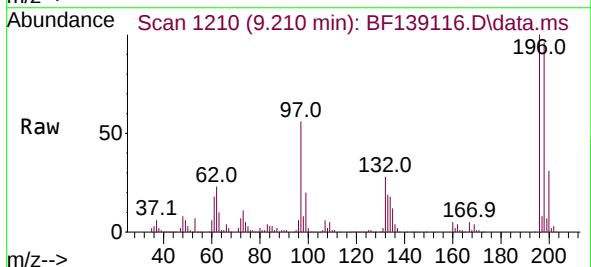
Ion Ratio Lower Upper

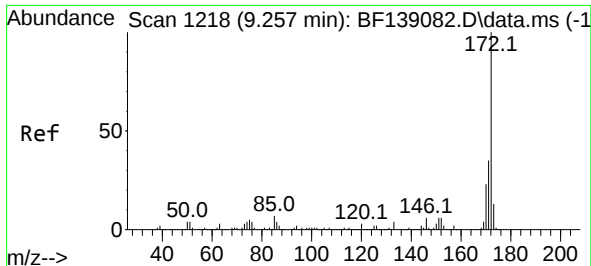
196 100

198 95.8 76.6 114.8

97 56.3 44.6 67.0

132 28.0 21.8 32.6

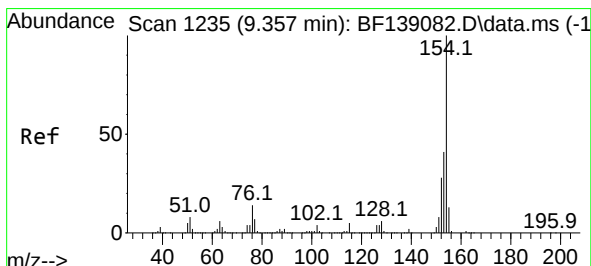
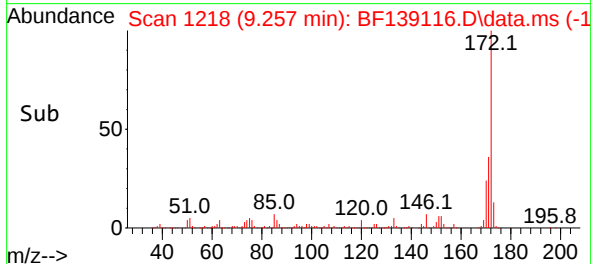
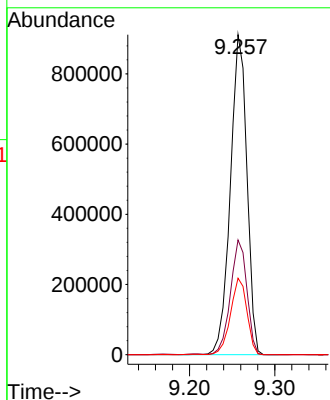
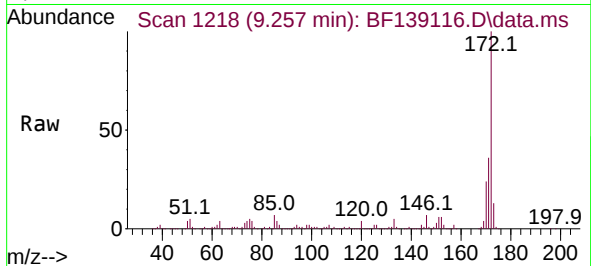




#45
2-Fluorobiphenyl
Concen: 91.459 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

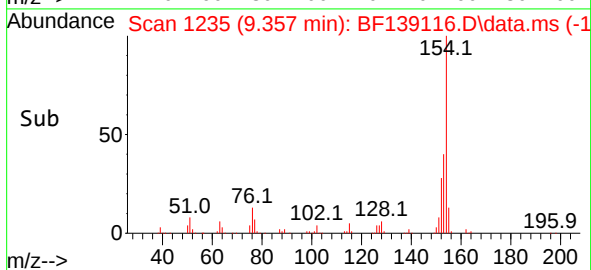
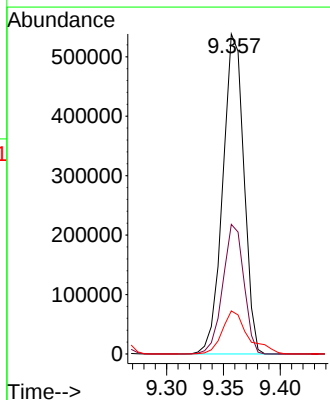
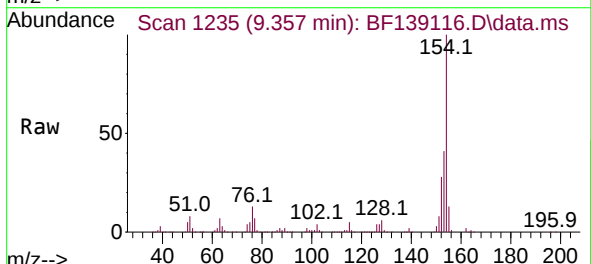
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

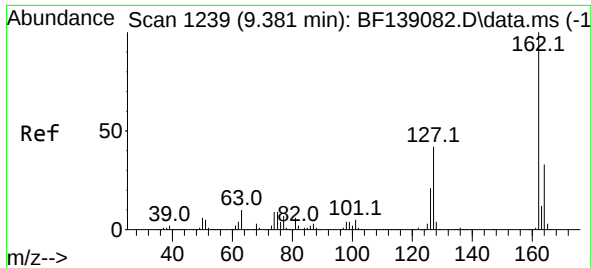
Tgt Ion:172 Resp: 1231363
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.9 18.8 28.2



#46
1,1'-Biphenyl
Concen: 47.586 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:154 Resp: 696322
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 13.5 0.0 33.6

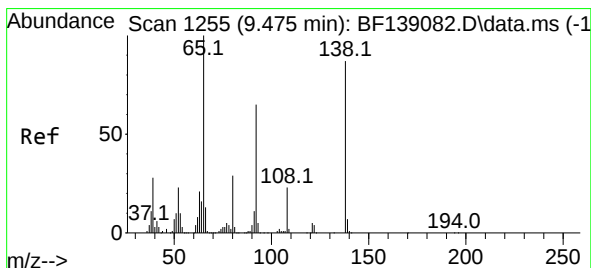
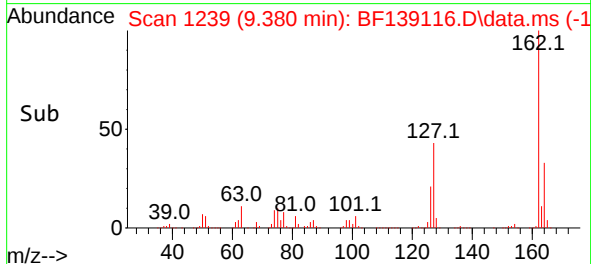
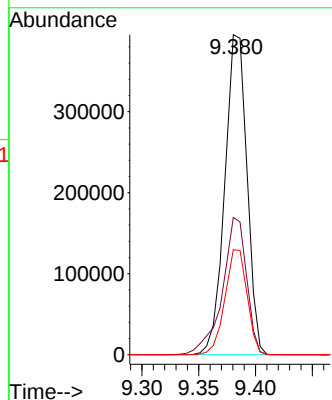
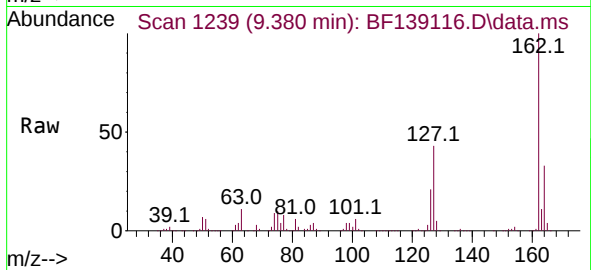




#47
2-Chloronaphthalene
Concen: 45.162 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.001 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

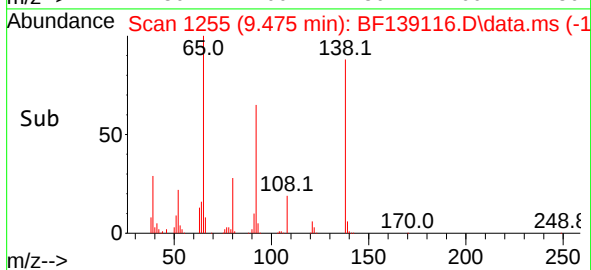
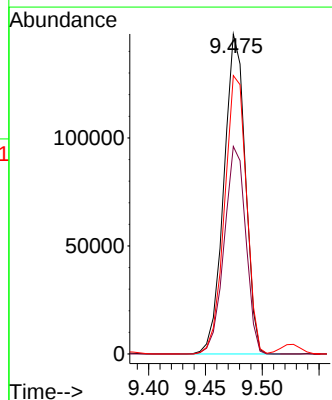
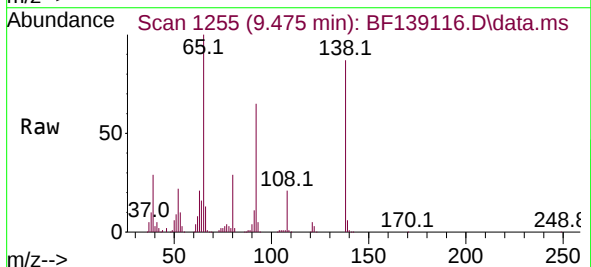
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

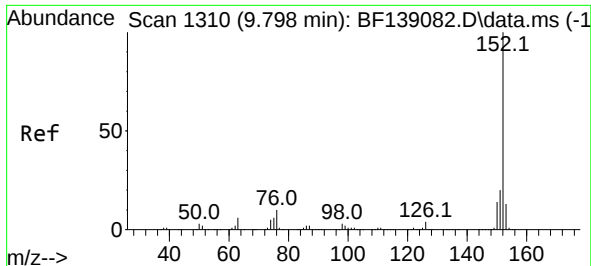
Tgt Ion:162 Resp: 536971
Ion Ratio Lower Upper
162 100
127 42.9 33.8 50.6
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 56.072 ng
RT: 9.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion: 65 Resp: 194753
Ion Ratio Lower Upper
65 100
92 64.9 52.4 78.6
138 87.0 69.4 104.0





#49

Acenaphthylene

Concen: 50.777 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

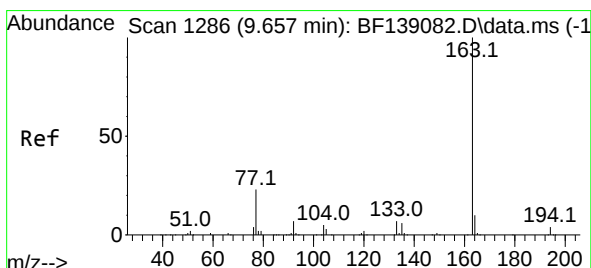
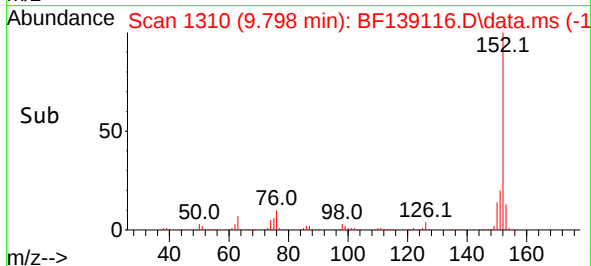
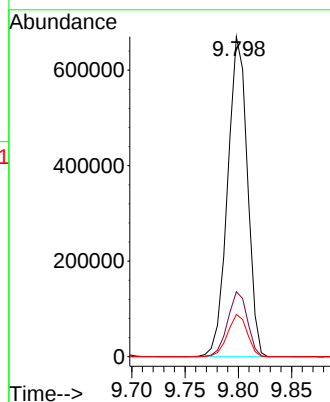
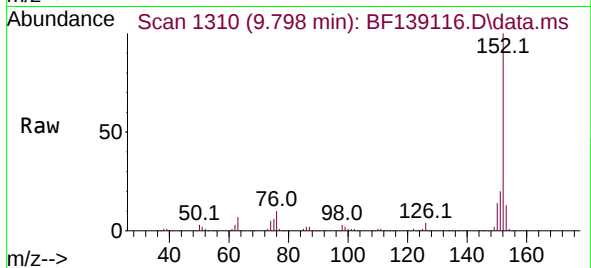
Tgt Ion:152 Resp: 864839

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 50.384 ng

RT: 9.663 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

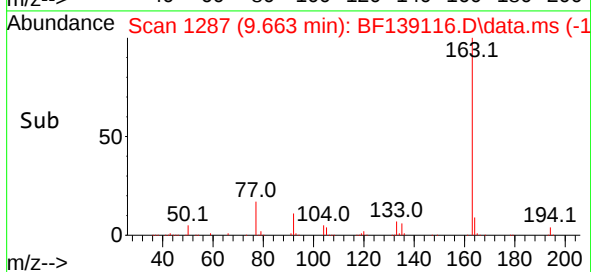
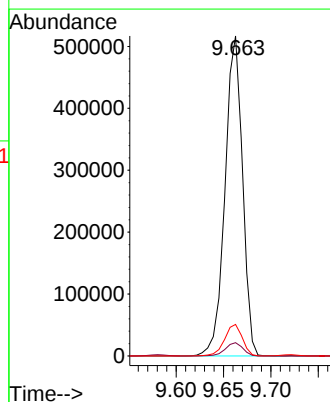
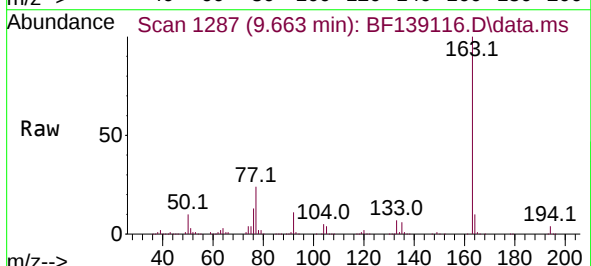
Tgt Ion:163 Resp: 664451

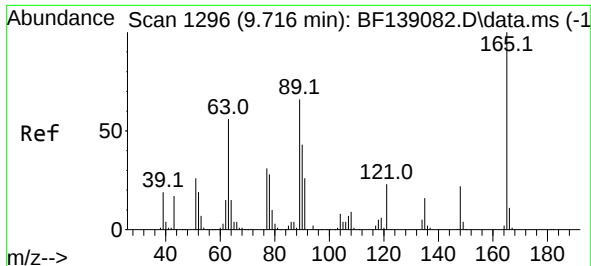
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 53.277 ng

RT: 9.722 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

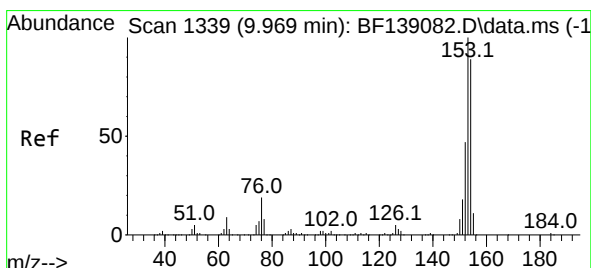
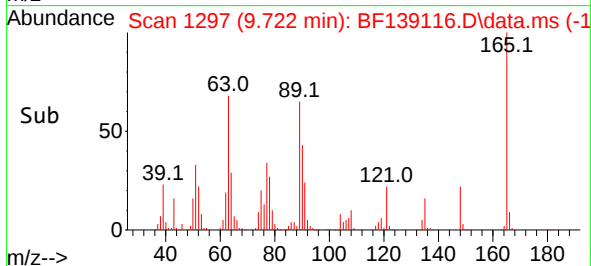
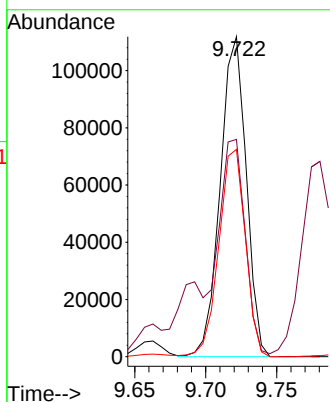
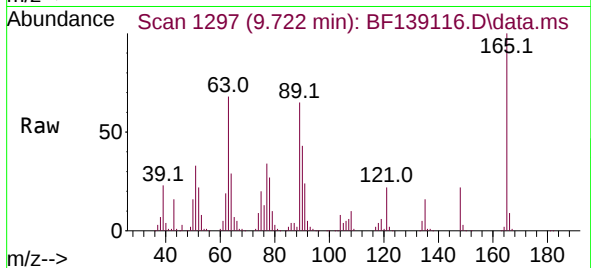
Tgt Ion:165 Resp: 142379

Ion Ratio Lower Upper

165 100

63 67.9 58.0 87.0

89 64.8 53.3 79.9



#52

Acenaphthene

Concen: 54.513 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

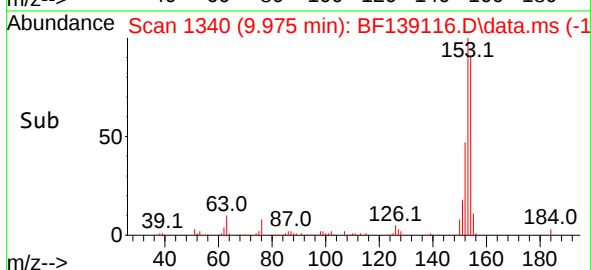
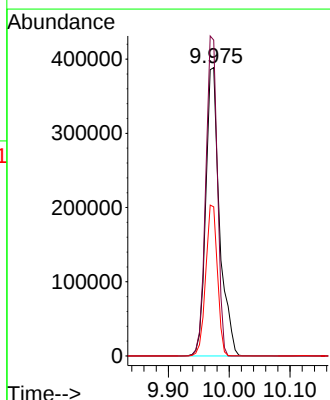
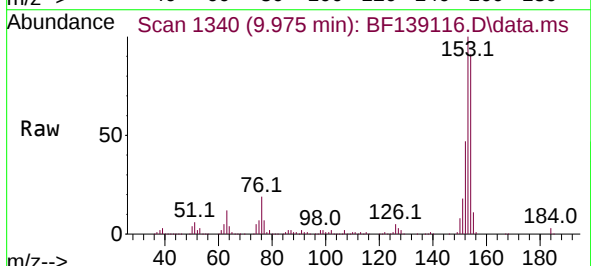
Tgt Ion:154 Resp: 613312

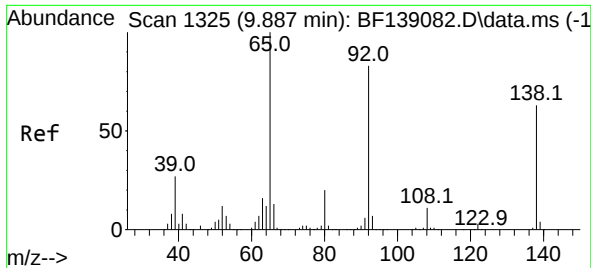
Ion Ratio Lower Upper

154 100

153 109.6 89.7 134.5

152 51.7 42.3 63.5

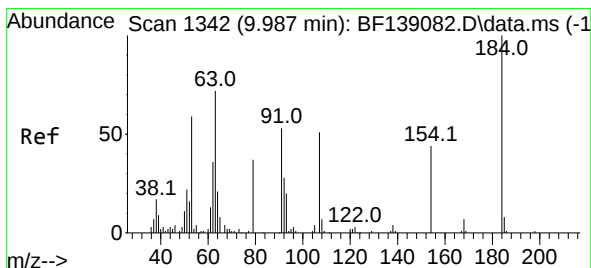
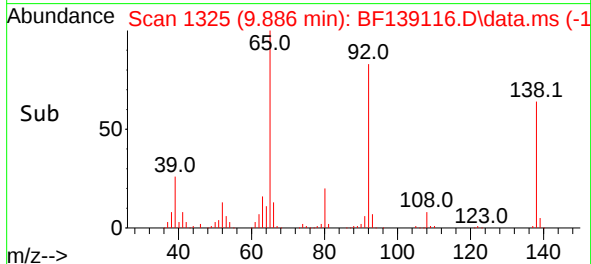
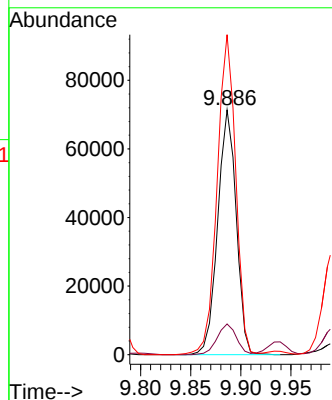
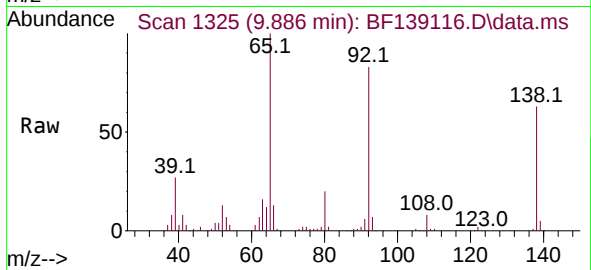




#53
3-Nitroaniline
Concen: 35.398 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

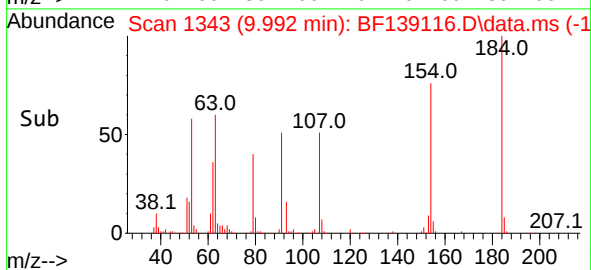
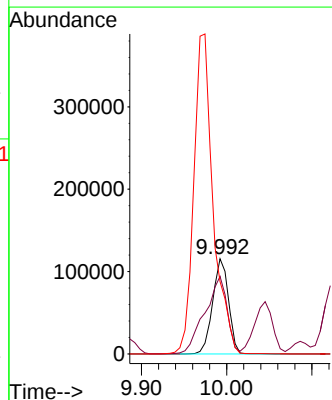
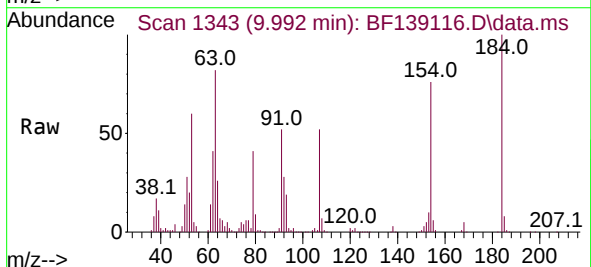
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

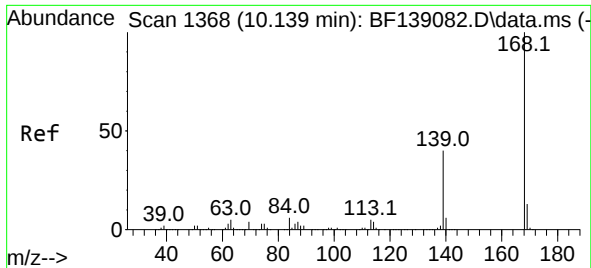
Tgt Ion:138 Resp: 91531
Ion Ratio Lower Upper
138 100
108 12.5 14.6 21.8#
92 130.7 105.9 158.9



#54
2,4-Dinitrophenol
Concen: 107.436 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:184 Resp: 149588
Ion Ratio Lower Upper
184 100
63 81.6 70.5 105.7
154 76.1 135.0 202.6#

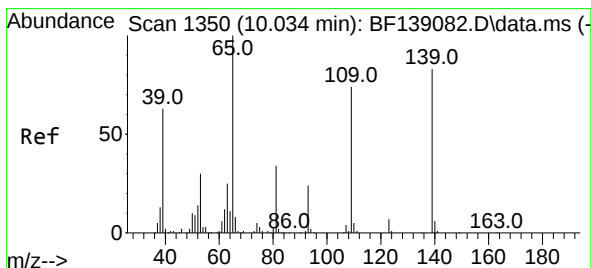
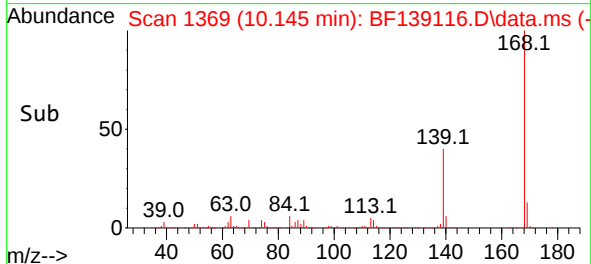
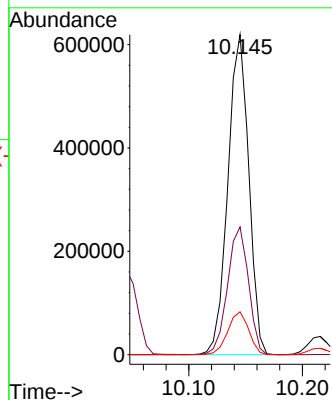
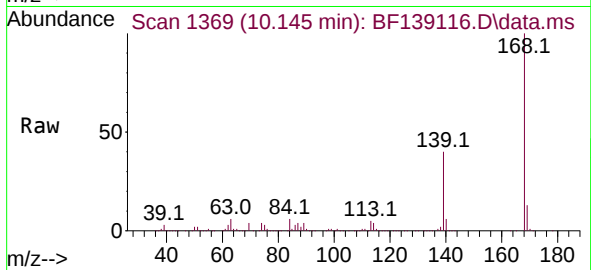




#55
Dibenzenofuran
Concen: 48.319 ng
RT: 10.145 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

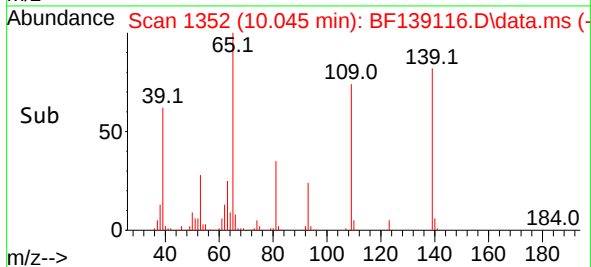
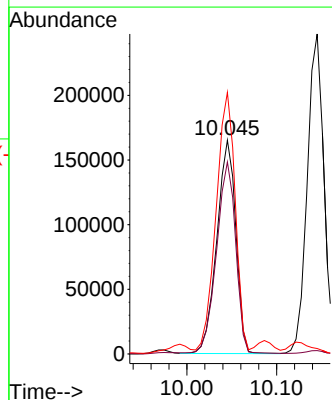
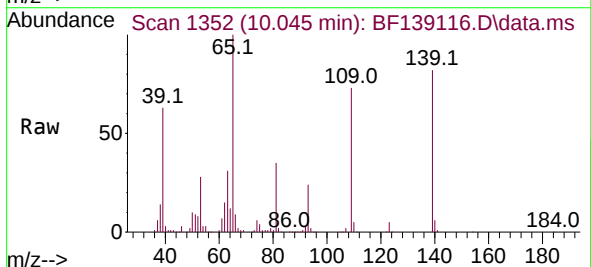
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

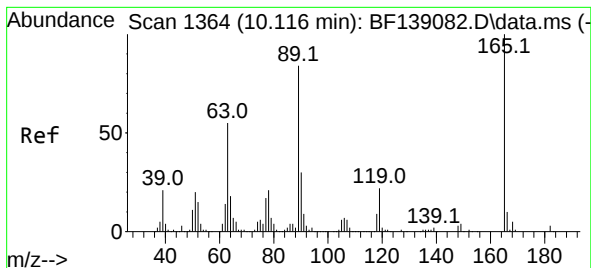
Tgt Ion:168 Resp: 789610
Ion Ratio Lower Upper
168 100
139 40.0 31.6 47.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 122.011 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:139 Resp: 243217
Ion Ratio Lower Upper
139 100
109 89.8 68.8 108.8
65 122.4 101.3 141.3

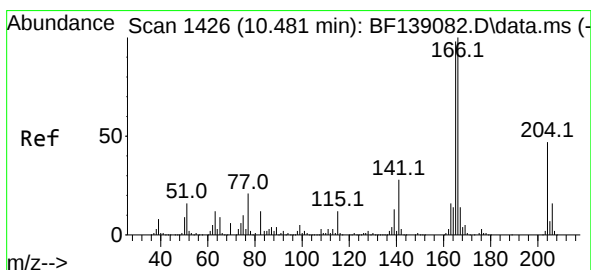
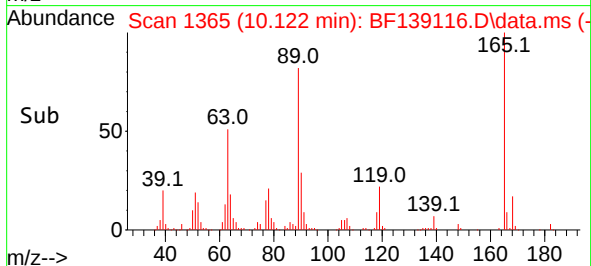
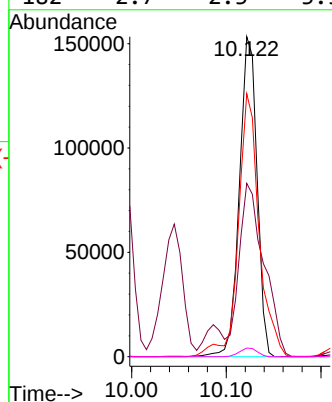
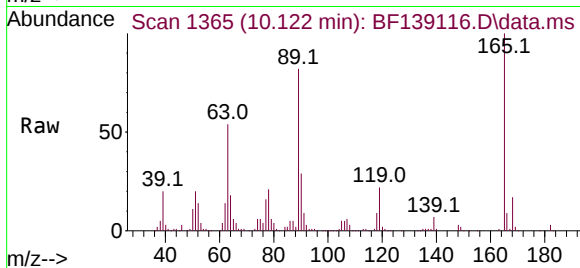




#57
2,4-Dinitrotoluene
Concen: 58.571 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

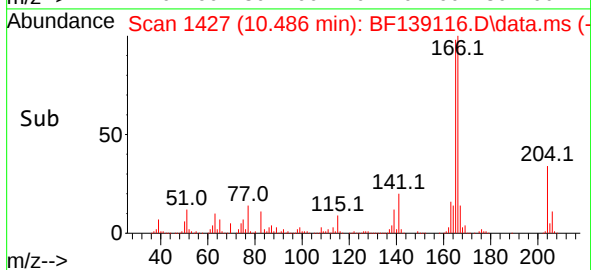
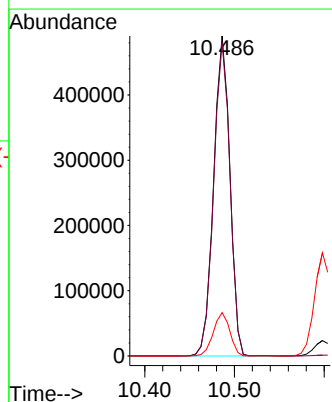
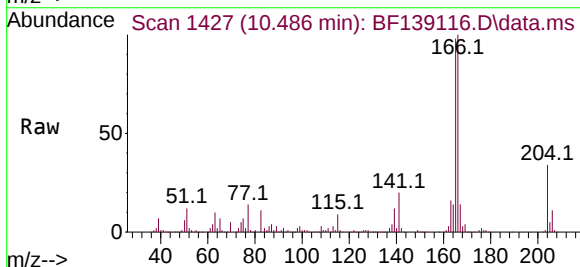
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

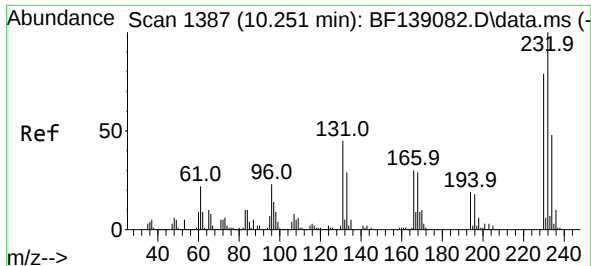
Tgt Ion:165 Resp: 198813
Ion Ratio Lower Upper
165 100
63 54.2 44.2 66.4
89 82.2 67.4 101.2
182 2.7 2.3 3.5



#58
Fluorene
Concen: 47.364 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:166 Resp: 618565
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.5 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.930 ng

RT: 10.257 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

Tgt Ion:232 Resp: 178668

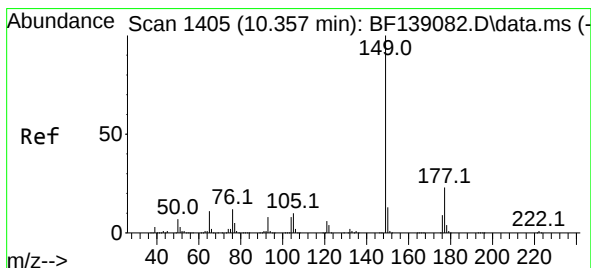
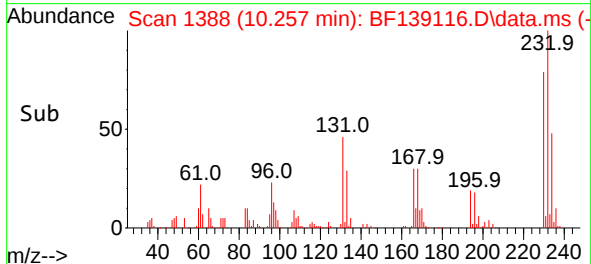
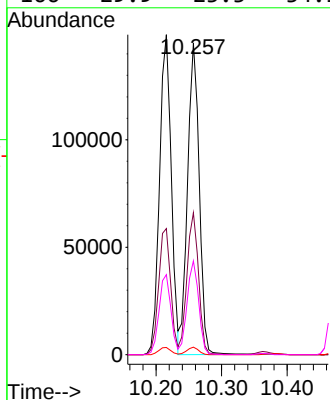
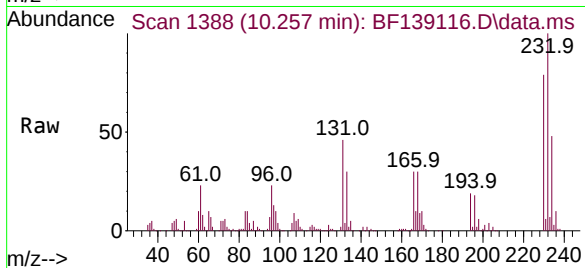
Ion Ratio Lower Upper

232 100

131 45.3 36.0 54.0

130 2.4 2.0 3.0

166 29.9 23.3 34.9



#60

Diethylphthalate

Concen: 50.343 ng

RT: 10.363 min Scan# 1406

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

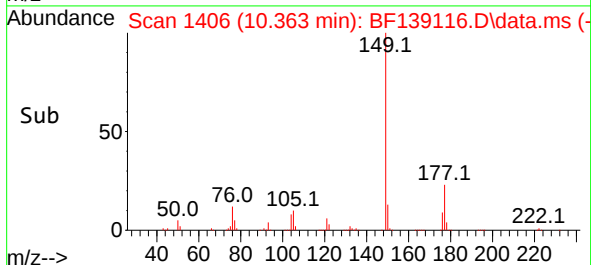
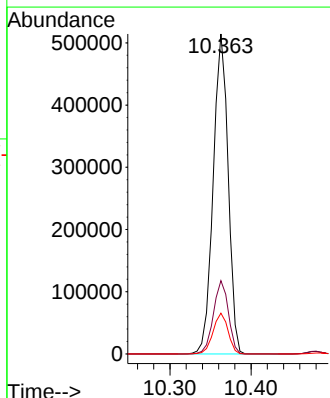
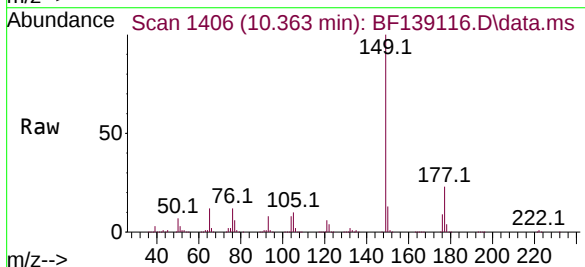
Tgt Ion:149 Resp: 657819

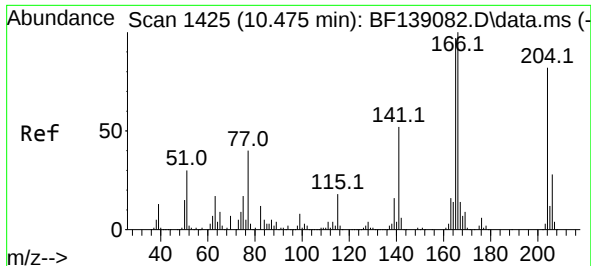
Ion Ratio Lower Upper

149 100

177 22.9 18.4 27.6

150 12.7 10.2 15.2

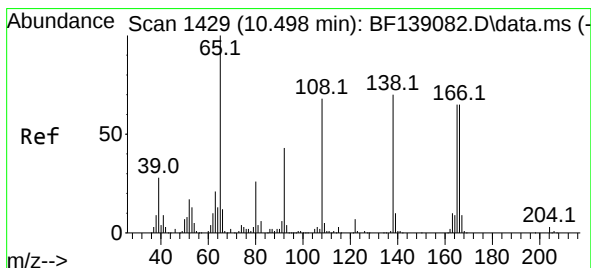
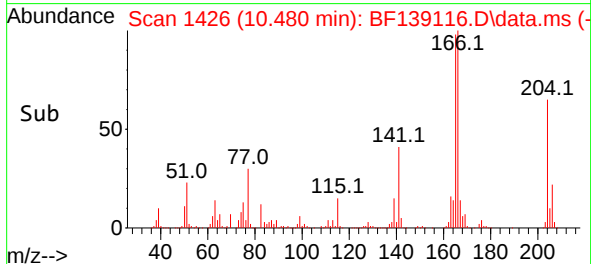
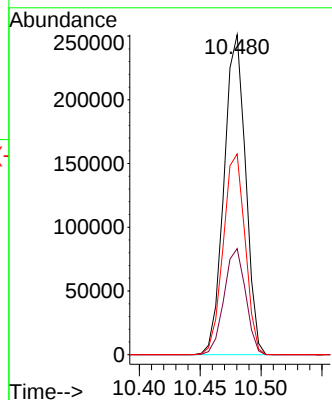
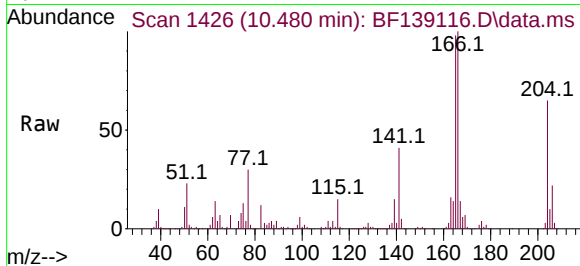




#61
4-Chlorophenyl-phenylether
Concen: 47.381 ng
RT: 10.480 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

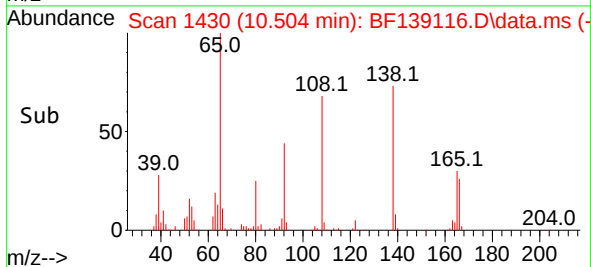
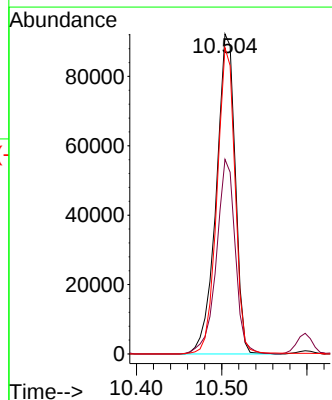
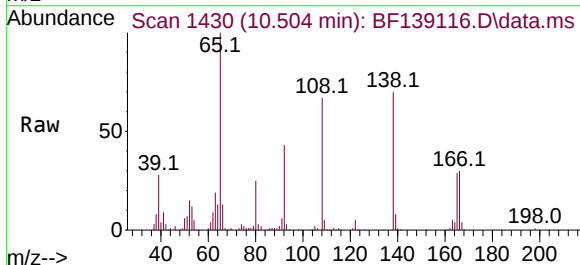
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

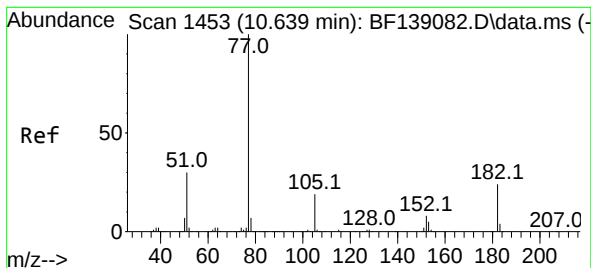
Tgt Ion:204 Resp: 309045
Ion Ratio Lower Upper
204 100
206 33.2 27.0 40.4
141 62.7 50.9 76.3



#62
4-Nitroaniline
Concen: 52.423 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:138 Resp: 142902
Ion Ratio Lower Upper
138 100
92 60.8 41.4 81.4
108 95.7 76.8 116.8





#63

Azobenzene

Concen: 48.591 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

Tgt Ion: 77 Resp: 705585

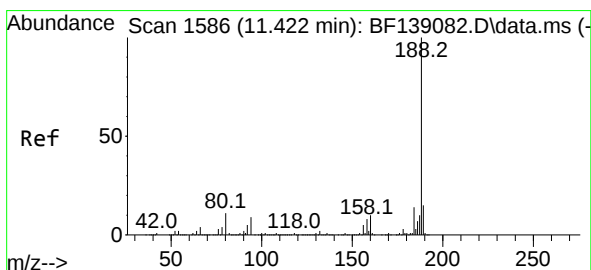
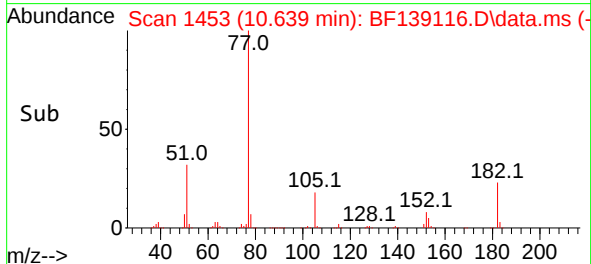
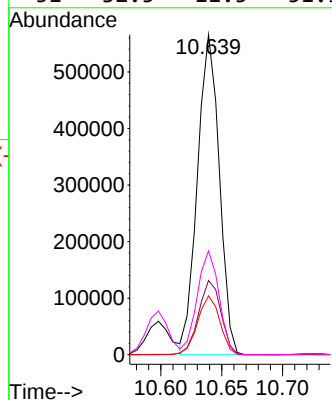
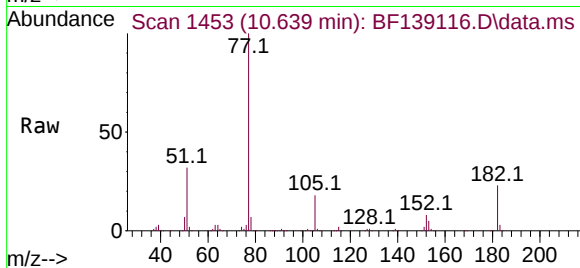
Ion Ratio Lower Upper

77 100

182 23.2 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: BF139116.D

Acq: 22 Aug 2024 11:53

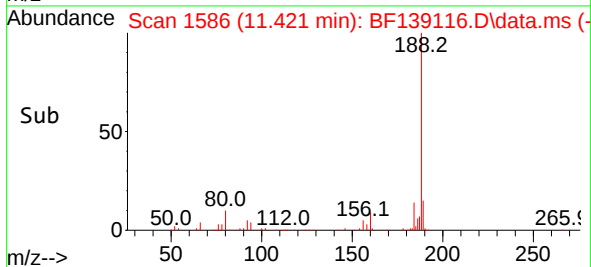
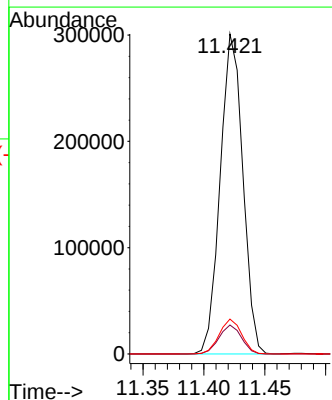
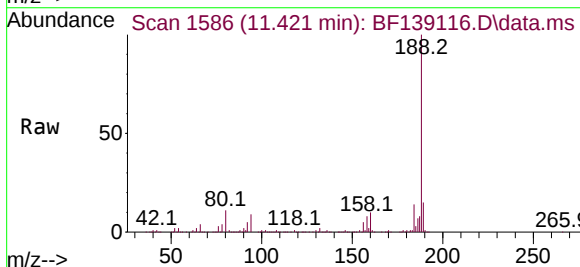
Tgt Ion:188 Resp: 389288

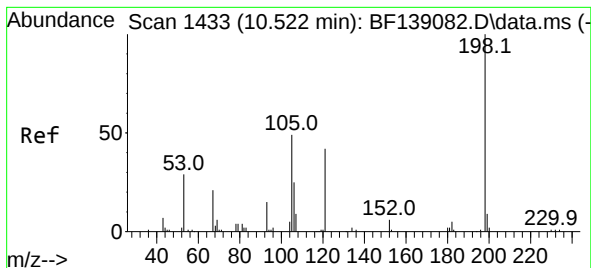
Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 10.9 8.5 12.7

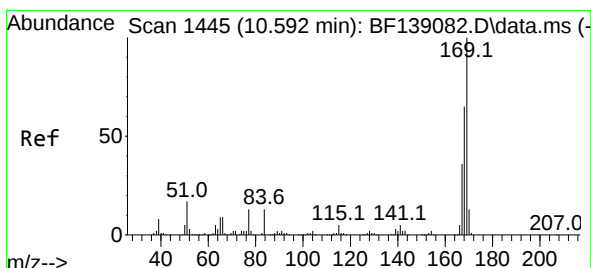
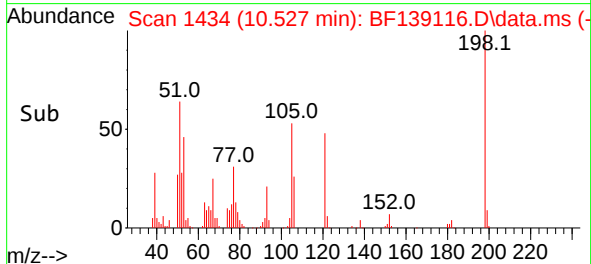
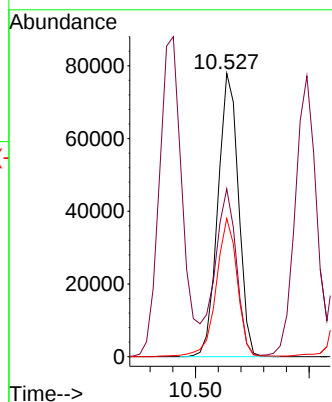
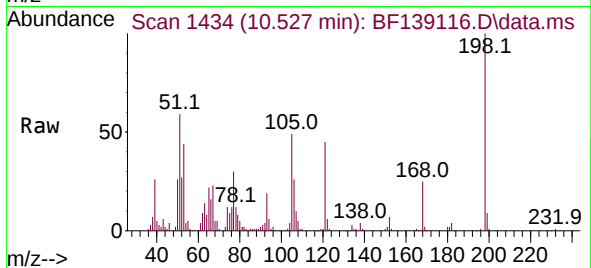




#65
4,6-Dinitro-2-methylphenol
Concen: 63.065 ng
RT: 10.527 min Scan# 1433
Delta R.T. 0.005 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

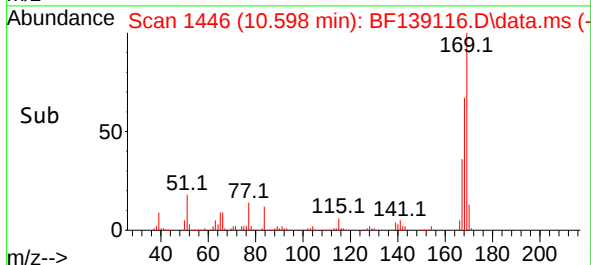
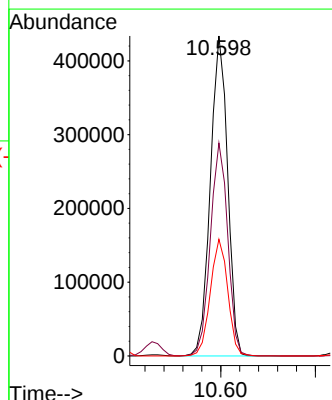
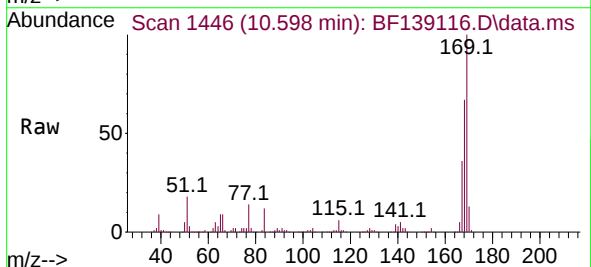
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

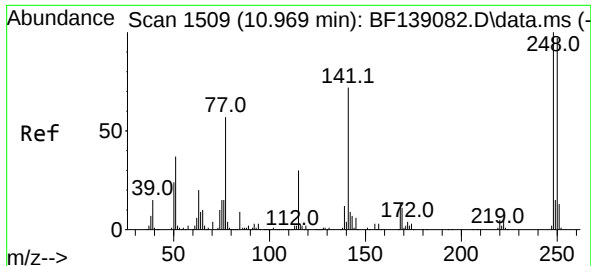
Tgt Ion:198 Resp: 97927
Ion Ratio Lower Upper
198 100
51 59.2 40.8 80.8
105 48.8 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 47.544 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:169 Resp: 547650
Ion Ratio Lower Upper
169 100
168 66.6 52.4 78.6
167 36.4 28.6 43.0

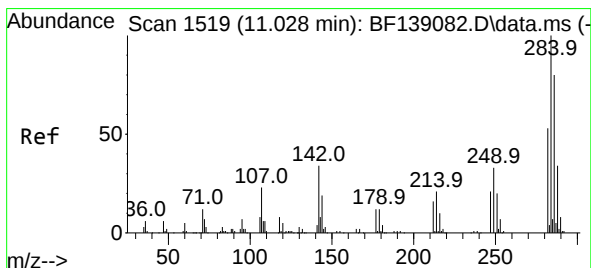
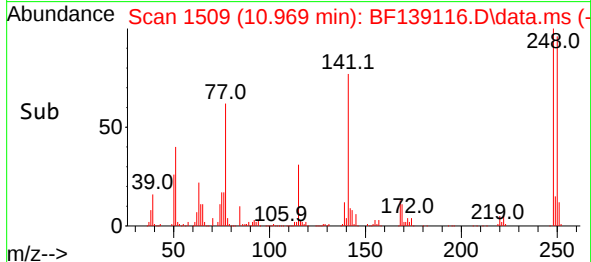
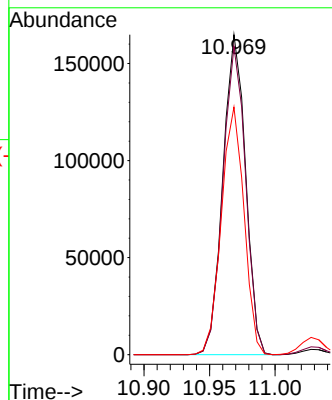
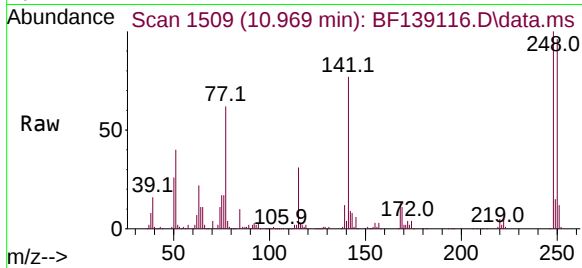




#67
4-Bromophenyl-phenylether
Concen: 48.101 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

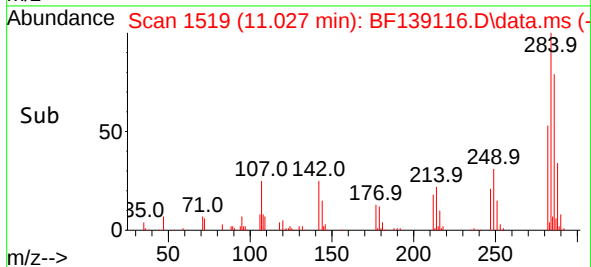
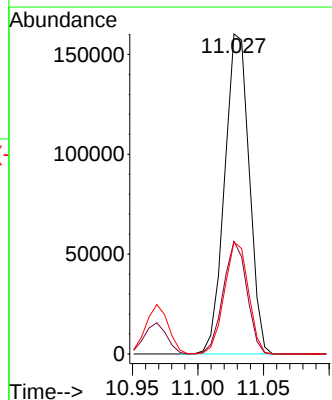
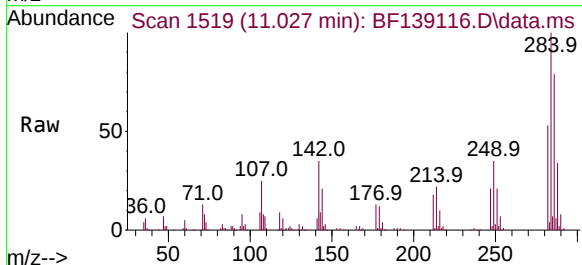
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

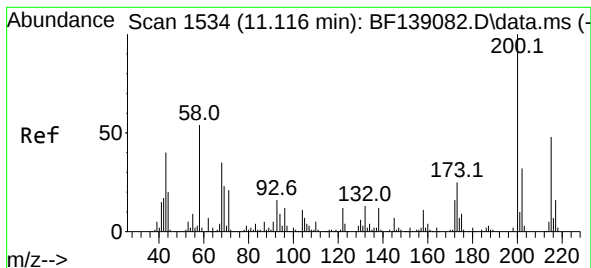
Tgt Ion:248 Resp: 198419
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.8
141 77.3 57.9 86.9



#68
Hexachlorobenzene
Concen: 47.181 ng
RT: 11.027 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:284 Resp: 208797
Ion Ratio Lower Upper
284 100
142 35.2 27.1 40.7
249 35.0 26.8 40.2





#69

Atrazine

Concen: 56.569 ng

RT: 11.127 min Scan# 11

Delta R.T. 0.011 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

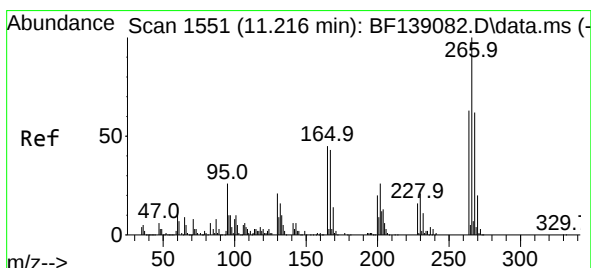
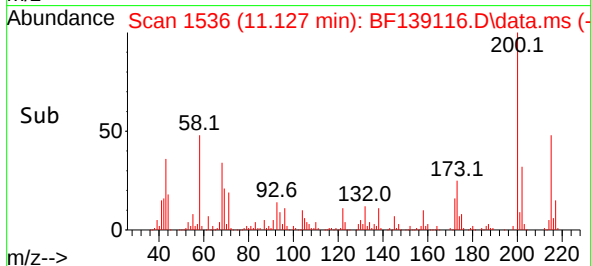
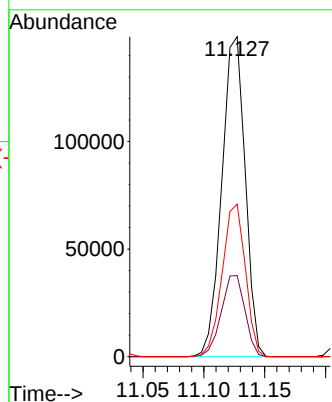
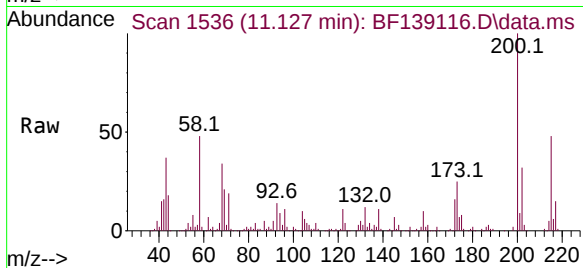
Tgt Ion:200 Resp: 199004

Ion Ratio Lower Upper

200 100

173 25.4 5.2 45.2

215 47.7 27.9 67.9



#70

Pentachlorophenol

Concen: 99.765 ng

RT: 11.221 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

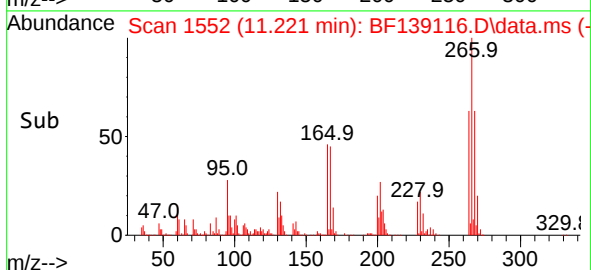
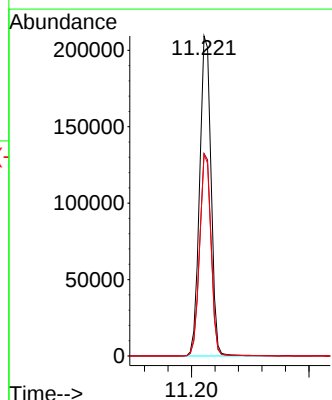
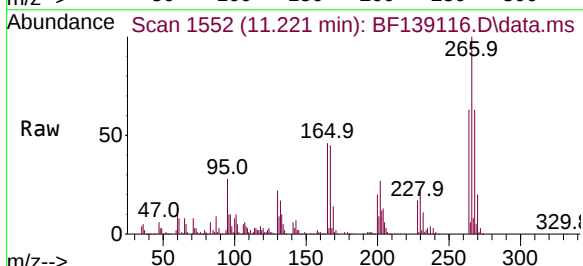
Tgt Ion:266 Resp: 282024

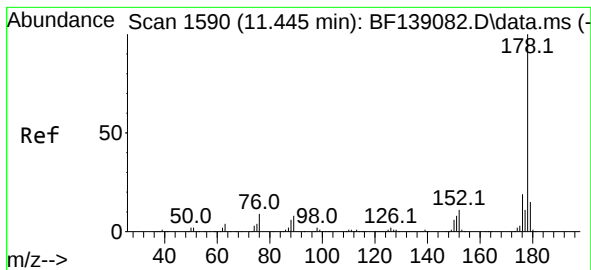
Ion Ratio Lower Upper

266 100

268 63.3 49.5 74.3

264 63.0 50.0 75.0





#71

Phenanthrene

Concen: 47.779 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

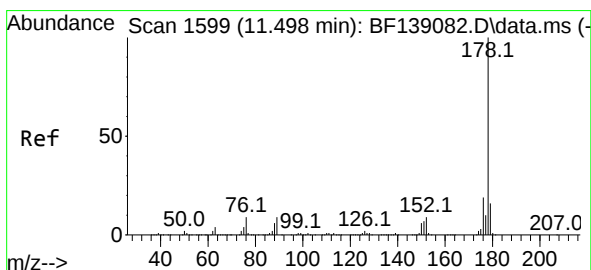
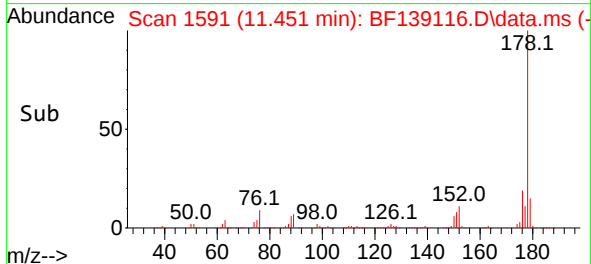
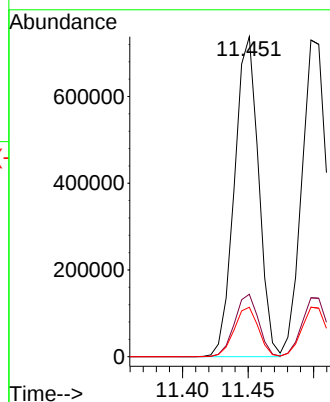
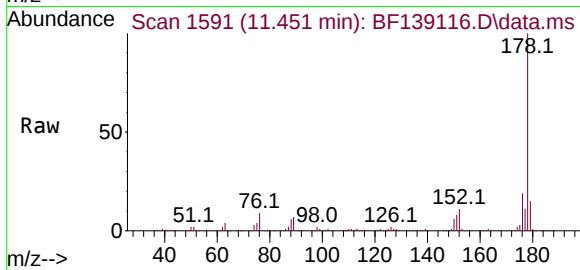
Tgt Ion:178 Resp: 945398

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 49.573 ng

RT: 11.498 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

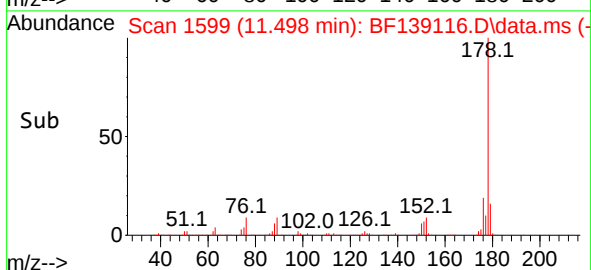
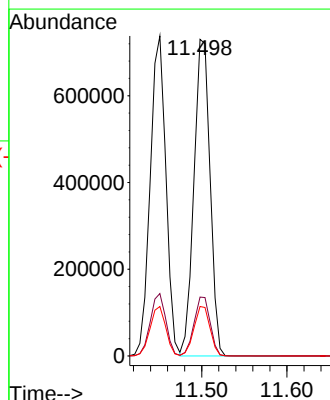
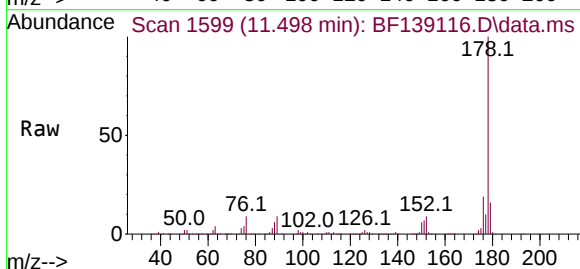
Tgt Ion:178 Resp: 959275

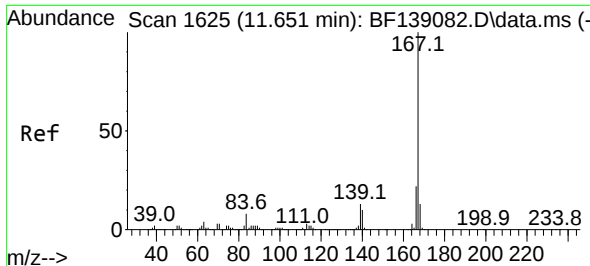
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.6 12.4 18.6

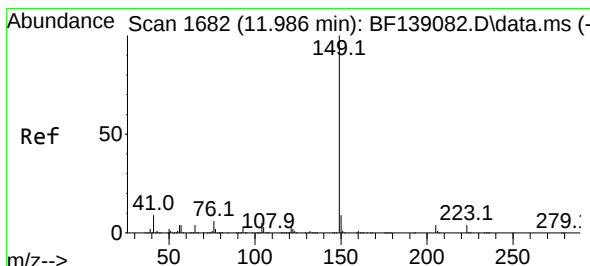
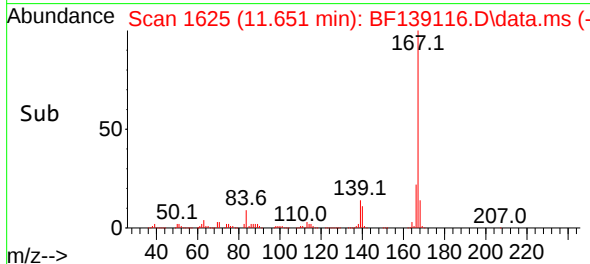
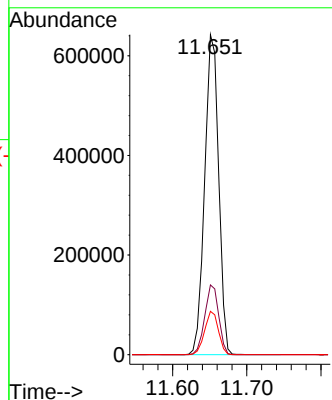
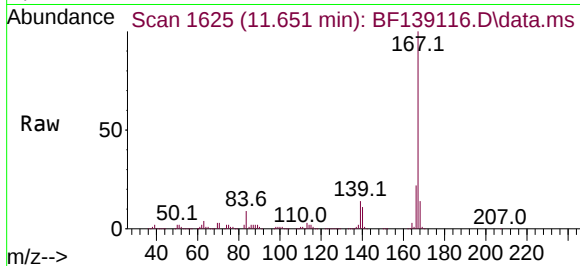




#73
 Carbazole
 Concen: 46.606 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF139116.D
 Acq: 22 Aug 2024 11:53

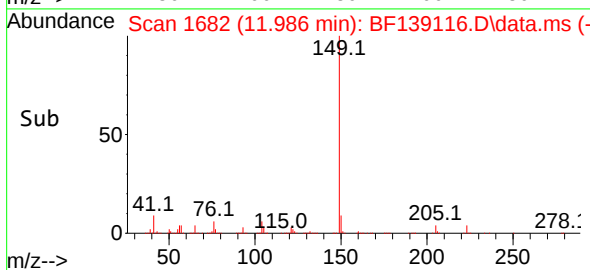
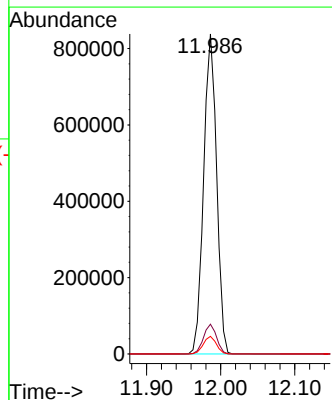
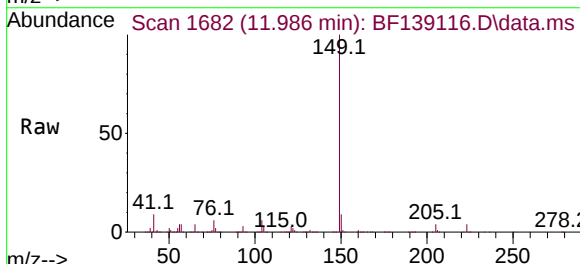
Instrument :
 BNA_F
 ClientSampleId :
 PB162687BSD

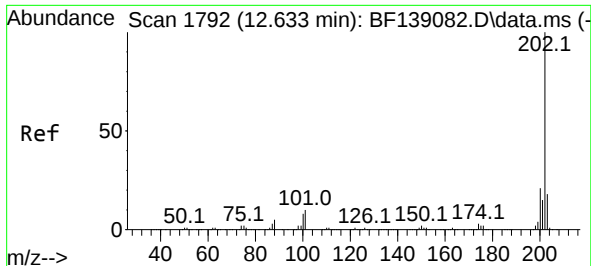
Tgt Ion:167 Resp: 842139
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.5 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 48.812 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139116.D
 Acq: 22 Aug 2024 11:53

Tgt Ion:149 Resp: 1022711
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.5 4.3 6.5

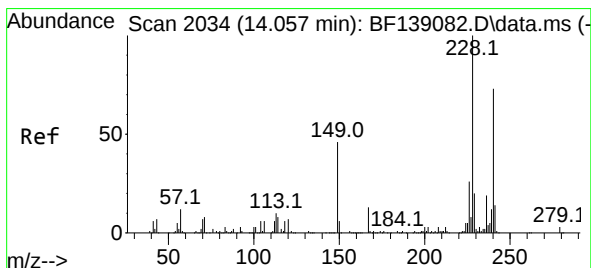
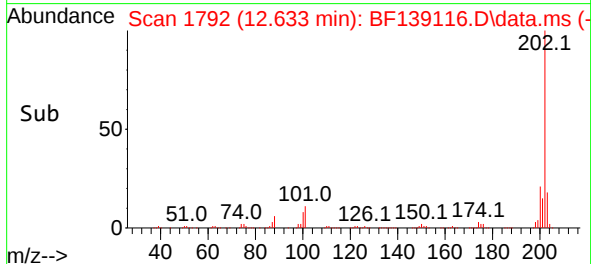
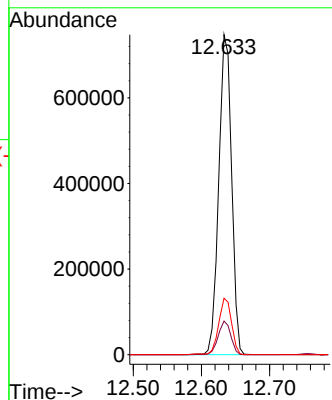
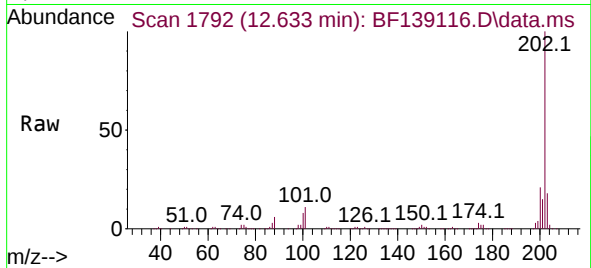




#75
Fluoranthene
Concen: 46.384 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

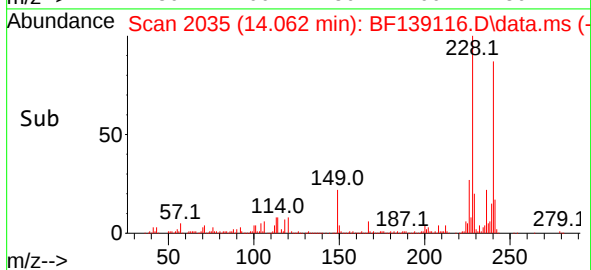
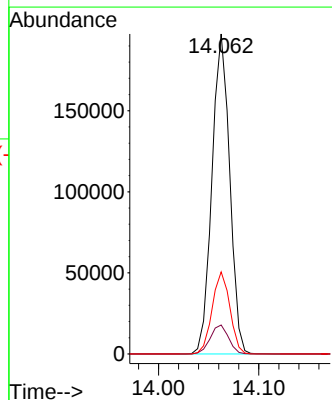
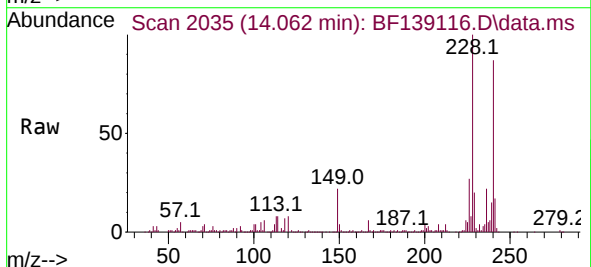
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

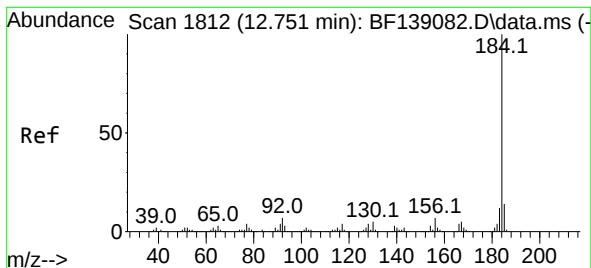
Tgt Ion:202 Resp: 979592
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:240 Resp: 242651
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.7 20.9 31.3





#77

Benzidine

Concen: 75.760 ng

RT: 12.757 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

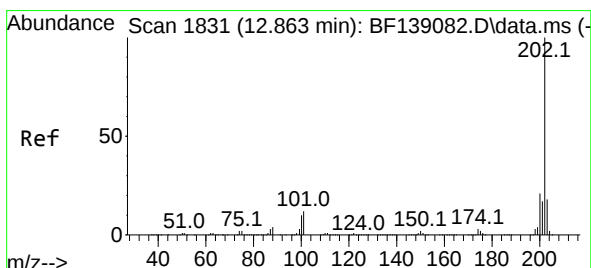
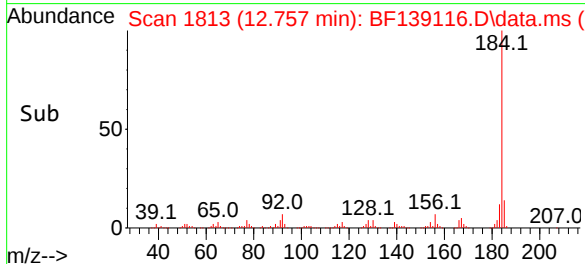
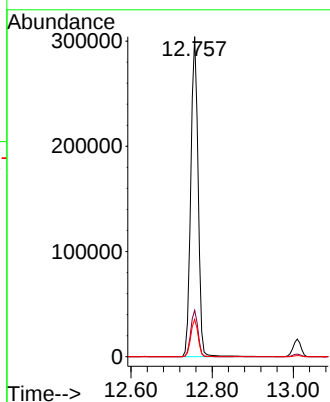
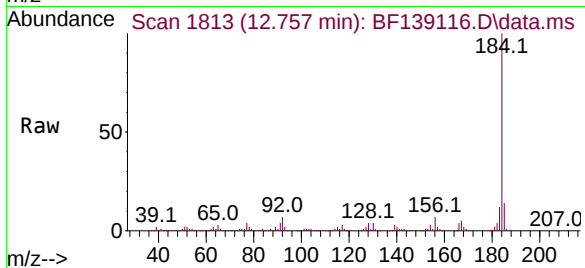
Tgt Ion:184 Resp: 379731

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.7 9.8 14.6



#78

Pyrene

Concen: 49.358 ng

RT: 12.863 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

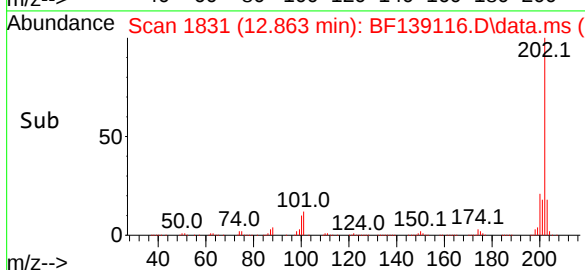
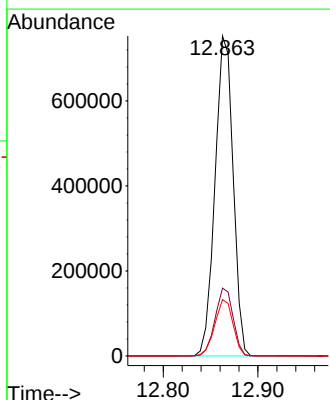
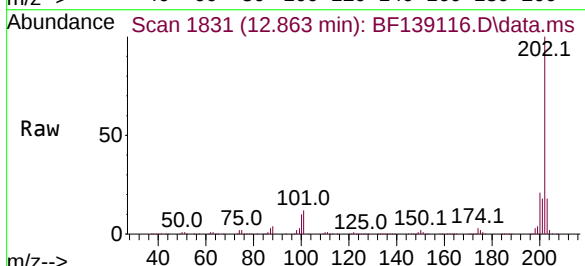
Tgt Ion:202 Resp: 999478

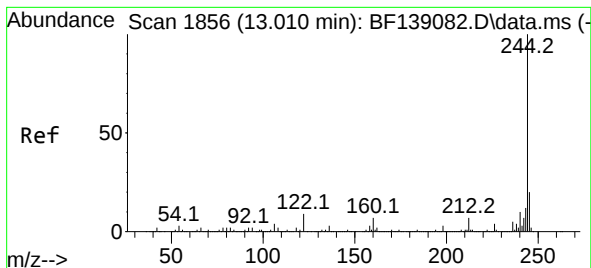
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 105.677 ng

RT: 13.010 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

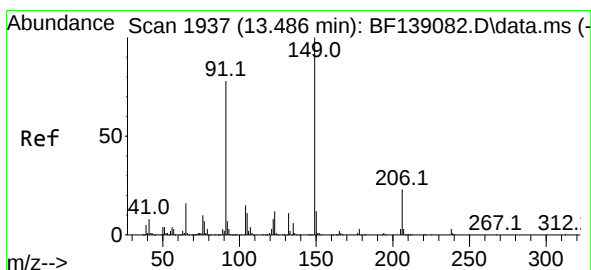
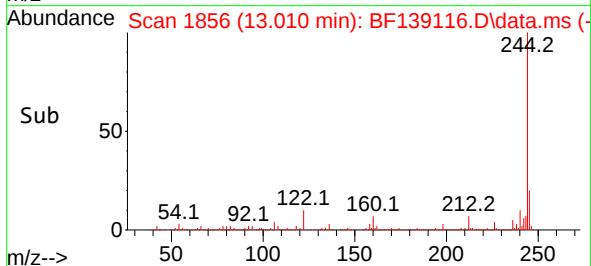
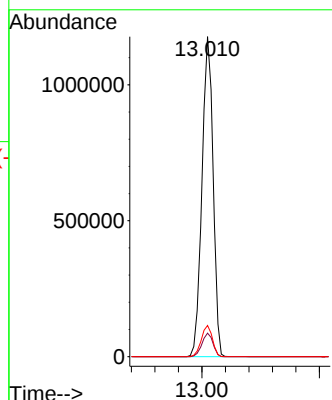
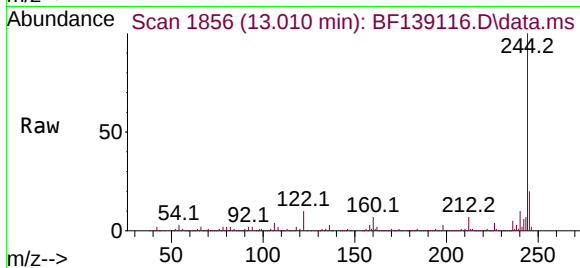
Tgt Ion:244 Resp: 1545396

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.7 7.6 11.4



#80

Butylbenzylphthalate

Concen: 54.691 ng

RT: 13.486 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

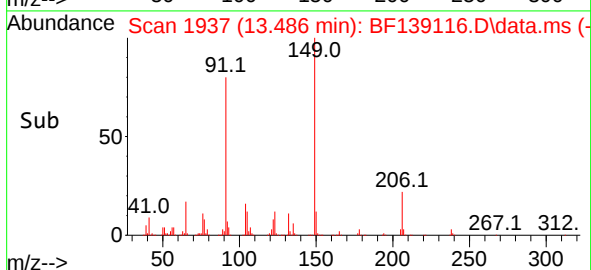
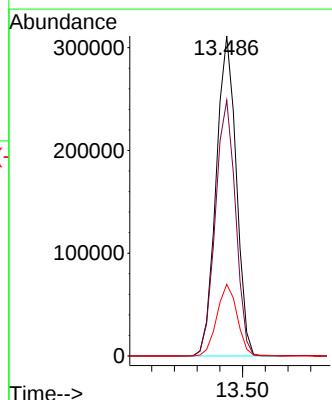
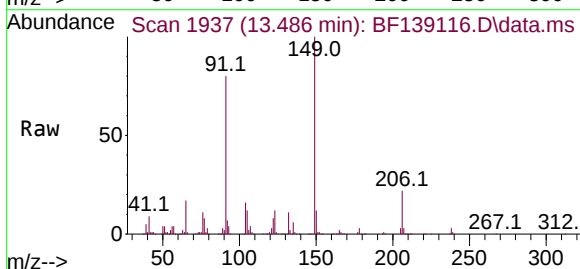
Tgt Ion:149 Resp: 383145

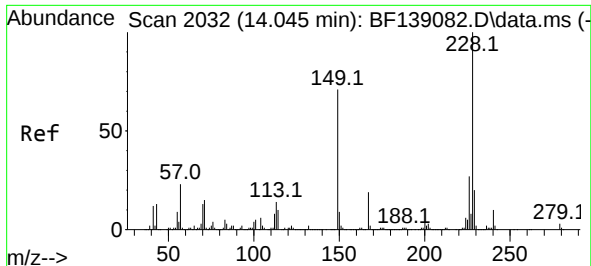
Ion Ratio Lower Upper

149 100

91 79.9 62.1 93.1

206 22.4 18.0 27.0

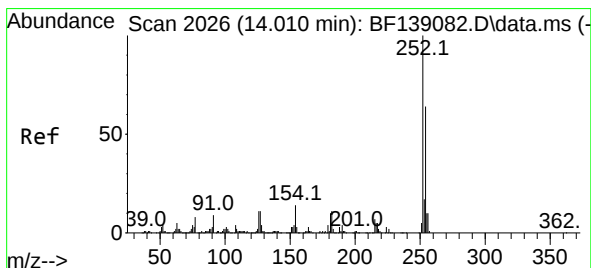
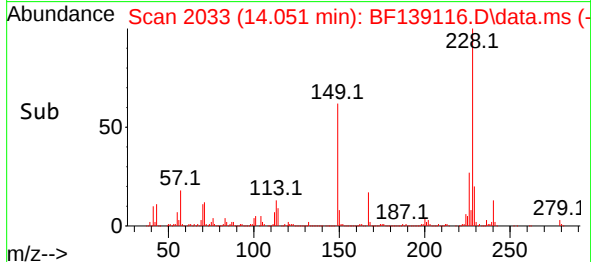
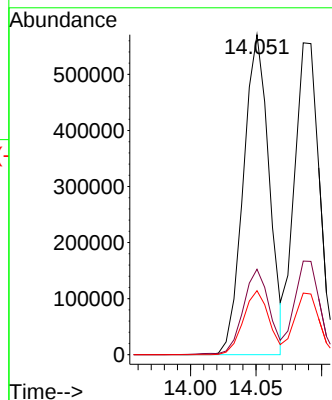
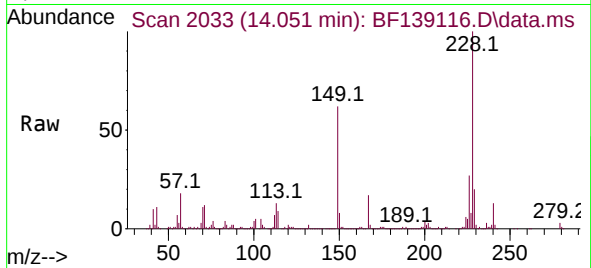




#81
Benzo(a)anthracene
Concen: 48.969 ng
RT: 14.051 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

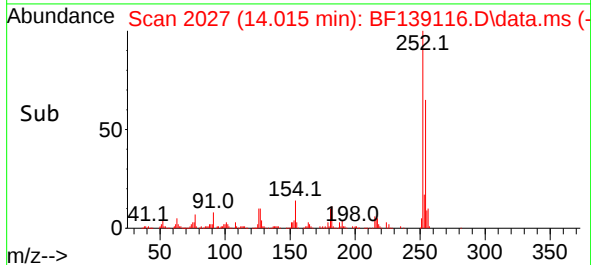
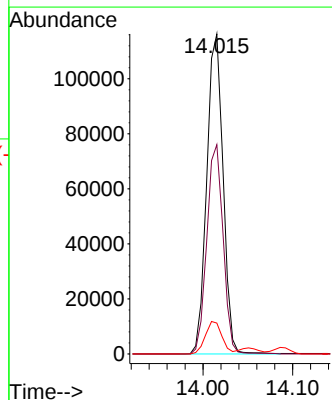
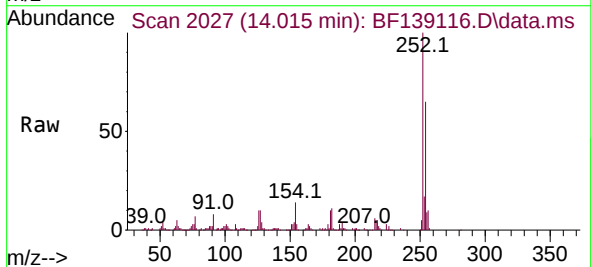
Instrument :
BNA_F
ClientSampleId :
PB162687BSD

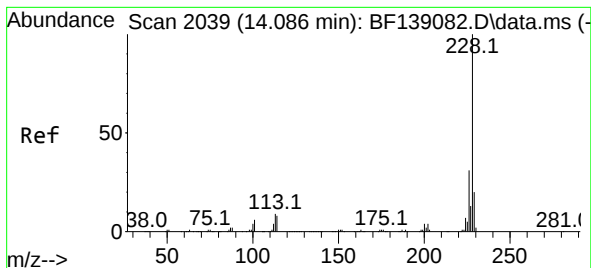
Tgt Ion:228 Resp: 781103
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 20.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 32.907 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:252 Resp: 146719
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.0
126 9.6 8.6 12.8





#83

Chrysene

Concen: 50.417 ng

RT: 14.086 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

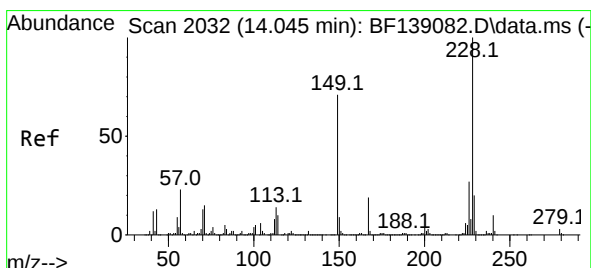
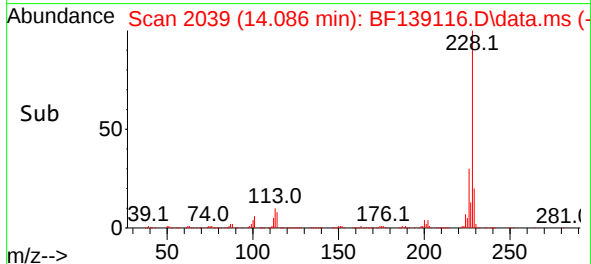
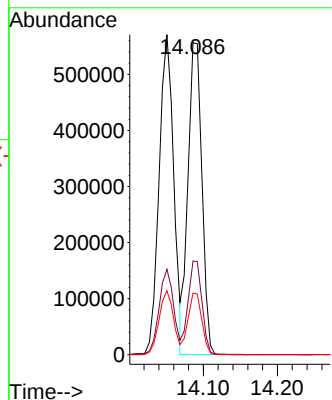
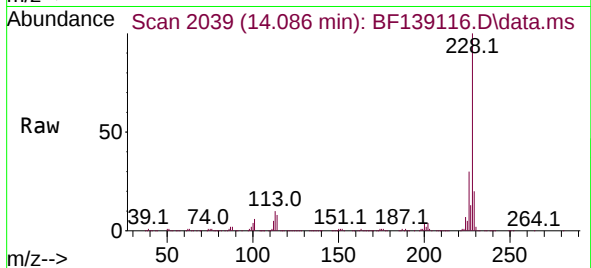
Tgt Ion:228 Resp: 728930

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.769 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

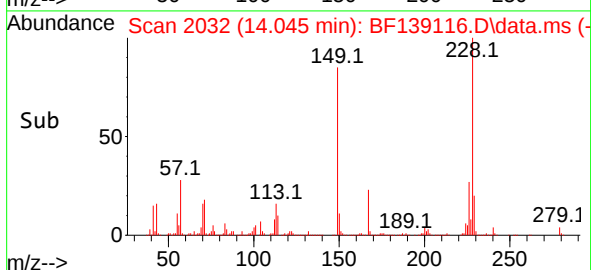
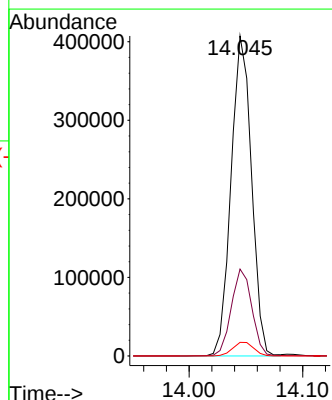
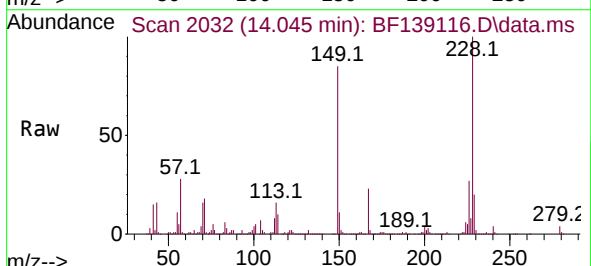
Tgt Ion:149 Resp: 508659

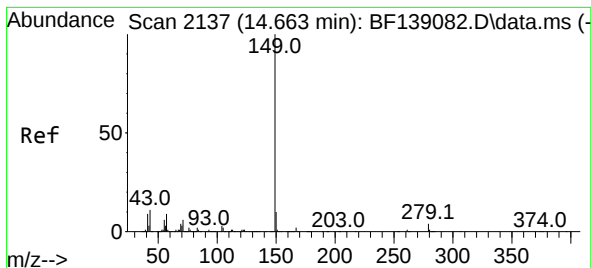
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 56.191 ng

RT: 14.662 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

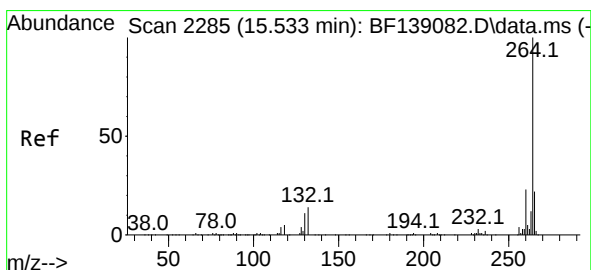
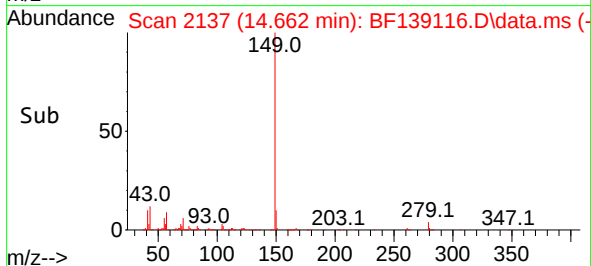
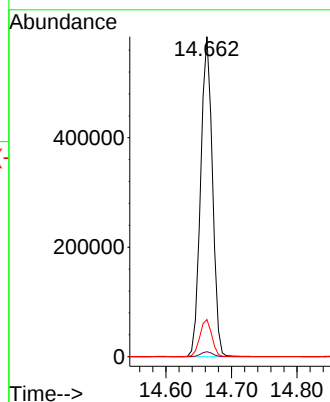
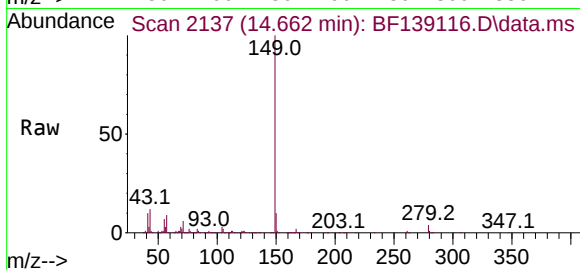
Tgt Ion:149 Resp: 732449

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.7 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

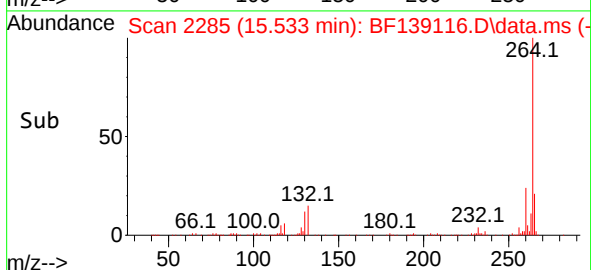
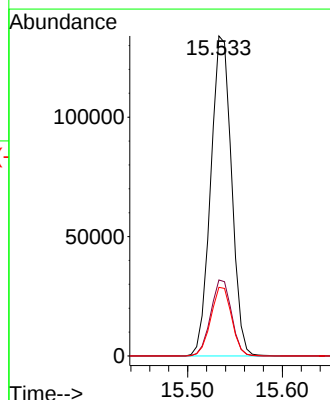
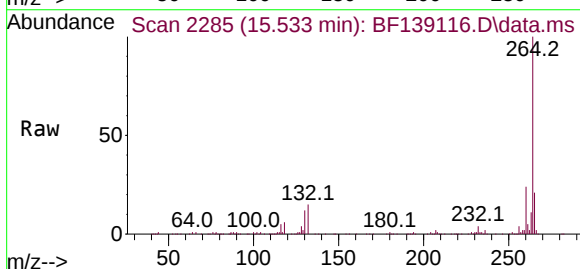
Tgt Ion:264 Resp: 204282

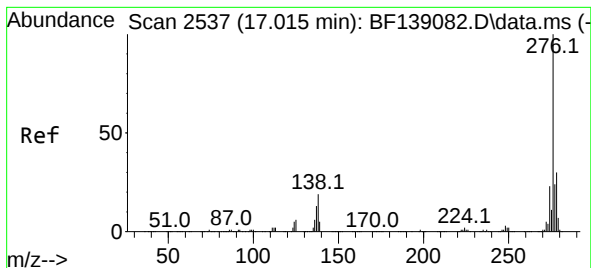
Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.774 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.011 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

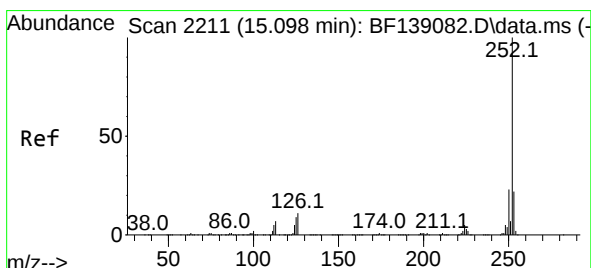
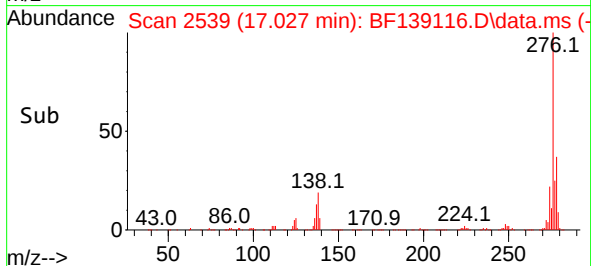
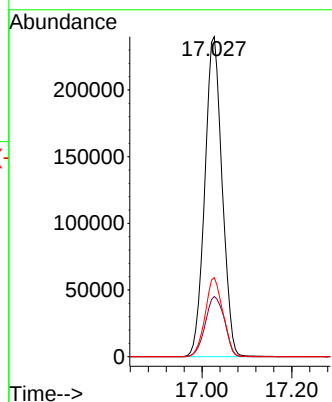
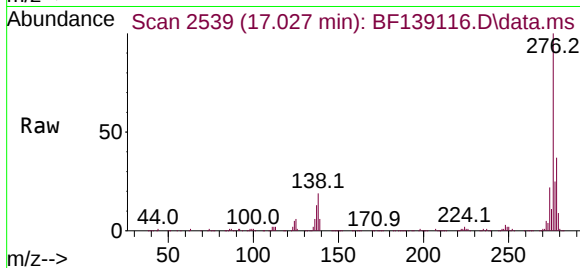
Tgt Ion:276 Resp: 642904

Ion Ratio Lower Upper

276 100

138 20.8 17.3 25.9

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.649 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

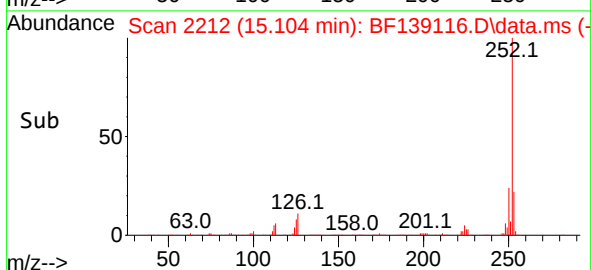
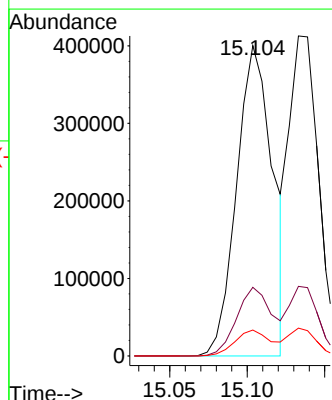
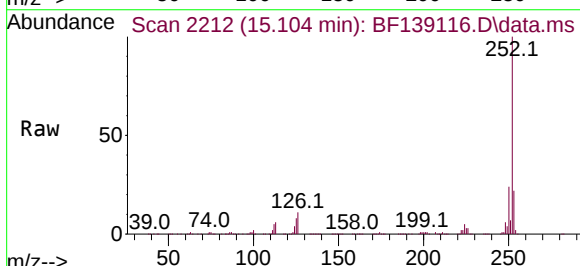
Tgt Ion:252 Resp: 647901

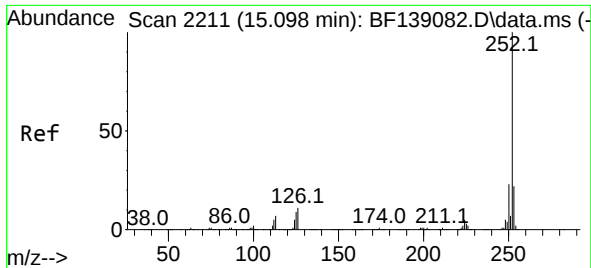
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 8.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.884 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

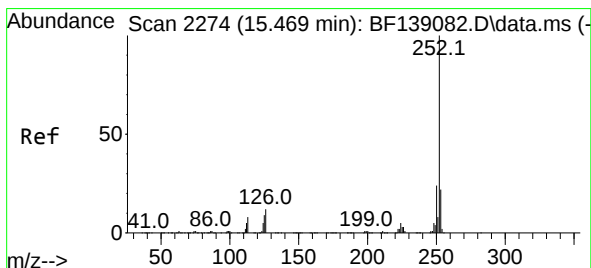
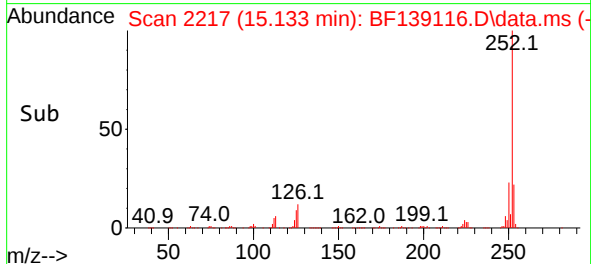
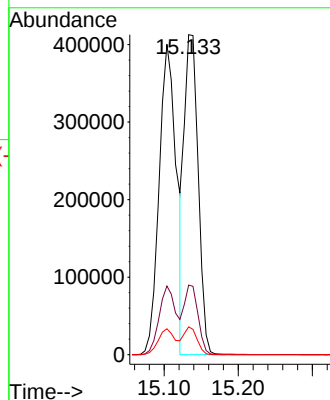
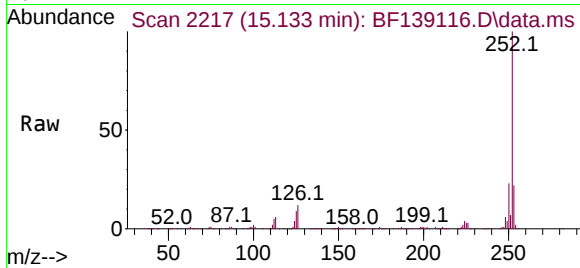
Tgt Ion:252 Resp: 542228

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.7 7.0 10.6



#90

Benzo(a)pyrene

Concen: 52.053 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

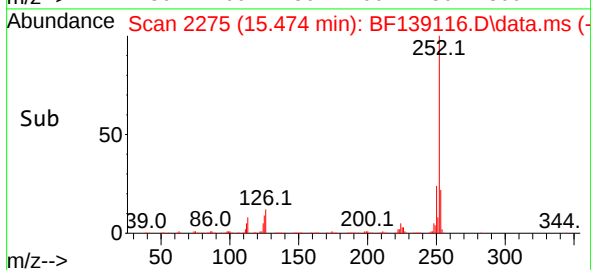
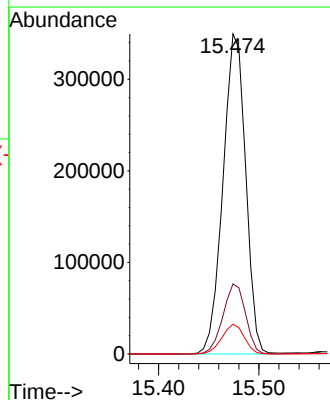
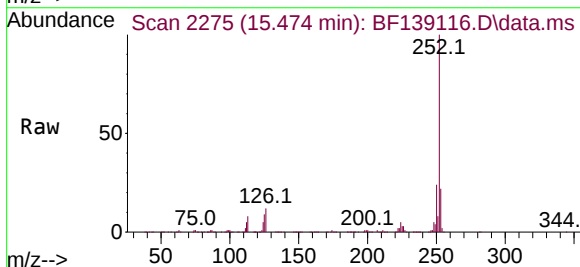
Tgt Ion:252 Resp: 547775

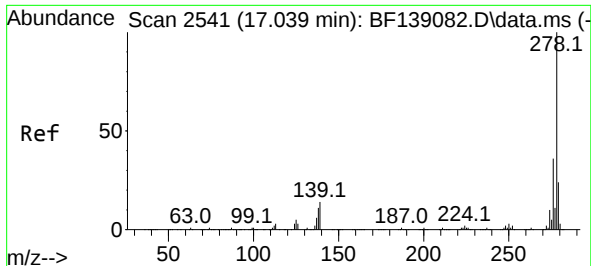
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.3 7.4 11.2

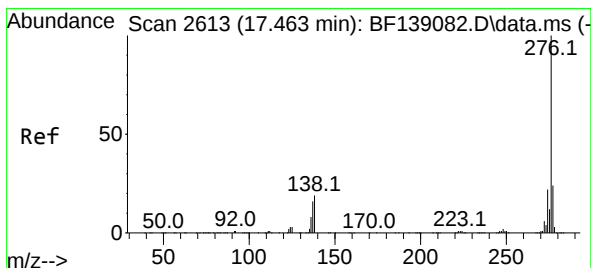
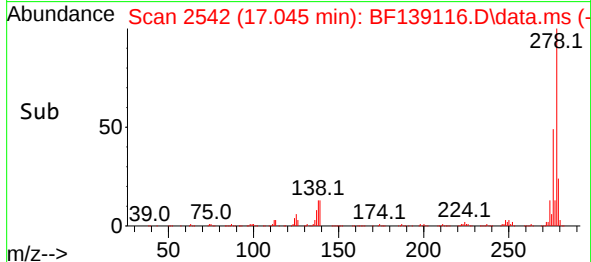
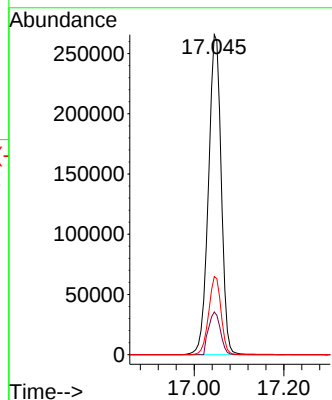
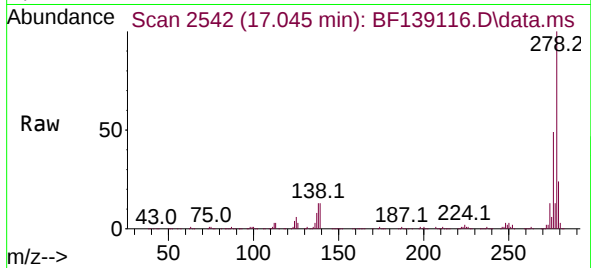




#91
Dibenzo(a,h)anthracene
Concen: 53.405 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB162687BSD

Tgt Ion:278 Resp: 524128
Ion Ratio Lower Upper
278 100
139 13.4 10.8 16.2
279 24.4 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 42.498 ng
RT: 17.474 min Scan# 2615
Delta R.T. 0.011 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:276 Resp: 472711
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 17.8 15.0 22.4

