

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139139.D
 Acq On : 23 Aug 2024 11:12
 Operator : RC/JU
 Sample : PB162917BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162917BS

Quant Time: Aug 23 11:57:04 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	119701	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	453077	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	274027	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	501979	20.000	ng	0.00
76) Chrysene-d12	14.068	240	265971	20.000	ng	0.01
86) Perylene-d12	15.539	264	224142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	907491	116.640	ng	0.02
7) Phenol-d6	6.534	99	1187686	118.141	ng	0.01
23) Nitrobenzene-d5	7.463	82	790219	101.630	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	354808	143.026	ng	0.01
45) 2-Fluorobiphenyl	9.263	172	1349434	78.132	ng	0.00
79) Terphenyl-d14	13.010	244	1628992	101.627	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	103622	31.052	ng	98
3) Pyridine	3.546	79	271284	31.991	ng	99
4) n-Nitrosodimethylamine	3.510	42	216237	42.212	ng	99
6) Aniline	6.563	93	252339	27.805	ng	92
8) 2-Chlorophenol	6.686	128	345914	46.224	ng	95
9) Benzaldehyde	6.445	77	114763	19.464	ng	99
10) Phenol	6.545	94	459358	43.915	ng	93
11) bis(2-Chloroethyl)ether	6.639	93	344681	40.975	ng	99
12) 1,3-Dichlorobenzene	6.839	146	371577	41.298	ng	99
13) 1,4-Dichlorobenzene	6.916	146	377141	41.923	ng	99
14) 1,2-Dichlorobenzene	7.069	146	362495	44.090	ng	98
15) Benzyl Alcohol	7.039	79	363415	45.738	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	504568	42.581	ng	94
17) 2-Methylphenol	7.151	107	285834	44.647	ng	97
18) Hexachloroethane	7.410	117	135634	42.996	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	284716	43.126	ng	99
20) 3+4-Methylphenols	7.304	107	368961	44.481	ng	91
22) Acetophenone	7.310	105	465748	40.260	ng	# 92
24) Nitrobenzene	7.481	77	420921	48.703	ng	99
25) Isophorone	7.722	82	737114	44.602	ng	99
26) 2-Nitrophenol	7.798	139	172937	56.288	ng	98
27) 2,4-Dimethylphenol	7.833	122	249393	47.588	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	414020	42.875	ng	100
29) 2,4-Dichlorophenol	8.039	162	297426	45.555	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	323206	42.277	ng	100
31) Naphthalene	8.204	128	985392	42.918	ng	100
32) Benzoic acid	7.957	122	210806	48.250	ng	98
33) 4-Chloroaniline	8.251	127	175202	22.281	ng	99
34) Hexachlorobutadiene	8.322	225	206011	41.252	ng	99
35) Caprolactam	8.628	113	51727	24.990	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	336038	46.484	ng	100
37) 2-Methylnaphthalene	8.892	142	639960	43.456	ng	99
38) 1-Methylnaphthalene	8.992	142	594300	41.813	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	303402	40.227	ng	99
41) Hexachlorocyclopentadiene	9.045	237	309541	107.355	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	228492	45.132	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139139.D
 Acq On : 23 Aug 2024 11:12
 Operator : RC/JU
 Sample : PB162917BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

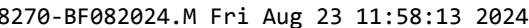
Instrument :
 BNA_F
 ClientSampleId :
 PB162917BS

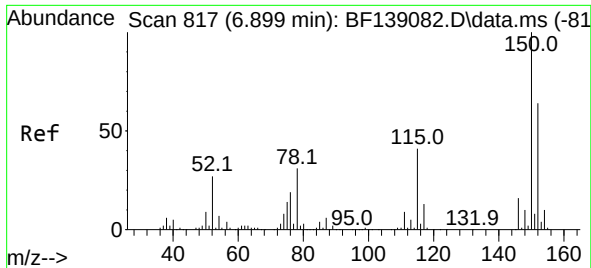
Quant Time: Aug 23 11:57:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	228192	43.911	ng	96
46) 1,1'-Biphenyl	9.363	154	755581	40.252	ng	100
47) 2-Chloronaphthalene	9.386	162	632502	41.469	ng	99
48) 2-Nitroaniline	9.480	65	233813	52.840	ng	99
49) Acenaphthylene	9.804	152	1008861	46.174	ng	100
50) Dimethylphthalate	9.663	163	781211	46.178	ng	100
51) 2,6-Dinitrotoluene	9.722	165	170125	49.935	ng	99
52) Acenaphthene	9.975	154	703326	48.731	ng	100
53) 3-Nitroaniline	9.892	138	125662	37.591	ng	# 97
54) 2,4-Dinitrophenol	9.998	184	182314	104.153	ng	# 49
55) Dibenzofuran	10.145	168	918925	43.835	ng	98
56) 4-Nitrophenol	10.051	139	269929	105.558	ng	96
57) 2,4-Dinitrotoluene	10.127	165	237038	54.828	ng	97
58) Fluorene	10.486	166	728144	43.463	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	206711	49.541	ng	99
60) Diethylphthalate	10.363	149	766996	45.757	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	356221	42.574	ng	100
62) 4-Nitroaniline	10.510	138	165033	47.564	ng	99
63) Azobenzene	10.639	77	829160	44.513	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	130069	64.423	ng	94
66) n-Nitrosodiphenylamine	10.604	169	641731	43.205	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	231632	43.547	ng	97
68) Hexachlorobenzene	11.033	284	246139	43.133	ng	99
69) Atrazine	11.127	200	186645	41.145	ng	100
70) Pentachlorophenol	11.227	266	318669	87.421	ng	98
71) Phenanthrene	11.451	178	1107125	43.392	ng	99
72) Anthracene	11.504	178	1101276	44.135	ng	99
73) Carbazole	11.657	167	980134	42.065	ng	99
74) Di-n-butylphthalate	11.986	149	1194517	44.213	ng	100
75) Fluoranthene	12.639	202	1114612	40.929	ng	100
77) Benzidine	12.757	184	52160	9.494	ng	100
78) Pyrene	12.868	202	1103478	49.716	ng	100
80) Butylbenzylphthalate	13.486	149	411636	53.606	ng	98
81) Benzo(a)anthracene	14.057	228	795088	45.476	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	179894	36.810	ng	99
83) Chrysene	14.092	228	720978	45.495	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	520213	51.102	ng	99
85) Di-n-octyl phthalate	14.662	149	704695	49.321	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	766903	58.462	ng	99
88) Benzo(b)fluoranthene	15.109	252	716415	49.027	ng	99
89) Benzo(k)fluoranthene	15.139	252	559380	45.962	ng	99
90) Benzo(a)pyrene	15.480	252	590635	51.153	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	635185	58.986	ng	99
92) Benzo(g,h,i)perylene	17.492	276	605010	49.108	ng	99

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

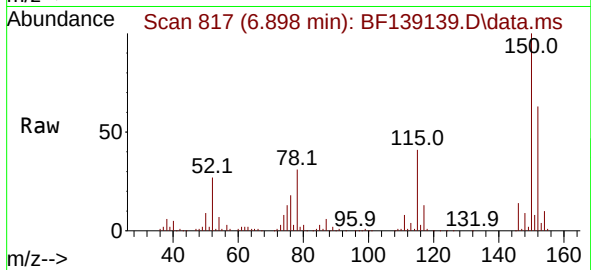
Quant Time: Aug 23 11:57:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration



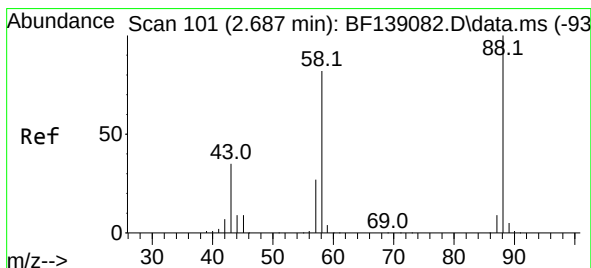
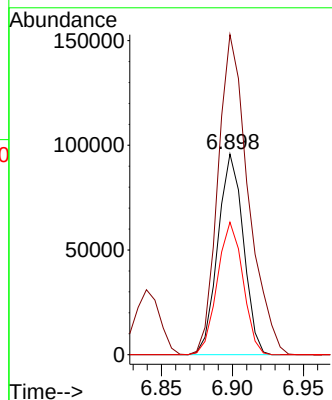
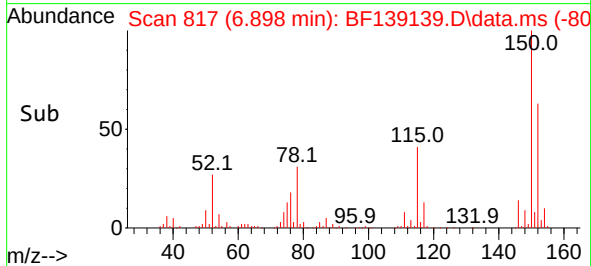


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

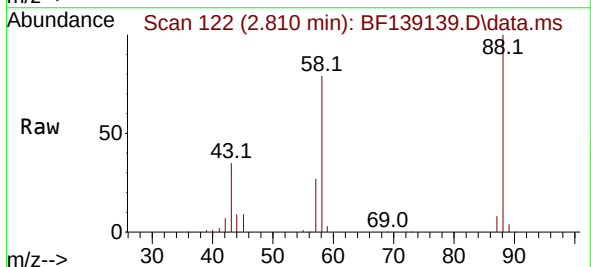
Instrument :
BNA_F
ClientSampleId :
PB162917BS



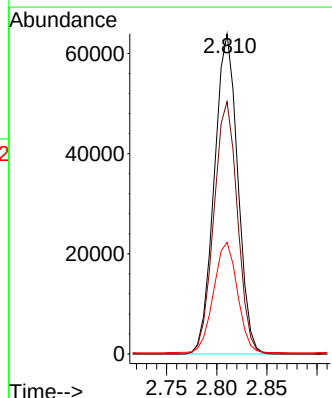
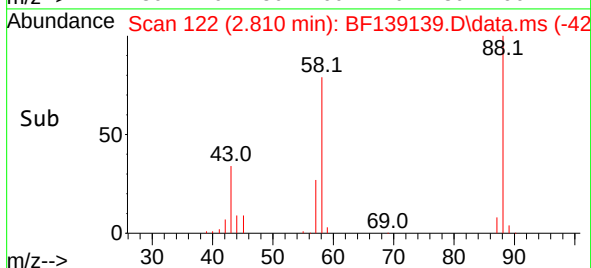
Tgt Ion:152 Resp: 119701
Ion Ratio Lower Upper
152 100
150 159.5 125.1 187.7
115 66.1 51.8 77.6

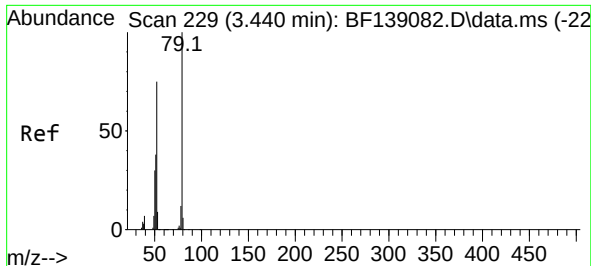


#2
1,4-Dioxane
Concen: 31.052 ng
RT: 2.810 min Scan# 122
Delta R.T. 0.123 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion: 88 Resp: 103622
Ion Ratio Lower Upper
88 100
58 79.2 65.4 98.0
43 35.4 27.9 41.9

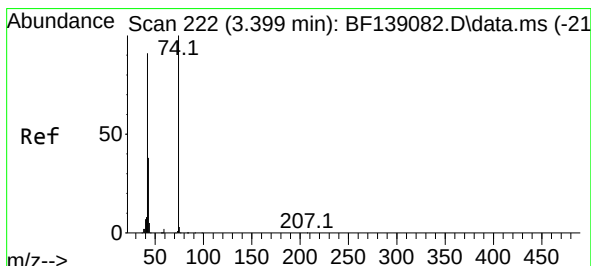
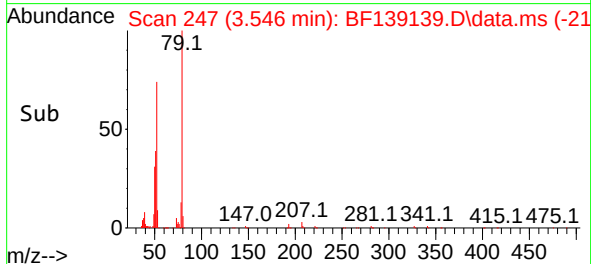
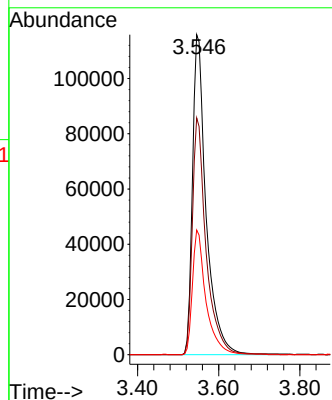
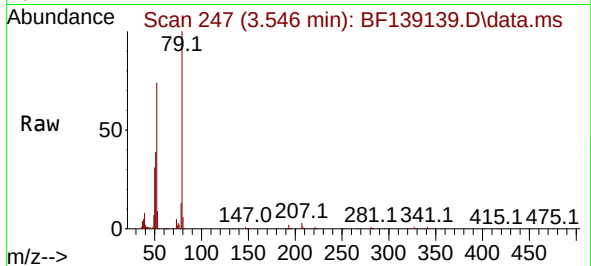




#3
Pyridine
Concen: 31.991 ng
RT: 3.546 min Scan# 241
Delta R.T. 0.106 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

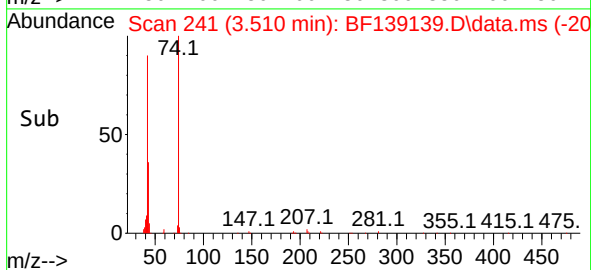
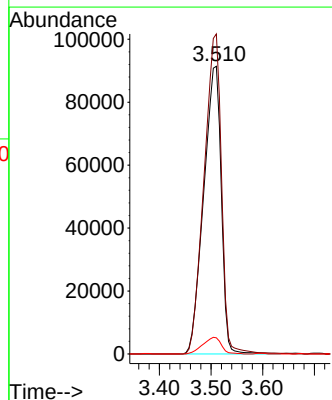
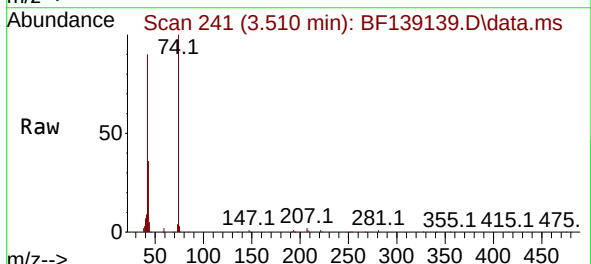
Instrument :
BNA_F
ClientSampleId :
PB162917BS

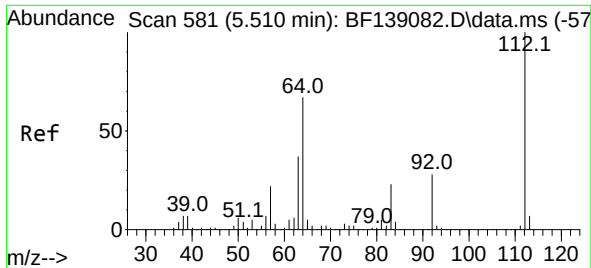
Tgt Ion: 79 Resp: 271284
Ion Ratio Lower Upper
79 100
52 74.0 59.7 89.5
51 38.9 30.6 45.8



#4
n-Nitrosodimethylamine
Concen: 42.212 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.111 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion: 42 Resp: 216237
Ion Ratio Lower Upper
42 100
74 111.2 88.2 132.2
44 5.6 5.4 8.0

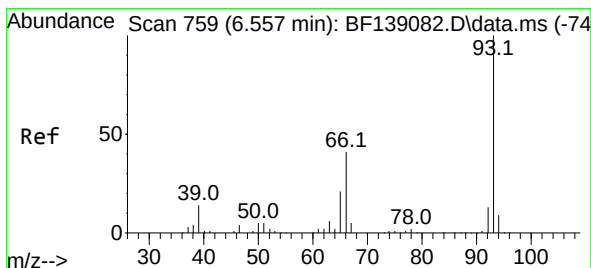
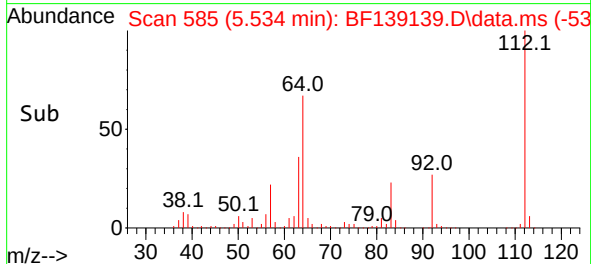
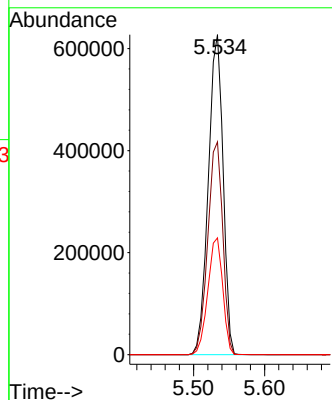
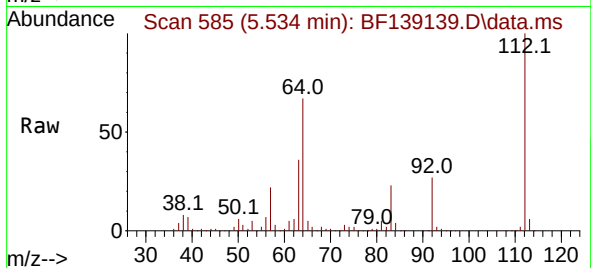




#5
2-Fluorophenol
Concen: 116.640 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

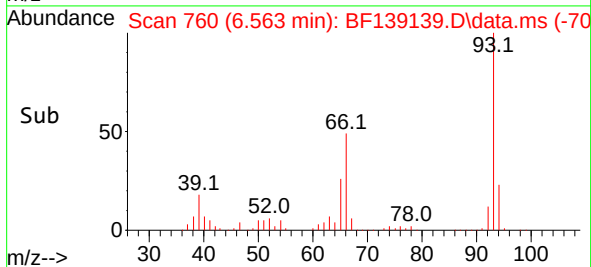
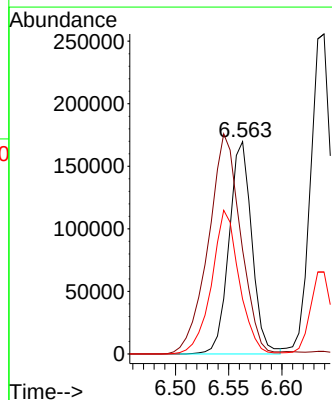
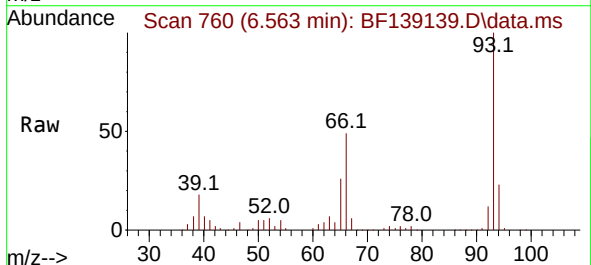
Instrument :
BNA_F
ClientSampleId :
PB162917BS

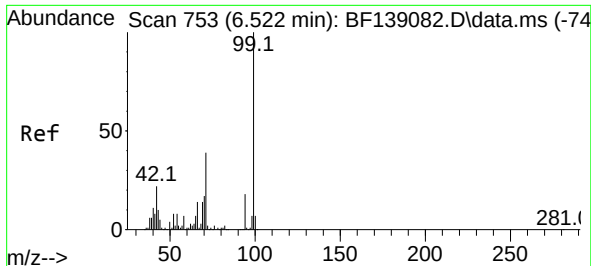
Tgt Ion:112 Resp: 907491
Ion Ratio Lower Upper
112 100
64 66.5 53.8 80.6
63 36.5 29.4 44.2



#6
Aniline
Concen: 27.805 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion: 93 Resp: 252339
Ion Ratio Lower Upper
93 100
66 49.0 35.1 52.7
65 25.8 17.4 26.2

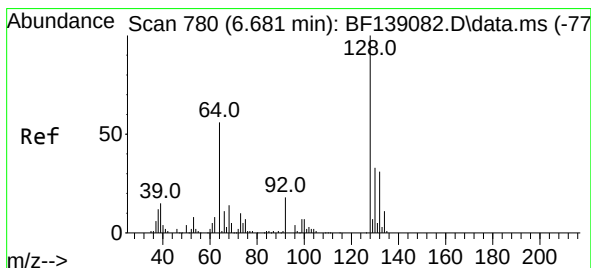
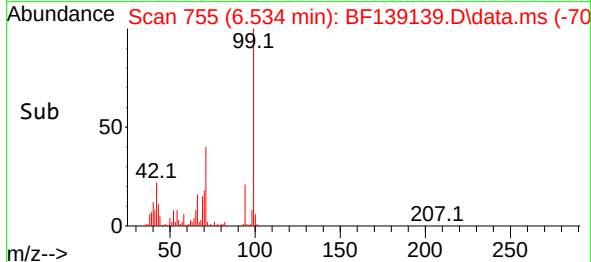
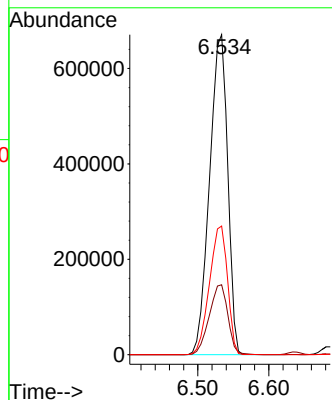
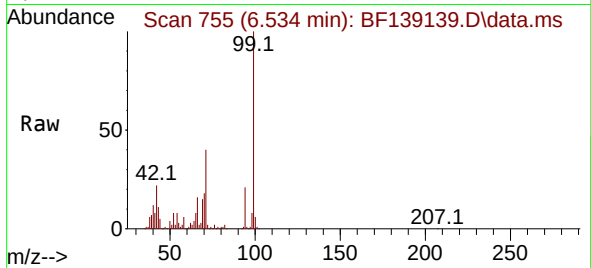




#7
Phenol-d6
Concen: 118.141 ng
RT: 6.534 min Scan# 711
Delta R.T. 0.011 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

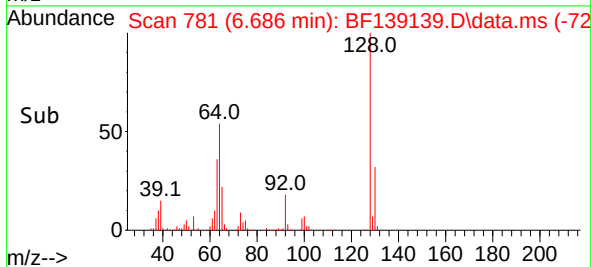
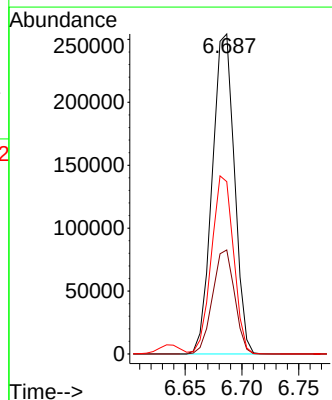
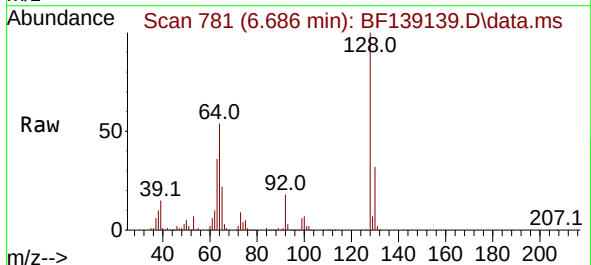
Instrument :
BNA_F
ClientSampleId :
PB162917BS

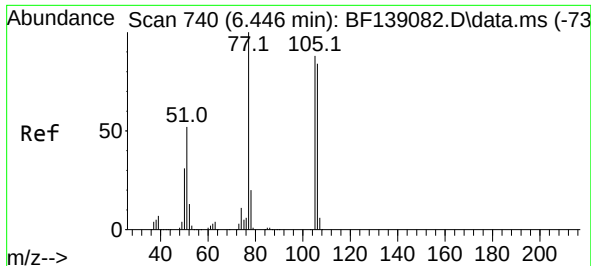
Tgt Ion: 99 Resp: 1187686
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.2
71 40.2 31.2 46.8



#8
2-Chlorophenol
Concen: 46.224 ng
RT: 6.686 min Scan# 781
Delta R.T. 0.005 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion: 128 Resp: 345914
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 53.9 39.1 79.1

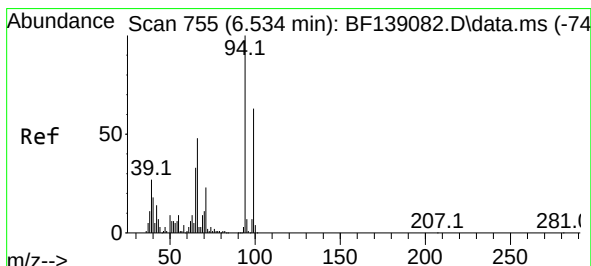
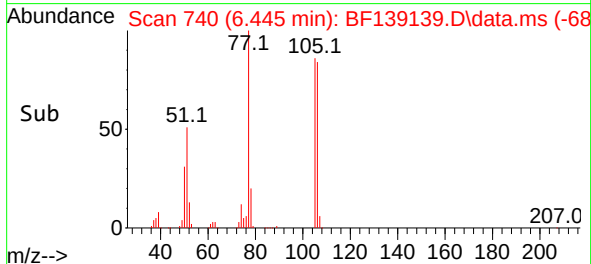
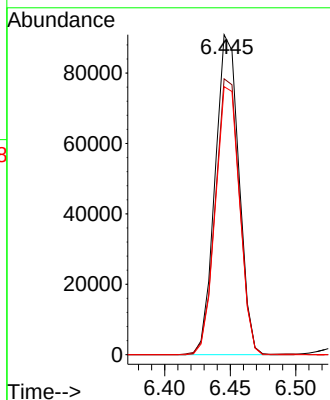
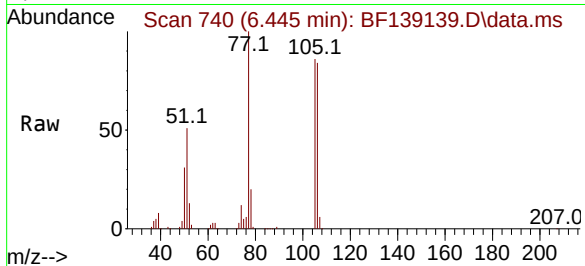




#9
Benzaldehyde
Concen: 19.464 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.001 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

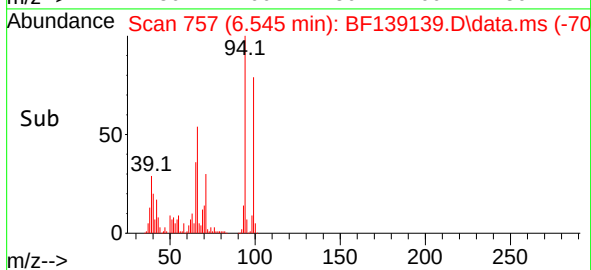
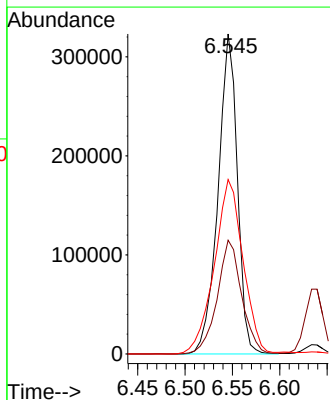
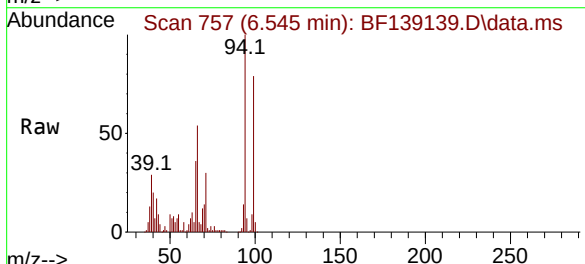
Instrument :
BNA_F
ClientSampleId :
PB162917BS

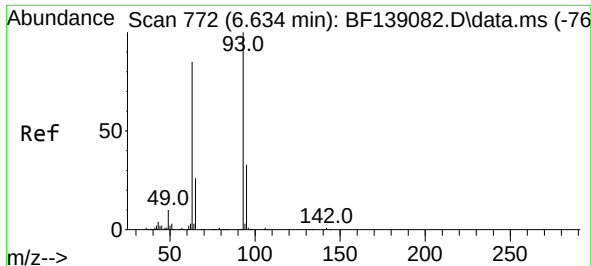
Tgt Ion: 77 Resp: 114763
Ion Ratio Lower Upper
77 100
105 86.2 68.2 108.2
106 83.8 63.8 103.8



#10
Phenol
Concen: 43.915 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion: 94 Resp: 459358
Ion Ratio Lower Upper
94 100
65 35.5 13.5 53.5
66 54.5 28.5 68.5

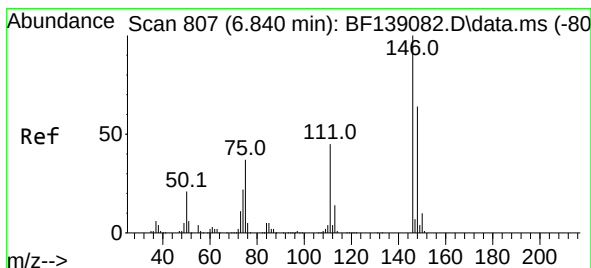
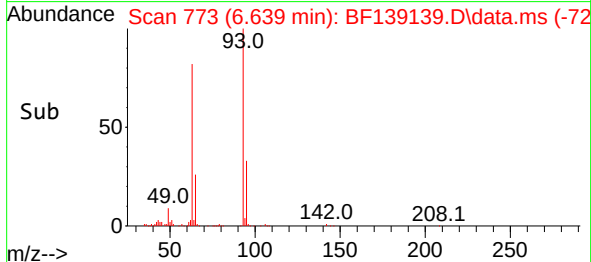
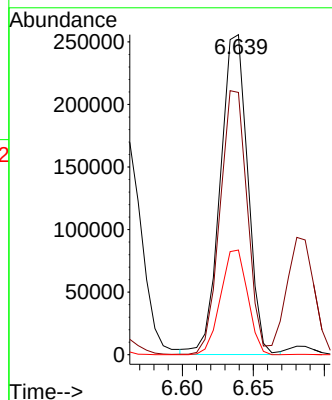
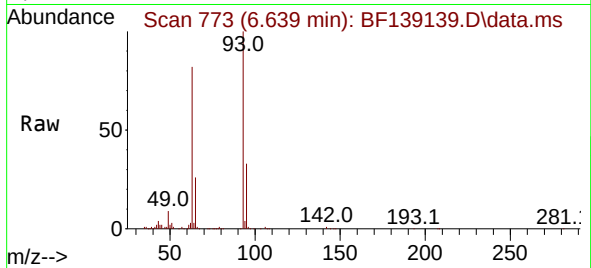




#11
bis(2-Chloroethyl)ether
Concen: 40.975 ng
RT: 6.639 min Scan# 772
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

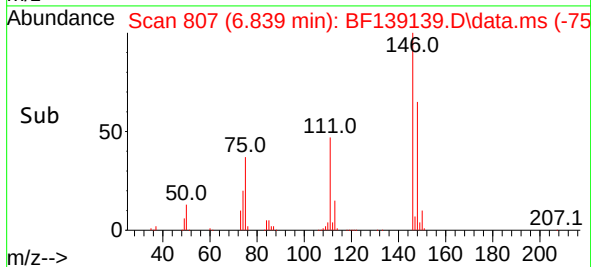
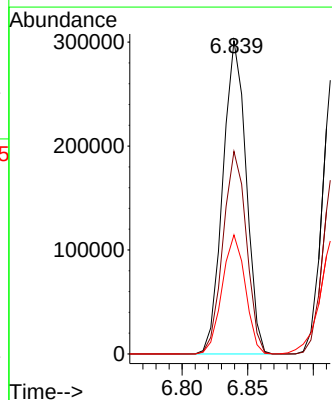
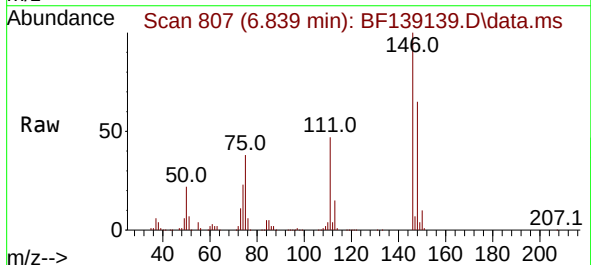
Instrument :
BNA_F
ClientSampleId :
PB162917BS

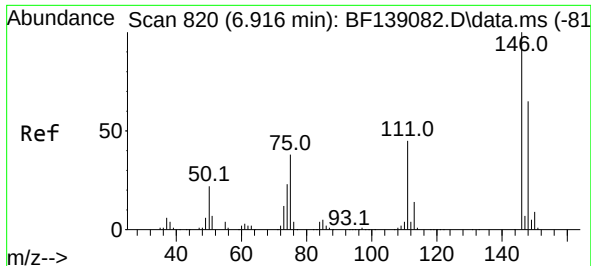
Tgt Ion: 93 Resp: 344681
Ion Ratio Lower Upper
93 100
63 81.9 62.7 102.7
95 32.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 41.298 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:146 Resp: 371577
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 38.0 29.9 44.9

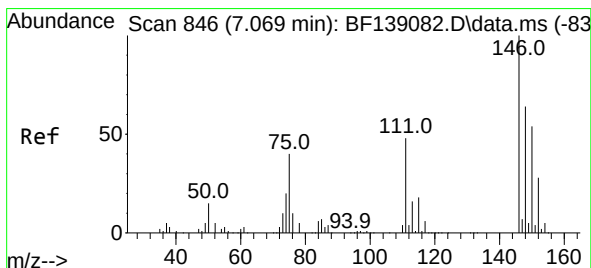
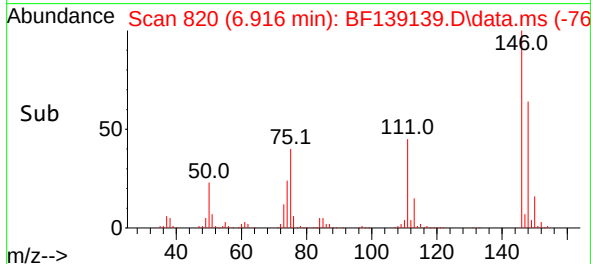
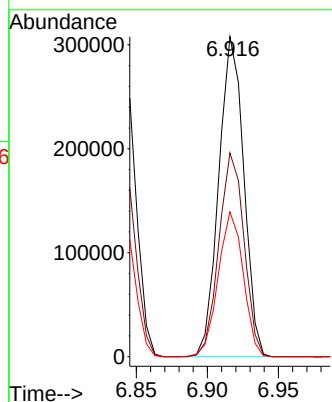
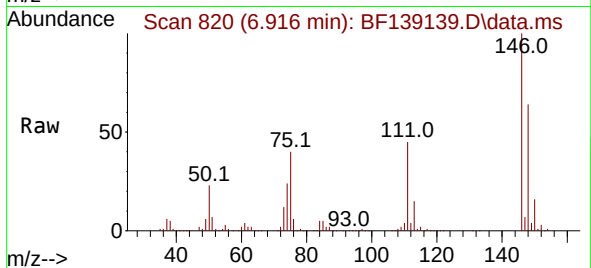




#13
1,4-Dichlorobenzene
Concen: 41.923 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

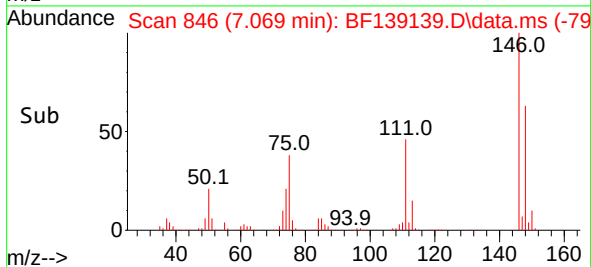
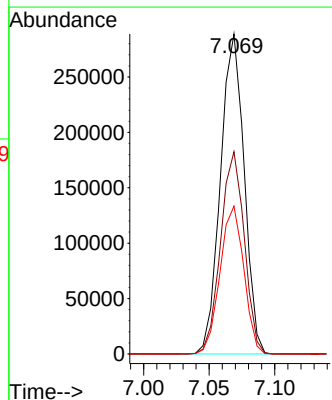
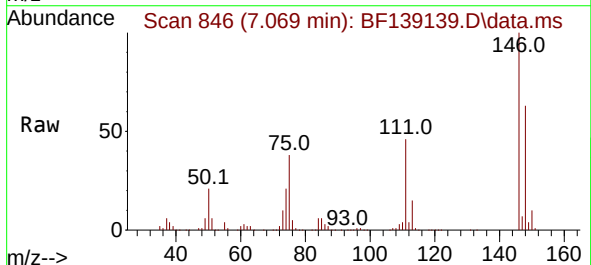
Instrument :
BNA_F
ClientSampleId :
PB162917BS

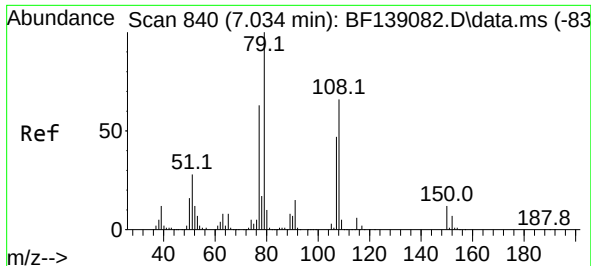
Tgt Ion:146 Resp: 377141
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
111 45.2 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 44.090 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:146 Resp: 362495
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
111 46.2 38.1 57.1

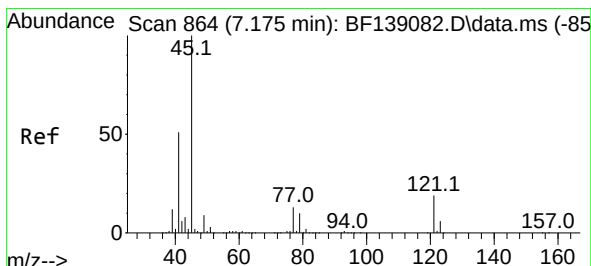
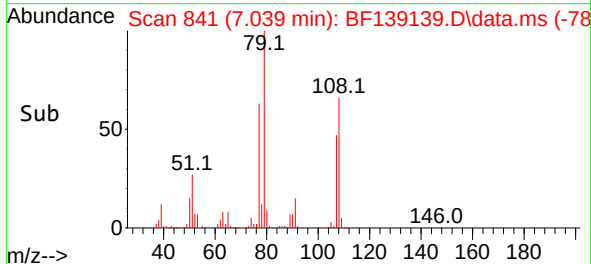
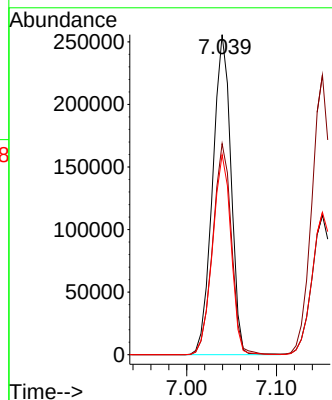
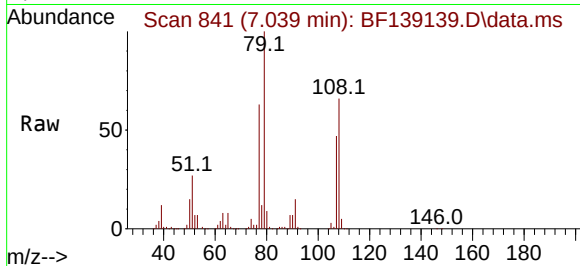




#15
Benzyl Alcohol
Concen: 45.738 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

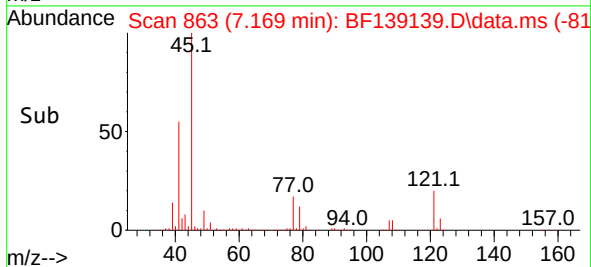
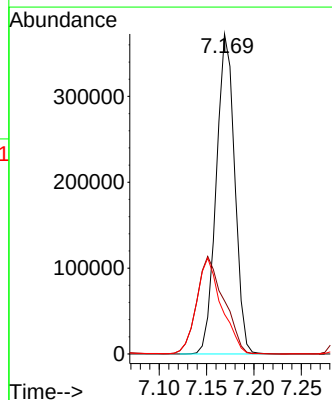
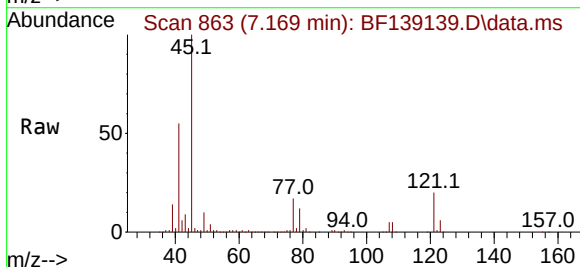
Instrument :
BNA_F
ClientSampleId :
PB162917BS

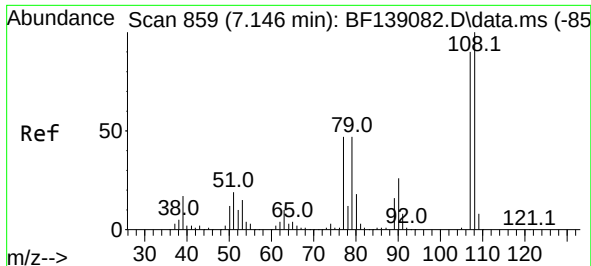
Tgt Ion: 79 Resp: 363415
Ion Ratio Lower Upper
79 100
108 65.9 52.8 79.2
77 62.5 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.581 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion: 45 Resp: 504568
Ion Ratio Lower Upper
45 100
77 16.6 0.0 33.7
79 12.4 0.0 30.4

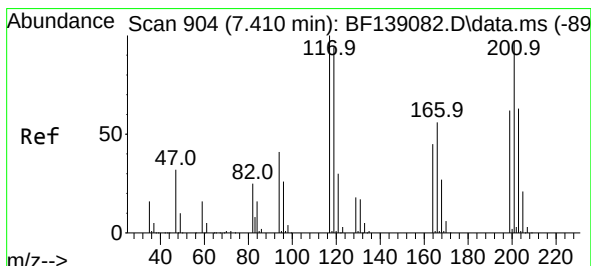
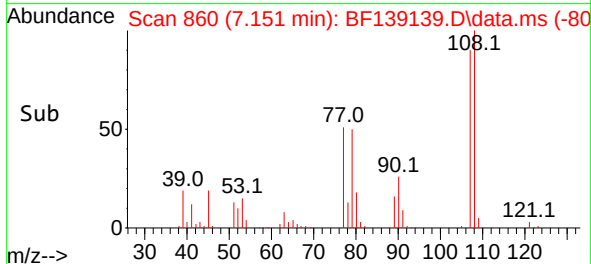
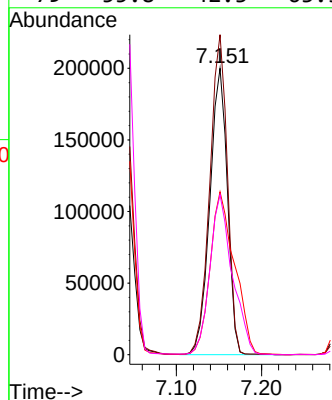
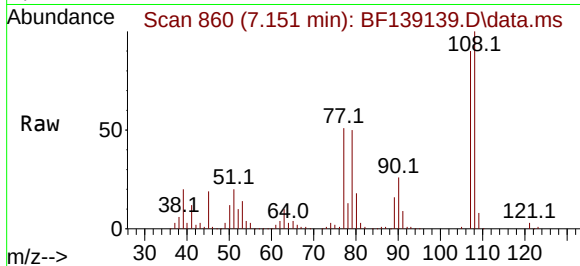




#17
2-Methylphenol
Concen: 44.647 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

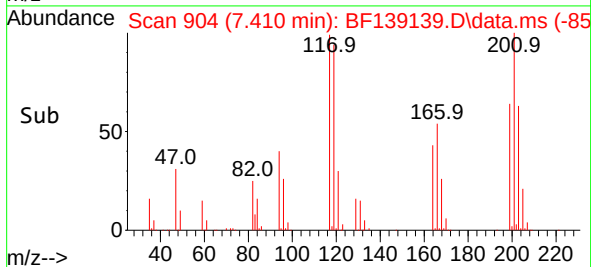
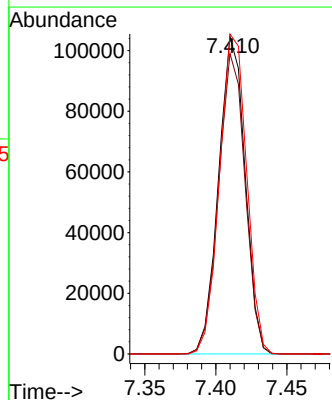
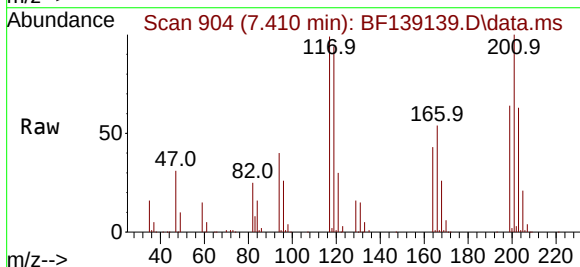
Instrument :
BNA_F
ClientSampleId :
PB162917BS

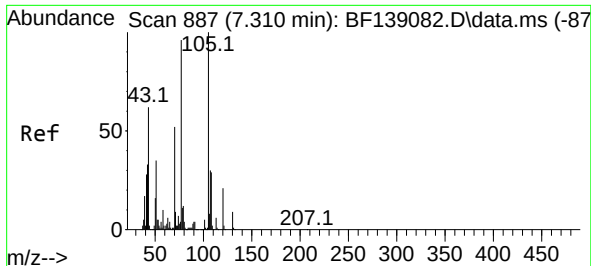
Tgt Ion:	107	Resp:	285834
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.1	133.7
77	56.9	42.1	63.1
79	55.8	42.3	63.5



#18
Hexachloroethane
Concen: 42.996 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:	117	Resp:	135634
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.5	113.3
201	100.8	77.8	116.8

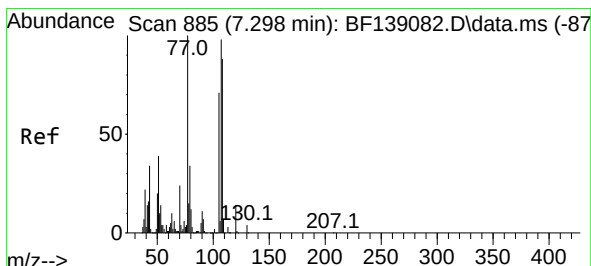
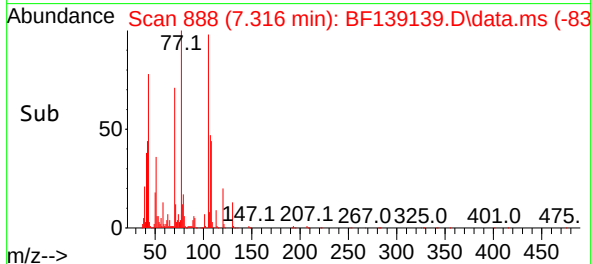
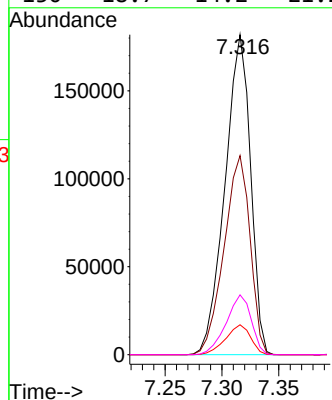
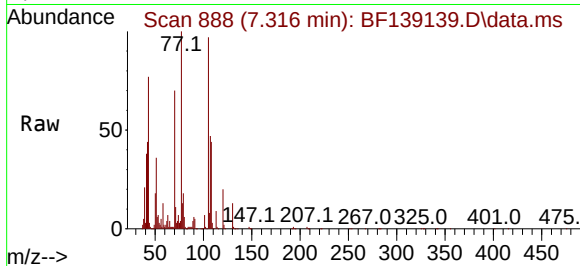




#19
n-Nitroso-di-n-propylamine
Concen: 43.126 ng
RT: 7.316 min Scan# 888
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

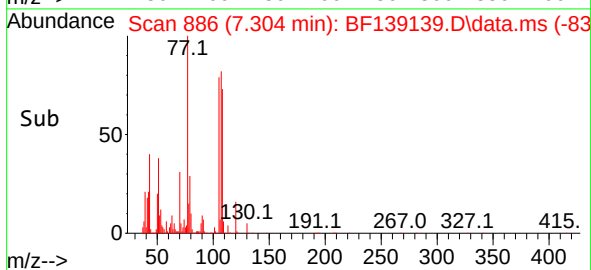
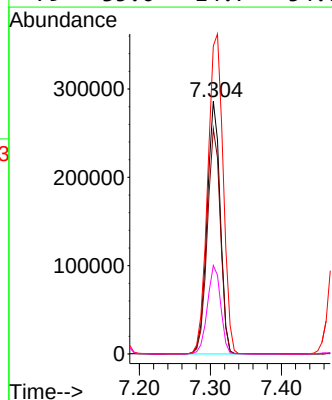
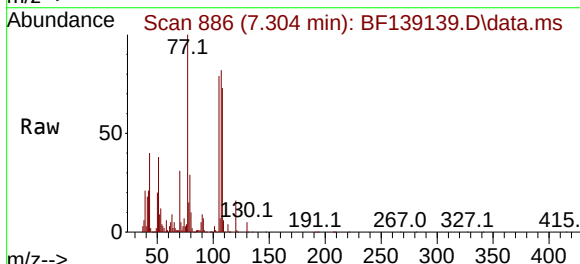
Instrument :
BNA_F
ClientSampleId :
PB162917BS

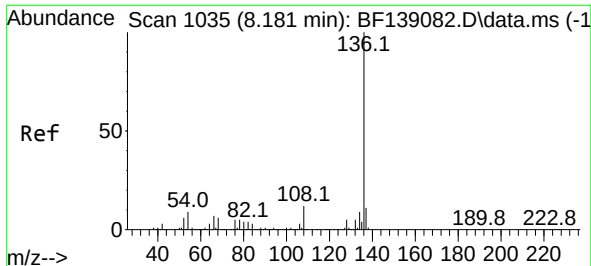
Tgt Ion: 70 Resp: 284716
Ion Ratio Lower Upper
70 100
42 62.2 50.5 75.7
101 9.3 7.2 10.8
130 18.7 14.2 21.2



#20
3+4-Methylphenols
Concen: 44.481 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion: 107 Resp: 368961
Ion Ratio Lower Upper
107 100
108 89.1 70.2 110.2
77 121.9 82.7 122.7
79 35.0 14.7 54.7



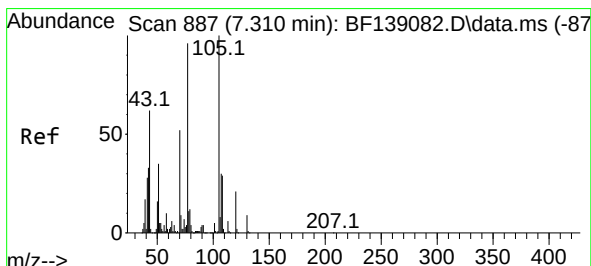
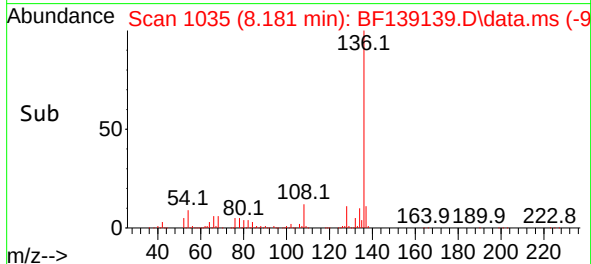
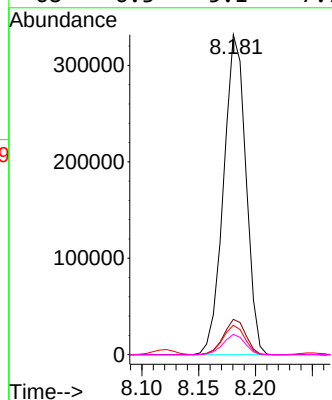
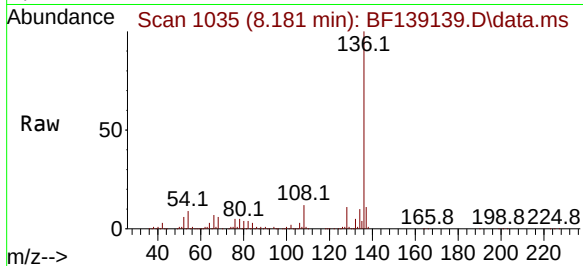


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :
BNA_F
ClientSampleId :
PB162917BS

Tgt Ion:136 Resp: 453077

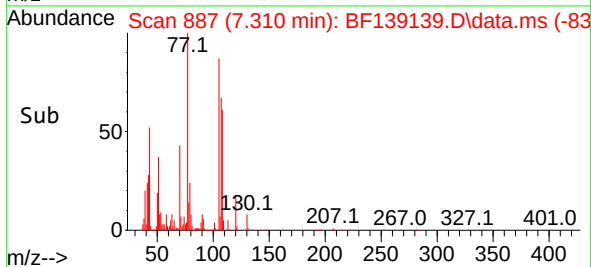
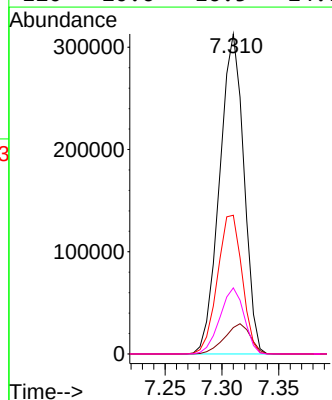
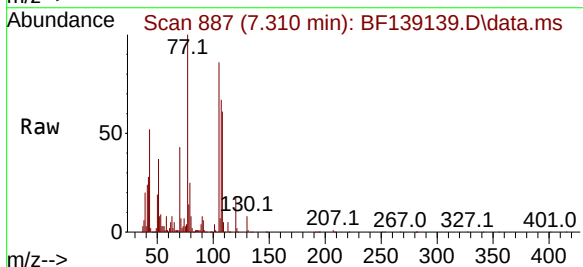
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.2	7.6	11.4
68	6.3	5.1	7.7

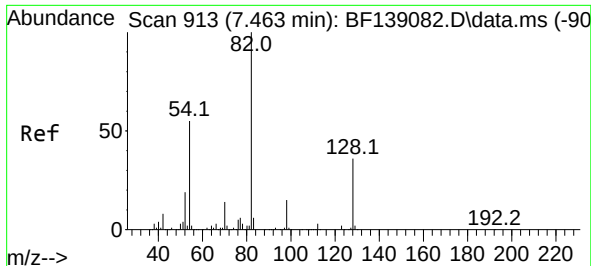


#22
Acetophenone
Concen: 40.260 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:105 Resp: 465748

Ion	Ratio	Lower	Upper
105	100		
71	8.3	7.0	10.6
51	43.4	28.0	42.0
120	20.6	16.5	24.7





#23

Nitrobenzene-d5

Concen: 101.630 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

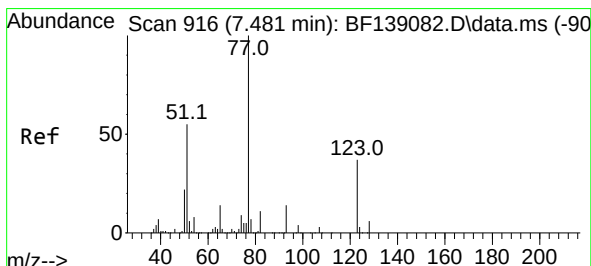
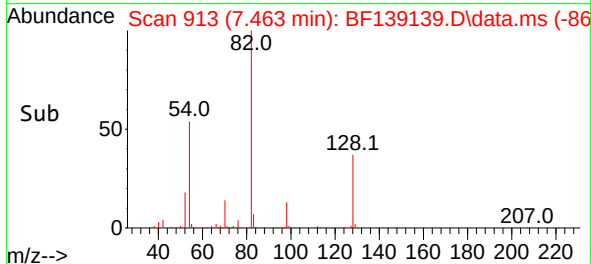
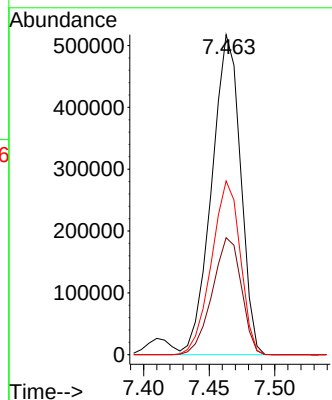
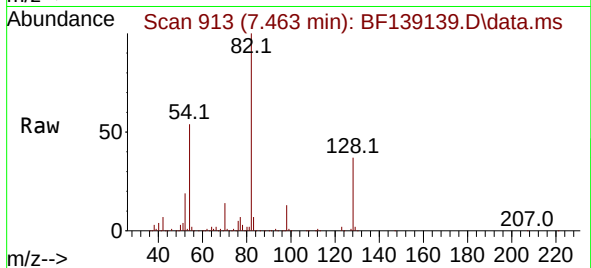
BNA_F

ClientSampleId :

PB162917BS

Tgt Ion: 82 Resp: 790219

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.0	43.4
54	54.3	43.4	65.2



#24

Nitrobenzene

Concen: 48.703 ng

RT: 7.481 min Scan# 916

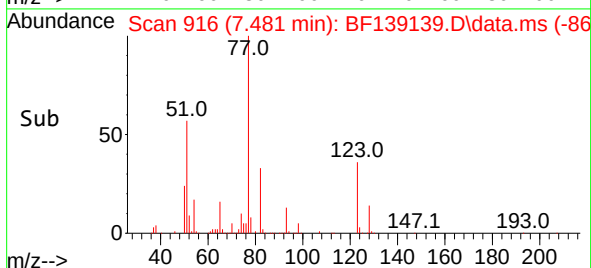
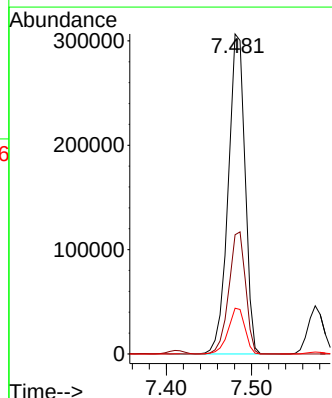
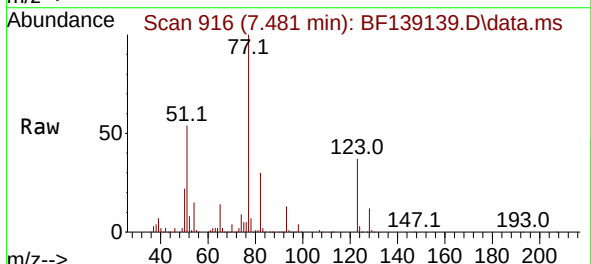
Delta R.T. -0.000 min

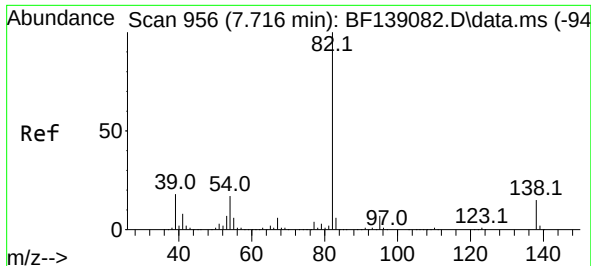
Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Tgt Ion: 77 Resp: 420921

Ion	Ratio	Lower	Upper
77	100		
123	37.2	30.3	45.5
65	14.3	11.3	16.9

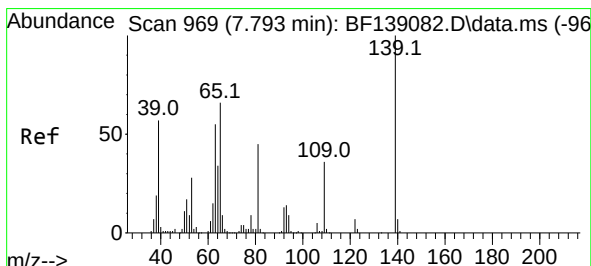
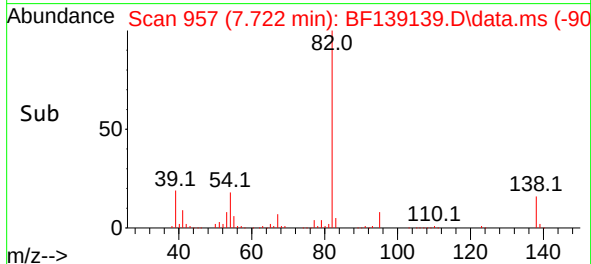
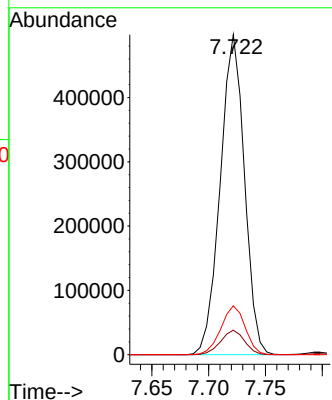
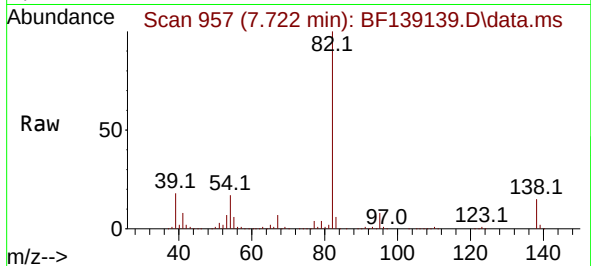




#25
Isophorone
Concen: 44.602 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

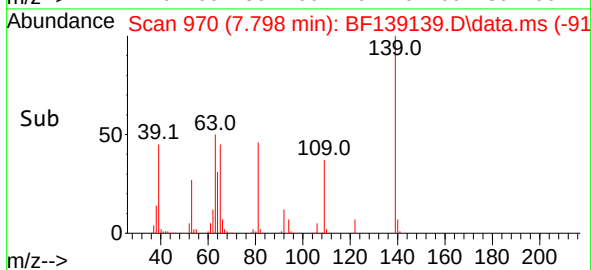
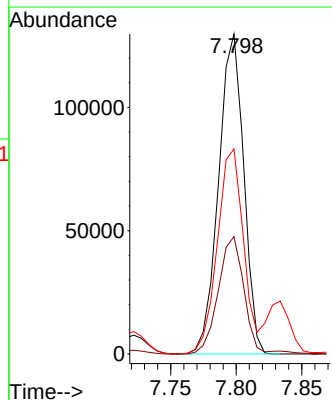
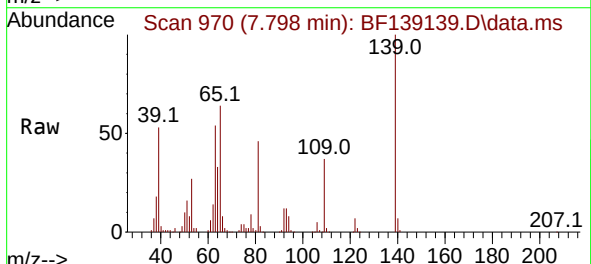
Instrument :
BNA_F
ClientSampleId :
PB162917BS

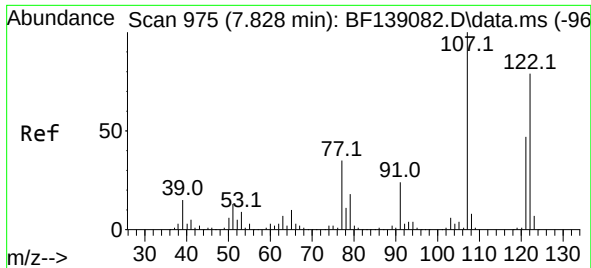
Tgt Ion: 82 Resp: 737114
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 15.3 11.8 17.8



#26
2-Nitrophenol
Concen: 56.288 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.005 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:139 Resp: 172937
Ion Ratio Lower Upper
139 100
109 36.7 29.2 43.8
65 64.1 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 47.588 ng

RT: 7.833 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

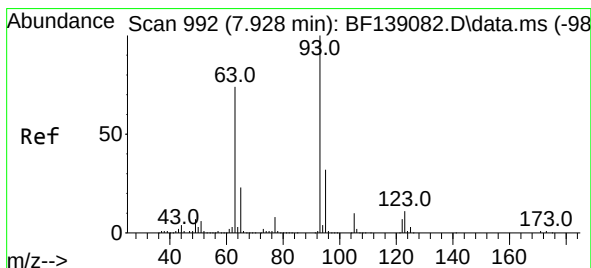
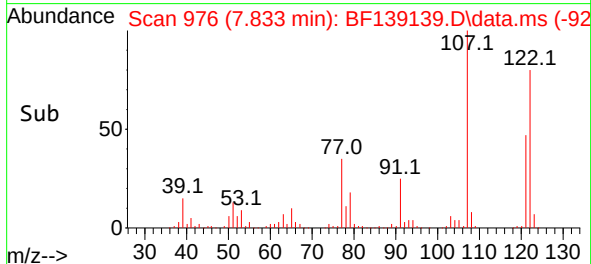
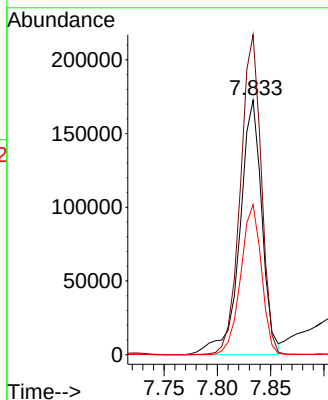
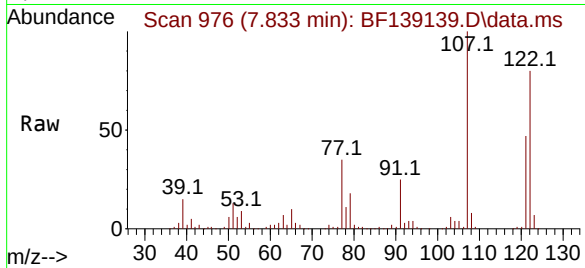
Tgt Ion:122 Resp: 249393

Ion Ratio Lower Upper

122 100

107 125.7 101.1 151.7

121 58.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.875 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

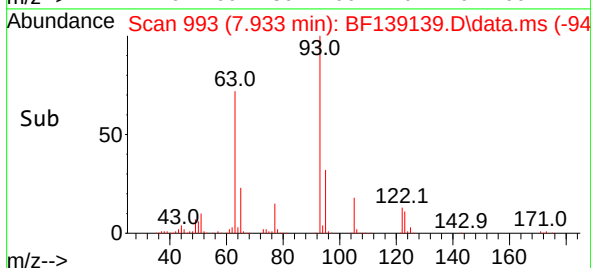
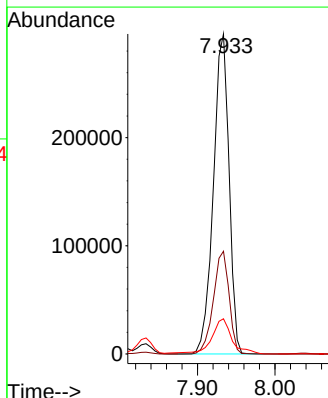
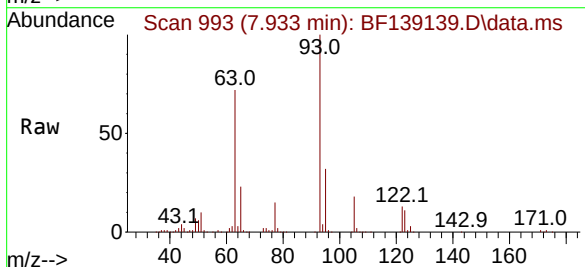
Tgt Ion: 93 Resp: 414020

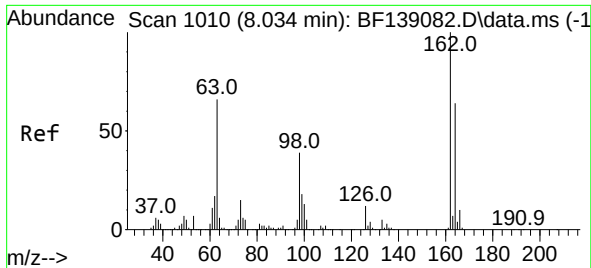
Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.8

123 11.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 45.555 ng

RT: 8.039 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

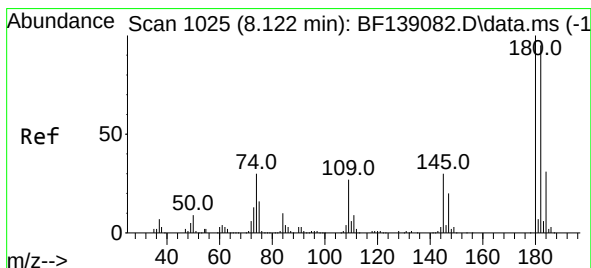
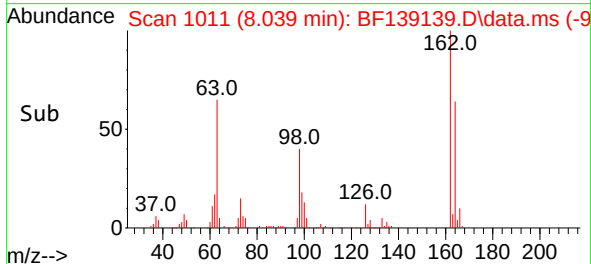
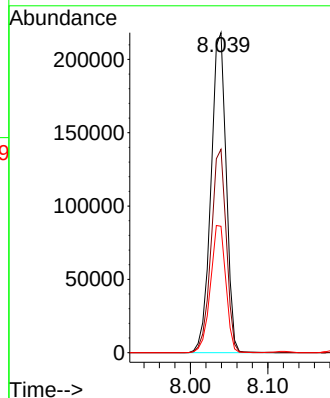
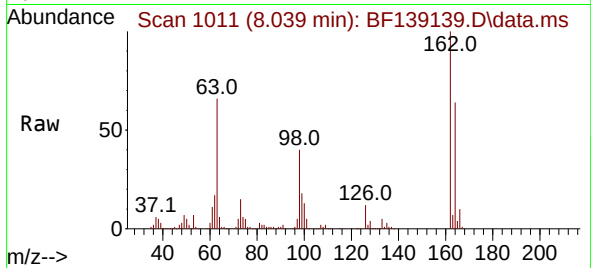
Tgt Ion:162 Resp: 297426

Ion Ratio Lower Upper

162 100

164 63.5 43.9 83.9

98 39.5 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 42.277 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

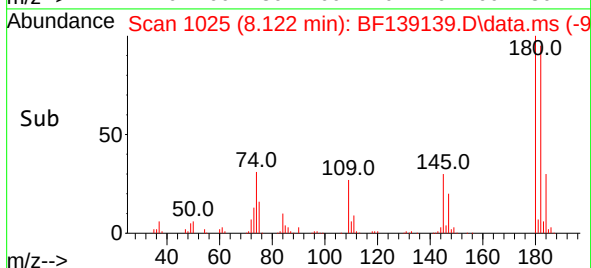
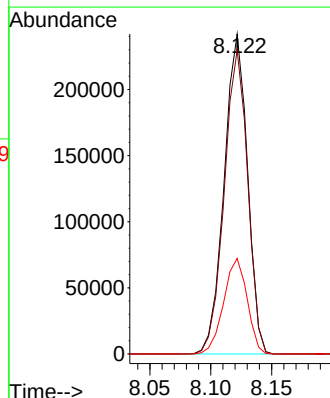
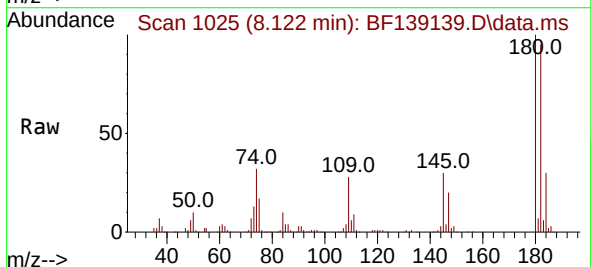
Tgt Ion:180 Resp: 323206

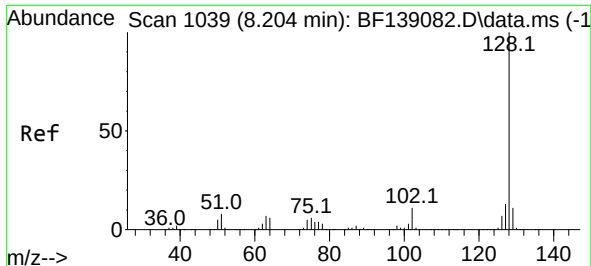
Ion Ratio Lower Upper

180 100

182 95.0 76.1 114.1

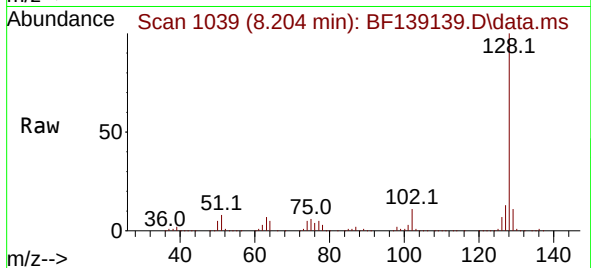
145 29.9 23.9 35.9



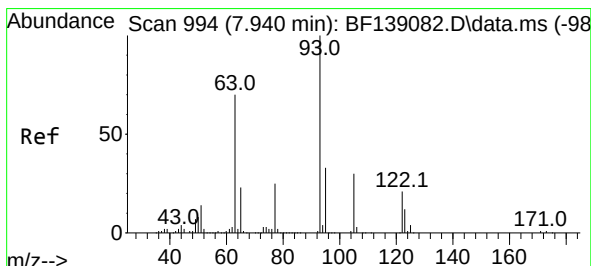
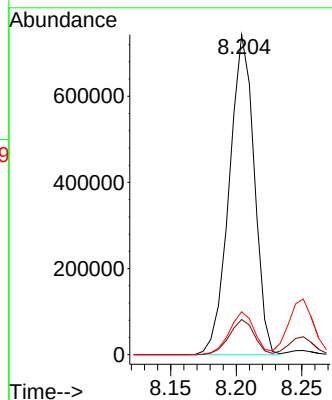
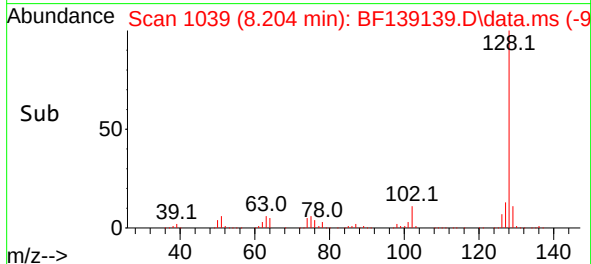


#31
Naphthalene
Concen: 42.918 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

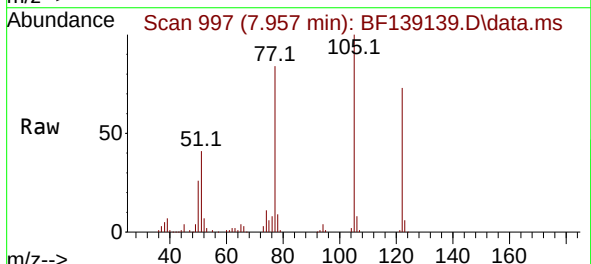
Instrument :
BNA_F
ClientSampleId :
PB162917BS



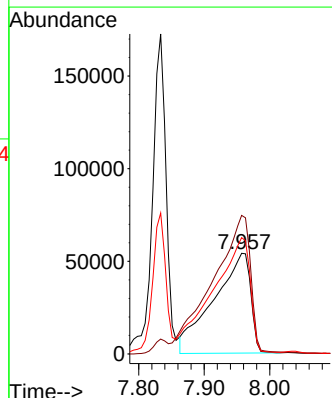
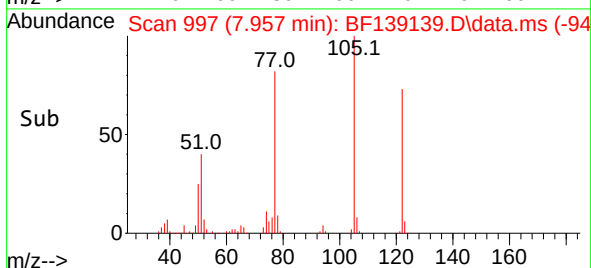
Tgt Ion:128 Resp: 985392
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.7 16.1

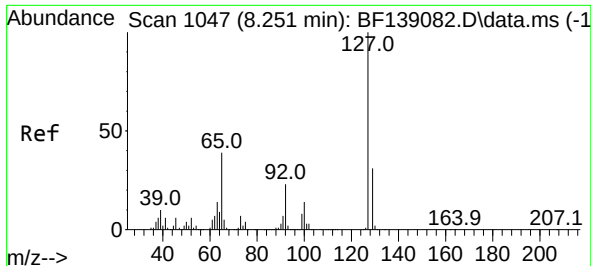


#32
Benzoic acid
Concen: 48.250 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.017 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion:122 Resp: 210806
Ion Ratio Lower Upper
122 100
105 137.8 119.6 159.6
77 115.7 97.6 137.6

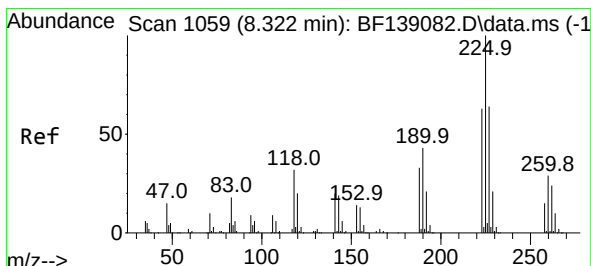
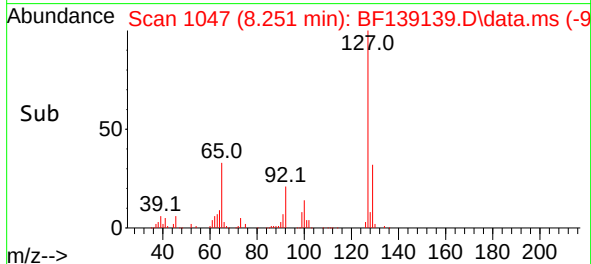
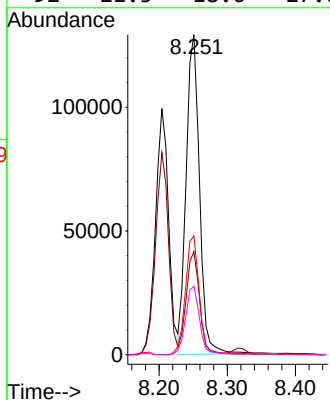
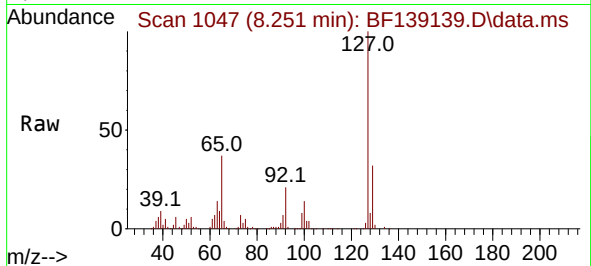




#33
4-Chloroaniline
Concen: 22.281 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

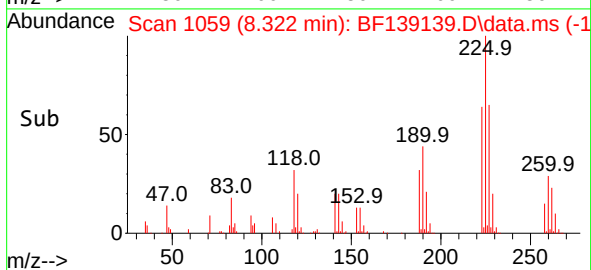
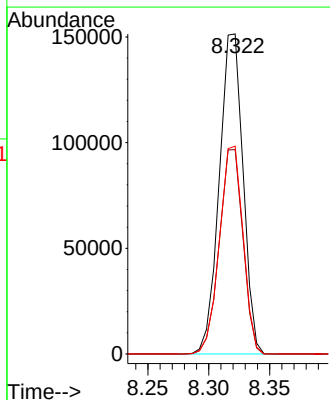
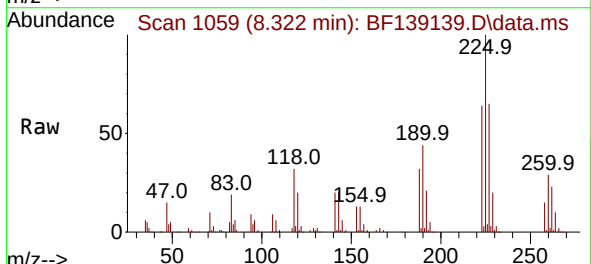
Instrument :
BNA_F
ClientSampleId :
PB162917BS

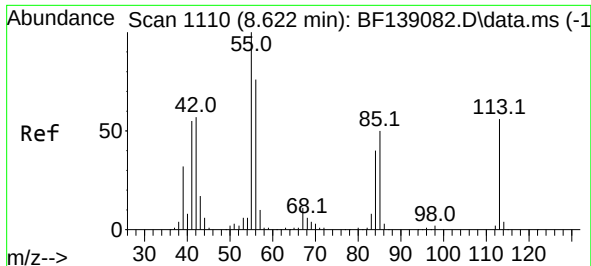
Tgt Ion:	127	Resp:	175202
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.0	39.0
65	37.1	30.3	45.5
92	21.5	18.0	27.0



#34
Hexachlorobutadiene
Concen: 41.252 ng
RT: 8.322 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:	225	Resp:	206011
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.0	75.0
227	65.0	51.4	77.2

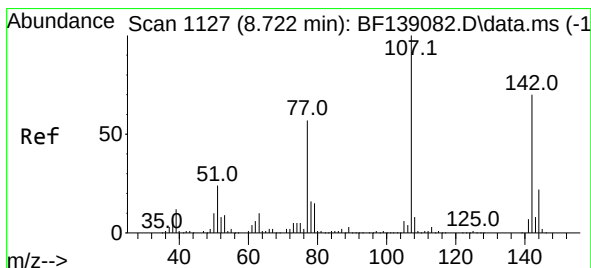
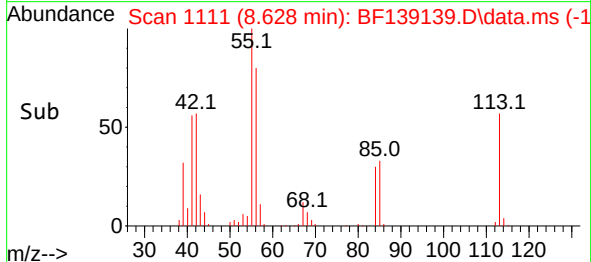
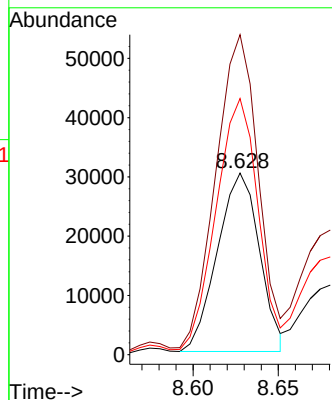
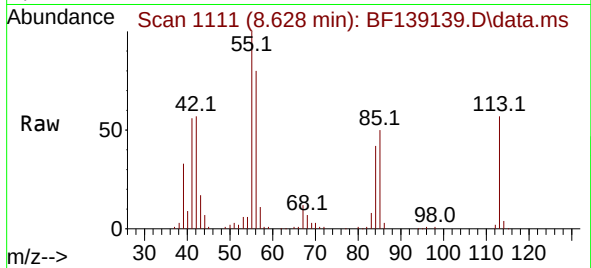




#35
 Caprolactam
 Concen: 24.990 ng
 RT: 8.628 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: BF139139.D
 Acq: 23 Aug 2024 11:12

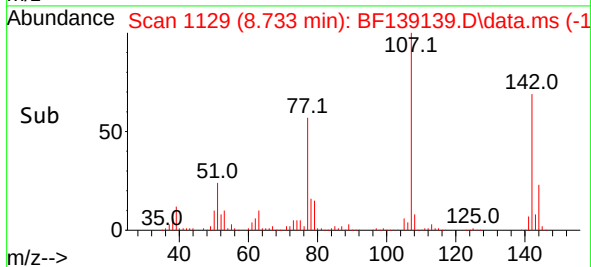
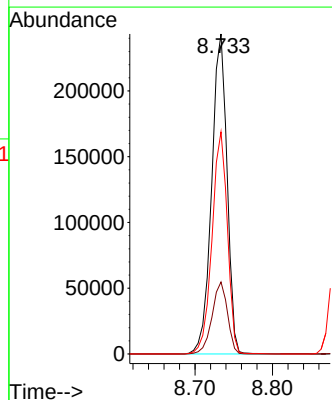
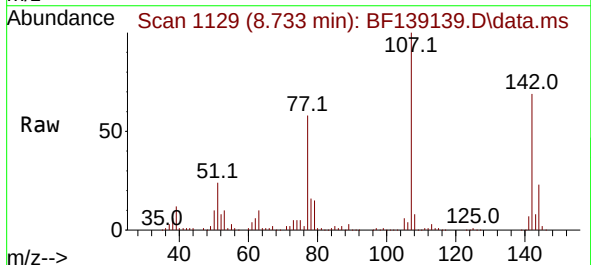
Instrument :
 BNA_F
 ClientSampleId :
 PB162917BS

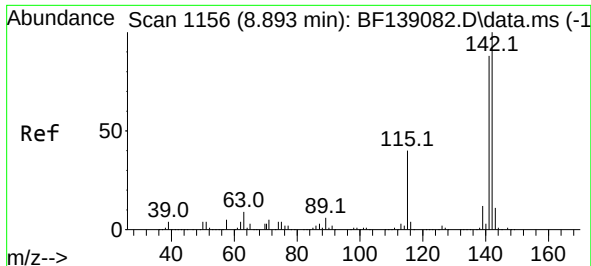
Tgt Ion:113 Resp: 51727
 Ion Ratio Lower Upper
 113 100
 55 176.2 158.6 198.6
 56 141.1 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 46.484 ng
 RT: 8.733 min Scan# 1129
 Delta R.T. 0.012 min
 Lab File: BF139139.D
 Acq: 23 Aug 2024 11:12

Tgt Ion:107 Resp: 336038
 Ion Ratio Lower Upper
 107 100
 144 22.5 17.7 26.5
 142 69.4 55.6 83.4

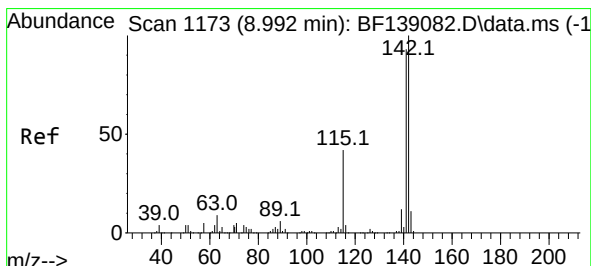
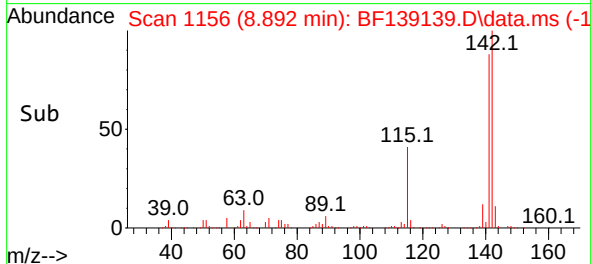
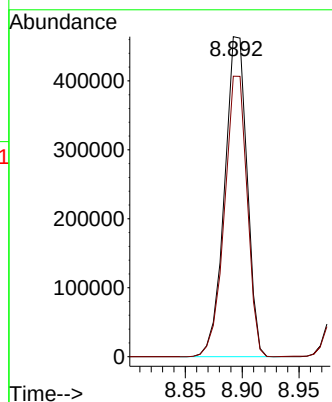
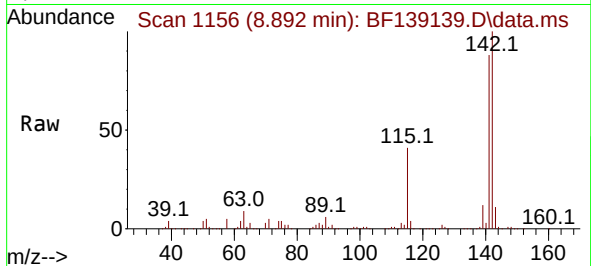




#37
2-Methylnaphthalene
Concen: 43.456 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

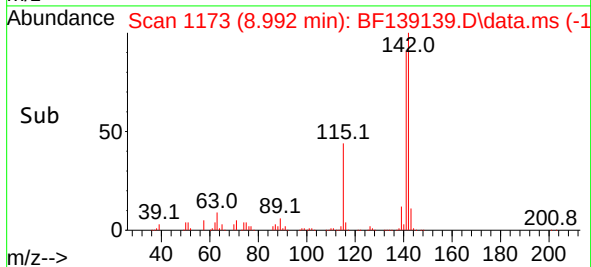
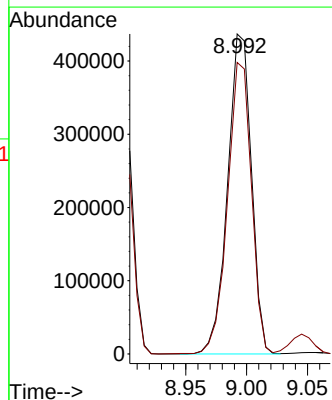
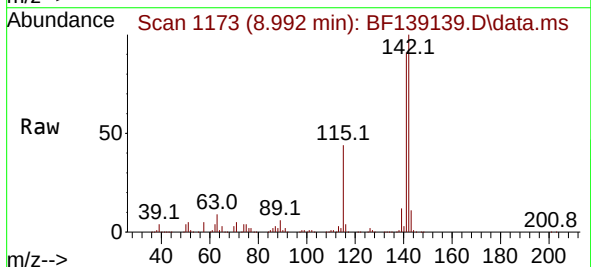
Instrument :
BNA_F
ClientSampleId :
PB162917BS

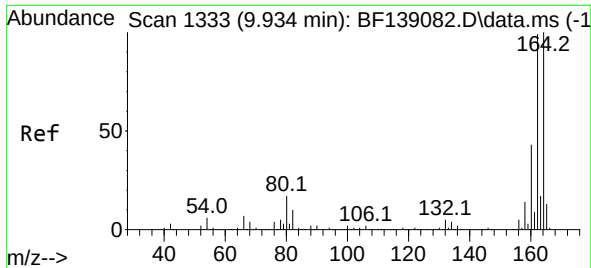
Tgt Ion:142 Resp: 639960
Ion Ratio Lower Upper
142 100
141 87.6 70.6 105.8



#38
1-Methylnaphthalene
Concen: 41.813 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:142 Resp: 594300
Ion Ratio Lower Upper
142 100
141 91.1 74.1 111.1

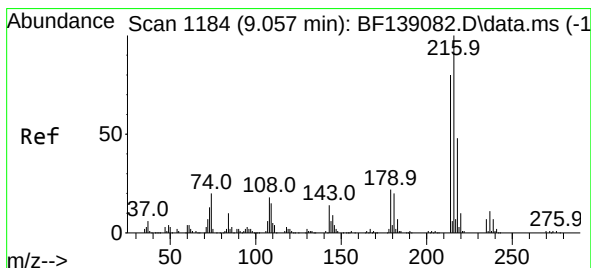
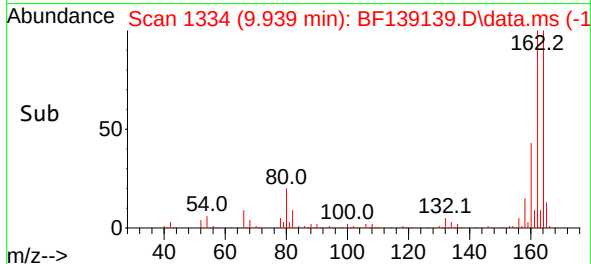
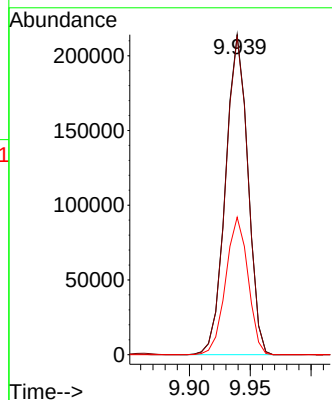
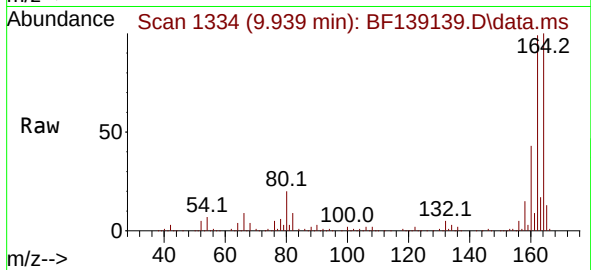




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

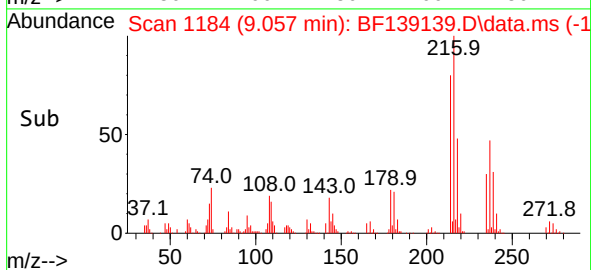
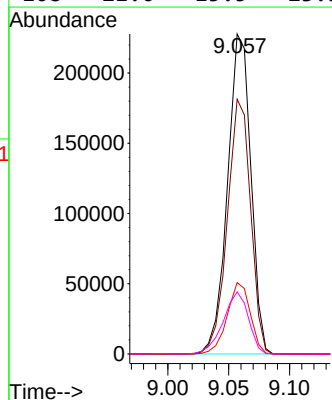
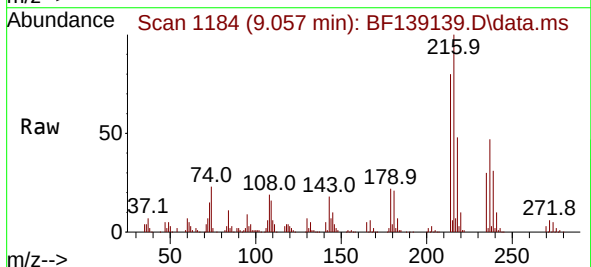
Instrument :
BNA_F
ClientSampleId :
PB162917BS

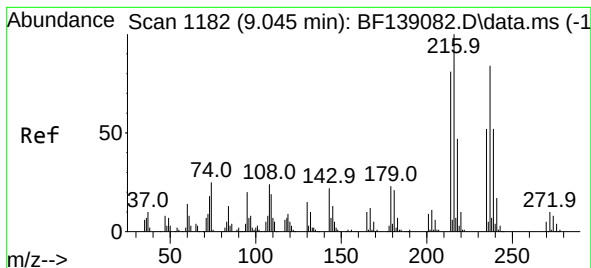
Tgt Ion:164 Resp: 274027
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 42.9 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.227 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:216 Resp: 303402
Ion Ratio Lower Upper
216 100
214 79.3 64.2 96.2
179 22.0 17.4 26.2
108 21.0 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 107.355 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

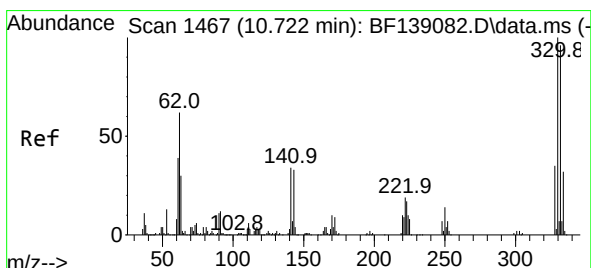
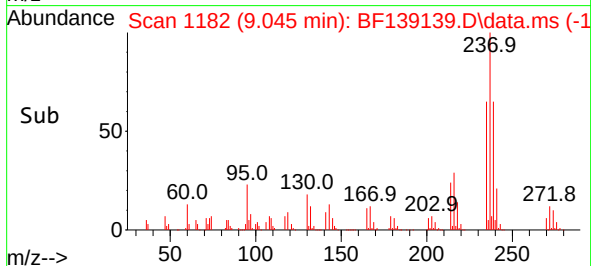
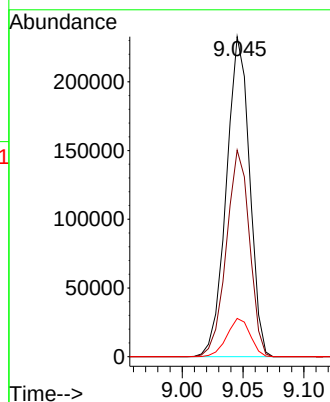
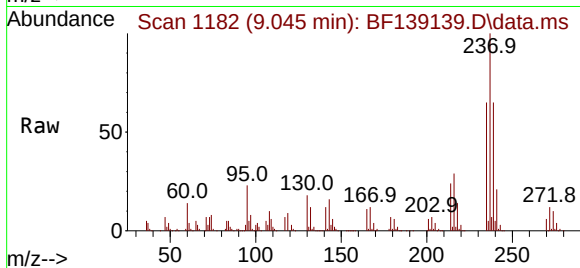
Tgt Ion:237 Resp: 309541

Ion Ratio Lower Upper

237 100

235 64.5 42.5 82.5

272 12.0 0.0 32.0



#42

2,4,6-Tribromophenol

Concen: 143.026 ng

RT: 10.733 min Scan# 1469

Delta R.T. 0.012 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

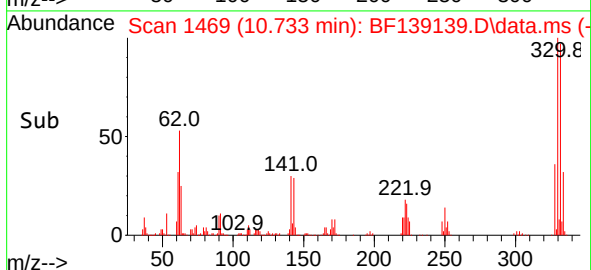
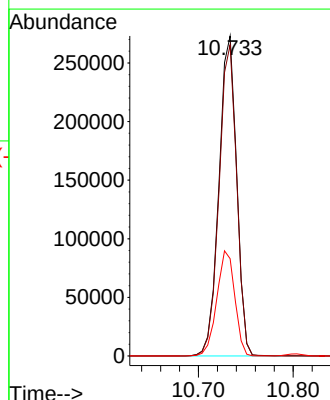
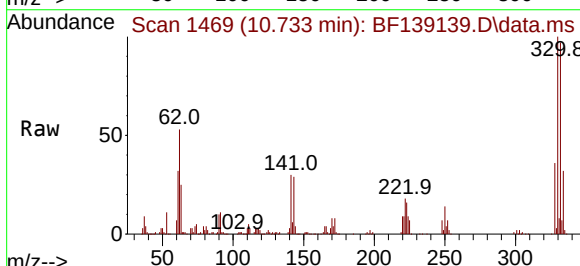
Tgt Ion:330 Resp: 354808

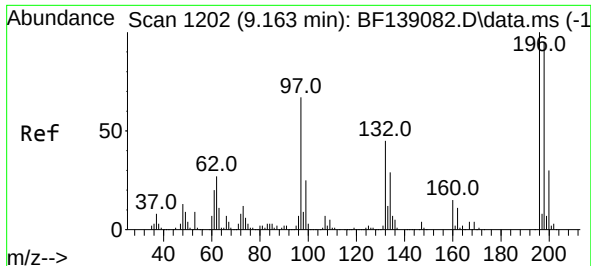
Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

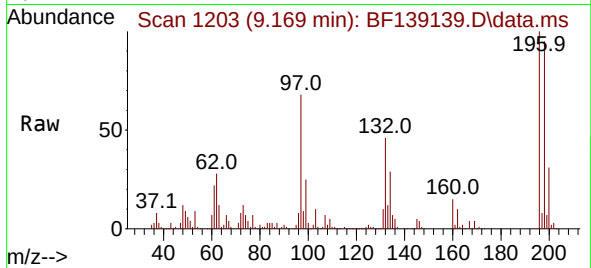
141 33.4 27.5 41.3



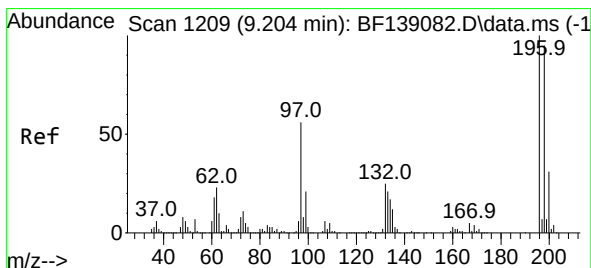
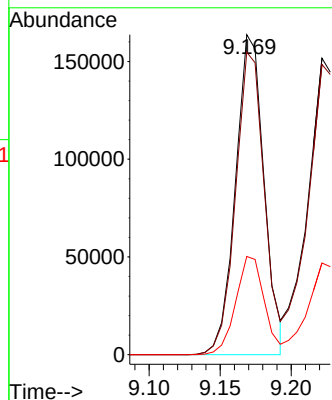
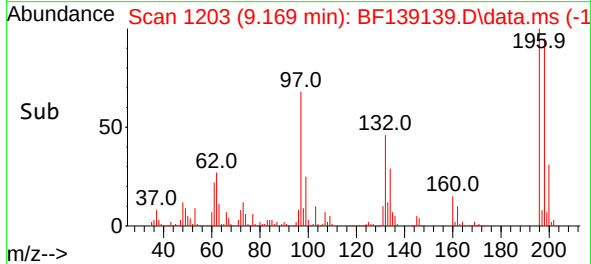


#43
2,4,6-Trichlorophenol
Concen: 45.132 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

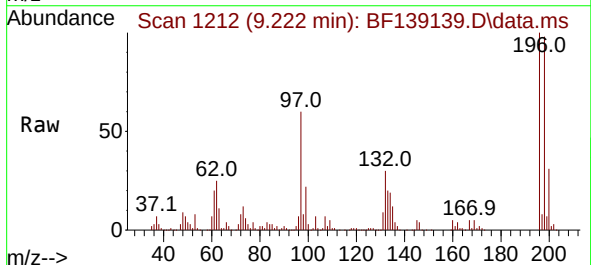
Instrument :
BNA_F
ClientSampleId :
PB162917BS



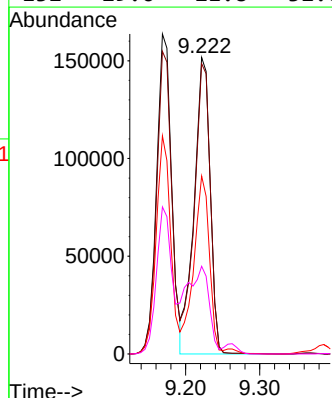
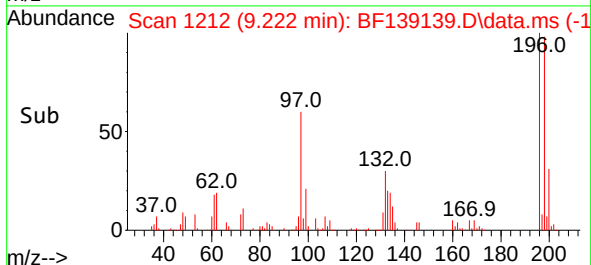
Tgt Ion:196 Resp: 228492
Ion Ratio Lower Upper
196 100
198 94.5 76.4 114.6
200 30.7 23.8 35.8

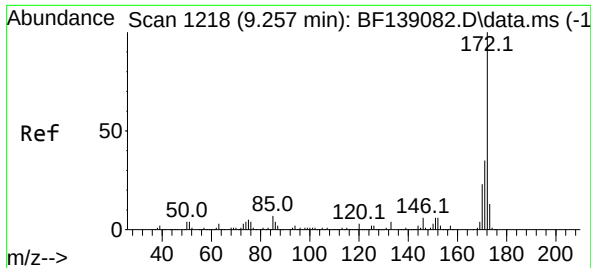


#44
2,4,5-Trichlorophenol
Concen: 43.911 ng
RT: 9.222 min Scan# 1212
Delta R.T. 0.017 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion:196 Resp: 228192
Ion Ratio Lower Upper
196 100
198 97.9 76.6 114.8
97 60.0 44.6 67.0
132 29.6 21.8 32.6

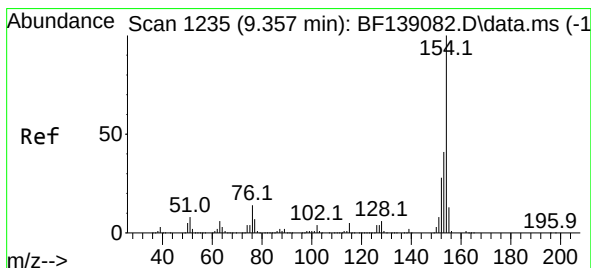
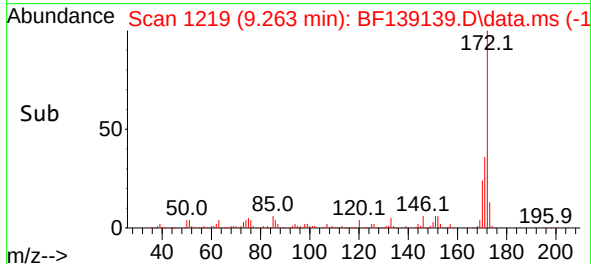
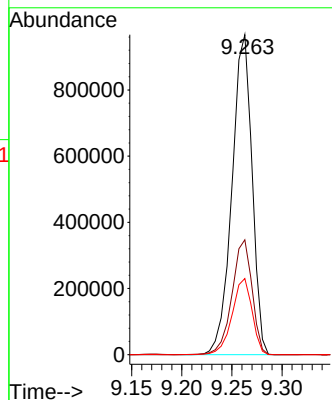
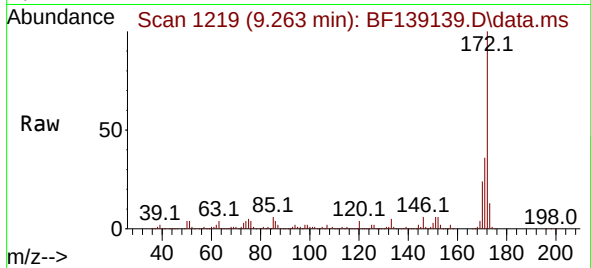




#45
2-Fluorobiphenyl
Concen: 78.132 ng
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

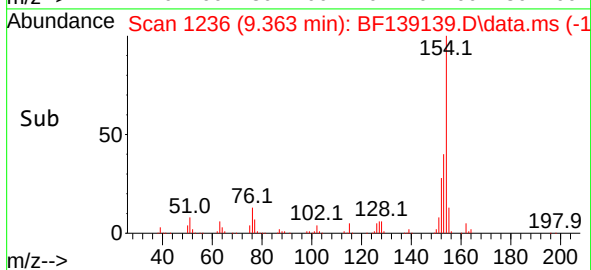
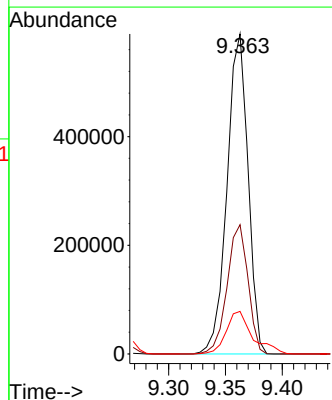
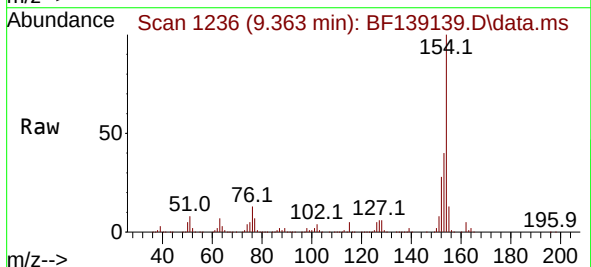
Instrument :
BNA_F
ClientSampleId :
PB162917BS

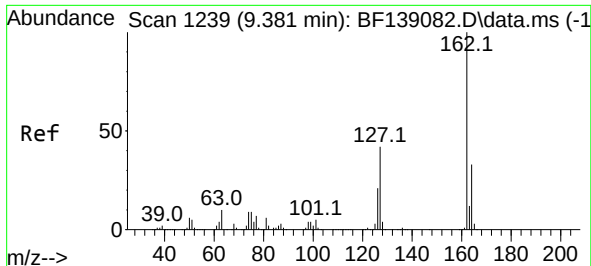
Tgt Ion:172 Resp: 1349434
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.8 18.8 28.2



#46
1,1'-Biphenyl
Concen: 40.252 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:154 Resp: 755581
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 13.3 0.0 33.6

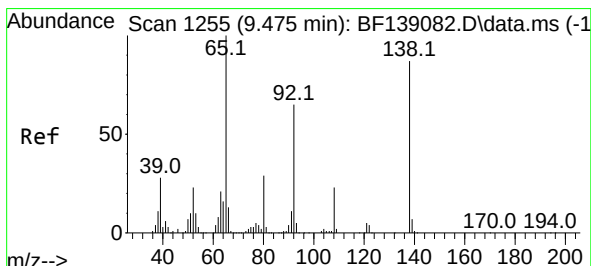
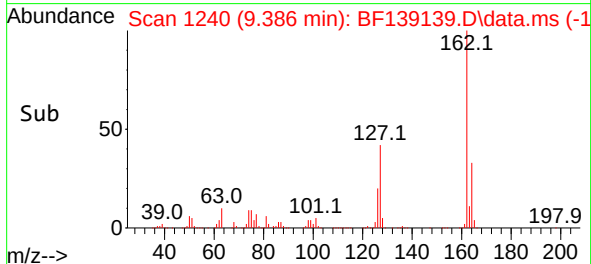
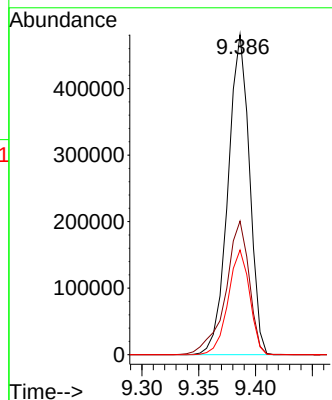
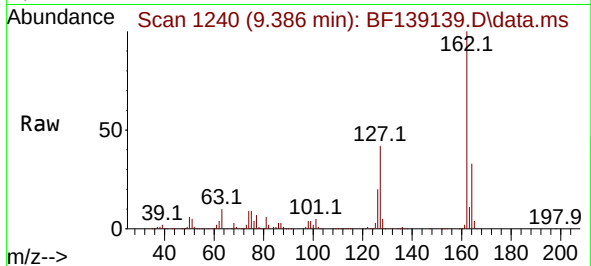




#47
2-Chloronaphthalene
Concen: 41.469 ng
RT: 9.386 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

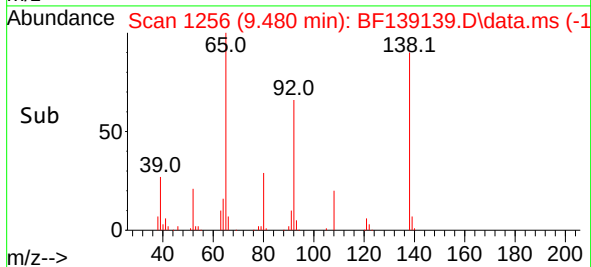
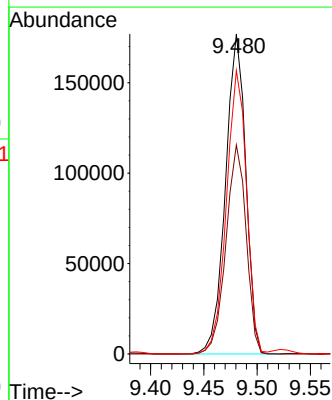
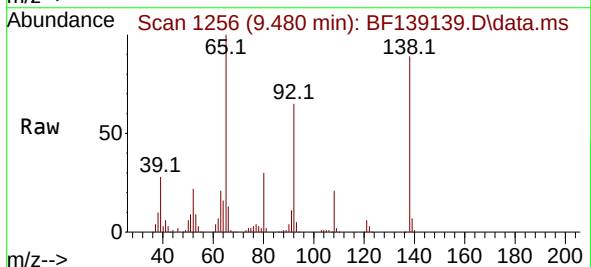
Instrument :
BNA_F
ClientSampleId :
PB162917BS

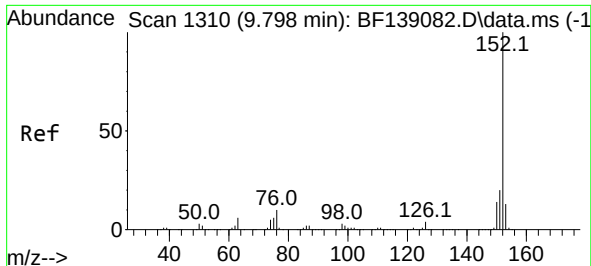
Tgt Ion:162 Resp: 632502
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.6
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 52.840 ng
RT: 9.480 min Scan# 1256
Delta R.T. 0.005 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion: 65 Resp: 233813
Ion Ratio Lower Upper
65 100
92 65.3 52.4 78.6
138 88.5 69.4 104.0





#49

Acenaphthylene

Concen: 46.174 ng

RT: 9.804 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

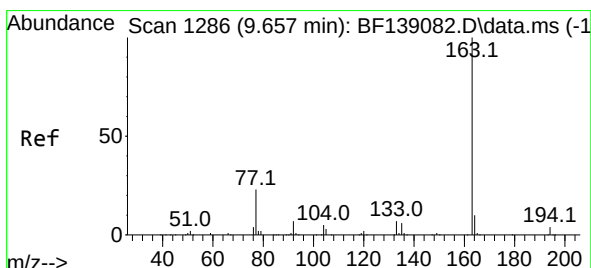
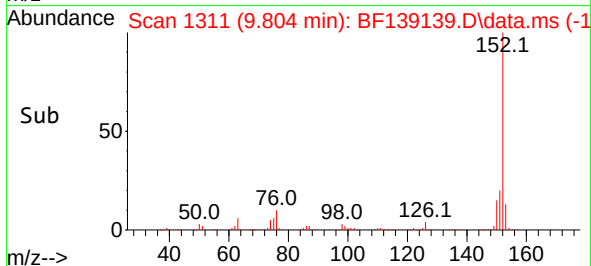
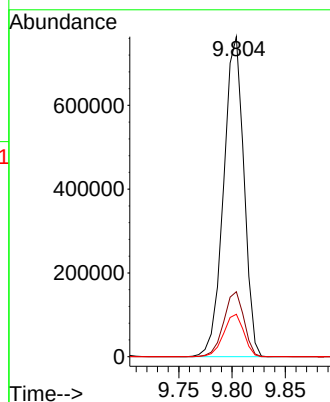
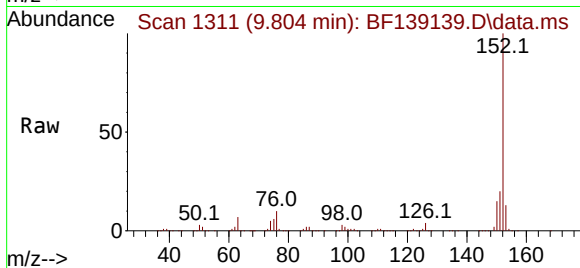
Tgt Ion:152 Resp: 1008861

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 46.178 ng

RT: 9.663 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

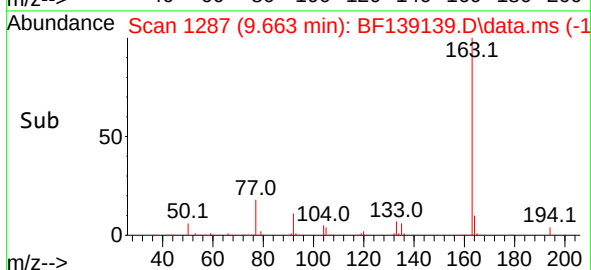
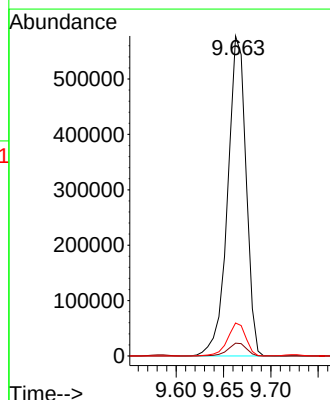
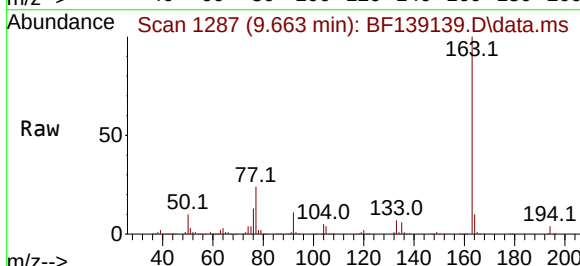
Tgt Ion:163 Resp: 781211

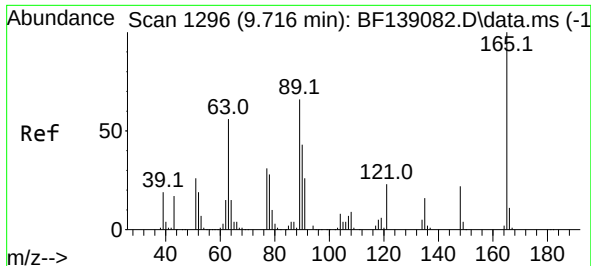
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.2 12.2

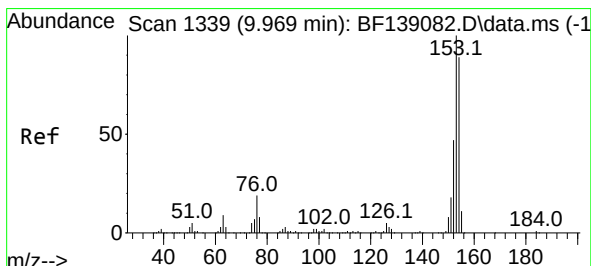
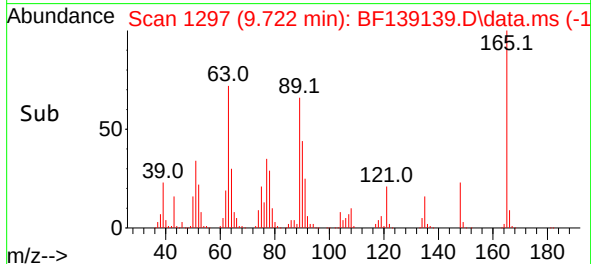
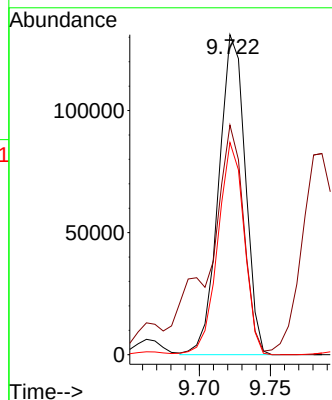
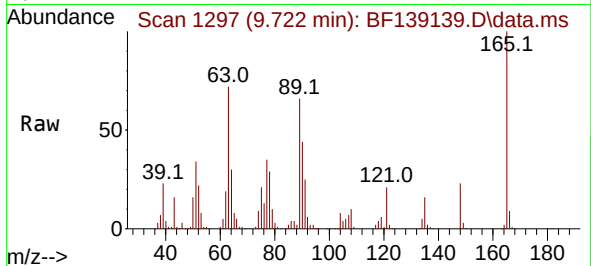




#51
2,6-Dinitrotoluene
Concen: 49.935 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

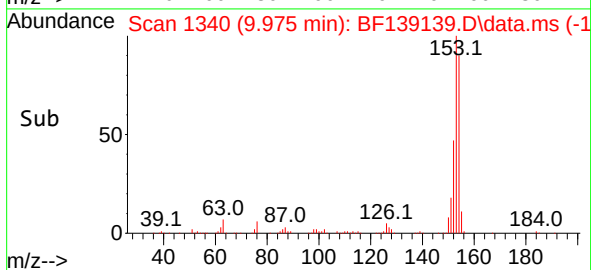
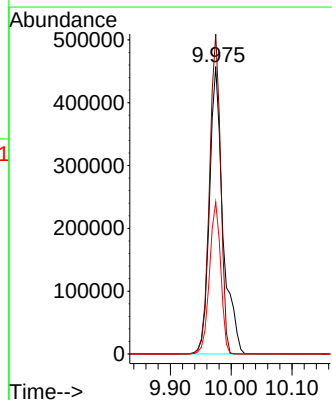
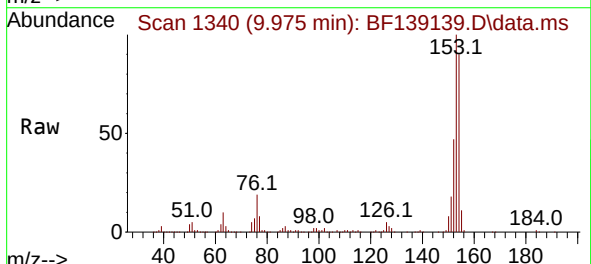
Instrument :
BNA_F
ClientSampleId :
PB162917BS

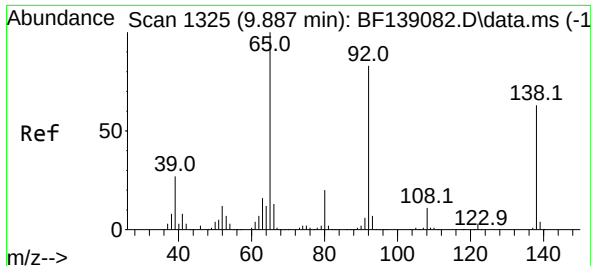
Tgt Ion:165 Resp: 170125
Ion Ratio Lower Upper
165 100
63 71.8 58.0 87.0
89 66.3 53.3 79.9



#52
Acenaphthene
Concen: 48.731 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:154 Resp: 703326
Ion Ratio Lower Upper
154 100
153 111.3 89.7 134.5
152 52.9 42.3 63.5

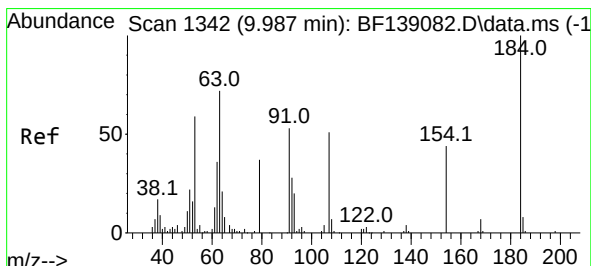
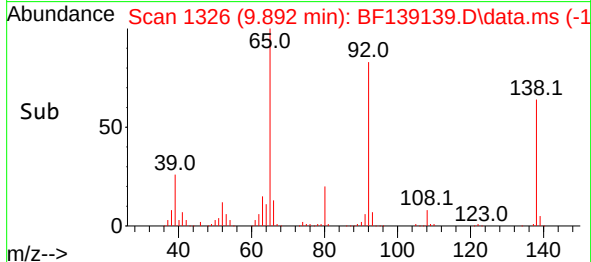
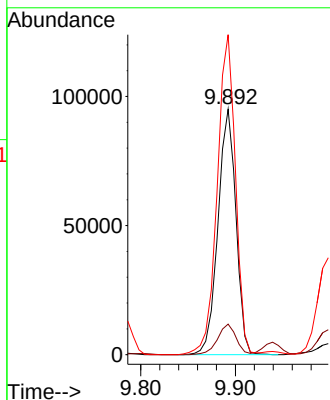
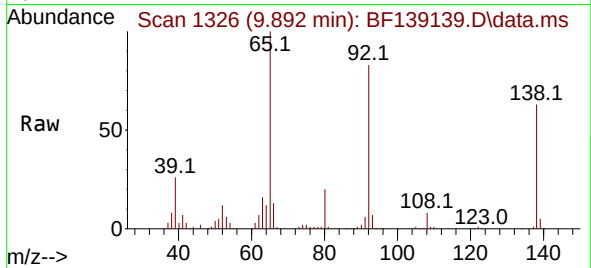




#53
3-Nitroaniline
Concen: 37.591 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.005 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

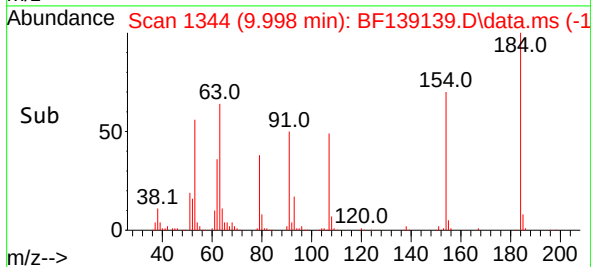
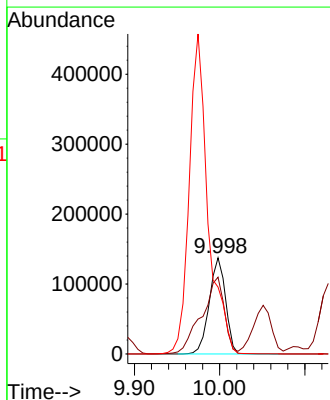
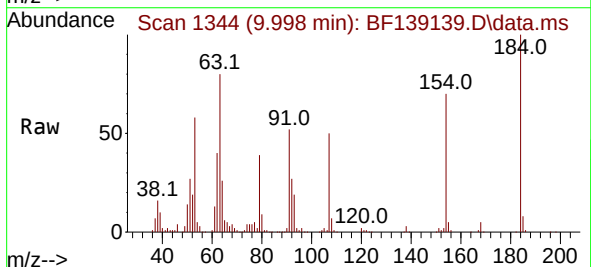
Instrument :
BNA_F
ClientSampleId :
PB162917BS

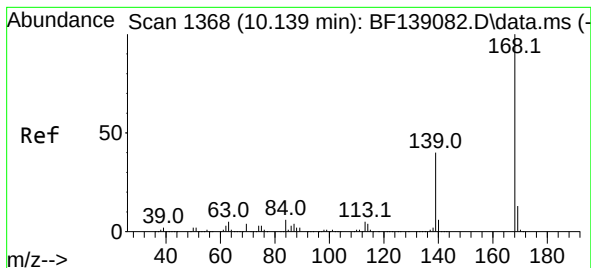
Tgt Ion:138 Resp: 125662
Ion Ratio Lower Upper
138 100
108 12.5 14.6 21.8#
92 130.3 105.9 158.9



#54
2,4-Dinitrophenol
Concen: 104.153 ng
RT: 9.998 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:184 Resp: 182314
Ion Ratio Lower Upper
184 100
63 79.9 70.5 105.7
154 69.5 135.0 202.6#





#55

Dibenzofuran

Concen: 43.835 ng

RT: 10.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

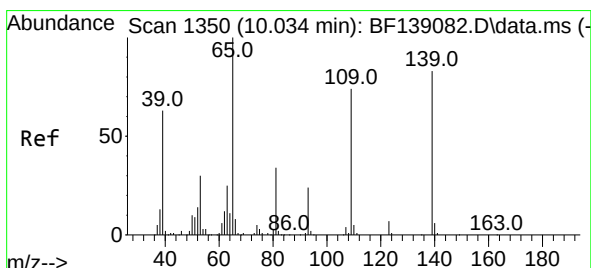
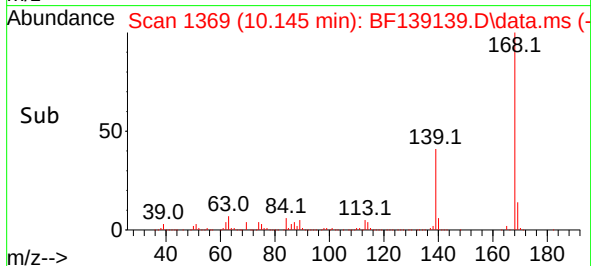
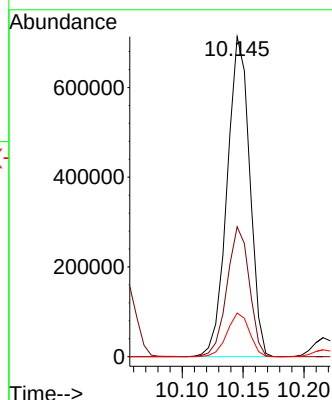
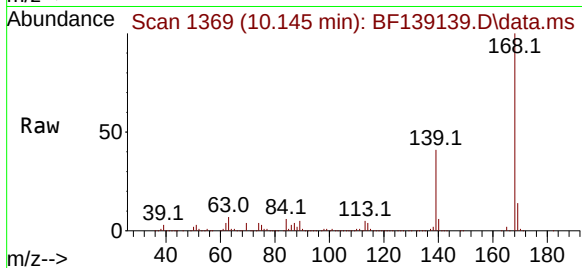
Tgt Ion:168 Resp: 918925

Ion Ratio Lower Upper

168 100

139 40.6 31.6 47.4

169 13.7 10.7 16.1



#56

4-Nitrophenol

Concen: 105.558 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.017 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

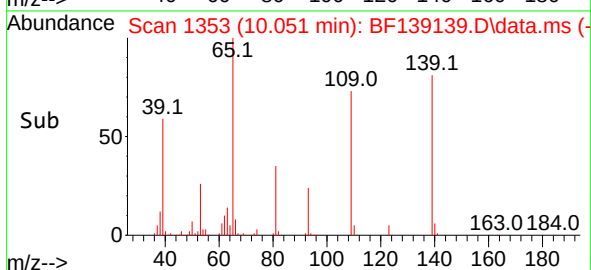
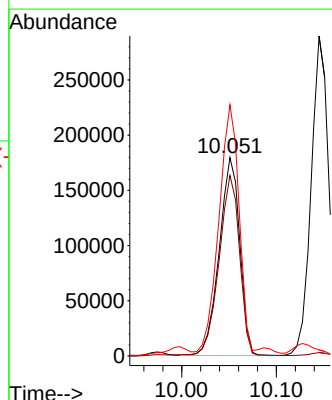
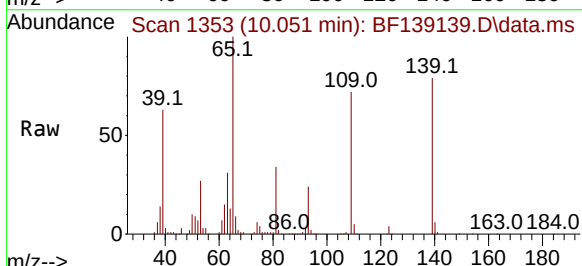
Tgt Ion:139 Resp: 269929

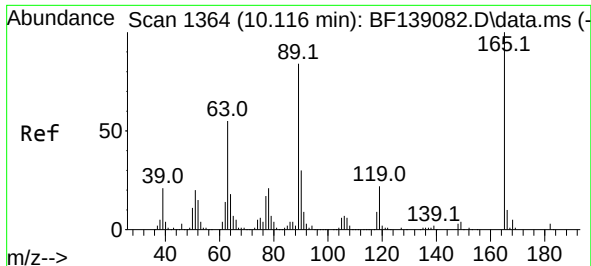
Ion Ratio Lower Upper

139 100

109 91.0 68.8 108.8

65 126.6 101.3 141.3

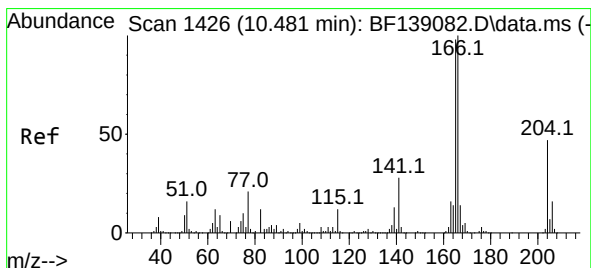
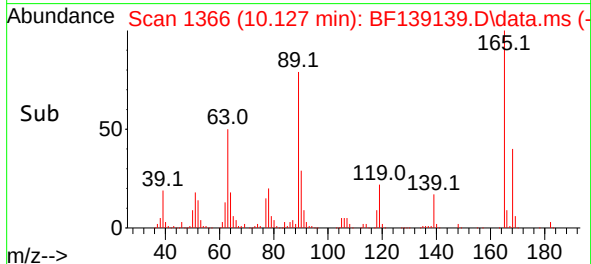
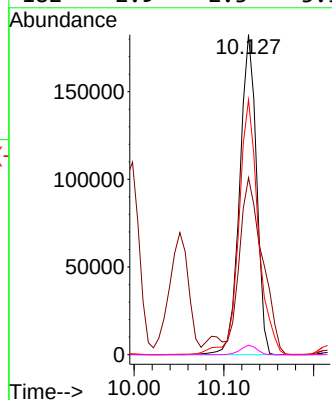
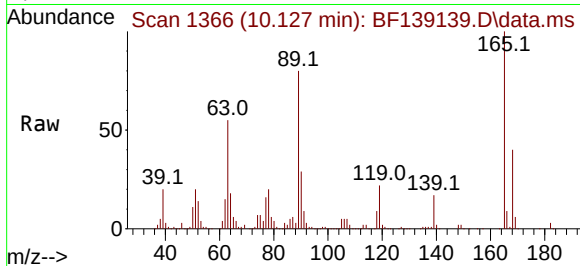




#57
2,4-Dinitrotoluene
Concen: 54.828 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

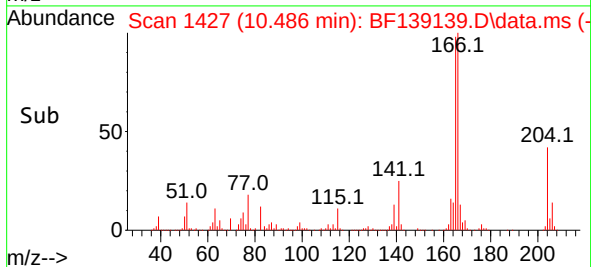
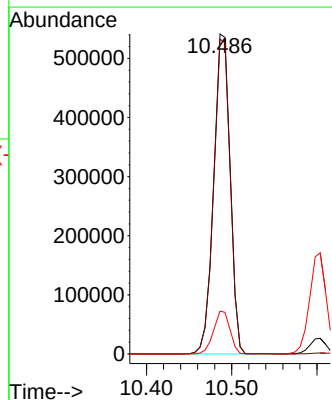
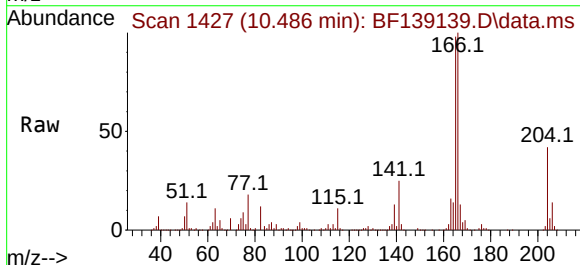
Instrument :
BNA_F
ClientSampleId :
PB162917BS

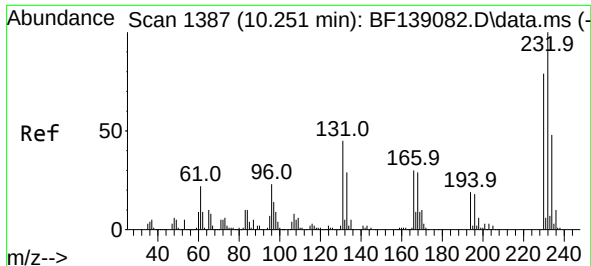
Tgt Ion:165 Resp: 237038
Ion Ratio Lower Upper
165 100
63 55.3 44.2 66.4
89 79.7 67.4 101.2
182 2.9 2.3 3.5



#58
Fluorene
Concen: 43.463 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:166 Resp: 728144
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 13.4 11.0 16.4

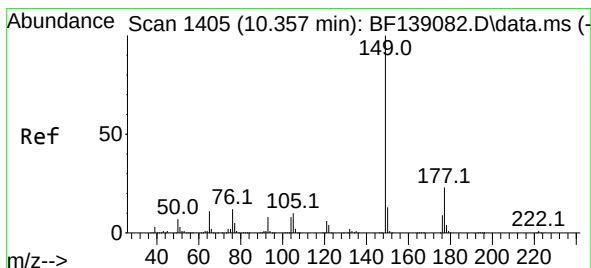
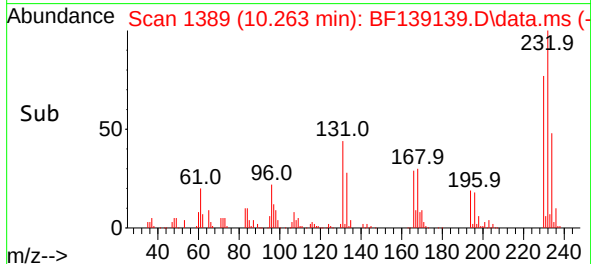
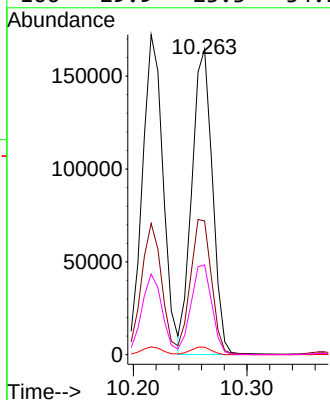
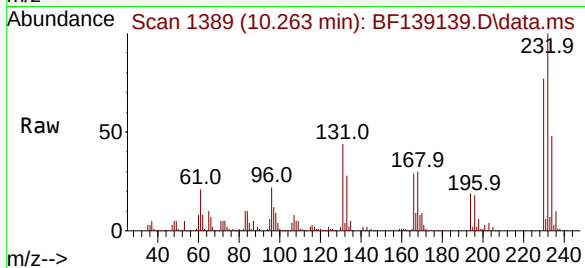




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.541 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

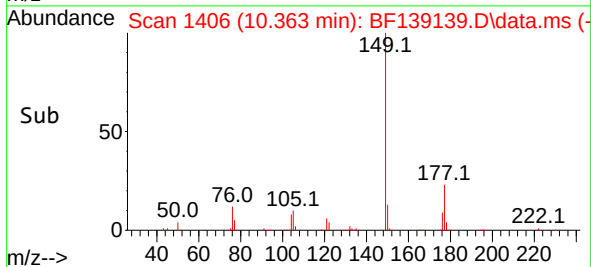
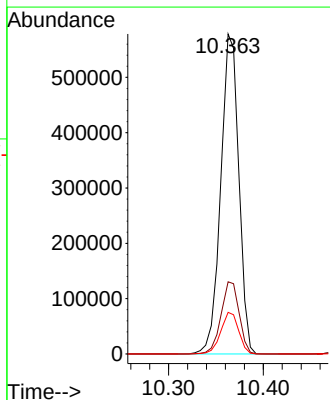
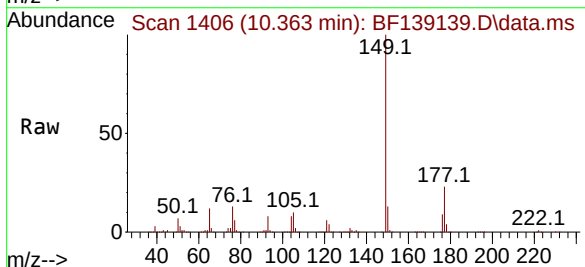
Instrument :
BNA_F
ClientSampleId :
PB162917BS

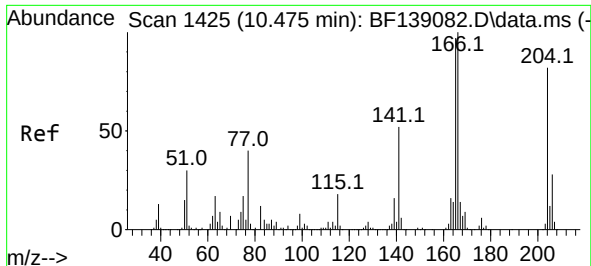
Tgt Ion:232 Resp: 206711
Ion Ratio Lower Upper
232 100
131 45.5 36.0 54.0
130 2.5 2.0 3.0
166 29.9 23.3 34.9



#60
Diethylphthalate
Concen: 45.757 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:149 Resp: 766996
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 13.0 10.2 15.2

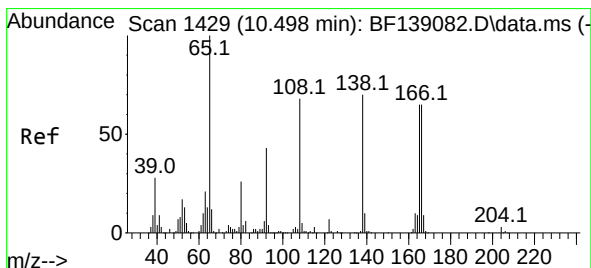
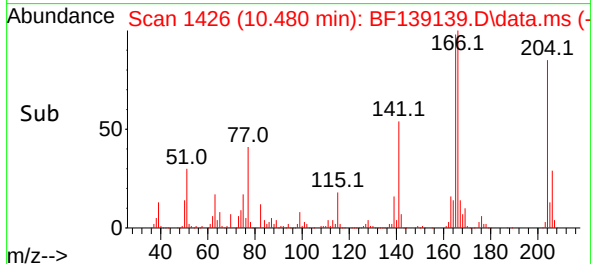
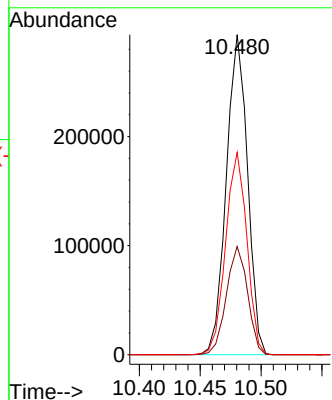
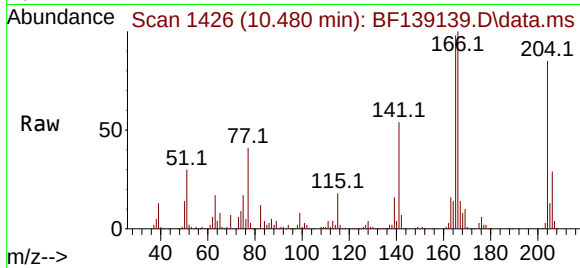




#61
4-Chlorophenyl-phenylether
Concen: 42.574 ng
RT: 10.480 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

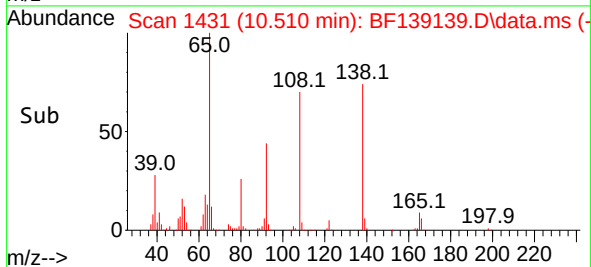
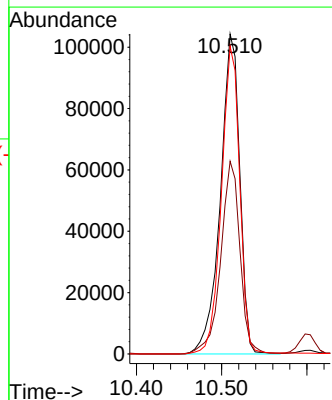
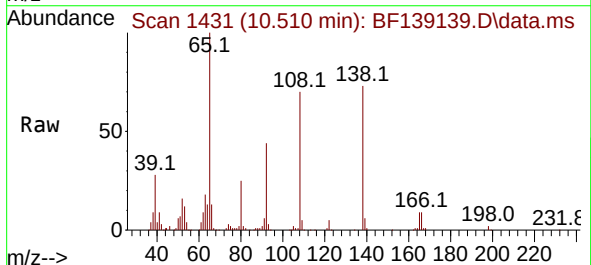
Instrument :
BNA_F
ClientSampleId :
PB162917BS

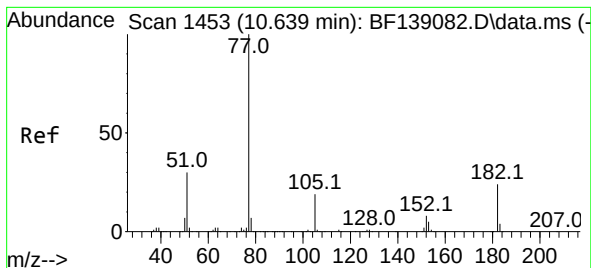
Tgt Ion:204 Resp: 356221
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.4
141 63.2 50.9 76.3



#62
4-Nitroaniline
Concen: 47.564 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:138 Resp: 165033
Ion Ratio Lower Upper
138 100
92 60.2 41.4 81.4
108 96.1 76.8 116.8





#63

Azobenzene

Concen: 44.513 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

Tgt Ion: 77 Resp: 829160

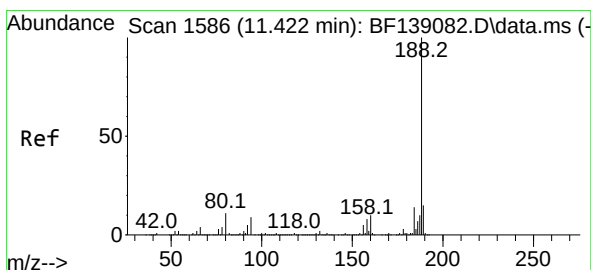
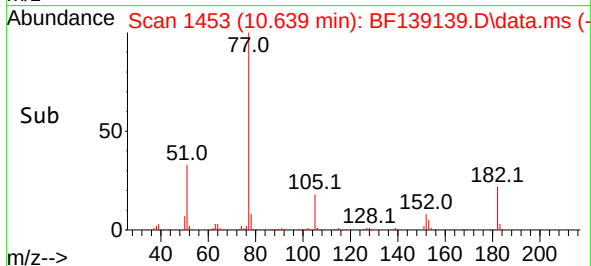
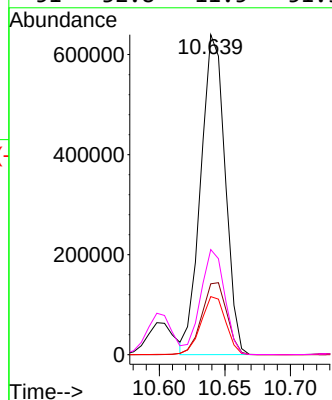
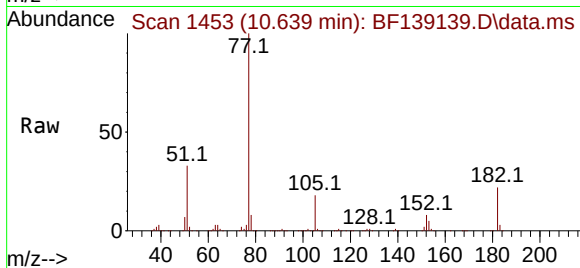
Ion Ratio Lower Upper

77 100

182 22.1 4.0 44.0

105 18.1 0.0 39.1

51 32.8 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

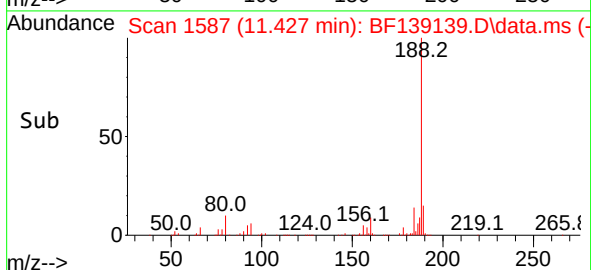
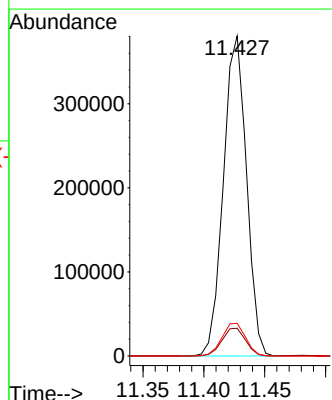
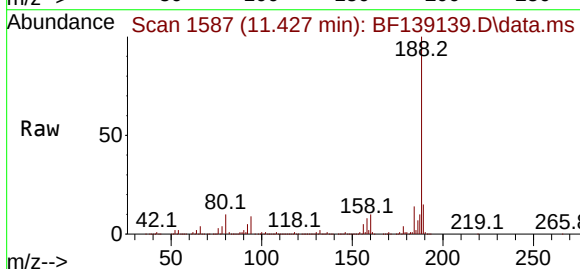
Tgt Ion:188 Resp: 501979

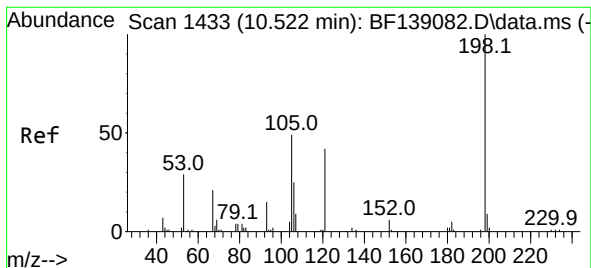
Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 10.2 8.5 12.7

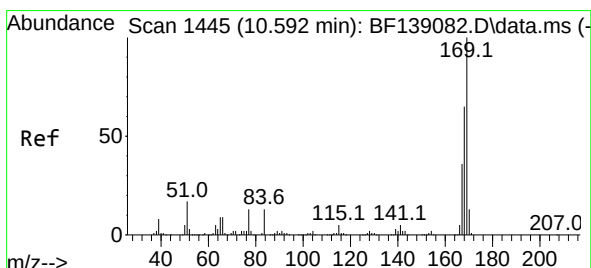
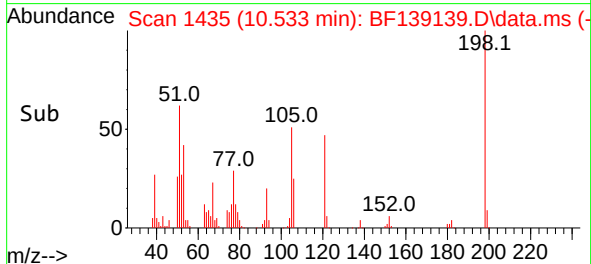
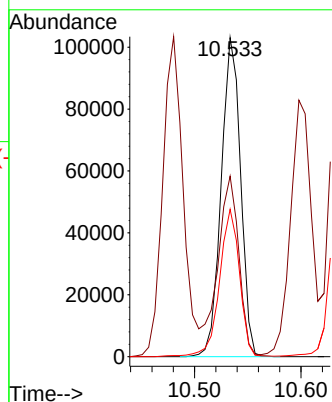
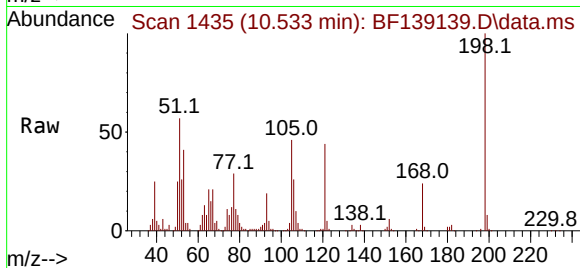




#65
4,6-Dinitro-2-methylphenol
Concen: 64.423 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.011 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

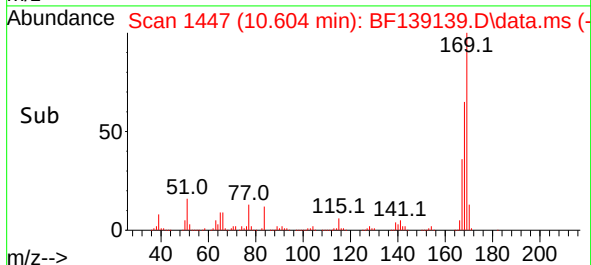
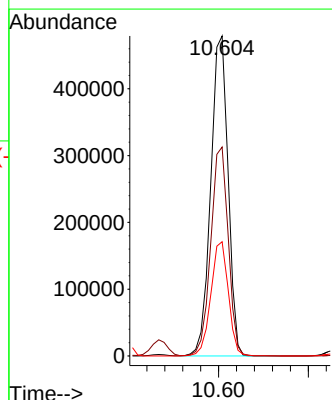
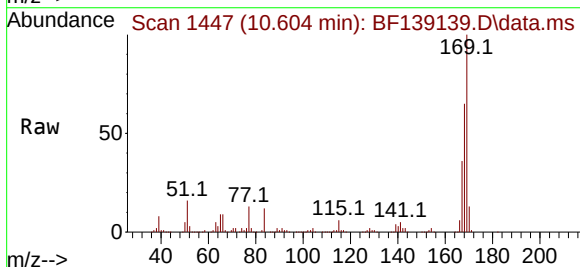
Instrument :
BNA_F
ClientSampleId :
PB162917BS

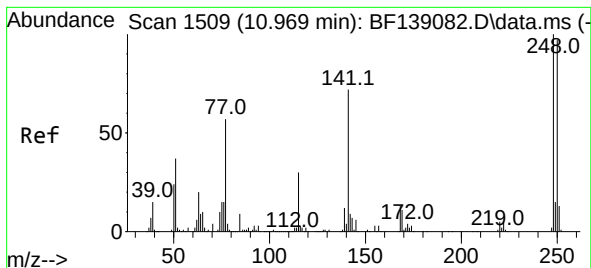
Tgt Ion:198 Resp: 130069
Ion Ratio Lower Upper
198 100
51 56.5 40.8 80.8
105 46.2 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 43.205 ng
RT: 10.604 min Scan# 1447
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:169 Resp: 641731
Ion Ratio Lower Upper
169 100
168 65.3 52.4 78.6
167 35.7 28.6 43.0

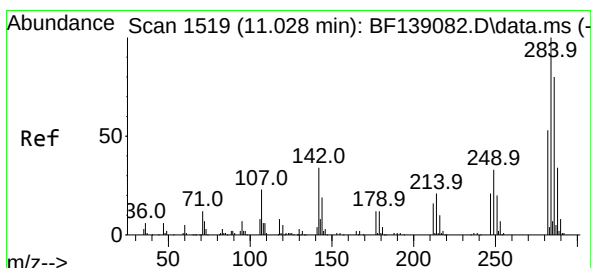
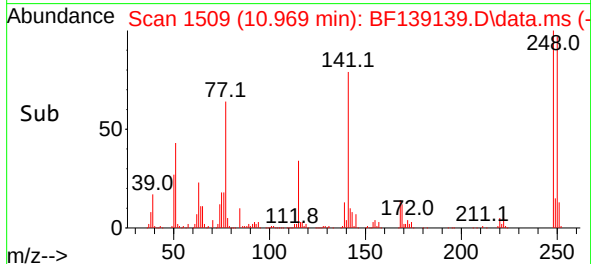
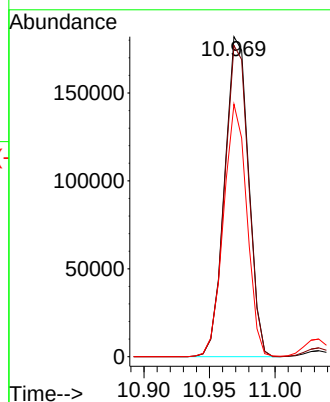
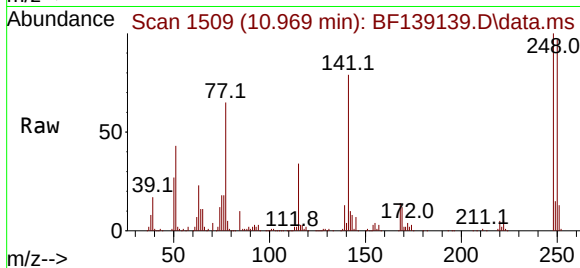




#67
4-Bromophenyl-phenylether
Concen: 43.547 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

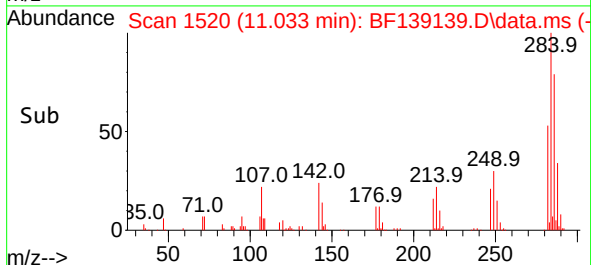
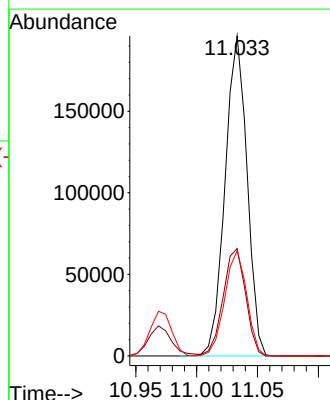
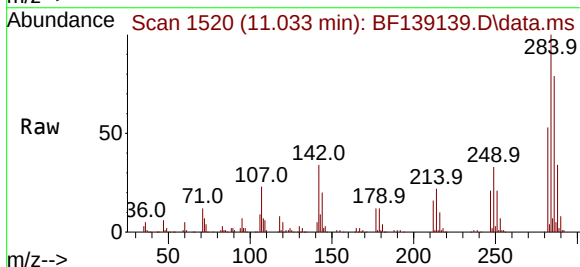
Instrument :
BNA_F
ClientSampleId :
PB162917BS

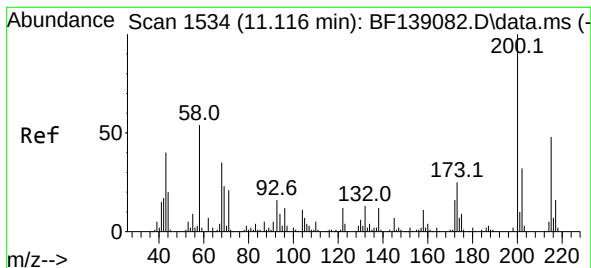
Tgt Ion:248 Resp: 231632
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 78.9 57.9 86.9



#68
Hexachlorobenzene
Concen: 43.133 ng
RT: 11.033 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:284 Resp: 246139
Ion Ratio Lower Upper
284 100
142 33.6 27.1 40.7
249 32.9 26.8 40.2





#69

Atrazine

Concen: 41.145 ng

RT: 11.127 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

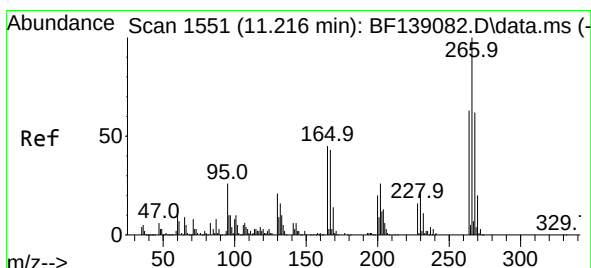
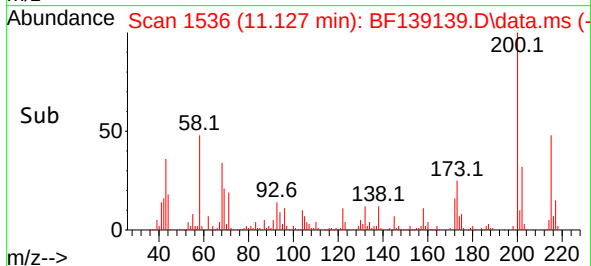
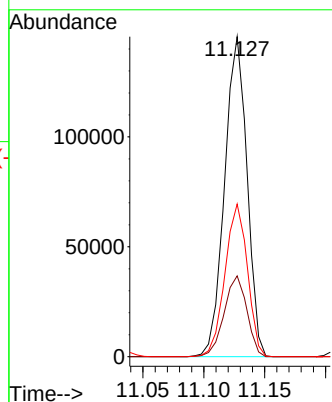
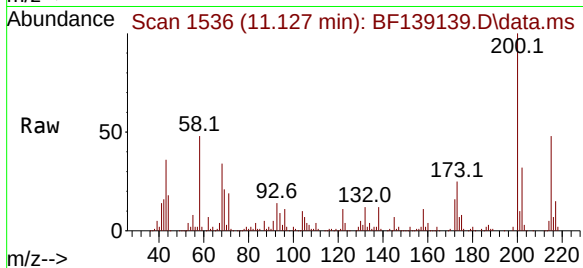
Tgt Ion:200 Resp: 186645

Ion Ratio Lower Upper

200 100

173 25.3 5.2 45.2

215 47.7 27.9 67.9



#70

Pentachlorophenol

Concen: 87.421 ng

RT: 11.227 min Scan# 1553

Delta R.T. 0.012 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

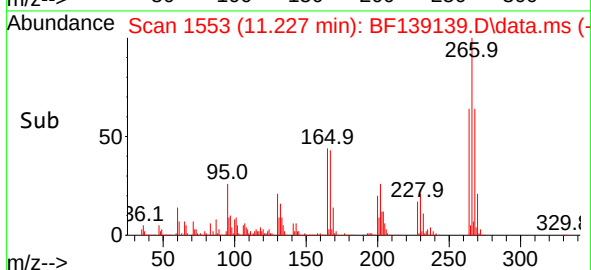
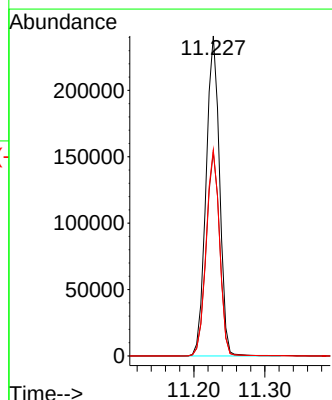
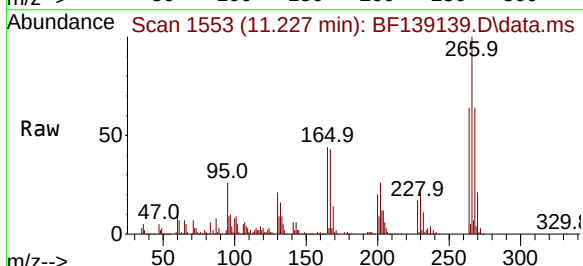
Tgt Ion:266 Resp: 318669

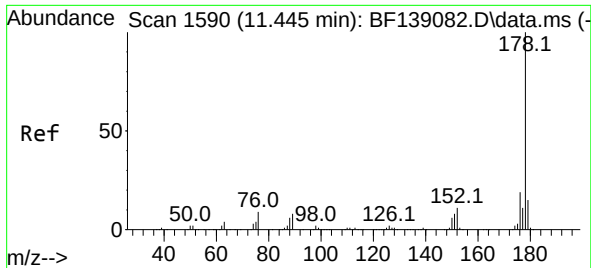
Ion Ratio Lower Upper

266 100

268 63.7 49.5 74.3

264 64.4 50.0 75.0

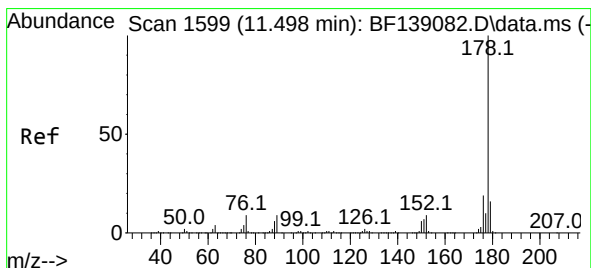
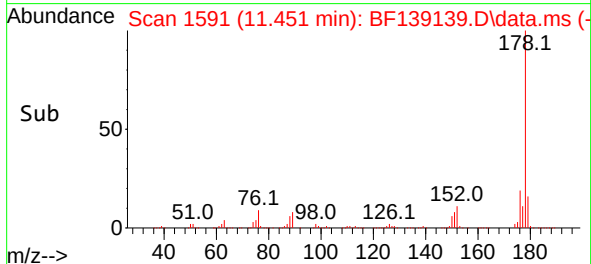
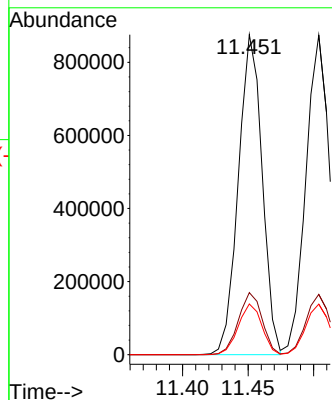
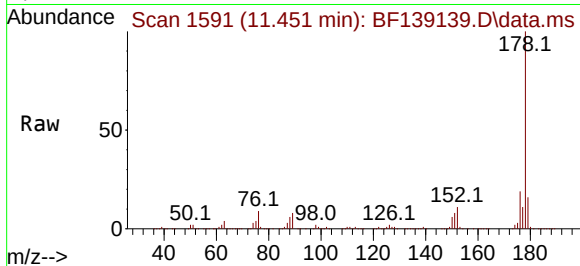




#71
Phenanthrene
Concen: 43.392 ng
RT: 11.451 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

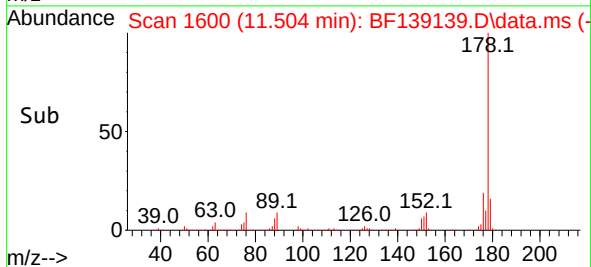
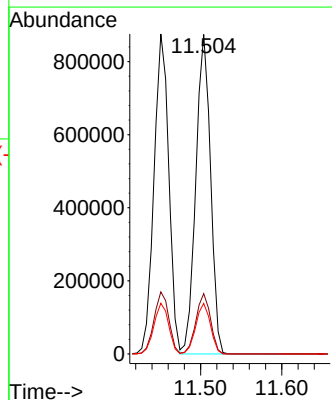
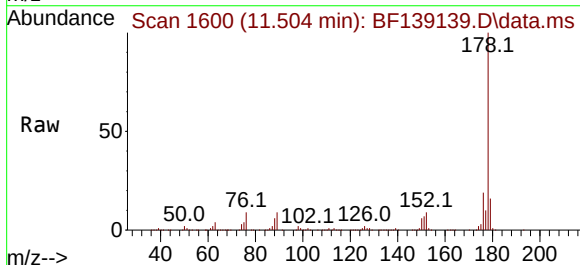
Instrument :
BNA_F
ClientSampleId :
PB162917BS

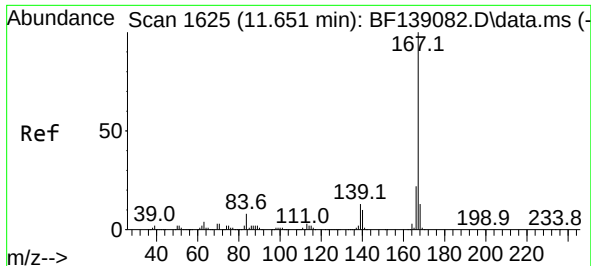
Tgt Ion:178 Resp: 1107125
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.3 18.5



#72
Anthracene
Concen: 44.135 ng
RT: 11.504 min Scan# 1600
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:178 Resp: 1101276
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.9 12.4 18.6

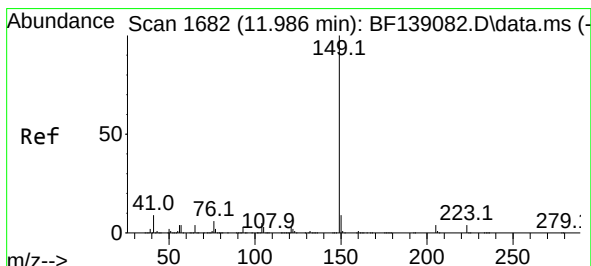
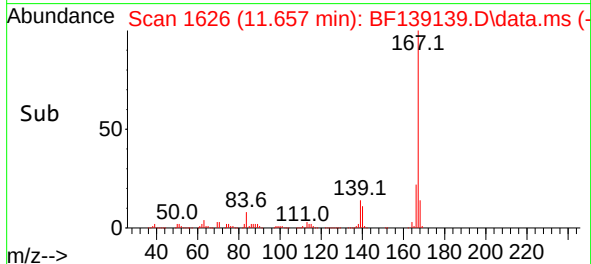
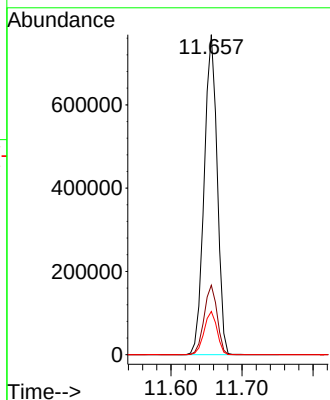
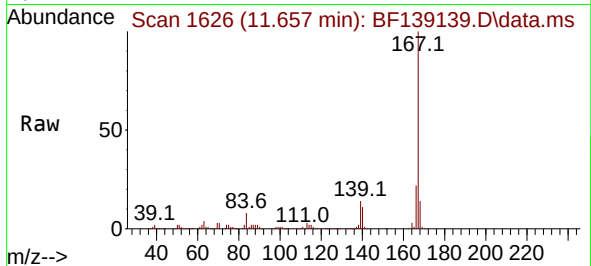




#73
 Carbazole
 Concen: 42.065 ng
 RT: 11.657 min Scan# 1626
 Delta R.T. 0.006 min
 Lab File: BF139139.D
 Acq: 23 Aug 2024 11:12

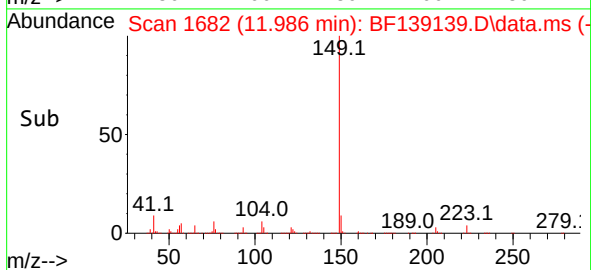
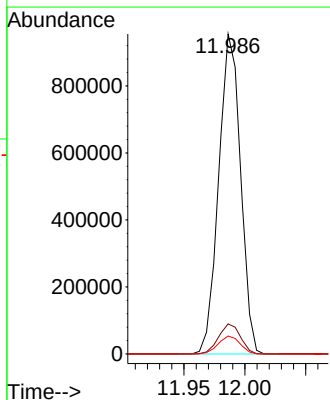
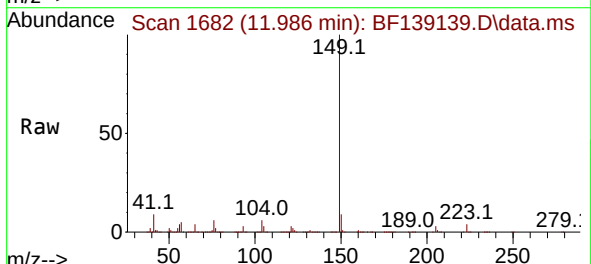
Instrument :
 BNA_F
 ClientSampleId :
 PB162917BS

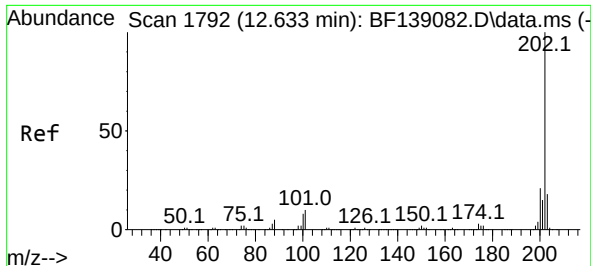
Tgt Ion:167 Resp: 980134
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.5 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.213 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139139.D
 Acq: 23 Aug 2024 11:12

Tgt Ion:149 Resp: 1194517
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.6 4.3 6.5

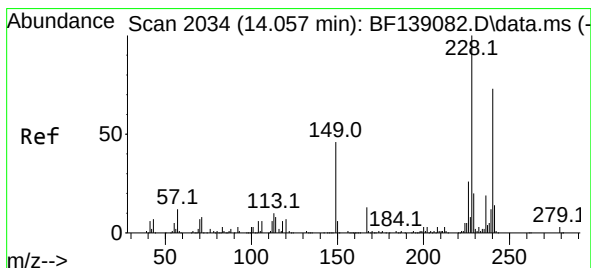
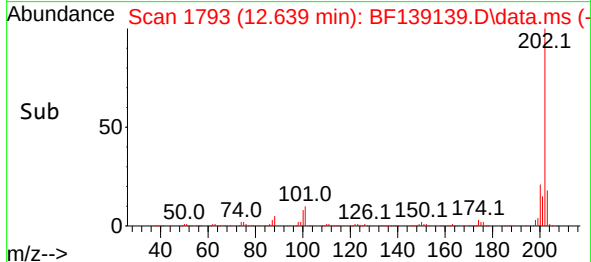
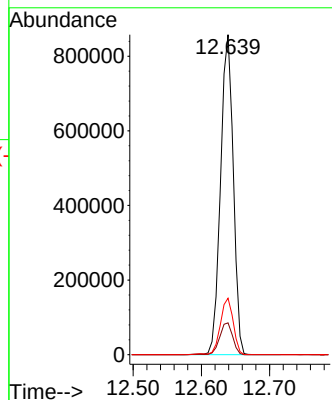
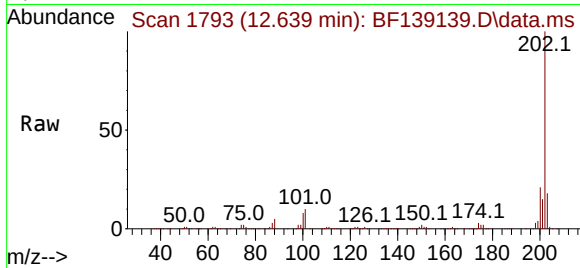




#75
Fluoranthene
Concen: 40.929 ng
RT: 12.639 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

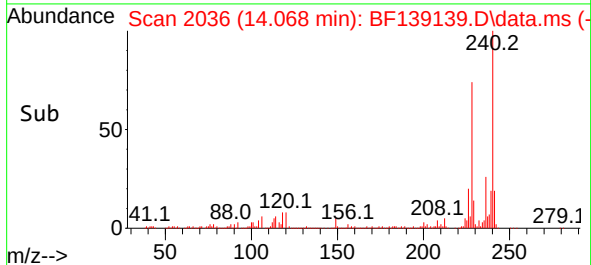
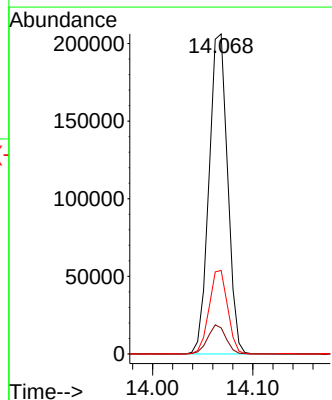
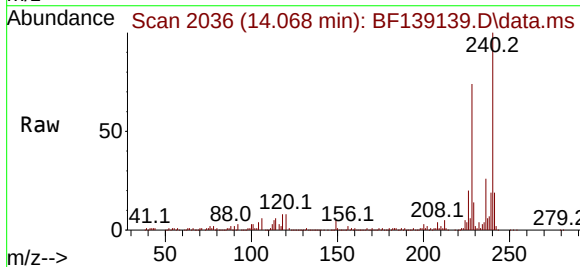
Instrument :
BNA_F
ClientSampleId :
PB162917BS

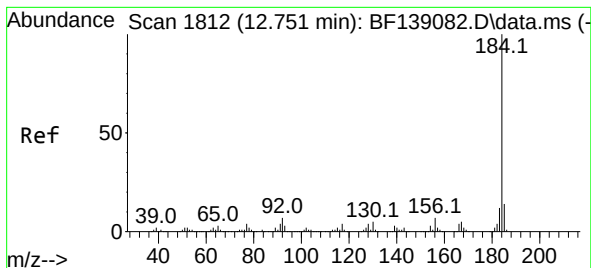
Tgt Ion:202 Resp: 1114612
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:240 Resp: 265971
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 26.1 20.9 31.3





#77

Benzidine

Concen: 9.494 ng

RT: 12.757 min Scan# 1813

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

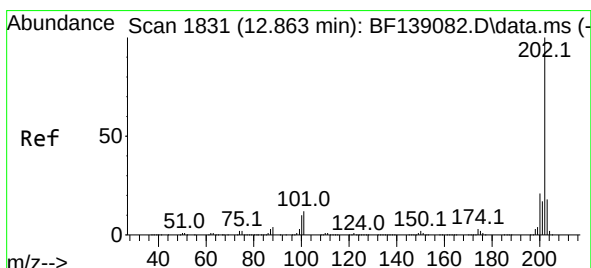
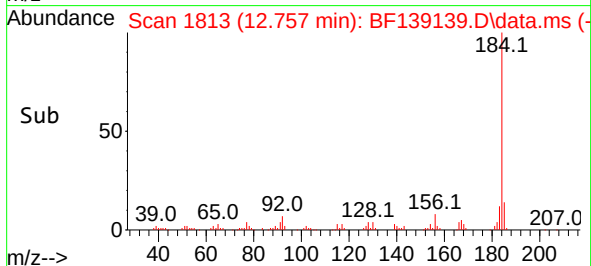
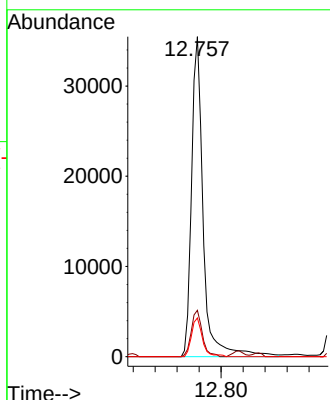
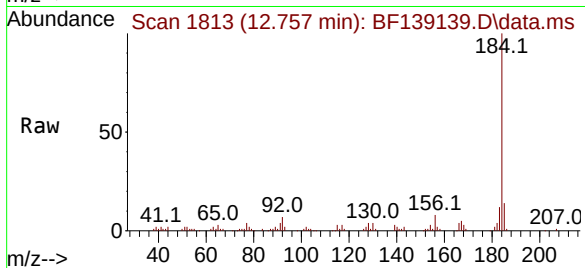
Tgt Ion:184 Resp: 52160

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 12.1 9.8 14.6



#78

Pyrene

Concen: 49.716 ng

RT: 12.868 min Scan# 1832

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

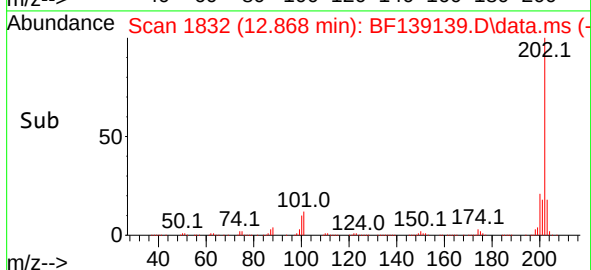
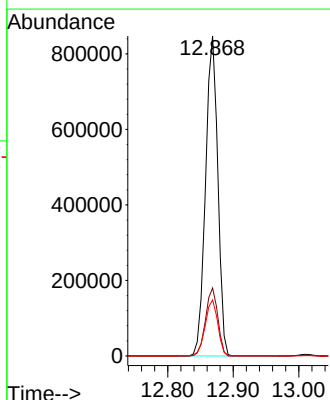
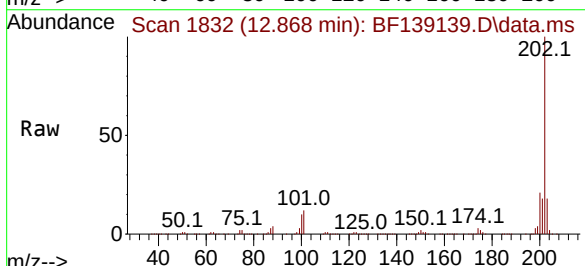
Tgt Ion:202 Resp: 1103478

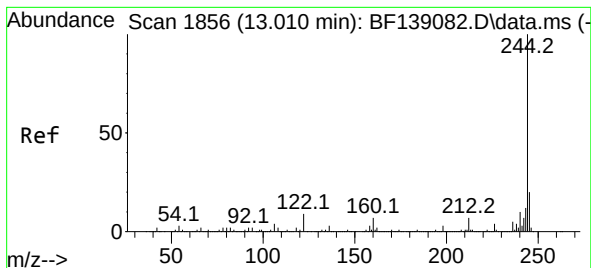
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 101.627 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

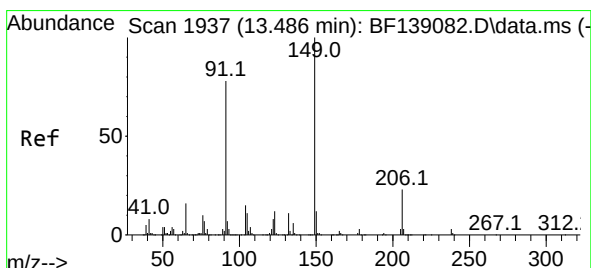
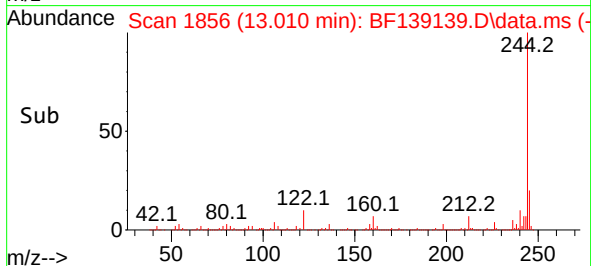
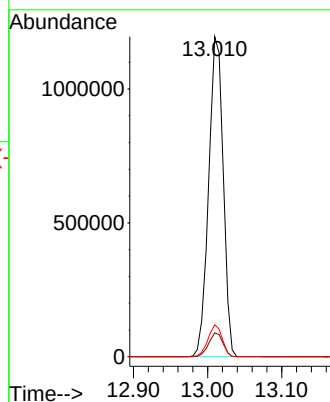
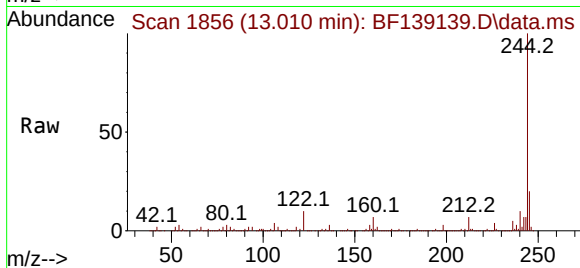
Tgt Ion:244 Resp: 1628992

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 10.0 7.6 11.4



#80

Butylbenzylphthalate

Concen: 53.606 ng

RT: 13.486 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

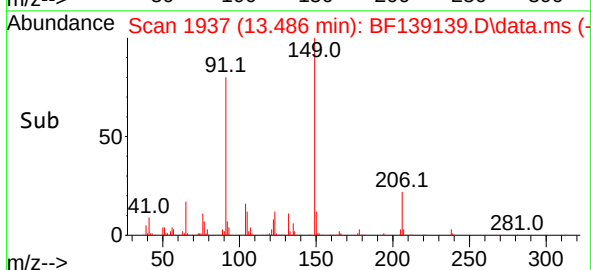
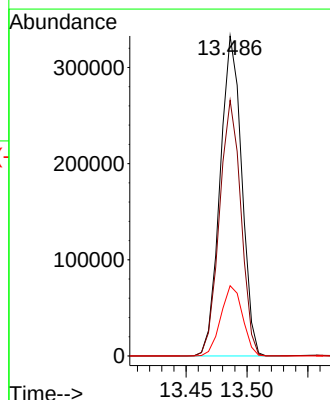
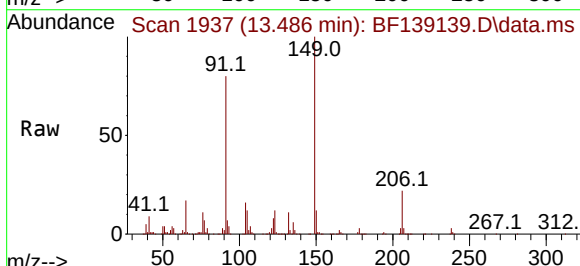
Tgt Ion:149 Resp: 411636

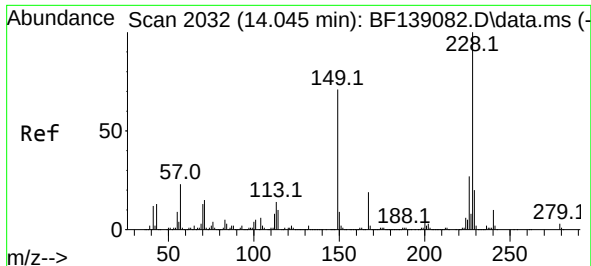
Ion Ratio Lower Upper

149 100

91 79.9 62.1 93.1

206 21.9 18.0 27.0

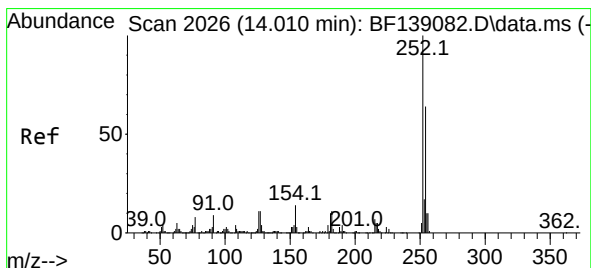
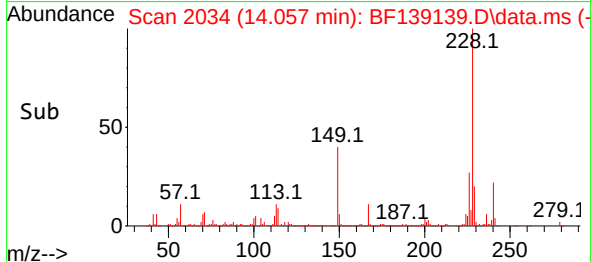
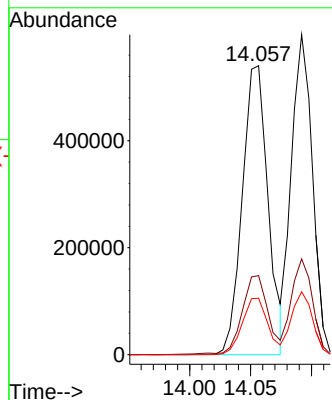
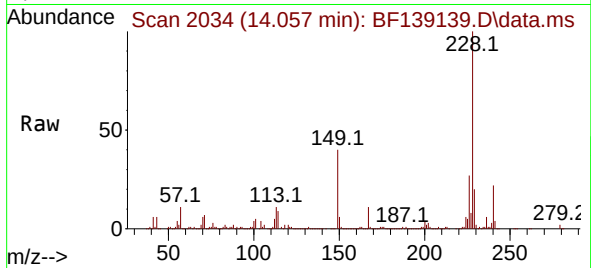




#81
Benzo(a)anthracene
Concen: 45.476 ng
RT: 14.057 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

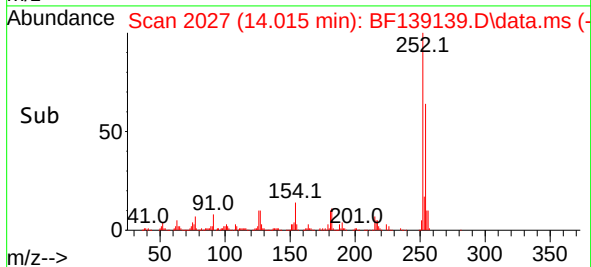
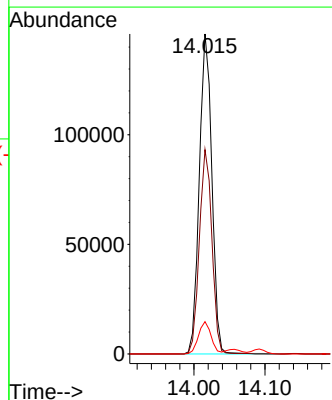
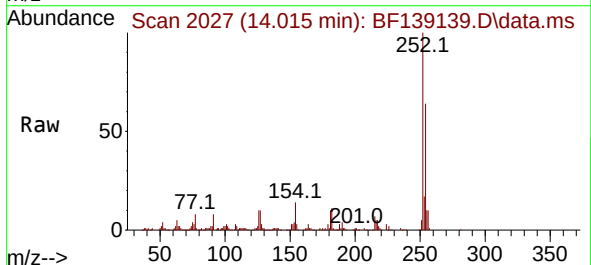
Instrument :
BNA_F
ClientSampleId :
PB162917BS

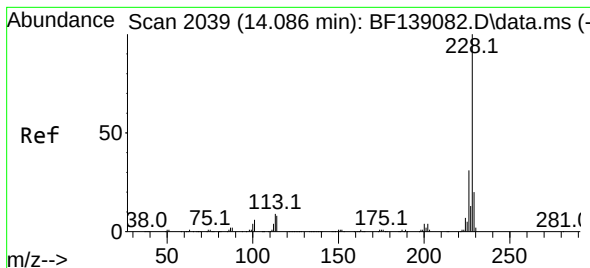
Tgt Ion:228 Resp: 795088
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 36.810 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:252 Resp: 179894
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.0
126 10.1 8.6 12.8





#83

Chrysene

Concen: 45.495 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

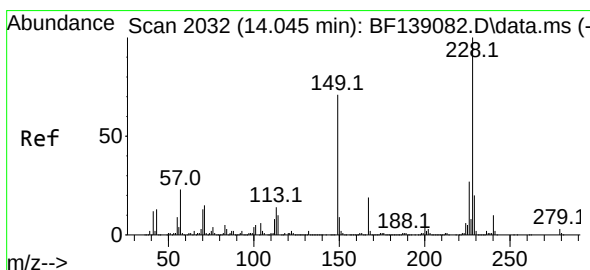
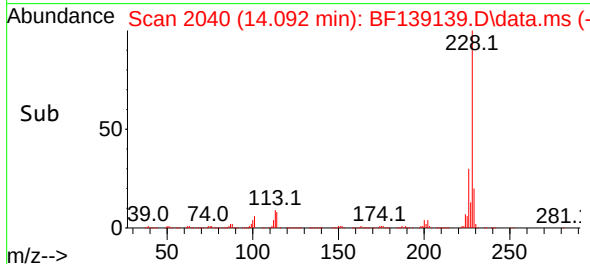
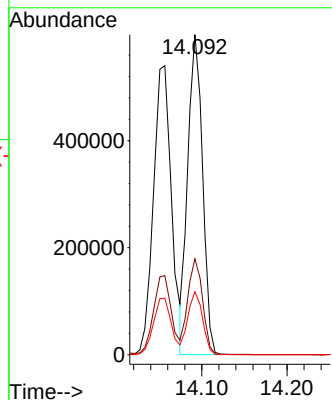
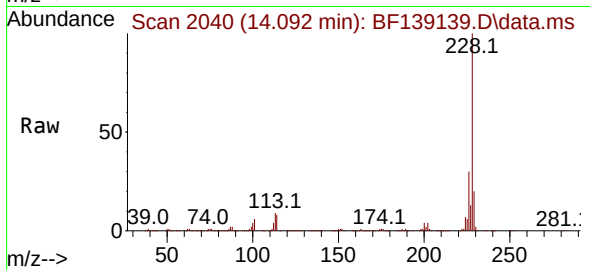
Tgt Ion:228 Resp: 720978

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.102 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

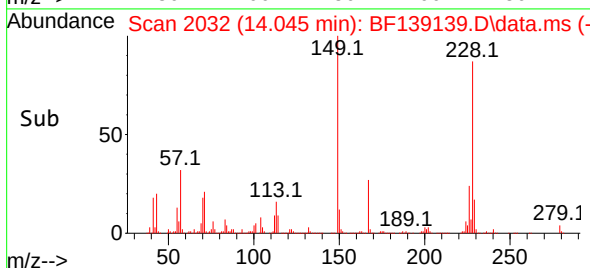
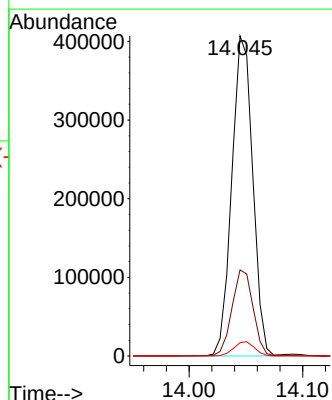
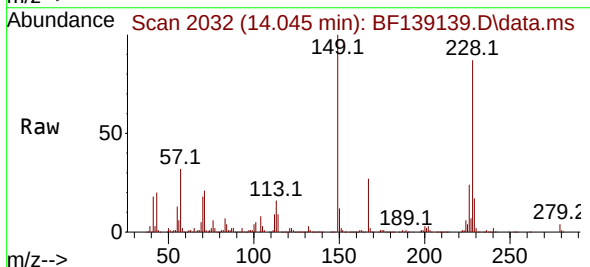
Tgt Ion:149 Resp: 520213

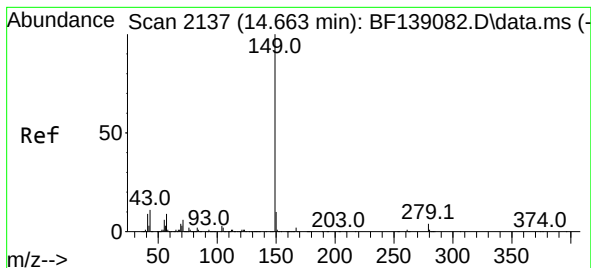
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 49.321 ng

RT: 14.662 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

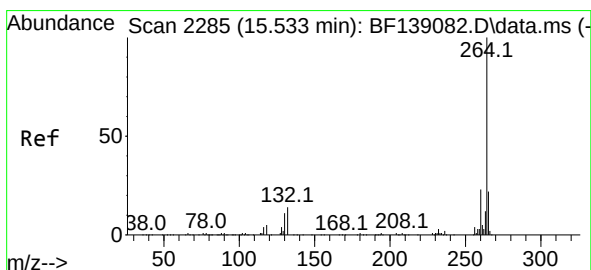
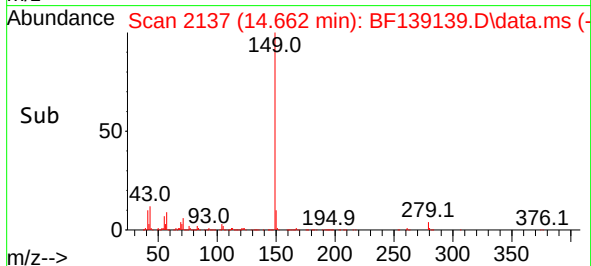
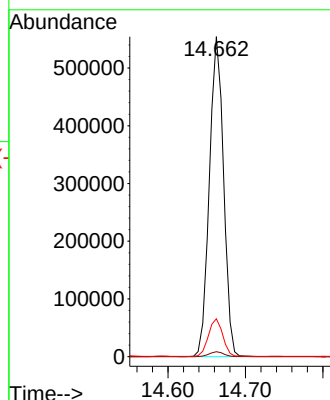
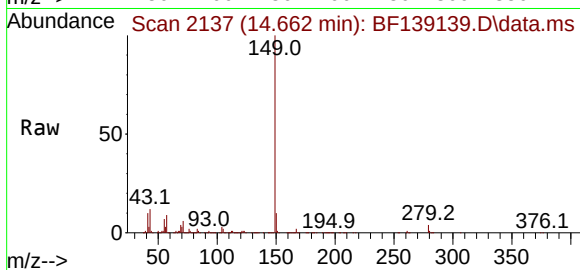
Tgt Ion:149 Resp: 704695

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.9 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

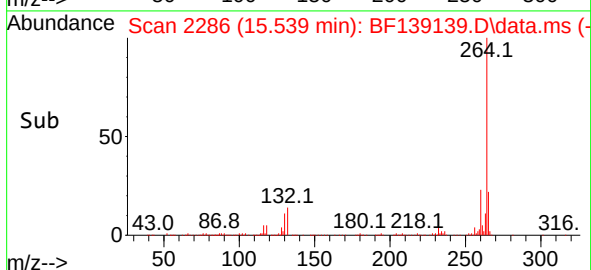
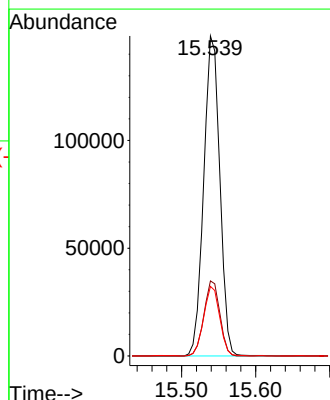
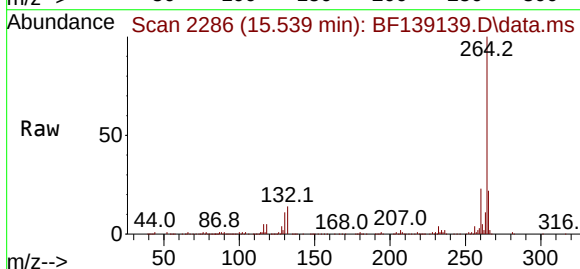
Tgt Ion:264 Resp: 224142

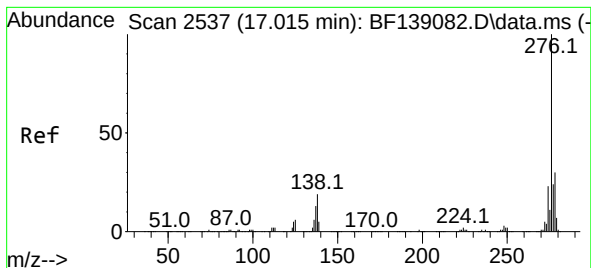
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.462 ng

RT: 17.039 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

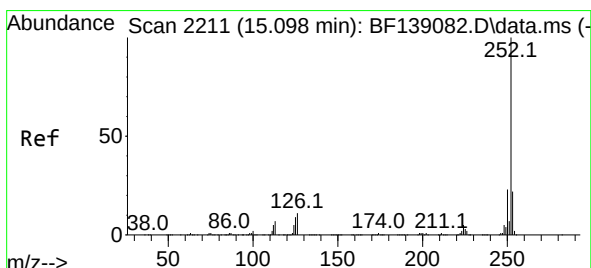
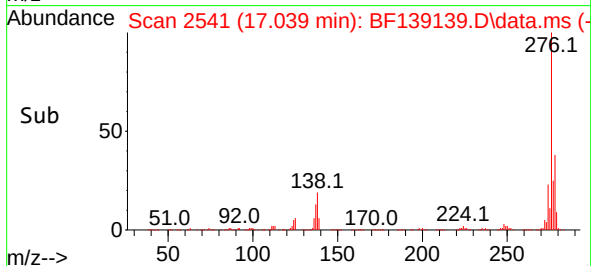
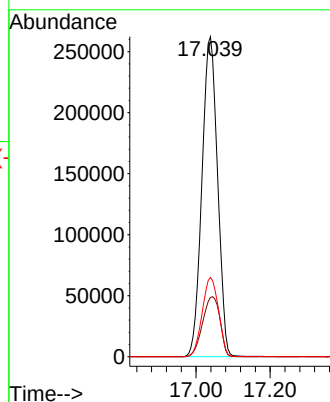
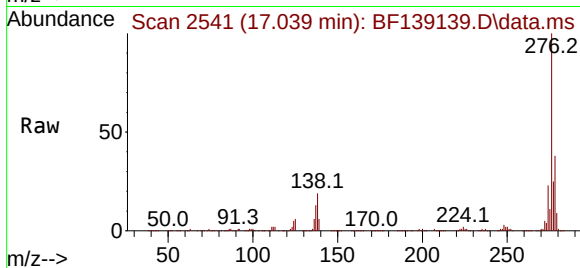
Tgt Ion:276 Resp: 766903

Ion Ratio Lower Upper

276 100

138 20.8 17.3 25.9

277 25.9 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.027 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.011 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

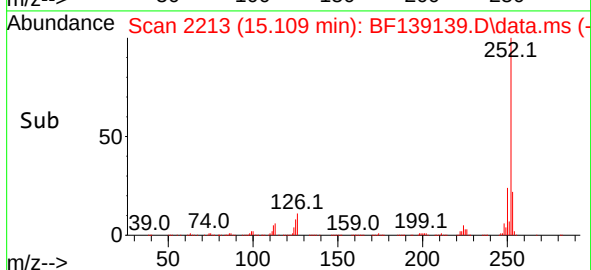
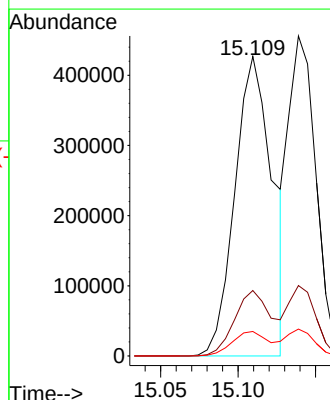
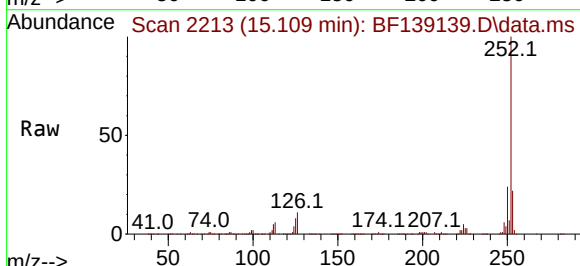
Tgt Ion:252 Resp: 716415

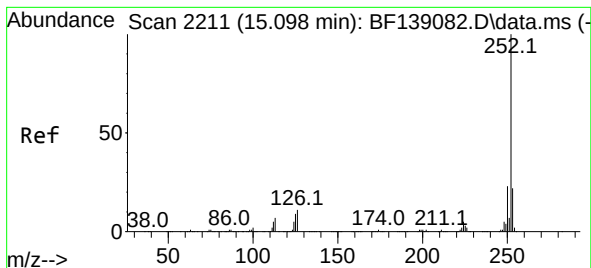
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.1 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 45.962 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

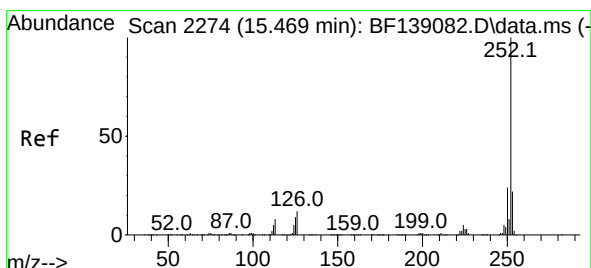
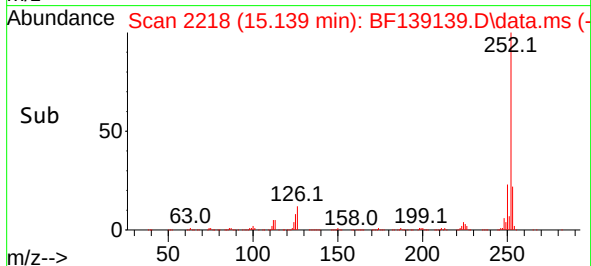
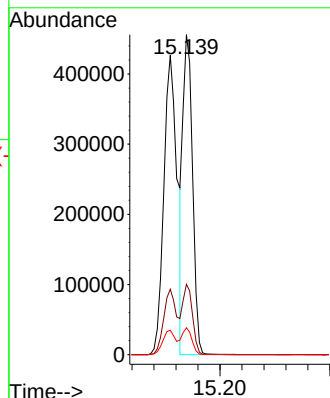
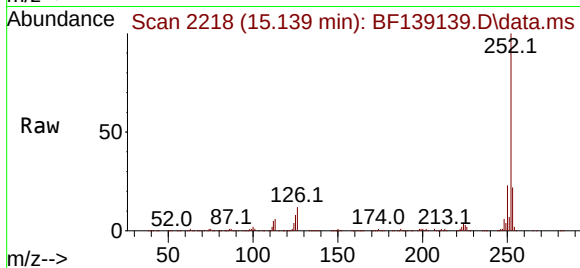
Tgt Ion:252 Resp: 559380

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 8.4 7.0 10.6



#90

Benzo(a)pyrene

Concen: 51.153 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.012 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

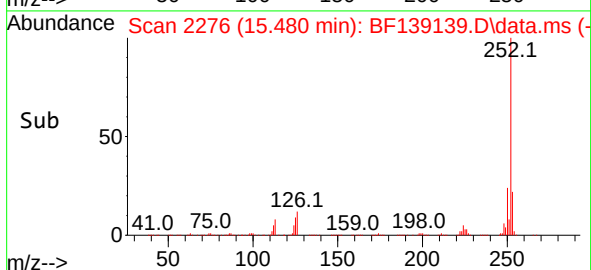
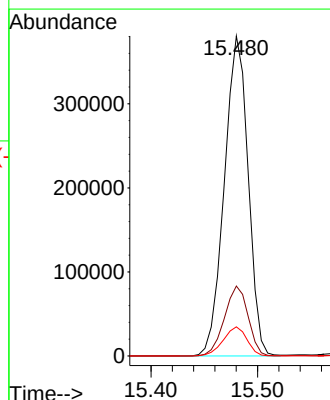
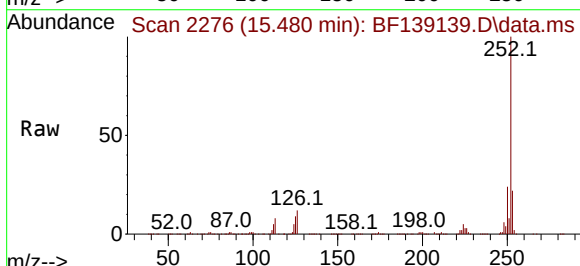
Tgt Ion:252 Resp: 590635

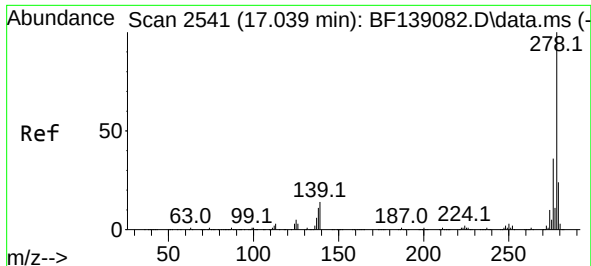
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.1 7.4 11.2

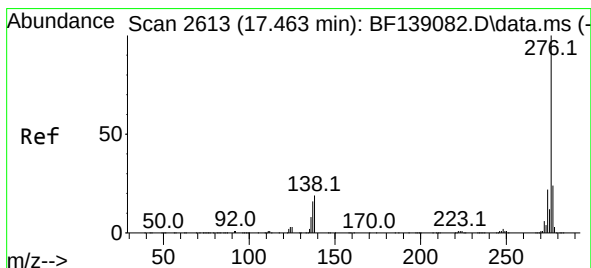
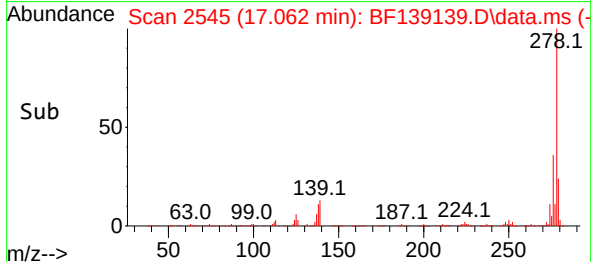
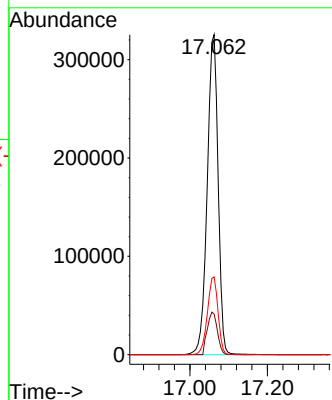
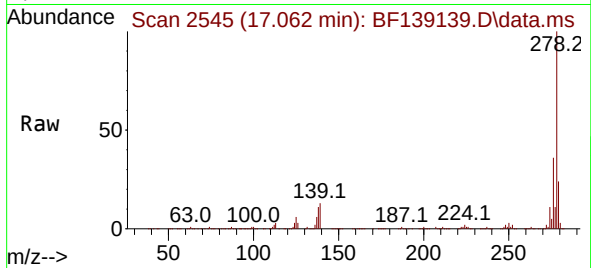




#91
Dibenzo(a,h)anthracene
Concen: 58.986 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :
BNA_F
ClientSampleId :
PB162917BS

Tgt Ion:278 Resp: 635185
Ion Ratio Lower Upper
278 100
139 12.7 10.8 16.2
279 24.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 49.108 ng
RT: 17.492 min Scan# 2618
Delta R.T. 0.029 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:276 Resp: 605010
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 17.6 15.0 22.4

