

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139172.D
 Acq On : 26 Aug 2024 20:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082724

Quant Time: Aug 27 03:03:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	118682	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	427062	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	235078	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	398437	20.000	ng	0.00
76) Chrysene-d12	14.051	240	192006	20.000	ng	0.00
86) Perylene-d12	15.521	264	215962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	610620	86.455	ng	0.00
7) Phenol-d6	6.522	99	808284	83.387	ng	0.00
23) Nitrobenzene-d5	7.457	82	746876	96.888	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	187260	93.010	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1218667	80.528	ng	0.00
79) Terphenyl-d14	12.998	244	1055290	85.758	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	133892	40.086	ng	99
3) Pyridine	3.434	79	339461	40.894	ng	99
4) n-Nitrosodimethylamine	3.398	42	200815	41.554	ng	100
6) Aniline	6.557	93	378220	41.625	ng	97
8) 2-Chlorophenol	6.681	128	303560	45.238	ng	99
9) Benzaldehyde	6.445	77	251664	41.481	ng	100
10) Phenol	6.539	94	431105	44.069	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	311517	40.416	ng	99
12) 1,3-Dichlorobenzene	6.834	146	359157	40.588	ng	99
13) 1,4-Dichlorobenzene	6.910	146	357861	40.309	ng	99
14) 1,2-Dichlorobenzene	7.069	146	337585	40.415	ng	98
15) Benzyl Alcohol	7.034	79	321090	43.947	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	447833	40.080	ng	100
17) 2-Methylphenol	7.145	107	256604	41.948	ng	98
18) Hexachloroethane	7.410	117	124086	44.177	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	245678	42.376	ng	99
20) 3+4-Methylphenols	7.298	107	332614	42.626	ng	94
22) Acetophenone	7.304	105	445244	40.576	ng	98
24) Nitrobenzene	7.481	77	390850	43.821	ng	97
25) Isophorone	7.716	82	627357	41.154	ng	100
26) 2-Nitrophenol	7.792	139	136464	49.898	ng	99
27) 2,4-Dimethylphenol	7.828	122	200587	44.394	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	362322	41.052	ng	99
29) 2,4-Dichlorophenol	8.028	162	260084	46.635	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	292450	40.664	ng	99
31) Naphthalene	8.198	128	897521	41.101	ng	100
32) Benzoic acid	7.945	122	182887	47.461	ng	99
33) 4-Chloroaniline	8.251	127	310126	41.212	ng	98
34) Hexachlorobutadiene	8.316	225	191682	41.015	ng	99
35) Caprolactam	8.622	113	77214	45.132	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	282650	44.191	ng	98
37) 2-Methylnaphthalene	8.886	142	559867	40.898	ng	100
38) 1-Methylnaphthalene	8.986	142	544537	40.698	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	287115	41.177	ng	99
41) Hexachlorocyclopentadiene	9.039	237	101483	45.326	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	188250	48.285	ng	99

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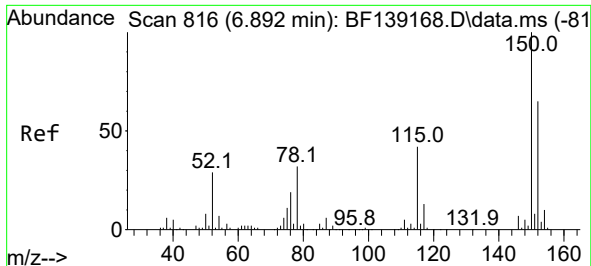
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	194513	47.597	ng	99
46) 1,1'-Biphenyl	9.351	154	697152	40.971	ng	99
47) 2-Chloronaphthalene	9.375	162	551488	40.626	ng	98
48) 2-Nitroaniline	9.469	65	184410	46.371	ng	100
49) Acenaphthylene	9.792	152	791292	41.369	ng	99
50) Dimethylphthalate	9.651	163	591732	43.575	ng	99
51) 2,6-Dinitrotoluene	9.710	165	135843	46.874	ng	96
52) Acenaphthene	9.963	154	521588	41.510	ng	100
53) 3-Nitroaniline	9.880	138	135966	46.069	ng	98
54) 2,4-Dinitrophenol	9.980	184	54329	50.565	ng	95
55) Dibenzofuran	10.133	168	751961	41.005	ng	100
56) 4-Nitrophenol	10.027	139	108002	45.899	ng	99
57) 2,4-Dinitrotoluene	10.110	165	170782	46.536	ng	98
58) Fluorene	10.474	166	588130	40.651	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	156327	47.728	ng	98
60) Diethylphthalate	10.351	149	557329	43.583	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	288977	40.700	ng	99
62) 4-Nitroaniline	10.492	138	133352	44.761	ng	99
63) Azobenzene	10.627	77	635402	40.874	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	78997	50.838	ng	98
66) n-Nitrosodiphenylamine	10.586	169	486387	41.219	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	176823	41.768	ng	99
68) Hexachlorobenzene	11.022	284	190042	41.480	ng	99
69) Atrazine	11.110	200	111775	43.428	ng	99
70) Pentachlorophenol	11.210	266	128592	47.806	ng	99
71) Phenanthrene	11.439	178	826265	41.038	ng	100
72) Anthracene	11.492	178	808618	41.200	ng	100
73) Carbazole	11.645	167	722004	41.123	ng	100
74) Di-n-butylphthalate	11.974	149	714133	46.930	ng	100
75) Fluoranthene	12.621	202	786568	40.255	ng	99
77) Benzidine	12.745	184	158746	48.996	ng	99
78) Pyrene	12.851	202	784703	43.508	ng	99
80) Butylbenzylphthalate	13.474	149	164083	44.630	ng	99
81) Benzo(a)anthracene	14.039	228	529216	41.599	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	140438	47.413	ng	98
83) Chrysene	14.074	228	487805	42.507	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	170903	44.138	ng	99
85) Di-n-octyl phthalate	14.645	149	349841	42.425	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	619553	41.956	ng	99
88) Benzo(b)fluoranthene	15.092	252	509901	40.362	ng	99
89) Benzo(k)fluoranthene	15.121	252	475115	41.598	ng	99
90) Benzo(a)pyrene	15.457	252	453055	42.250	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	512546	42.348	ng	98
92) Benzo(g,h,i)perylene	17.456	276	524768	41.918	ng	99

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

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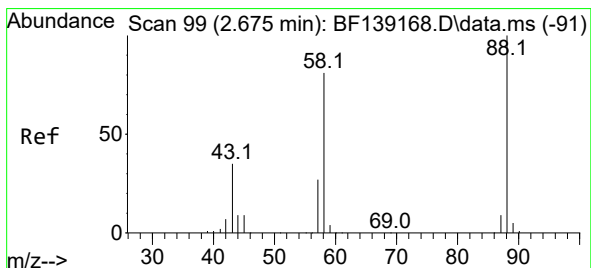
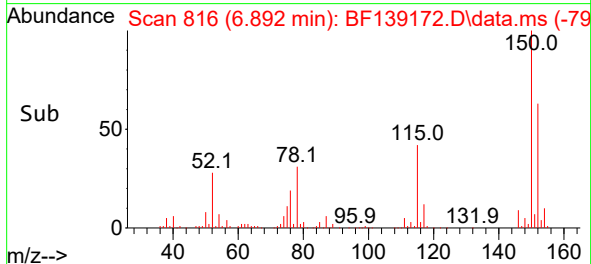
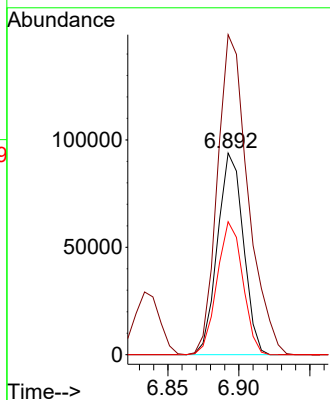
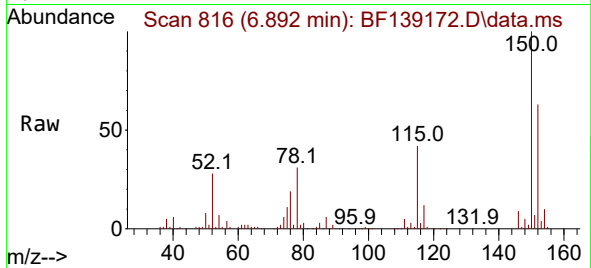




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139172.D
 Acq: 26 Aug 2024 20:09

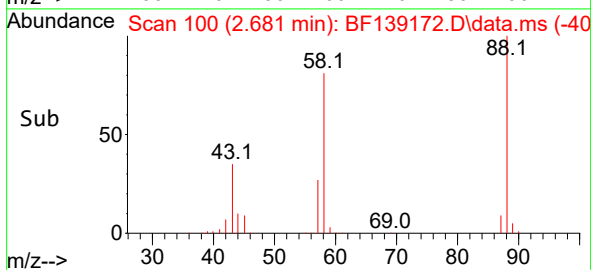
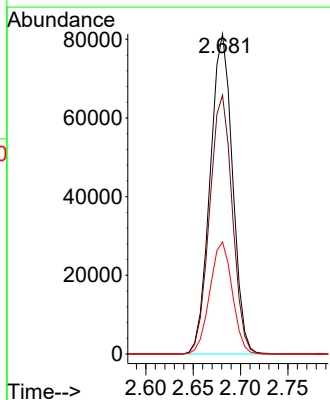
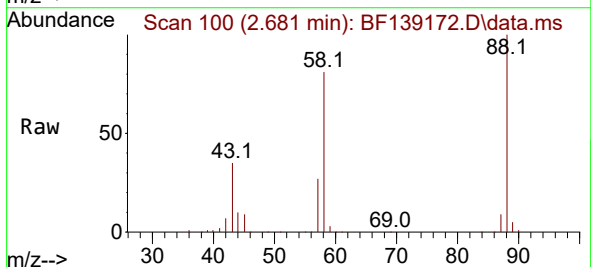
Instrument :
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 ICVBF082724

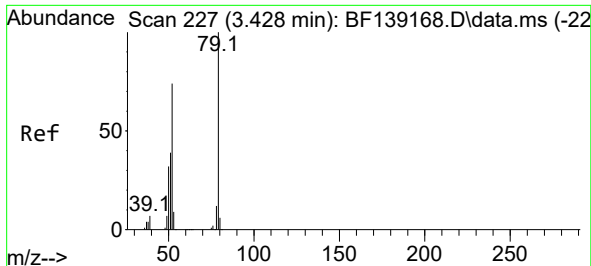
Tgt Ion:152 Resp: 118682
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.7 185.5
 115 65.9 51.8 77.8



#2
 1,4-Dioxane
 Concen: 40.086 ng
 RT: 2.681 min Scan# 100
 Delta R.T. 0.006 min
 Lab File: BF139172.D
 Acq: 26 Aug 2024 20:09

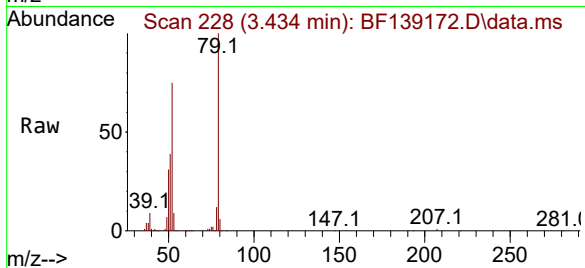
Tgt Ion: 88 Resp: 133892
 Ion Ratio Lower Upper
 88 100
 58 81.8 65.0 97.6
 43 35.0 28.4 42.6



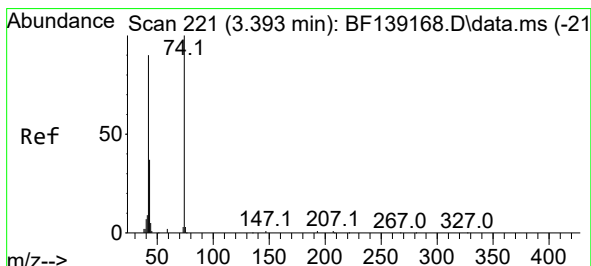
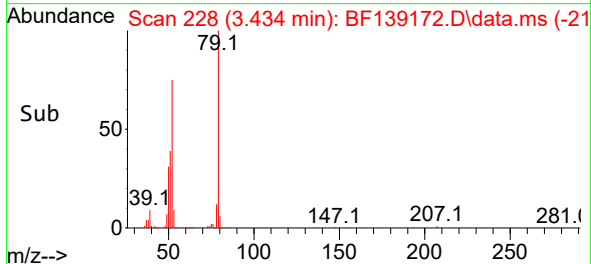
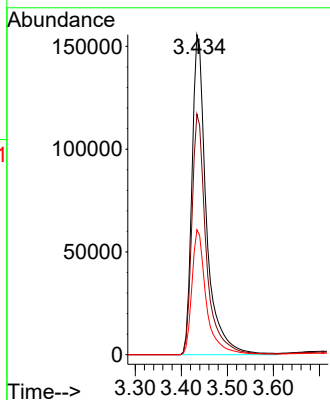


#3
Pyridine
Concen: 40.894 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Instrument :
BNA_F
ClientSampleId :
ICVBF082724

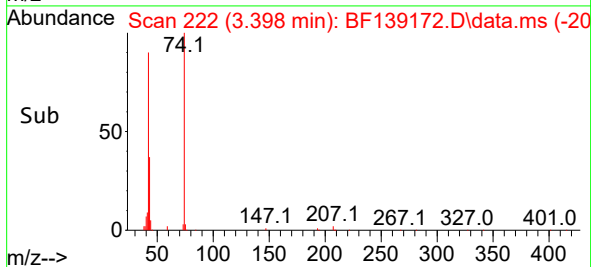
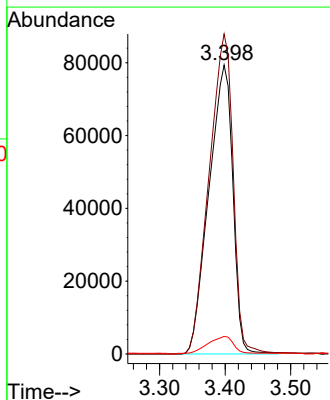
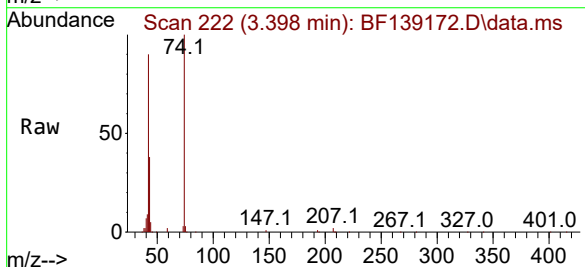


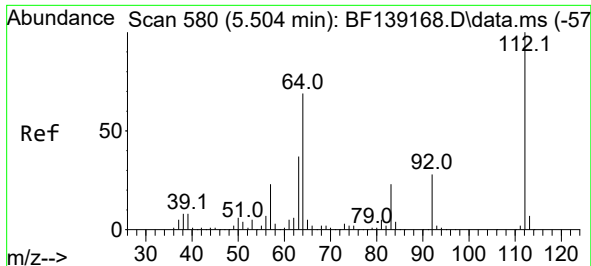
Tgt Ion: 79 Resp: 339461
Ion Ratio Lower Upper
79 100
52 75.2 59.5 89.3
51 39.1 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 41.554 ng
RT: 3.398 min Scan# 222
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion: 42 Resp: 200815
Ion Ratio Lower Upper
42 100
74 110.7 88.6 132.8
44 6.1 5.0 7.4

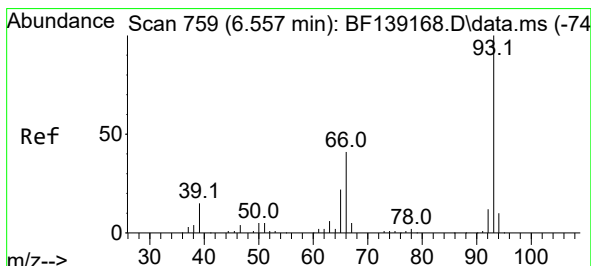
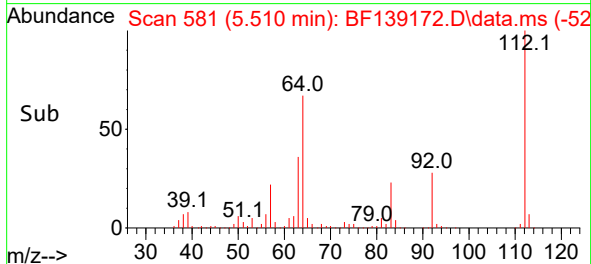
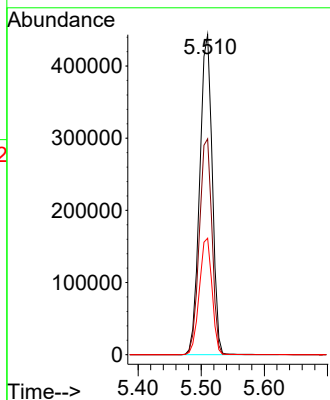
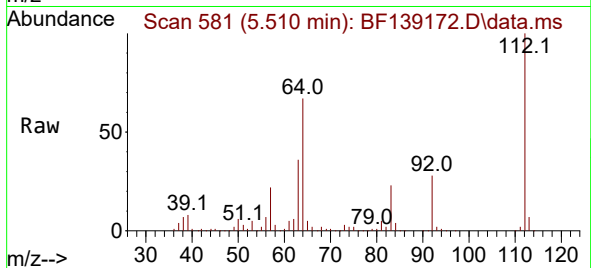




#5
2-Fluorophenol
Concen: 86.455 ng
RT: 5.510 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

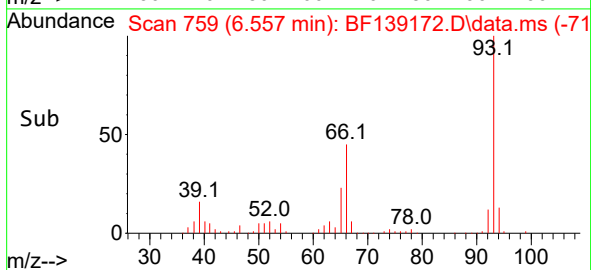
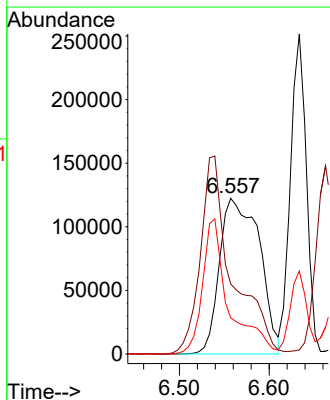
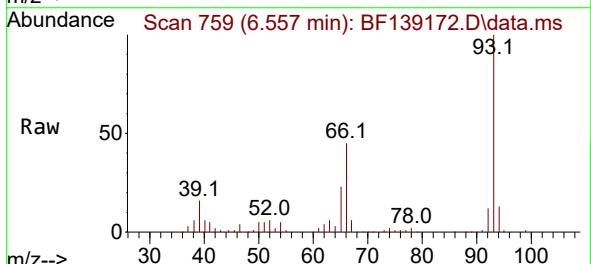
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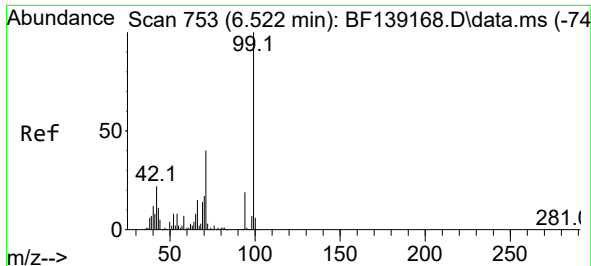
Tgt Ion:112 Resp: 610620
Ion Ratio Lower Upper
112 100
64 67.5 55.5 83.3
63 36.4 29.8 44.6



#6
Aniline
Concen: 41.625 ng
RT: 6.557 min Scan# 759
Delta R.T. -0.030 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion: 93 Resp: 378220
Ion Ratio Lower Upper
93 100
66 45.1 35.0 52.4
65 23.2 17.2 25.8

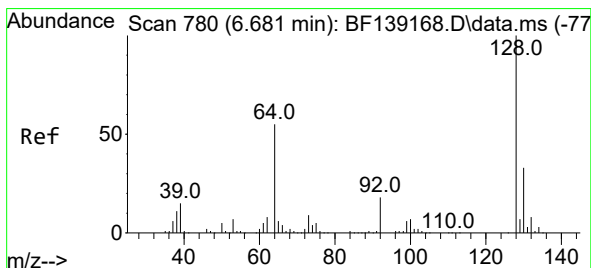
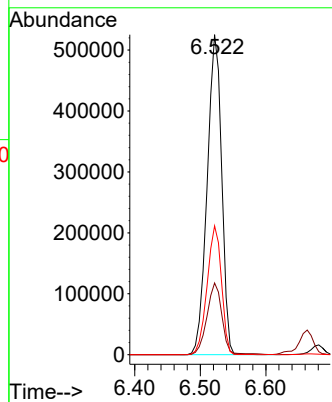
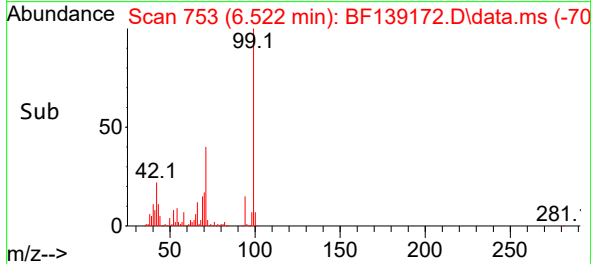
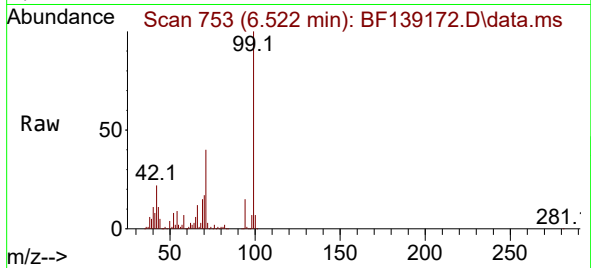




#7
Phenol-d6
Concen: 83.387 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

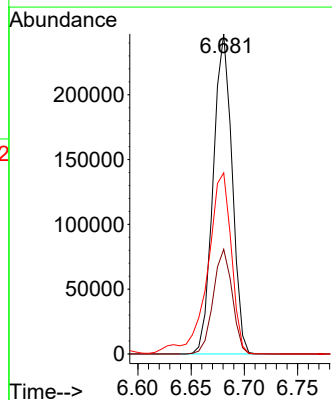
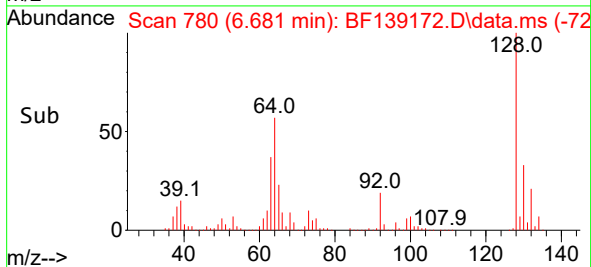
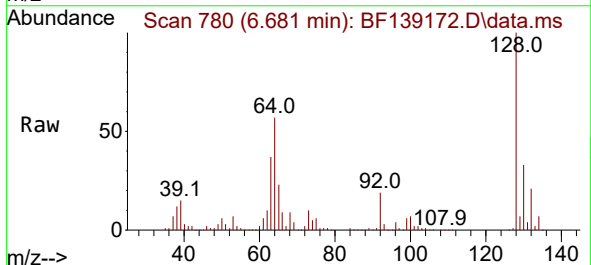
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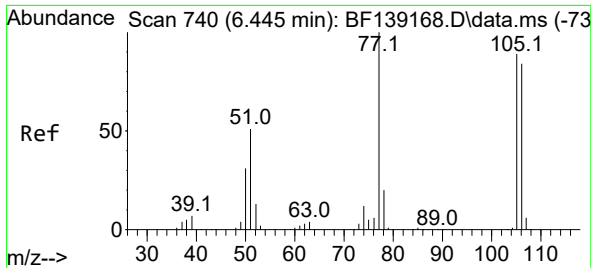
Tgt Ion: 99 Resp: 808284
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 40.2 31.7 47.5



#8
2-Chlorophenol
Concen: 45.238 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion: 128 Resp: 303560
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 56.6 37.3 77.3

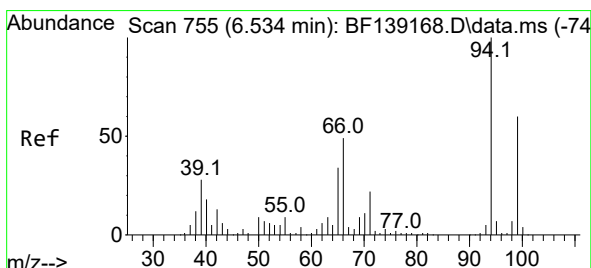
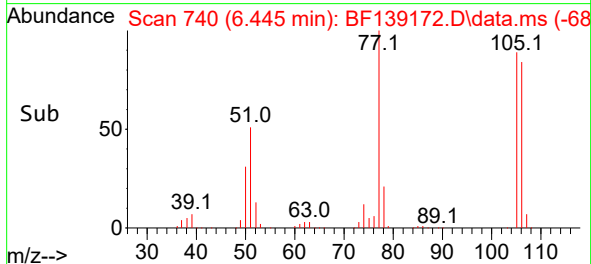
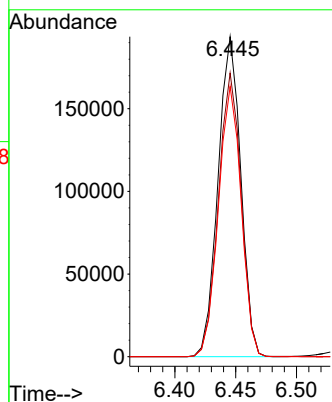
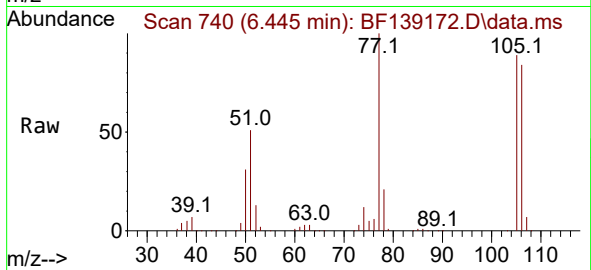




#9
Benzaldehyde
Concen: 41.481 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

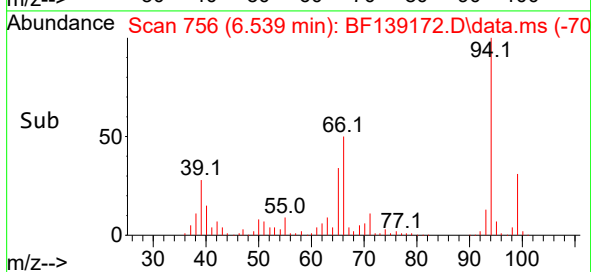
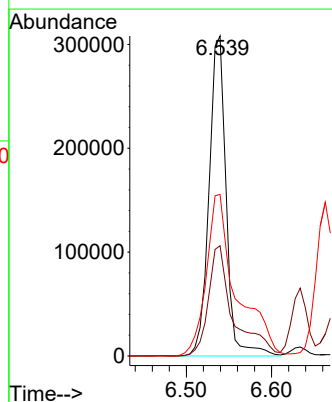
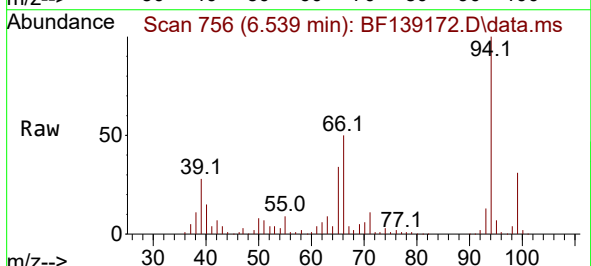
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ClientSampleId :
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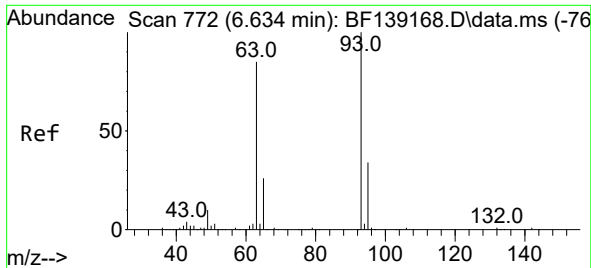
Tgt Ion: 77 Resp: 251664
Ion Ratio Lower Upper
77 100
105 88.6 68.7 108.7
106 84.5 64.2 104.2



#10
Phenol
Concen: 44.069 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion: 94 Resp: 431105
Ion Ratio Lower Upper
94 100
65 34.5 14.1 54.1
66 50.5 29.8 69.8

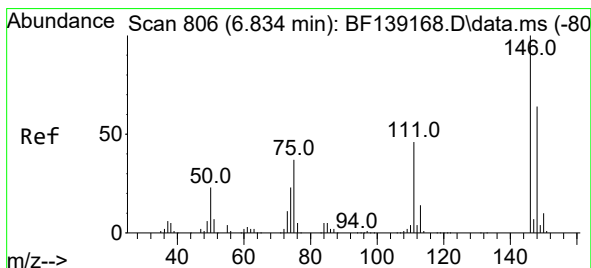
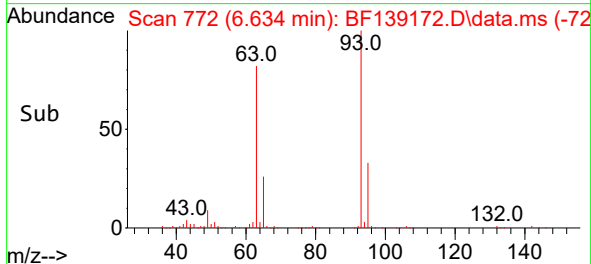
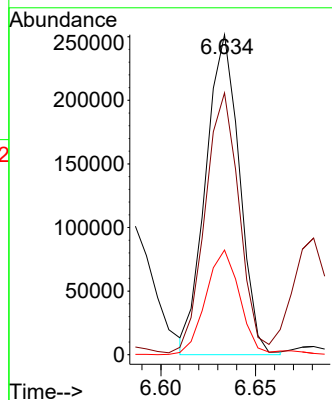
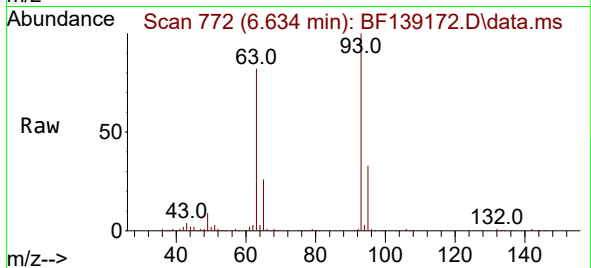




#11
bis(2-Chloroethyl)ether
Concen: 40.416 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

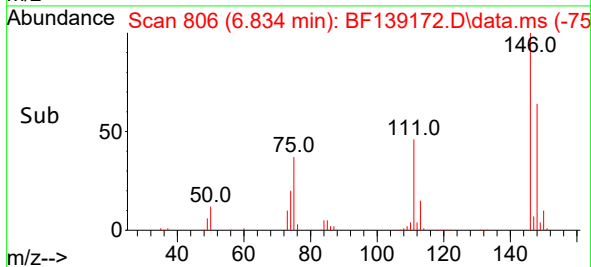
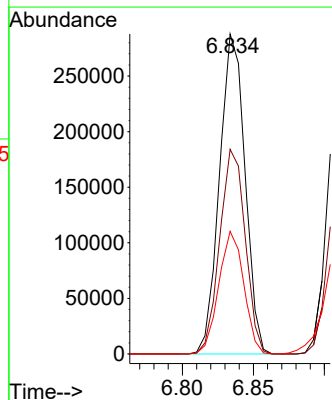
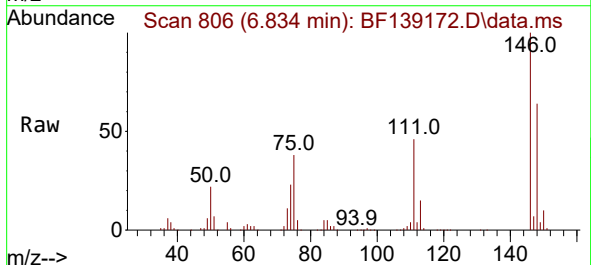
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

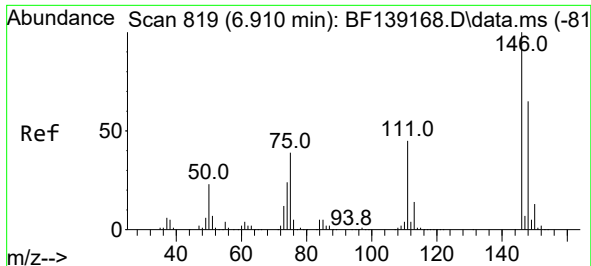
Tgt Ion: 93 Resp: 311517
Ion Ratio Lower Upper
93 100
63 81.8 62.4 102.4
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.588 ng
RT: 6.834 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:146 Resp: 359157
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 38.3 29.9 44.9

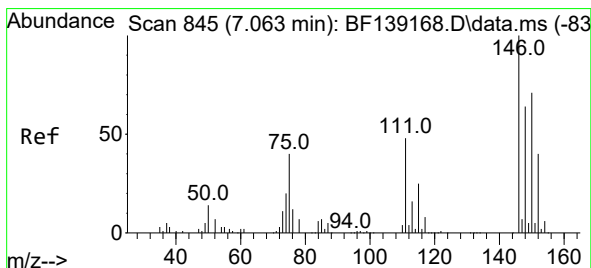
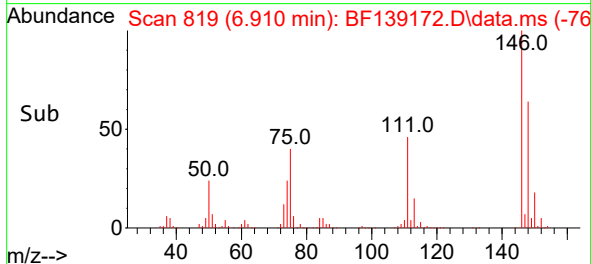
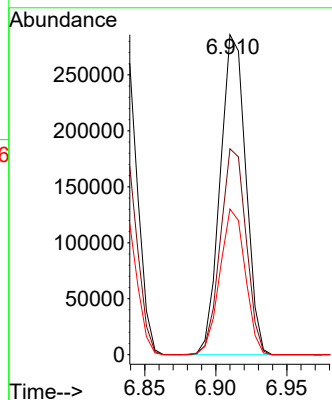
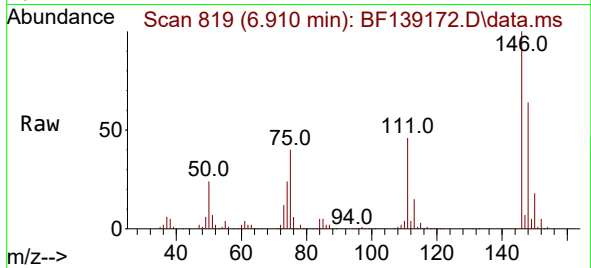




#13
1,4-Dichlorobenzene
Concen: 40.309 ng
RT: 6.910 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

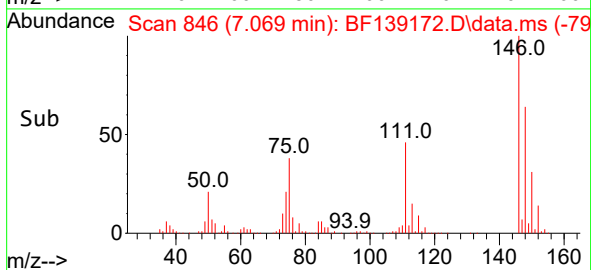
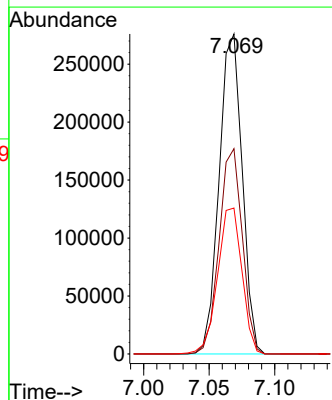
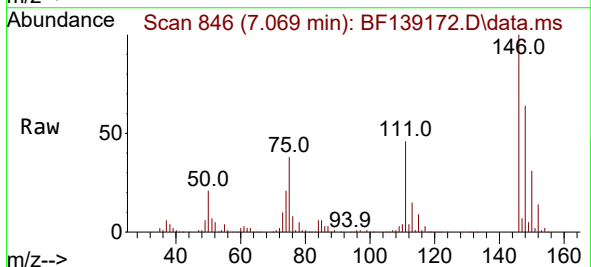
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

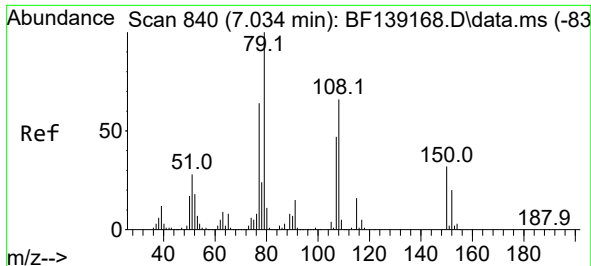
Tgt Ion:146 Resp: 357861
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 45.5 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 40.415 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:146 Resp: 337585
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 45.6 38.6 58.0

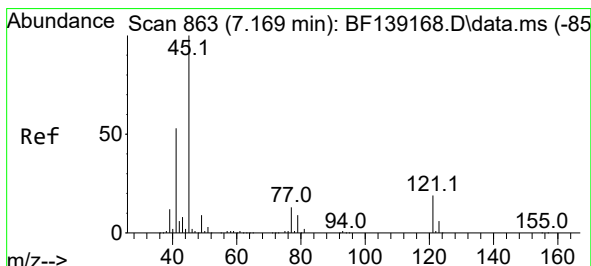
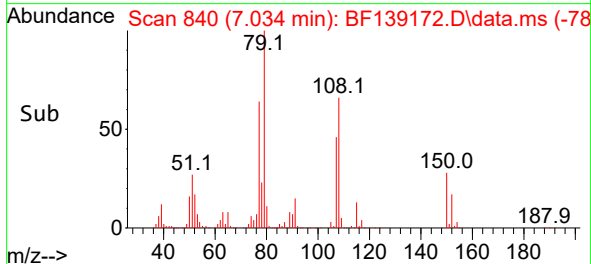
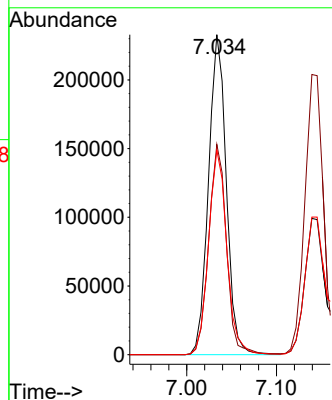
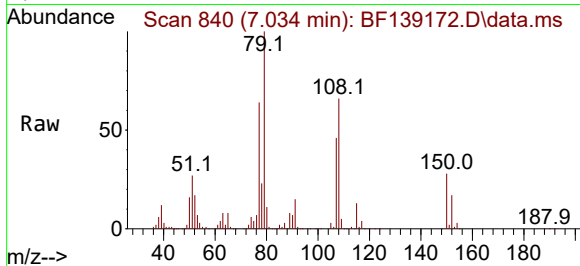




#15
Benzyl Alcohol
Concen: 43.947 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

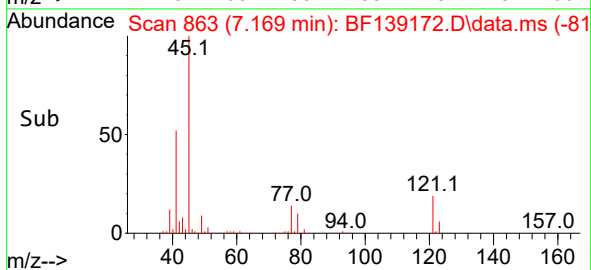
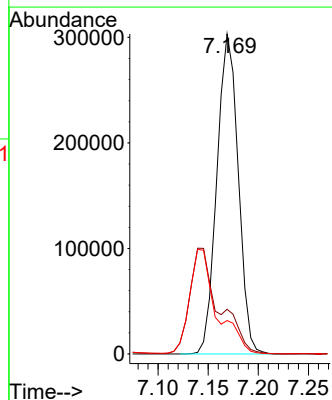
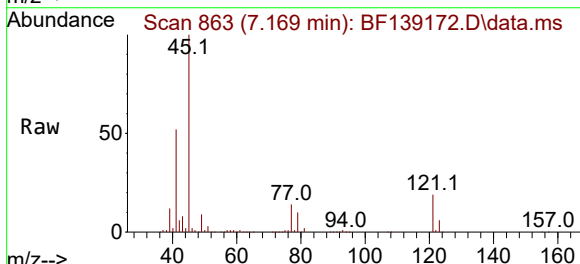
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

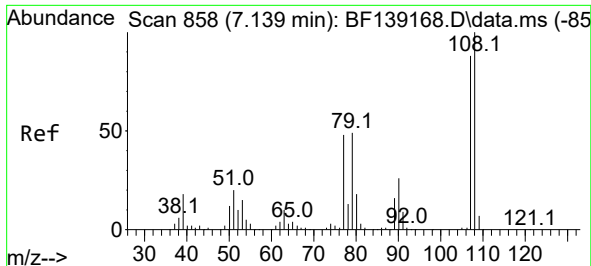
Tgt Ion: 79 Resp: 321090
Ion Ratio Lower Upper
79 100
108 65.7 52.7 79.1
77 63.9 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.080 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion: 45 Resp: 447833
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.9
79 10.5 0.0 30.5

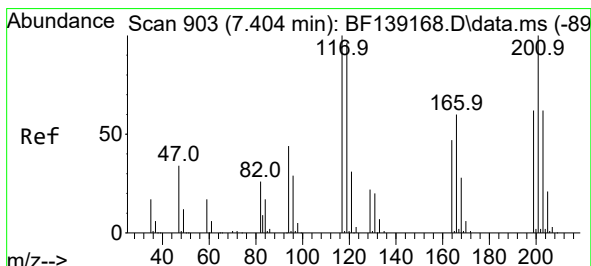
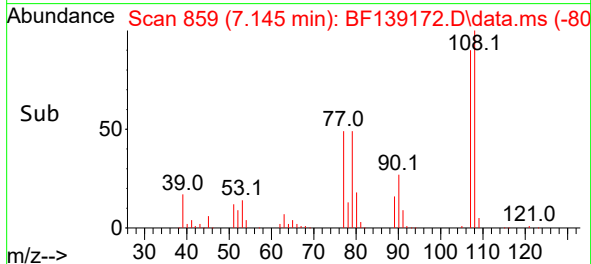
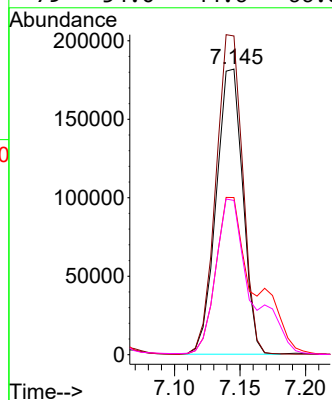
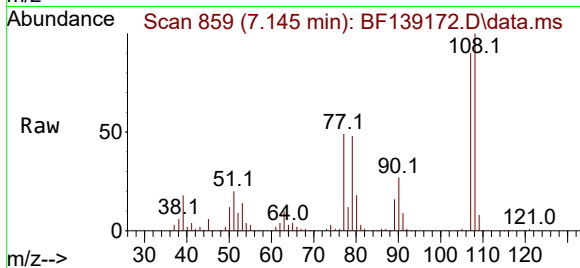




#17
2-Methylphenol
Concen: 41.948 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

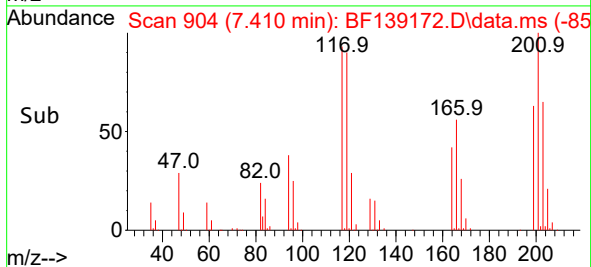
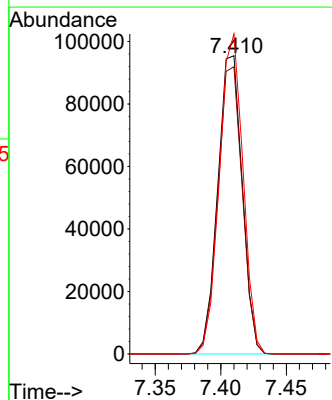
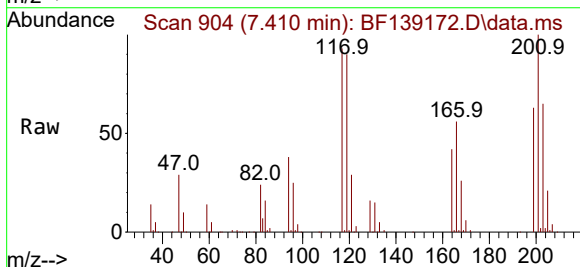
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

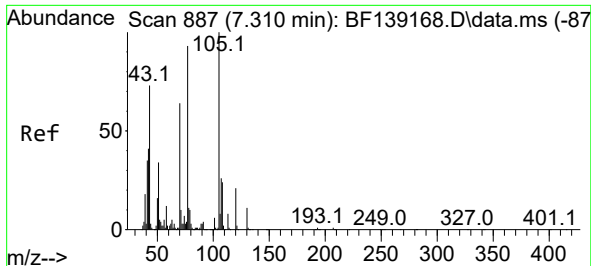
Tgt Ion:	107	Resp:	256604
Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.4	137.0
77	55.0	44.3	66.5
79	54.0	44.6	66.8



#18
Hexachloroethane
Concen: 44.177 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:	117	Resp:	124086
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.1	115.7
201	107.3	79.7	119.5



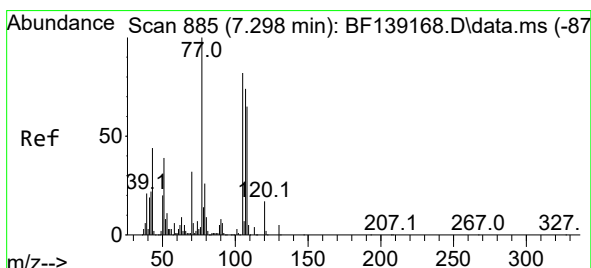
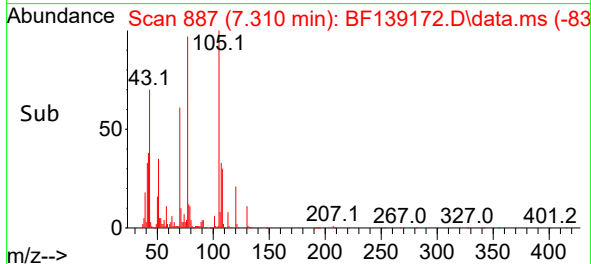
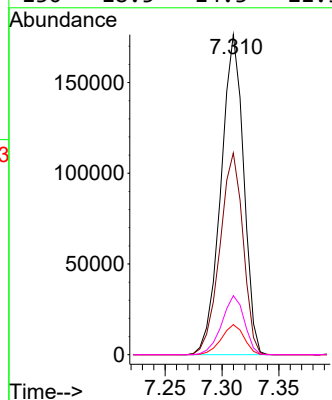
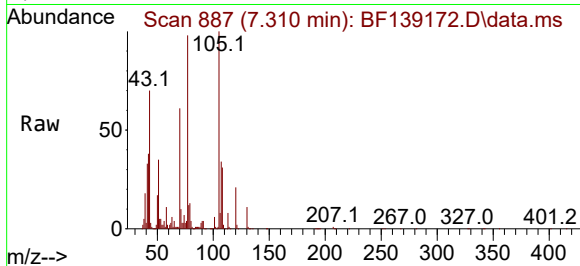


#19
n-Nitroso-di-n-propylamine
Concen: 42.376 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Instrument :
BNA_F
ClientSampleId :
ICVBF082724

Tgt Ion: 70 Resp: 245678

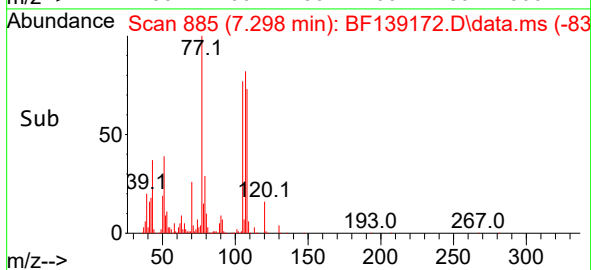
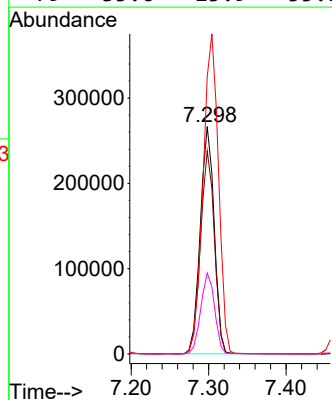
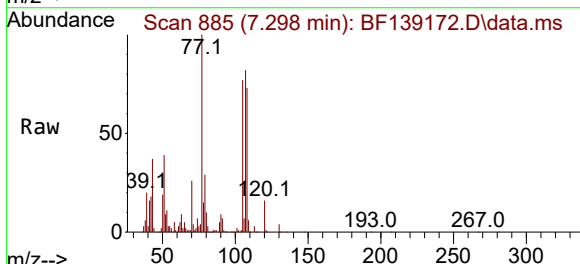
Ion	Ratio	Lower	Upper
70	100		
42	63.1	50.8	76.2
101	9.4	7.4	11.0
130	18.5	14.3	21.5

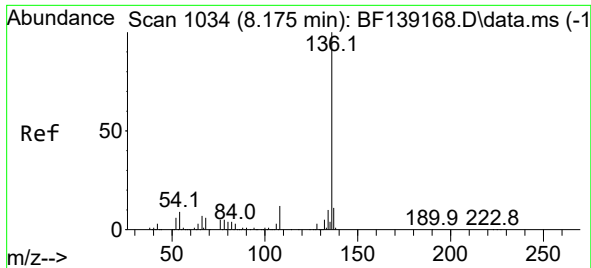


#20
3+4-Methylphenols
Concen: 42.626 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion: 107 Resp: 332614

Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.5	108.5
77	122.0	115.7	155.7
79	35.6	15.9	55.9

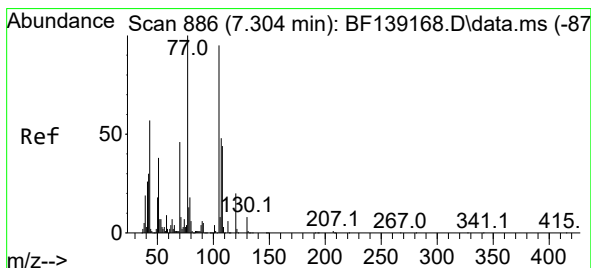
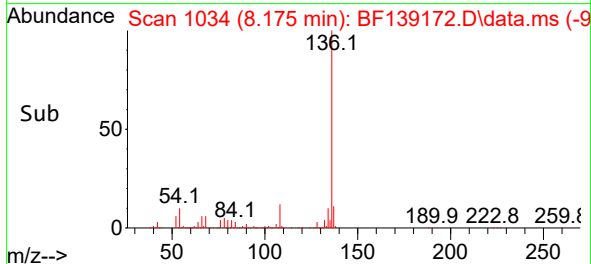
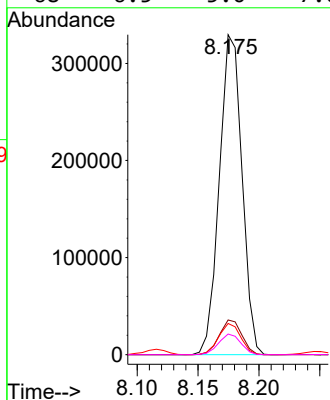
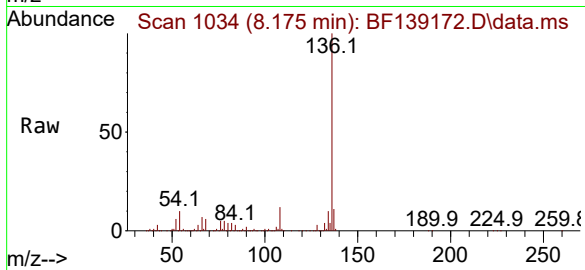




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

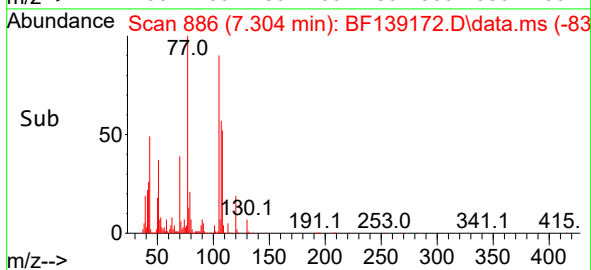
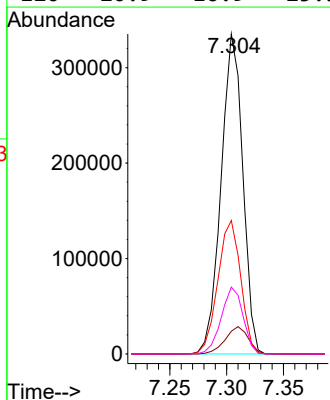
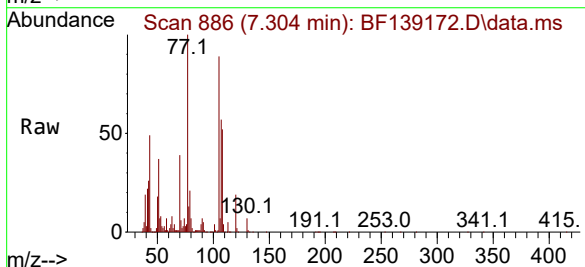
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

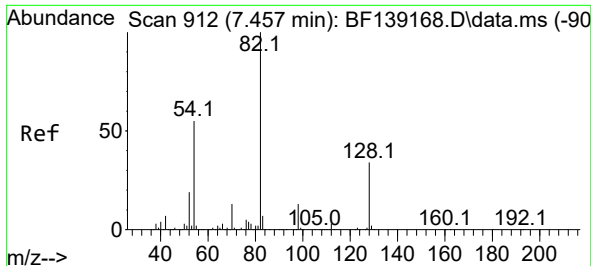
Tgt Ion:	136	Resp:	427062
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.8	7.6	11.4
68	6.5	5.0	7.6



#22
Acetophenone
Concen: 40.576 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:	105	Resp:	445244
Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.5	9.7
51	41.7	31.8	47.6
120	20.9	16.9	25.3

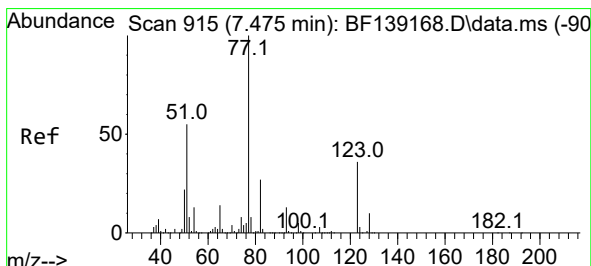
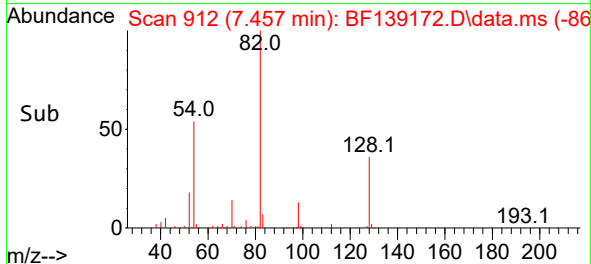
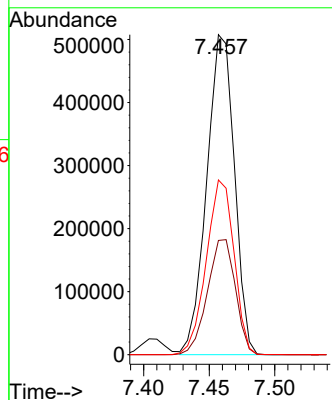
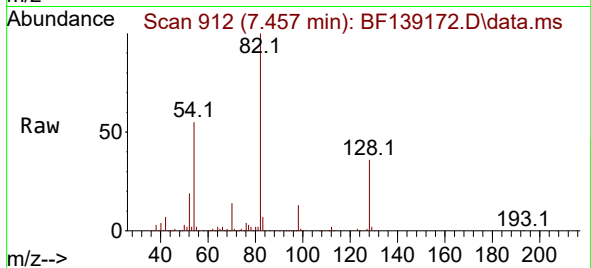




#23
Nitrobenzene-d5
Concen: 96.888 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

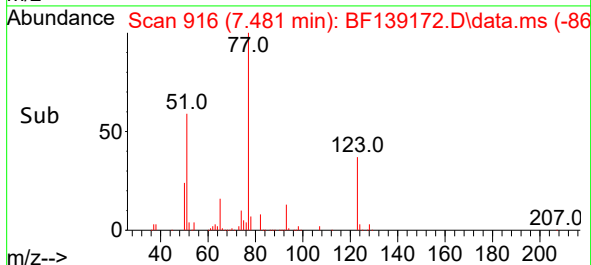
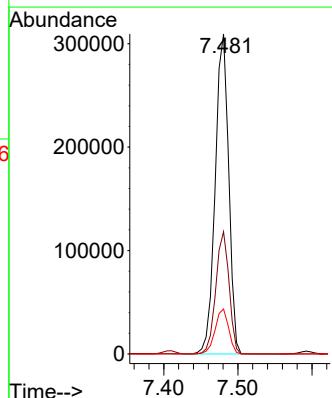
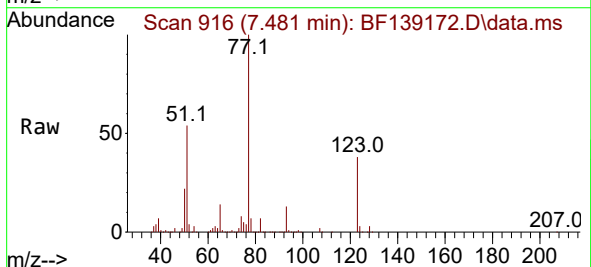
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

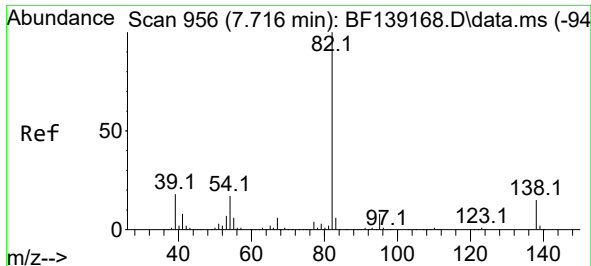
Tgt Ion: 82 Resp: 746876
Ion Ratio Lower Upper
82 100
128 35.7 27.1 40.7
54 54.6 44.2 66.4



#24
Nitrobenzene
Concen: 43.821 ng
RT: 7.481 min Scan# 916
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion: 77 Resp: 390850
Ion Ratio Lower Upper
77 100
123 38.2 28.7 43.1
65 14.0 10.9 16.3

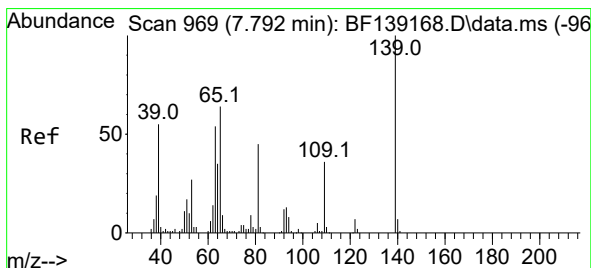
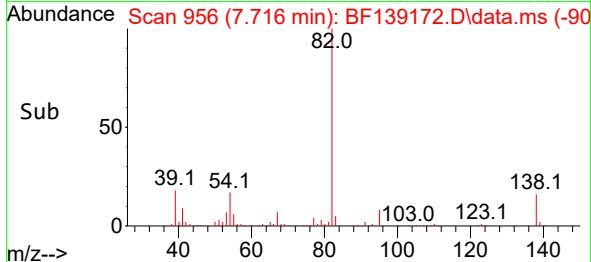
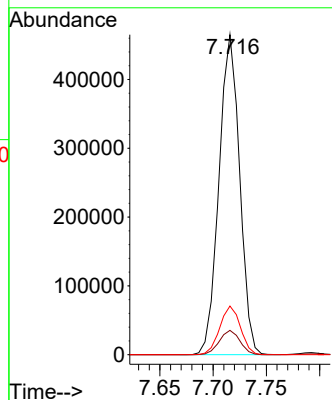
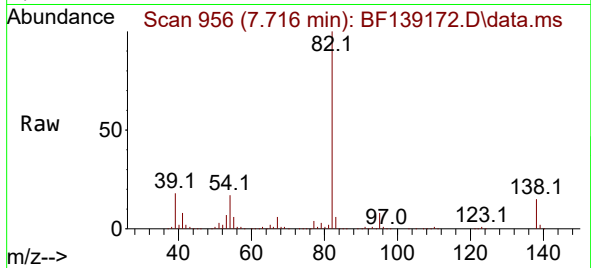




#25
Isophorone
Concen: 41.154 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

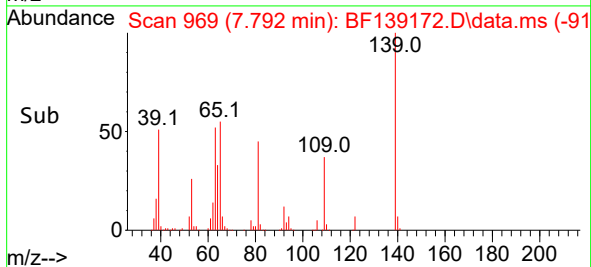
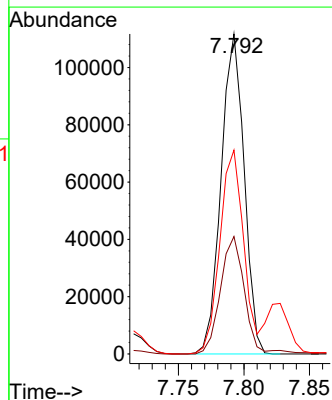
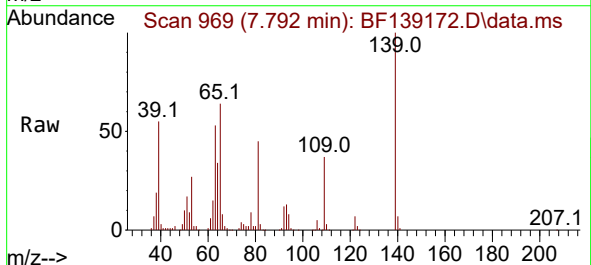
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

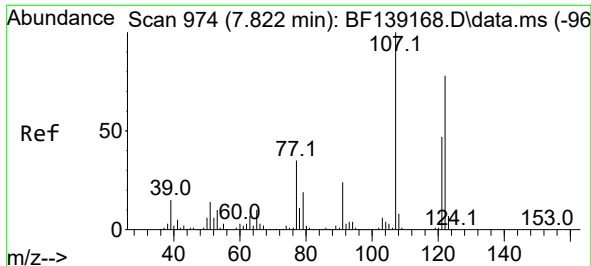
Tgt Ion: 82 Resp: 627357
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 15.2 12.2 18.4



#26
2-Nitrophenol
Concen: 49.898 ng
RT: 7.792 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:139 Resp: 136464
Ion Ratio Lower Upper
139 100
109 36.7 28.9 43.3
65 63.7 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 44.394 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724

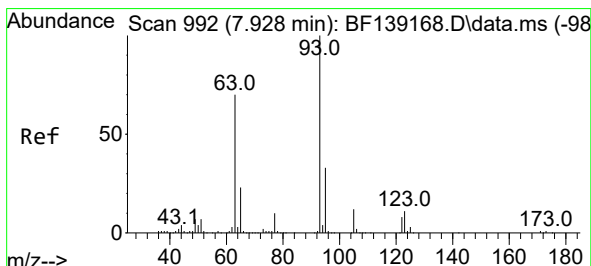
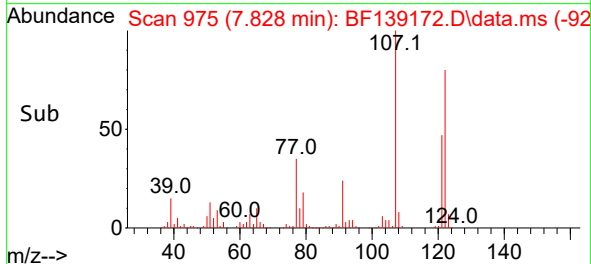
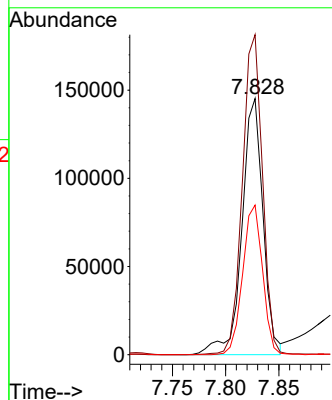
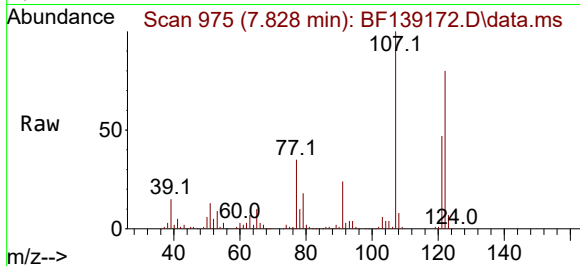
Tgt Ion:122 Resp: 200587

Ion Ratio Lower Upper

122 100

107 124.9 102.1 153.1

121 58.4 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.052 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

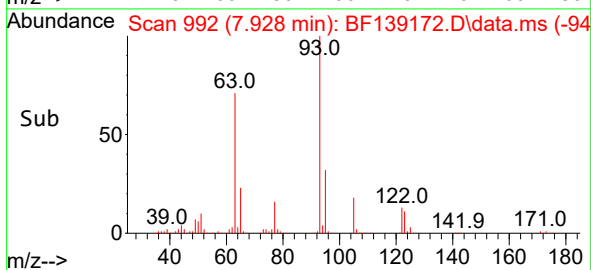
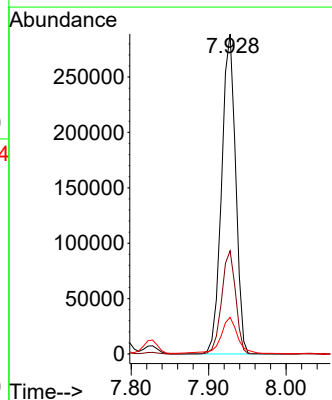
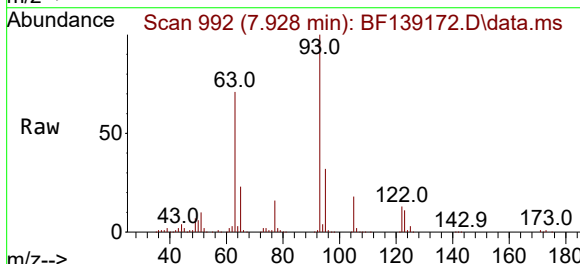
Tgt Ion: 93 Resp: 362322

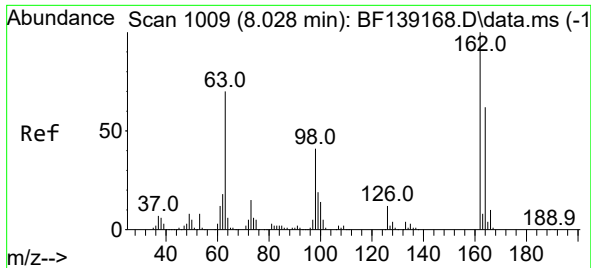
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.635 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724

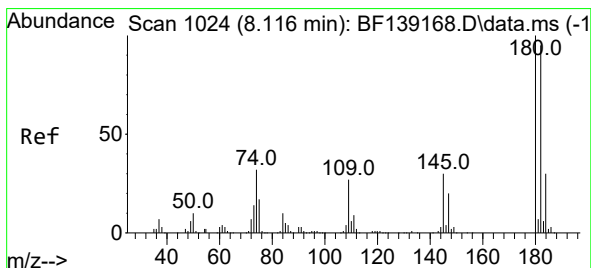
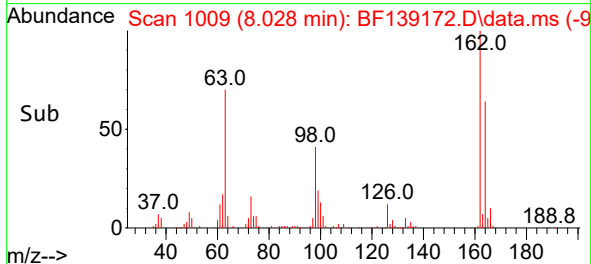
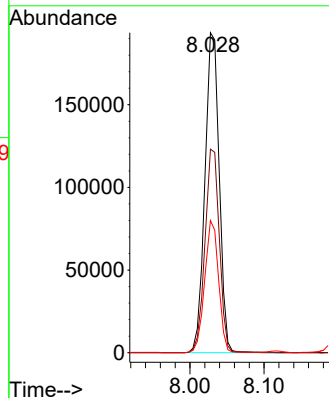
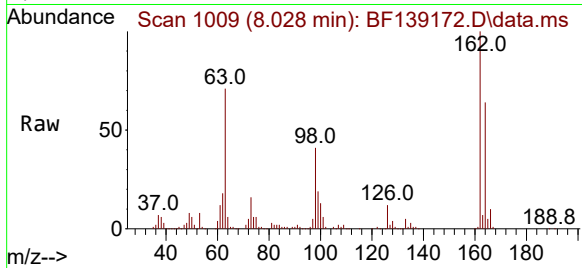
Tgt Ion:162 Resp: 260084

Ion Ratio Lower Upper

162 100

164 63.6 42.3 82.3

98 41.3 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 40.664 ng

RT: 8.116 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

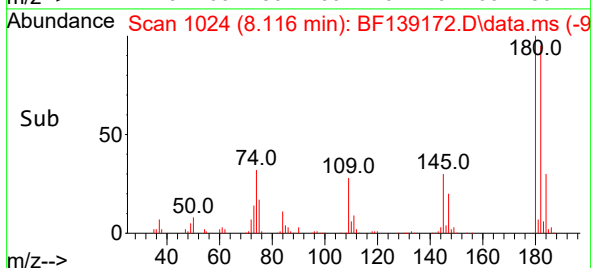
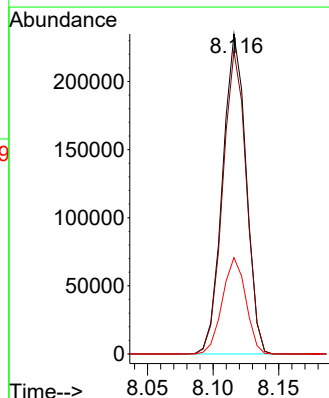
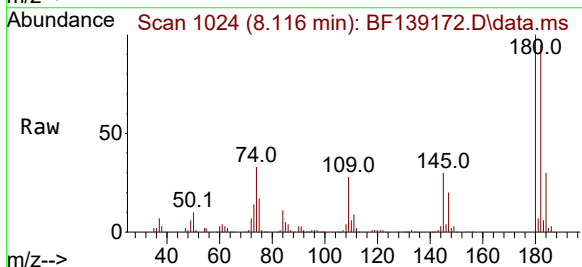
Tgt Ion:180 Resp: 292450

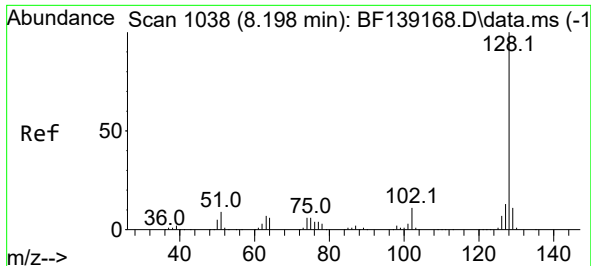
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 30.1 23.6 35.4

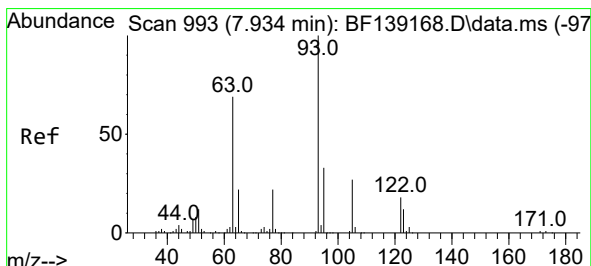
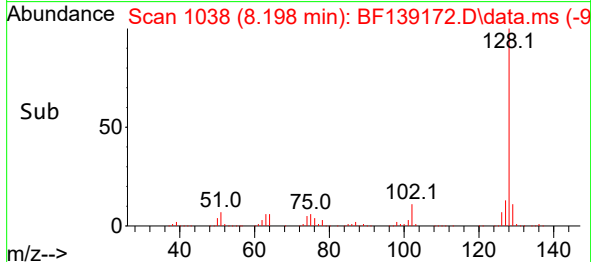
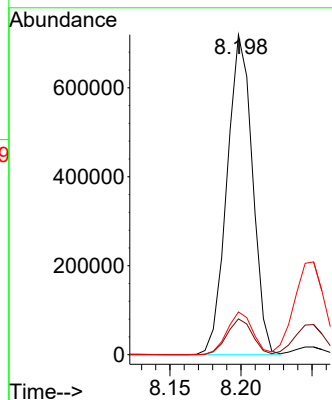
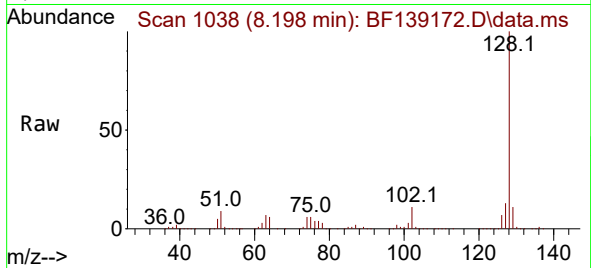




#31
Naphthalene
Concen: 41.101 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

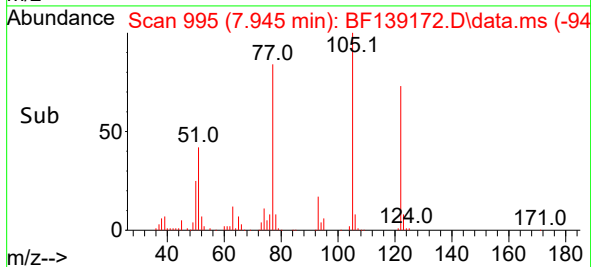
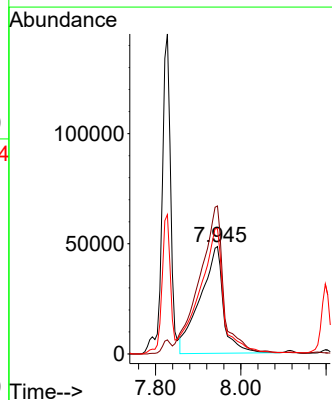
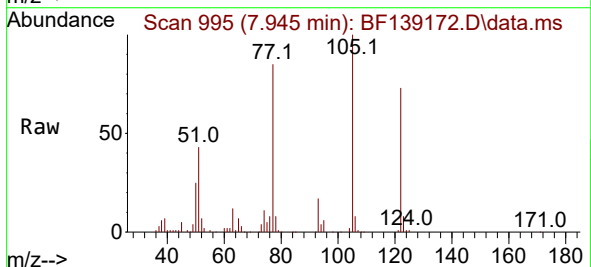
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

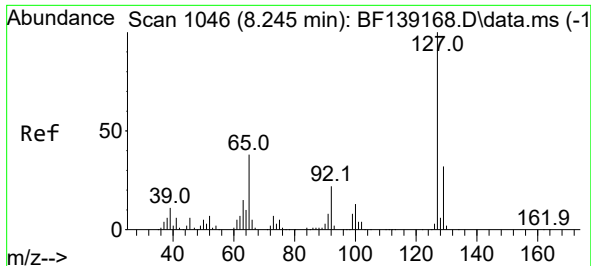
Tgt Ion:128 Resp: 897521
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 47.461 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.011 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:122 Resp: 182887
Ion Ratio Lower Upper
122 100
105 137.8 118.9 158.9
77 116.8 96.4 136.4

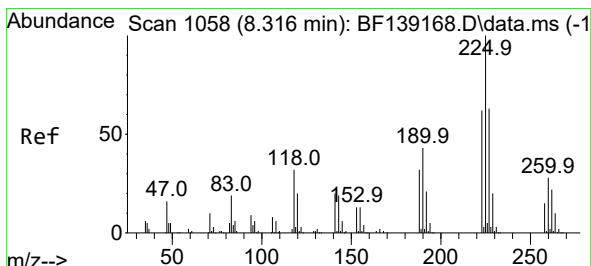
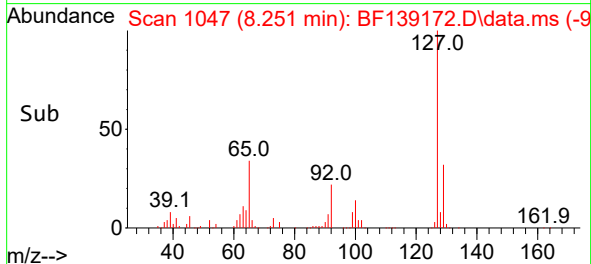
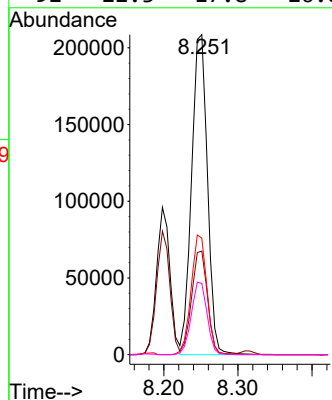
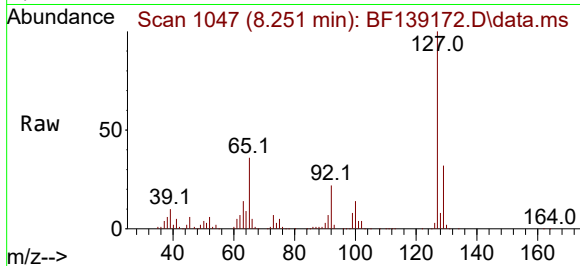




#33
4-Chloroaniline
Concen: 41.212 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

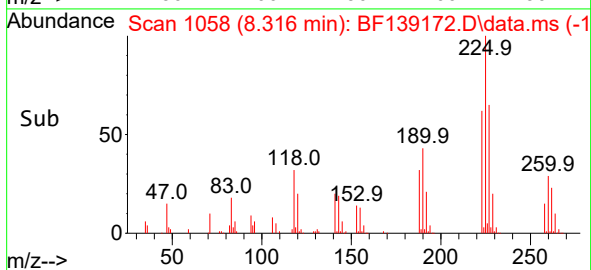
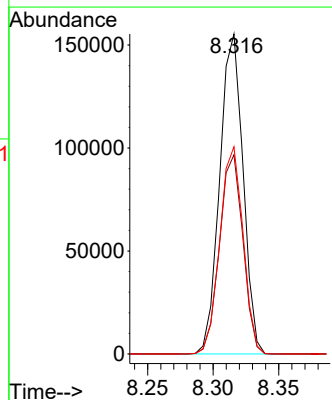
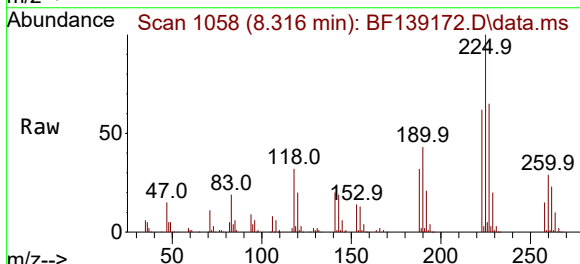
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

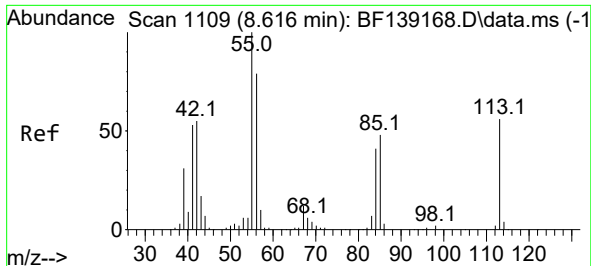
Tgt Ion:127	Resp:	310126
Ion	Ratio	Lower Upper
127	100	
129	32.4	25.7 38.5
65	36.4	30.8 46.2
92	22.3	17.8 26.8



#34
Hexachlorobutadiene
Concen: 41.015 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:225	Resp:	191682
Ion	Ratio	Lower Upper
225	100	
223	62.2	49.7 74.5
227	64.8	50.3 75.5

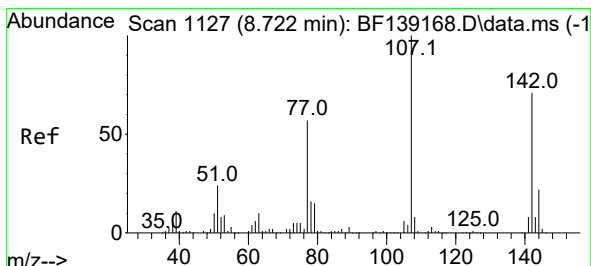
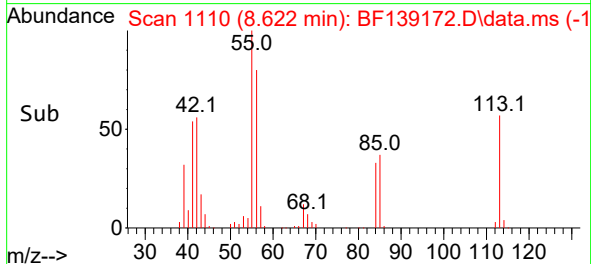
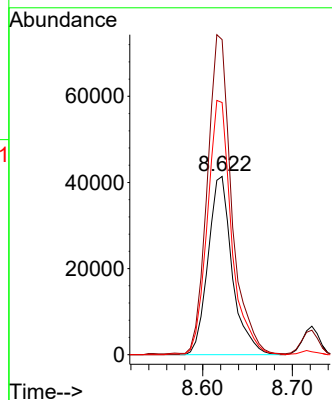
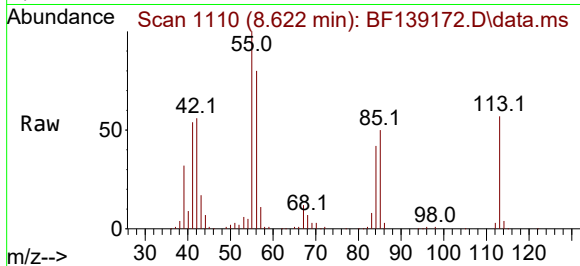




#35
Caprolactam
Concen: 45.132 ng
RT: 8.622 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

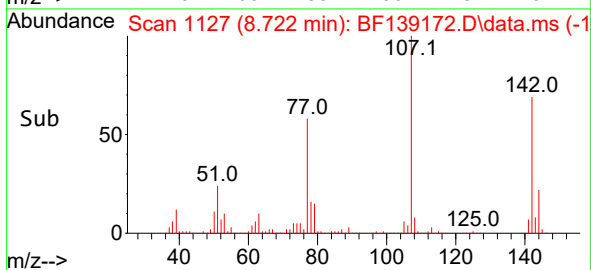
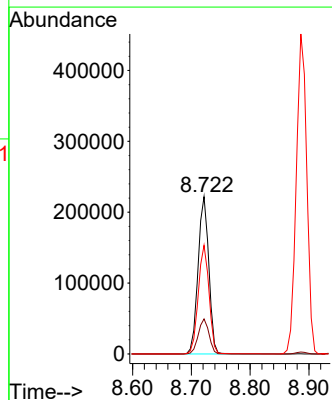
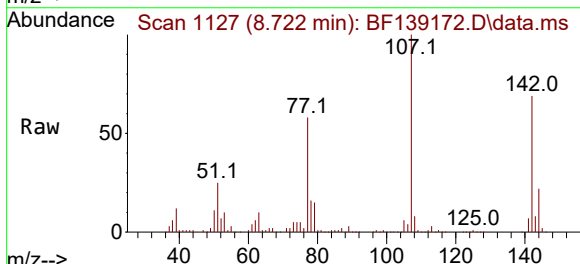
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

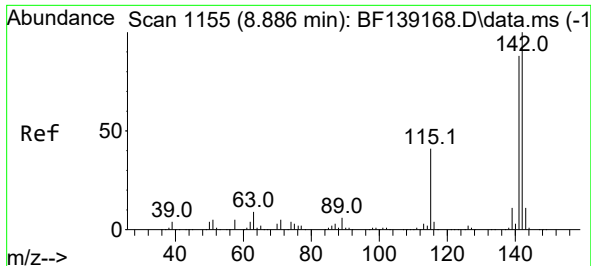
Tgt Ion:113 Resp: 77214
Ion Ratio Lower Upper
113 100
55 176.6 158.0 198.0
56 141.4 119.6 159.6



#36
4-Chloro-3-methylphenol
Concen: 44.191 ng
RT: 8.722 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:107 Resp: 282650
Ion Ratio Lower Upper
107 100
144 22.3 17.8 26.8
142 69.1 56.6 84.8





#37

2-Methylnaphthalene

Concen: 40.898 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

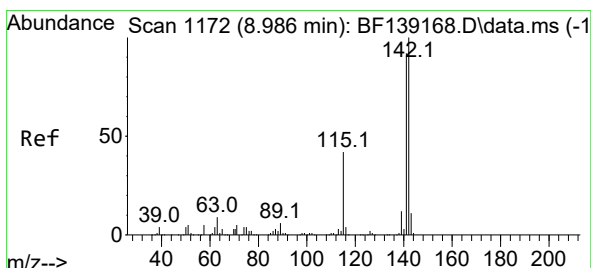
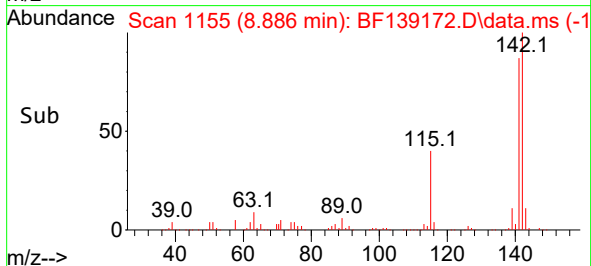
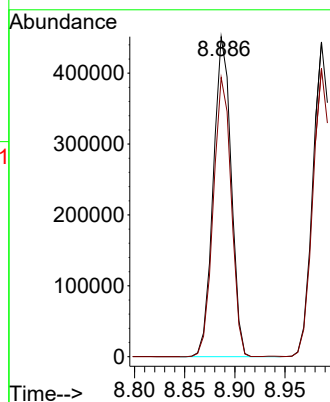
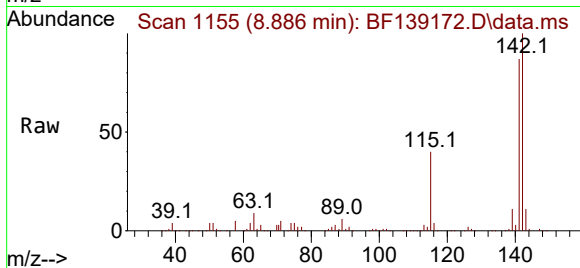
ICVBF082724

Tgt Ion:142 Resp: 559867

Ion Ratio Lower Upper

142 100

141 87.3 70.2 105.2



#38

1-Methylnaphthalene

Concen: 40.698 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139172.D

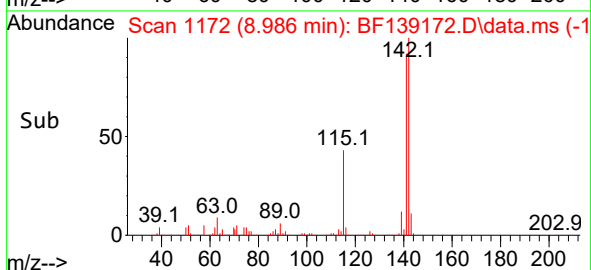
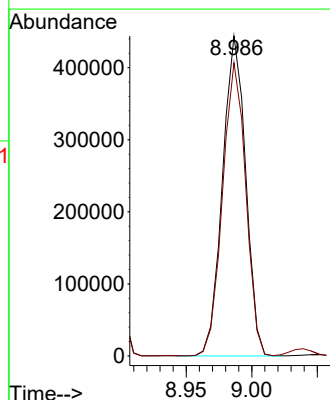
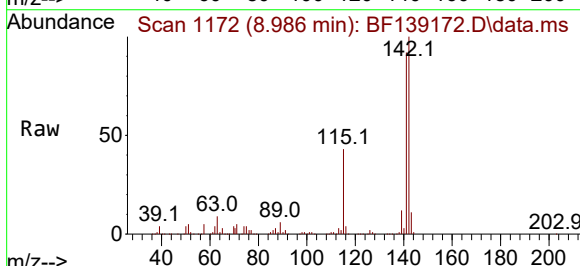
Acq: 26 Aug 2024 20:09

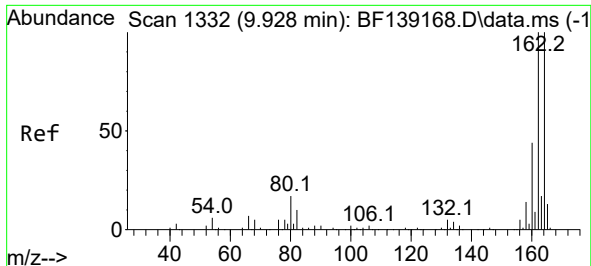
Tgt Ion:142 Resp: 544537

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139172.D

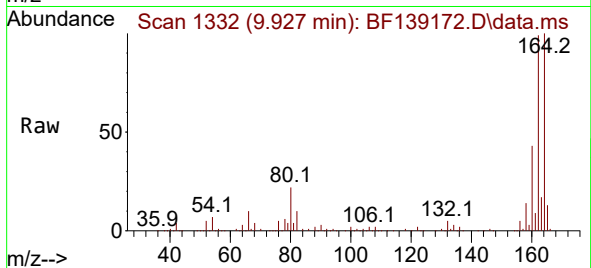
Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724



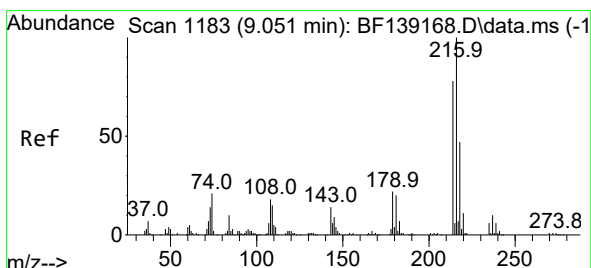
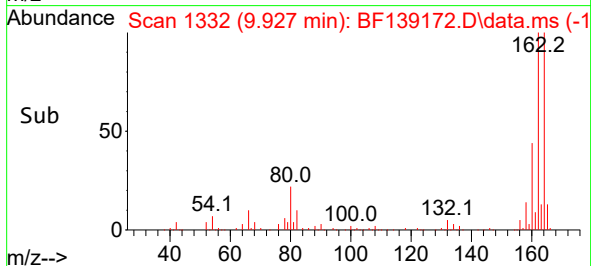
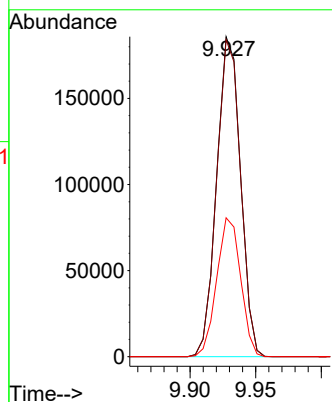
Tgt Ion:164 Resp: 235078

Ion Ratio Lower Upper

164 100

162 99.0 80.0 120.0

160 43.4 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.177 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Tgt Ion:216 Resp: 287115

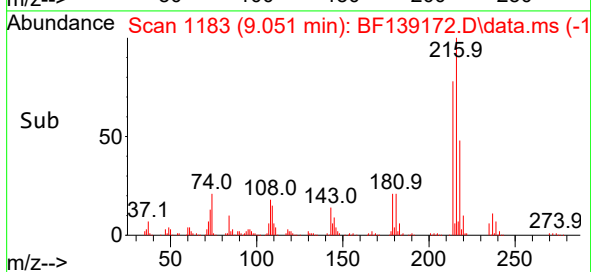
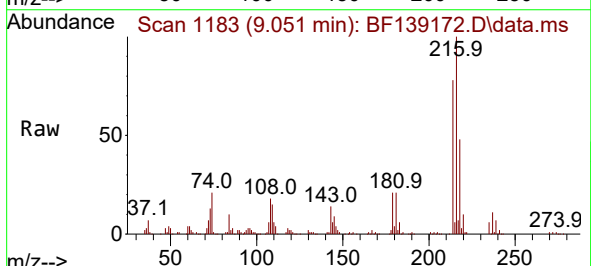
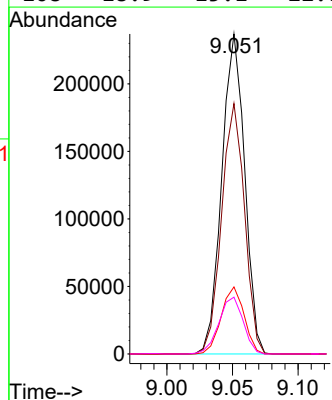
Ion Ratio Lower Upper

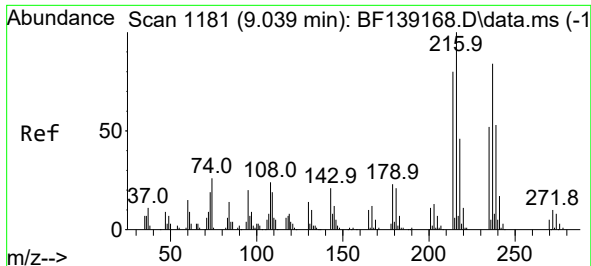
216 100

214 78.3 62.5 93.7

179 21.0 17.5 26.3

108 18.9 15.1 22.7

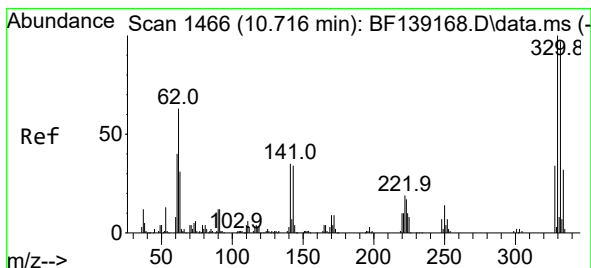
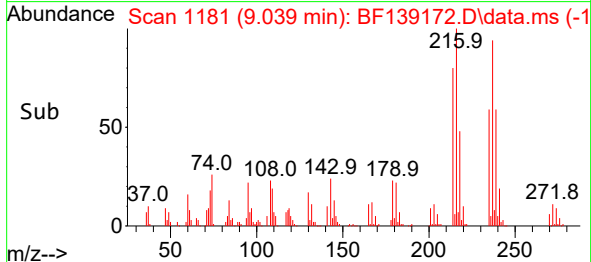
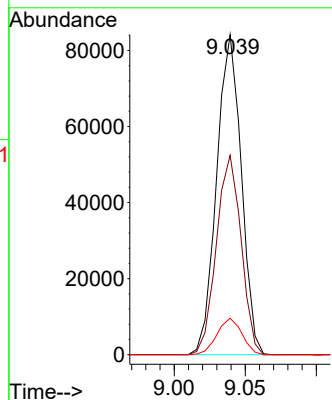
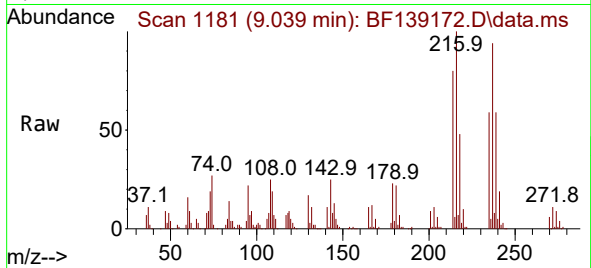




#41
Hexachlorocyclopentadiene
Concen: 45.326 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

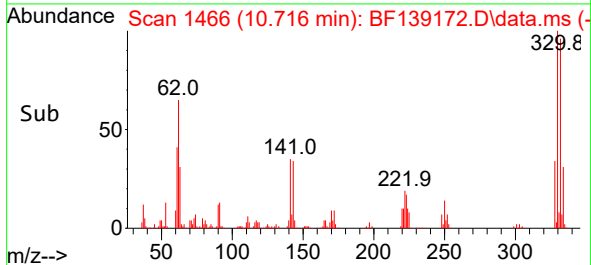
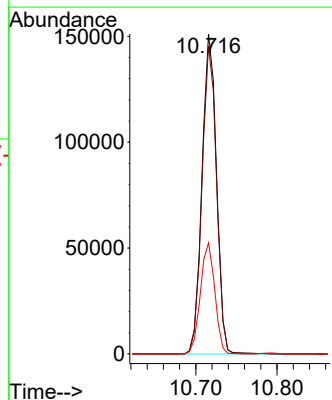
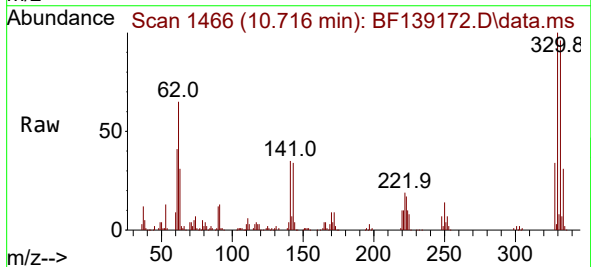
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

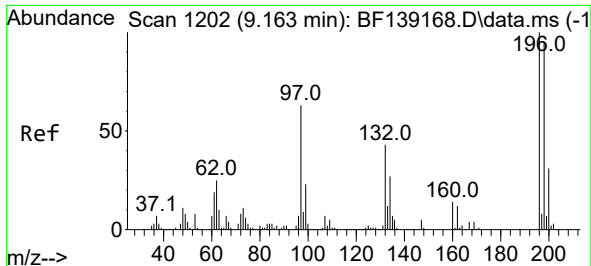
Tgt Ion:237 Resp: 101483
Ion Ratio Lower Upper
237 100
235 62.3 42.1 82.1
272 11.4 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 93.010 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:330 Resp: 187260
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 34.6 28.8 43.2

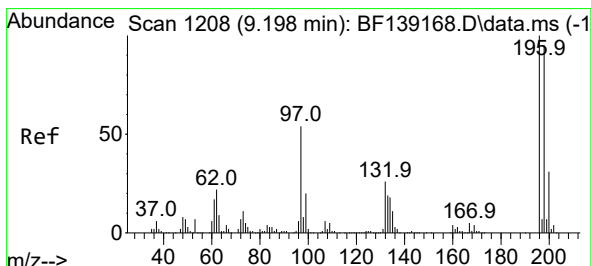
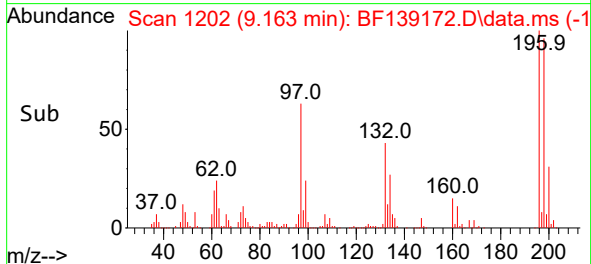
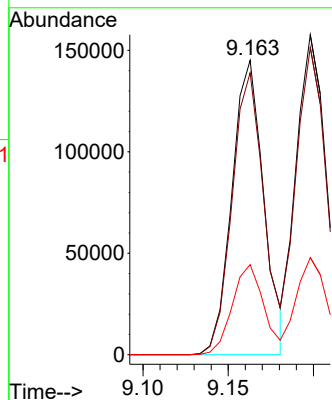
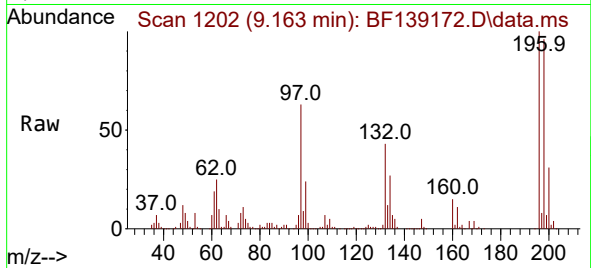




#43
2,4,6-Trichlorophenol
Concen: 48.285 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

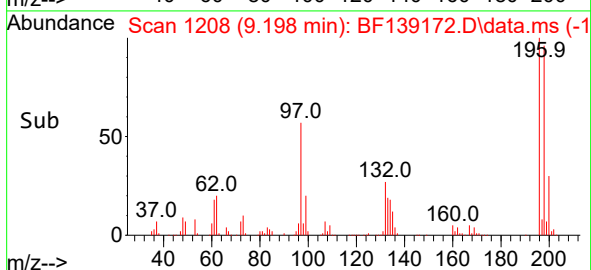
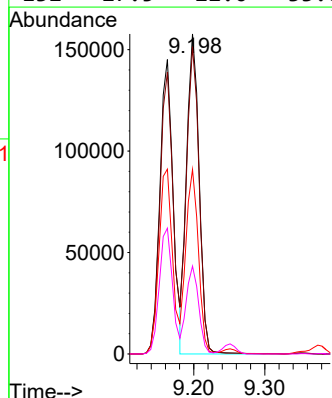
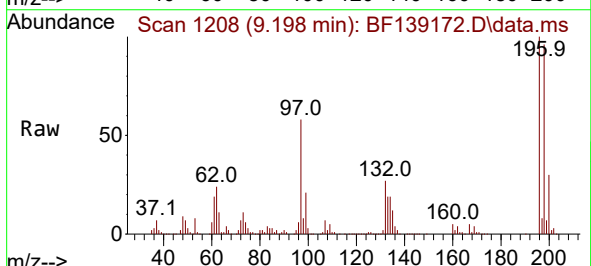
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

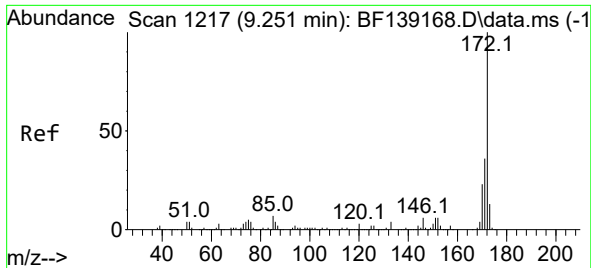
Tgt Ion:196 Resp: 188250
Ion Ratio Lower Upper
196 100
198 95.8 75.8 113.8
200 30.6 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 47.597 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:196 Resp: 194513
Ion Ratio Lower Upper
196 100
198 96.0 75.7 113.5
97 57.6 44.9 67.3
132 27.5 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 80.528 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724

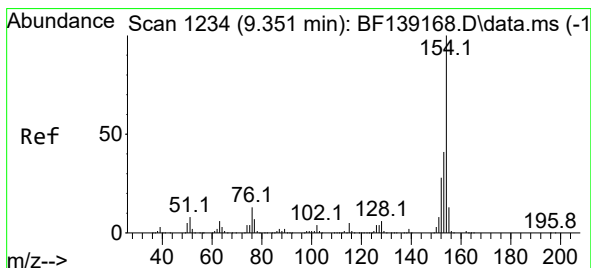
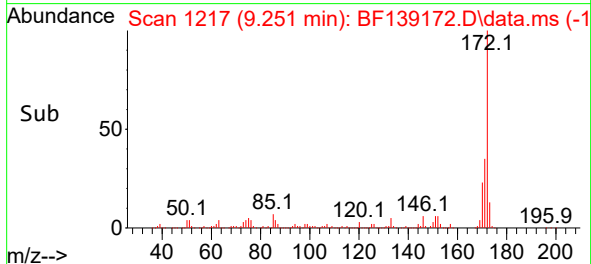
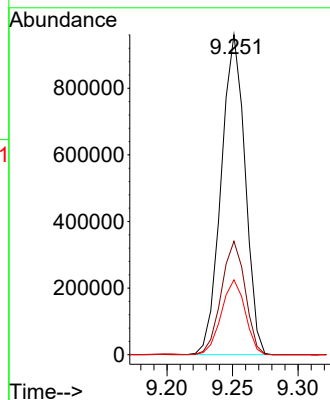
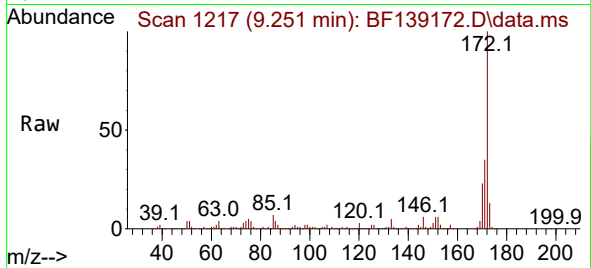
Tgt Ion:172 Resp: 1218667

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.971 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

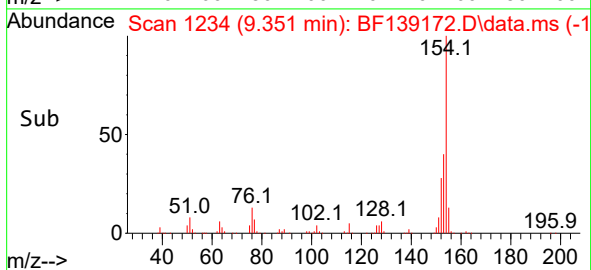
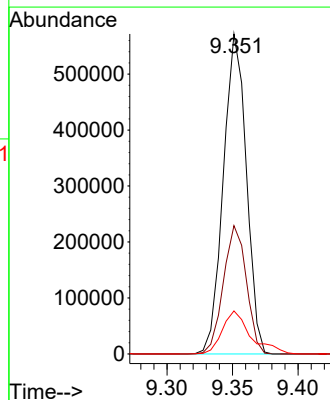
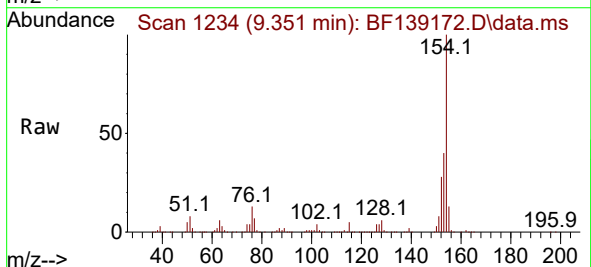
Tgt Ion:154 Resp: 697152

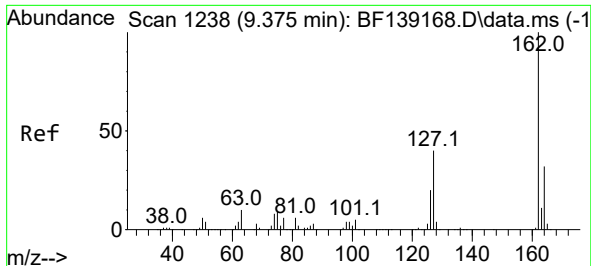
Ion Ratio Lower Upper

154 100

153 40.1 20.7 60.7

76 13.5 0.0 33.4





#47

2-Chloronaphthalene

Concen: 40.626 ng

RT: 9.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724

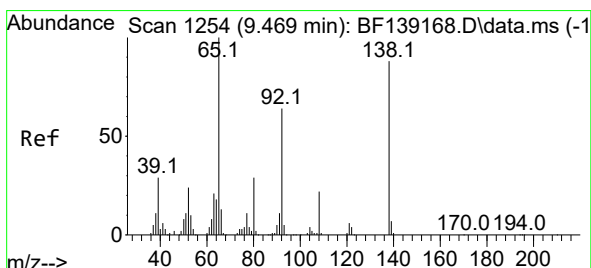
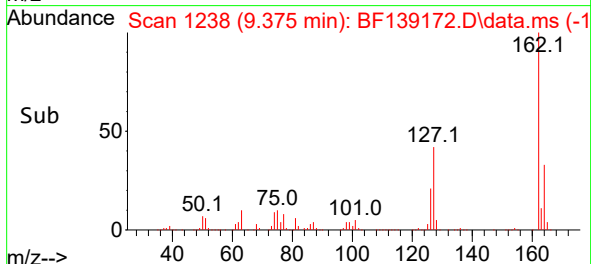
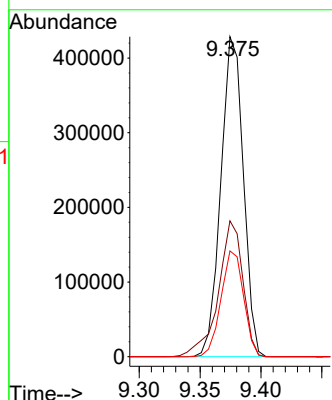
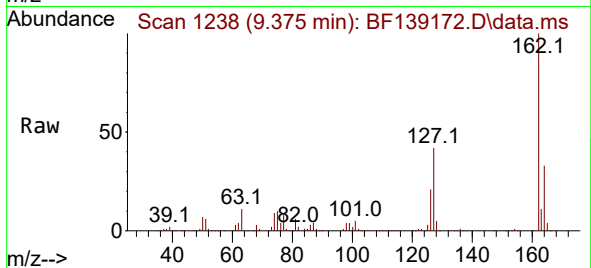
Tgt Ion:162 Resp: 551488

Ion Ratio Lower Upper

162 100

127 42.5 32.4 48.6

164 33.1 25.9 38.9



#48

2-Nitroaniline

Concen: 46.371 ng

RT: 9.469 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

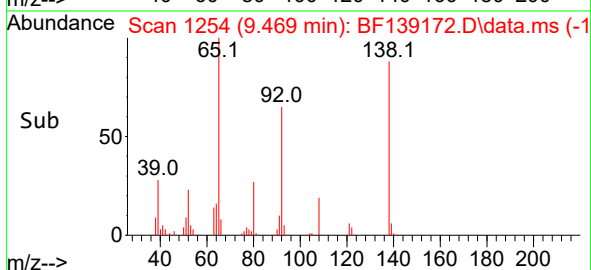
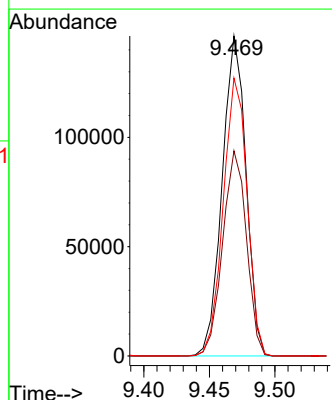
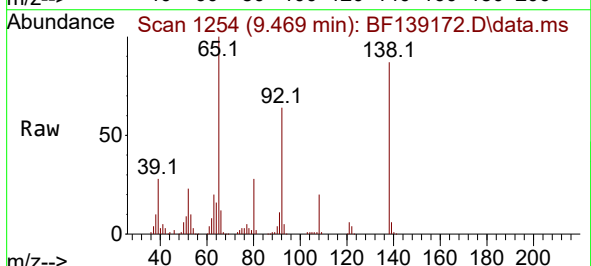
Tgt Ion: 65 Resp: 184410

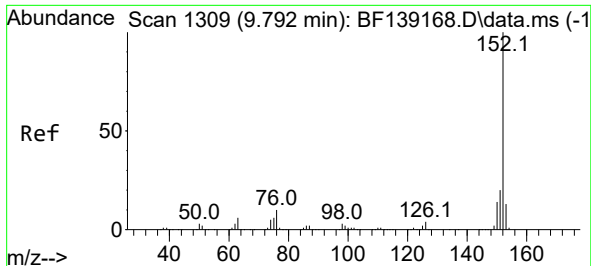
Ion Ratio Lower Upper

65 100

92 64.1 51.2 76.8

138 86.8 70.0 105.0

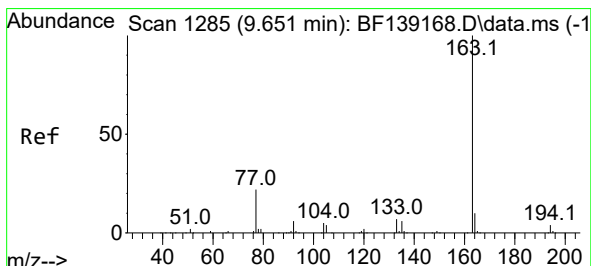
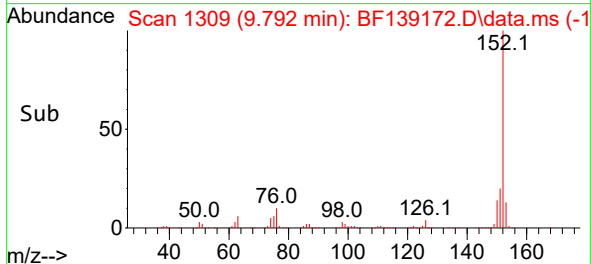
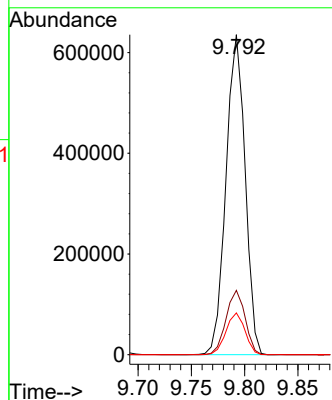
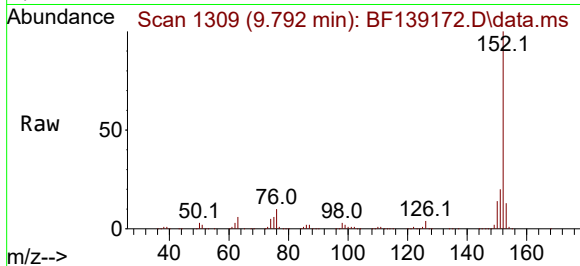




#49
Acenaphthylene
Concen: 41.369 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

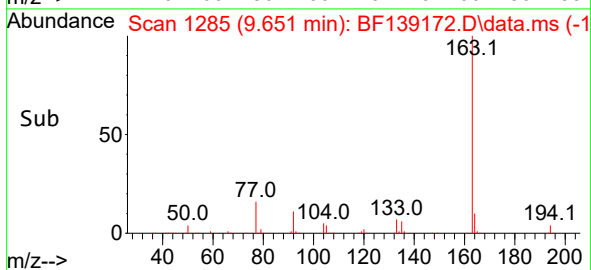
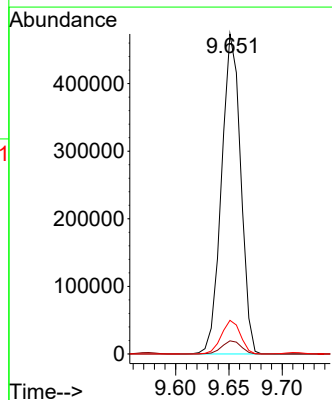
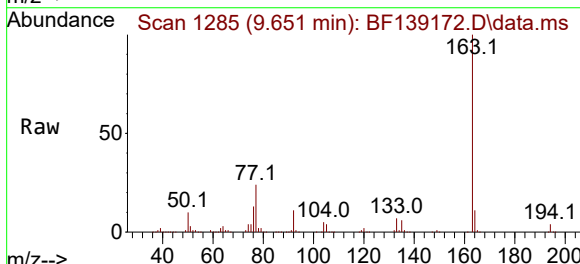
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

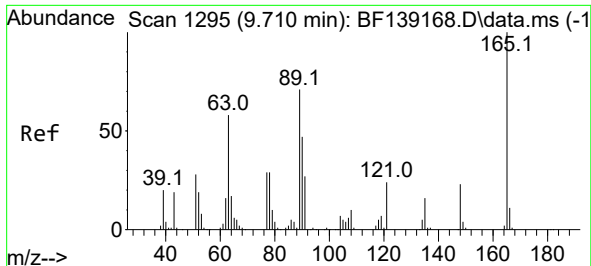
Tgt Ion:152 Resp: 791292
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 43.575 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:163 Resp: 591732
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.1 12.1

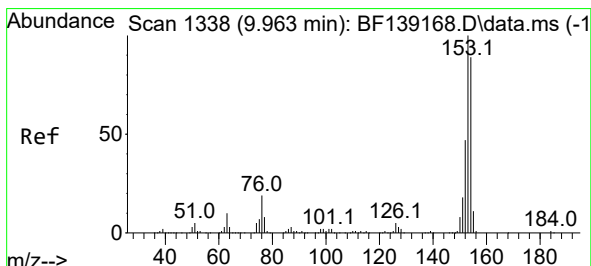
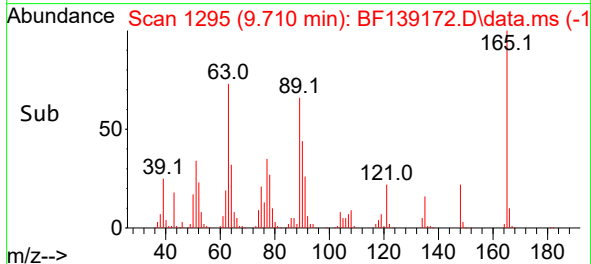
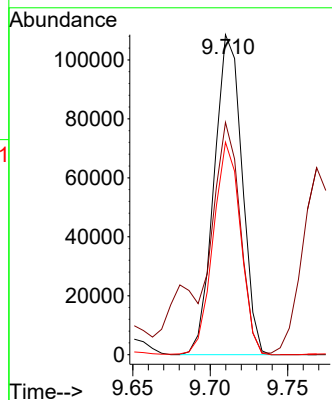
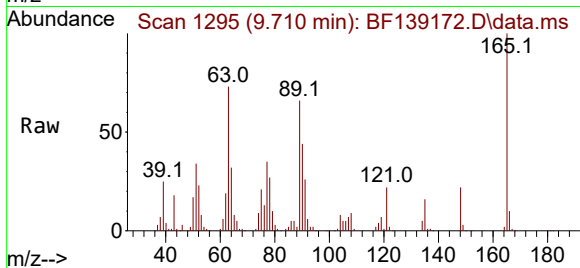




#51
2,6-Dinitrotoluene
Concen: 46.874 ng
RT: 9.710 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

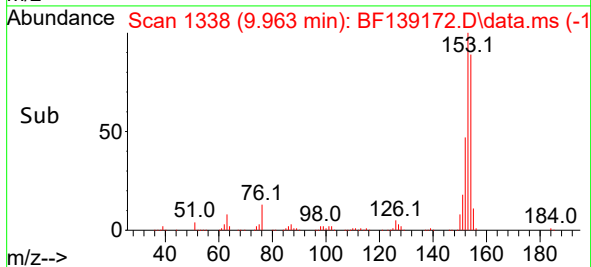
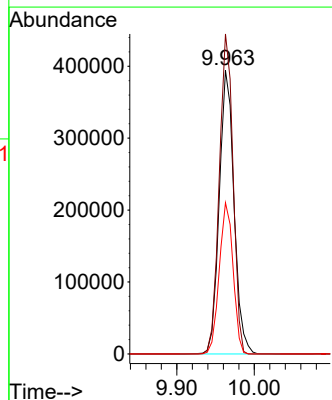
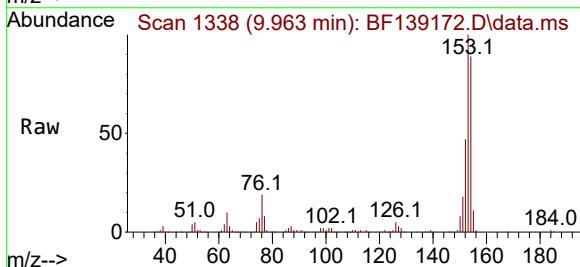
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

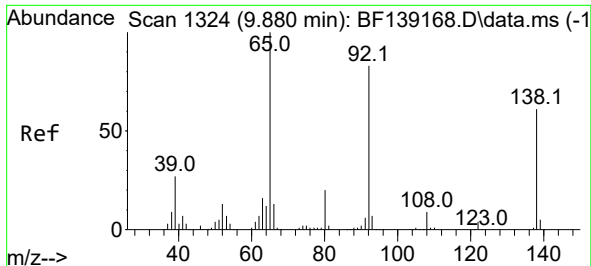
Tgt Ion:165 Resp: 135843
Ion Ratio Lower Upper
165 100
63 72.6 60.1 90.1
89 66.4 57.0 85.6



#52
Acenaphthene
Concen: 41.510 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:154 Resp: 521588
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 53.3 42.4 63.6

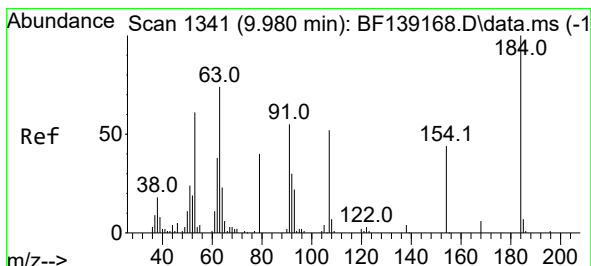
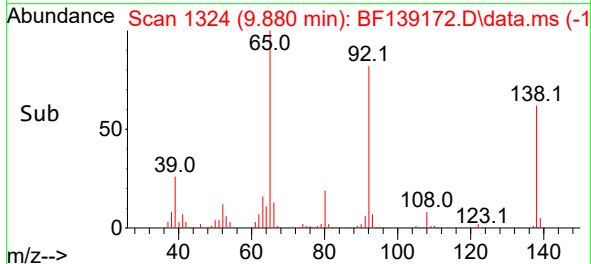
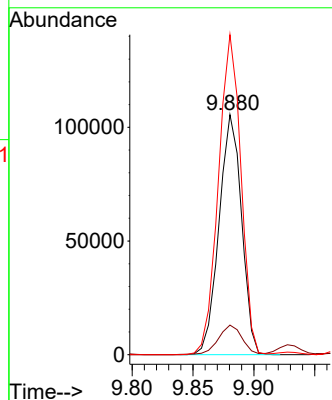
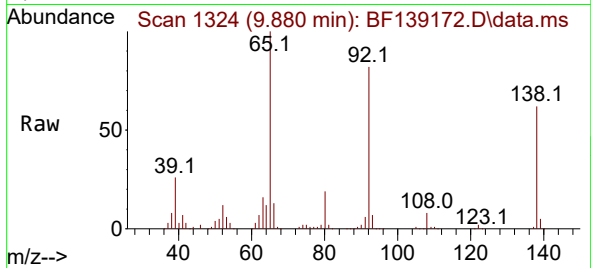




#53
3-Nitroaniline
Concen: 46.069 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

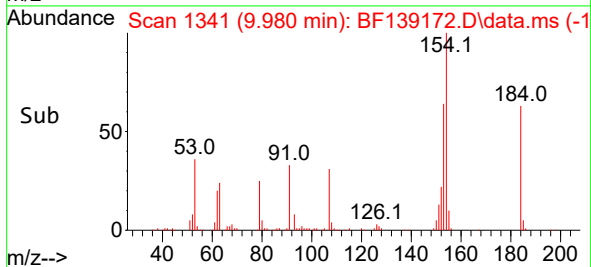
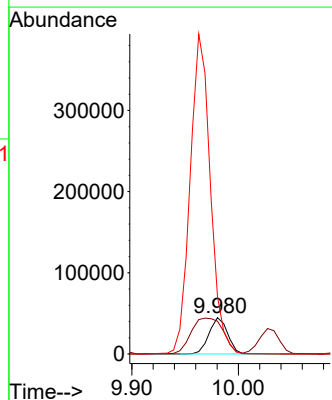
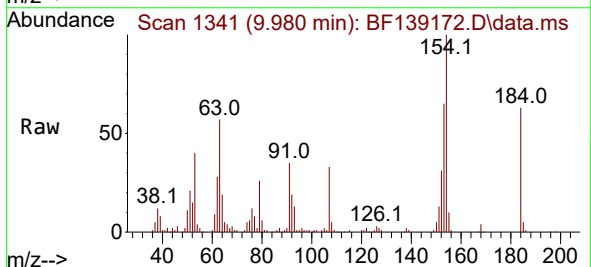
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

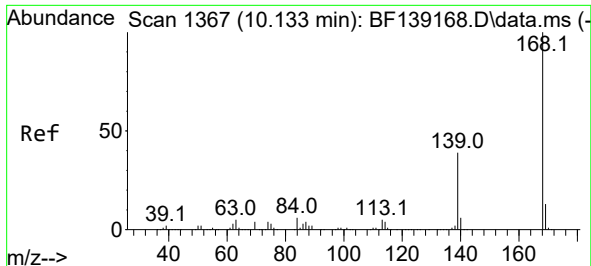
Tgt Ion:138 Resp: 135966
Ion Ratio Lower Upper
138 100
108 12.4 11.8 17.6
92 133.3 108.2 162.2



#54
2,4-Dinitrophenol
Concen: 50.565 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:184 Resp: 54329
Ion Ratio Lower Upper
184 100
63 90.5 72.1 108.1
154 158.9 135.3 202.9

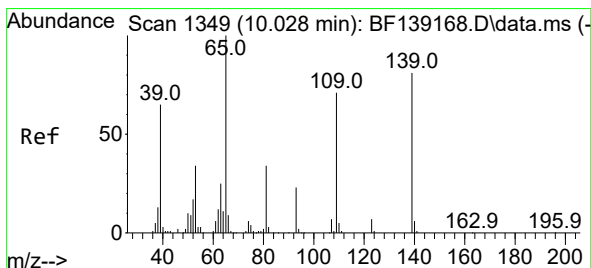
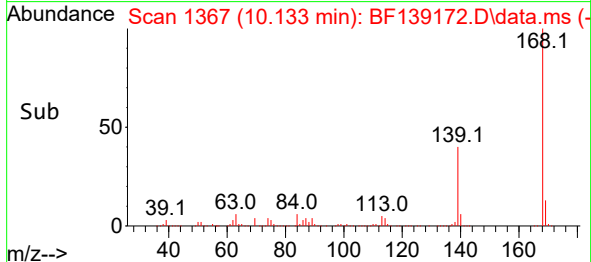
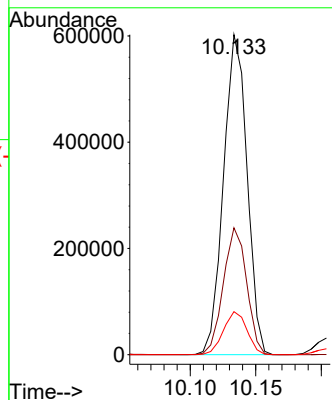
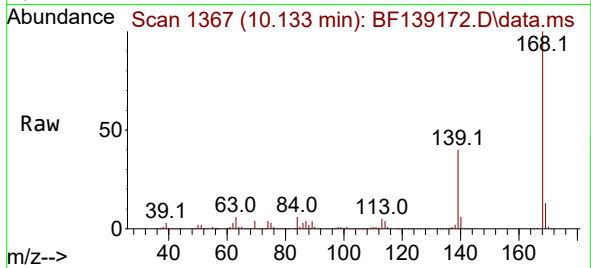




#55
Dibenzenofuran
Concen: 41.005 ng
RT: 10.133 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

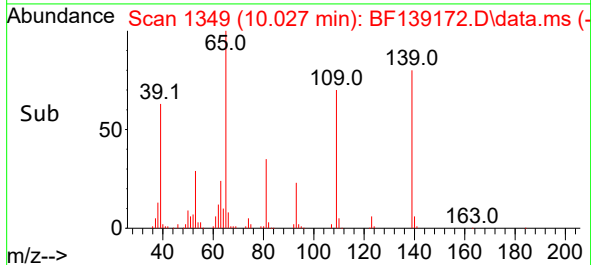
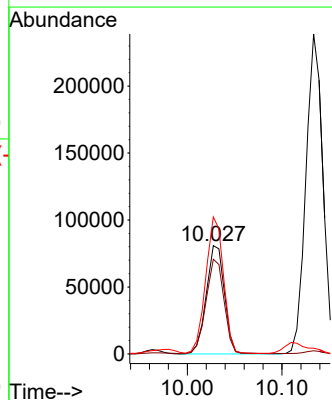
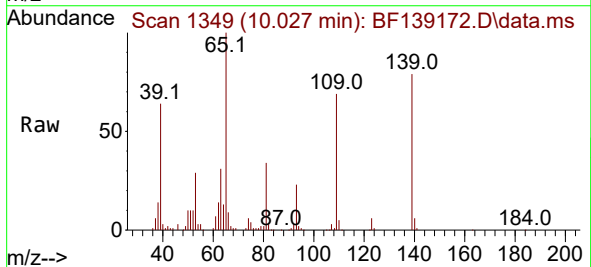
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

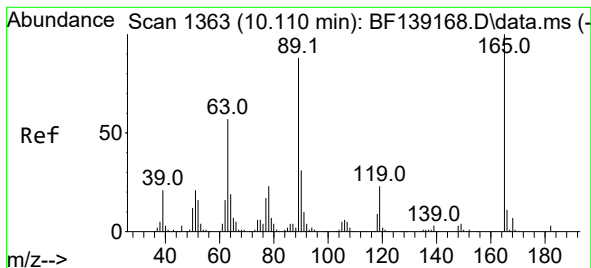
Tgt Ion:168 Resp: 751961
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 45.899 ng
RT: 10.027 min Scan# 1349
Delta R.T. -0.001 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:139 Resp: 108002
Ion Ratio Lower Upper
139 100
109 87.4 68.2 108.2
65 126.4 104.7 144.7

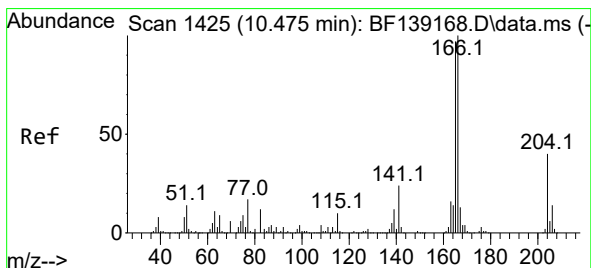
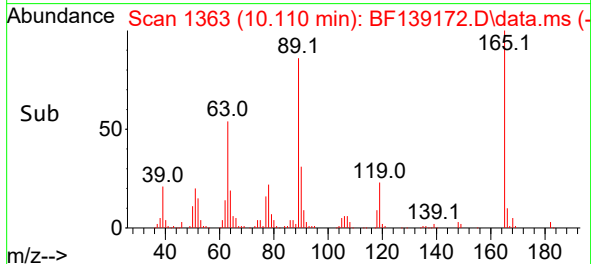
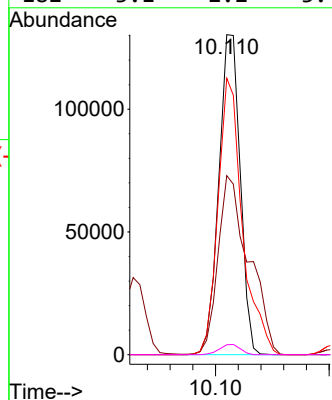
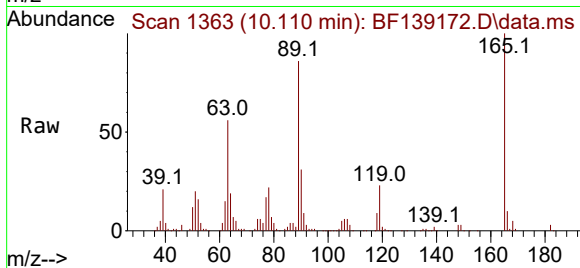




#57
2,4-Dinitrotoluene
Concen: 46.536 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

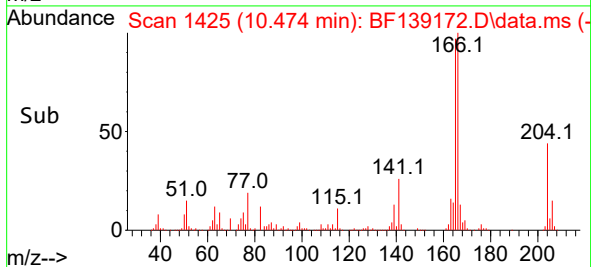
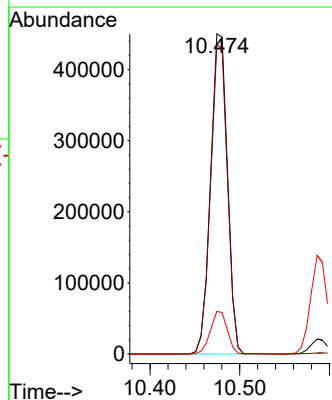
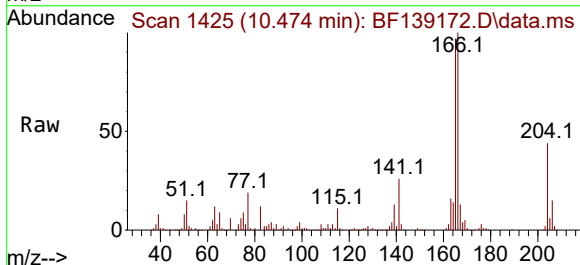
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

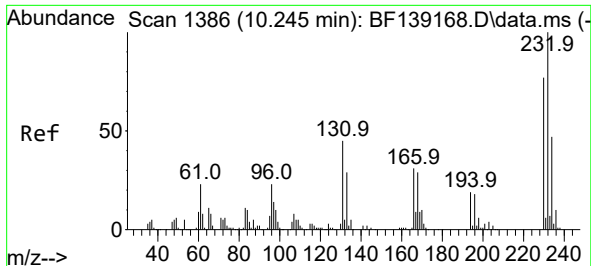
Tgt Ion:165 Resp: 170782
Ion Ratio Lower Upper
165 100
63 56.0 46.2 69.2
89 86.4 70.2 105.4
182 3.1 2.2 3.4



#58
Fluorene
Concen: 40.651 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:166 Resp: 588130
Ion Ratio Lower Upper
166 100
165 96.7 77.8 116.8
167 13.3 10.8 16.2

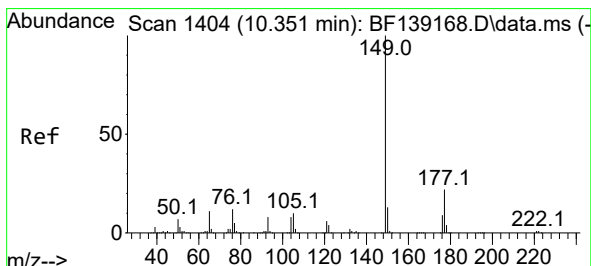
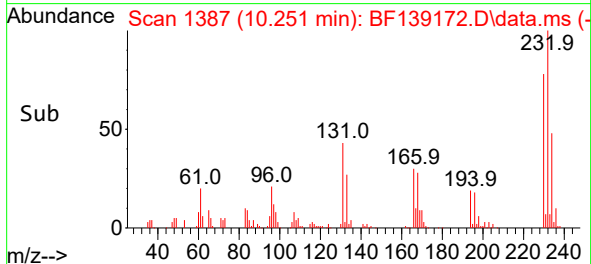
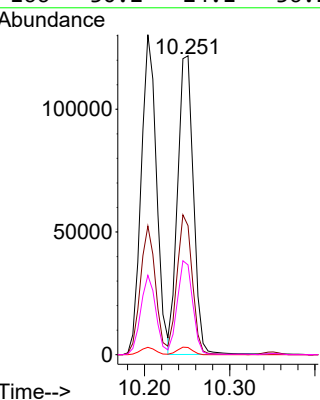
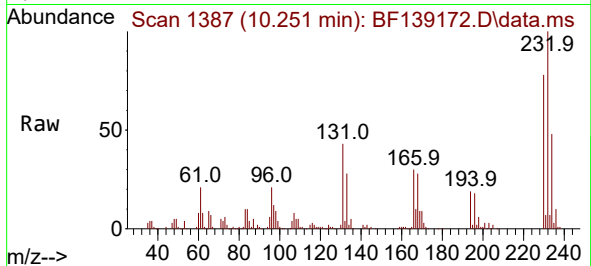




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.728 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

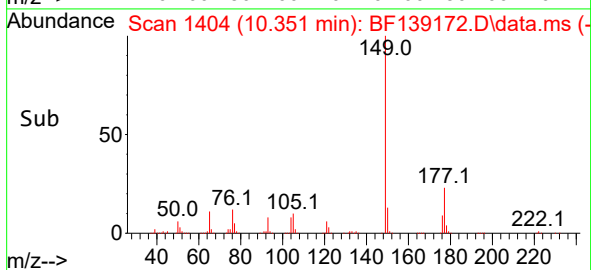
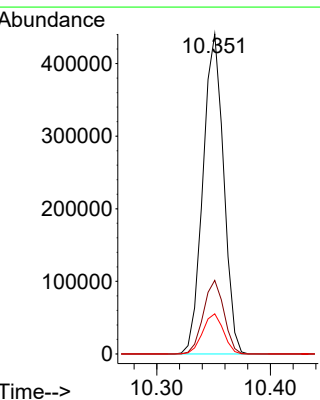
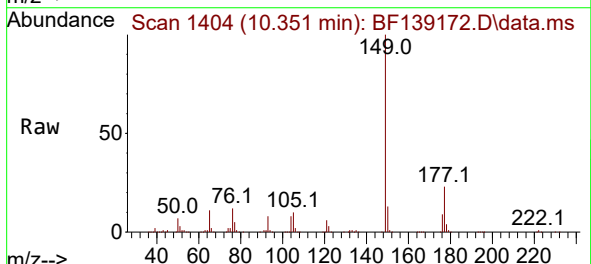
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

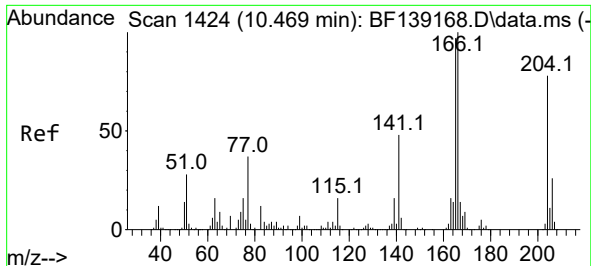
Tgt Ion:232 Resp: 156327
Ion Ratio Lower Upper
232 100
131 45.2 34.9 52.3
130 2.4 1.9 2.9
166 30.2 24.1 36.1



#60
Diethylphthalate
Concen: 43.583 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:149 Resp: 557329
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 12.6 10.0 15.0

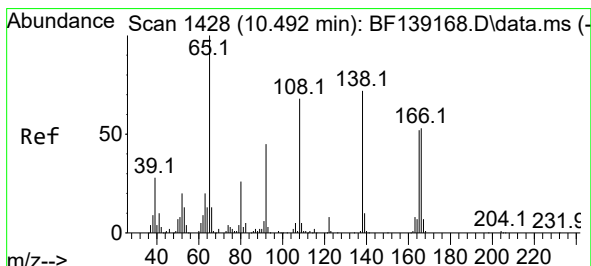
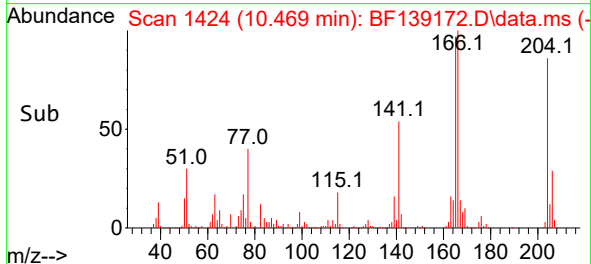
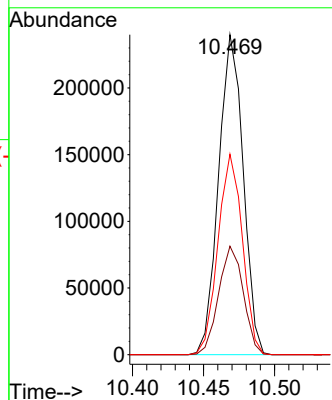
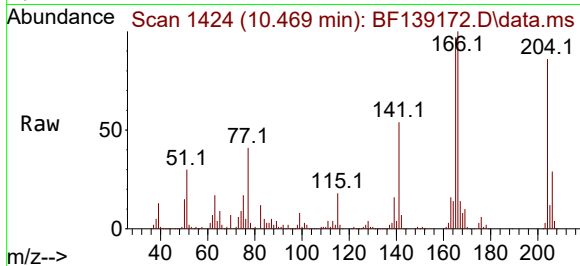




#61
4-Chlorophenyl-phenylether
Concen: 40.700 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

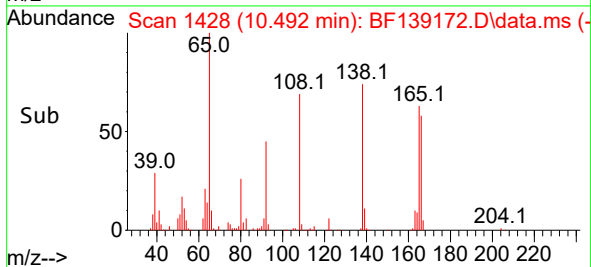
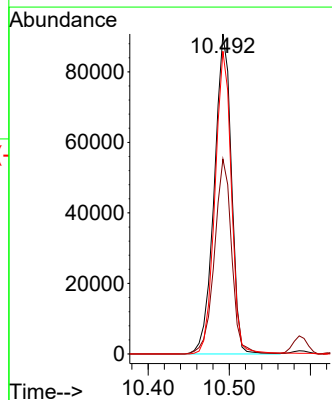
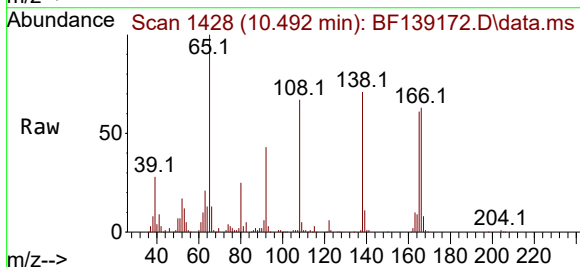
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

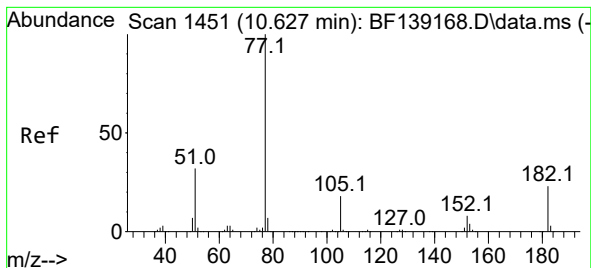
Tgt Ion:204 Resp: 288977
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 62.6 49.6 74.4



#62
4-Nitroaniline
Concen: 44.761 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:138 Resp: 133352
Ion Ratio Lower Upper
138 100
92 60.9 42.4 82.4
108 94.6 74.0 114.0





#63

Azobenzene

Concen: 40.874 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724

Tgt Ion: 77 Resp: 635402

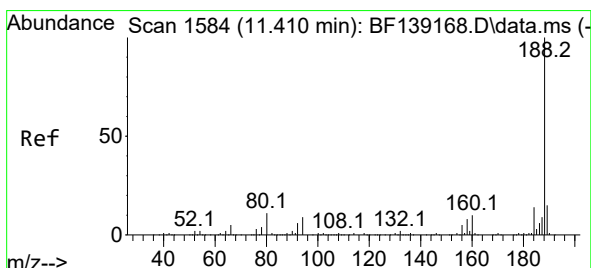
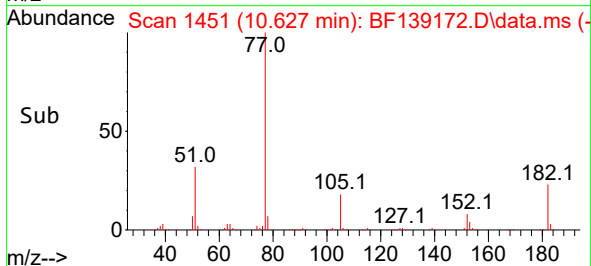
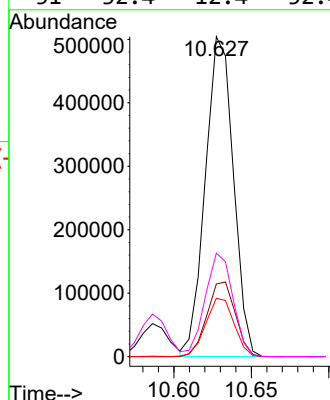
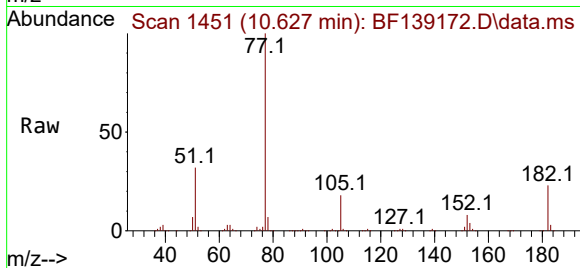
Ion Ratio Lower Upper

77 100

182 22.7 2.4 42.4

105 18.3 0.0 38.2

51 32.4 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

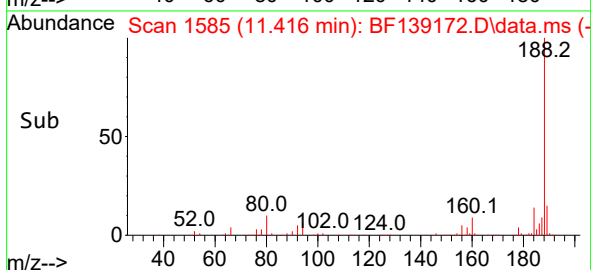
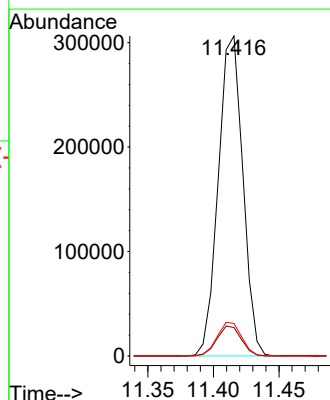
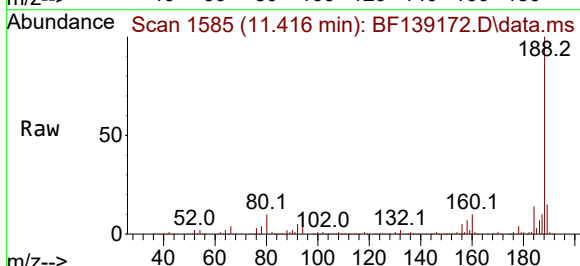
Tgt Ion:188 Resp: 398437

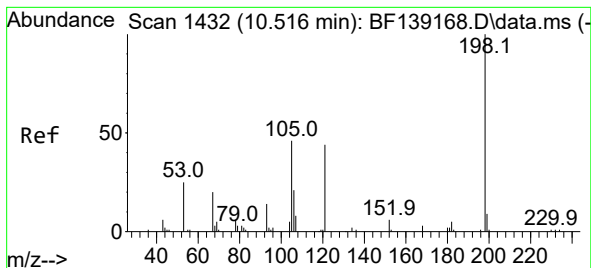
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 10.1 8.9 13.3

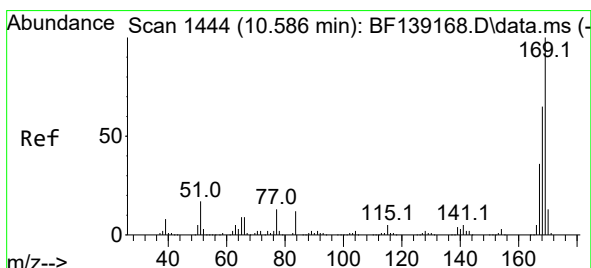
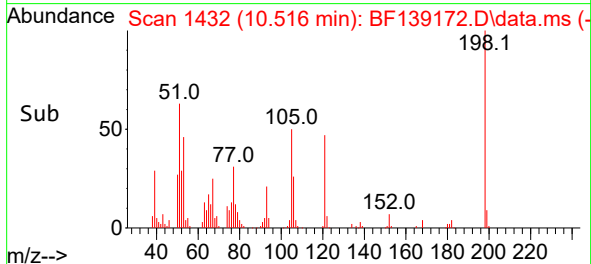
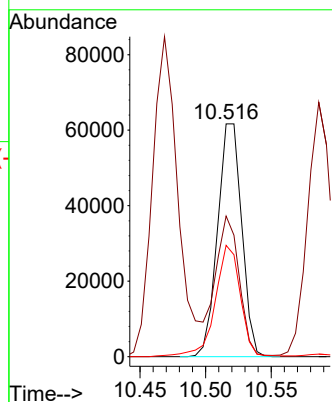
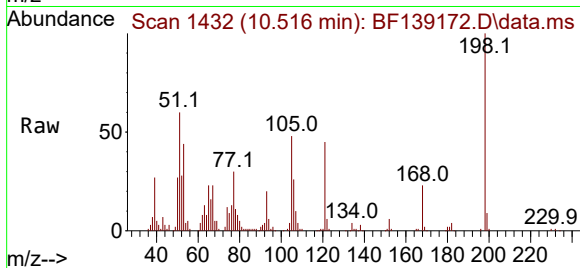




#65
4,6-Dinitro-2-methylphenol
Concen: 50.838 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

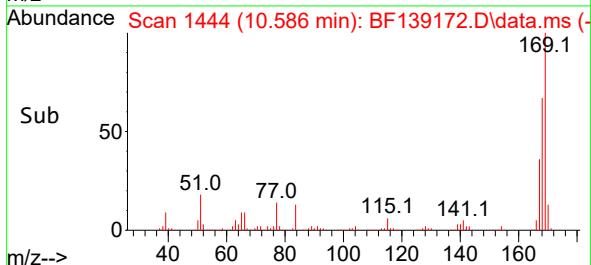
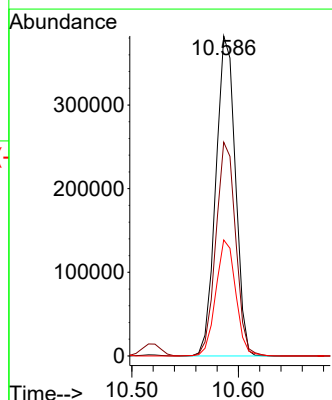
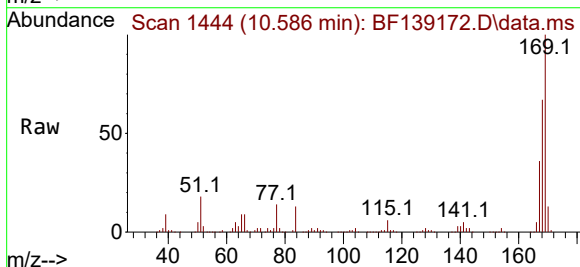
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

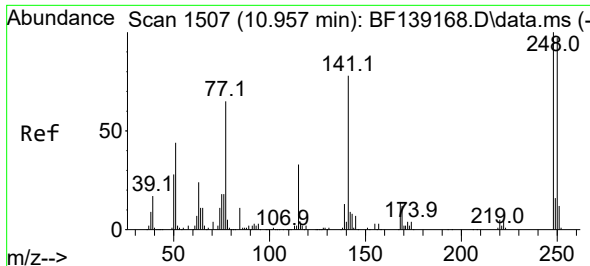
Tgt Ion:198 Resp: 78997
Ion Ratio Lower Upper
198 100
51 60.4 39.2 79.2
105 47.8 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 41.219 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:169 Resp: 486387
Ion Ratio Lower Upper
169 100
168 66.8 52.3 78.5
167 36.2 29.0 43.4

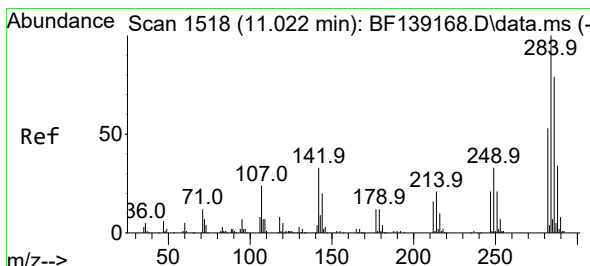
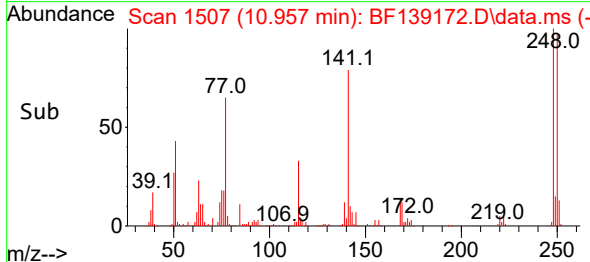
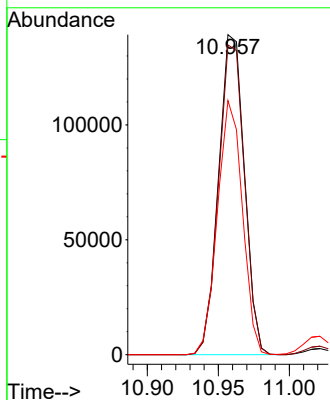
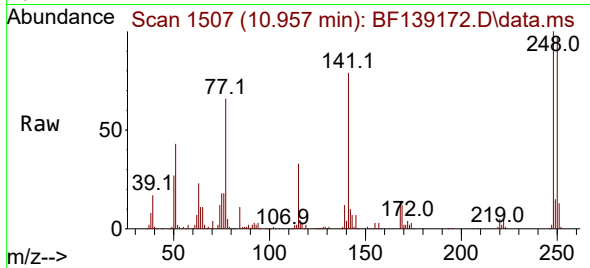




#67
4-Bromophenyl-phenylether
Concen: 41.768 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

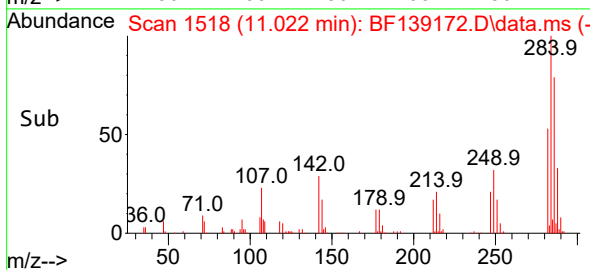
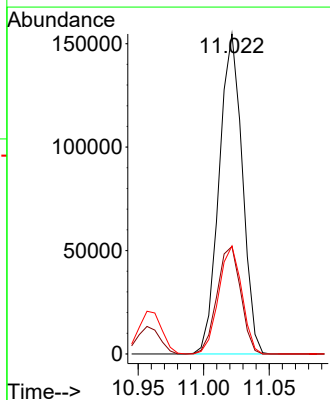
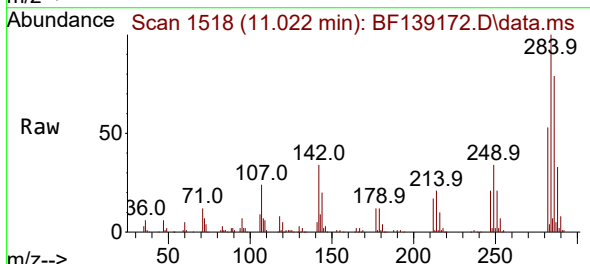
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

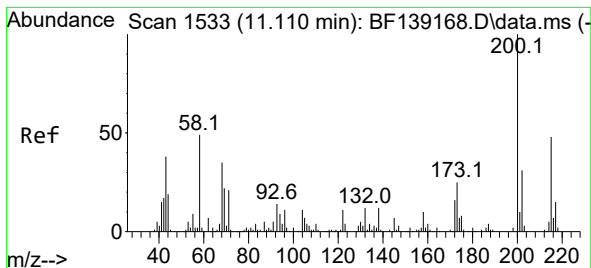
Tgt Ion:248 Resp: 176823
Ion Ratio Lower Upper
248 100
250 96.8 78.0 117.0
141 79.4 62.6 94.0



#68
Hexachlorobenzene
Concen: 41.480 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:284 Resp: 190042
Ion Ratio Lower Upper
284 100
142 33.6 26.6 40.0
249 33.8 26.5 39.7





#69

Atrazine

Concen: 43.428 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724

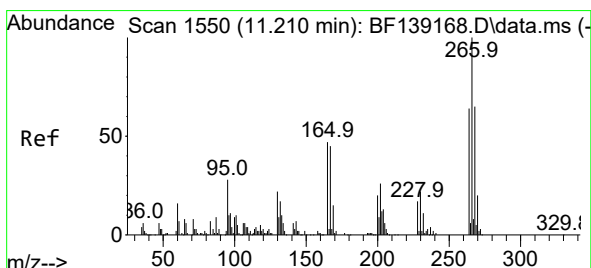
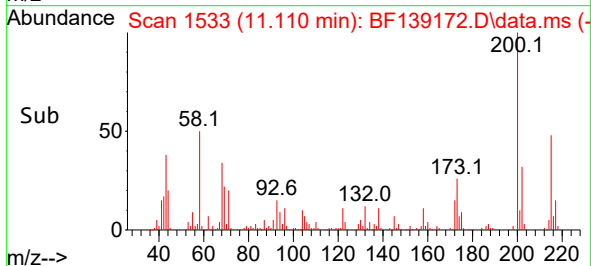
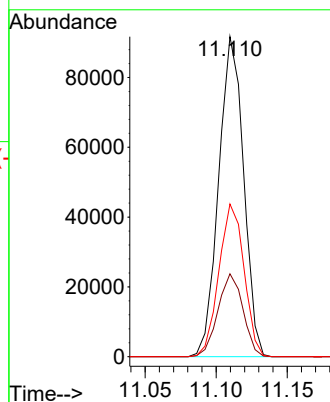
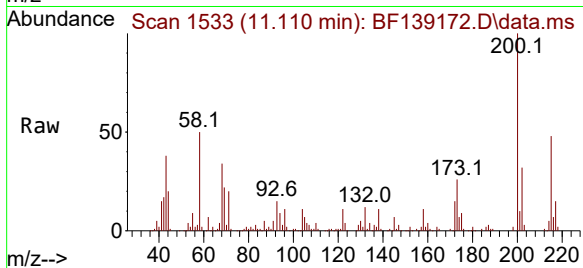
Tgt Ion:200 Resp: 111775

Ion Ratio Lower Upper

200 100

173 25.9 4.7 44.7

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 47.806 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

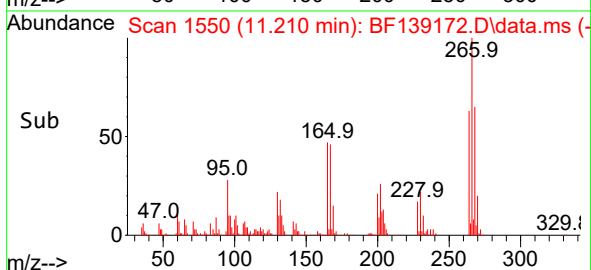
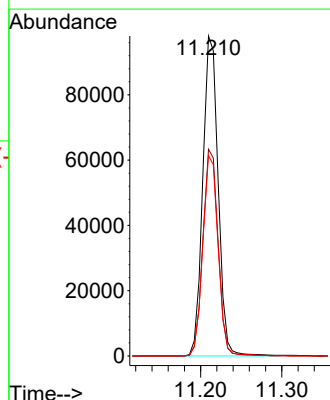
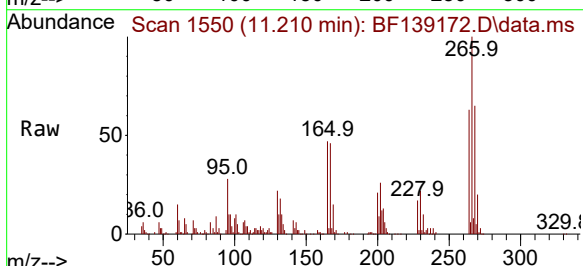
Tgt Ion:266 Resp: 128592

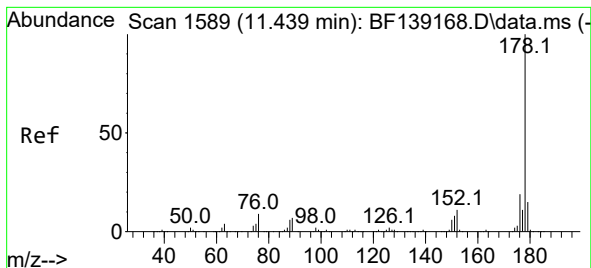
Ion Ratio Lower Upper

266 100

268 64.6 51.8 77.8

264 62.6 51.0 76.6

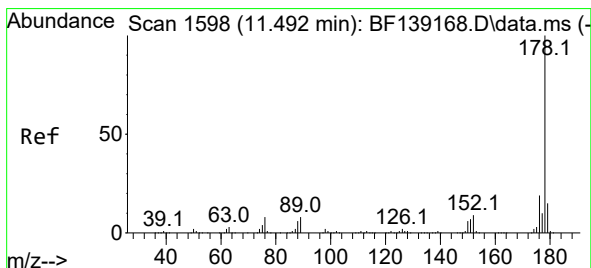
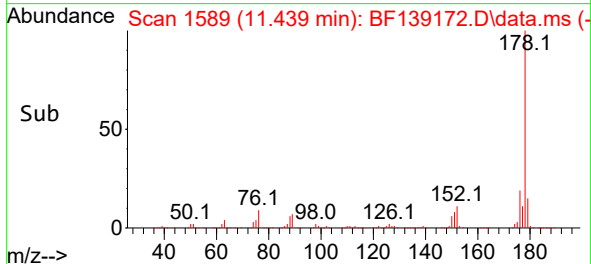
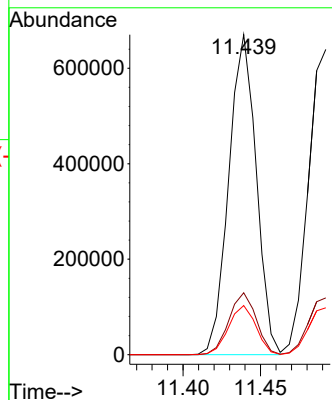
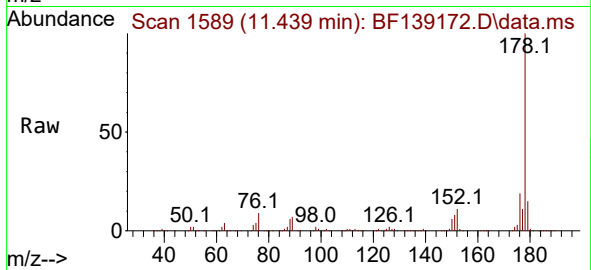




#71
Phenanthrene
Concen: 41.038 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

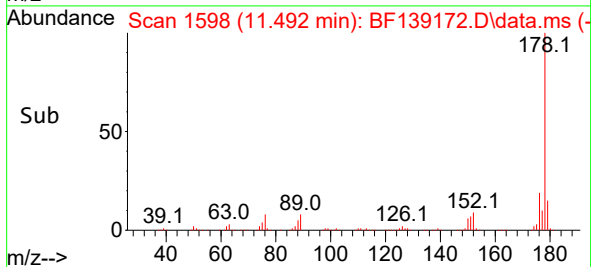
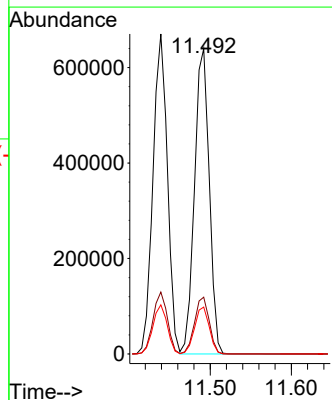
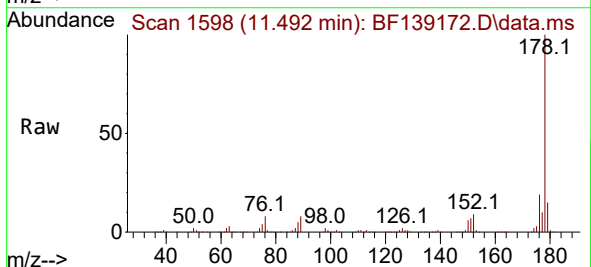
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

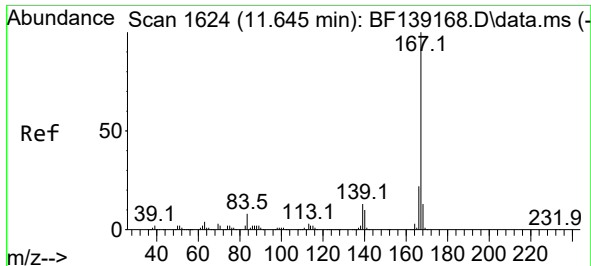
Tgt Ion:178 Resp: 826265
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.2 18.4



#72
Anthracene
Concen: 41.200 ng
RT: 11.492 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:178 Resp: 808618
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.4 12.3 18.5

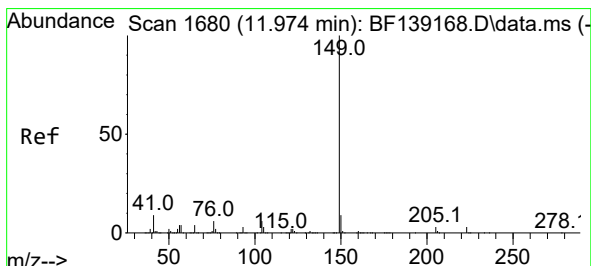
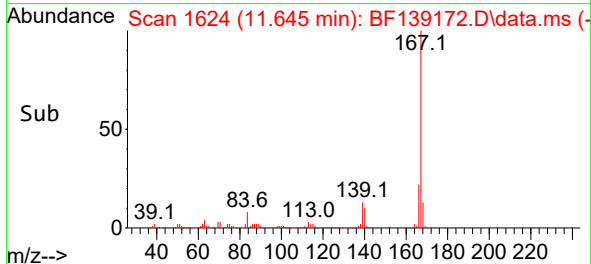
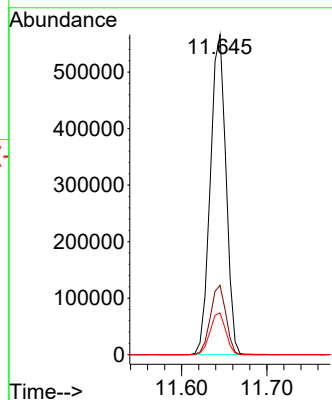
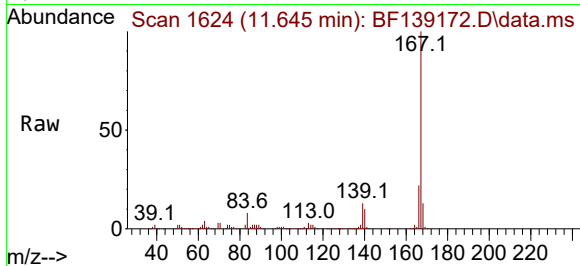




#73
Carbazole
Concen: 41.123 ng
RT: 11.645 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

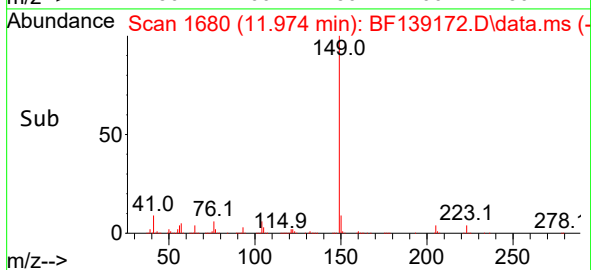
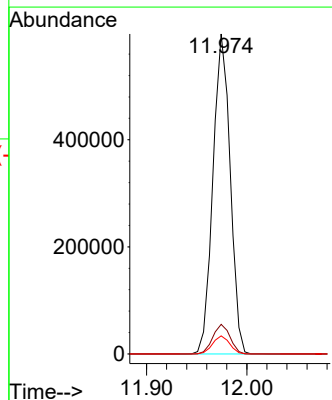
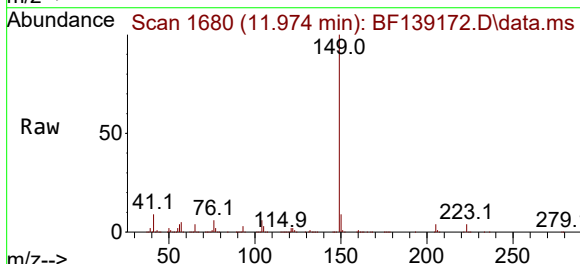
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

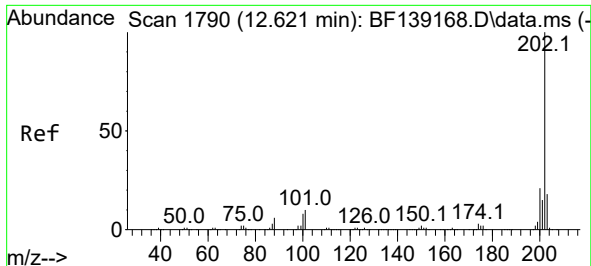
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	13.1	10.3	15.5



#74
Di-n-butylphthalate
Concen: 46.930 ng
RT: 11.974 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.6	4.4	6.6

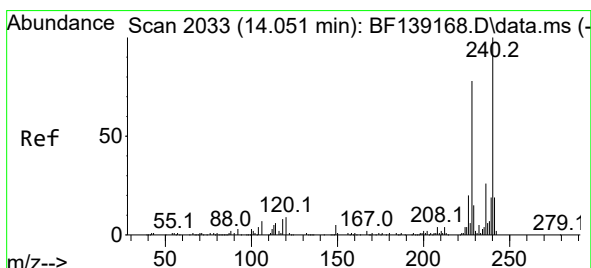
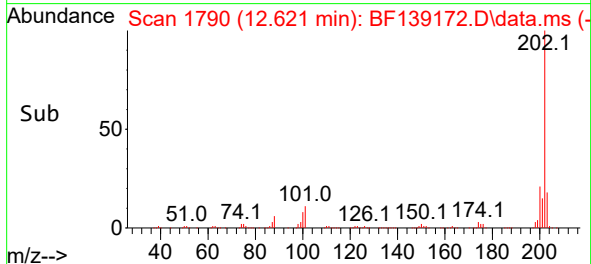
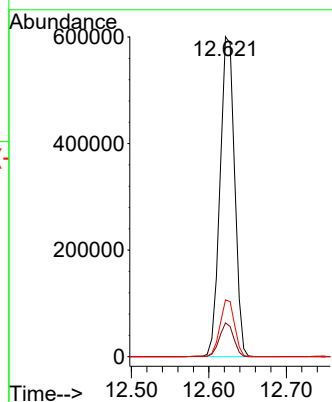
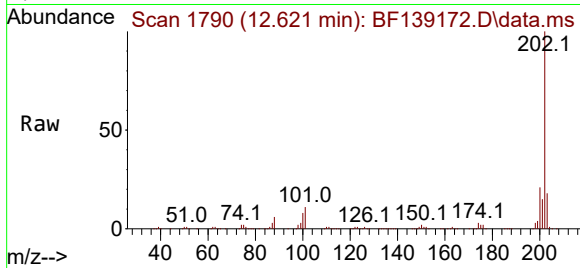




#75
Fluoranthene
Concen: 40.255 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

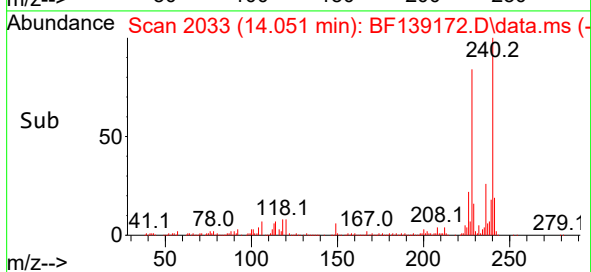
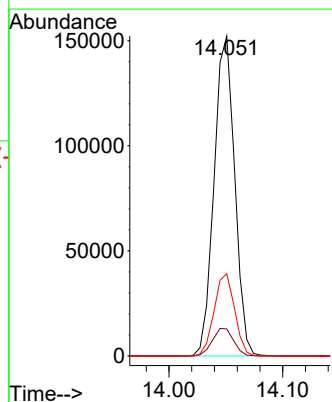
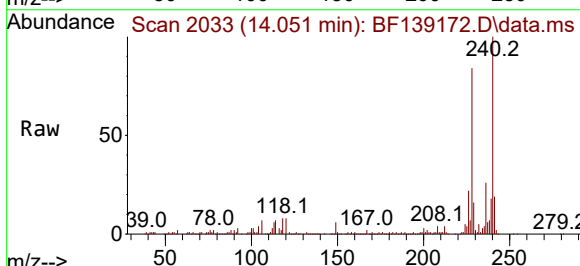
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

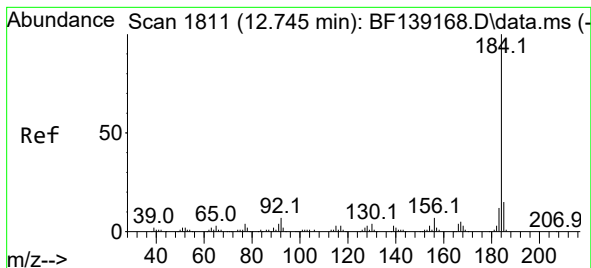
Tgt Ion:202 Resp: 786568
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.1
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:240 Resp: 192006
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.7 20.9 31.3





#77

Benzidine

Concen: 48.996 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724

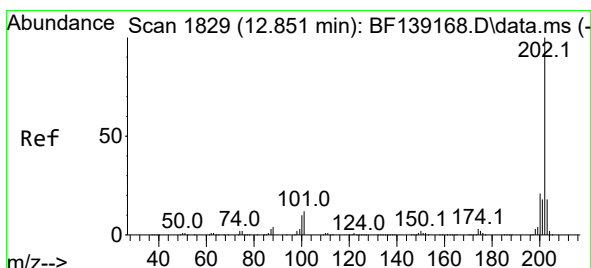
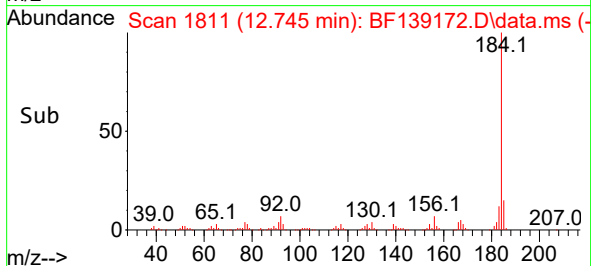
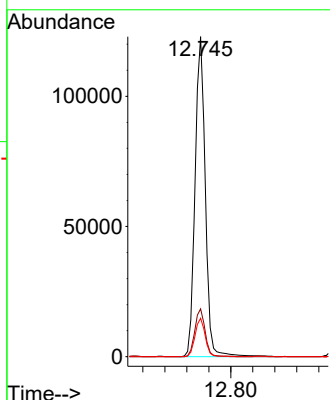
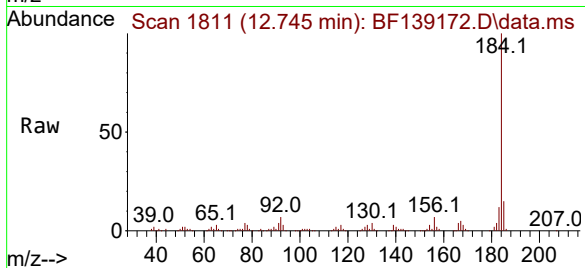
Tgt Ion:184 Resp: 158746

Ion Ratio Lower Upper

184 100

185 15.0 12.1 18.1

183 12.0 9.4 14.0



#78

Pyrene

Concen: 43.508 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

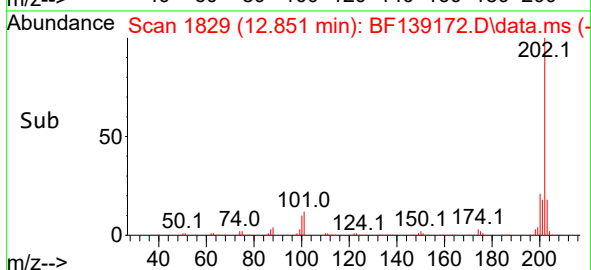
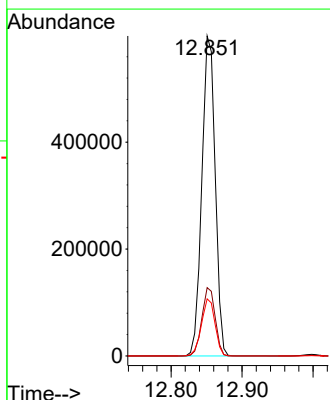
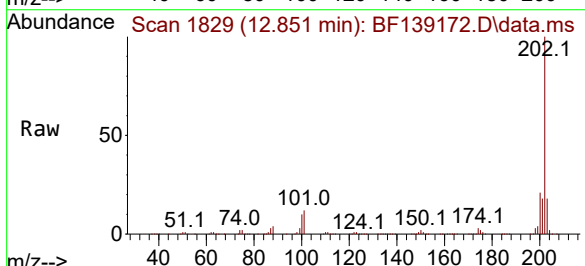
Tgt Ion:202 Resp: 784703

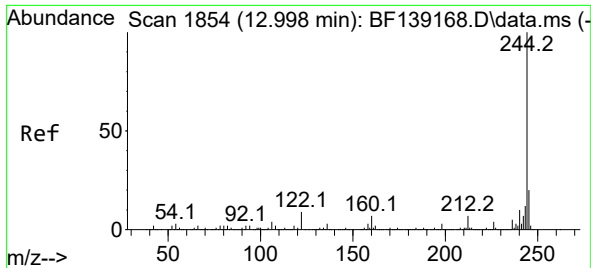
Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

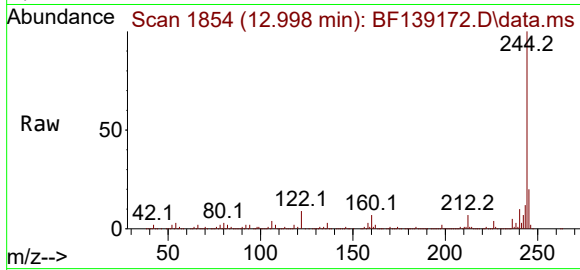
203 17.8 14.1 21.1





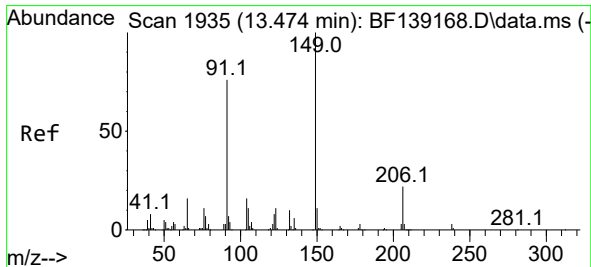
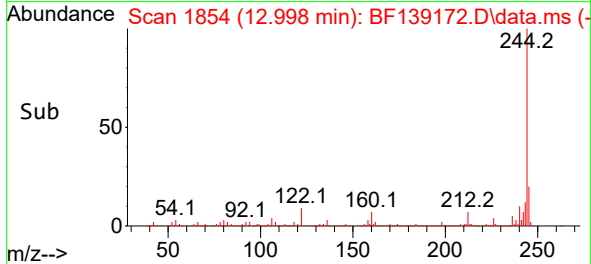
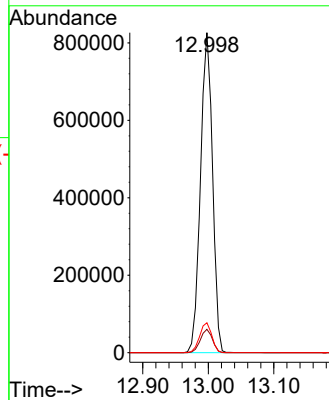
#79
 Terphenyl-d14
 Concen: 85.758 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF139172.D
 Acq: 26 Aug 2024 20:09

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082724



Tgt Ion:244 Resp: 1055290

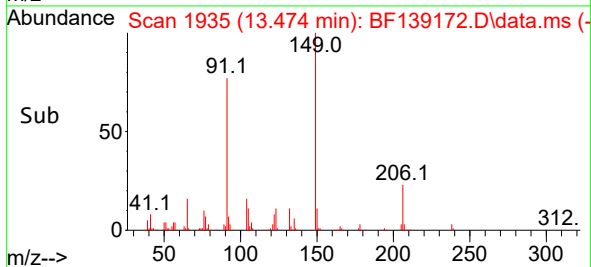
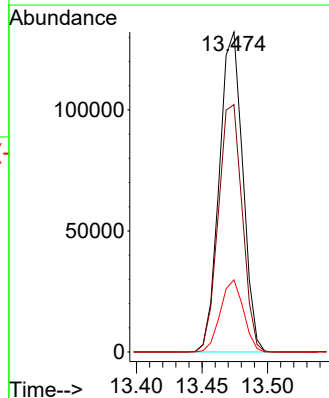
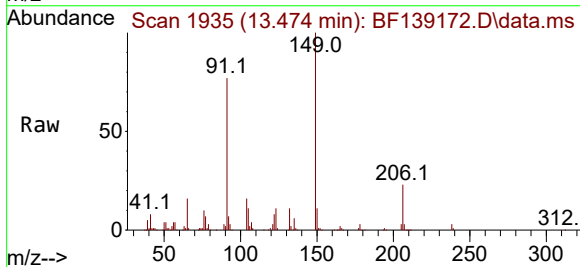
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.3	7.6	11.4

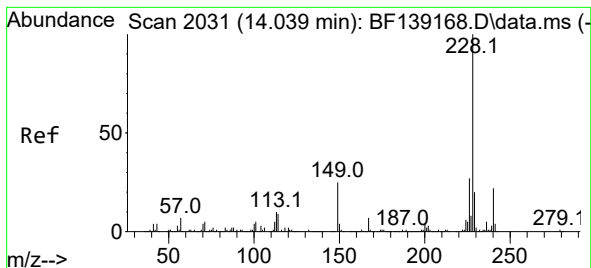


#80
 Butylbenzylphthalate
 Concen: 44.630 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139172.D
 Acq: 26 Aug 2024 20:09

Tgt Ion:149 Resp: 164083

Ion	Ratio	Lower	Upper
149	100		
91	77.3	60.9	91.3
206	22.5	17.7	26.5





#81

Benzo(a)anthracene

Concen: 41.599 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724

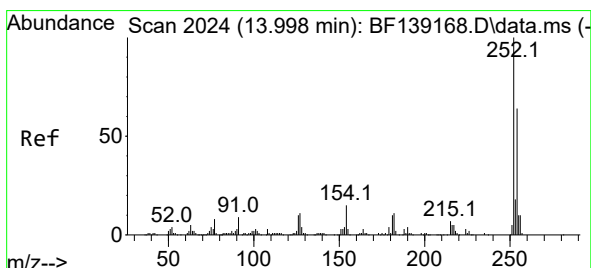
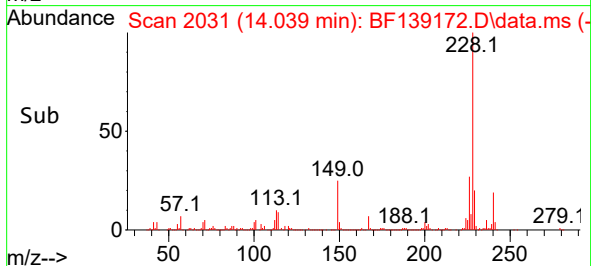
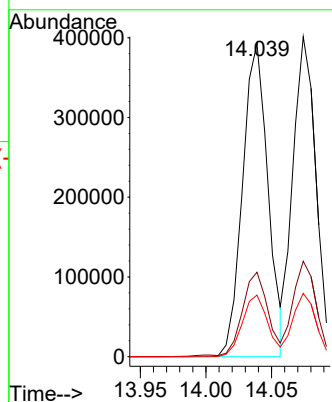
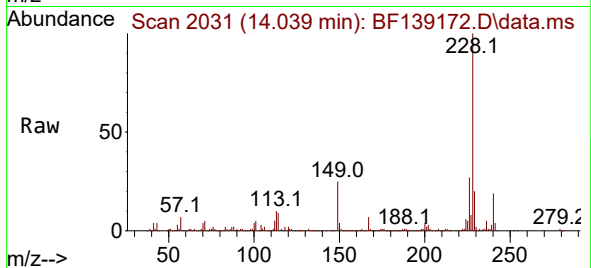
Tgt Ion:228 Resp: 529216

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 47.413 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

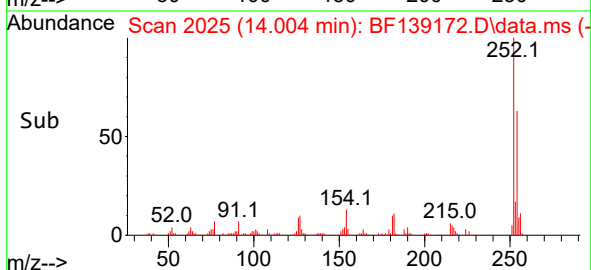
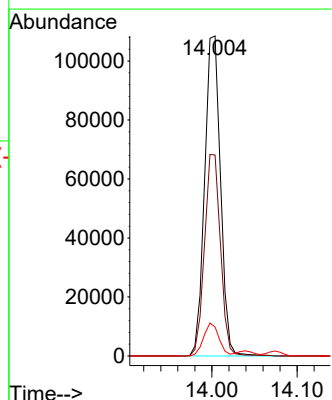
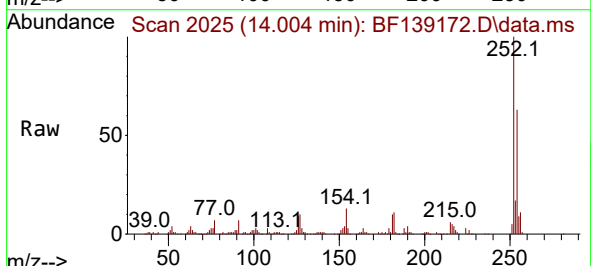
Tgt Ion:252 Resp: 140438

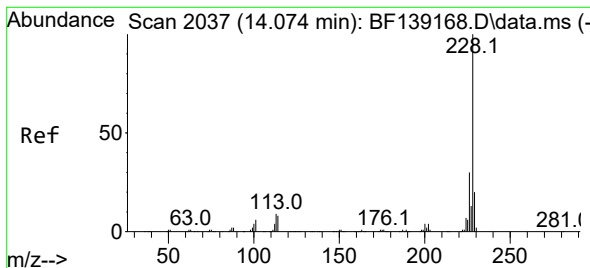
Ion Ratio Lower Upper

252 100

254 62.8 51.4 77.0

126 9.1 8.2 12.2





#83

Chrysene

Concen: 42.507 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724

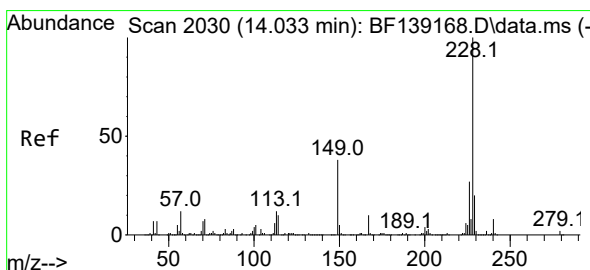
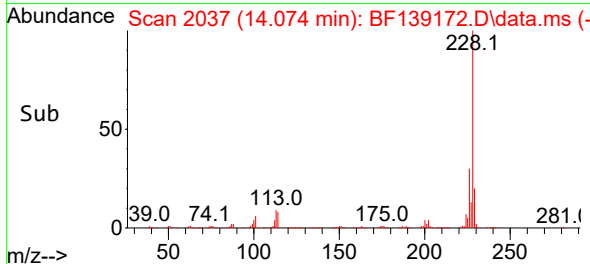
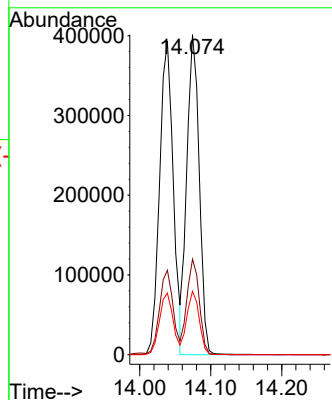
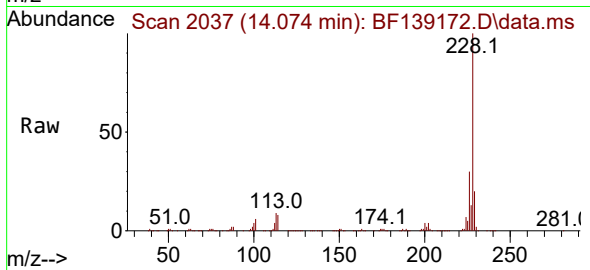
Tgt Ion:228 Resp: 487805

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.138 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

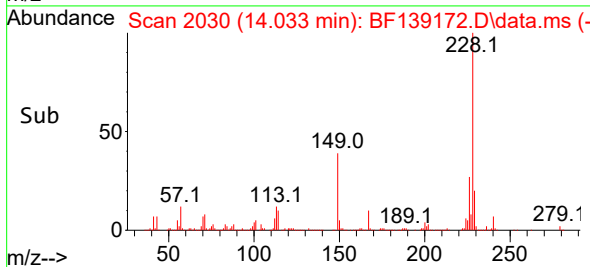
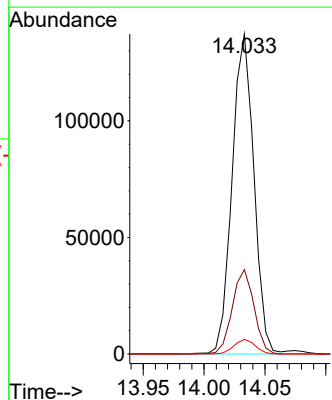
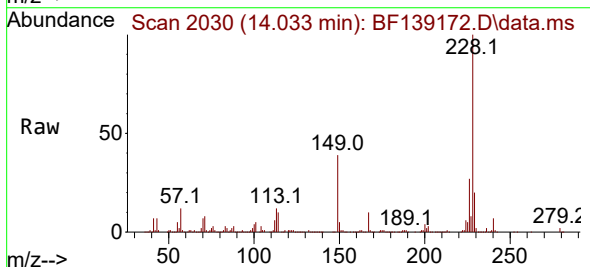
Tgt Ion:149 Resp: 170903

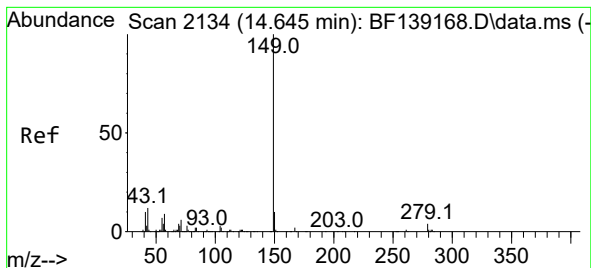
Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

279 4.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 42.425 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724

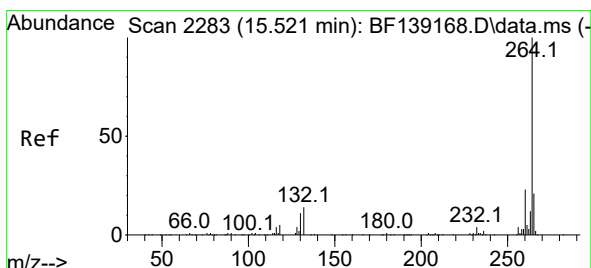
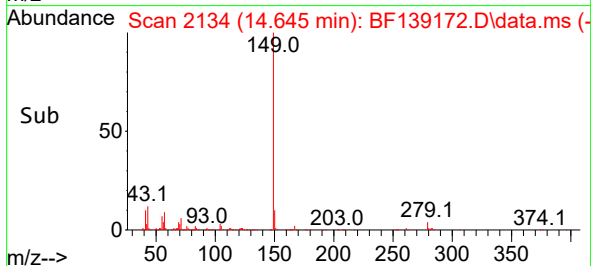
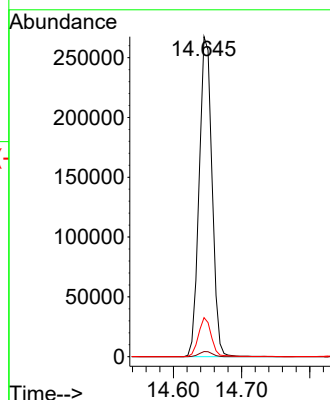
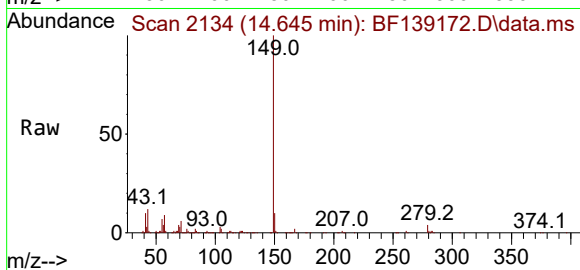
Tgt Ion:149 Resp: 349841

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.3 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

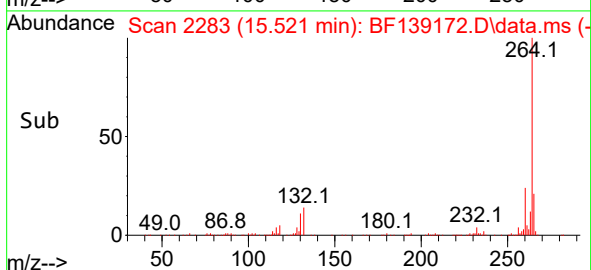
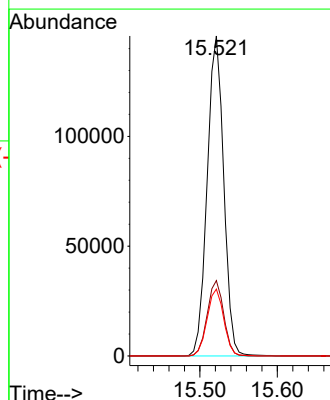
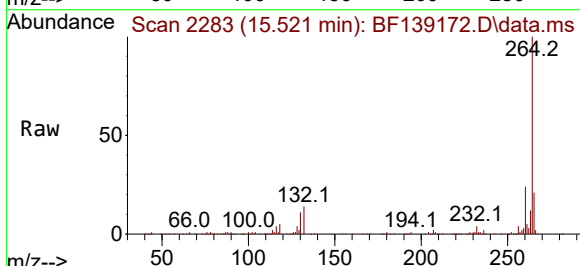
Tgt Ion:264 Resp: 215962

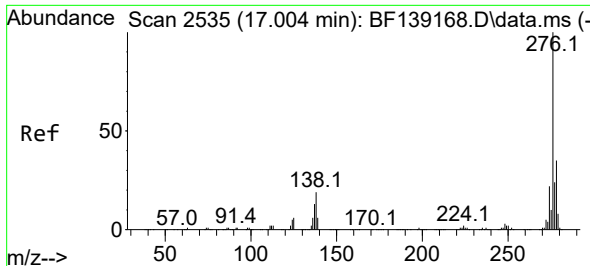
Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 20.9 17.0 25.6

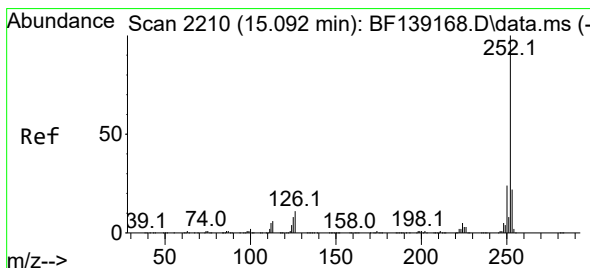
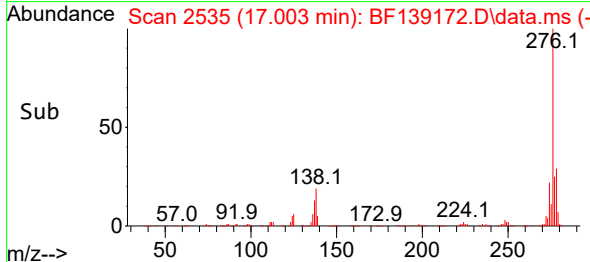
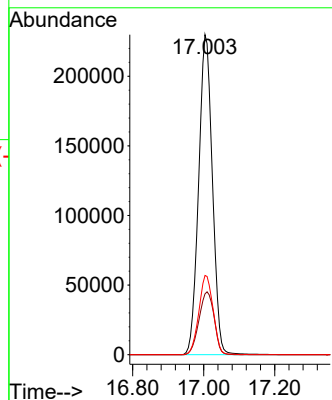
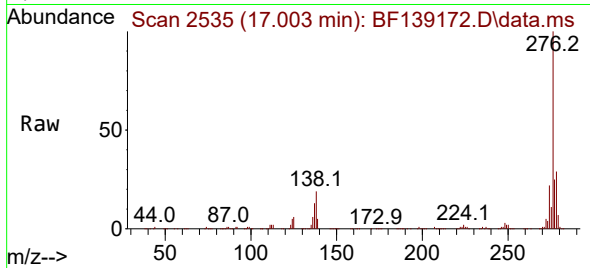




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.956 ng
RT: 17.003 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

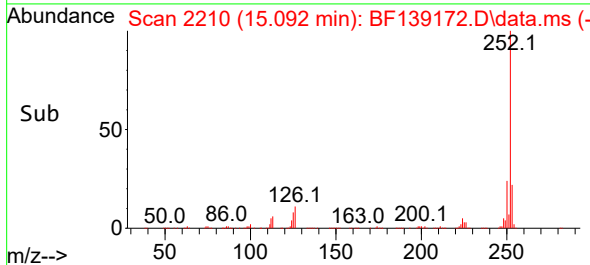
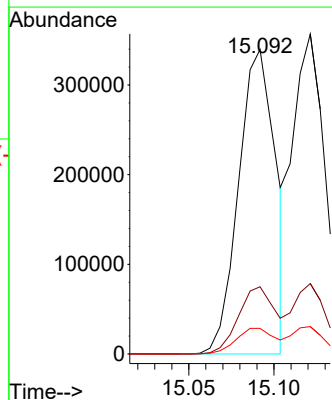
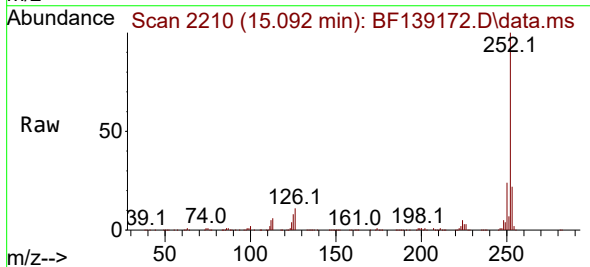
Instrument :
BNA_F
ClientSampleId :
ICVBF082724

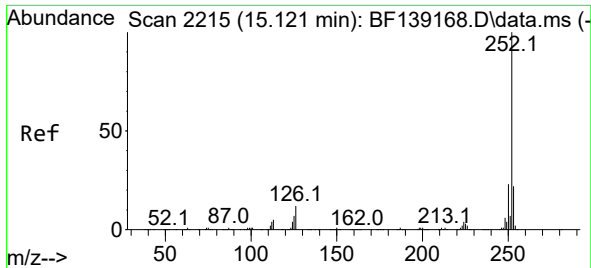
Tgt Ion:276 Resp: 619553
Ion Ratio Lower Upper
276 100
138 21.5 17.4 26.2
277 25.7 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 40.362 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:252 Resp: 509901
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 41.598 ng

RT: 15.121 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

Instrument :

BNA_F

ClientSampleId :

ICVBF082724

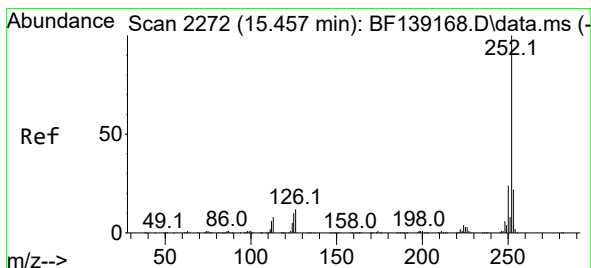
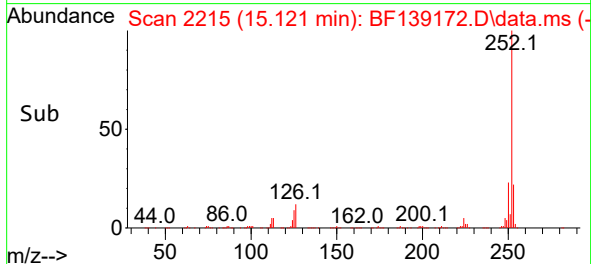
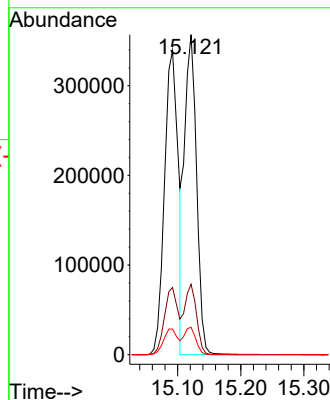
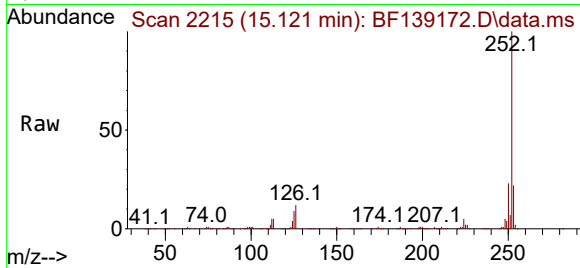
Tgt Ion:252 Resp: 475115

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.5 6.5 9.7



#90

Benzo(a)pyrene

Concen: 42.250 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF139172.D

Acq: 26 Aug 2024 20:09

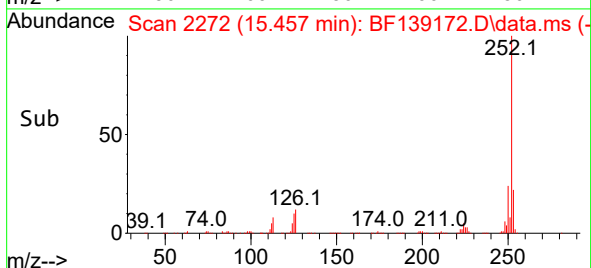
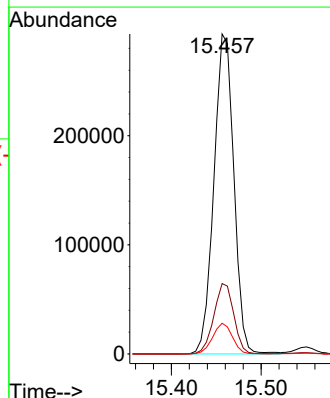
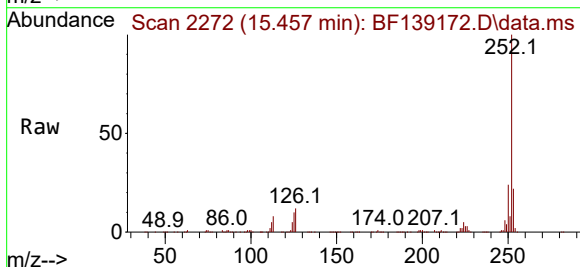
Tgt Ion:252 Resp: 453055

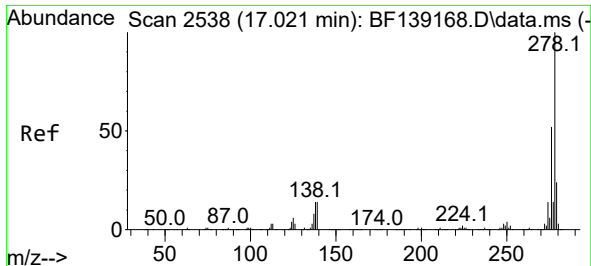
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.6 7.8 11.6

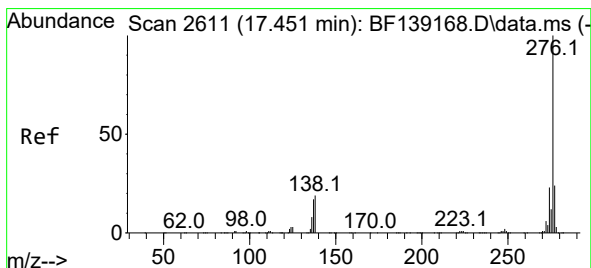
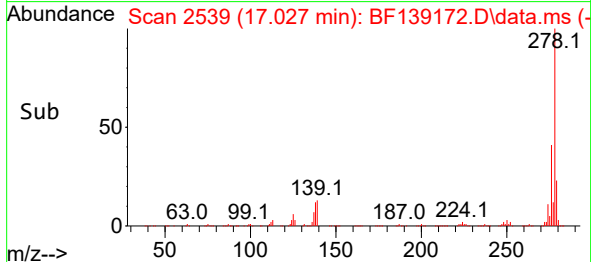
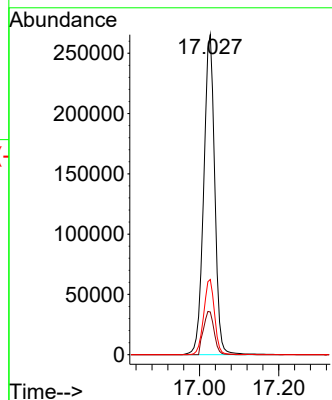
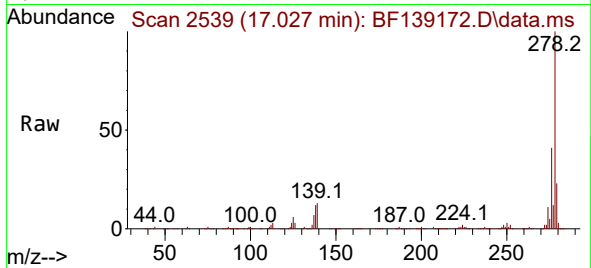




#91
Dibenzo(a,h)anthracene
Concen: 42.348 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Instrument :
BNA_F
ClientSampleId :
ICVBF082724

Tgt Ion:278 Resp: 512546
Ion Ratio Lower Upper
278 100
139 13.4 11.2 16.8
279 23.5 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 41.918 ng
RT: 17.456 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF139172.D
Acq: 26 Aug 2024 20:09

Tgt Ion:276 Resp: 524768
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 18.7 15.0 22.6

