

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136638.D
 Acq On : 19 Dec 2023 19:15
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121923

Quant Time: Dec 20 04:18:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 04:16:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	67693	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	270970	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	144125	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	274066	20.000	ng	0.00
76) Chrysene-d12	13.968	240	145609	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	128291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	358940	82.325	ng	0.00
7) Phenol-d6	6.440	99	455553	81.636	ng	0.00
23) Nitrobenzene-d5	7.357	82	429747	82.357	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	136030	80.939	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	852152	80.781	ng	0.00
79) Terphenyl-d14	12.916	244	862850	83.445	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	71851	40.149	ng	95
3) Pyridine	3.316	79	182939	41.588	ng	98
4) n-Nitrosodimethylamine	3.281	42	100040	42.172	ng	94
6) Aniline	6.463	93	231441	41.685	ng	# 75
8) 2-Chlorophenol	6.587	128	197072	41.342	ng	95
9) Benzaldehyde	6.351	77	129450	38.631	ng	97
10) Phenol	6.457	94	243942	41.007	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	184220	40.142	ng	100
12) 1,3-Dichlorobenzene	6.734	146	212616	41.106	ng	98
13) 1,4-Dichlorobenzene	6.810	146	216091	41.149	ng	99
14) 1,2-Dichlorobenzene	6.963	146	201067	41.022	ng	98
15) Benzyl Alcohol	6.940	79	161715	41.618	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	309238	41.190	ng	95
17) 2-Methylphenol	7.057	107	158518	40.866	ng	98
18) Hexachloroethane	7.298	117	79237	41.549	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	139815	40.411	ng	97
20) 3+4-Methylphenols	7.210	107	199020	40.745	ng	# 88
22) Acetophenone	7.204	105	273871	40.399	ng	# 97
24) Nitrobenzene	7.381	77	220687	41.661	ng	97
25) Isophorone	7.616	82	393189	40.394	ng	99
26) 2-Nitrophenol	7.692	139	106376	42.381	ng	95
27) 2,4-Dimethylphenol	7.734	122	126066	39.989	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	238970	40.564	ng	98
29) 2,4-Dichlorophenol	7.934	162	163794	41.913	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	183180	41.656	ng	97
31) Naphthalene	8.092	128	602026	40.662	ng	99
32) Benzoic acid	7.863	122	105683	36.142	ng	98
33) 4-Chloroaniline	8.145	127	220852	40.080	ng	98
34) Hexachlorobutadiene	8.210	225	109534	40.743	ng	99
35) Caprolactam	8.522	113	53534	40.971	ng	98
36) 4-Chloro-3-methylphenol	8.634	107	182222	40.962	ng	98
37) 2-Methylnaphthalene	8.786	142	384938	40.459	ng	100
38) 1-Methylnaphthalene	8.881	142	376390	40.145	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	180620	41.297	ng	100
41) Hexachlorocyclopentadiene	8.934	237	52955	38.895	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	117754	41.054	ng	100

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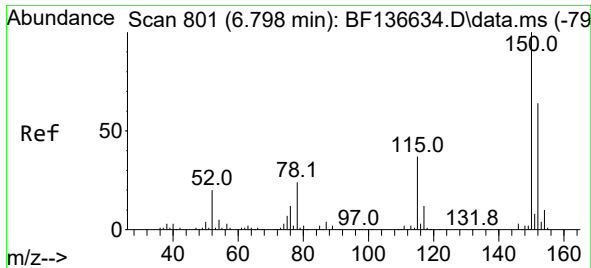
Quant Time: Dec 20 04:18:03 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	127438	40.304	ng	95
46) 1,1'-Biphenyl	9.251	154	487173	40.434	ng	98
47) 2-Chloronaphthalene	9.275	162	367861	40.431	ng	98
48) 2-Nitroaniline	9.375	65	119293	41.466	ng	97
49) Acenaphthylene	9.692	152	570525	40.831	ng	100
50) Dimethylphthalate	9.557	163	424368	41.060	ng	98
51) 2,6-Dinitrotoluene	9.616	165	97466	41.385	ng	97
52) Acenaphthene	9.863	154	349949	40.504	ng	97
53) 3-Nitroaniline	9.786	138	102790	40.623	ng	93
54) 2,4-Dinitrophenol	9.898	184	51669	43.014	ng	94
55) Dibenzofuran	10.033	168	527114	40.466	ng	98
56) 4-Nitrophenol	9.957	139	72904	42.245	ng	93
57) 2,4-Dinitrotoluene	10.022	165	125668	41.442	ng	95
58) Fluorene	10.380	166	411802	39.826	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	99981	40.618	ng	98
60) Diethylphthalate	10.257	149	435080	40.484	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	201474	40.457	ng	96
62) 4-Nitroaniline	10.404	138	102607	40.987	ng	97
63) Azobenzene	10.533	77	409957	40.831	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	68561	42.369	ng	85
66) n-Nitrosodiphenylamine	10.492	169	366967	40.744	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	124121	40.521	ng	94
68) Hexachlorobenzene	10.928	284	140538	41.119	ng	94
69) Atrazine	11.022	200	71861	33.579	ng	98
70) Pentachlorophenol	11.122	266	69526	41.852	ng	100
71) Phenanthrene	11.345	178	570731	40.317	ng	99
72) Anthracene	11.398	178	571500	39.932	ng	100
73) Carbazole	11.557	167	543172	40.513	ng	99
74) Di-n-butylphthalate	11.886	149	671405	40.986	ng	100
75) Fluoranthene	12.533	202	605585	40.143	ng	99
77) Benzidine	12.663	184	140840	34.984	ng	97
78) Pyrene	12.769	202	597760	41.615	ng	100
80) Butylbenzylphthalate	13.392	149	219072	42.960	ng	97
81) Benzo(a)anthracene	13.963	228	412328	40.842	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	109745	40.139	ng	96
83) Chrysene	13.998	228	403929	41.413	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	271693	42.625	ng	100
85) Di-n-octyl phthalate	14.568	149	431484	43.436	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	397331	43.558	ng	100
88) Benzo(b)fluoranthene	15.015	252	336909	39.109	ng	98
89) Benzo(k)fluoranthene	15.045	252	327961	40.706	ng	98
90) Benzo(a)pyrene	15.386	252	294549	40.459	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	328735	43.954	ng	98
92) Benzo(g,h,i)perylene	17.409	276	339255	44.083	ng	97

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

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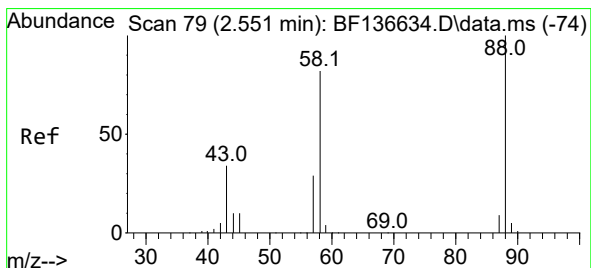
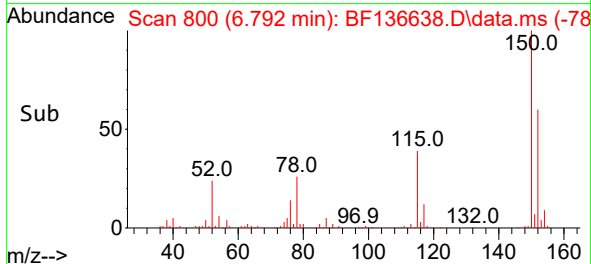
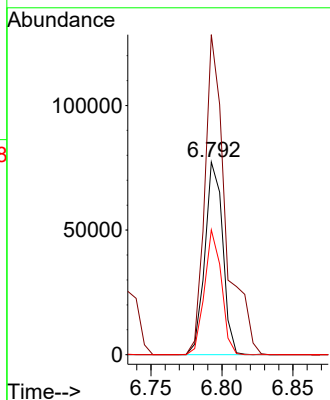
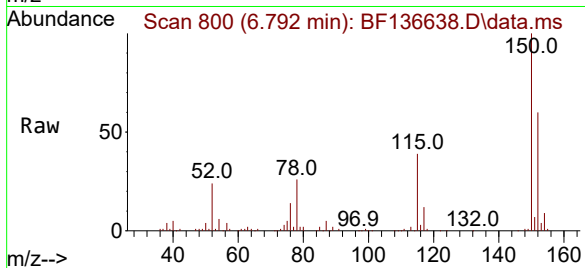




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136638.D
 Acq: 19 Dec 2023 19:15

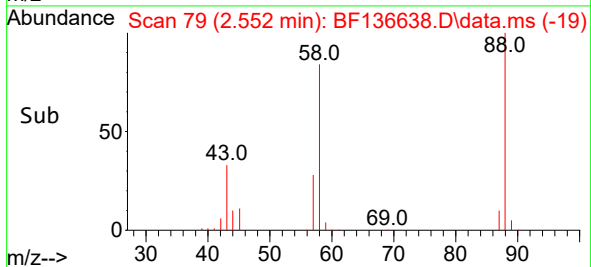
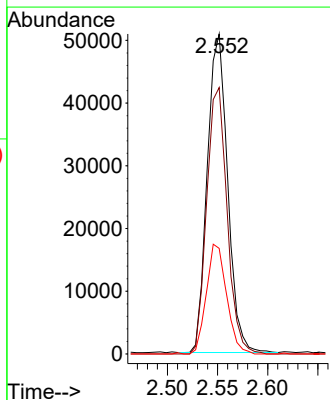
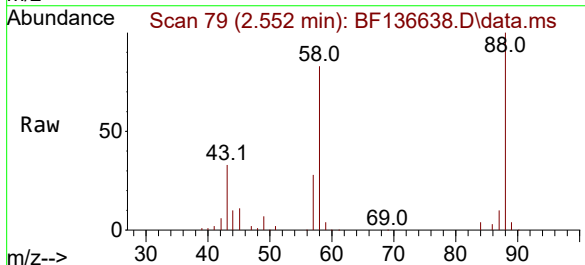
Instrument :
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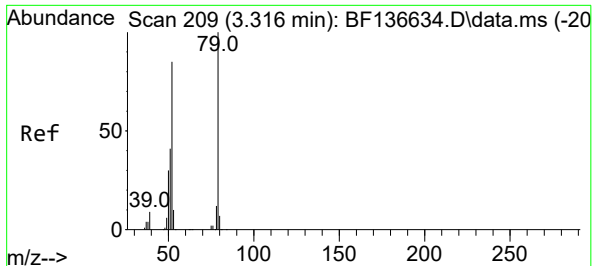
Tgt Ion:152 Resp: 67693
 Ion Ratio Lower Upper
 152 100
 150 166.1 125.3 187.9
 115 64.8 46.4 69.6



#2
 1,4-Dioxane
 Concen: 40.149 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF136638.D
 Acq: 19 Dec 2023 19:15

Tgt Ion: 88 Resp: 71851
 Ion Ratio Lower Upper
 88 100
 58 83.9 63.3 94.9
 43 34.4 26.4 39.6

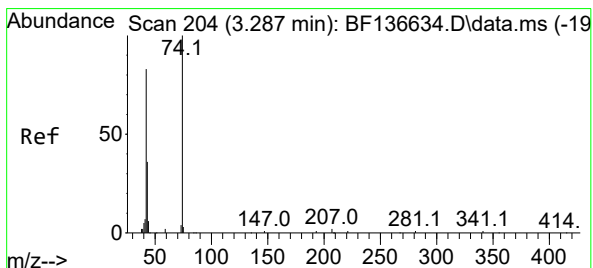
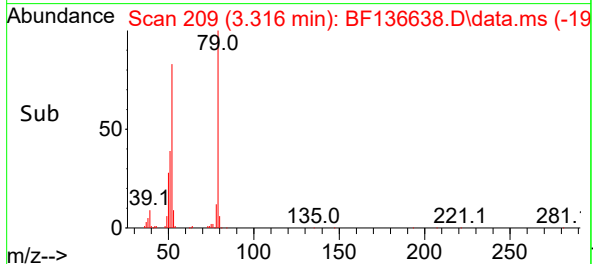
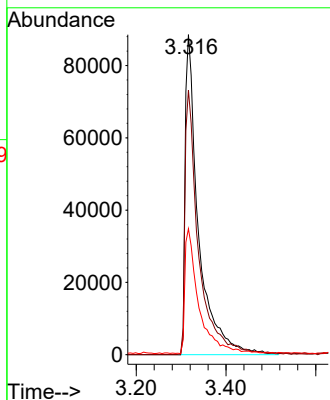
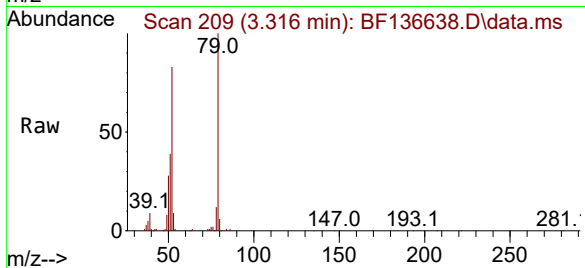




#3
Pyridine
Concen: 41.588 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

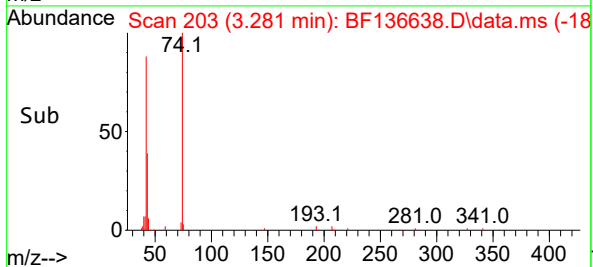
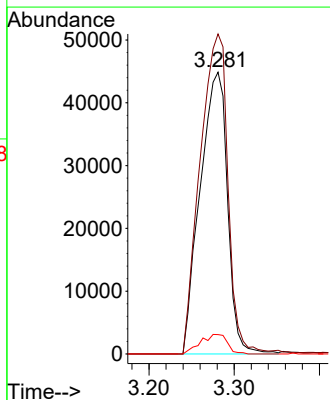
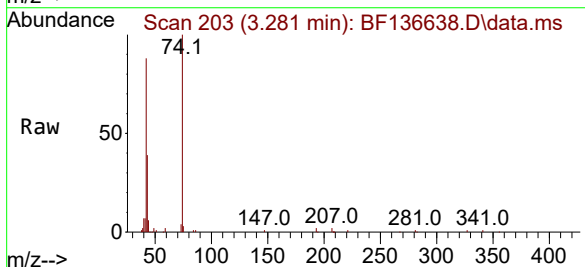
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BNA_F
ClientSampleId :
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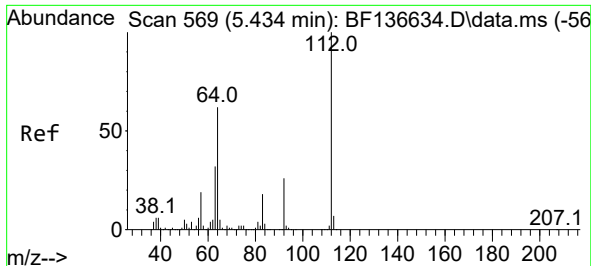
Tgt Ion: 79 Resp: 182939
Ion Ratio Lower Upper
79 100
52 82.7 67.6 101.4
51 39.4 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 42.172 ng
RT: 3.281 min Scan# 203
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion: 42 Resp: 100040
Ion Ratio Lower Upper
42 100
74 113.6 96.2 144.4
44 6.9 5.7 8.5

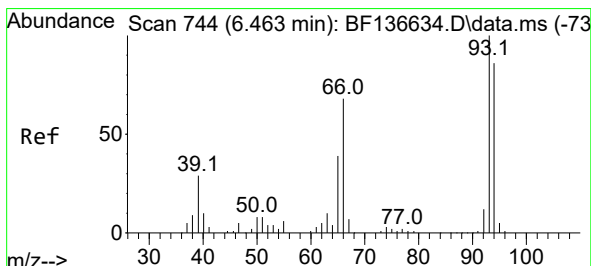
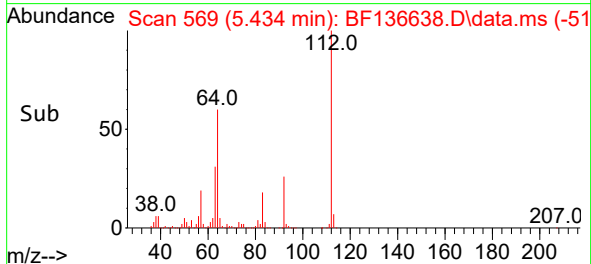
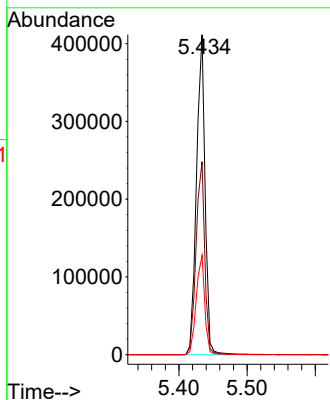
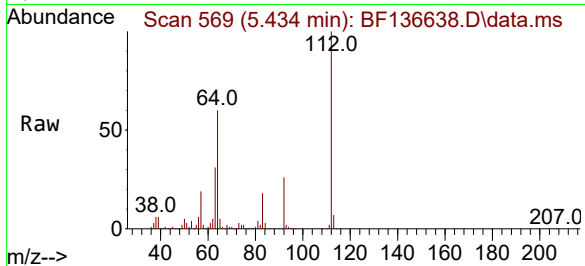




#5
2-Fluorophenol
Concen: 82.325 ng
RT: 5.434 min Scan# 509
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

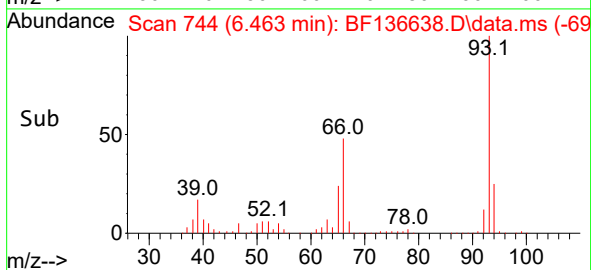
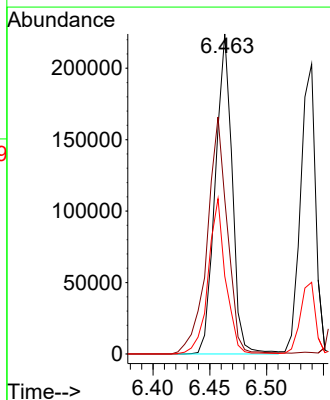
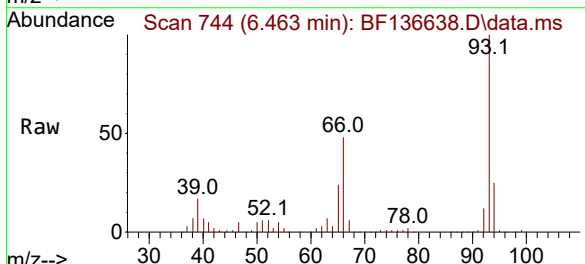
Instrument :
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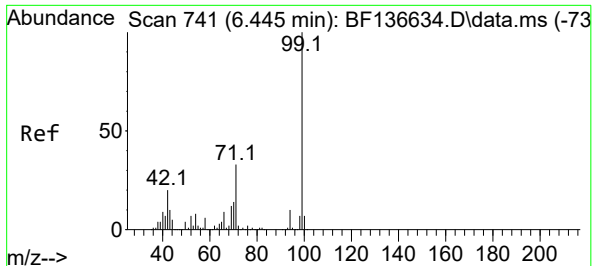
Tgt Ion:112 Resp: 358940
Ion Ratio Lower Upper
112 100
64 60.3 49.7 74.5
63 31.0 25.8 38.6



#6
Aniline
Concen: 41.685 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion: 93 Resp: 231441
Ion Ratio Lower Upper
93 100
66 48.3 55.5 83.3#
65 24.3 31.5 47.3#

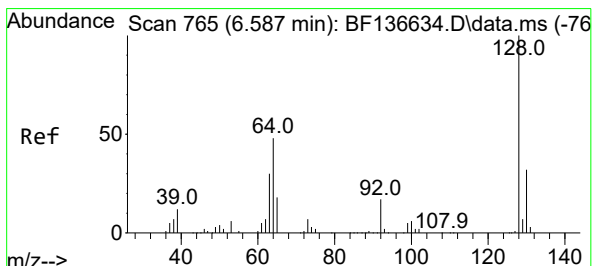
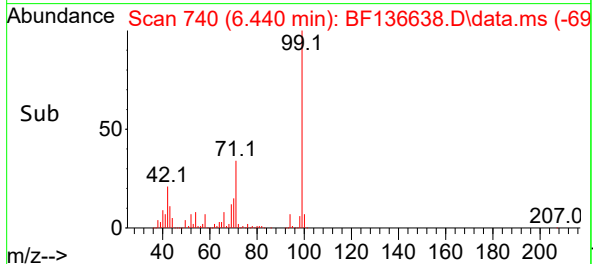
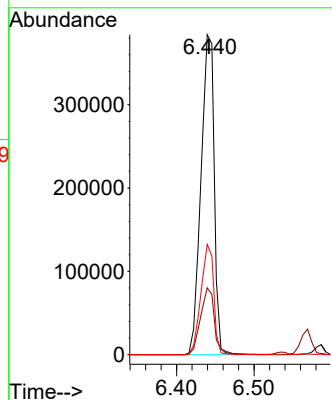
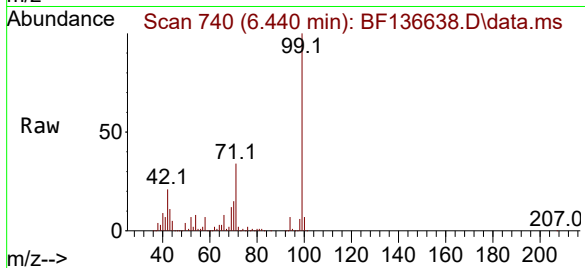




#7
Phenol-d6
Concen: 81.636 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

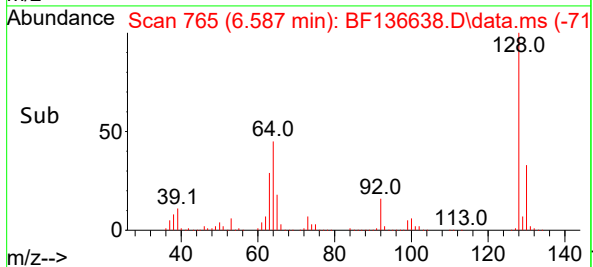
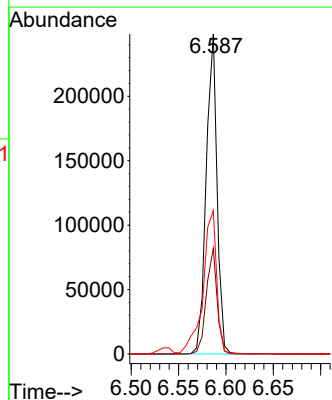
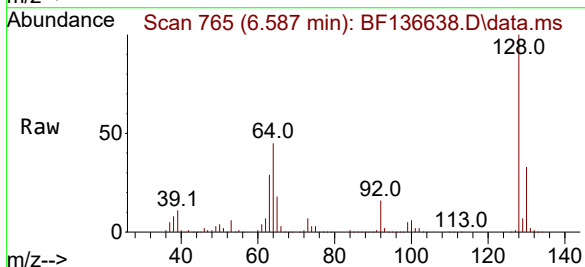
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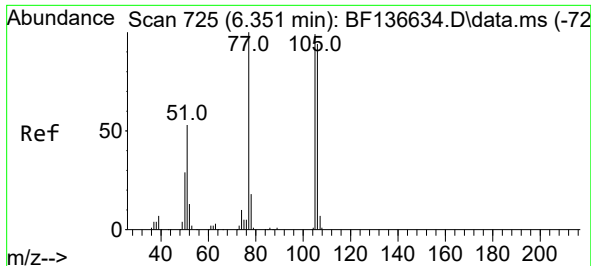
Tgt Ion: 99 Resp: 455553
Ion Ratio Lower Upper
99 100
42 20.9 16.2 24.4
71 34.4 26.6 39.8



#8
2-Chlorophenol
Concen: 41.342 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion: 128 Resp: 197072
Ion Ratio Lower Upper
128 100
130 33.0 12.0 52.0
64 44.8 29.2 69.2





#9

Benzaldehyde

Concen: 38.631 ng

RT: 6.351 min Scan# 725

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

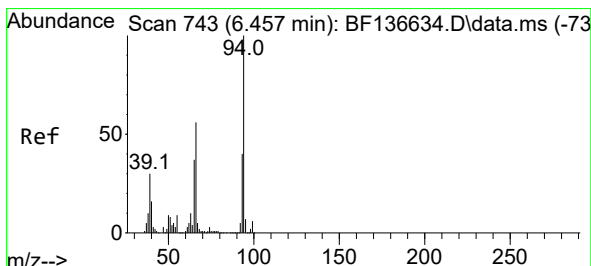
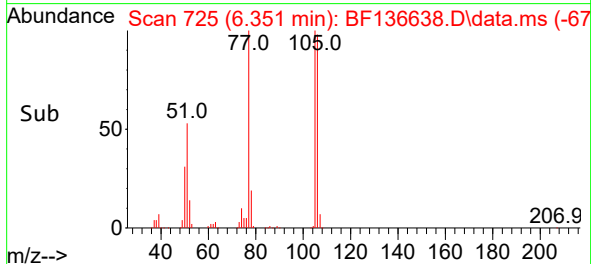
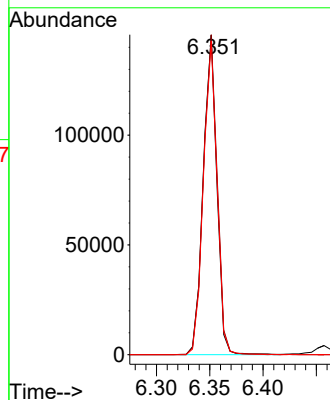
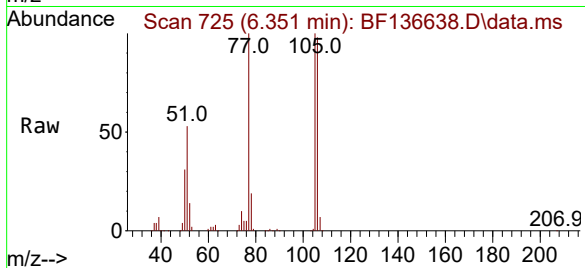
Tgt Ion: 77 Resp: 129450

Ion Ratio Lower Upper

77 100

105 100.1 79.2 119.2

106 98.2 73.6 113.6



#10

Phenol

Concen: 41.007 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

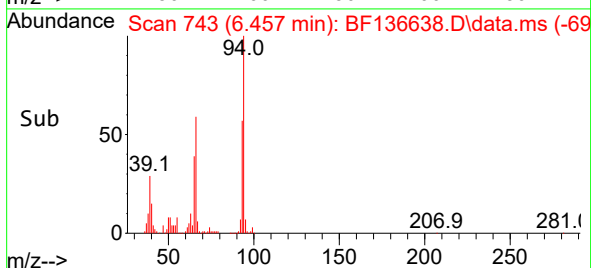
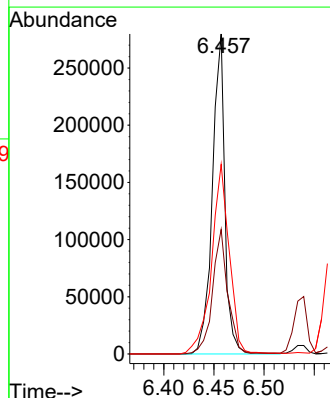
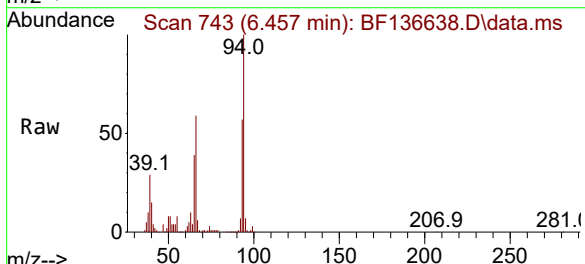
Tgt Ion: 94 Resp: 243942

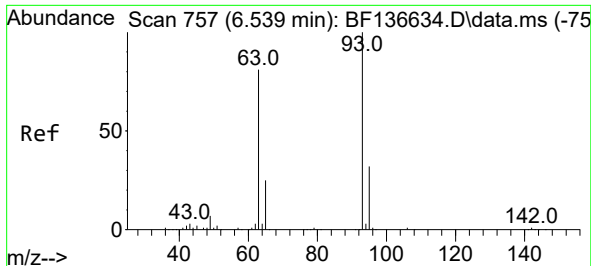
Ion Ratio Lower Upper

94 100

65 38.9 16.8 56.8

66 59.3 36.2 76.2





#11

bis(2-Chloroethyl)ether

Concen: 40.142 ng

RT: 6.540 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

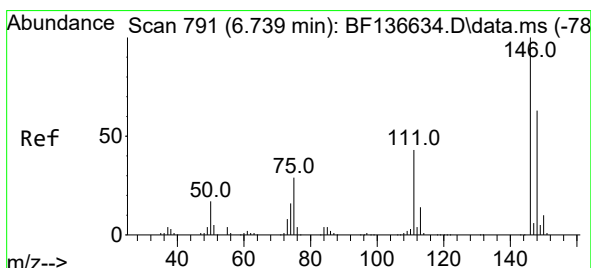
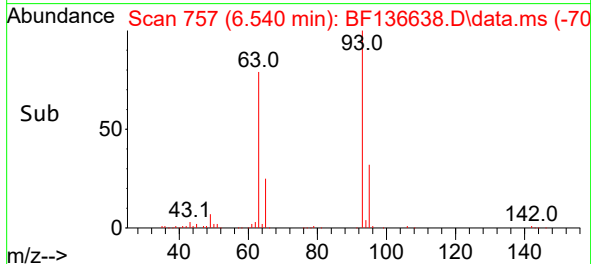
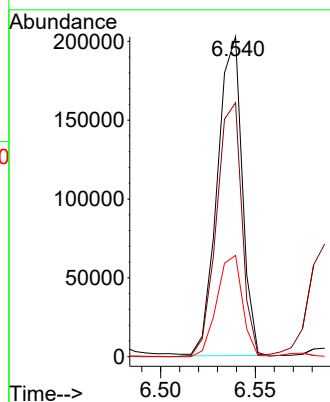
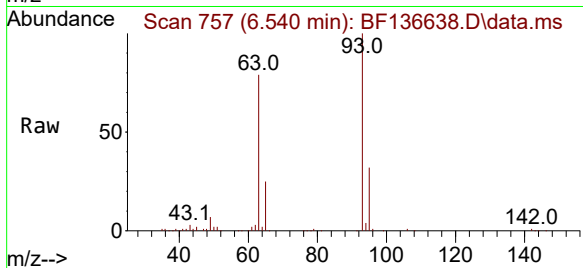
Tgt Ion: 93 Resp: 184220

Ion Ratio Lower Upper

93 100

63 79.4 59.7 99.7

95 31.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.106 ng

RT: 6.734 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

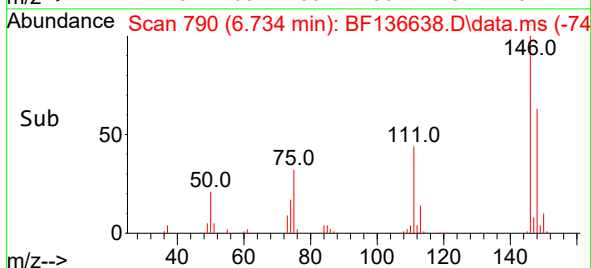
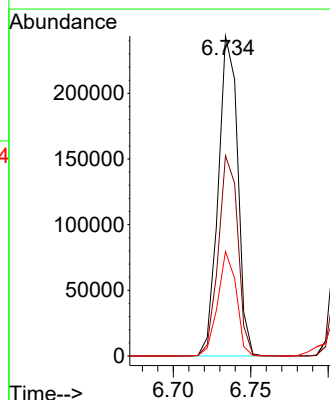
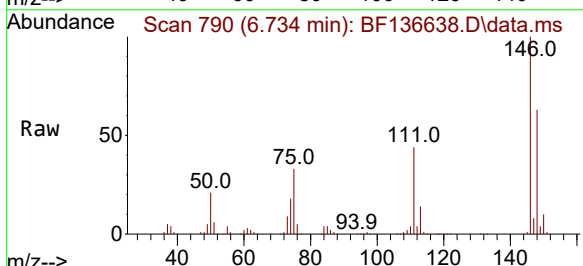
Tgt Ion:146 Resp: 212616

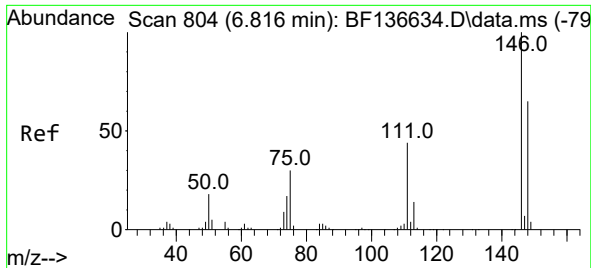
Ion Ratio Lower Upper

146 100

148 62.6 50.3 75.5

75 32.7 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 41.149 ng

RT: 6.810 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

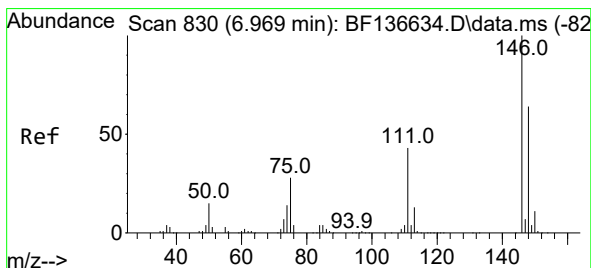
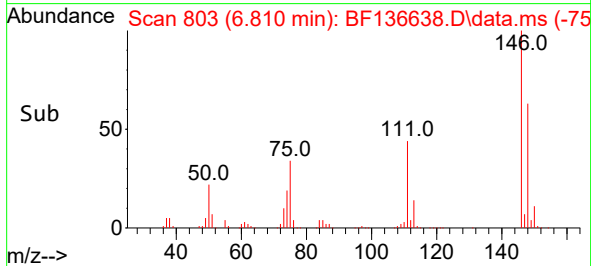
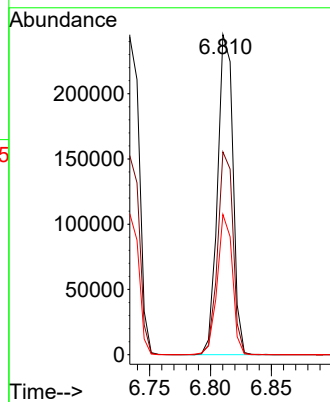
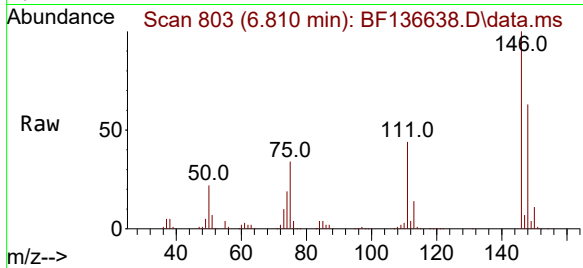
Tgt Ion:146 Resp: 216091

Ion Ratio Lower Upper

146 100

148 63.3 51.7 77.5

111 43.8 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 41.022 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

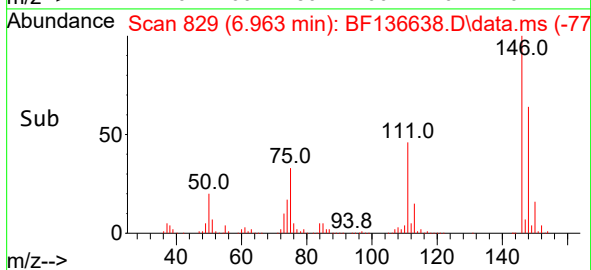
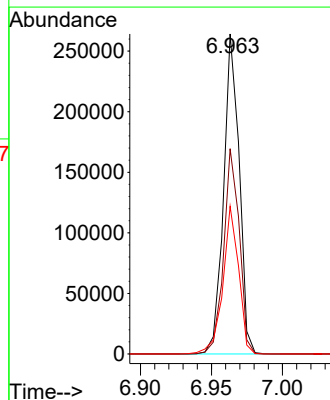
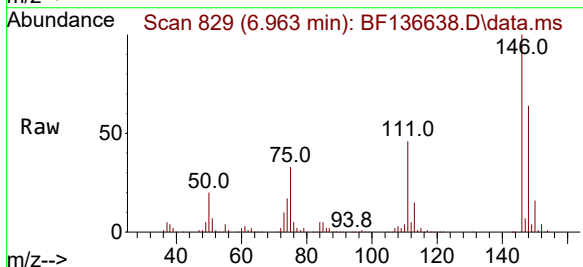
Tgt Ion:146 Resp: 201067

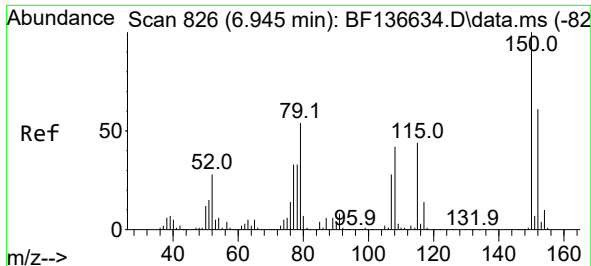
Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

111 46.2 34.5 51.7

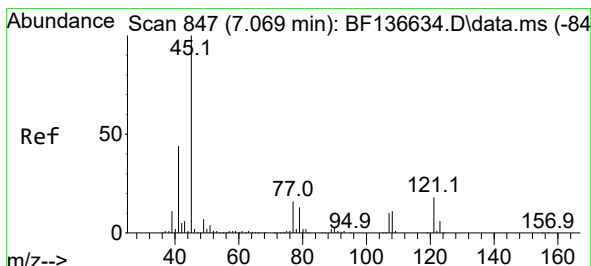
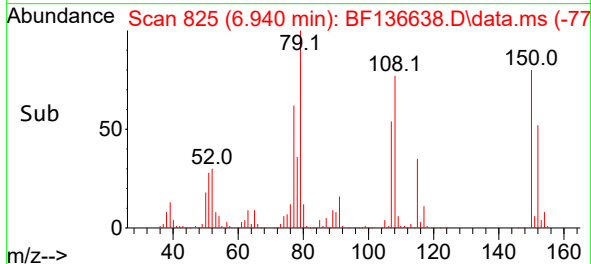
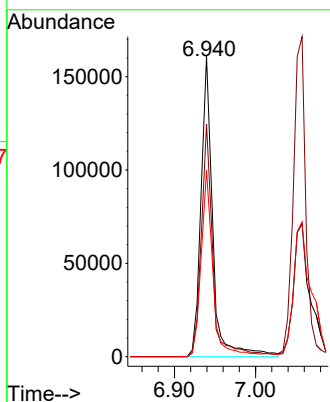
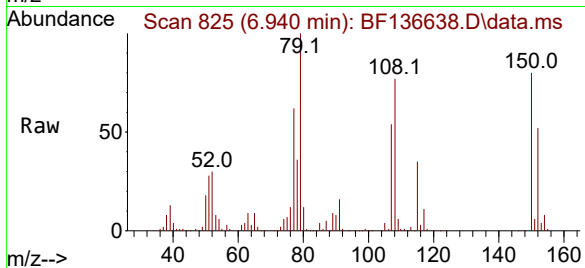




#15
Benzyl Alcohol
Concen: 41.618 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

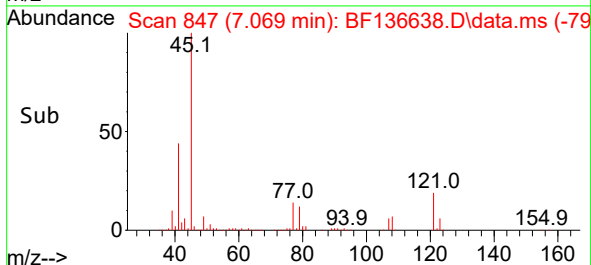
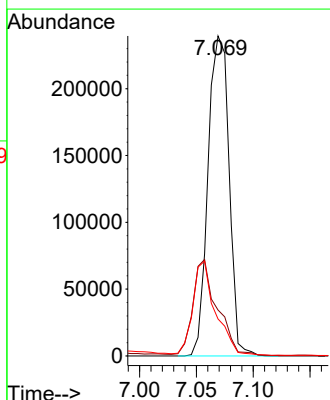
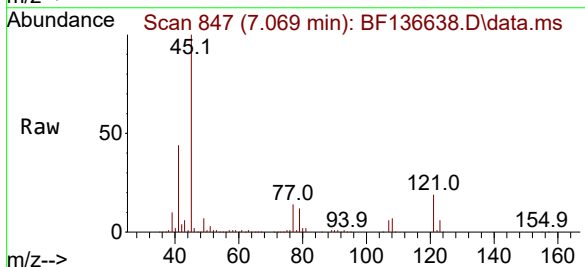
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

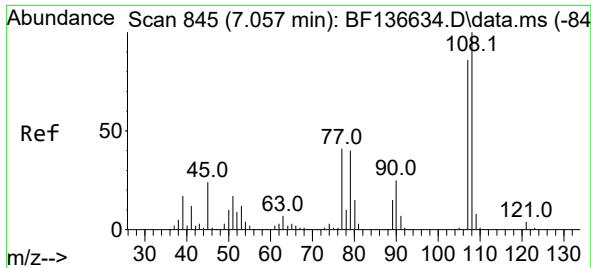
Tgt Ion: 79 Resp: 161715
Ion Ratio Lower Upper
79 100
108 77.5 62.3 93.5
77 62.1 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.190 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion: 45 Resp: 309238
Ion Ratio Lower Upper
45 100
77 14.3 0.0 36.5
79 11.6 0.0 33.7

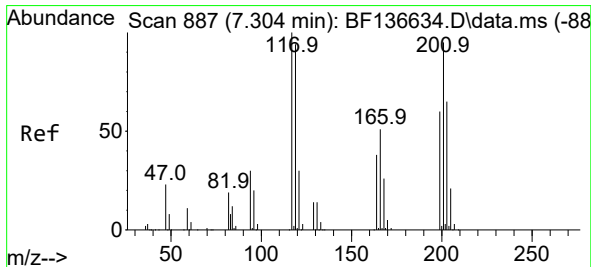
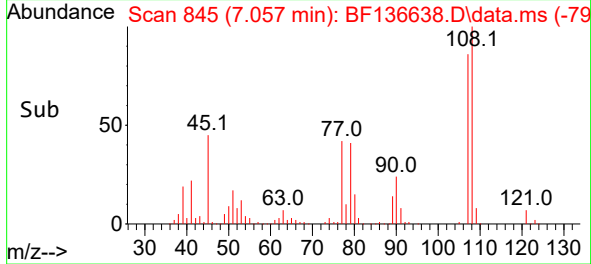
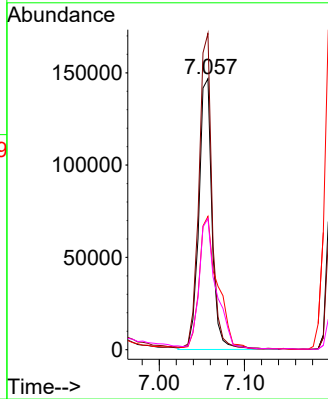
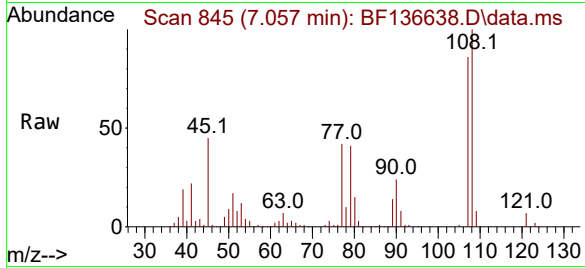




#17
2-Methylphenol
Concen: 40.866 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

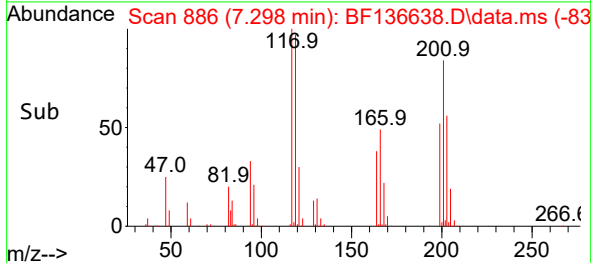
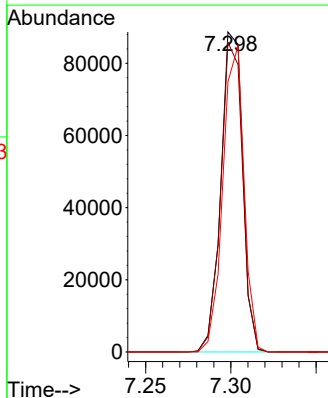
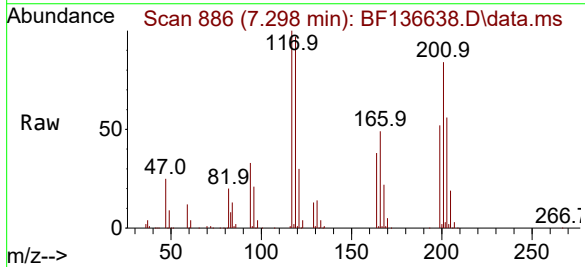
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

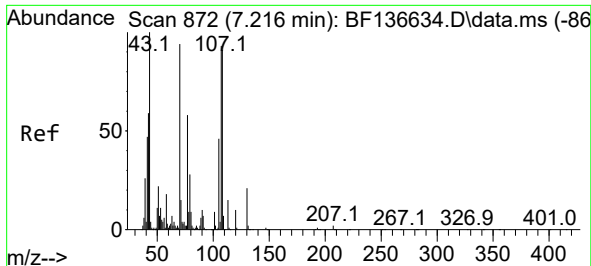
Tgt Ion:	107	Resp:	158518
Ion Ratio	Lower	Upper	
107	100		
108	116.7	92.6	139.0
77	49.2	37.9	56.9
79	48.4	37.4	56.2



#18
Hexachloroethane
Concen: 41.549 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:	117	Resp:	79237
Ion Ratio	Lower	Upper	
117	100		
119	96.7	75.6	113.4
201	84.5	75.7	113.5



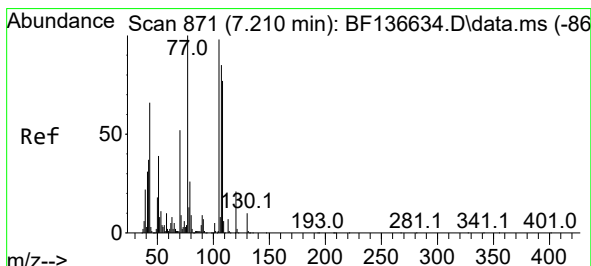
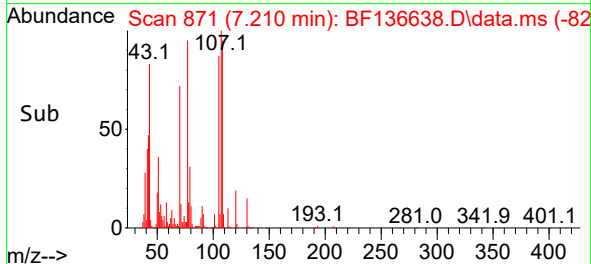
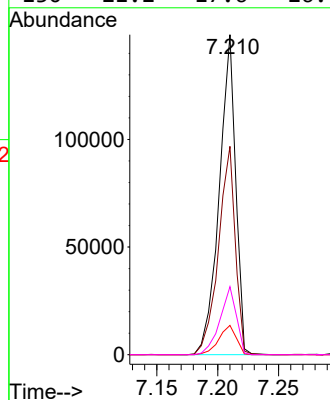
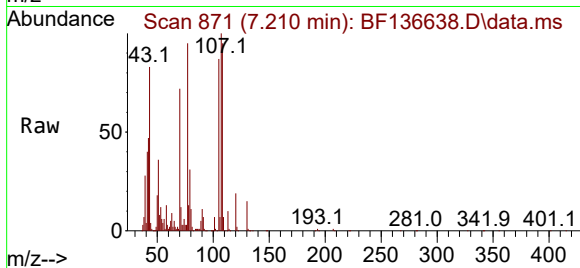


#19
n-Nitroso-di-n-propylamine
Concen: 40.411 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :
BNA_F
ClientSampleId :
ICVBF121923

Tgt Ion: 70 Resp: 139815

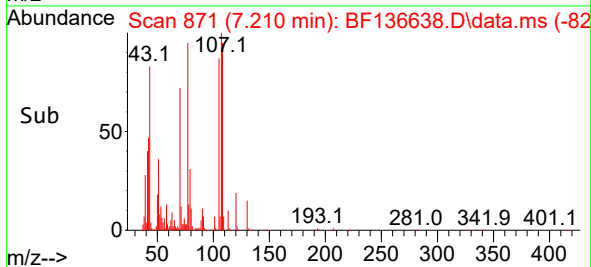
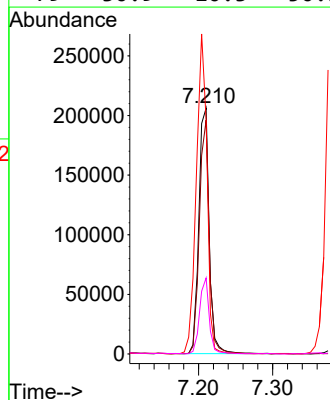
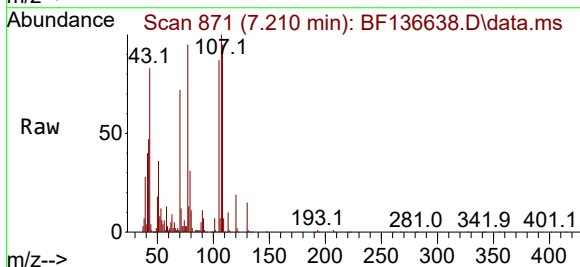
Ion	Ratio	Lower	Upper
70	100		
42	65.1	50.1	75.1
101	9.1	8.1	12.1
130	21.2	17.6	26.4

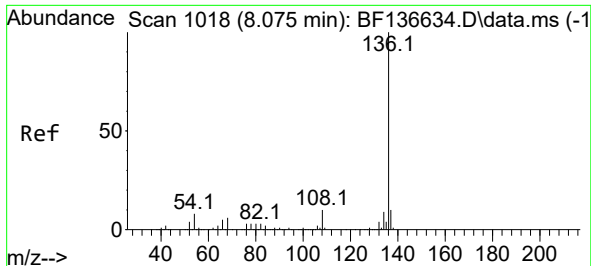


#20
3+4-Methylphenols
Concen: 40.745 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion: 107 Resp: 199020

Ion	Ratio	Lower	Upper
107	100		
108	95.2	70.4	110.4
77	95.1	97.1	137.1#
79	30.9	10.3	50.3





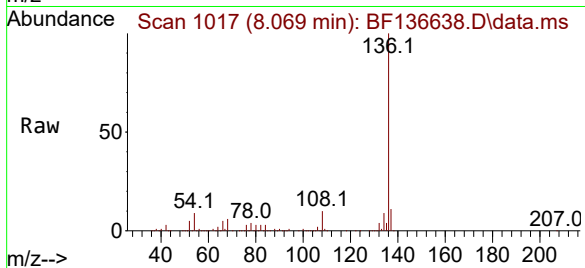
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

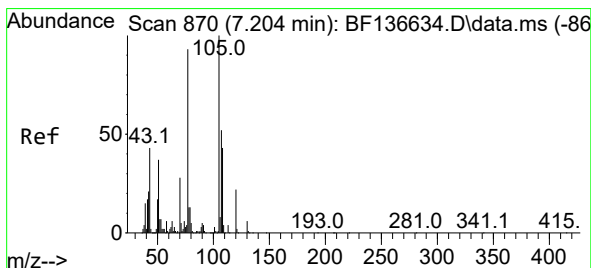
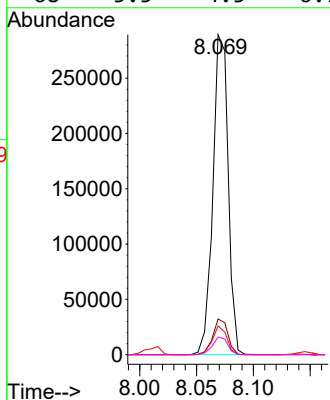
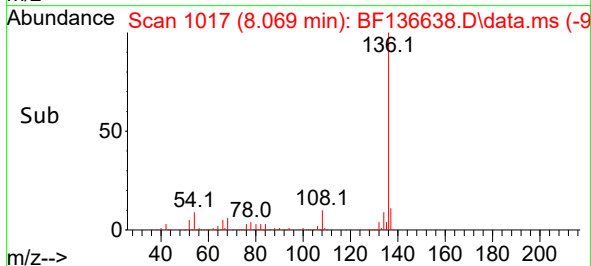
BNA_F

ClientSampleId :

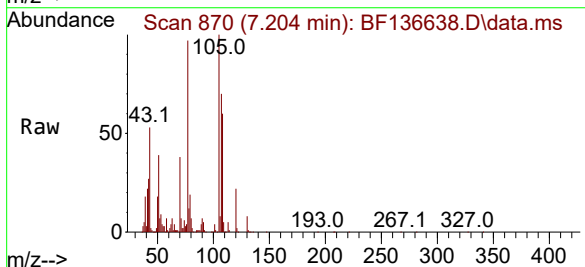
ICVBF121923



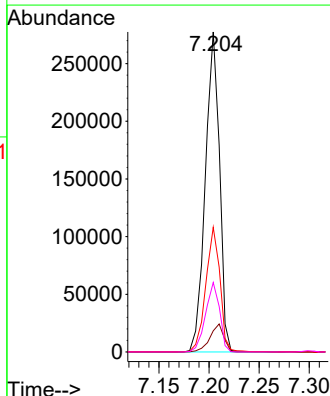
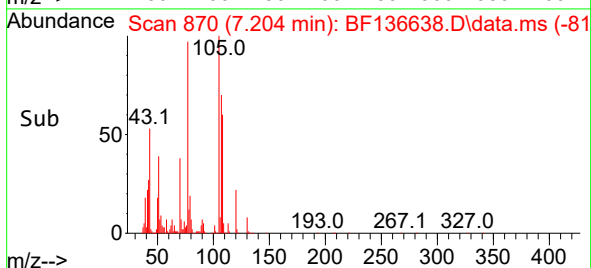
Tgt Ion:136 Resp: 270970
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 9.0 6.4 9.6
68 5.5 4.5 6.7

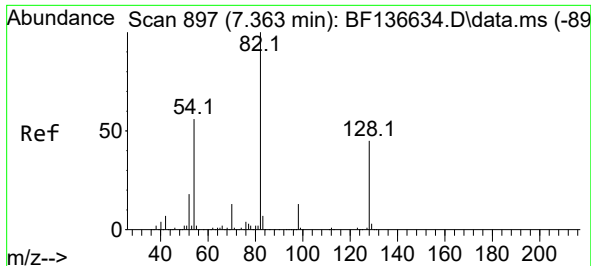


#22
Acetophenone
Concen: 40.399 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



Tgt Ion:105 Resp: 273871
Ion Ratio Lower Upper
105 100
71 6.6 3.8 5.6#
51 39.0 29.8 44.6
120 21.7 17.8 26.8





#23

Nitrobenzene-d5

Concen: 82.357 ng

RT: 7.357 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

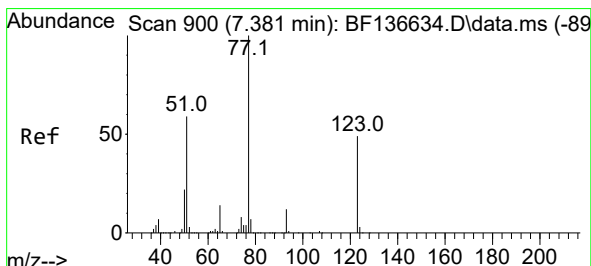
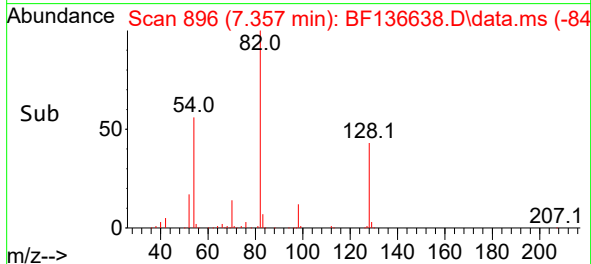
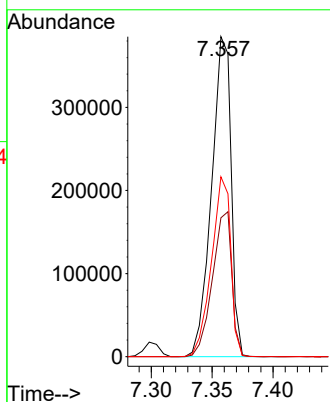
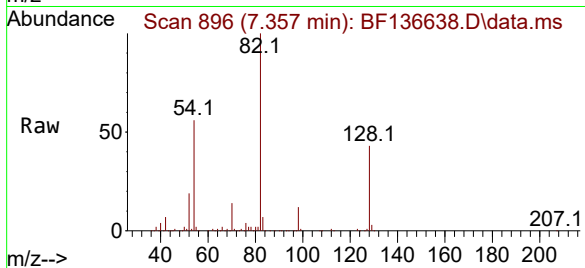
Tgt Ion: 82 Resp: 429747

Ion Ratio Lower Upper

82 100

128 43.4 35.7 53.5

54 56.2 44.5 66.7



#24

Nitrobenzene

Concen: 41.661 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

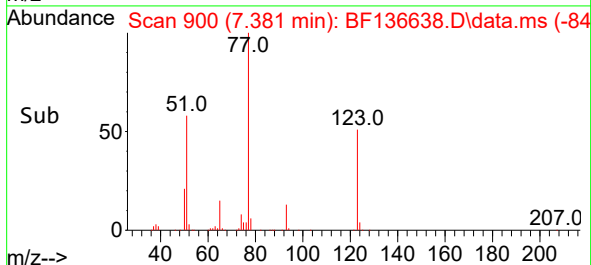
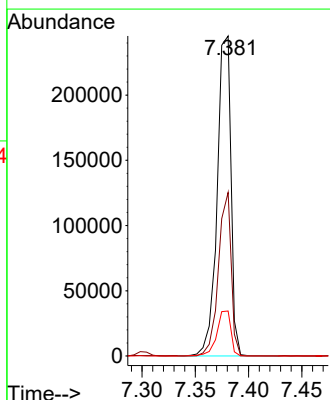
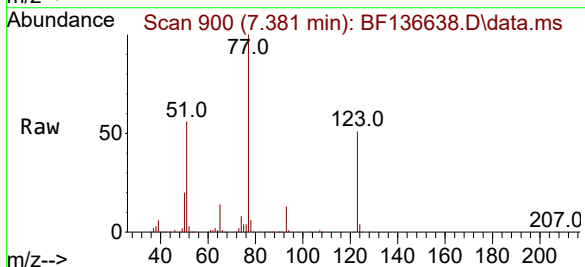
Tgt Ion: 77 Resp: 220687

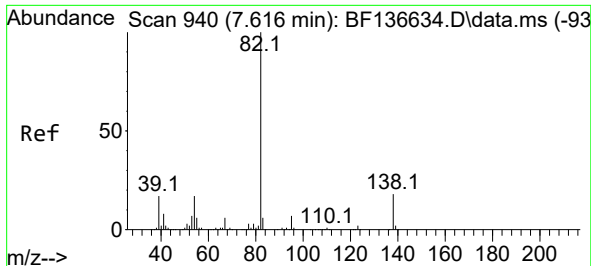
Ion Ratio Lower Upper

77 100

123 51.1 39.2 58.8

65 14.1 11.5 17.3

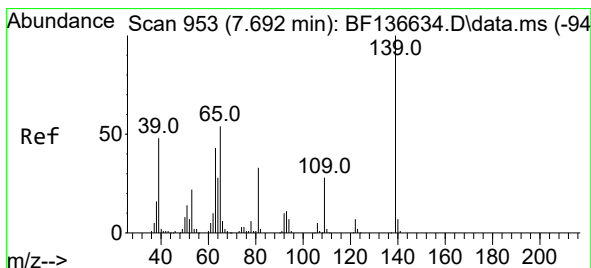
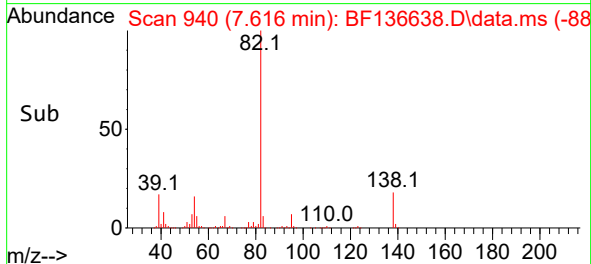
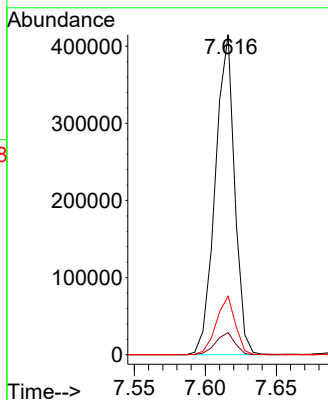
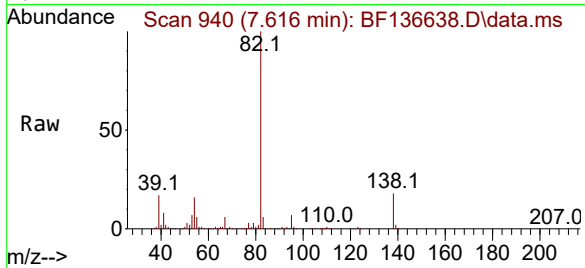




#25
Isophorone
Concen: 40.394 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

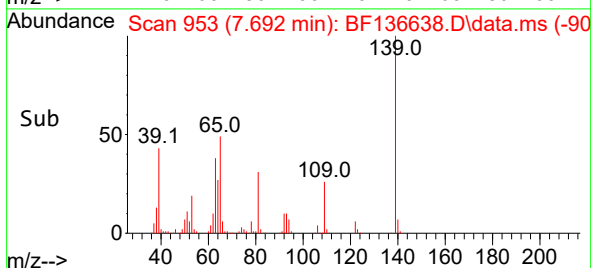
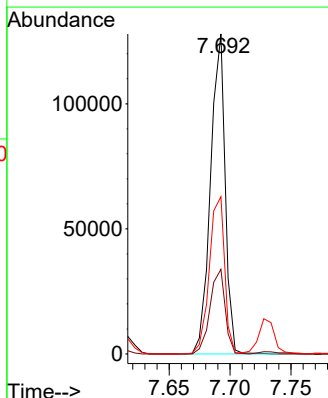
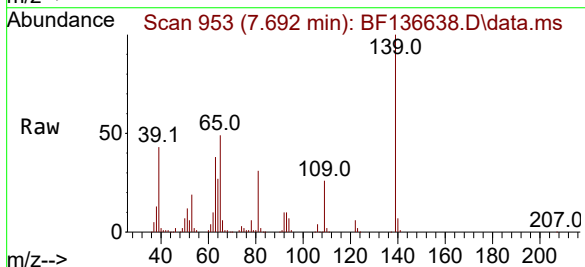
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

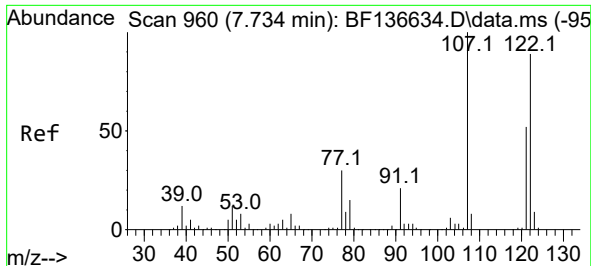
Tgt Ion: 82 Resp: 393189
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.3 14.2 21.4



#26
2-Nitrophenol
Concen: 42.381 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:139 Resp: 106376
Ion Ratio Lower Upper
139 100
109 26.5 22.4 33.6
65 49.2 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 39.989 ng

RT: 7.734 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

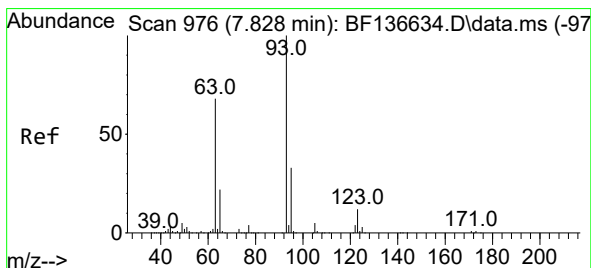
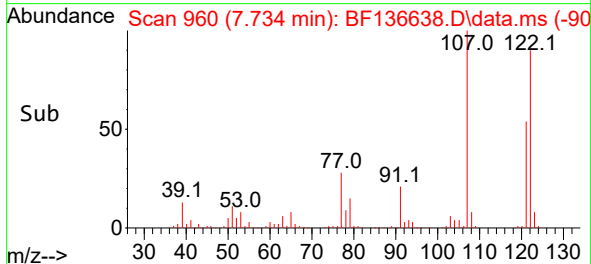
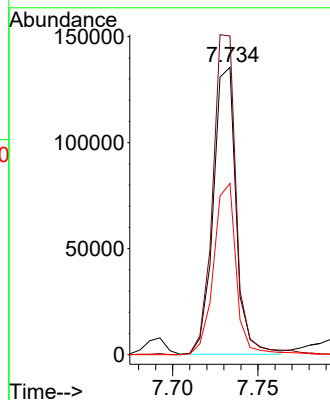
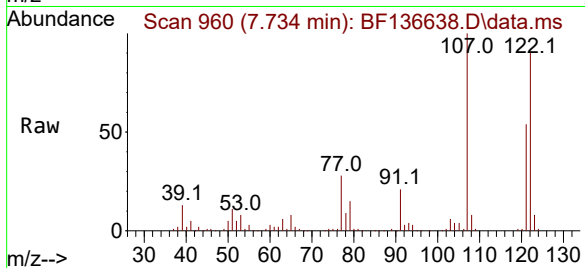
Tgt Ion:122 Resp: 126066

Ion Ratio Lower Upper

122 100

107 110.9 89.4 134.2

121 59.6 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.564 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

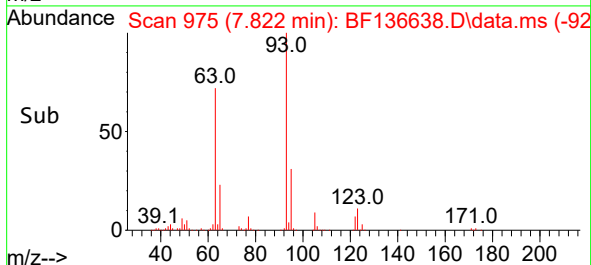
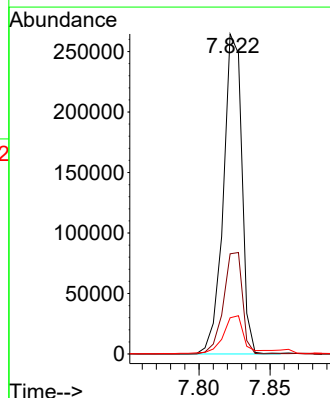
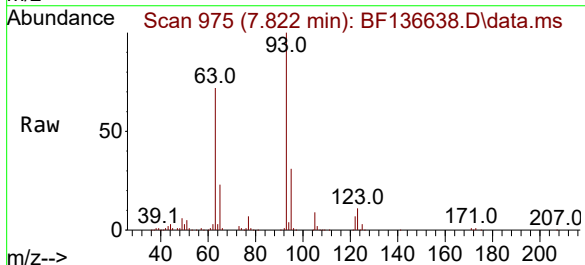
Tgt Ion: 93 Resp: 238970

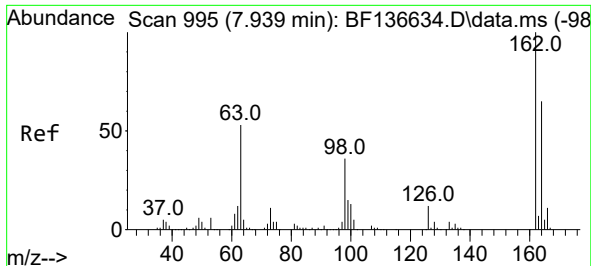
Ion Ratio Lower Upper

93 100

95 31.3 26.2 39.2

123 11.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.913 ng

RT: 7.934 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

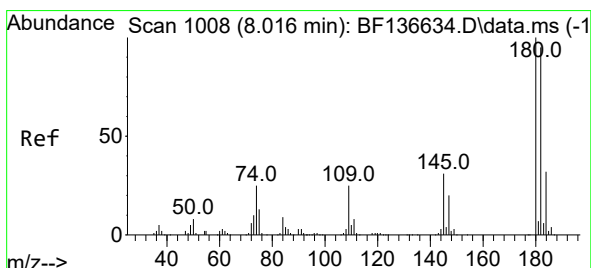
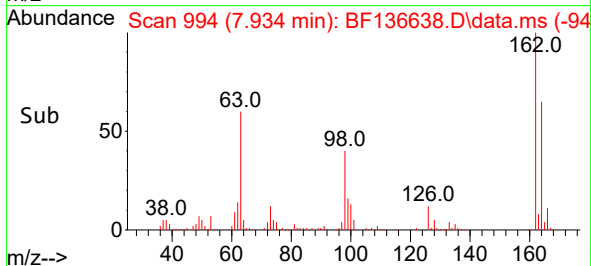
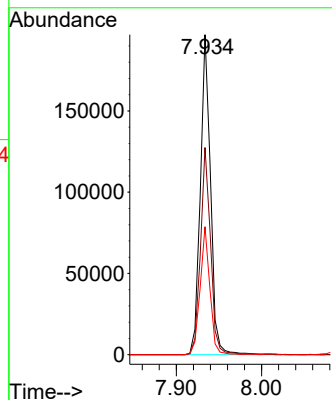
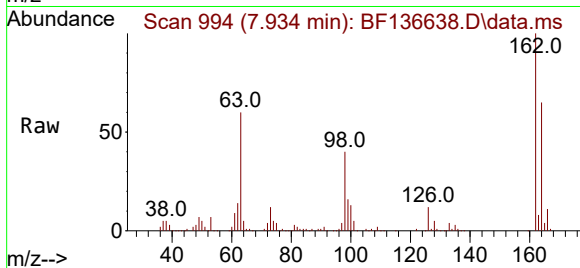
Tgt Ion:162 Resp: 163794

Ion Ratio Lower Upper

162 100

164 64.8 44.9 84.9

98 40.0 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 41.656 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

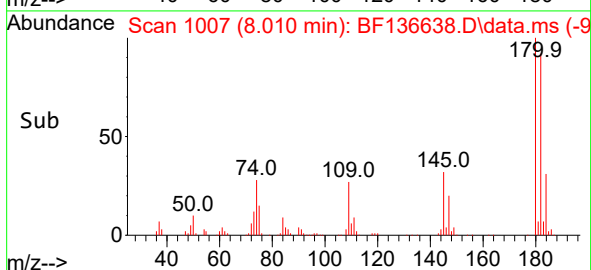
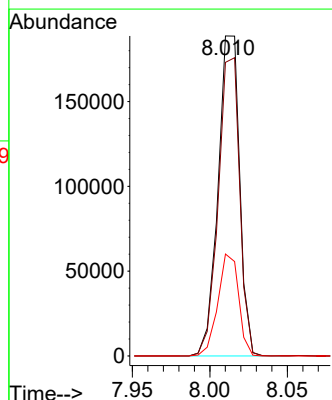
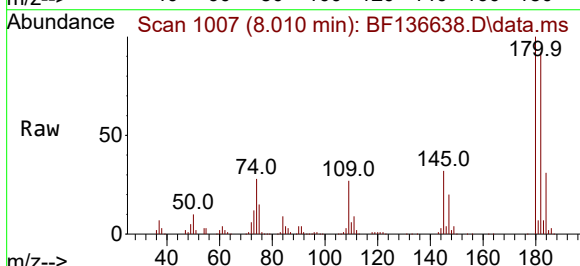
Tgt Ion:180 Resp: 183180

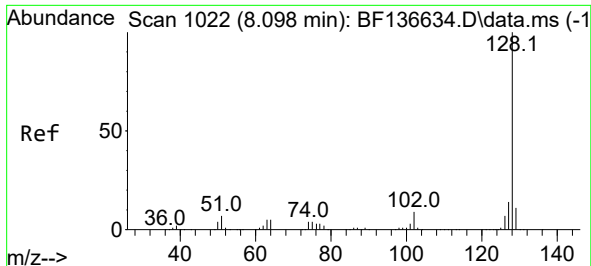
Ion Ratio Lower Upper

180 100

182 91.8 75.8 113.6

145 31.9 24.6 37.0

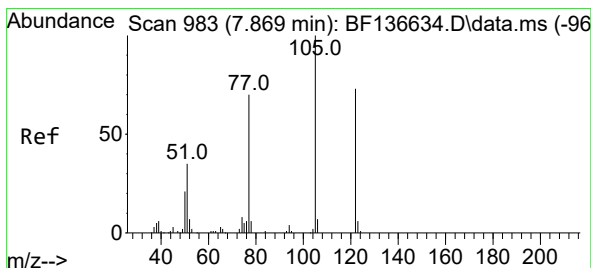
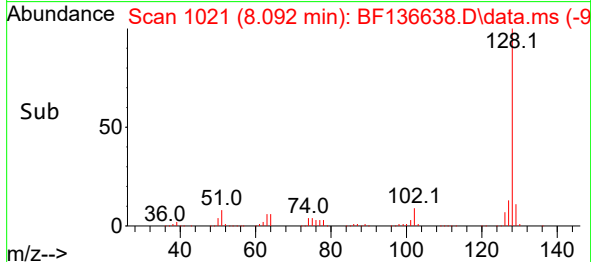
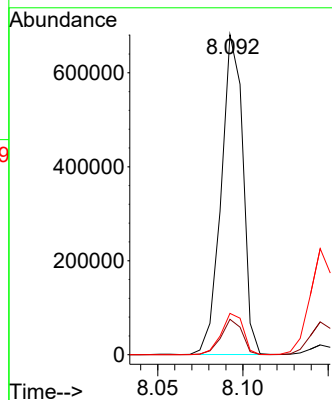
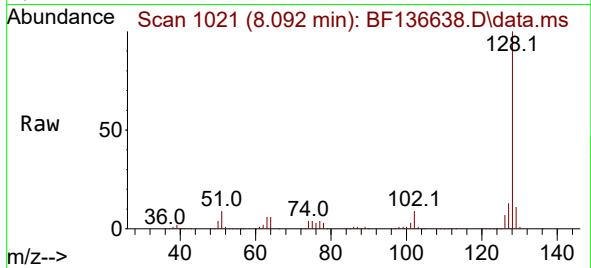




#31
Naphthalene
Concen: 40.662 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

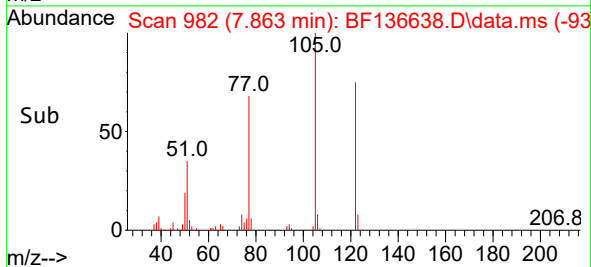
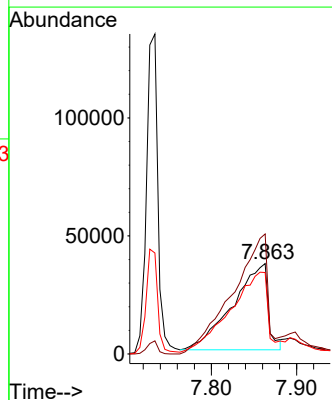
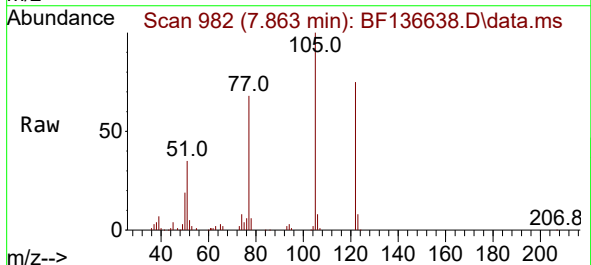
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

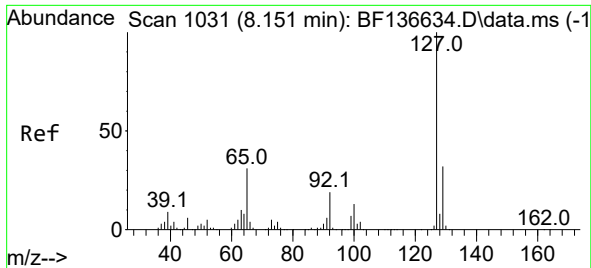
Tgt Ion:128 Resp: 602026
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 36.142 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:122 Resp: 105683
Ion Ratio Lower Upper
122 100
105 132.6 111.6 151.6
77 90.0 73.3 113.3

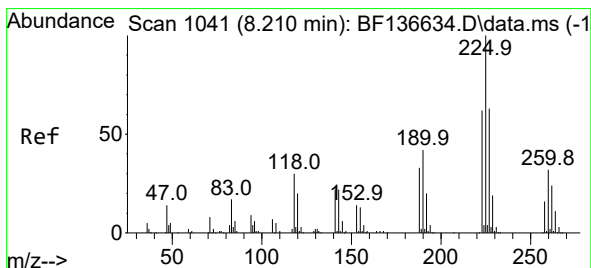
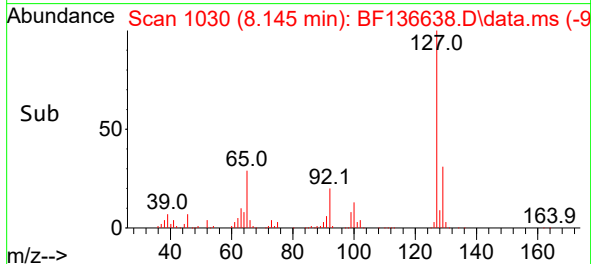
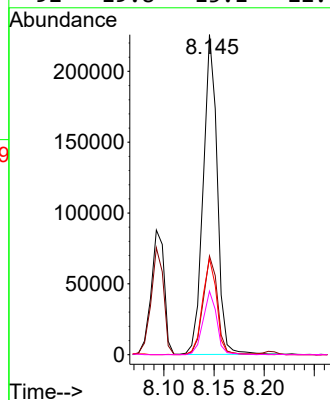
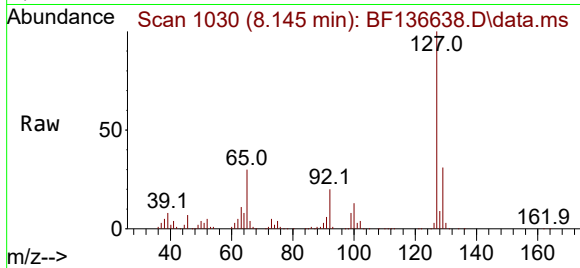




#33
4-Chloroaniline
Concen: 40.080 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

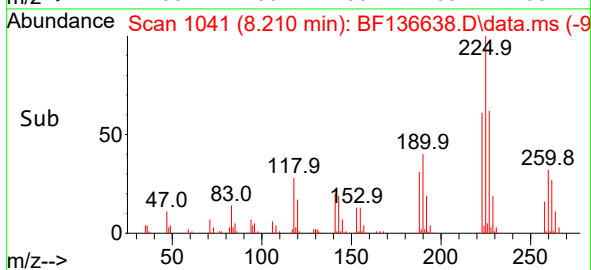
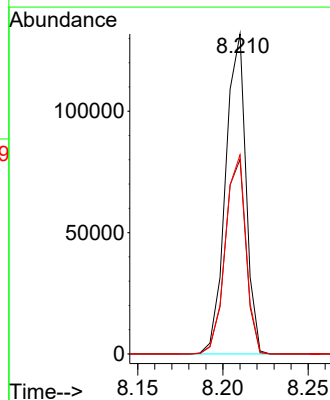
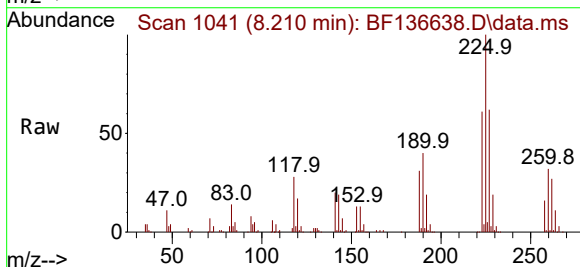
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

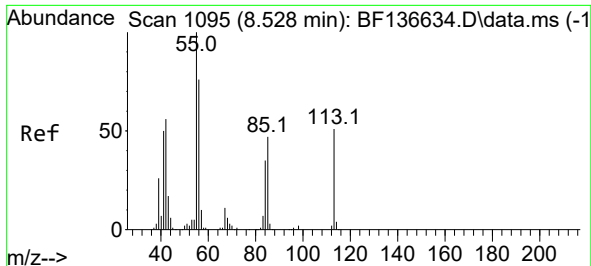
Tgt	Ion:127	Resp:	220852
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.6	38.4
65	30.1	24.9	37.3
92	19.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 40.743 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt	Ion:225	Resp:	109534
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.4	74.2
227	62.3	50.2	75.2

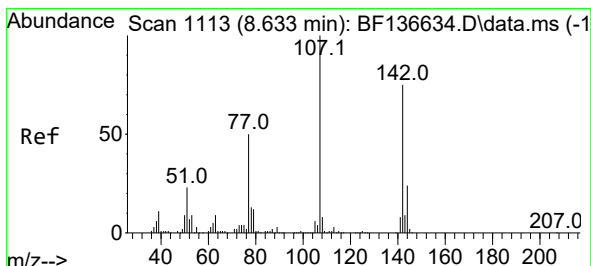
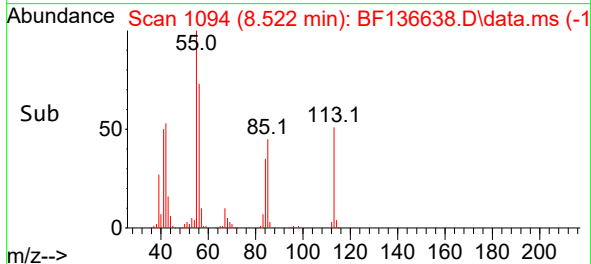
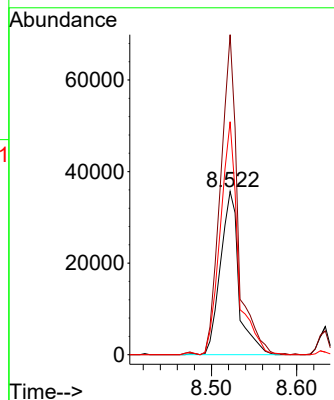
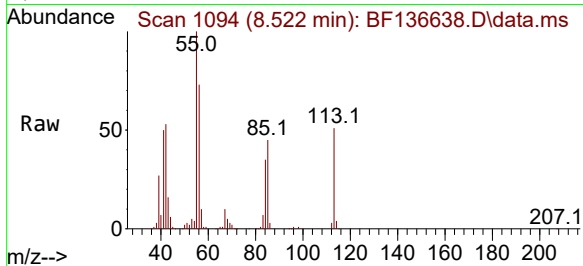




#35
 Caprolactam
 Concen: 40.971 ng
 RT: 8.522 min Scan# 1095
 Delta R.T. -0.006 min
 Lab File: BF136638.D
 Acq: 19 Dec 2023 19:15

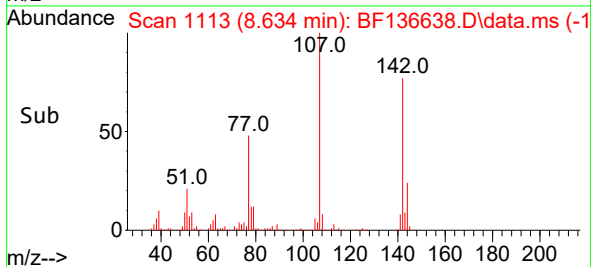
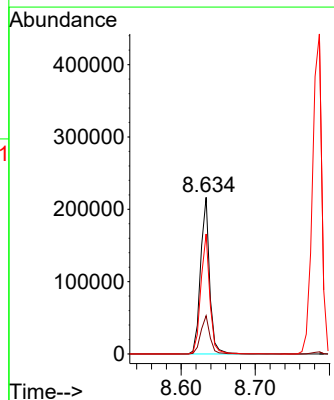
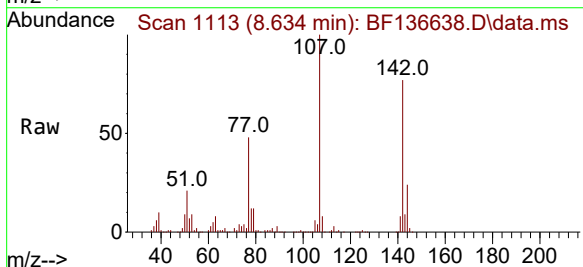
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121923

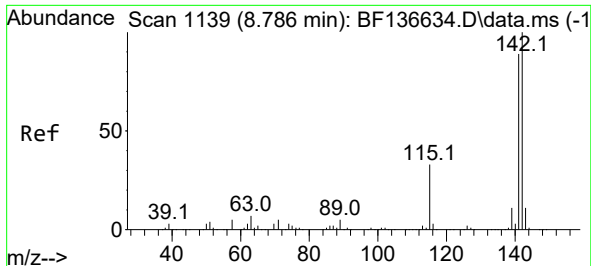
Tgt Ion:113 Resp: 53534
 Ion Ratio Lower Upper
 113 100
 55 196.1 174.3 214.3
 56 142.7 127.6 167.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.962 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136638.D
 Acq: 19 Dec 2023 19:15

Tgt Ion:107 Resp: 182222
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.0 28.6
 142 76.7 59.8 89.8

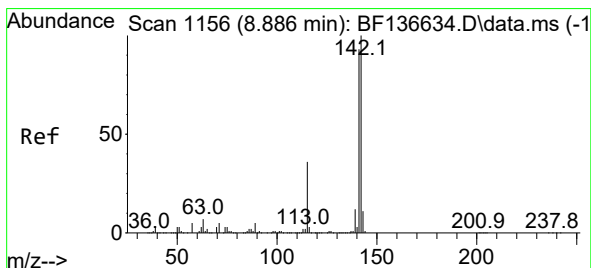
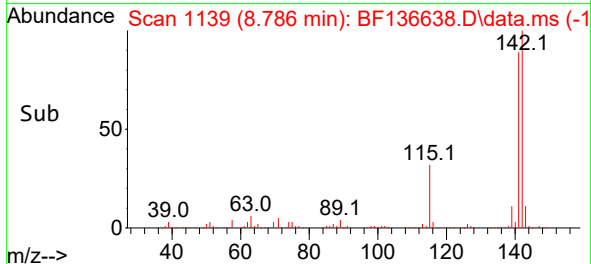
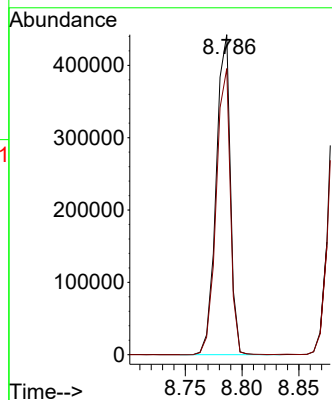
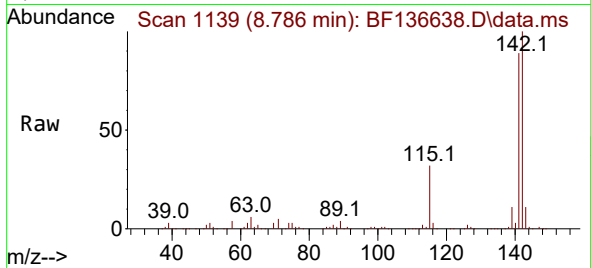




#37
2-Methylnaphthalene
Concen: 40.459 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

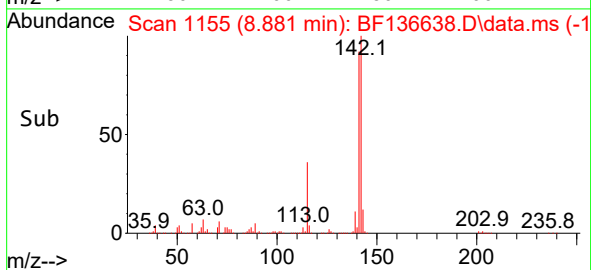
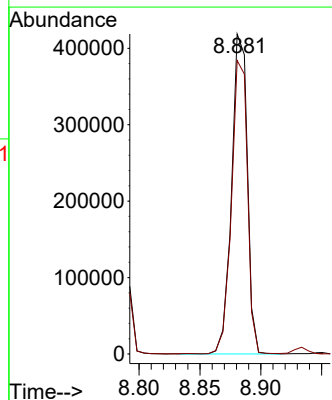
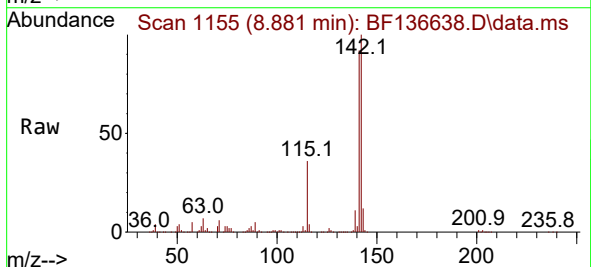
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

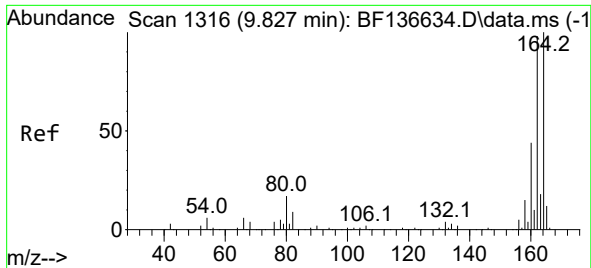
Tgt Ion:142 Resp: 384938
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3



#38
1-Methylnaphthalene
Concen: 40.145 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:142 Resp: 376390
Ion Ratio Lower Upper
142 100
141 91.7 74.6 112.0

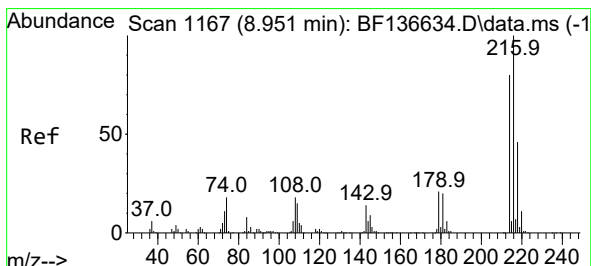
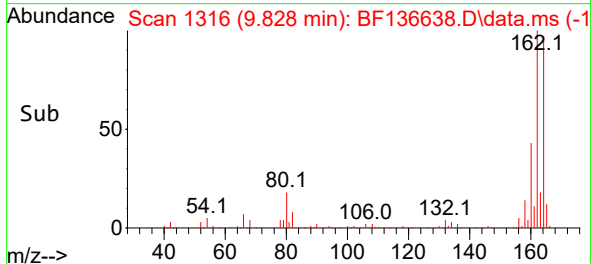
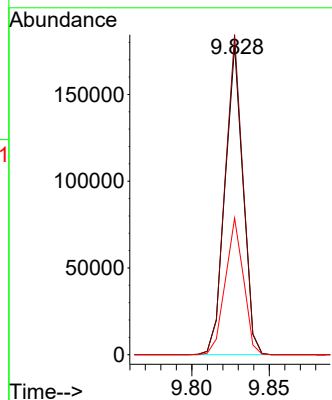
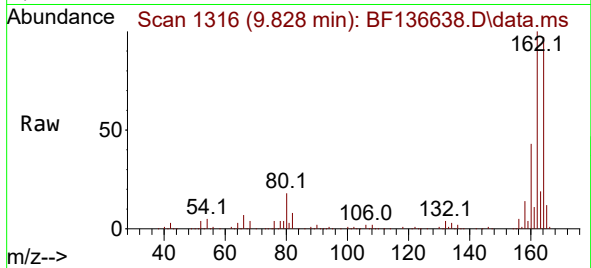




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

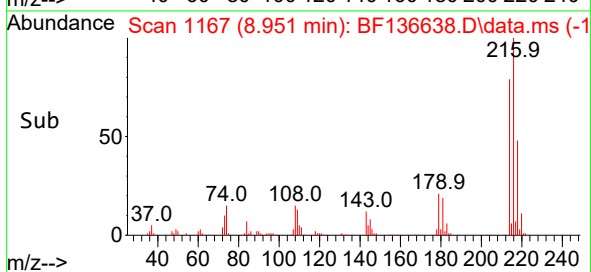
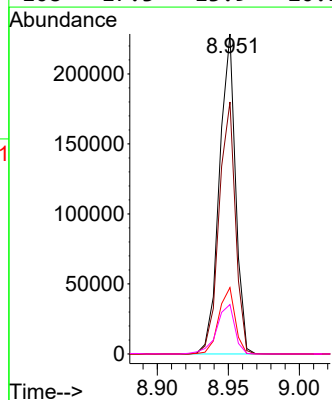
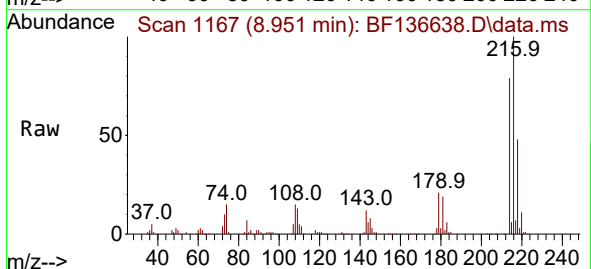
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

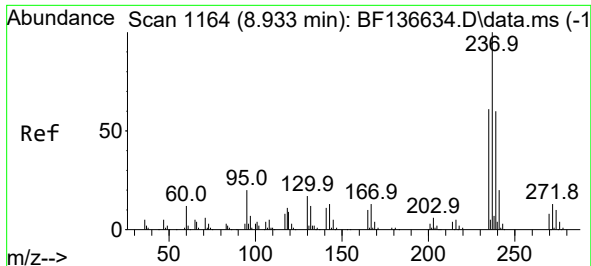
Tgt Ion:164 Resp: 144125
Ion Ratio Lower Upper
164 100
162 103.5 78.4 117.6
160 44.2 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.297 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:216 Resp: 180620
Ion Ratio Lower Upper
216 100
214 79.7 63.4 95.2
179 20.8 16.5 24.7
108 17.3 13.9 20.9

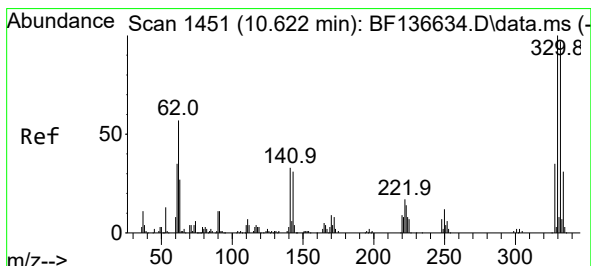
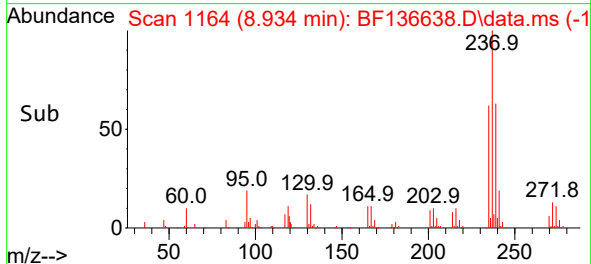
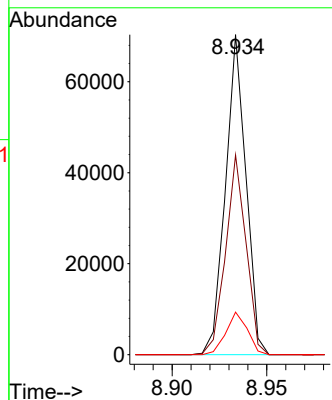
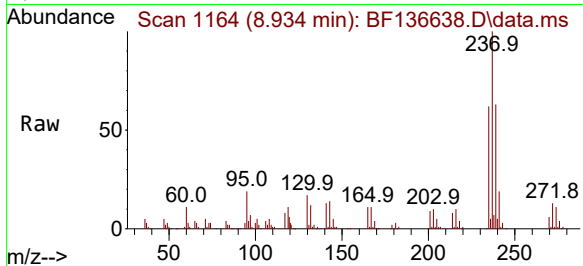




#41
Hexachlorocyclopentadiene
Concen: 38.895 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.001 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

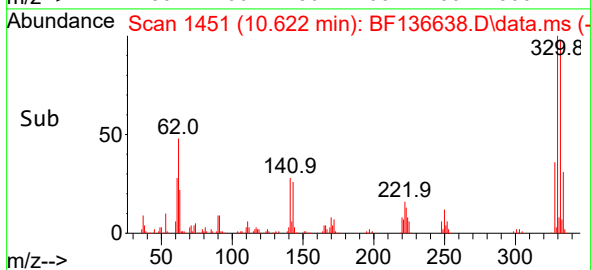
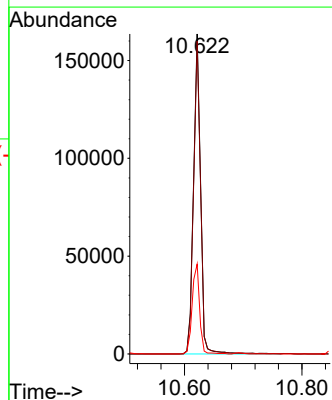
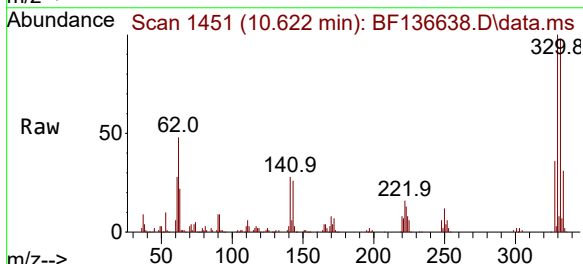
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

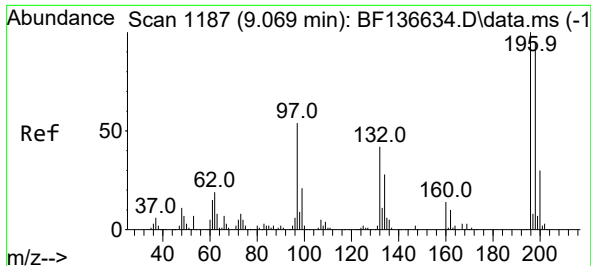
Tgt Ion:237 Resp: 52955
Ion Ratio Lower Upper
237 100
235 62.4 41.4 81.4
272 13.3 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 80.939 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:330 Resp: 136030
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 29.7 23.4 35.0

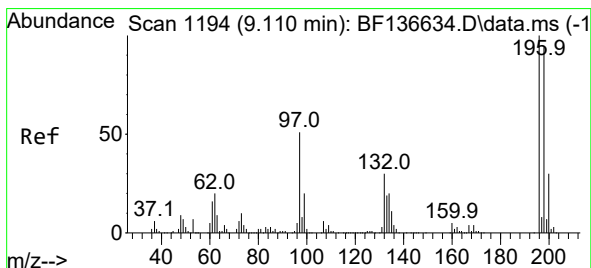
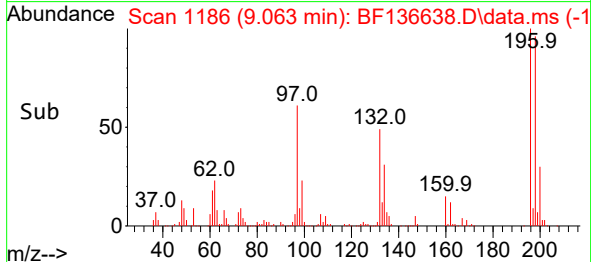
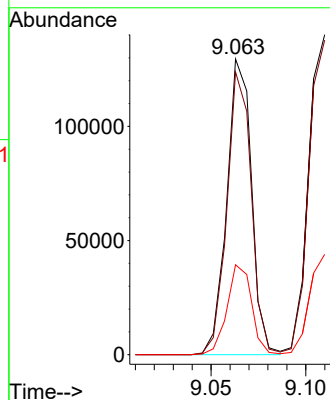
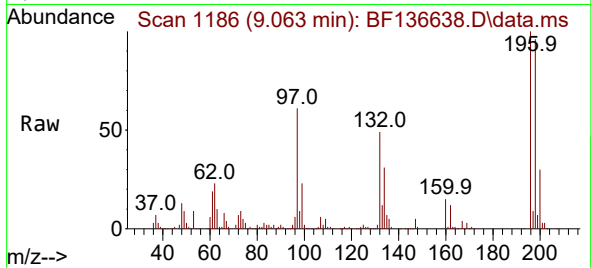




#43
2,4,6-Trichlorophenol
Concen: 41.054 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

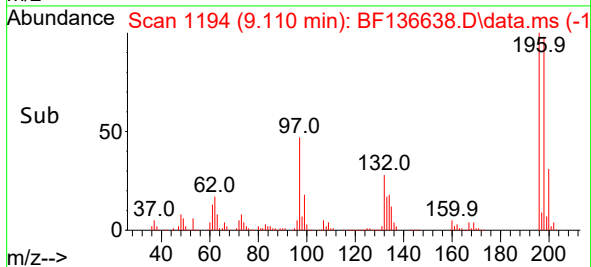
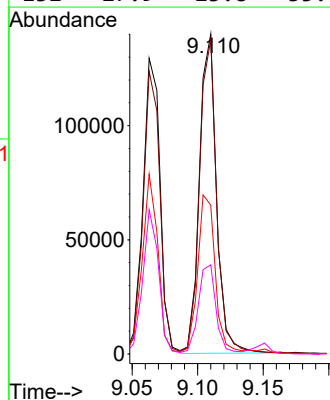
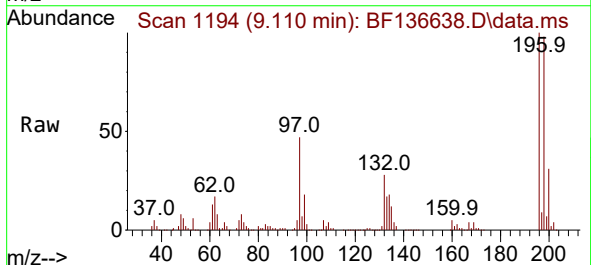
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

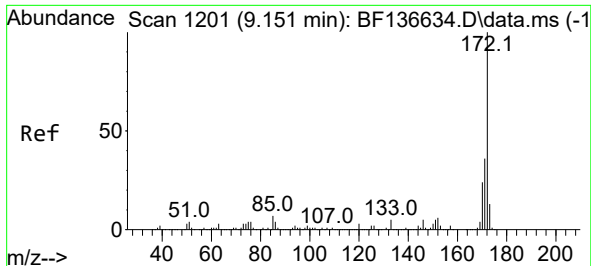
Tgt Ion:196 Resp: 117754
Ion Ratio Lower Upper
196 100
198 95.6 76.2 114.2
200 30.4 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 40.304 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:196 Resp: 127438
Ion Ratio Lower Upper
196 100
198 98.3 75.4 113.0
97 46.5 41.0 61.6
132 27.9 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 80.781 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

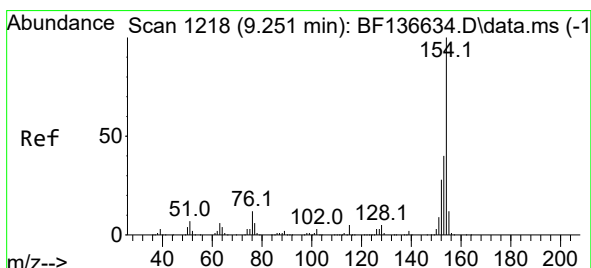
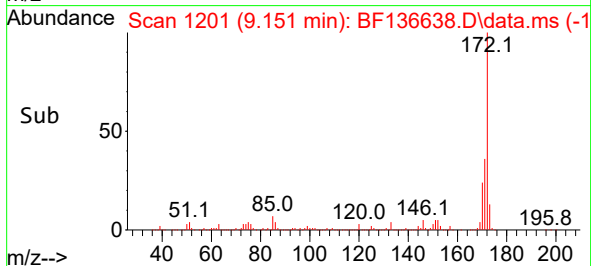
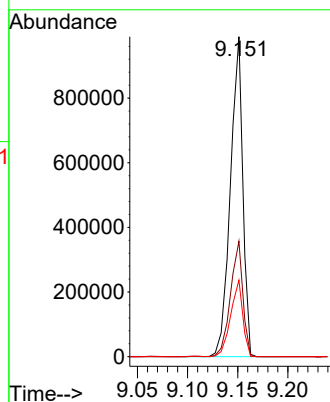
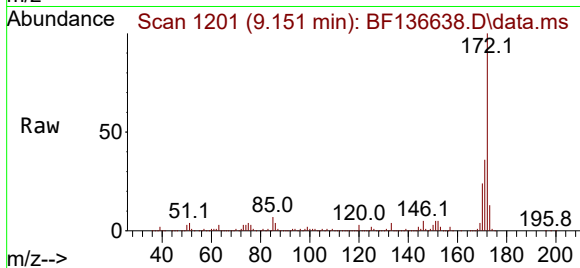
Tgt Ion:172 Resp: 852152

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.9 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.434 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

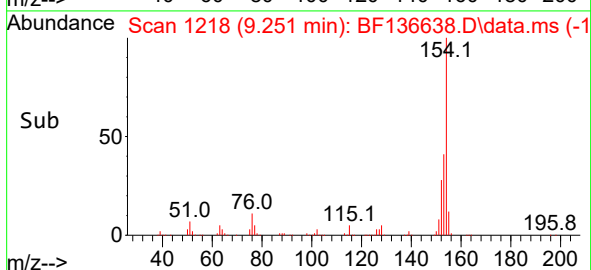
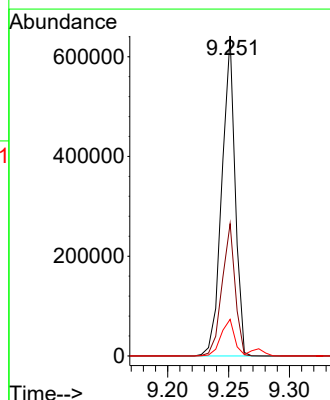
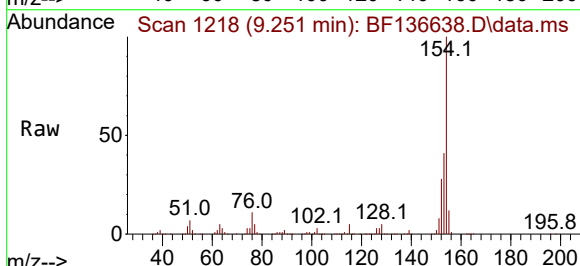
Tgt Ion:154 Resp: 487173

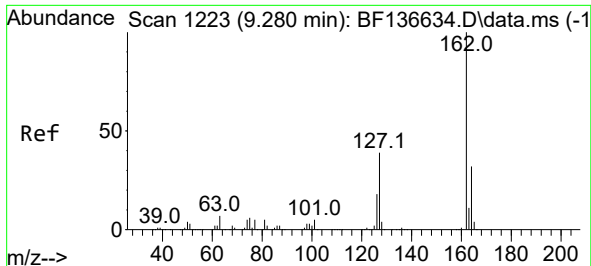
Ion Ratio Lower Upper

154 100

153 41.4 20.5 60.5

76 11.5 0.0 32.2

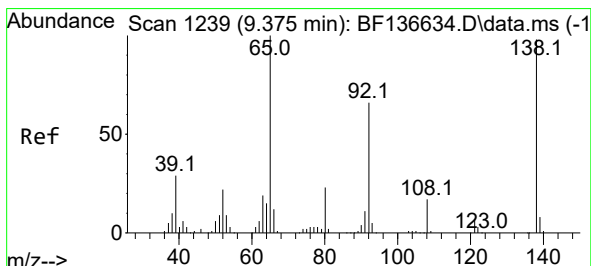
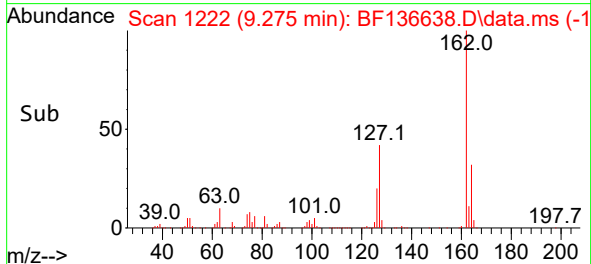
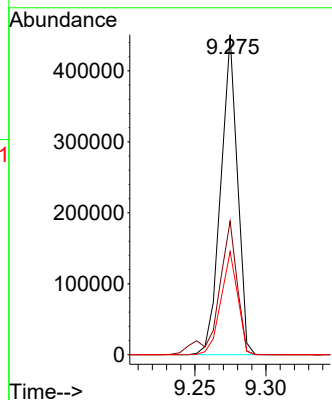
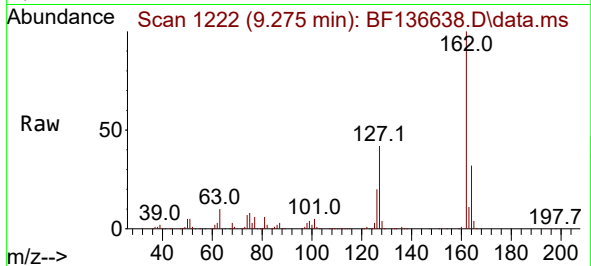




#47
2-Chloronaphthalene
Concen: 40.431 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

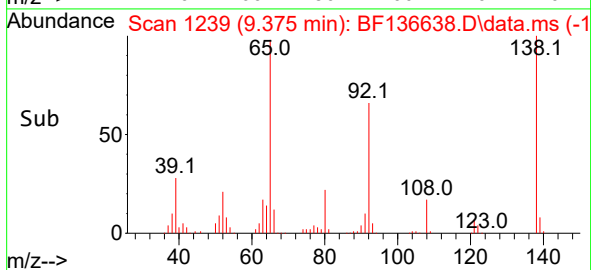
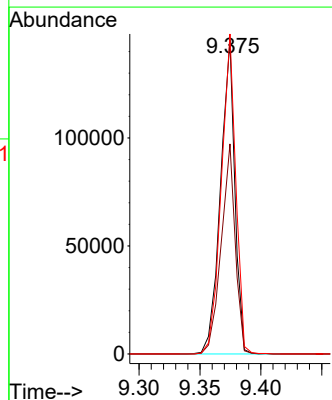
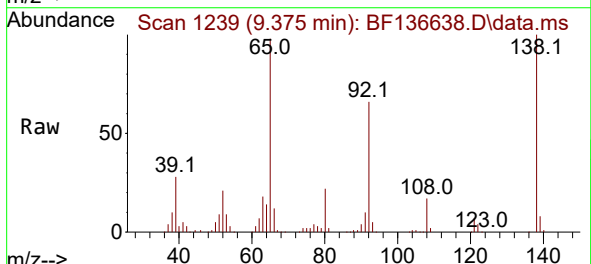
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

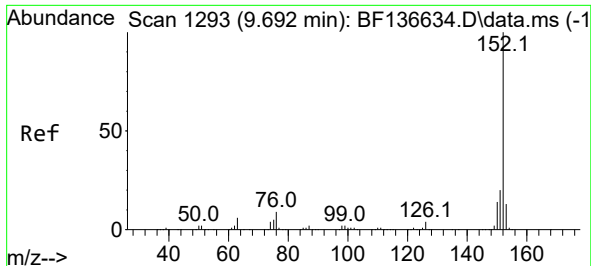
Tgt Ion:162 Resp: 367861
Ion Ratio Lower Upper
162 100
127 41.7 31.8 47.6
164 32.2 26.0 39.0



#48
2-Nitroaniline
Concen: 41.466 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion: 65 Resp: 119293
Ion Ratio Lower Upper
65 100
92 66.9 52.6 79.0
138 102.0 78.2 117.2





#49

Acenaphthylene

Concen: 40.831 ng

RT: 9.692 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

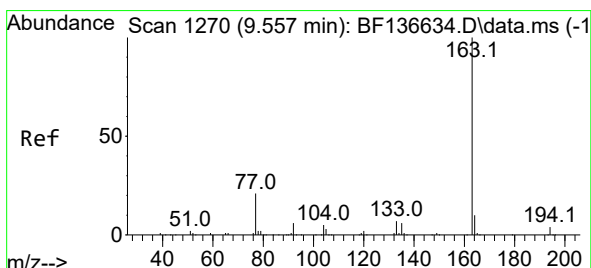
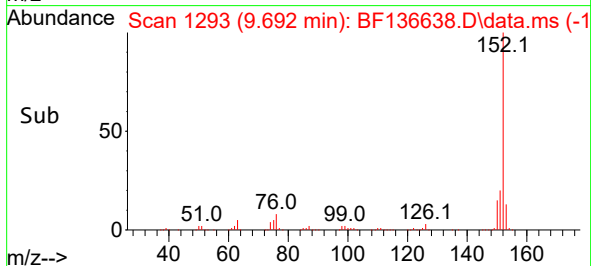
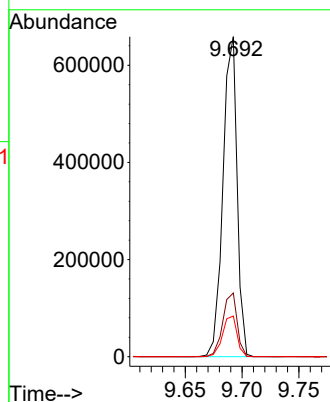
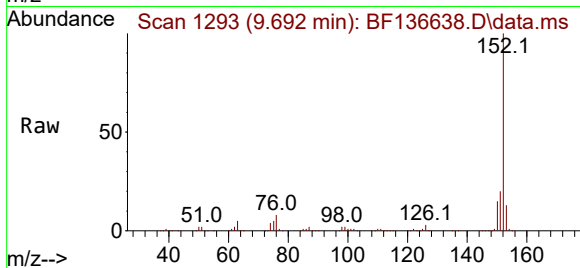
Tgt Ion:152 Resp: 570525

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 12.7 10.3 15.5



#50

Dimethylphthalate

Concen: 41.060 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

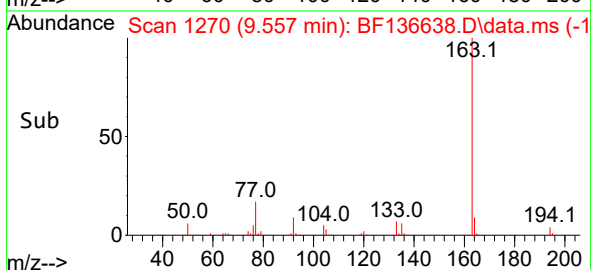
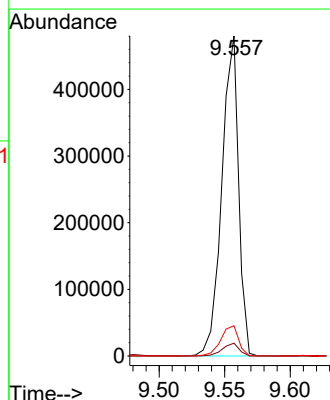
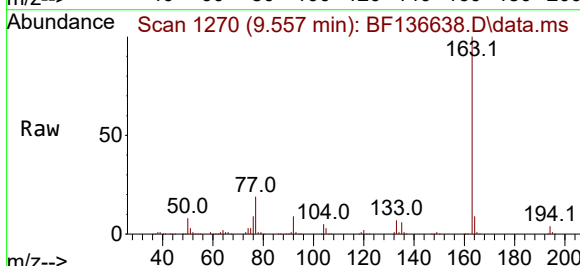
Tgt Ion:163 Resp: 424368

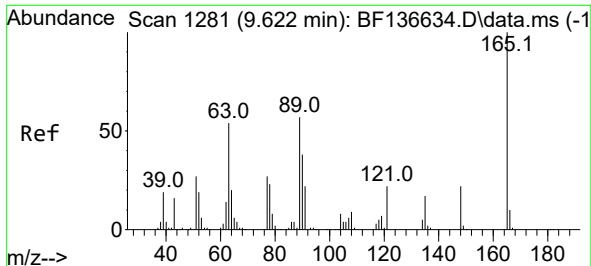
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.5 8.2 12.4

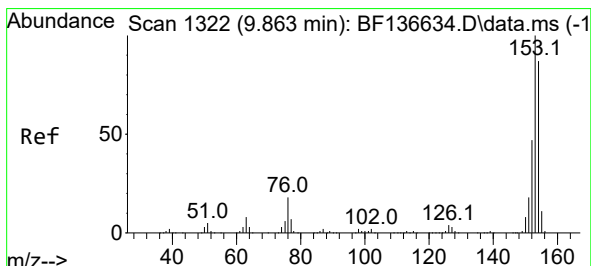
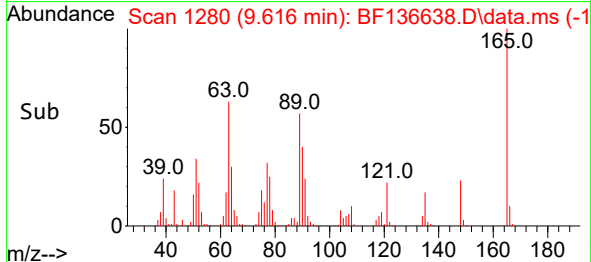
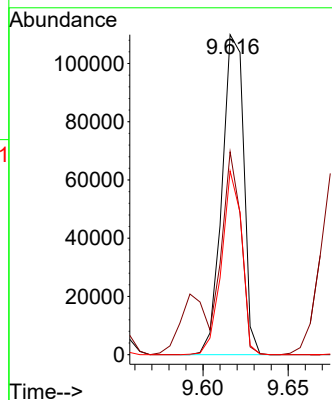
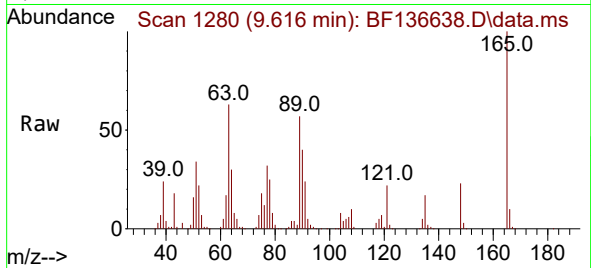




#51
2,6-Dinitrotoluene
Concen: 41.385 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

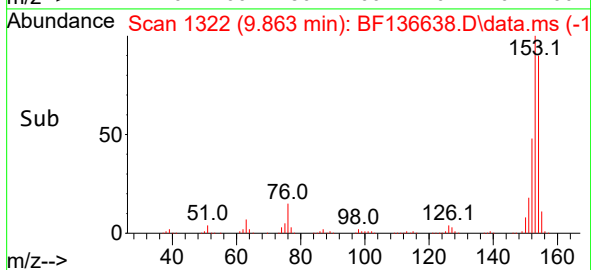
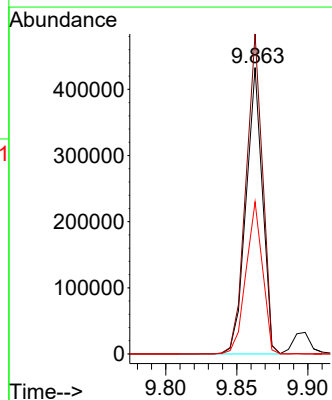
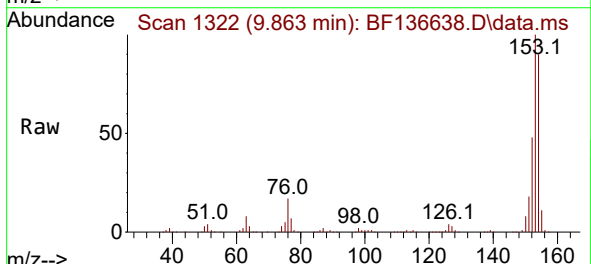
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

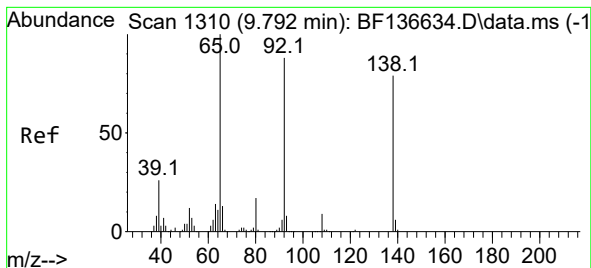
Tgt Ion:165 Resp: 97466
Ion Ratio Lower Upper
165 100
63 63.4 47.3 70.9
89 57.4 45.5 68.3



#52
Acenaphthene
Concen: 40.504 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:154 Resp: 349949
Ion Ratio Lower Upper
154 100
153 111.7 92.3 138.5
152 53.1 43.4 65.0





#53

3-Nitroaniline

Concen: 40.623 ng

RT: 9.786 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

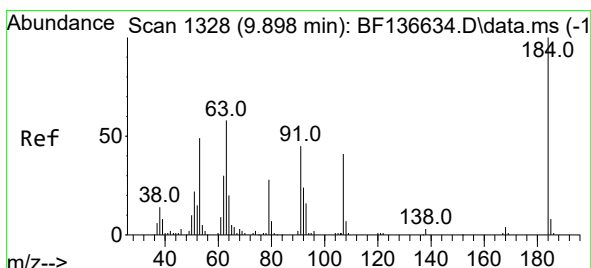
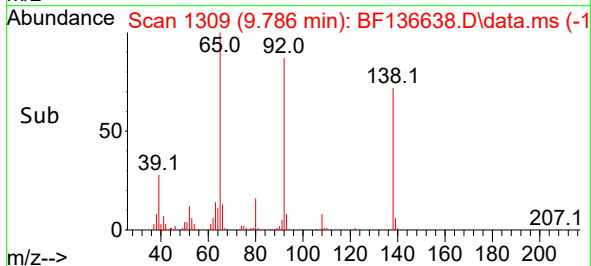
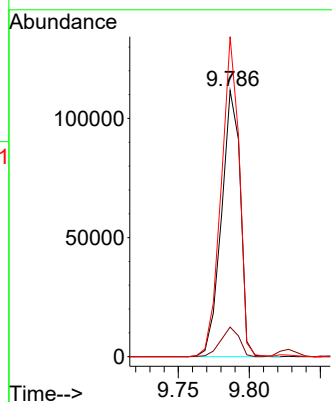
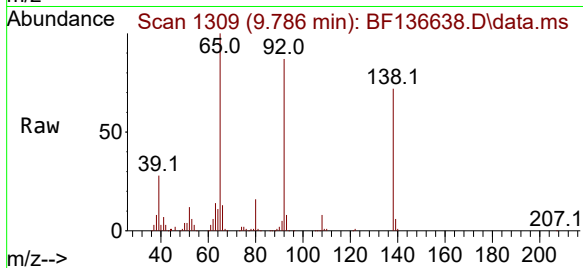
Tgt Ion:138 Resp: 102790

Ion Ratio Lower Upper

138 100

108 11.1 8.8 13.2

92 120.3 89.7 134.5



#54

2,4-Dinitrophenol

Concen: 43.014 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

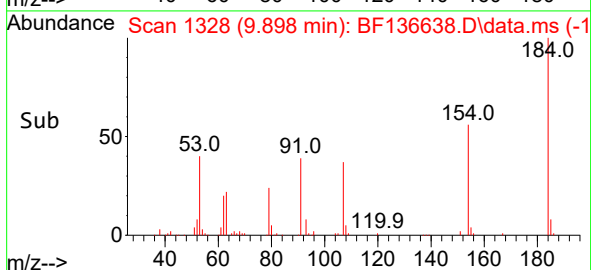
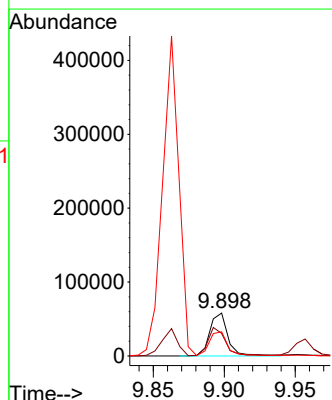
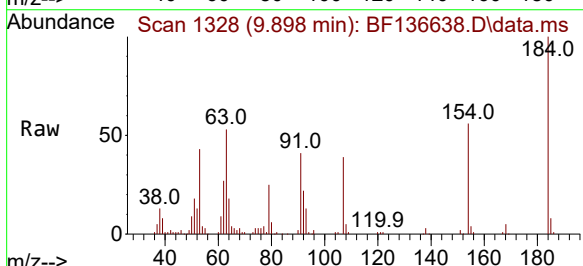
Tgt Ion:184 Resp: 51669

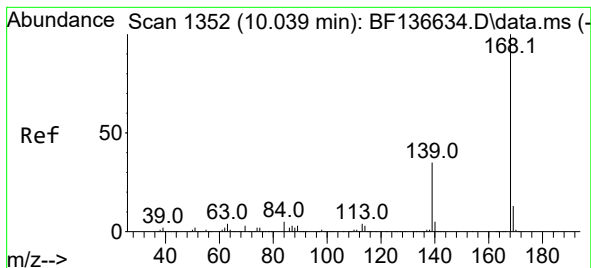
Ion Ratio Lower Upper

184 100

63 52.7 48.5 72.7

154 56.3 45.9 68.9





#55

Dibenzenofuran

Concen: 40.466 ng

RT: 10.033 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

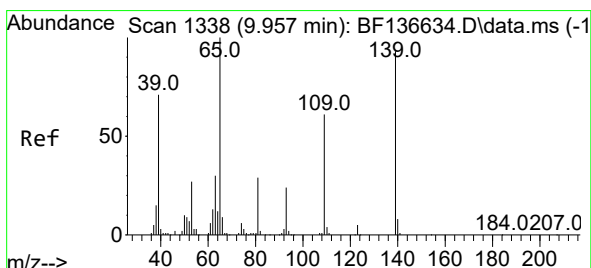
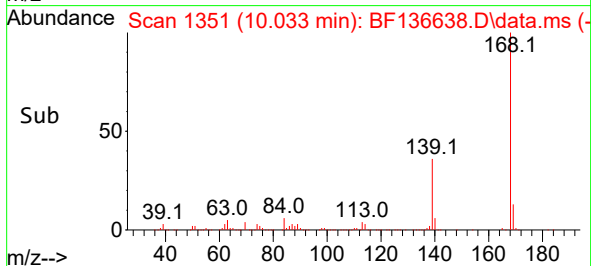
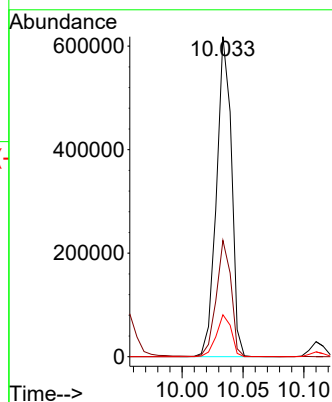
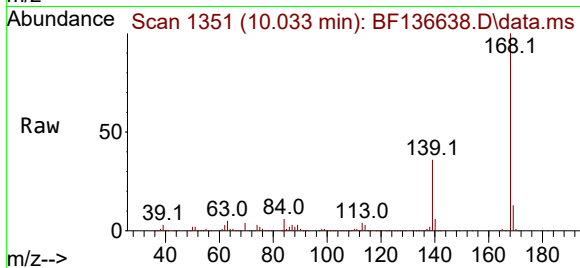
Tgt Ion:168 Resp: 527114

Ion Ratio Lower Upper

168 100

139 36.4 27.8 41.8

169 13.1 10.2 15.2



#56

4-Nitrophenol

Concen: 42.245 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

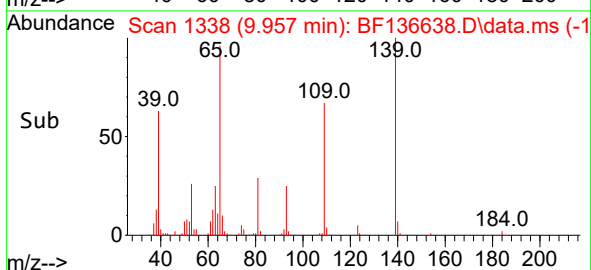
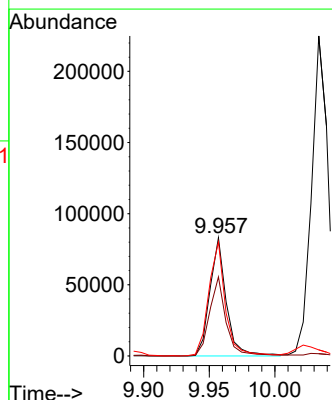
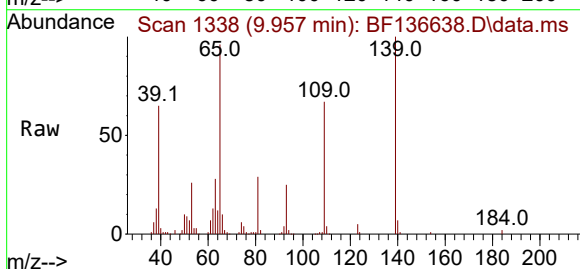
Tgt Ion:139 Resp: 72904

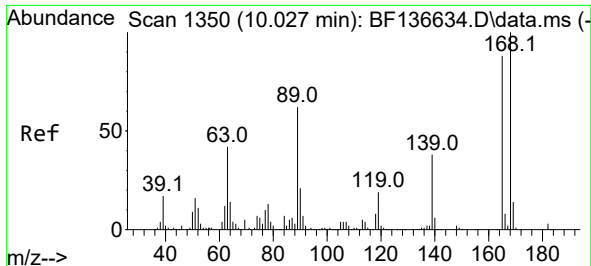
Ion Ratio Lower Upper

139 100

109 66.8 46.2 86.2

65 96.4 87.8 127.8

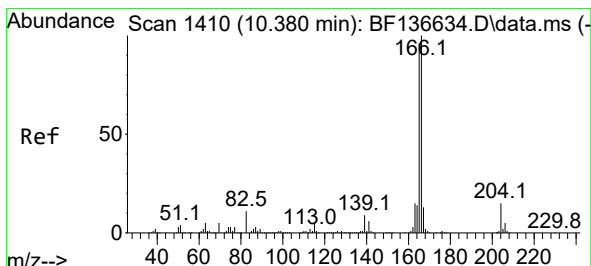
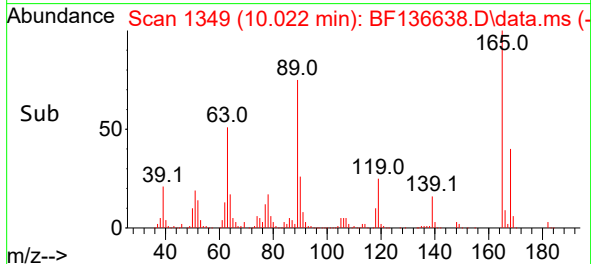
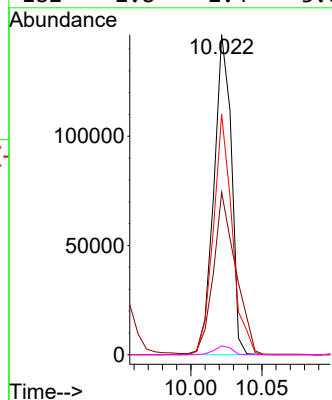
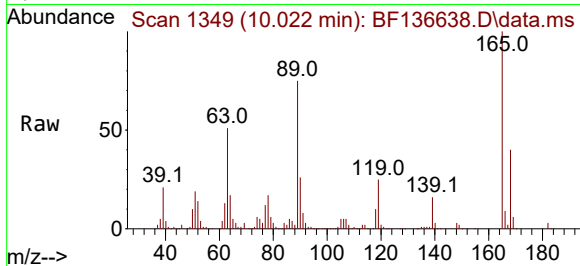




#57
2,4-Dinitrotoluene
Concen: 41.442 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

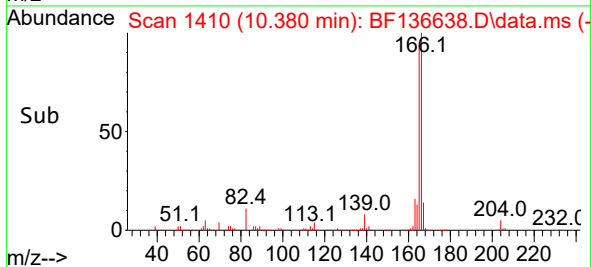
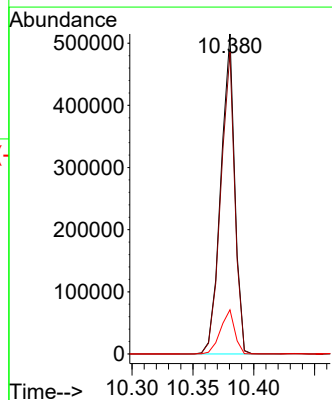
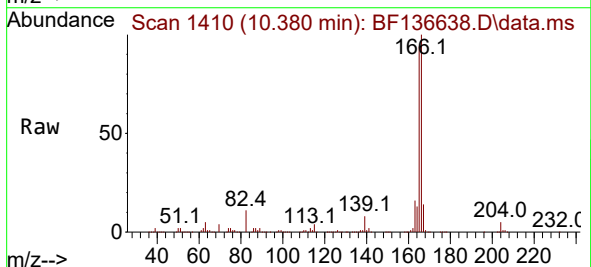
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

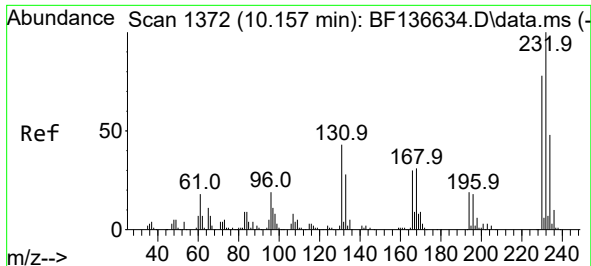
Tgt Ion:165 Resp: 125668
Ion Ratio Lower Upper
165 100
63 50.7 38.4 57.6
89 75.1 56.2 84.4
182 2.8 2.4 3.6



#58
Fluorene
Concen: 39.826 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:166 Resp: 411802
Ion Ratio Lower Upper
166 100
165 94.4 77.0 115.6
167 13.8 10.7 16.1



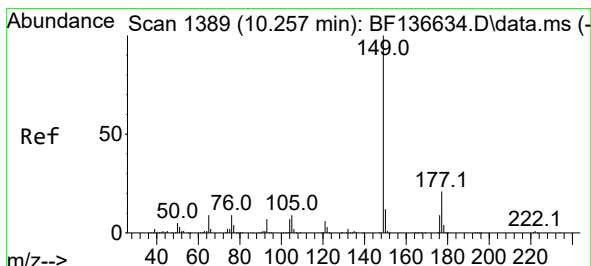
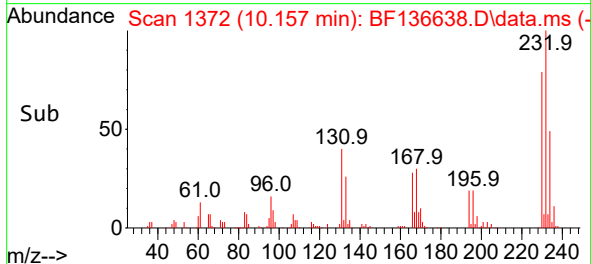
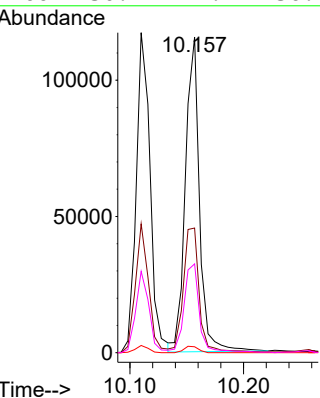
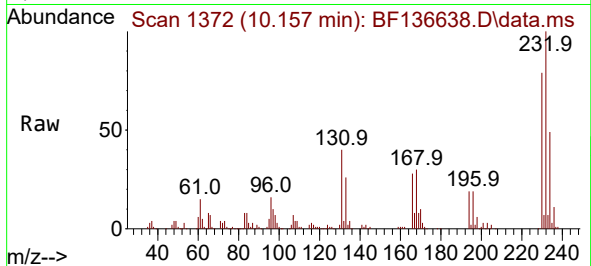


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.618 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :
BNA_F
ClientSampleId :
ICVBF121923

Tgt Ion:232 Resp: 99981

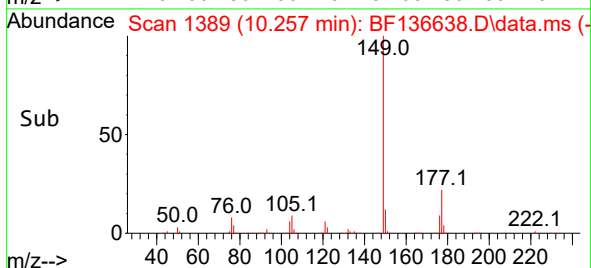
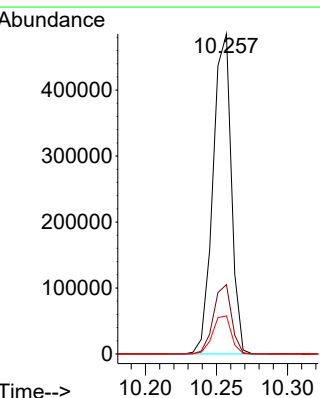
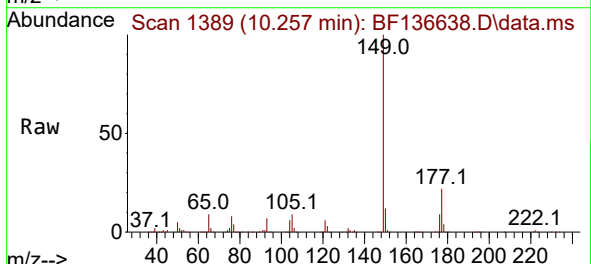
Ion	Ratio	Lower	Upper
232	100		
131	44.2	33.7	50.5
130	2.1	1.7	2.5
166	30.9	24.1	36.1

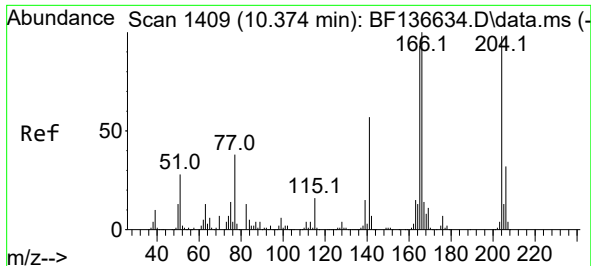


#60
Diethylphthalate
Concen: 40.484 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:149 Resp: 435080

Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.9	25.3
150	11.9	9.9	14.9

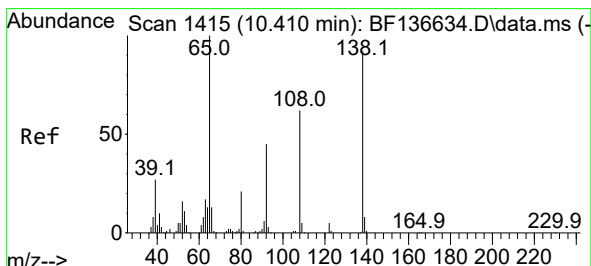
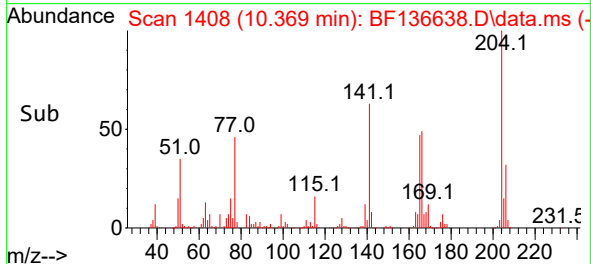
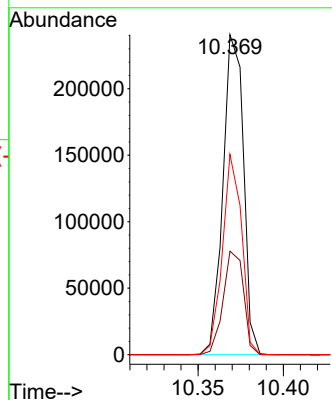
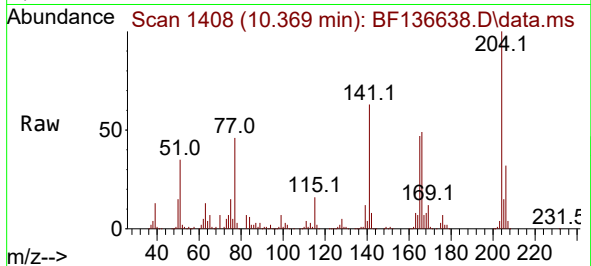




#61
4-Chlorophenyl-phenylether
Concen: 40.457 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

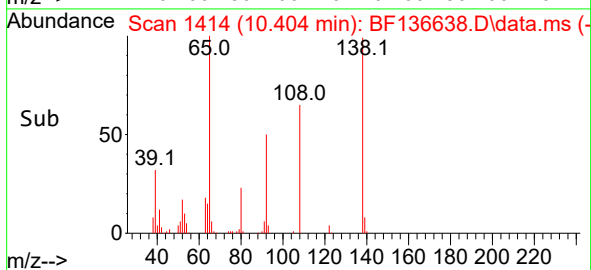
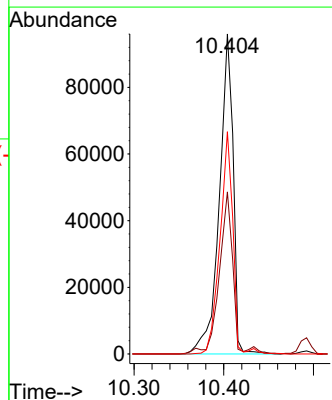
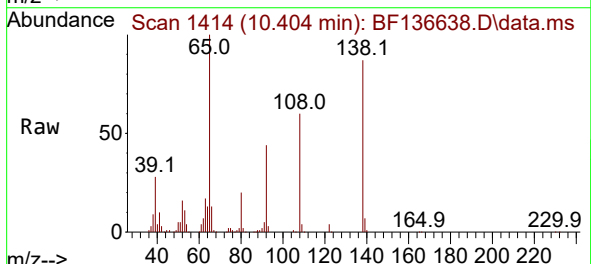
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

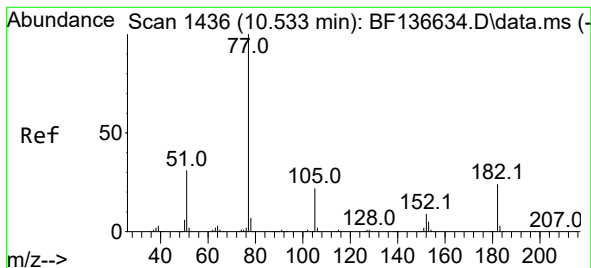
Tgt Ion:204 Resp: 201474
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 62.6 46.2 69.4



#62
4-Nitroaniline
Concen: 40.987 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:138 Resp: 102607
Ion Ratio Lower Upper
138 100
92 50.7 28.8 68.8
108 69.4 47.2 87.2





#63

Azobenzene

Concen: 40.831 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

Tgt Ion: 77 Resp: 409957

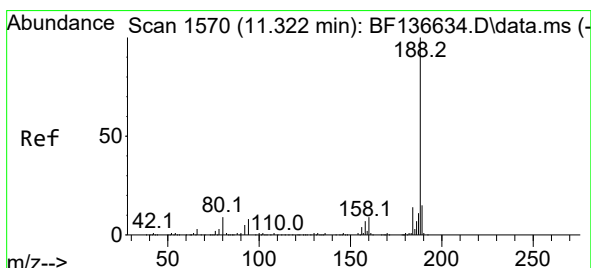
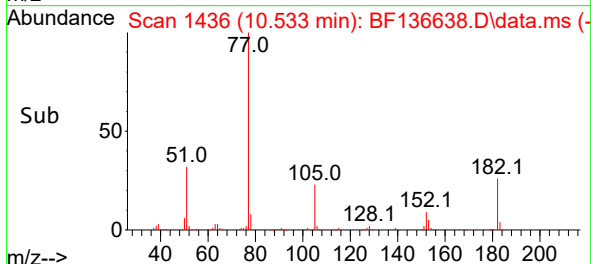
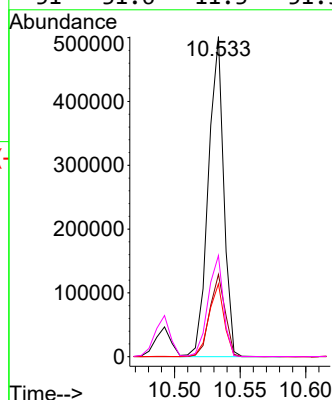
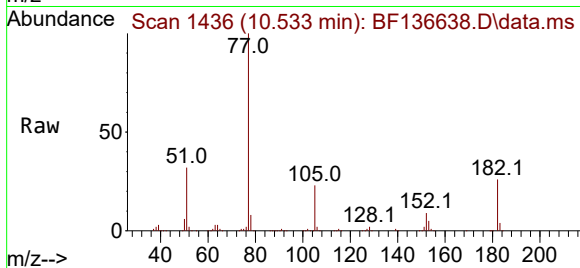
Ion Ratio Lower Upper

77 100

182 25.7 3.7 43.7

105 22.8 1.5 41.5

51 31.6 11.3 51.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

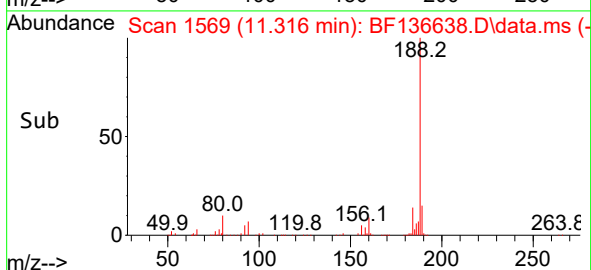
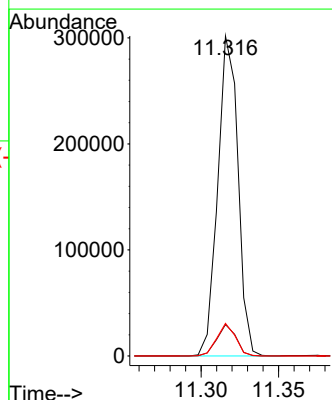
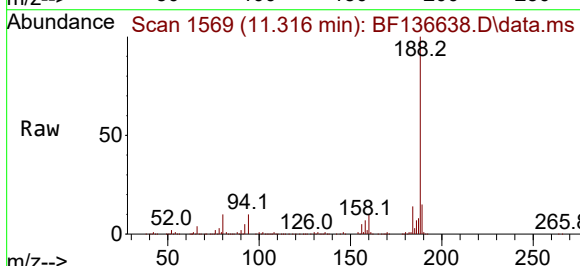
Tgt Ion: 188 Resp: 274066

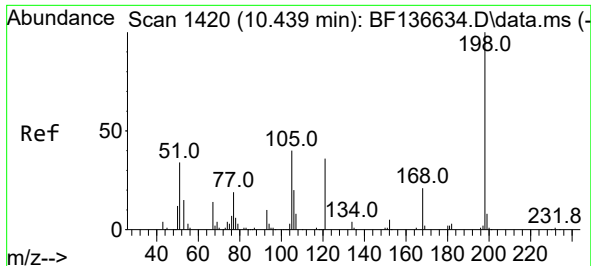
Ion Ratio Lower Upper

188 100

94 9.8 6.6 10.0

80 10.2 7.0 10.4

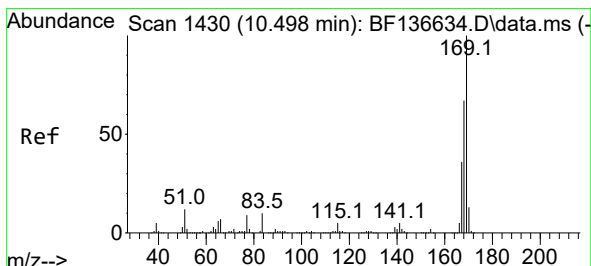
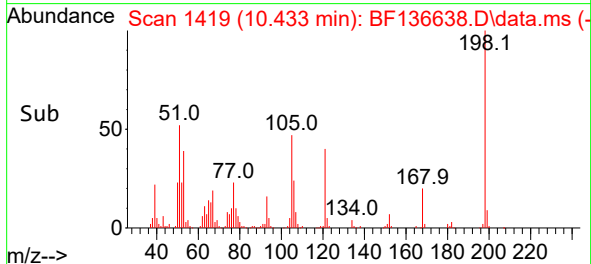
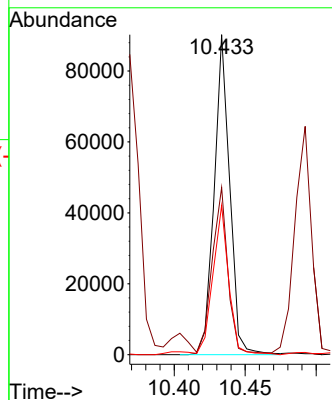
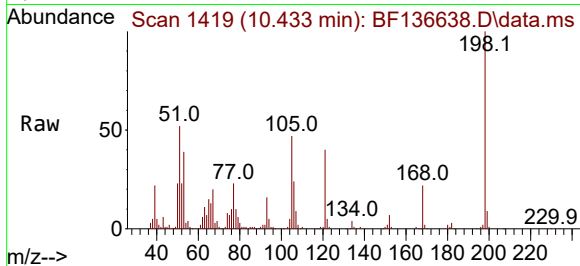




#65
4,6-Dinitro-2-methylphenol
Concen: 42.369 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

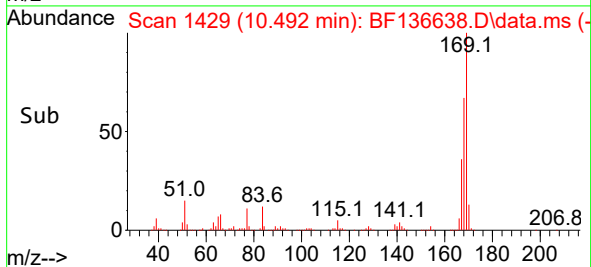
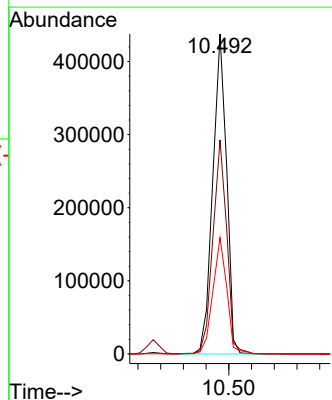
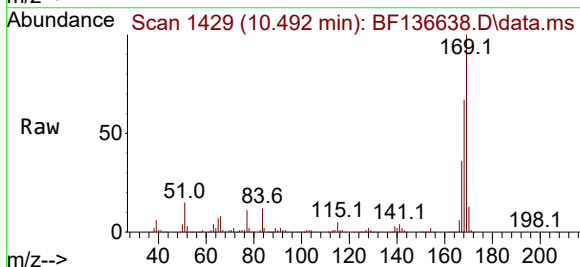
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

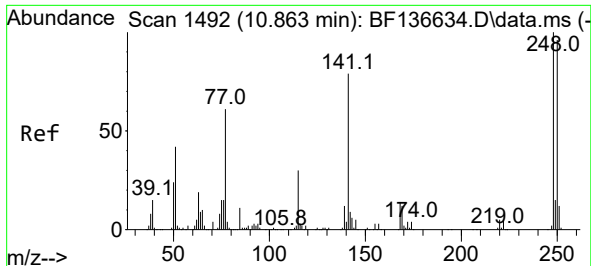
Tgt Ion:198 Resp: 68561
Ion Ratio Lower Upper
198 100
51 52.3 20.2 60.2
105 46.6 20.6 60.6



#66
n-Nitrosodiphenylamine
Concen: 40.744 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:169 Resp: 366967
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.3 29.2 43.8

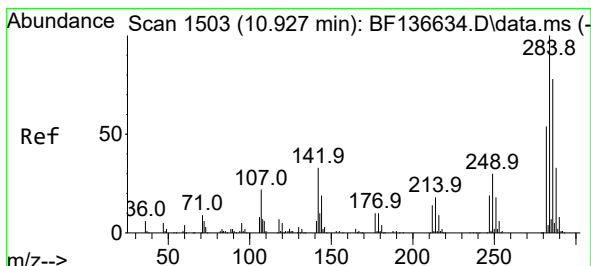
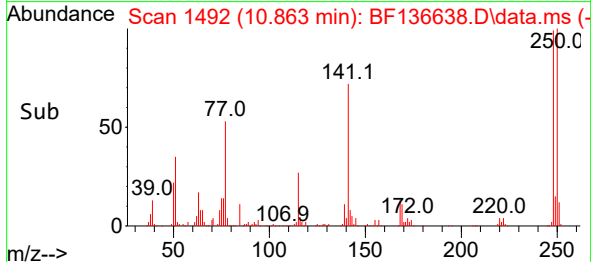
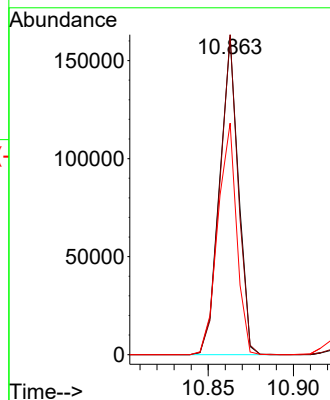
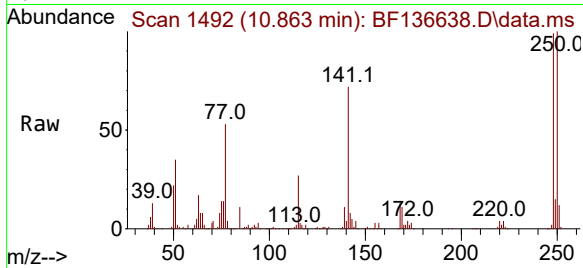




#67
4-Bromophenyl-phenylether
Concen: 40.521 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

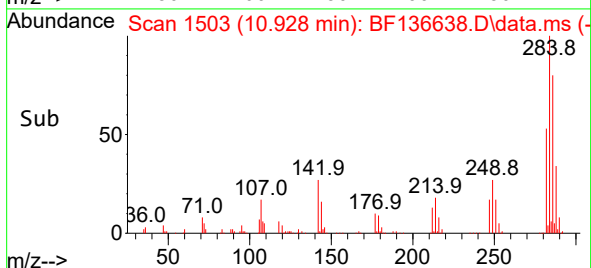
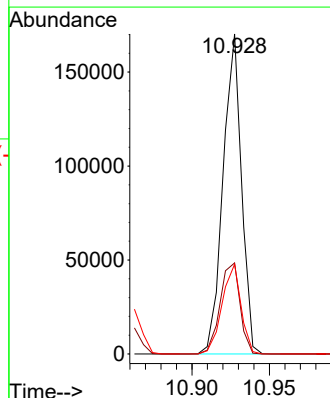
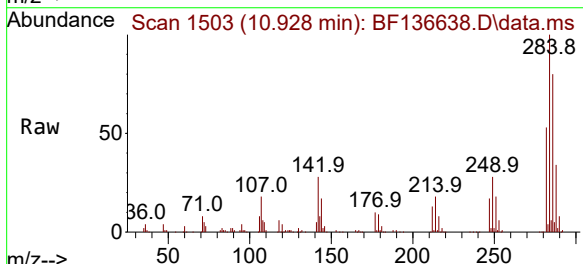
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

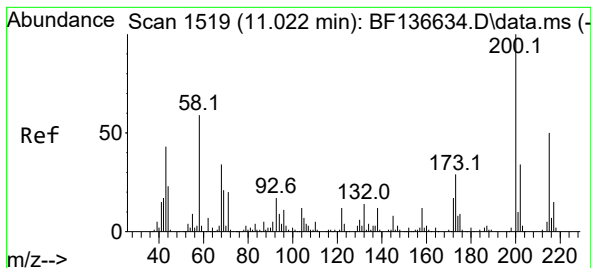
Tgt Ion:248 Resp: 124121
Ion Ratio Lower Upper
248 100
250 100.8 77.0 115.4
141 73.0 63.0 94.4



#68
Hexachlorobenzene
Concen: 41.119 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:284 Resp: 140538
Ion Ratio Lower Upper
284 100
142 28.4 26.6 40.0
249 28.0 23.9 35.9





#69

Atrazine

Concen: 33.579 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

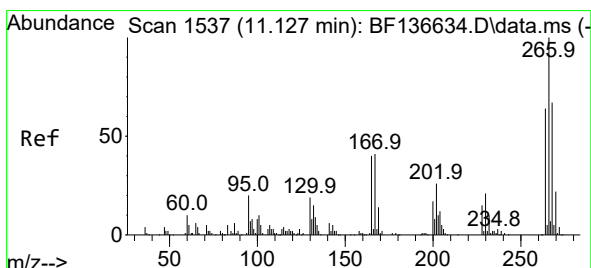
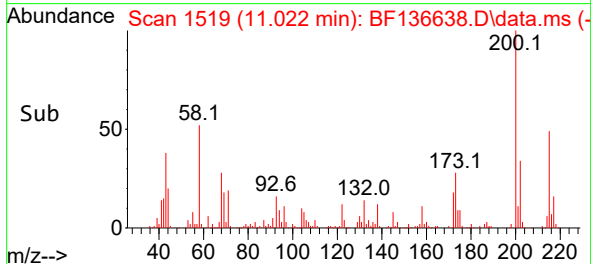
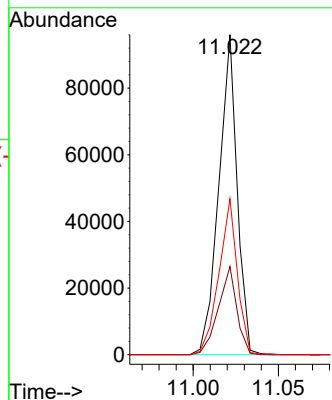
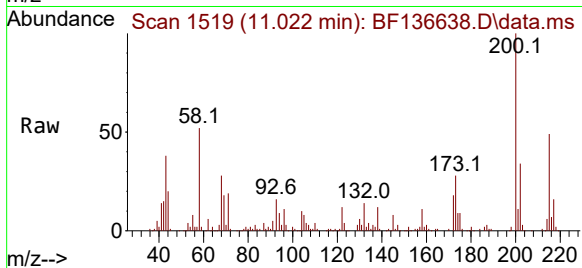
Tgt Ion:200 Resp: 71861

Ion Ratio Lower Upper

200 100

173 27.5 8.8 48.8

215 48.7 29.7 69.7



#70

Pentachlorophenol

Concen: 41.852 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

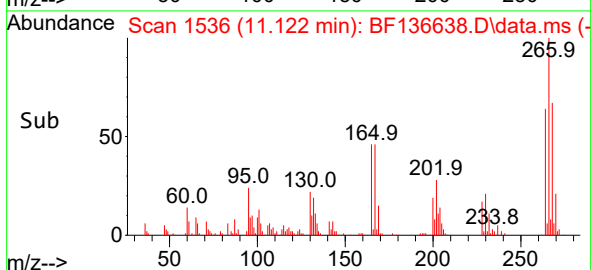
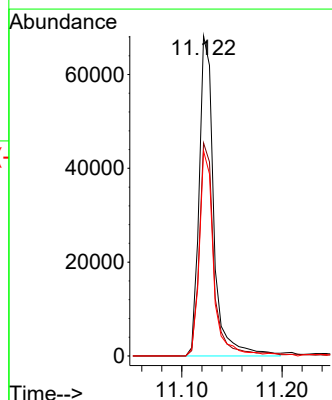
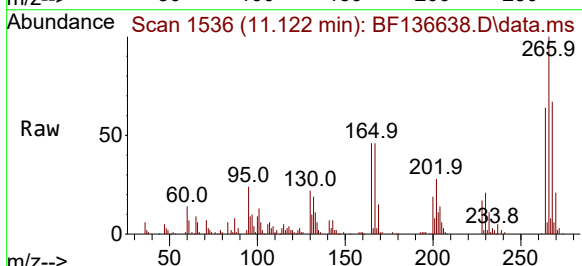
Tgt Ion:266 Resp: 69526

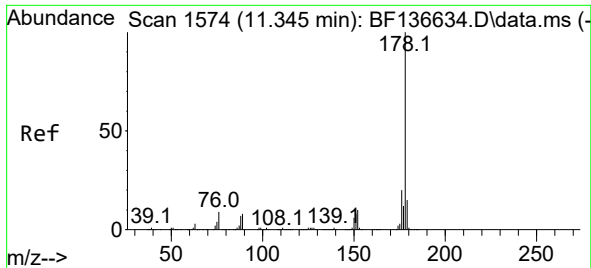
Ion Ratio Lower Upper

266 100

268 66.5 53.6 80.4

264 64.1 51.3 76.9

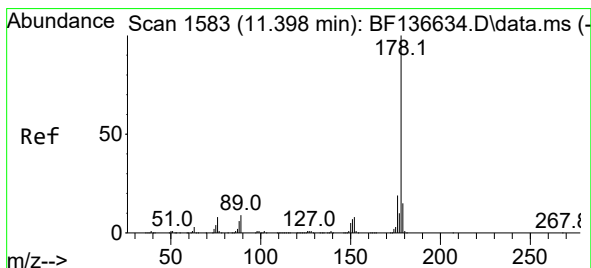
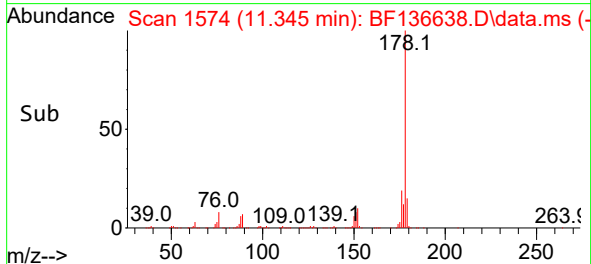
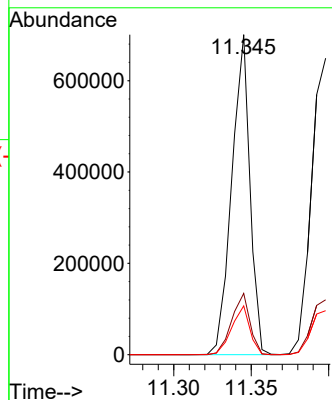
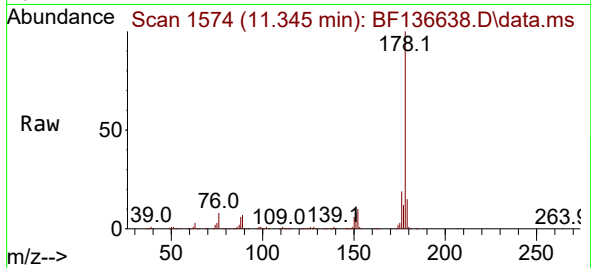




#71
Phenanthrene
Concen: 40.317 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

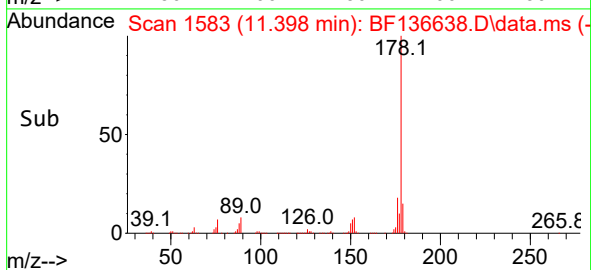
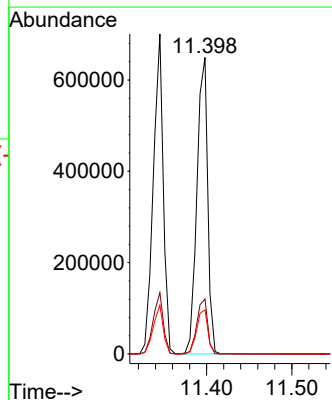
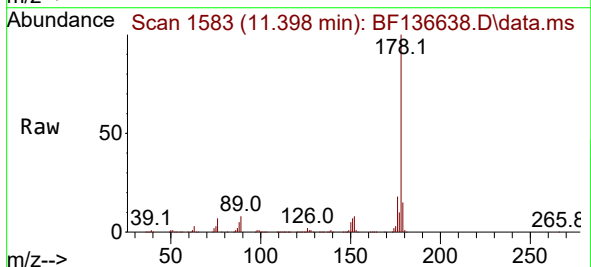
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

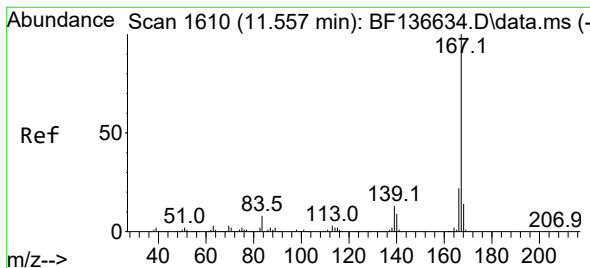
Tgt Ion:178 Resp: 570731
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.3 11.9 17.9



#72
Anthracene
Concen: 39.932 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:178 Resp: 571500
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 14.8 12.0 18.0





#73

Carbazole

Concen: 40.513 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

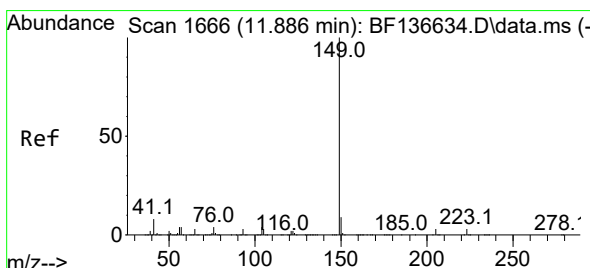
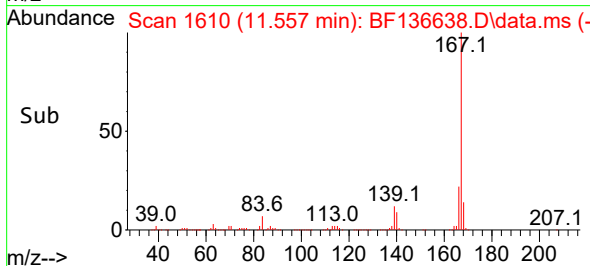
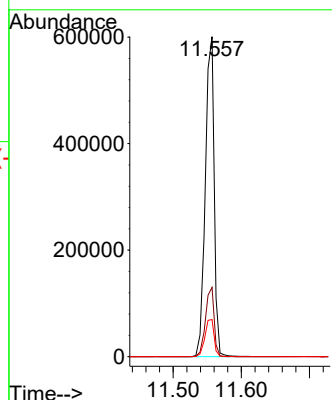
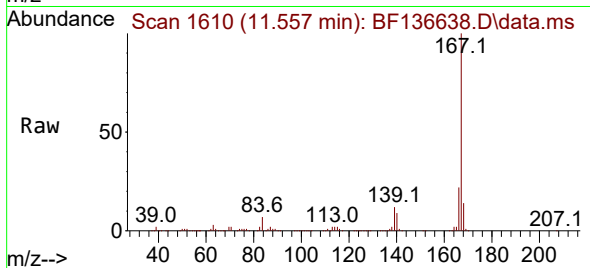
Tgt Ion:167 Resp: 543172

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 11.6 10.0 15.0



#74

Di-n-butylphthalate

Concen: 40.986 ng

RT: 11.886 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

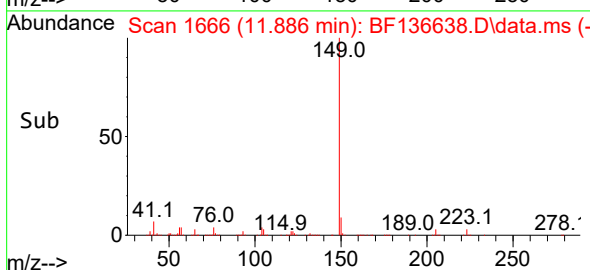
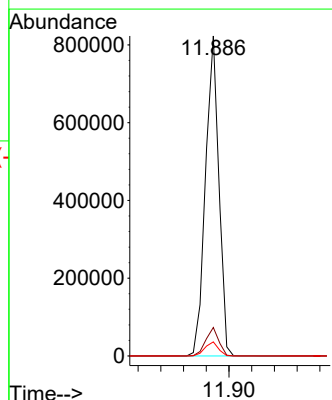
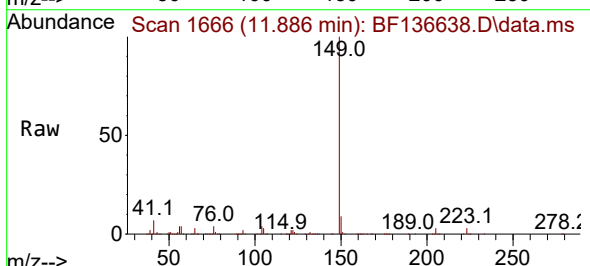
Tgt Ion:149 Resp: 671405

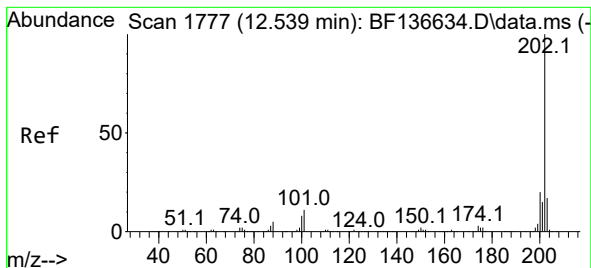
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 40.143 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

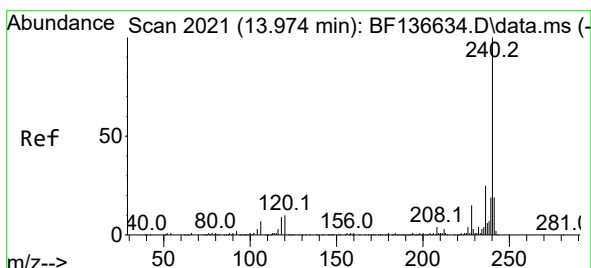
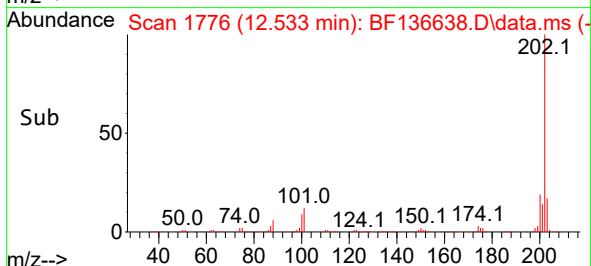
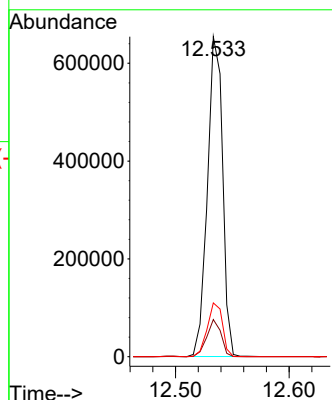
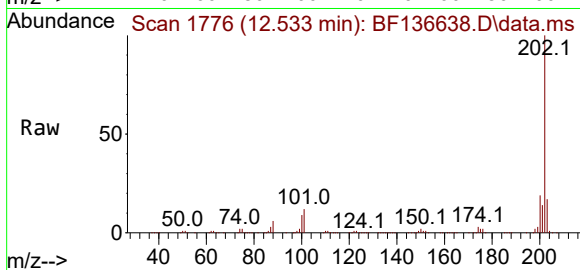
Tgt Ion:202 Resp: 605585

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.2

203 16.8 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

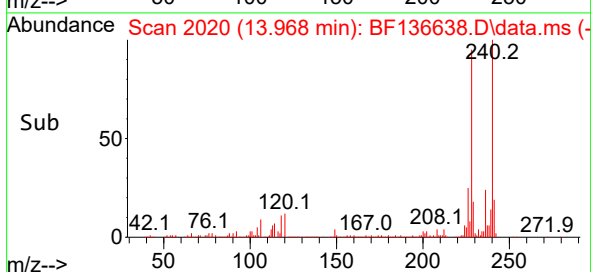
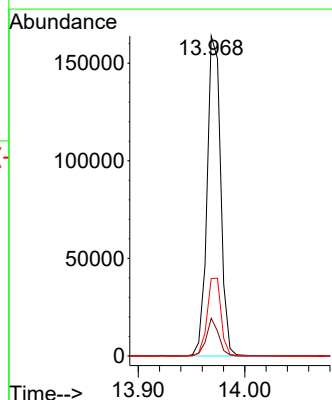
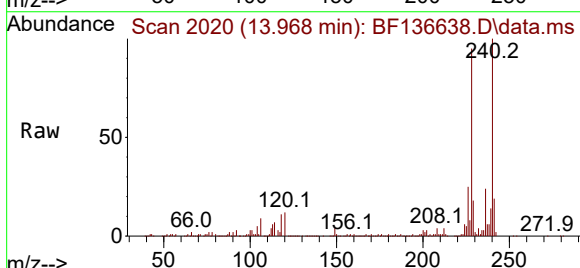
Tgt Ion:240 Resp: 145609

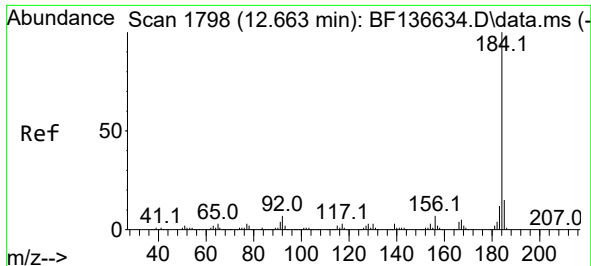
Ion Ratio Lower Upper

240 100

120 11.8 7.6 11.4#

236 24.2 20.2 30.2

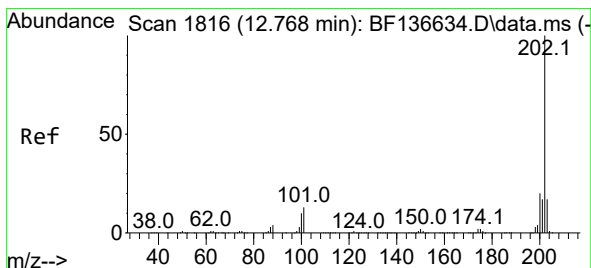
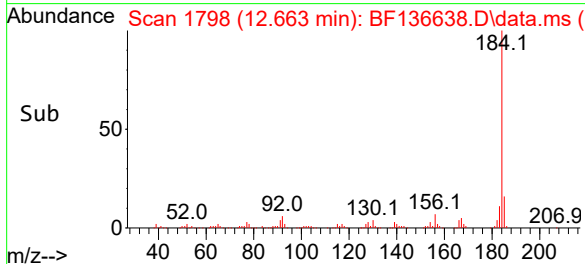
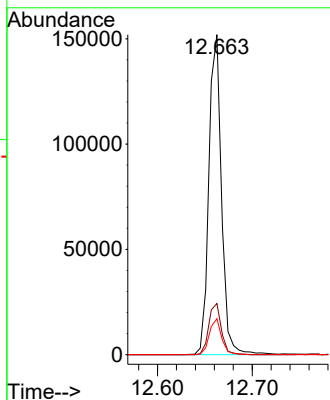
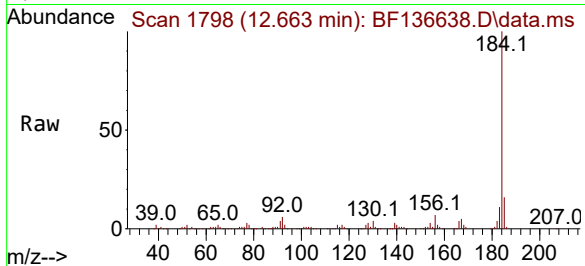




#77
Benzidine
Concen: 34.984 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

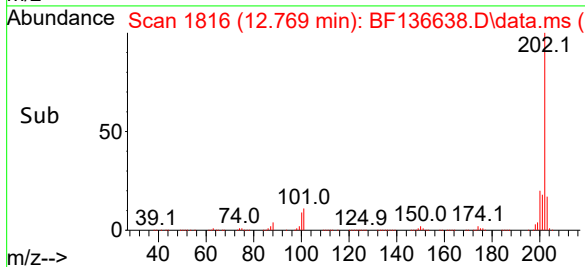
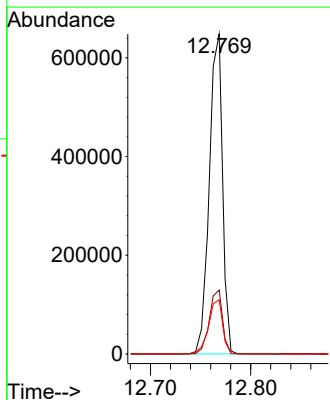
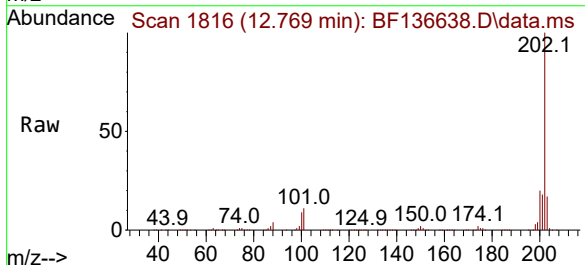
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

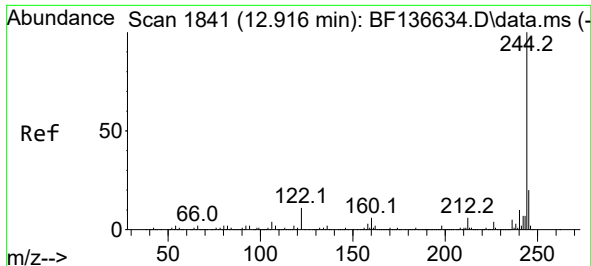
Tgt Ion:184 Resp: 140840
Ion Ratio Lower Upper
184 100
185 16.0 11.7 17.5
183 11.3 9.5 14.3



#78
Pyrene
Concen: 41.615 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:202 Resp: 597760
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 16.9 13.4 20.2

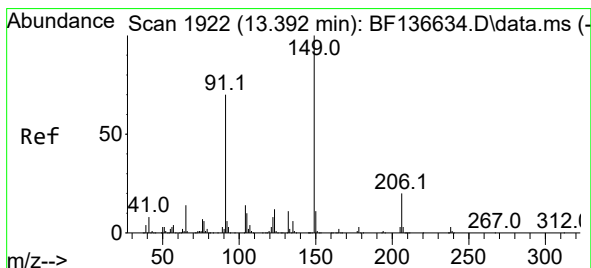
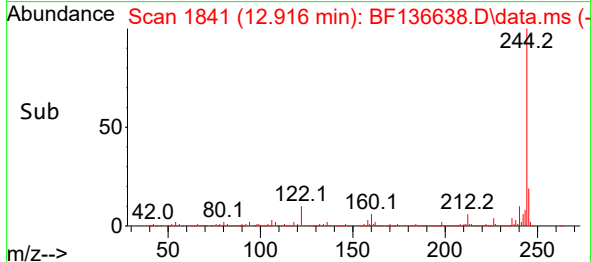
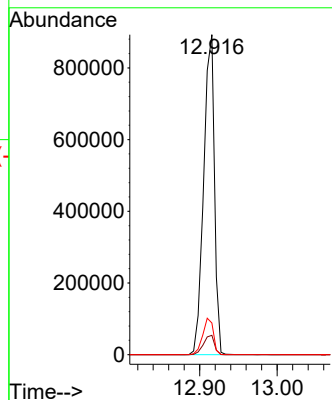
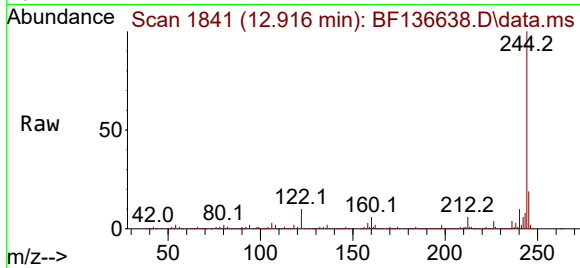




#79
 Terphenyl-d14
 Concen: 83.445 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136638.D
 Acq: 19 Dec 2023 19:15

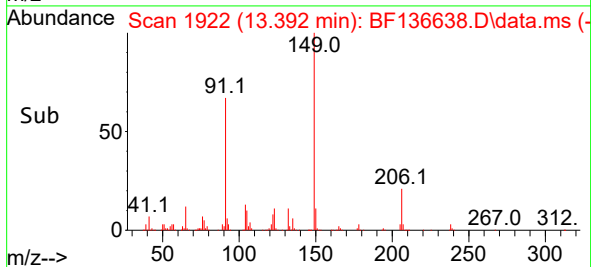
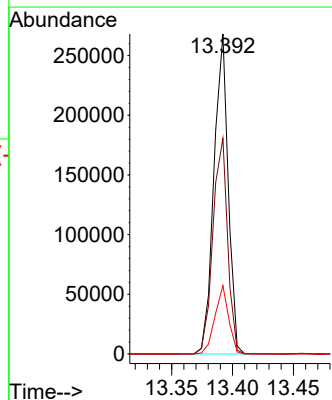
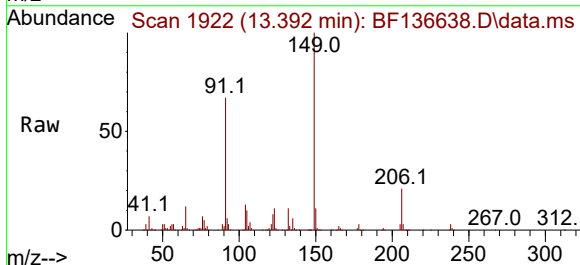
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121923

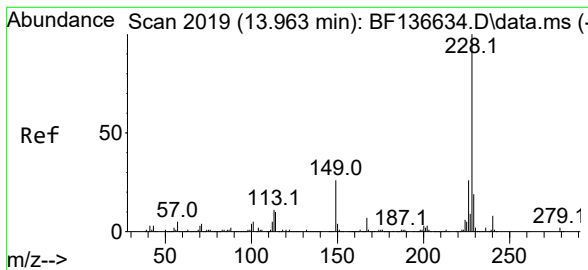
Tgt Ion:244 Resp: 862850
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.1 7.7
 122 9.9 9.2 13.8



#80
 Butylbenzylphthalate
 Concen: 42.960 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF136638.D
 Acq: 19 Dec 2023 19:15

Tgt Ion:149 Resp: 219072
 Ion Ratio Lower Upper
 149 100
 91 67.4 56.0 84.0
 206 21.3 16.2 24.4

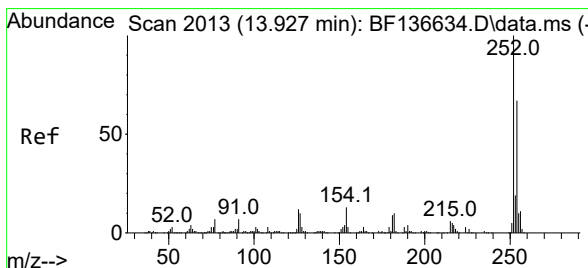
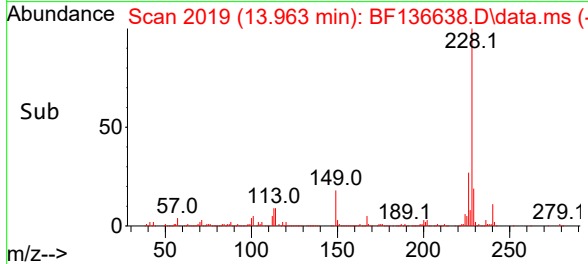
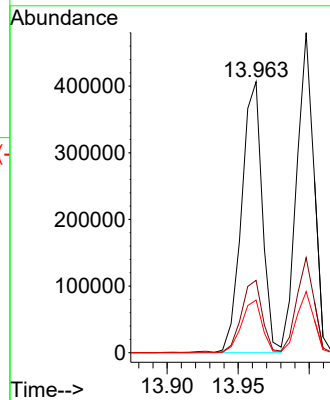
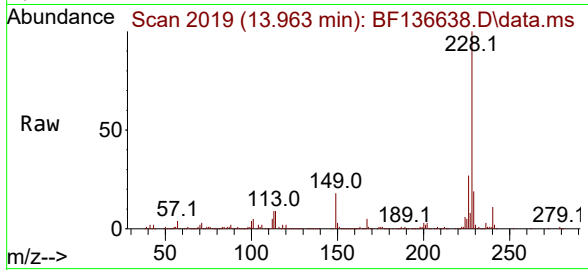




#81
Benzo(a)anthracene
Concen: 40.842 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

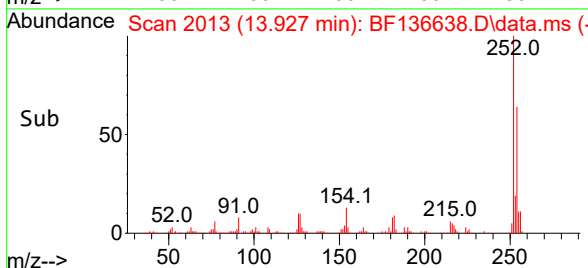
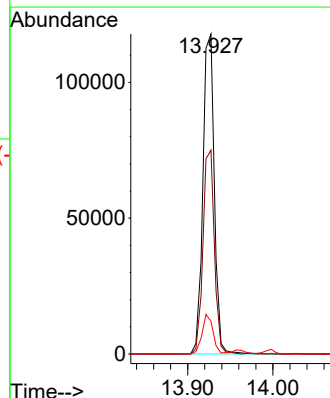
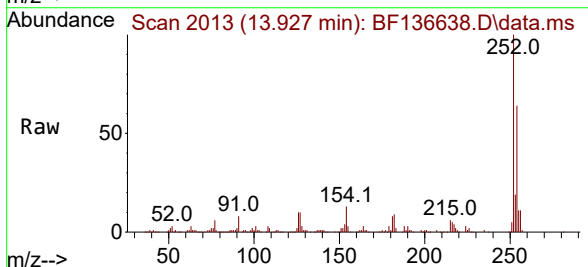
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

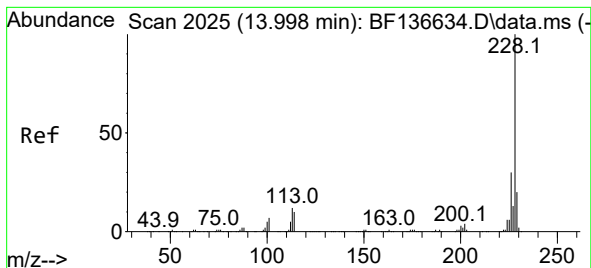
Tgt Ion:228 Resp: 412328
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.4 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 40.139 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:252 Resp: 109745
Ion Ratio Lower Upper
252 100
254 63.7 53.4 80.0
126 10.2 9.4 14.2





#83

Chrysene

Concen: 41.413 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

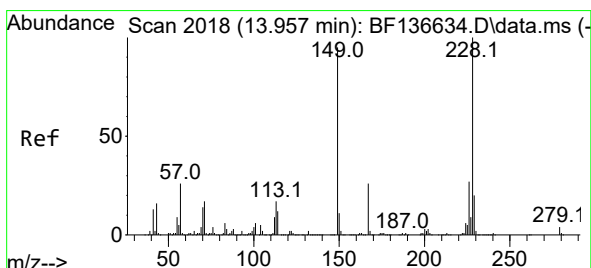
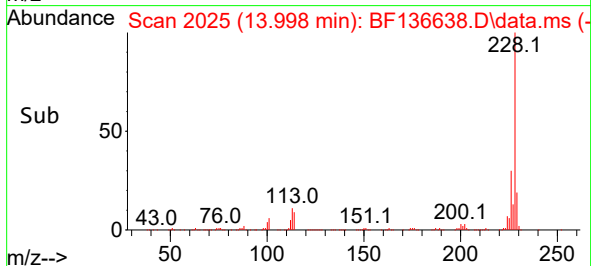
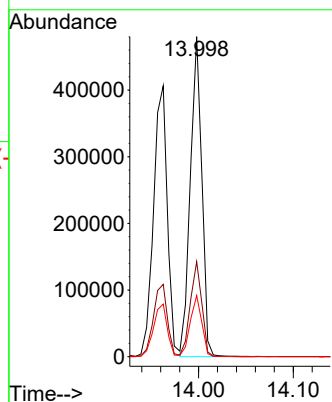
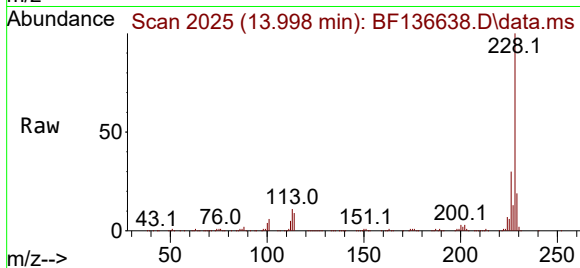
Tgt Ion:228 Resp: 403929

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

229 19.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.625 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

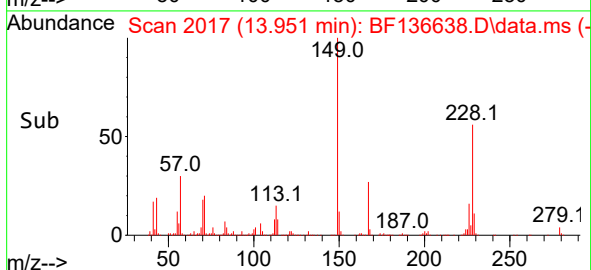
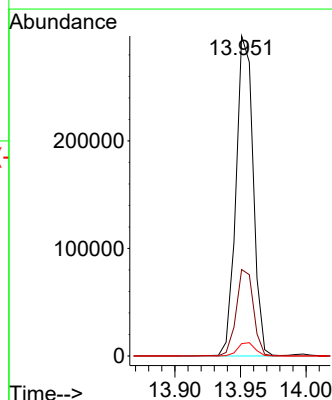
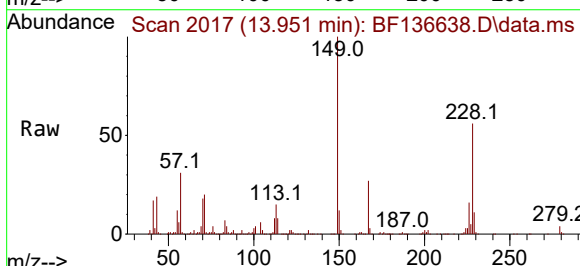
Tgt Ion:149 Resp: 271693

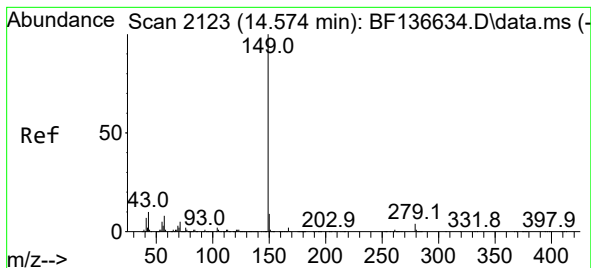
Ion Ratio Lower Upper

149 100

167 27.0 21.5 32.3

279 3.9 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 43.436 ng

RT: 14.568 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

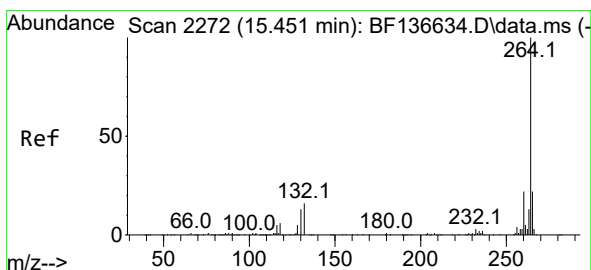
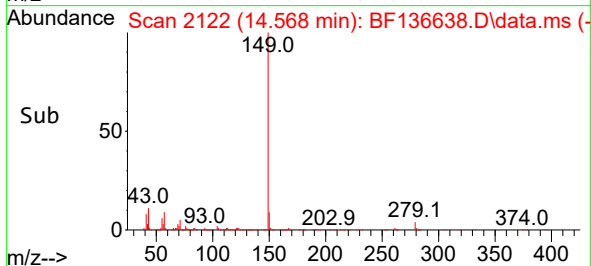
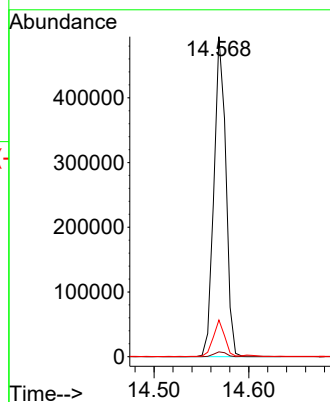
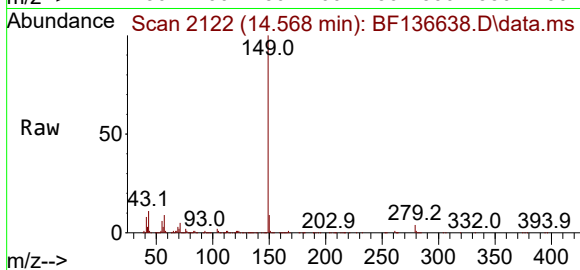
Tgt Ion:149 Resp: 431484

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.8 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

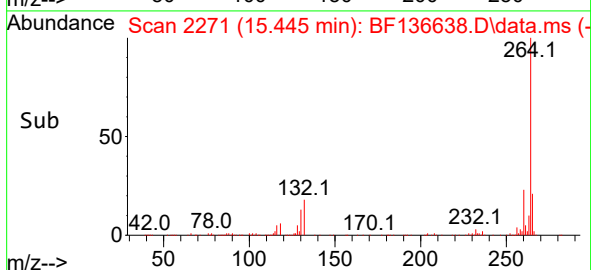
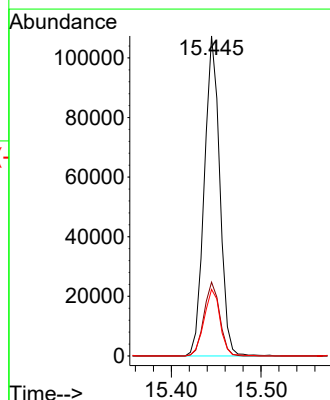
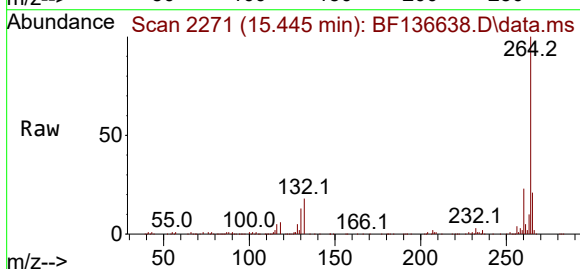
Tgt Ion:264 Resp: 128291

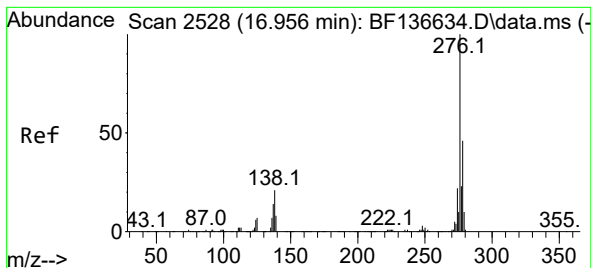
Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 20.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.558 ng

RT: 16.951 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

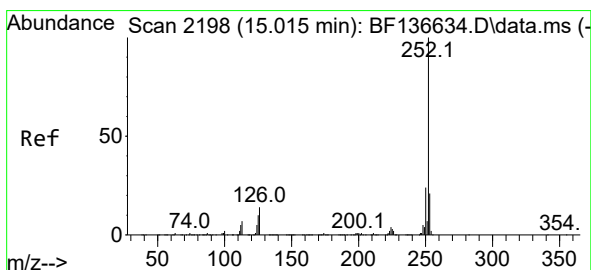
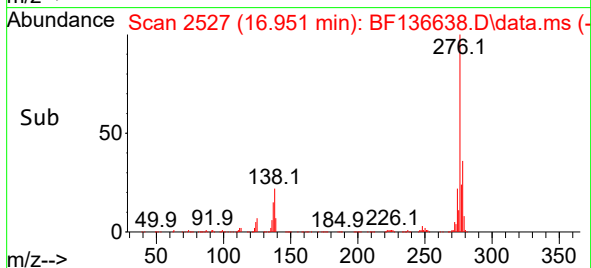
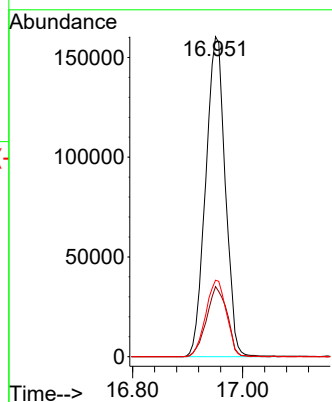
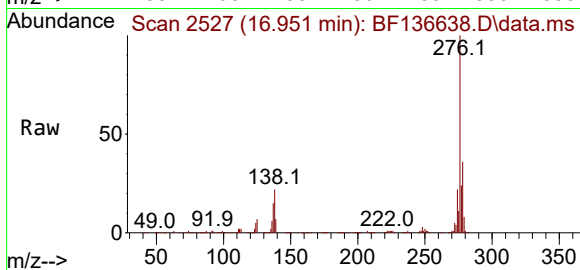
Tgt Ion:276 Resp: 397331

Ion Ratio Lower Upper

276 100

138 23.1 18.5 27.7

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 39.109 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

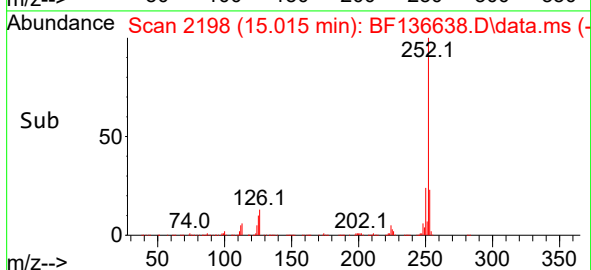
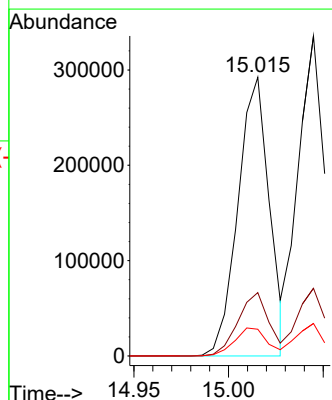
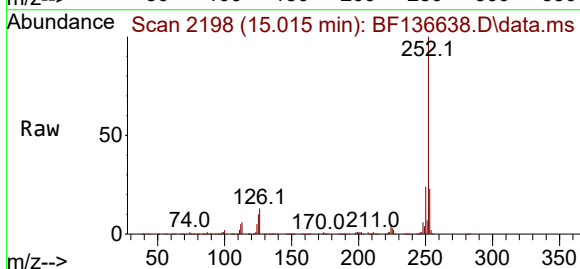
Tgt Ion:252 Resp: 336909

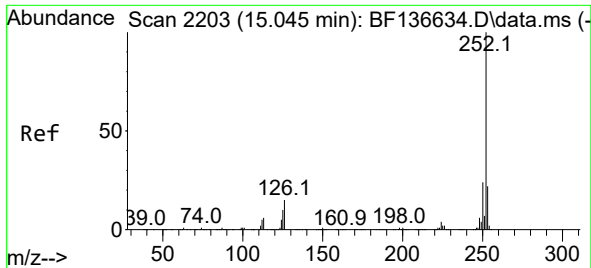
Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

125 9.6 8.1 12.1

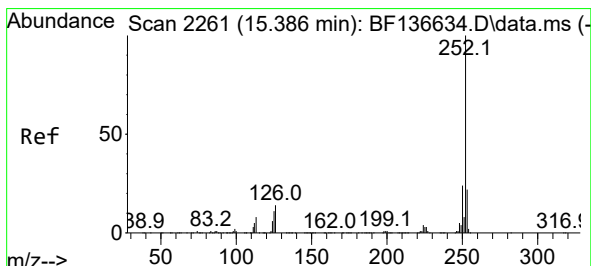
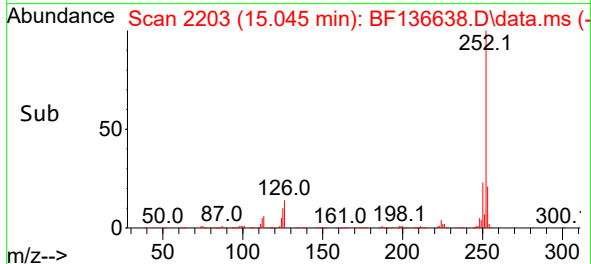
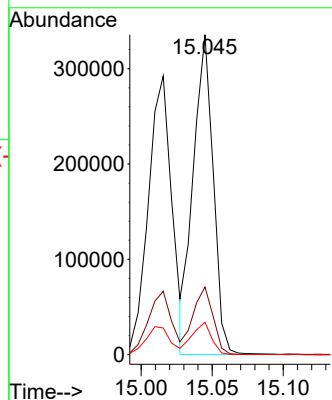
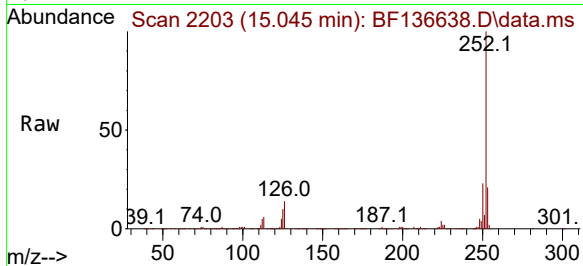




#89
Benzo(k)fluoranthene
Concen: 40.706 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

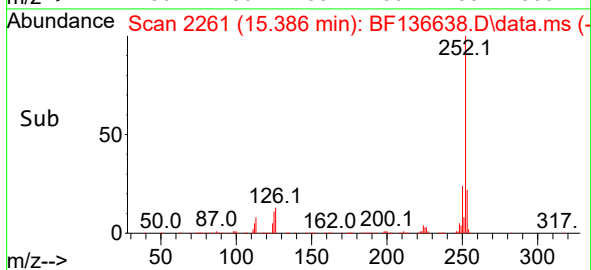
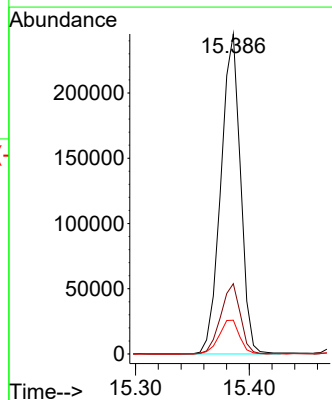
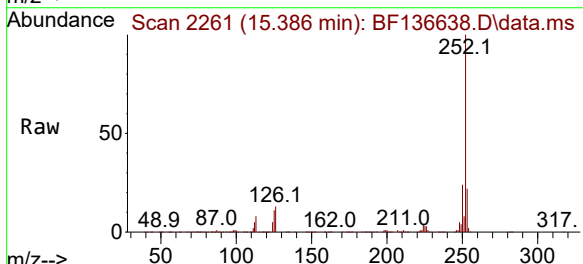
Instrument :
BNA_F
ClientSampleId :
ICVBF121923

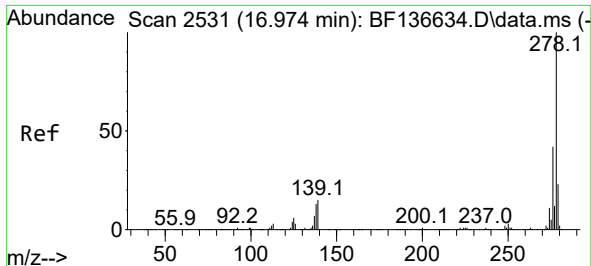
Tgt Ion:252 Resp: 327961
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 10.1 8.6 13.0



#90
Benzo(a)pyrene
Concen: 40.459 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:252 Resp: 294549
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.6 8.7 13.1

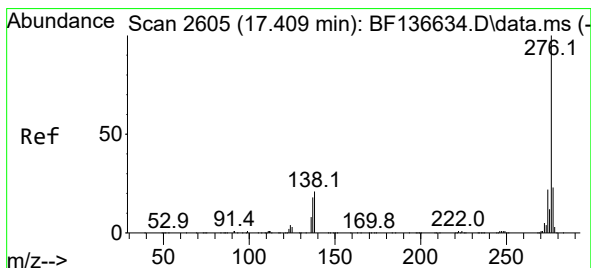
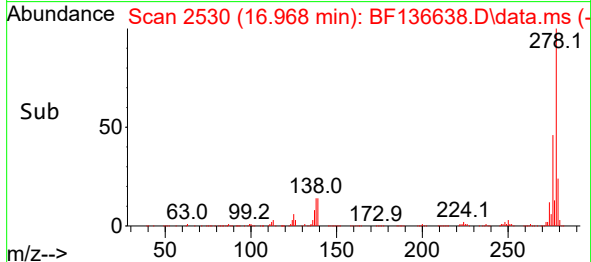
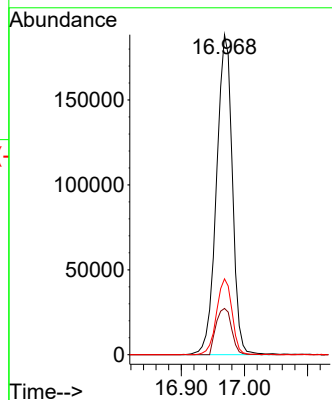
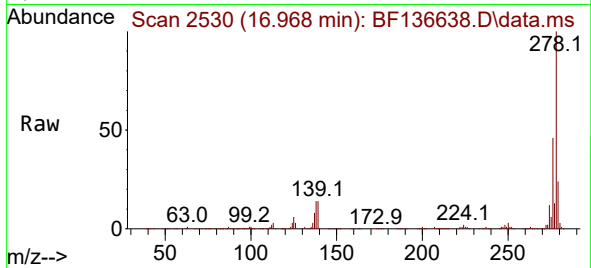




#91
Dibenzo(a,h)anthracene
Concen: 43.954 ng
RT: 16.968 min Scan# 2530
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :
BNA_F
ClientSampleId :
ICVBF121923

Tgt Ion:278 Resp: 328735
Ion Ratio Lower Upper
278 100
139 14.5 11.9 17.9
279 23.7 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 44.083 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:276 Resp: 339255
Ion Ratio Lower Upper
276 100
277 23.9 18.4 27.6
138 18.9 16.6 24.8

