

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136692.D
 Acq On : 22 Dec 2023 18:40
 Operator : CG\JU
 Sample : 05884-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 01:53:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71907	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	270455	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	127227	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	211481	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	124515	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	142018	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	435916	94.588	ng	0.00
7) Phenol-d6	6.434	99	552623	92.542	ng	0.00
23) Nitrobenzene-d5	7.345	82	349556	66.137	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	129064	86.136	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	638082	67.455	ng	-0.01
79) Terphenyl-d14	12.898	244	497999	55.892	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	71057	37.005	ng	98
3) Pyridine	3.369	79	172835	36.890	ng	99
4) n-Nitrosodimethylamine	3.334	42	104816	41.894	ng	95
6) Aniline	6.451	93	178628	29.919	ng	# 47
8) 2-Chlorophenol	6.575	128	208395	41.321	ng	95
9) Benzaldehyde	6.334	77	56709	16.696	ng	98
10) Phenol	6.445	94	247044	38.754	ng	92
11) bis(2-Chloroethyl)ether	6.522	93	193027	39.817	ng	99
12) 1,3-Dichlorobenzene	6.722	146	212859	38.689	ng	99
13) 1,4-Dichlorobenzene	6.798	146	217255	38.647	ng	99
14) 1,2-Dichlorobenzene	6.951	146	202716	38.753	ng	99
15) Benzyl Alcohol	6.934	79	170701	42.371	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	311423	39.291	ng	86
17) 2-Methylphenol	7.045	107	164644	39.407	ng	96
18) Hexachloroethane	7.286	117	78685	38.541	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	141627	39.124	ng	99
20) 3+4-Methylphenols	7.198	107	205983	39.463	ng	# 81
22) Acetophenone	7.192	105	286341	42.240	ng	94
24) Nitrobenzene	7.363	77	212451	40.127	ng	99
25) Isophorone	7.604	82	379733	39.485	ng	100
26) 2-Nitrophenol	7.681	139	106998	42.240	ng	97
27) 2,4-Dimethylphenol	7.722	122	149954	48.624	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	235927	40.358	ng	98
29) 2,4-Dichlorophenol	7.928	162	160715	40.479	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	174301	39.402	ng	98
31) Naphthalene	8.081	128	590399	39.736	ng	99
32) Benzoic acid	7.851	122	90879	30.456	ng	96
33) 4-Chloroaniline	8.133	127	86972	15.854	ng	96
34) Hexachlorobutadiene	8.198	225	102626	38.184	ng	99
35) Caprolactam	8.510	113	44522	33.992	ng	91
36) 4-Chloro-3-methylphenol	8.628	107	173331	38.779	ng	98
37) 2-Methylnaphthalene	8.775	142	367186	38.400	ng	99
38) 1-Methylnaphthalene	8.875	142	357324	38.089	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	177427	45.030	ng	98
41) Hexachlorocyclopentadiene	8.928	237	89233	71.578	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	110810	43.852	ng	98

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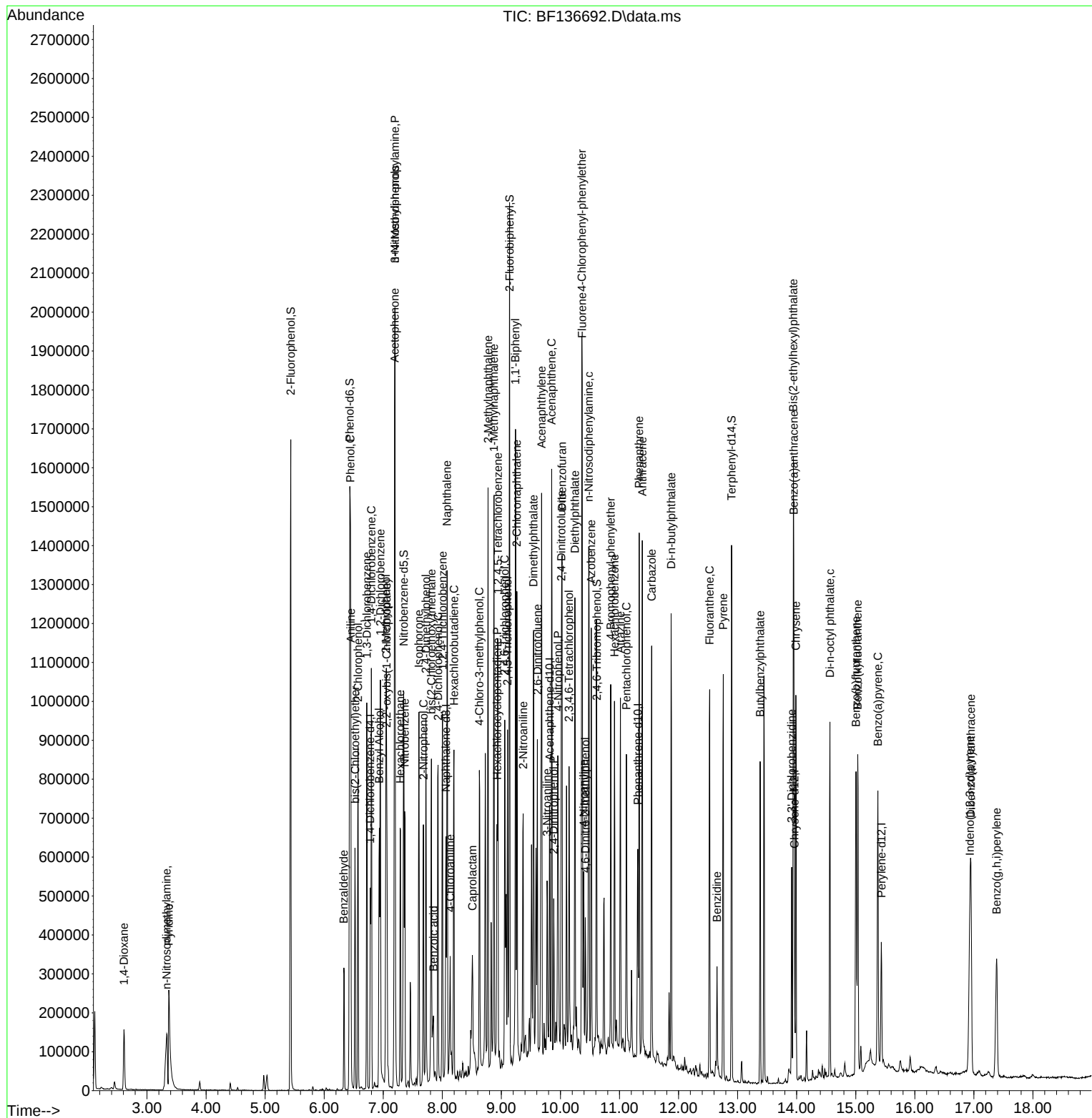
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	115500	41.018	ng	95
46) 1,1'-Biphenyl	9.239	154	468610	43.893	ng	99
47) 2-Chloronaphthalene	9.263	162	337462	41.578	ng	100
48) 2-Nitroaniline	9.369	65	110676	43.546	ng	93
49) Acenaphthylene	9.680	152	560469	45.179	ng	100
50) Dimethylphthalate	9.545	163	388305	41.785	ng	99
51) 2,6-Dinitrotoluene	9.610	165	86001	40.777	ng	87
52) Acenaphthene	9.851	154	313417	40.756	ng	99
53) 3-Nitroaniline	9.774	138	66940	29.962	ng	96
54) 2,4-Dinitrophenol	9.886	184	47770	42.695	ng	# 79
55) Dibenzofuran	10.027	168	475478	40.789	ng	98
56) 4-Nitrophenol	9.957	139	109753	72.772	ng	95
57) 2,4-Dinitrotoluene	10.016	165	106349	38.843	ng	98
58) Fluorene	10.369	166	364661	39.425	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.145	232	86565	39.936	ng	# 100
60) Diethylphthalate	10.245	149	393284	40.789	ng	99
61) 4-Chlorophenyl-phenylether	10.363	204	176750	39.314	ng	97
62) 4-Nitroaniline	10.392	138	76405	35.475	ng	95
63) Azobenzene	10.522	77	351950	39.081	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	37308	30.782	ng	94
66) n-Nitrosodiphenylamine	10.480	169	331812	48.300	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	103312	43.988	ng	96
68) Hexachlorobenzene	10.916	284	110239	42.118	ng	93
69) Atrazine	11.016	200	100415	57.148	ng	99
70) Pentachlorophenol	11.116	266	90277	73.998	ng	98
71) Phenanthrene	11.333	178	462600	42.631	ng	99
72) Anthracene	11.386	178	463900	42.213	ng	99
73) Carbazole	11.545	167	400281	38.633	ng	99
74) Di-n-butylphthalate	11.874	149	555207	43.914	ng	100
75) Fluoranthene	12.527	202	417577	35.976	ng	99
77) Benzidine	12.651	184	111080	30.255	ng	98
78) Pyrene	12.757	202	411458	33.662	ng	99
80) Butylbenzylphthalate	13.380	149	176219	39.620	ng	96
81) Benzo(a)anthracene	13.951	228	356313	41.210	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	106690	43.450	ng	99
83) Chrysene	13.986	228	347702	41.123	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	233347	41.699	ng	# 97
85) Di-n-octyl phthalate	14.562	149	417680	48.252	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	356583	34.775	ng	99
88) Benzo(b)fluoranthene	15.004	252	402574	42.441	ng	99
89) Benzo(k)fluoranthene	15.033	252	334976	37.373	ng	99
90) Benzo(a)pyrene	15.374	252	331025	41.343	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	303841	36.119	ng	97
92) Benzo(g,h,i)perylene	17.386	276	264584	30.709	ng	97

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

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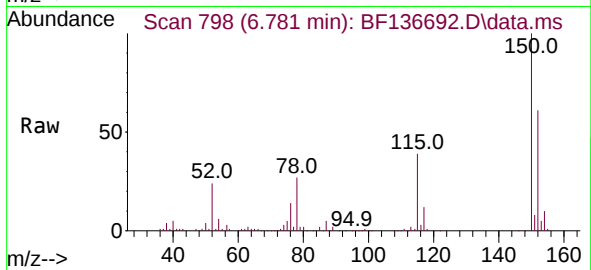
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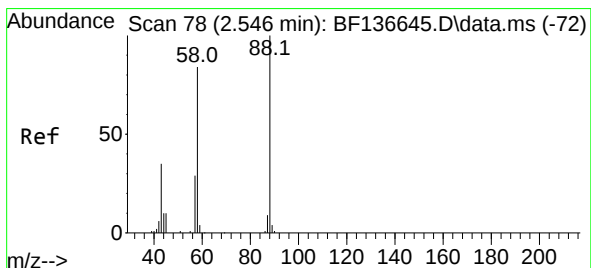
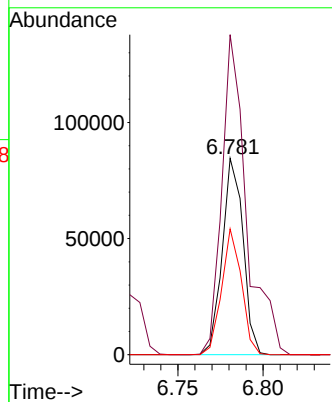
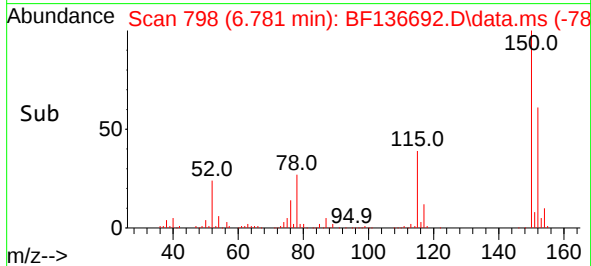


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF136692.D
 Acq: 22 Dec 2023 18:40

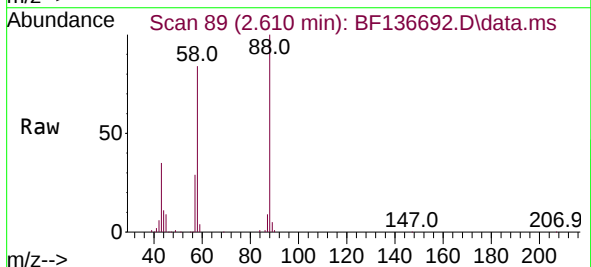
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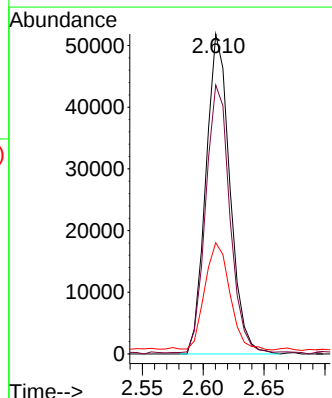
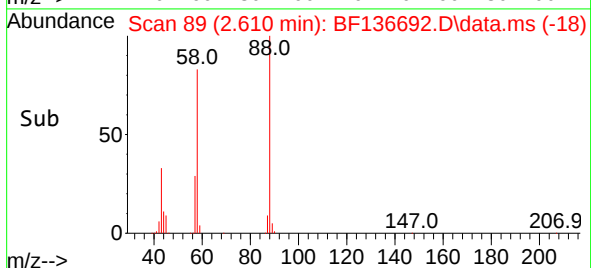
Tgt Ion:152 Resp: 71907
 Ion Ratio Lower Upper
 152 100
 150 163.0 127.0 190.6
 115 64.1 49.0 73.4

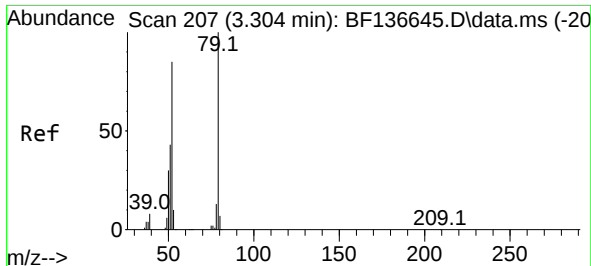


#2
 1,4-Dioxane
 Concen: 37.005 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.065 min
 Lab File: BF136692.D
 Acq: 22 Dec 2023 18:40



Tgt Ion: 88 Resp: 71057
 Ion Ratio Lower Upper
 88 100
 58 86.1 67.4 101.0
 43 35.1 27.7 41.5

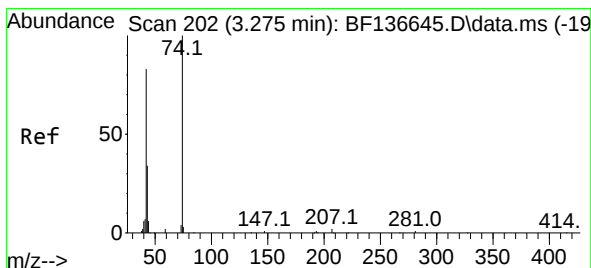
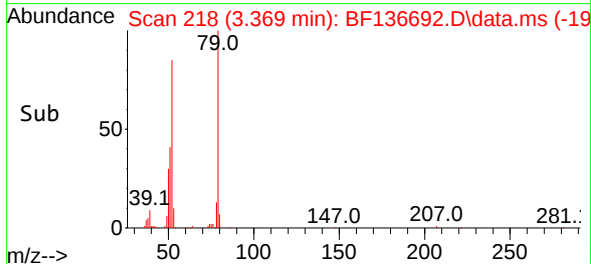
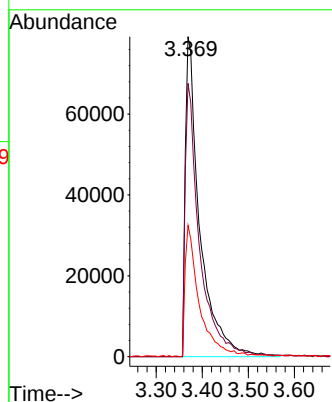
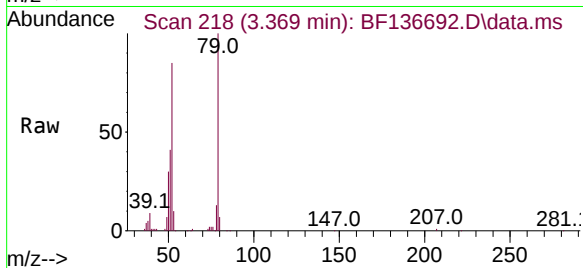




#3
Pyridine
Concen: 36.890 ng
RT: 3.369 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

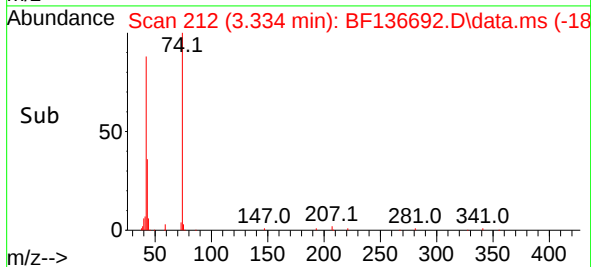
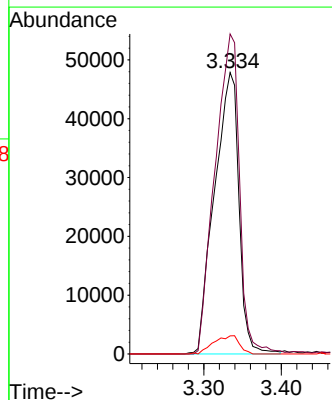
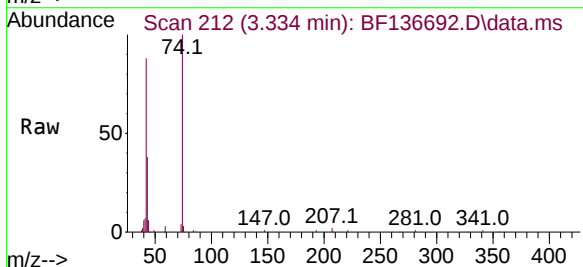
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 172835
Ion Ratio Lower Upper
79 100
52 85.4 67.7 101.5
51 41.0 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 41.894 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion: 42 Resp: 104816
Ion Ratio Lower Upper
42 100
74 113.7 96.0 144.0
44 6.4 5.4 8.2

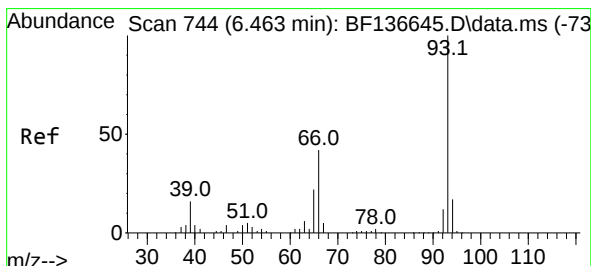
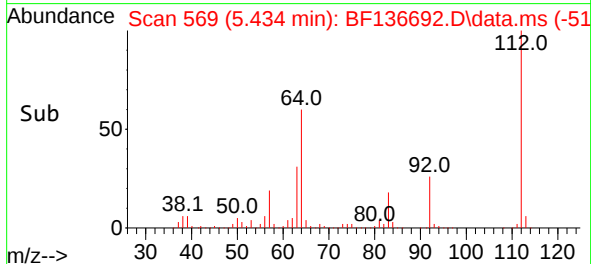
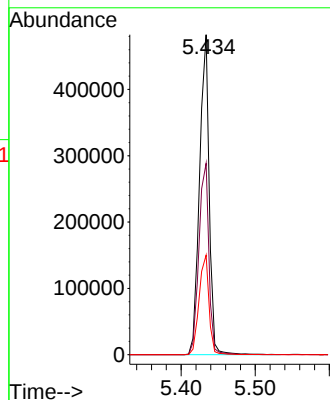
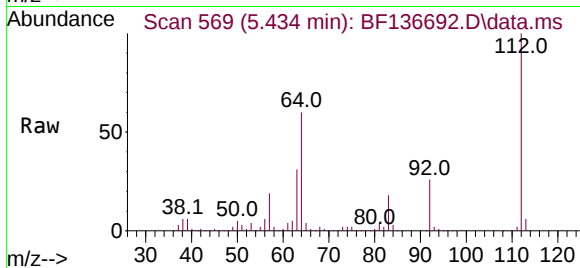




#5
2-Fluorophenol
Concen: 94.588 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

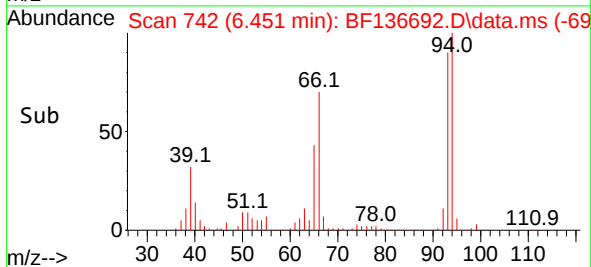
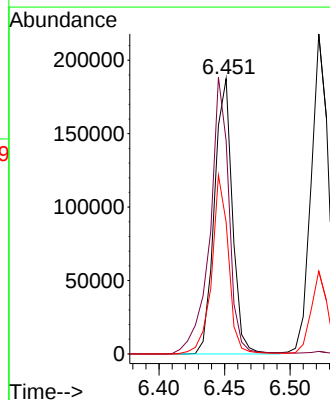
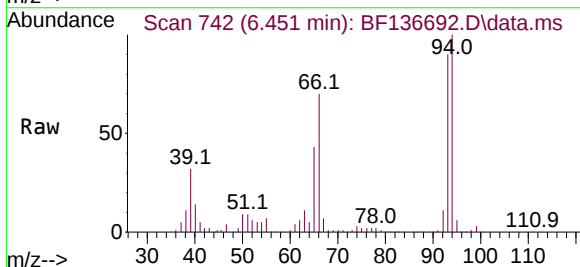
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BNA_F
ClientSampleId :

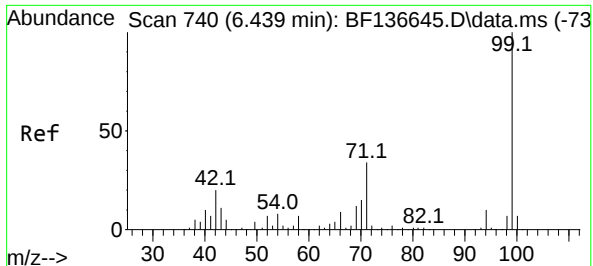
Tgt Ion:112 Resp: 435916
Ion Ratio Lower Upper
112 100
64 59.8 51.1 76.7
63 31.1 26.1 39.1



#6
Aniline
Concen: 29.919 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion: 93 Resp: 178628
Ion Ratio Lower Upper
93 100
66 77.4 34.6 51.8#
65 47.9 17.8 26.8#

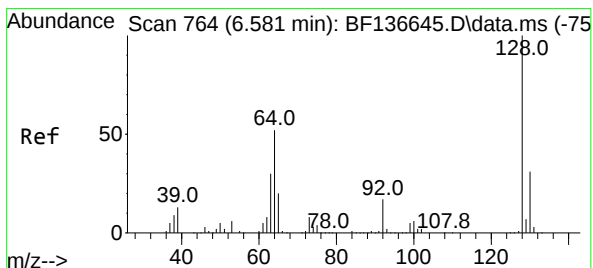
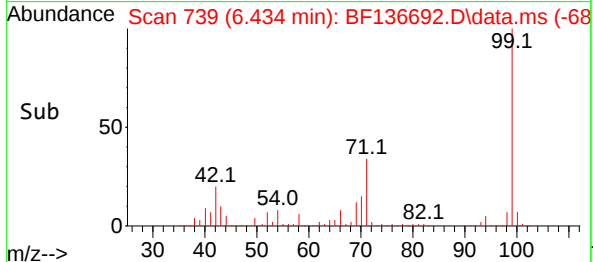
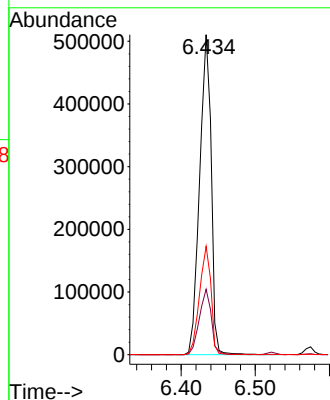
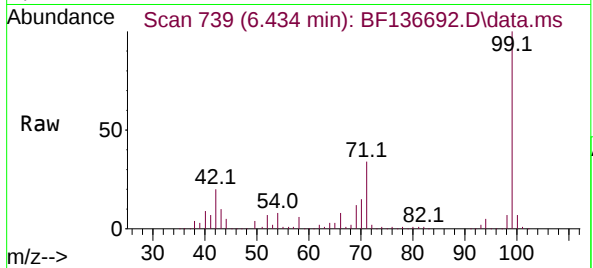




#7
Phenol-d6
Concen: 92.542 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

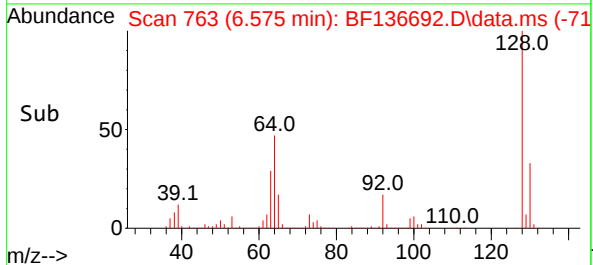
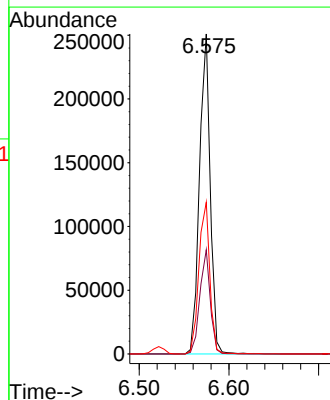
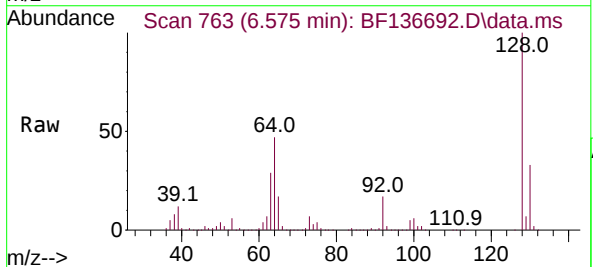
Instrument :
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Tgt Ion: 99 Resp: 552623
Ion Ratio Lower Upper
99 100
42 20.5 16.1 24.1
71 33.9 27.4 41.2



#8
2-Chlorophenol
Concen: 41.321 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136692.D
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Tgt Ion:128 Resp: 208395
Ion Ratio Lower Upper
128 100
130 32.5 11.3 51.3
64 47.4 32.5 72.5





#9

Benzaldehyde

Concen: 16.696 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF136692.D

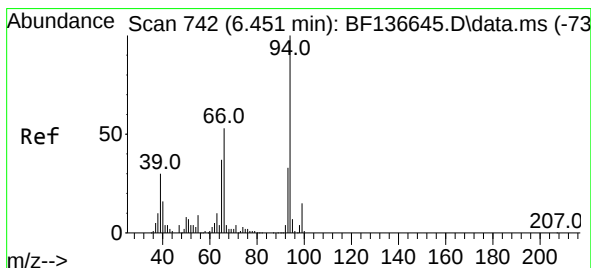
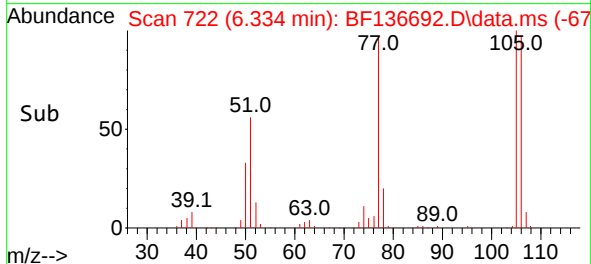
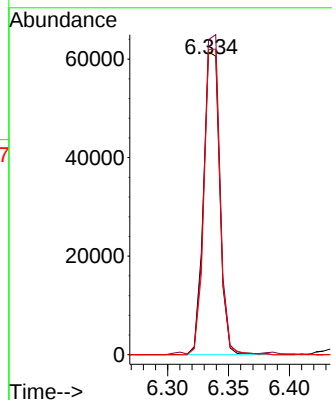
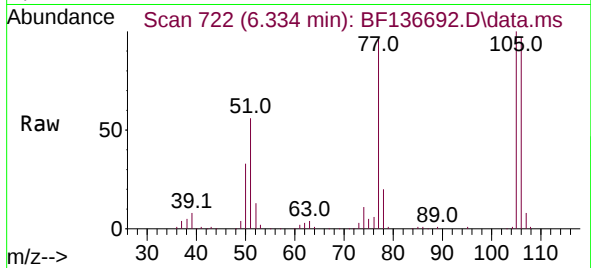
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Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	77	Resp:	56709
Ion	Ratio	Lower	Upper
77	100		
105	104.1	84.8	124.8
106	100.8	77.8	117.8



#10

Phenol

Concen: 38.754 ng

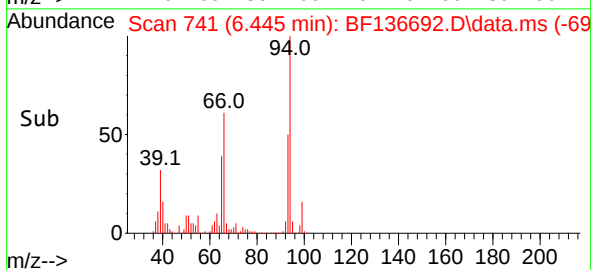
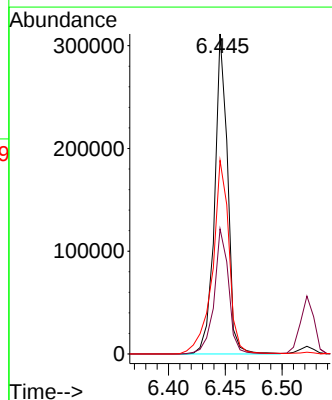
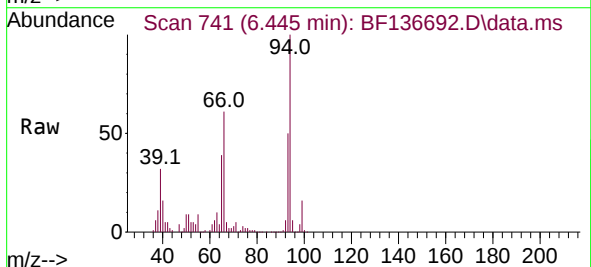
RT: 6.445 min Scan# 741

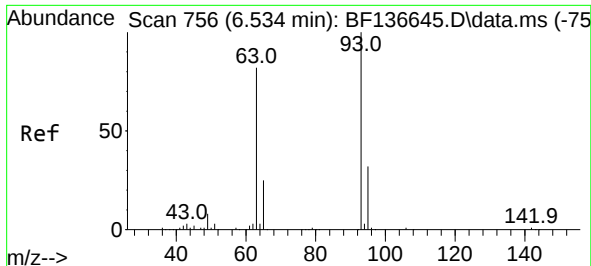
Delta R.T. -0.006 min

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Tgt Ion:	94	Resp:	247044
Ion	Ratio	Lower	Upper
94	100		
65	39.1	16.6	56.6
66	60.5	32.6	72.6

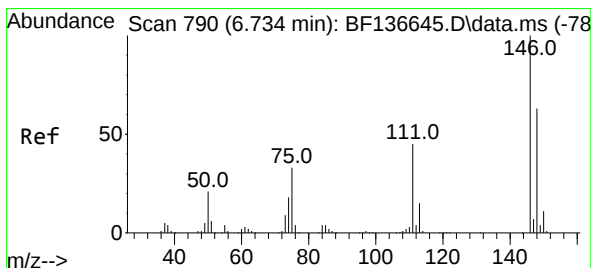
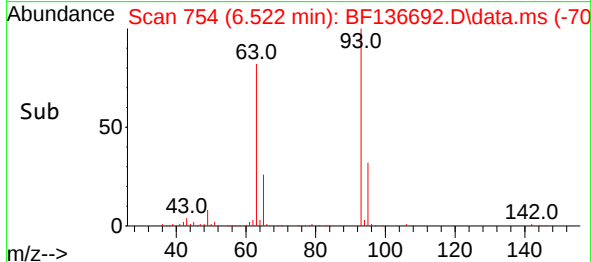
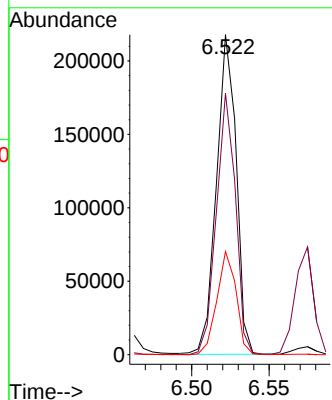
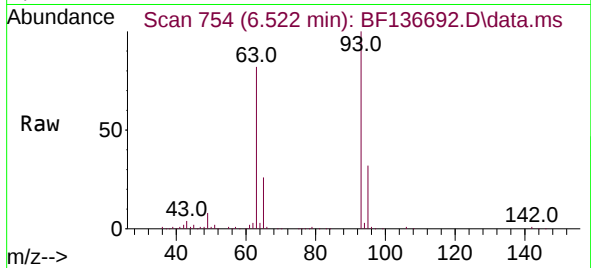




#11
bis(2-Chloroethyl)ether
Concen: 39.817 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

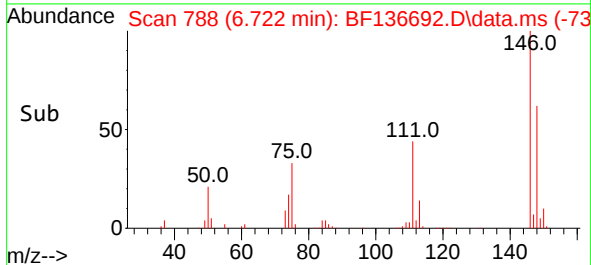
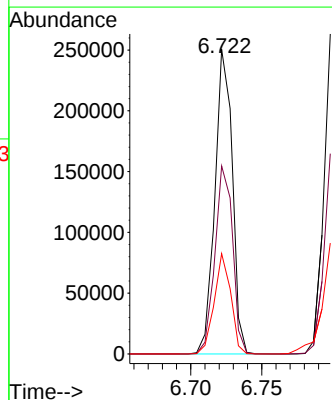
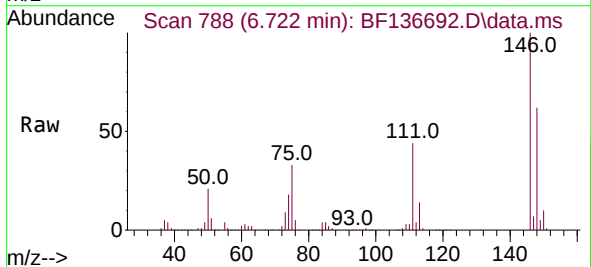
Instrument :
BNA_F
ClientSampleId :

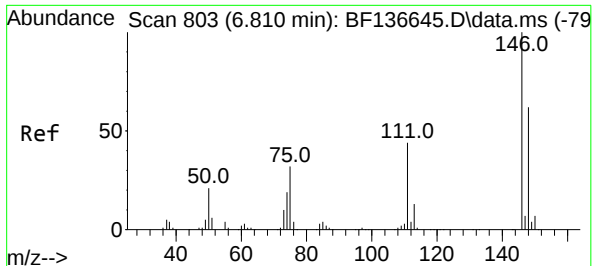
Tgt Ion: 93 Resp: 193027
Ion Ratio Lower Upper
93 100
63 81.7 61.2 101.2
95 32.2 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 38.689 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion:146 Resp: 212859
Ion Ratio Lower Upper
146 100
148 61.7 50.5 75.7
75 32.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.647 ng

RT: 6.798 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

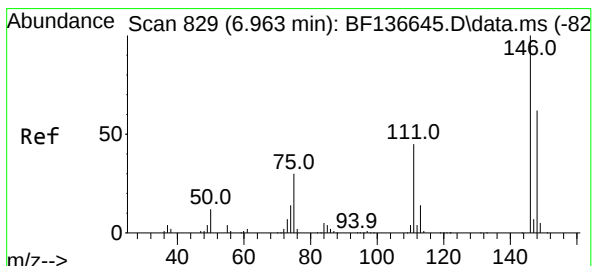
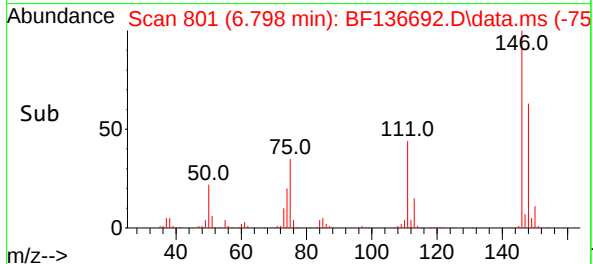
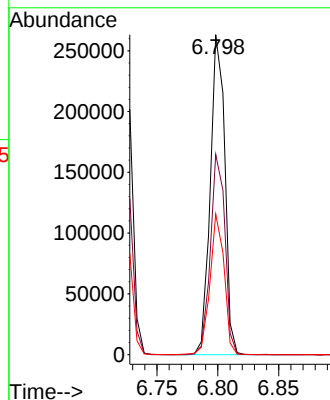
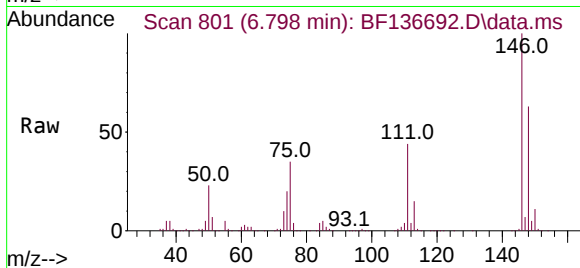
Tgt Ion:146 Resp: 217255

Ion Ratio Lower Upper

146 100

148 62.6 49.2 73.8

111 44.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.753 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

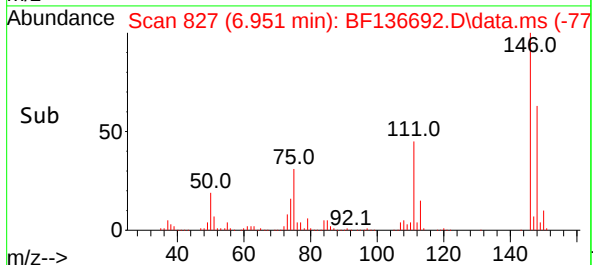
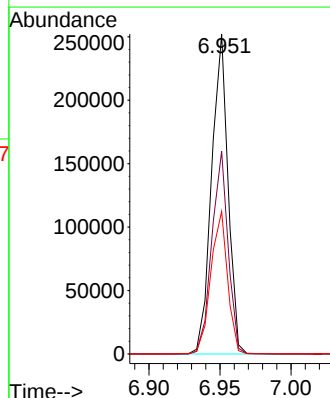
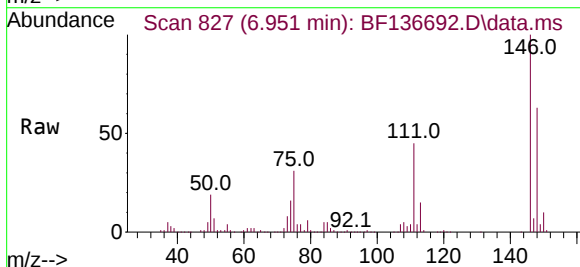
Tgt Ion:146 Resp: 202716

Ion Ratio Lower Upper

146 100

148 63.4 49.6 74.4

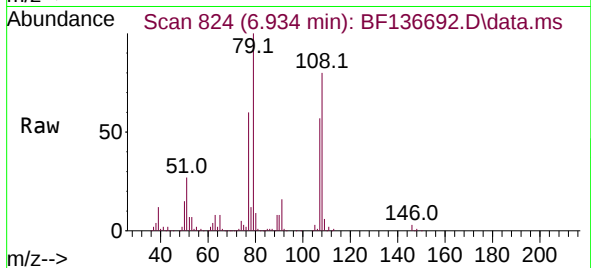
111 44.5 36.2 54.2



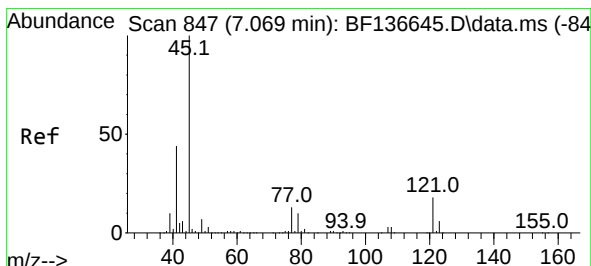
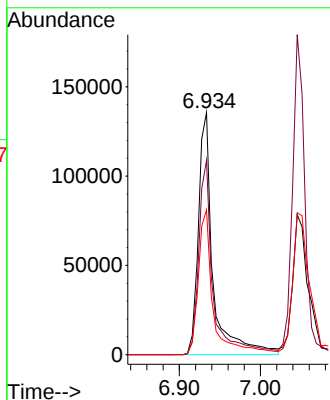
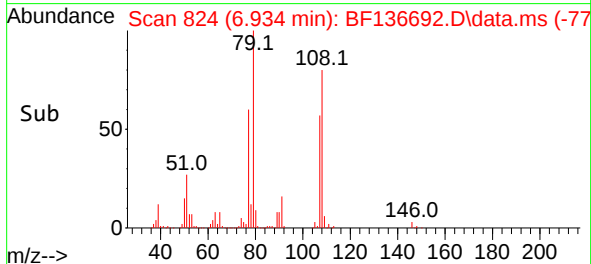


#15
Benzyl Alcohol
Concen: 42.371 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Instrument :
BNA_F
ClientSampleId :

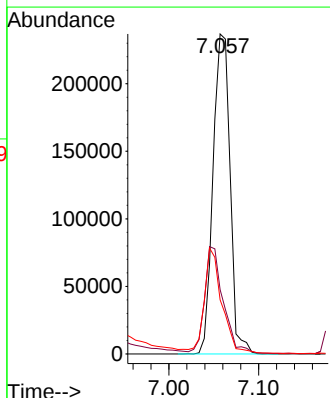
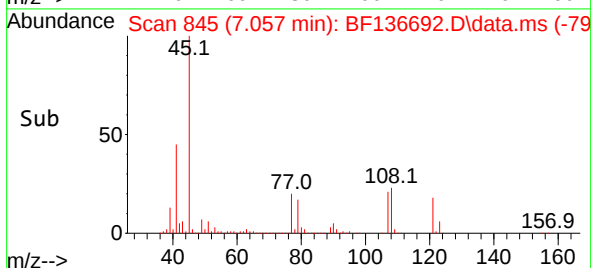
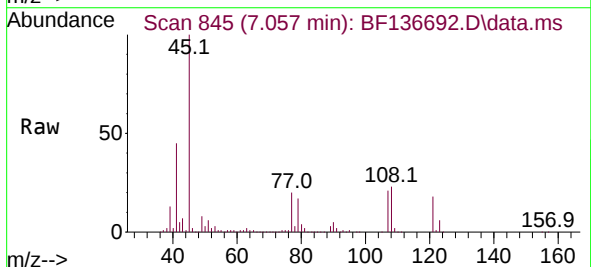


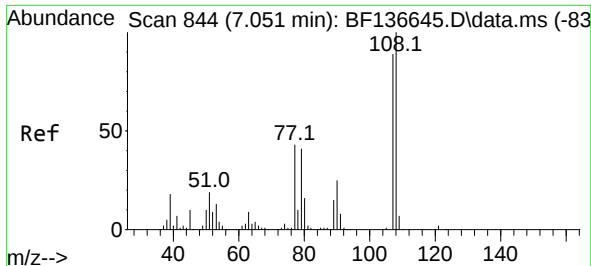
Tgt Ion: 79 Resp: 170701
Ion Ratio Lower Upper
79 100
108 80.3 61.0 91.6
77 59.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.291 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

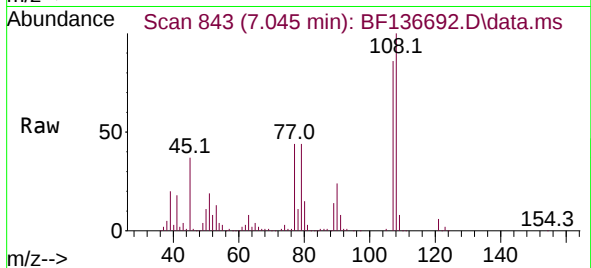
Tgt Ion: 45 Resp: 311423
Ion Ratio Lower Upper
45 100
77 20.1 0.0 34.3
79 16.9 0.0 31.4



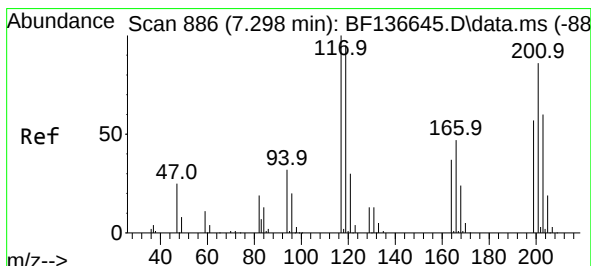
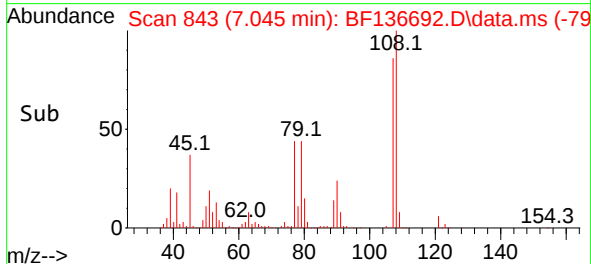
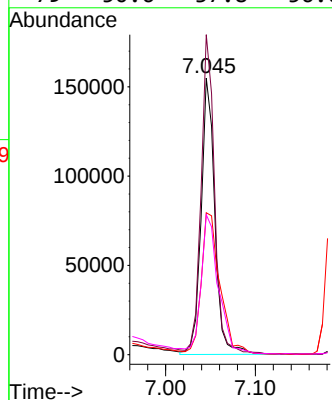


#17
2-Methylphenol
Concen: 39.407 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Instrument :
BNA_F
ClientSampleId :

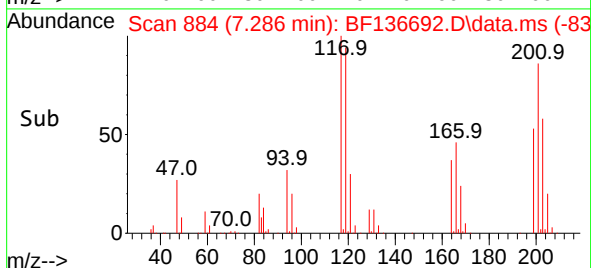
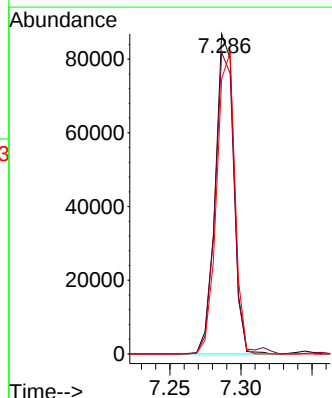
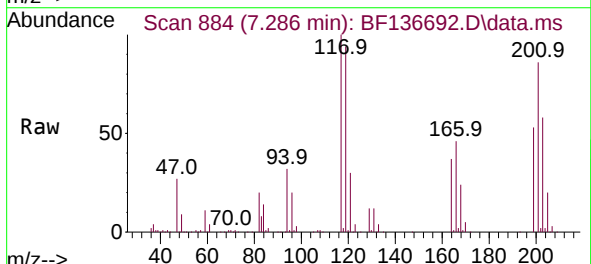


Tgt Ion:	107	Resp:	164644
Ion	Ratio	Lower	Upper
107	100		
108	115.7	90.3	135.5
77	51.3	38.7	58.1
79	50.6	37.8	56.6



#18
Hexachloroethane
Concen: 38.541 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

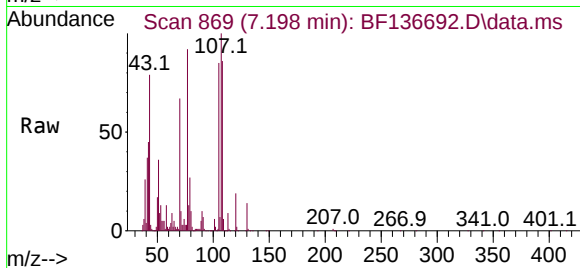
Tgt Ion:	117	Resp:	78685
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.6
201	85.9	69.1	103.7



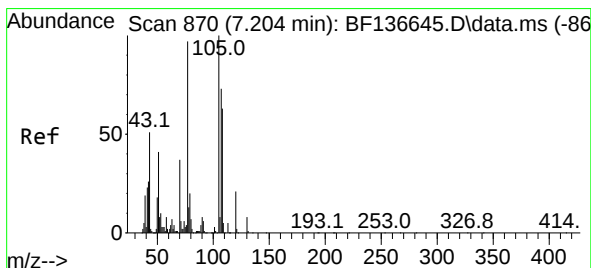
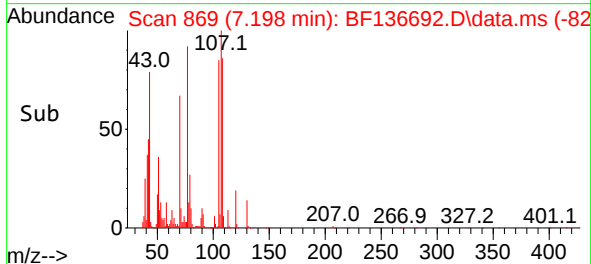
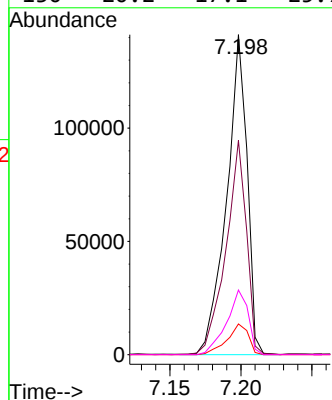


#19
n-Nitroso-di-n-propylamine
Concen: 39.124 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Instrument :
BNA_F
ClientSampleId :

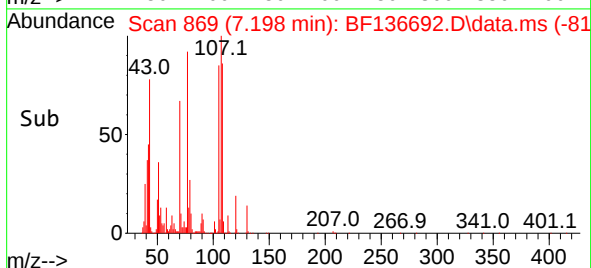
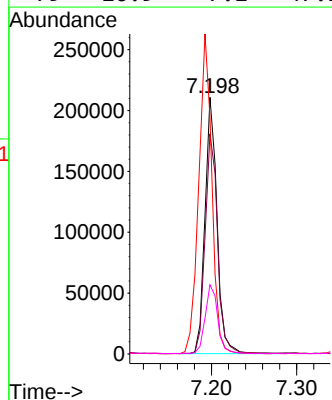
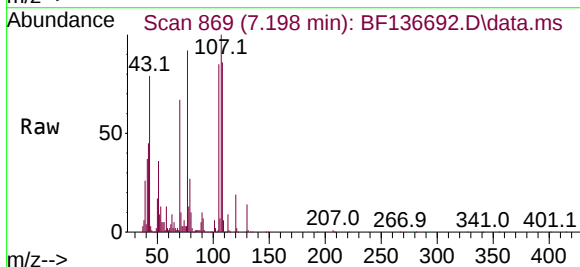


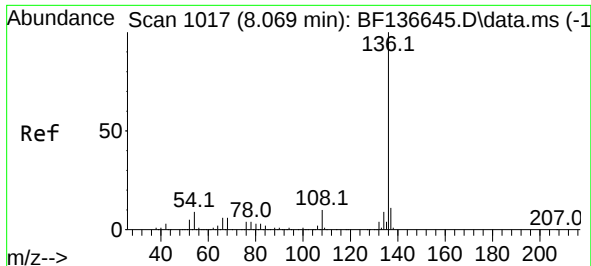
Tgt Ion:	70	Resp:	141627
Ion	Ratio	Lower	Upper
70	100		
42	66.9	54.2	81.4
101	9.6	7.6	11.4
130	20.2	17.1	25.7



#20
3+4-Methylphenols
Concen: 39.463 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

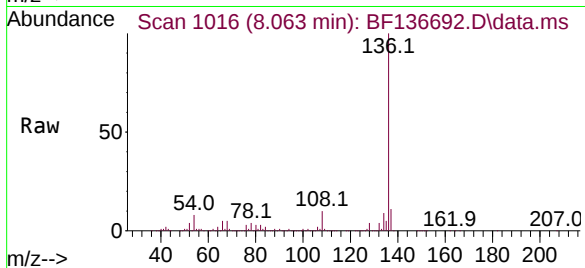
Tgt Ion:	107	Resp:	205983
Ion	Ratio	Lower	Upper
107	100		
108	85.8	66.0	106.0
77	92.3	114.2	154.2#
79	26.9	7.2	47.2



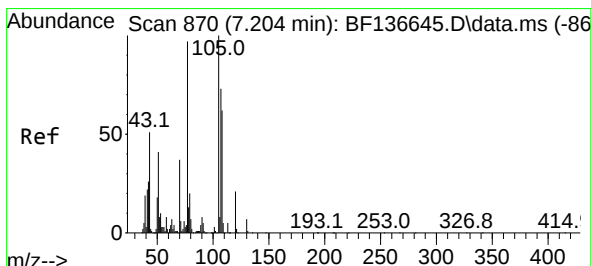
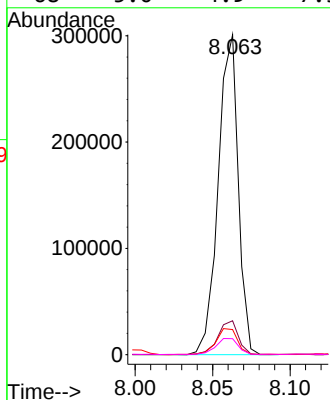
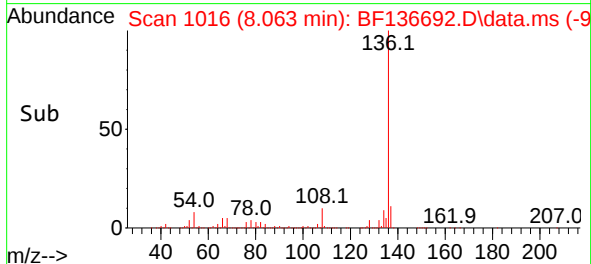


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

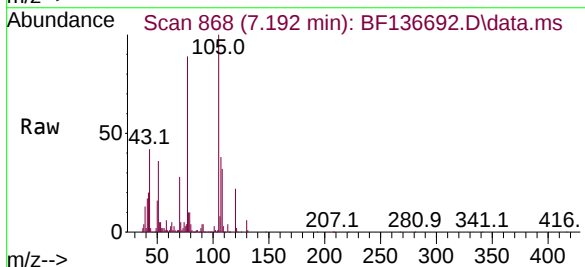
Instrument :
BNA_F
ClientSampleId :



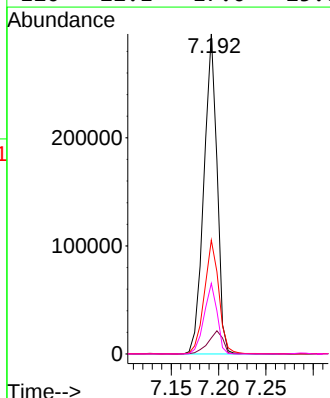
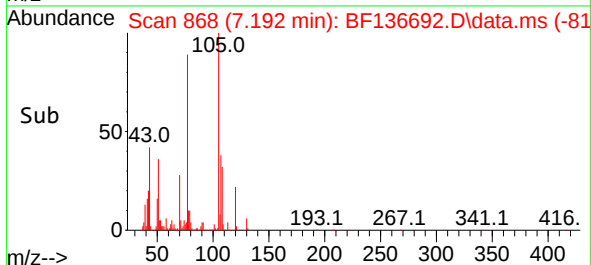
Tgt Ion:136	Resp:	270455	
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.9	7.2	10.8
68	5.0	4.9	7.3

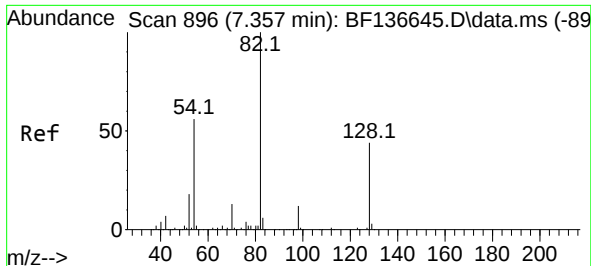


#22
Acetophenone
Concen: 42.240 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40



Tgt	Ion:105	Resp:	286341
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.8	7.2
51	35.5	32.8	49.2
120	22.1	17.0	25.6





#23

Nitrobenzene-d5

Concen: 66.137 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

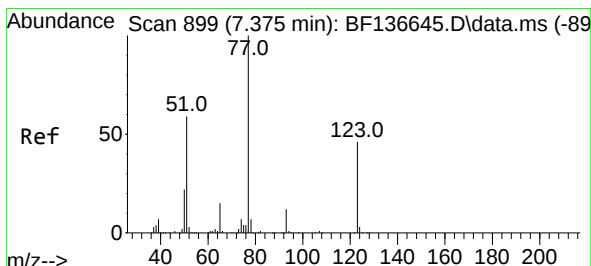
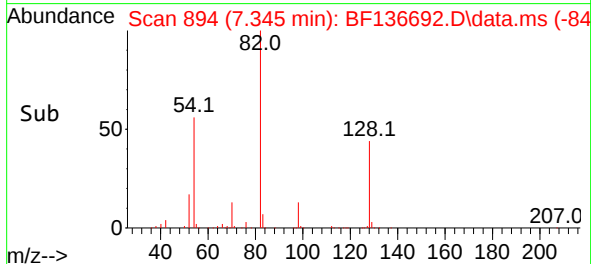
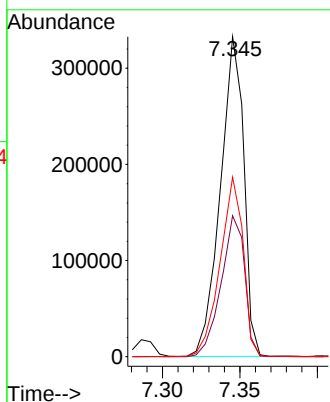
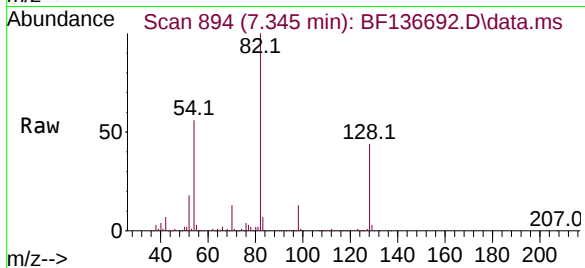
Tgt Ion: 82 Resp: 349556

Ion Ratio Lower Upper

82 100

128 44.1 35.3 52.9

54 56.1 44.5 66.7



#24

Nitrobenzene

Concen: 40.127 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

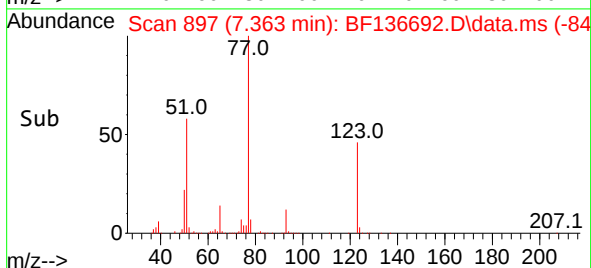
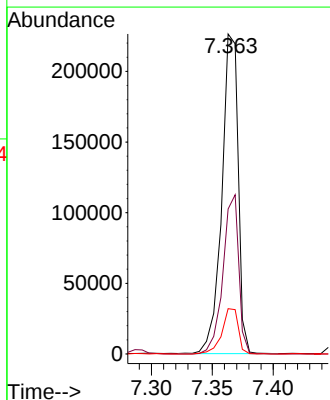
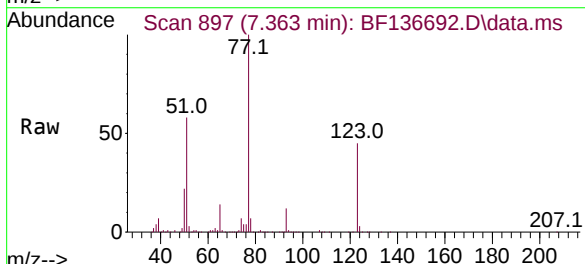
Tgt Ion: 77 Resp: 212451

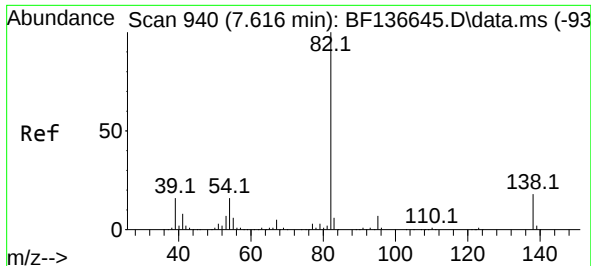
Ion Ratio Lower Upper

77 100

123 45.3 36.7 55.1

65 14.1 11.8 17.6

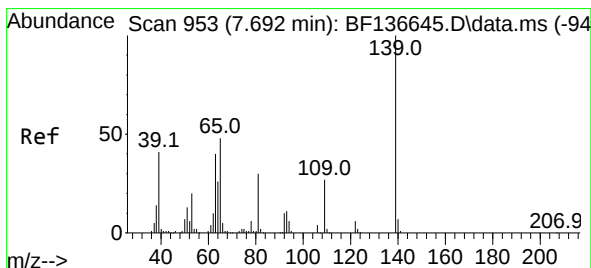
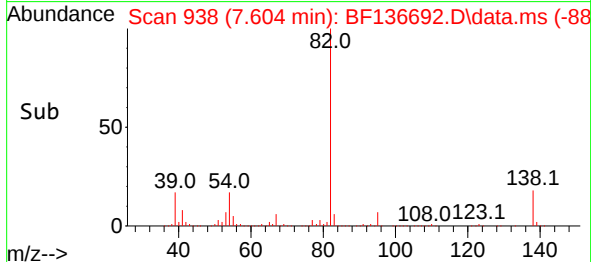
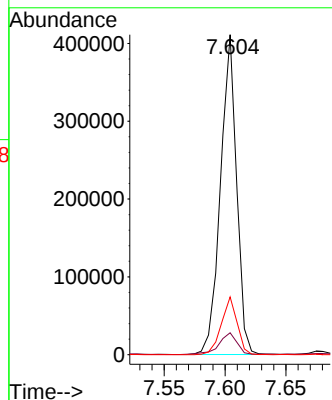
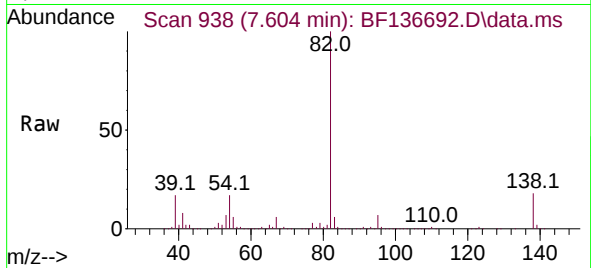




#25
Isophorone
Concen: 39.485 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

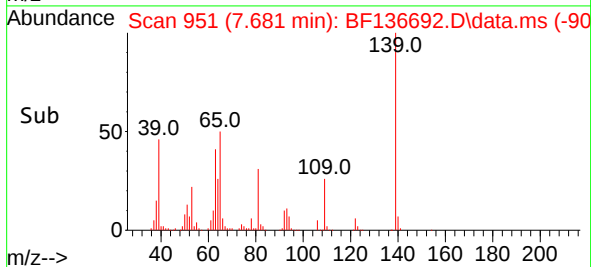
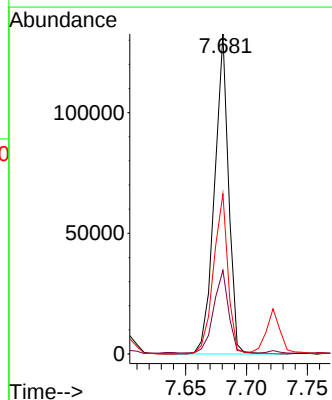
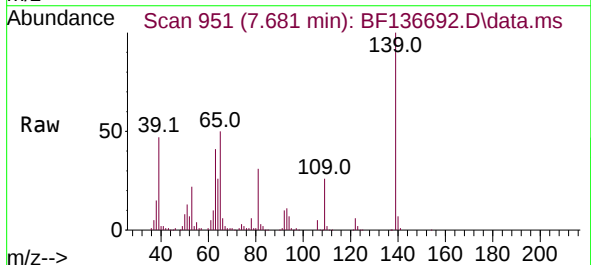
Instrument :
BNA_F
ClientSampleId :

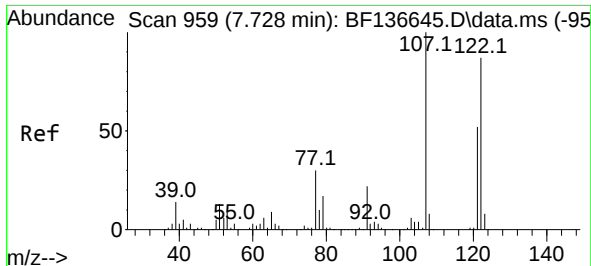
Tgt Ion: 82 Resp: 379733
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.1 14.5 21.7



#26
2-Nitrophenol
Concen: 42.240 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion:139 Resp: 106998
Ion Ratio Lower Upper
139 100
109 26.1 21.9 32.9
65 50.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 48.624 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

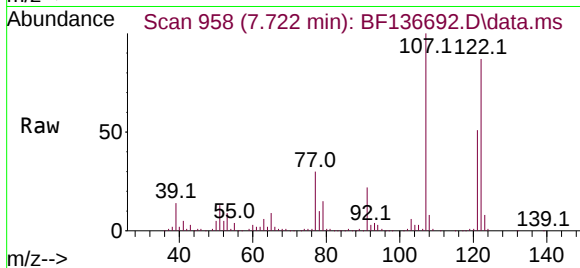
Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :



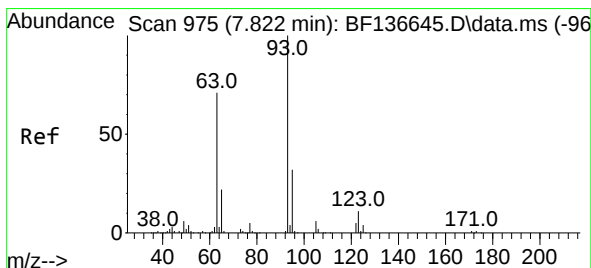
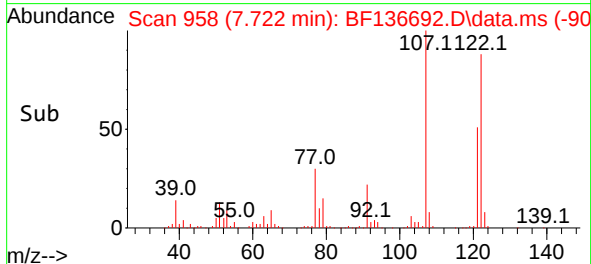
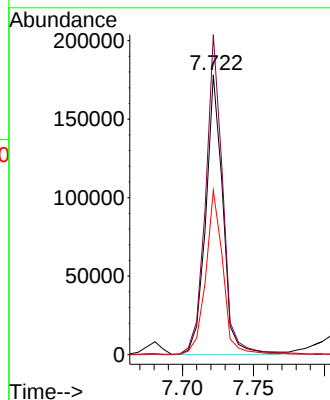
Tgt Ion:122 Resp: 149954

Ion Ratio Lower Upper

122 100

107 114.3 92.0 138.0

121 58.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.358 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

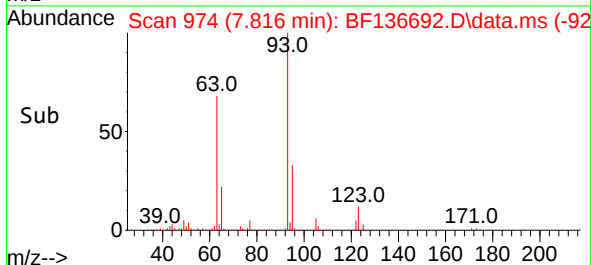
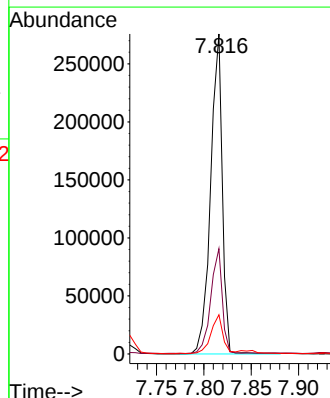
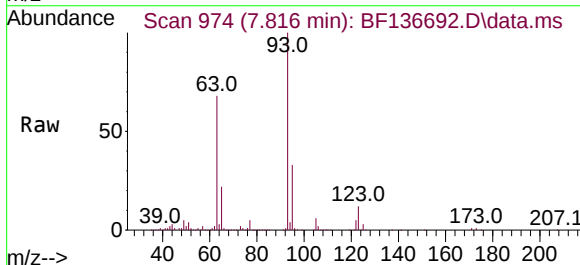
Tgt Ion: 93 Resp: 235927

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

123 12.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.479 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

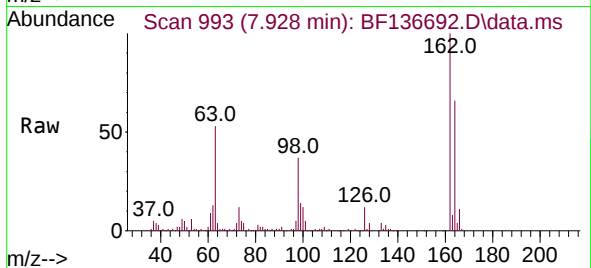
Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :



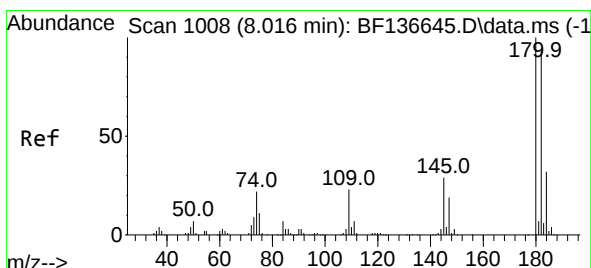
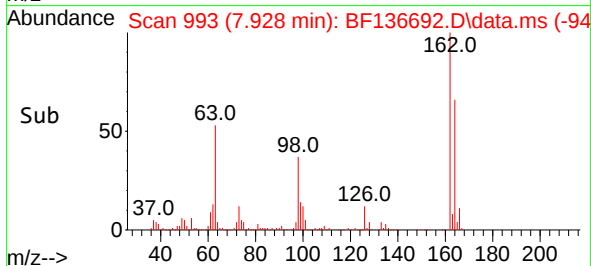
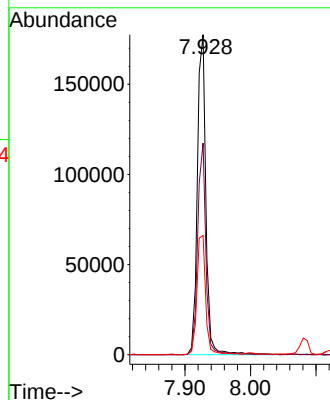
Tgt Ion:162 Resp: 160715

Ion Ratio Lower Upper

162 100

164 66.1 41.7 81.7

98 37.3 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 39.402 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

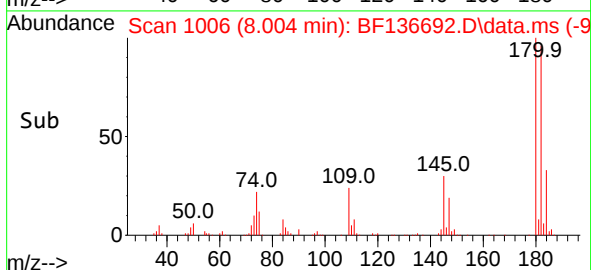
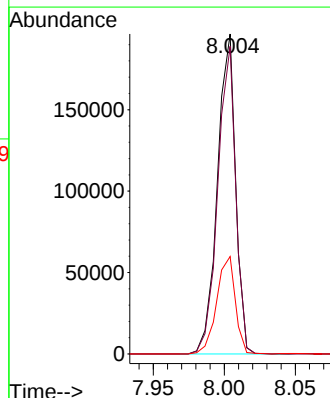
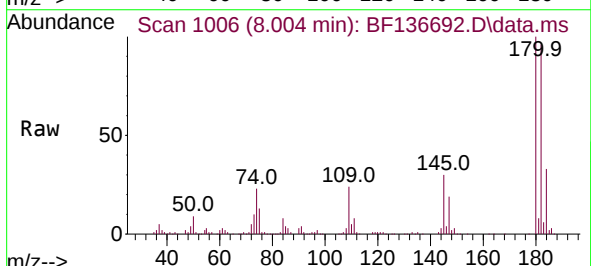
Tgt Ion:180 Resp: 174301

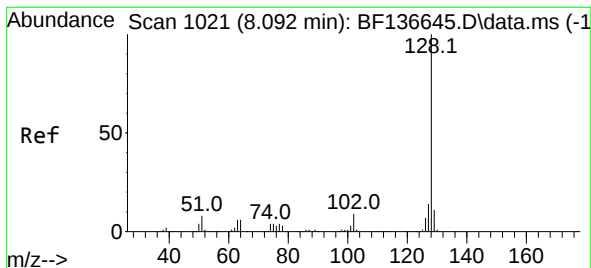
Ion Ratio Lower Upper

180 100

182 96.2 75.4 113.0

145 30.5 23.1 34.7





#31

Naphthalene

Concen: 39.736 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

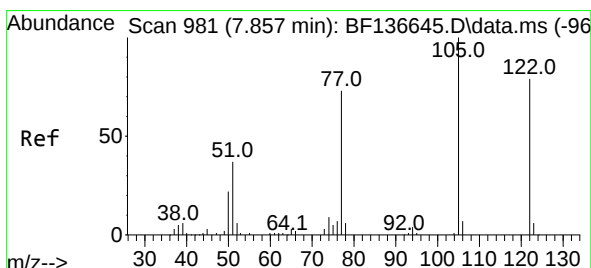
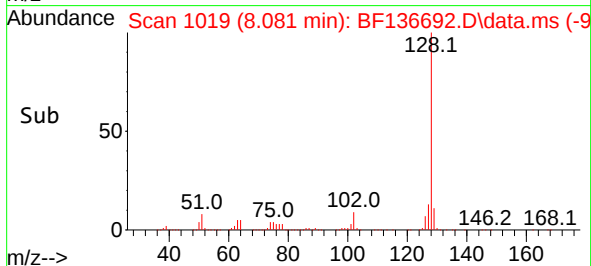
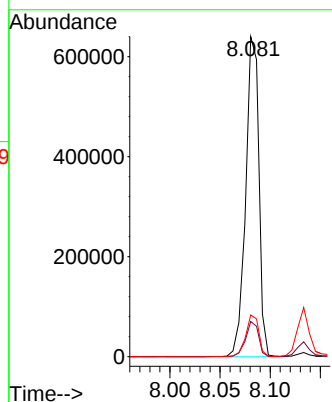
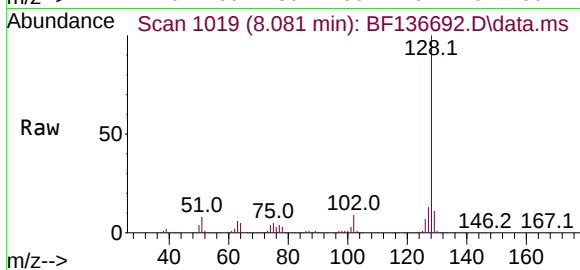
Tgt Ion:128 Resp: 590399

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.0 10.8 16.2



#32

Benzoic acid

Concen: 30.456 ng

RT: 7.851 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

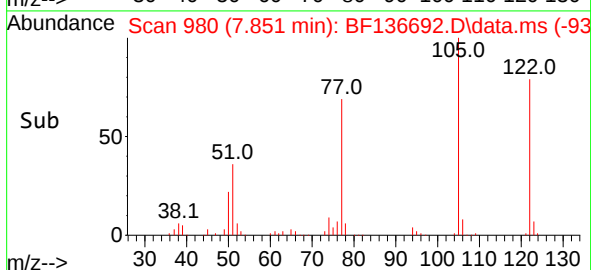
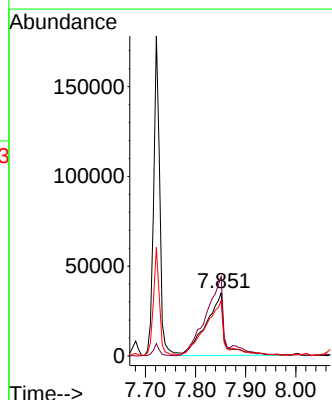
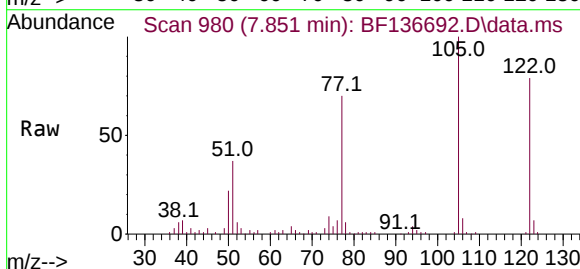
Tgt Ion:122 Resp: 90879

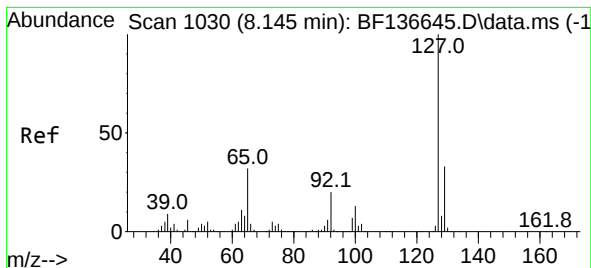
Ion Ratio Lower Upper

122 100

105 125.9 100.8 140.8

77 87.6 70.9 110.9





#33

4-Chloroaniline

Concen: 15.854 ng

RT: 8.133 min Scan# 1028

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 86972

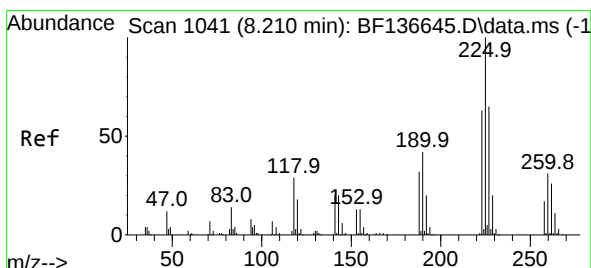
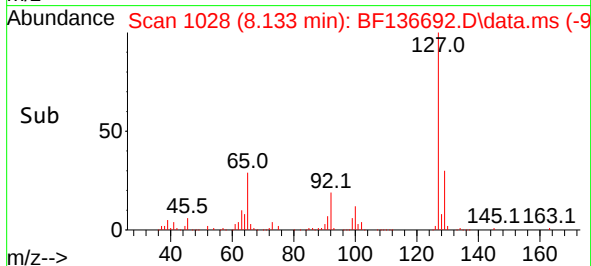
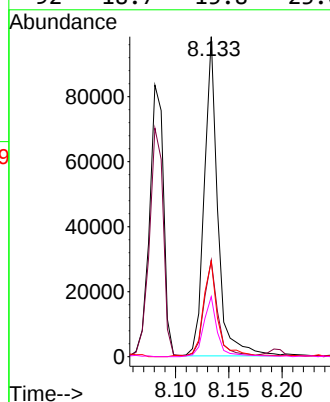
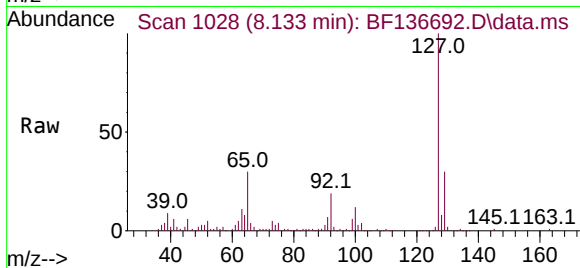
Ion Ratio Lower Upper

127 100

129 30.2 26.3 39.5

65 29.7 25.8 38.8

92 18.7 15.8 23.6



#34

Hexachlorobutadiene

Concen: 38.184 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

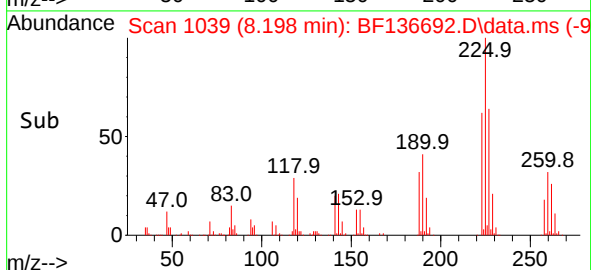
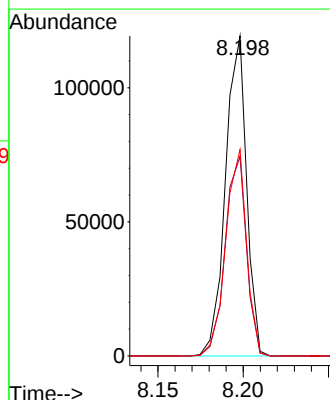
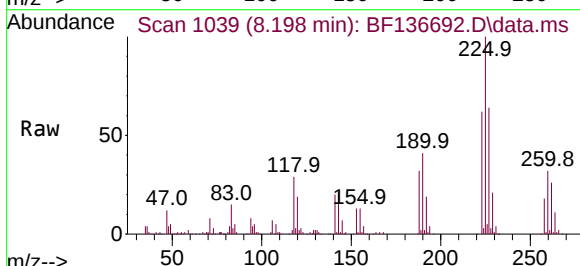
Tgt Ion:225 Resp: 102626

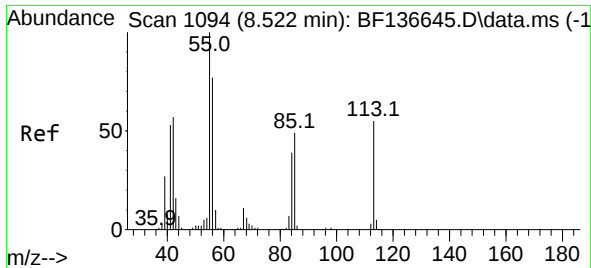
Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

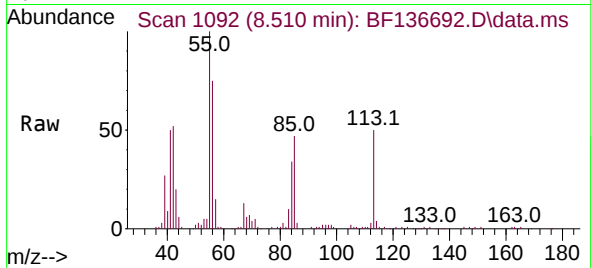
227 64.5 51.9 77.9



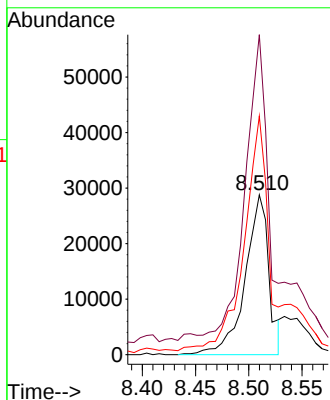
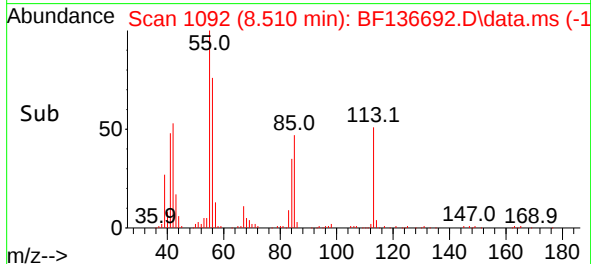


#35
 Caprolactam
 Concen: 33.992 ng
 RT: 8.510 min Scan# 1094
 Delta R.T. -0.012 min
 Lab File: BF136692.D
 Acq: 22 Dec 2023 18:40

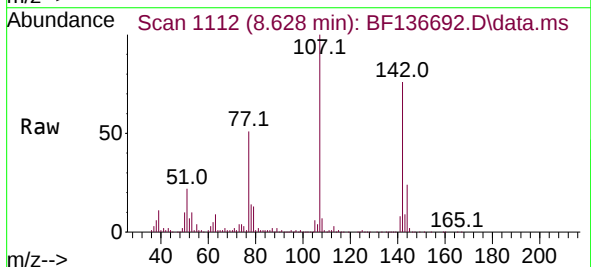
Instrument :
 BNA_F
 ClientSampleId :



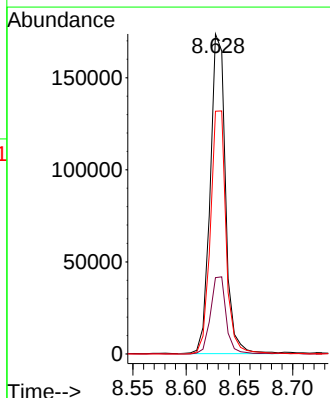
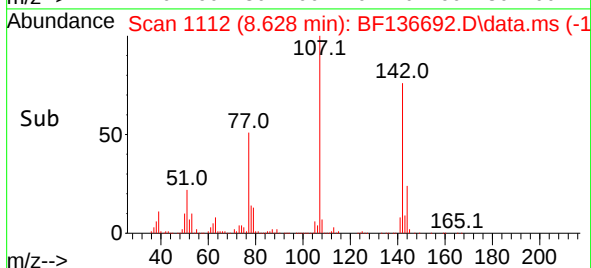
Tgt Ion:113 Resp: 44522
 Ion Ratio Lower Upper
 113 100
 55 200.1 163.1 203.1
 56 149.2 121.7 161.7

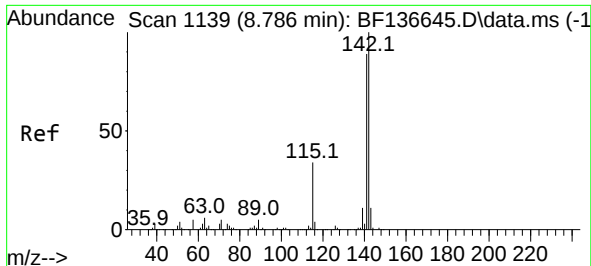


#36
 4-Chloro-3-methylphenol
 Concen: 38.779 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136692.D
 Acq: 22 Dec 2023 18:40



Tgt Ion:107 Resp: 173331
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.2 30.2
 142 75.8 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.400 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

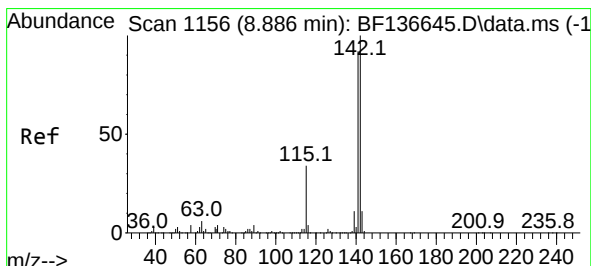
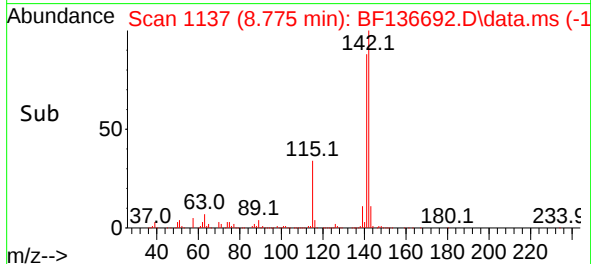
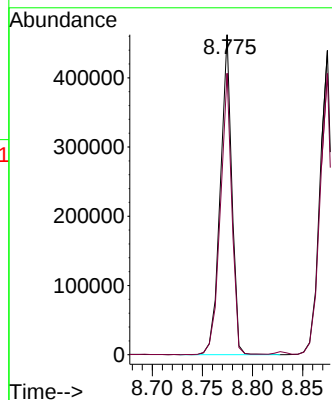
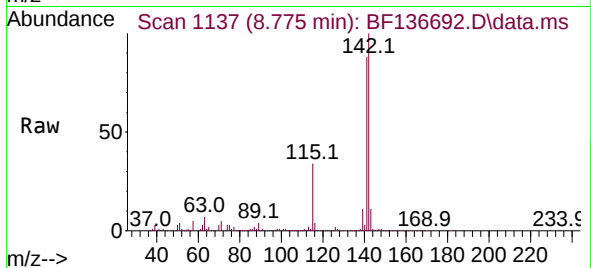
ClientSampleId :

Tgt Ion:142 Resp: 367186

Ion Ratio Lower Upper

142 100

141 87.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.089 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136692.D

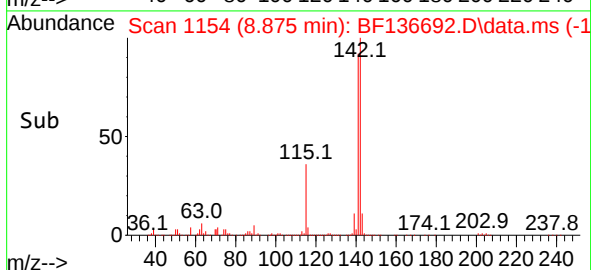
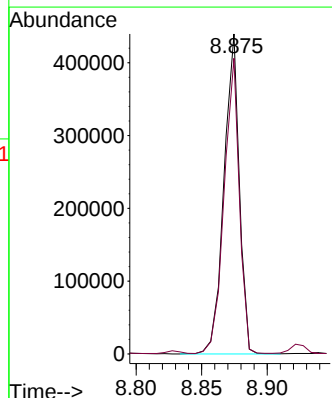
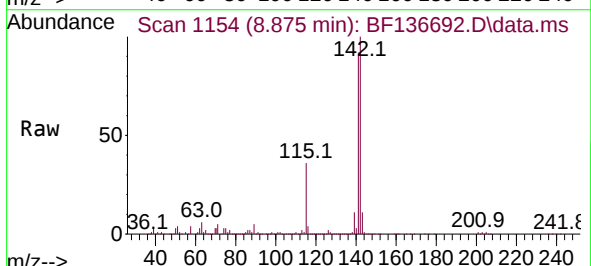
Acq: 22 Dec 2023 18:40

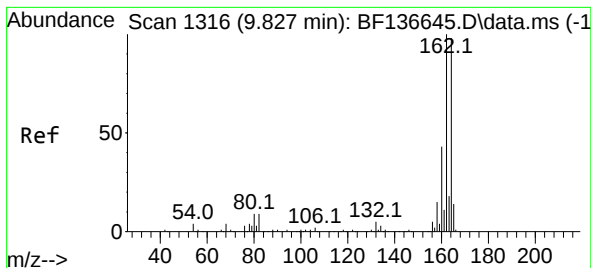
Tgt Ion:142 Resp: 357324

Ion Ratio Lower Upper

142 100

141 92.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

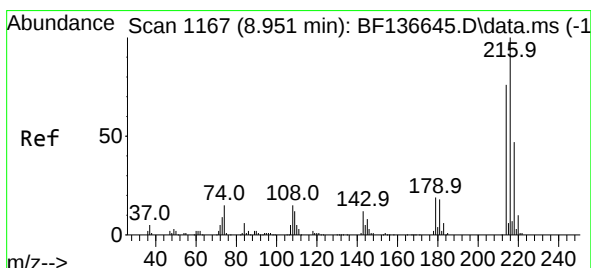
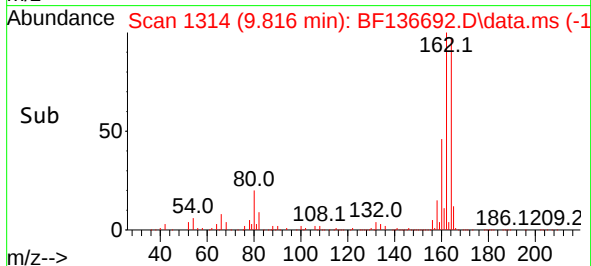
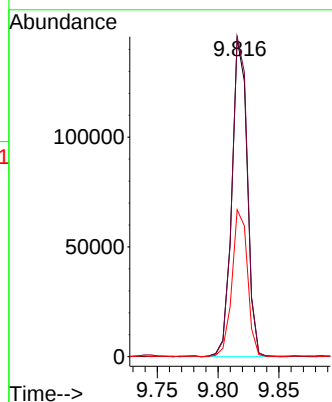
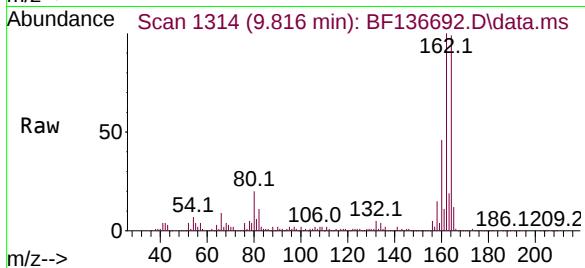
Tgt Ion:164 Resp: 127227

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

160 46.1 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.030 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Tgt Ion:216 Resp: 177427

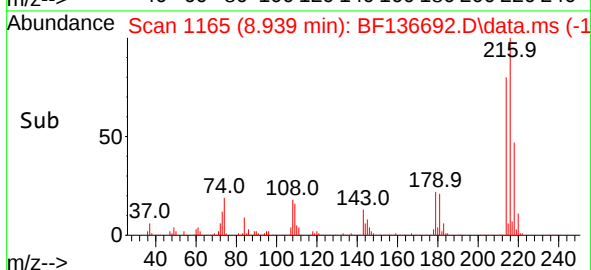
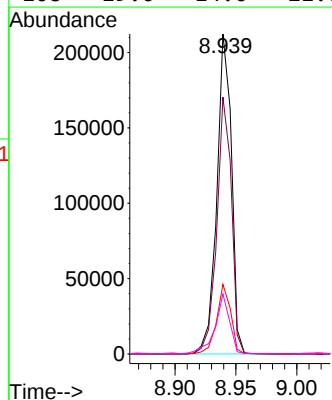
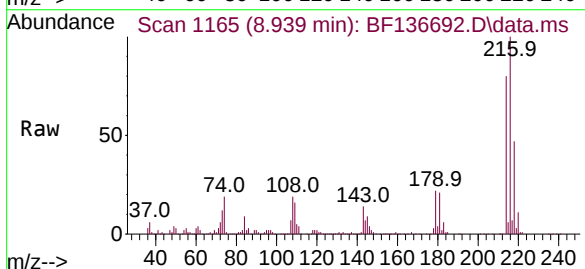
Ion Ratio Lower Upper

216 100

214 79.8 62.3 93.5

179 21.1 16.4 24.6

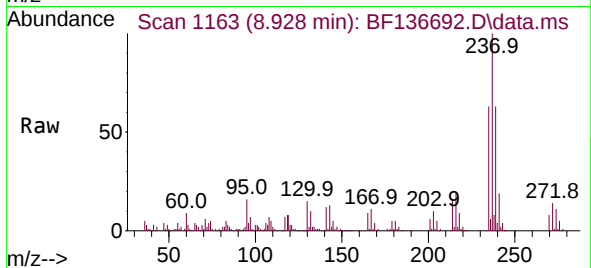
108 19.0 14.0 21.0



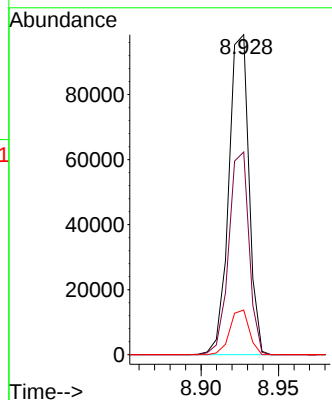
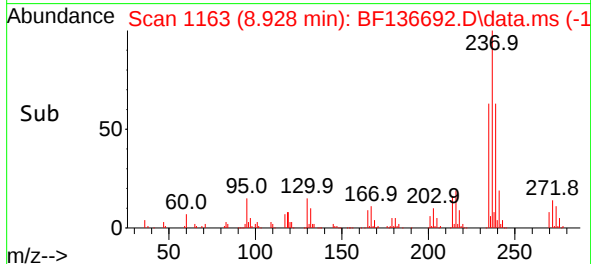


#41
Hexachlorocyclopentadiene
Concen: 71.578 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

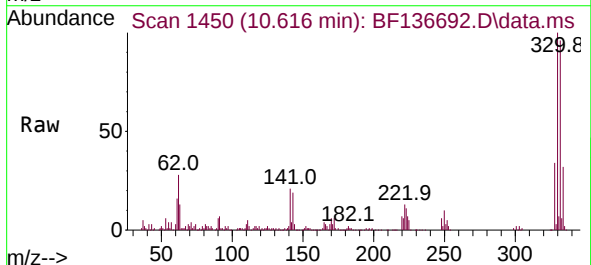
Instrument :
BNA_F
ClientSampleId :



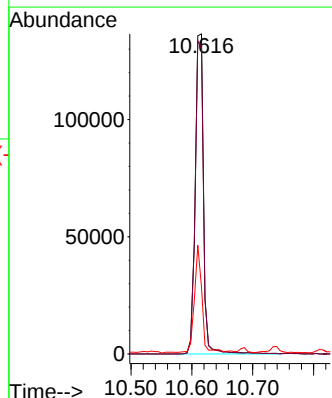
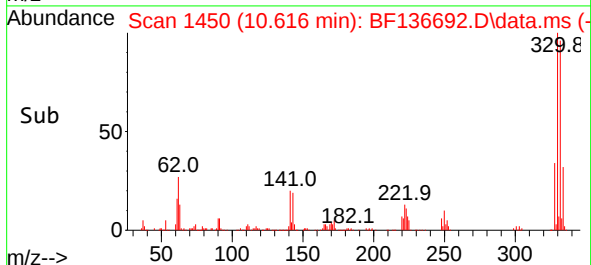
Tgt Ion:237 Resp: 89233
Ion Ratio Lower Upper
237 100
235 63.3 43.2 83.2
272 13.9 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 86.136 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40



Tgt Ion:330 Resp: 129064
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 31.2 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 43.852 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

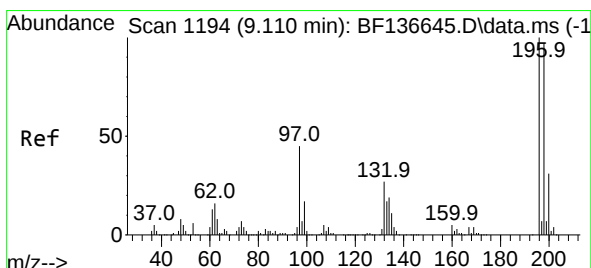
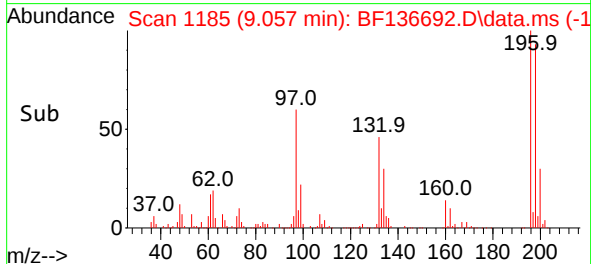
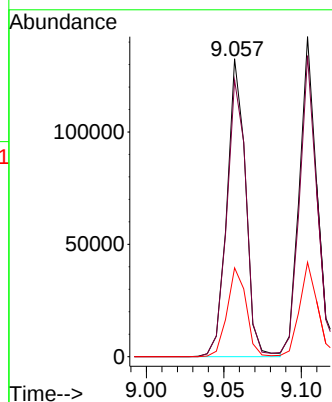
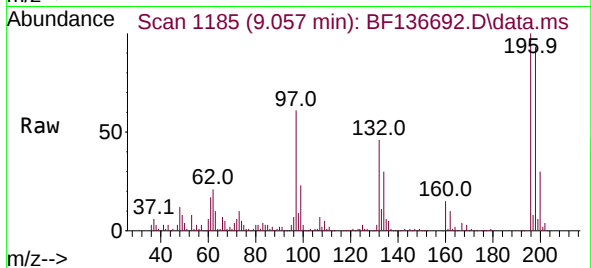
Tgt Ion:196 Resp: 110810

Ion Ratio Lower Upper

196 100

198 92.8 75.1 112.7

200 29.8 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 41.018 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Tgt Ion:196 Resp: 115500

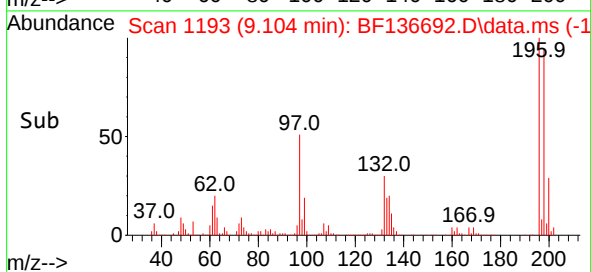
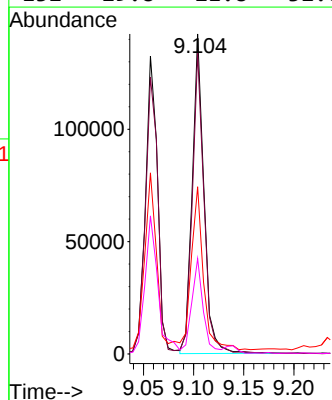
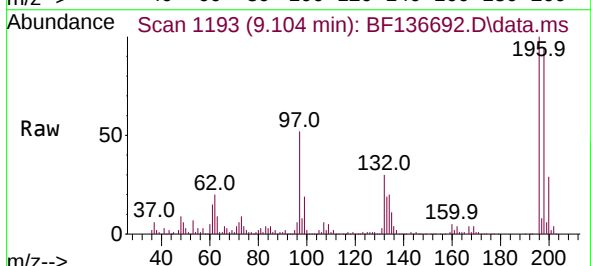
Ion Ratio Lower Upper

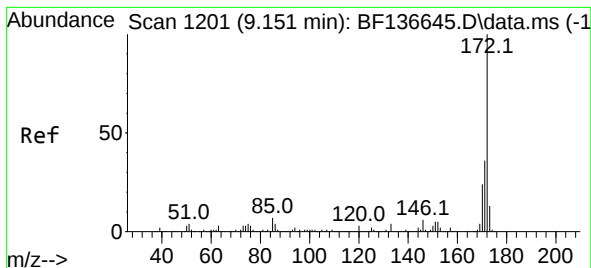
196 100

198 94.1 77.0 115.6

97 52.3 36.1 54.1

132 29.8 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 67.455 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

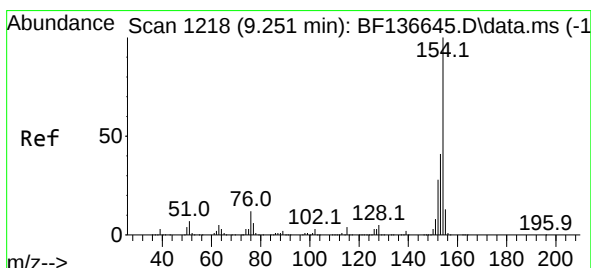
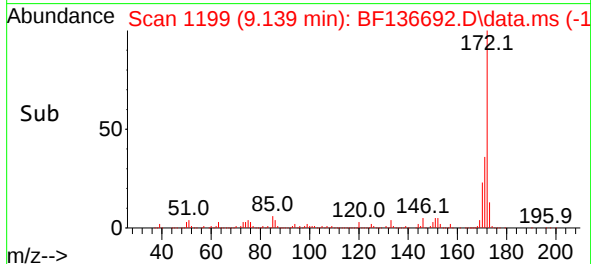
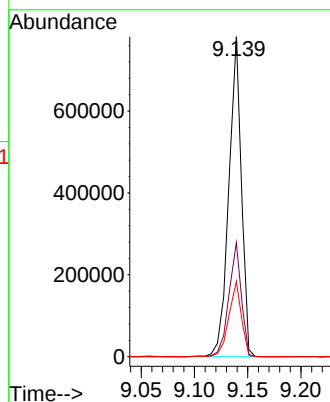
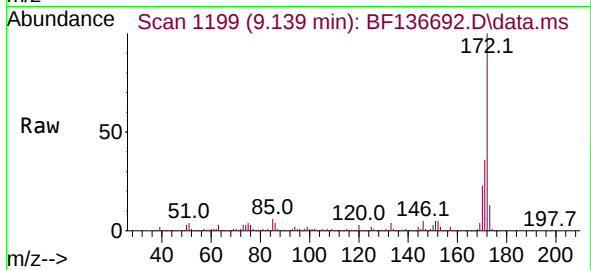
Tgt Ion:172 Resp: 638082

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 43.893 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

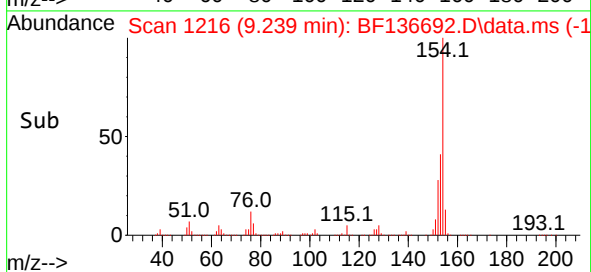
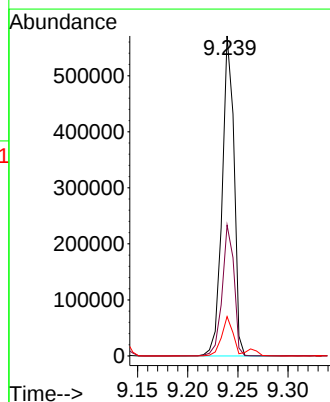
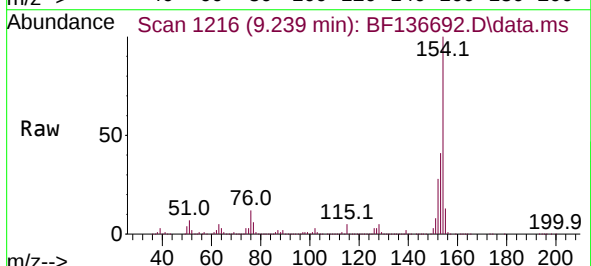
Tgt Ion:154 Resp: 468610

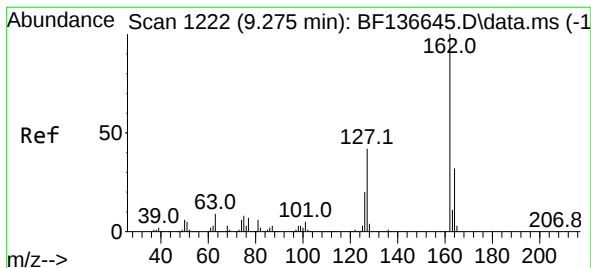
Ion Ratio Lower Upper

154 100

153 40.9 21.1 61.1

76 12.3 0.0 31.7





#47

2-Chloronaphthalene

Concen: 41.578 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

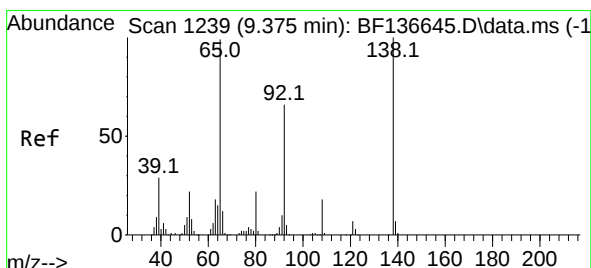
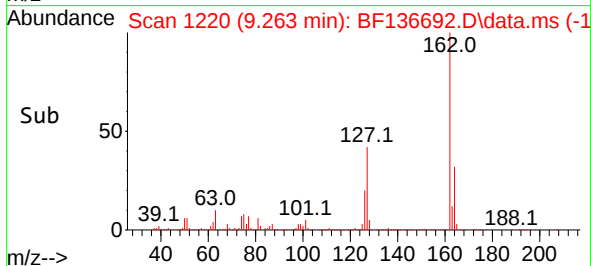
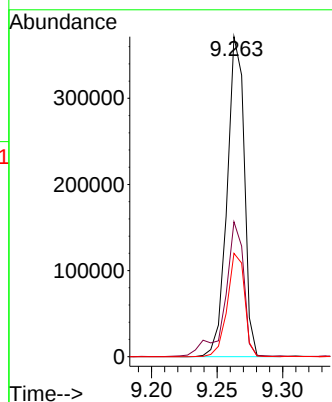
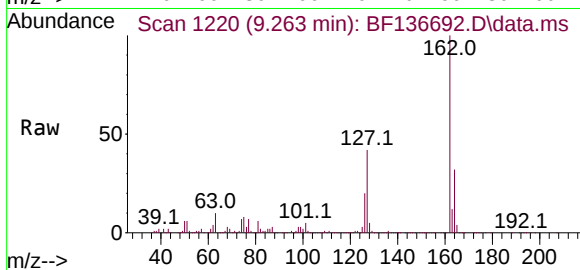
Tgt Ion:162 Resp: 337462

Ion Ratio Lower Upper

162 100

127 42.2 33.6 50.4

164 32.3 25.7 38.5



#48

2-Nitroaniline

Concen: 43.546 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

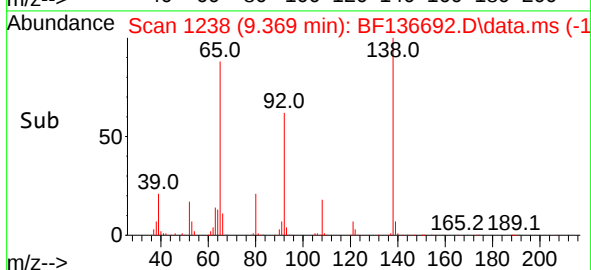
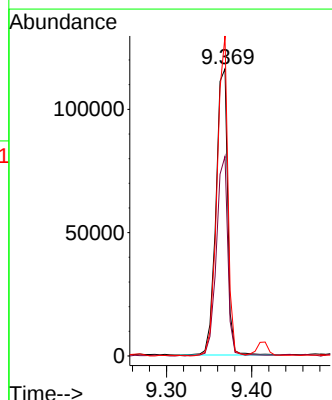
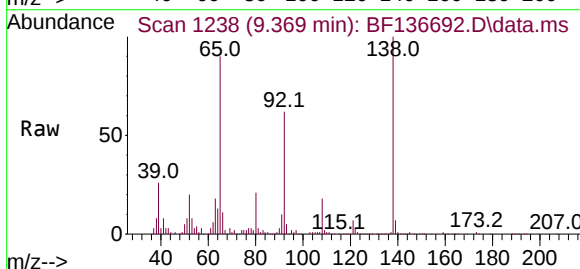
Tgt Ion: 65 Resp: 110676

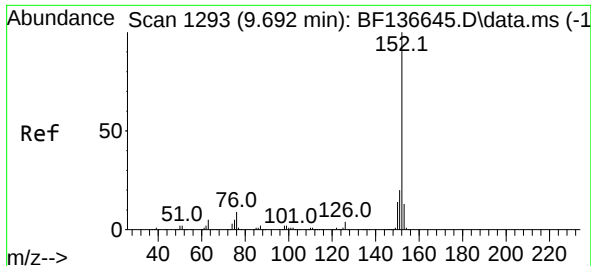
Ion Ratio Lower Upper

65 100

92 69.5 53.2 79.8

138 111.4 81.1 121.7

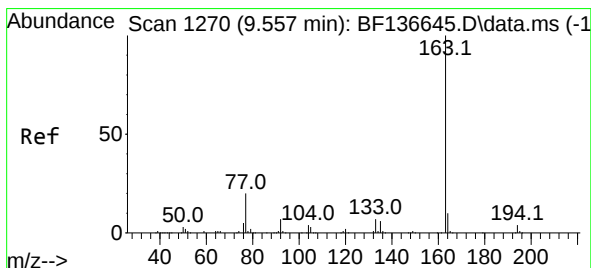
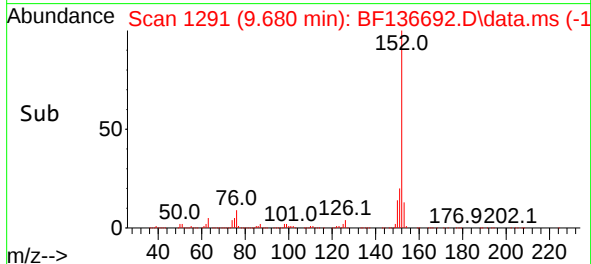
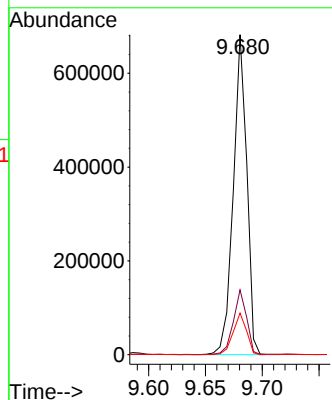
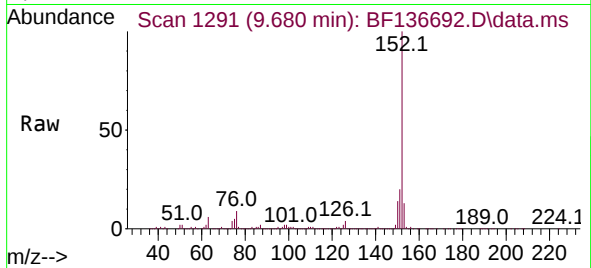




#49
Acenaphthylene
Concen: 45.179 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

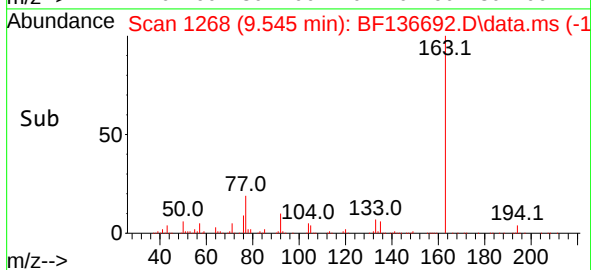
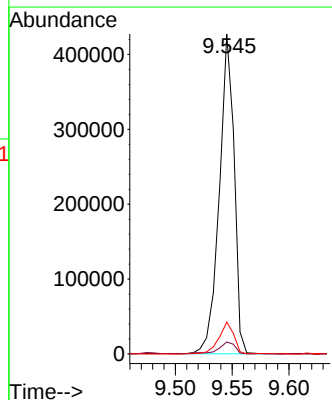
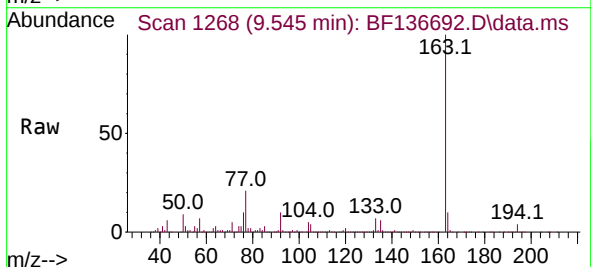
Instrument :
BNA_F
ClientSampleId :

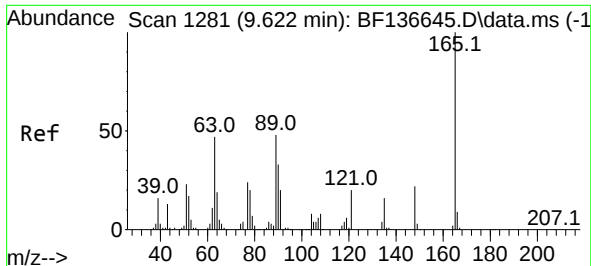
Tgt Ion:152 Resp: 560469
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.0 10.2 15.2



#50
Dimethylphthalate
Concen: 41.785 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion:163 Resp: 388305
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 40.777 ng

RT: 9.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

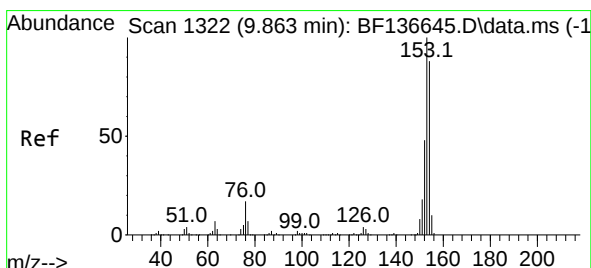
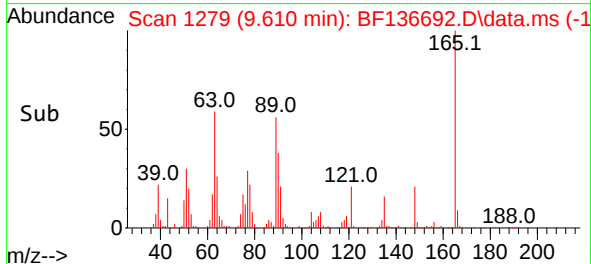
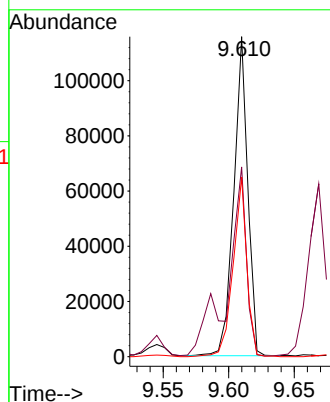
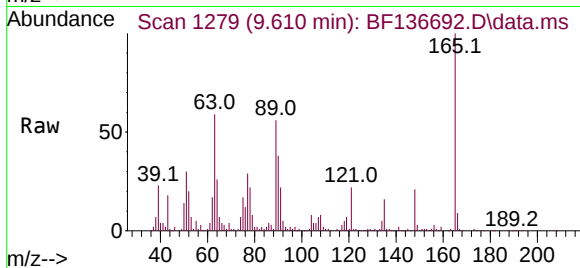
Tgt Ion:165 Resp: 86001

Ion Ratio Lower Upper

165 100

63 59.3 39.8 59.6

89 56.1 38.8 58.2



#52

Acenaphthene

Concen: 40.756 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

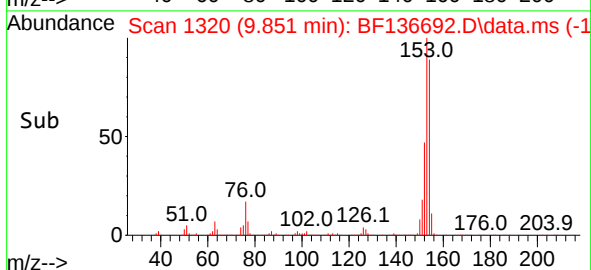
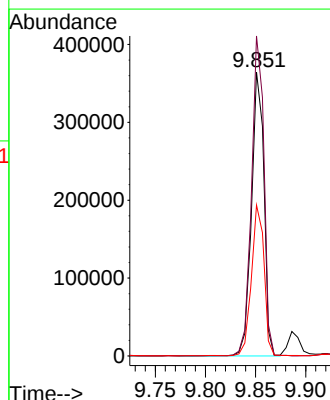
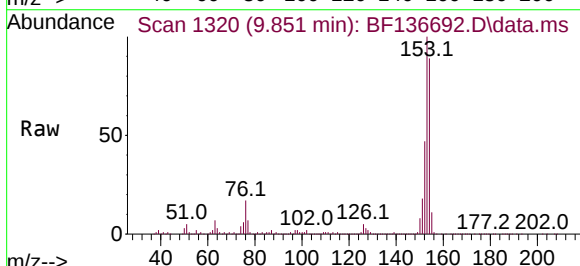
Tgt Ion:154 Resp: 313417

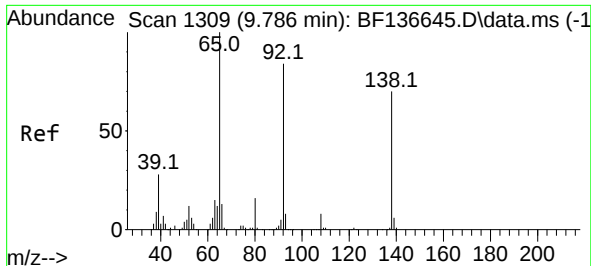
Ion Ratio Lower Upper

154 100

153 112.7 90.7 136.1

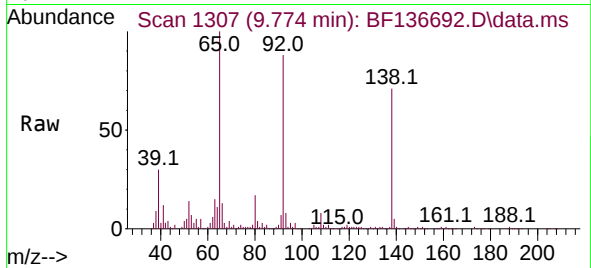
152 53.2 43.7 65.5



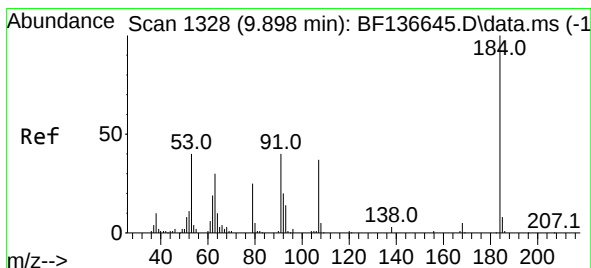
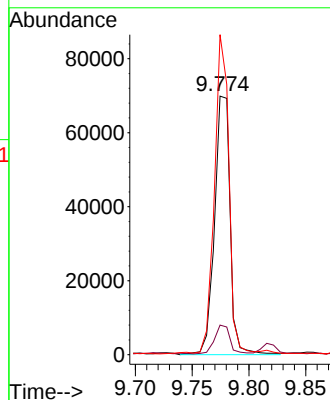
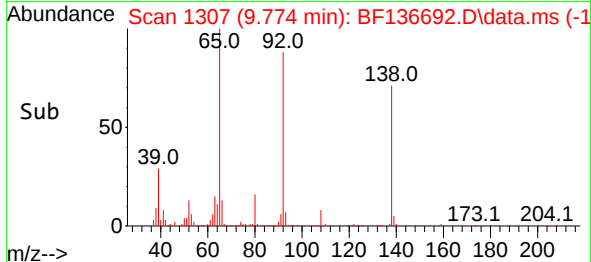


#53
3-Nitroaniline
Concen: 29.962 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

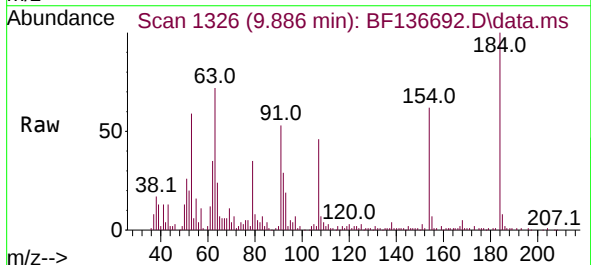
Instrument :
BNA_F
ClientSampleId :



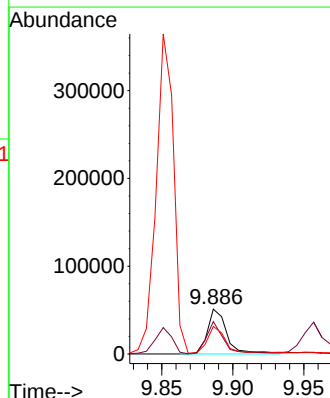
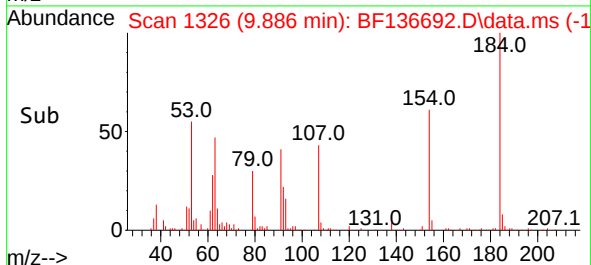
Tgt Ion:138 Resp: 66940
Ion Ratio Lower Upper
138 100
108 11.5 8.6 12.8
92 123.7 95.2 142.8

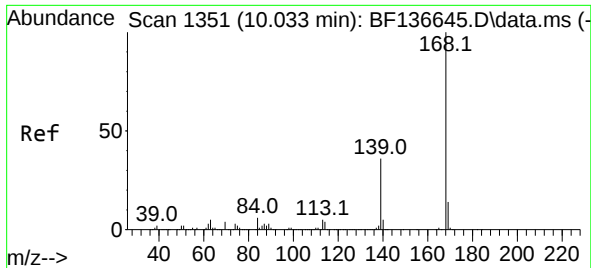


#54
2,4-Dinitrophenol
Concen: 42.695 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40



Tgt Ion:184 Resp: 47770
Ion Ratio Lower Upper
184 100
63 72.4 40.9 61.3#
154 61.6 42.7 64.1

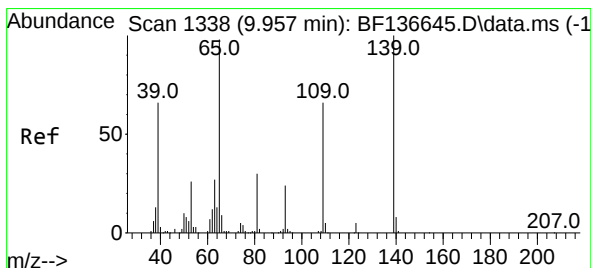
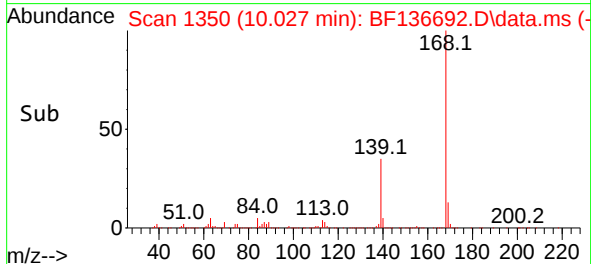
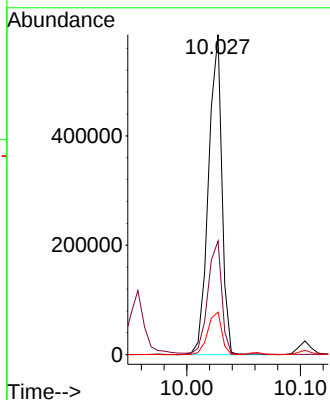
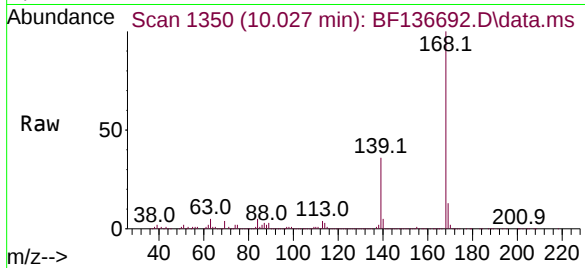




#55
Dibenzenofuran
Concen: 40.789 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

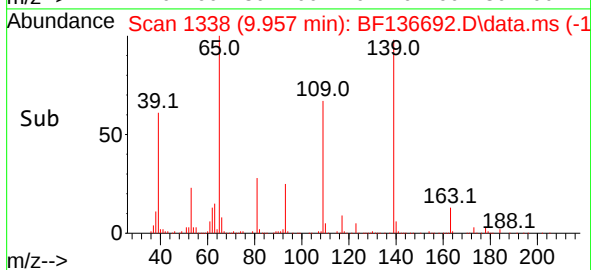
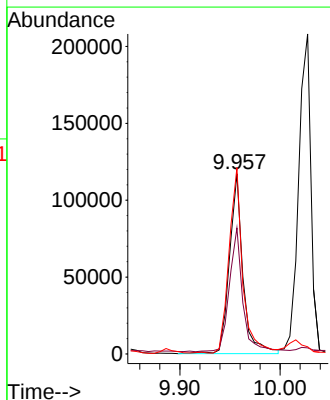
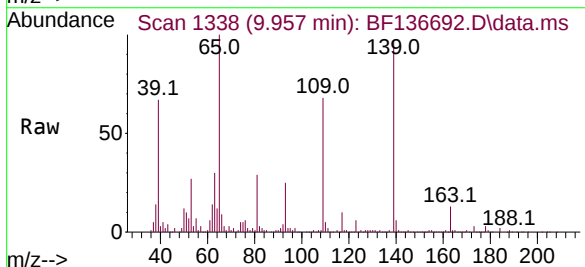
Instrument :
BNA_F
ClientSampleId :

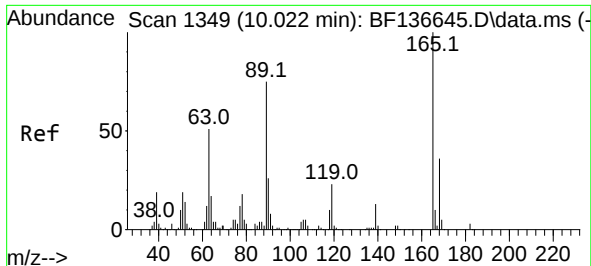
Tgt Ion:168 Resp: 475478
Ion Ratio Lower Upper
168 100
139 35.6 29.3 43.9
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 72.772 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion:139 Resp: 109753
Ion Ratio Lower Upper
139 100
109 69.9 45.8 85.8
65 103.4 77.8 117.8

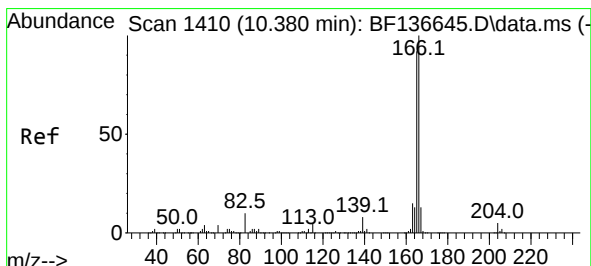
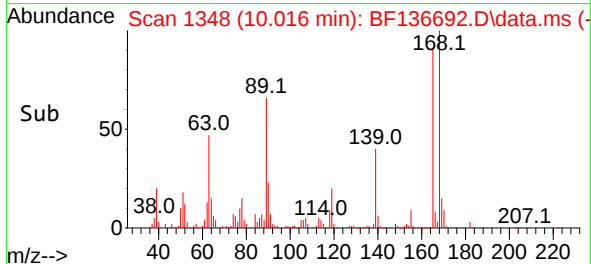
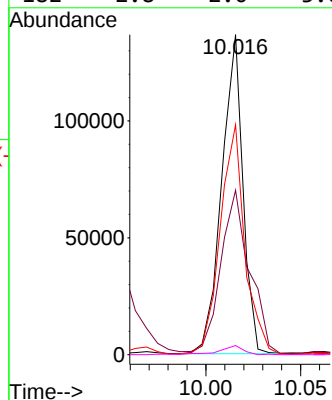
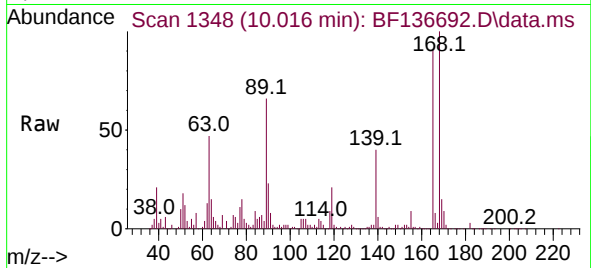




#57
2,4-Dinitrotoluene
Concen: 38.843 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

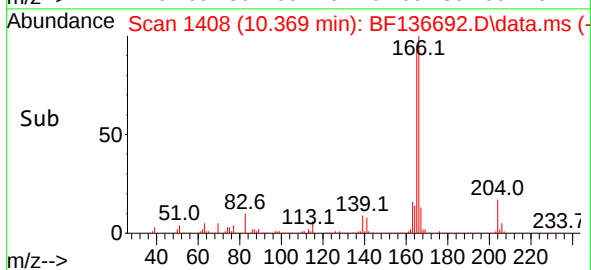
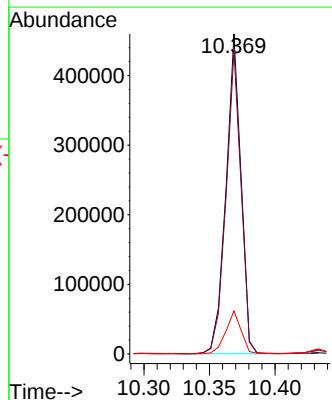
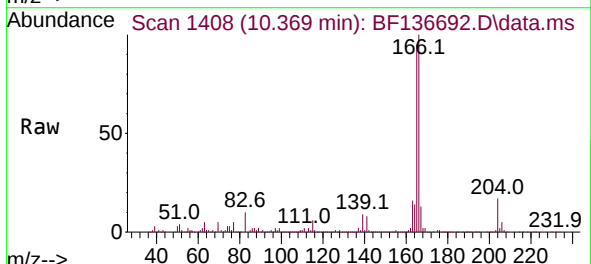
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 106349
Ion Ratio Lower Upper
165 100
63 51.4 41.0 61.6
89 71.8 59.9 89.9
182 2.8 2.0 3.0



#58
Fluorene
Concen: 39.425 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion:166 Resp: 364661
Ion Ratio Lower Upper
166 100
165 94.9 73.7 110.5
167 13.5 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.936 ng

RT: 10.145 min Scan# 1372

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 86565

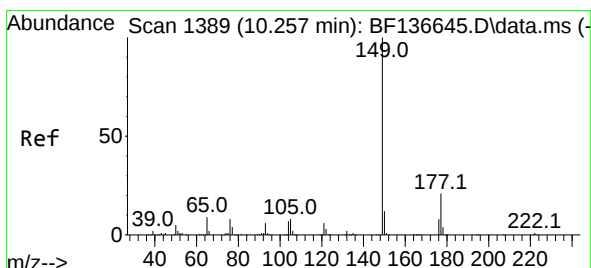
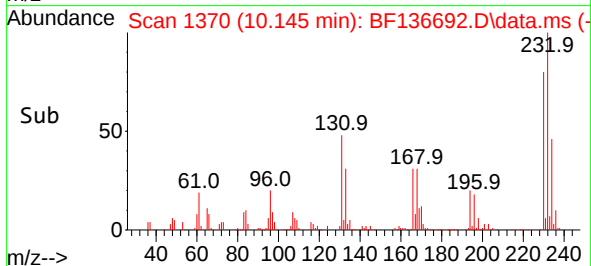
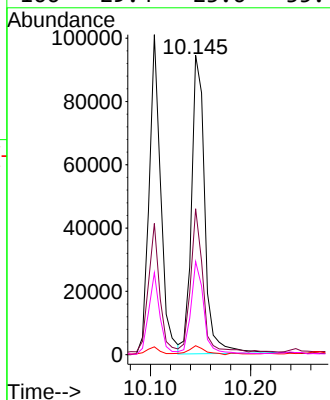
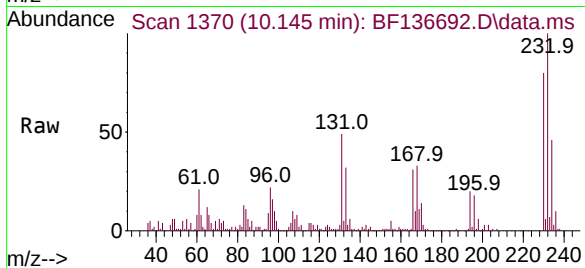
Ion Ratio Lower Upper

232 100

131 43.6 35.1 52.7

130 3.8 1.6 2.4#

166 29.4 23.6 35.4



#60

Diethylphthalate

Concen: 40.789 ng

RT: 10.245 min Scan# 1387

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

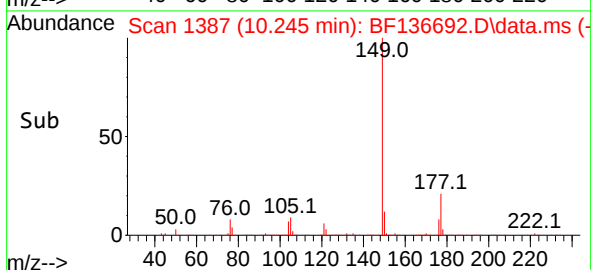
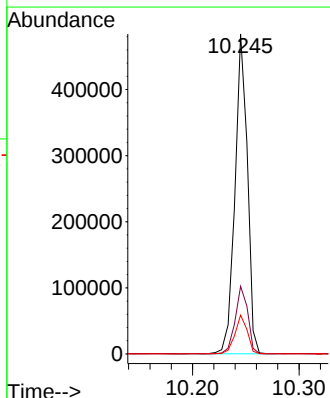
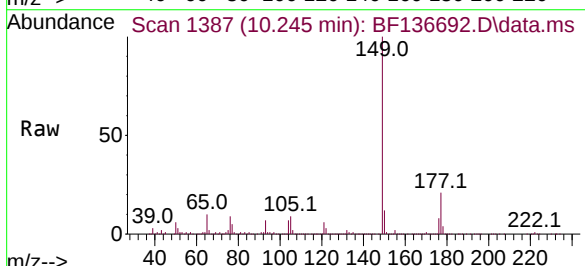
Tgt Ion:149 Resp: 393284

Ion Ratio Lower Upper

149 100

177 21.1 16.9 25.3

150 12.2 9.3 13.9

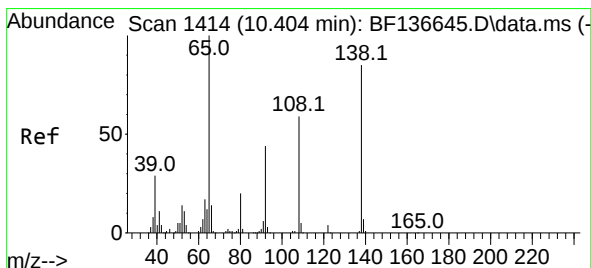
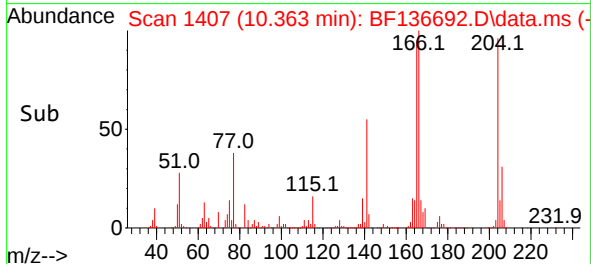
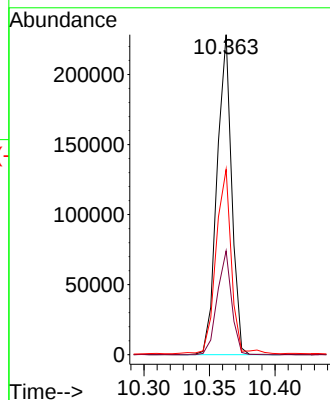
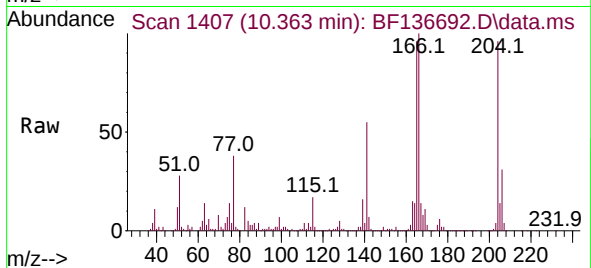




#61
4-Chlorophenyl-phenylether
Concen: 39.314 ng
RT: 10.363 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

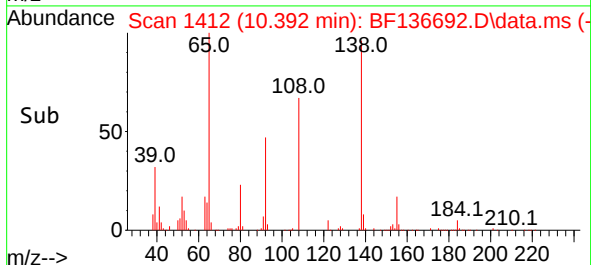
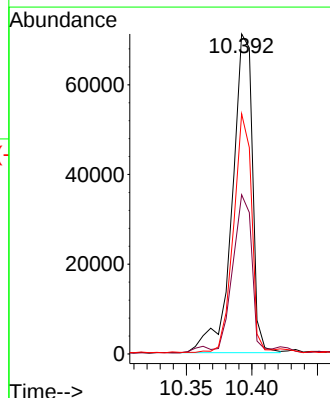
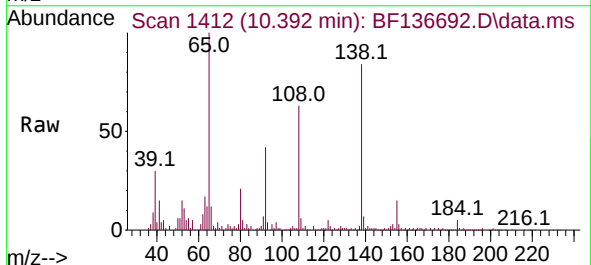
Instrument :
BNA_F
ClientSampleId :

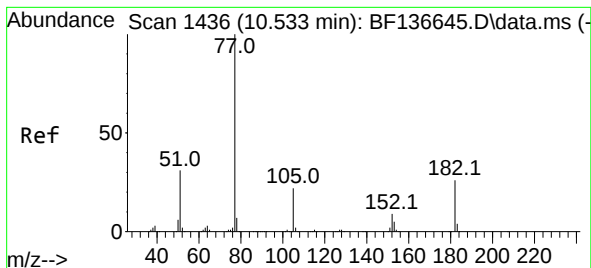
Tgt Ion:204 Resp: 176750
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 57.9 48.4 72.6



#62
4-Nitroaniline
Concen: 35.475 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

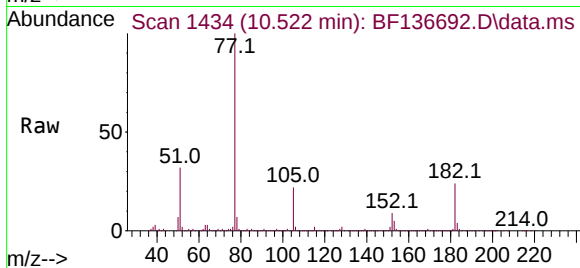
Tgt Ion:138 Resp: 76405
Ion Ratio Lower Upper
138 100
92 49.7 32.1 72.1
108 75.1 50.1 90.1



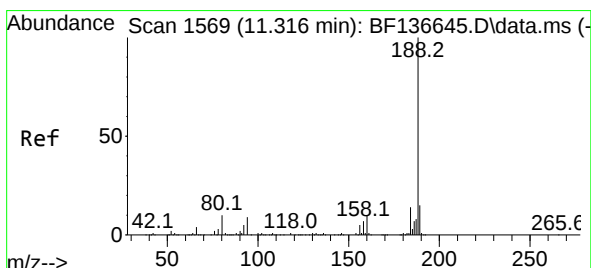
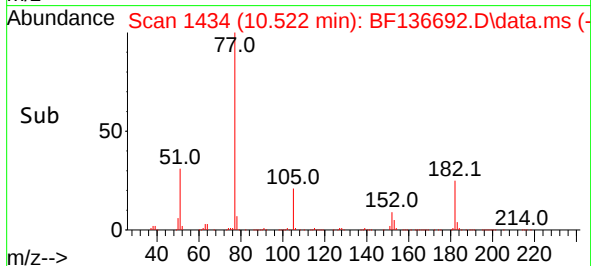
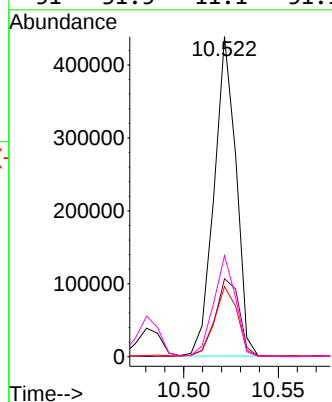


#63
Azobenzene
Concen: 39.081 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Instrument :
BNA_F
ClientSampleId :

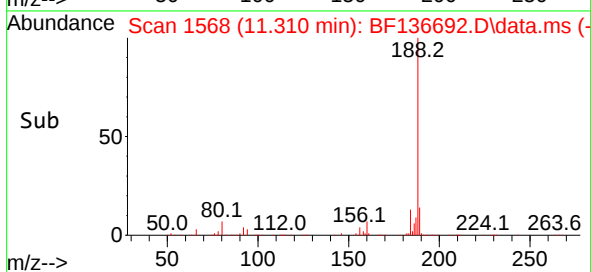
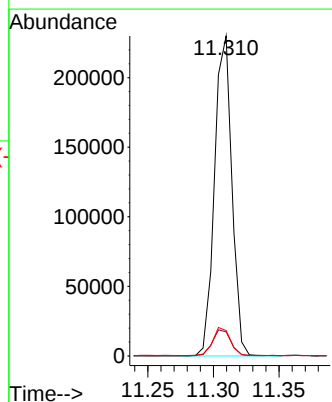
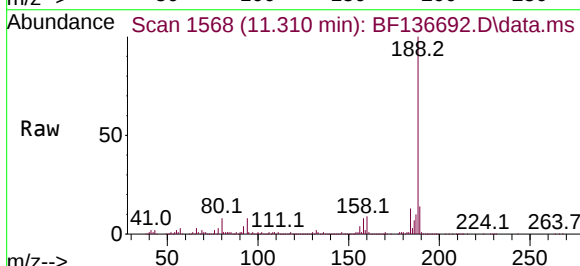


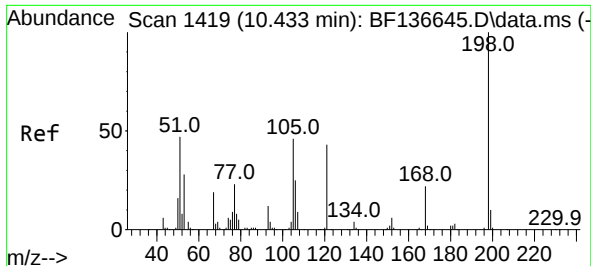
Tgt Ion: 77	Resp: 351950
Ion Ratio	Lower Upper
77 100	
182 24.4	6.0 46.0
105 21.9	2.3 42.3
51 31.5	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion:188	Resp: 211481		
Ion Ratio	Lower	Upper	
188 100			
94 7.5	7.5	11.3	
80 7.9	8.1	12.1#	

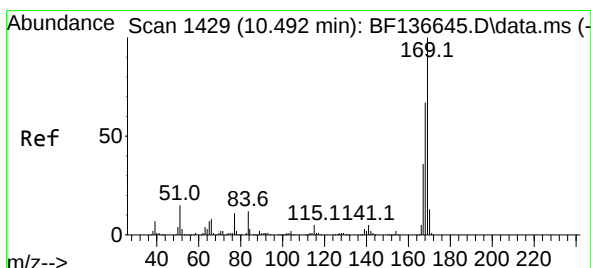
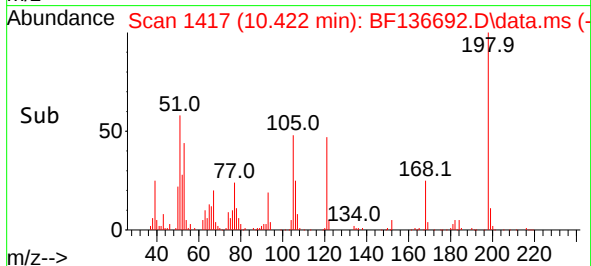
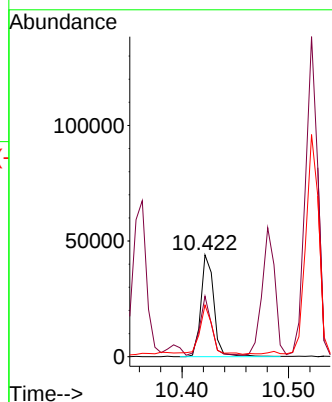
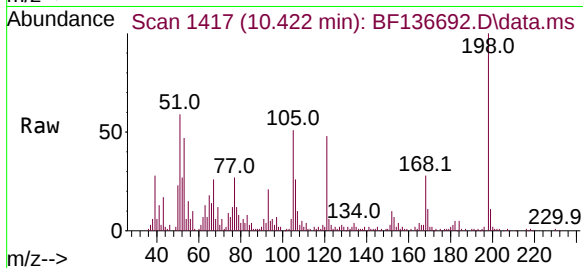




#65
4,6-Dinitro-2-methylphenol
Concen: 30.782 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

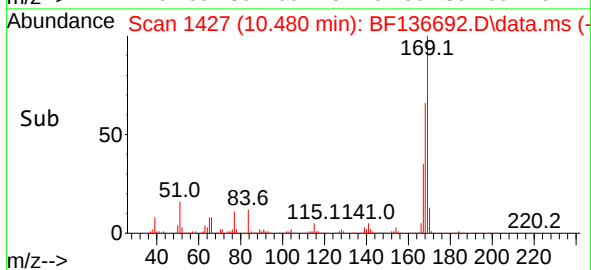
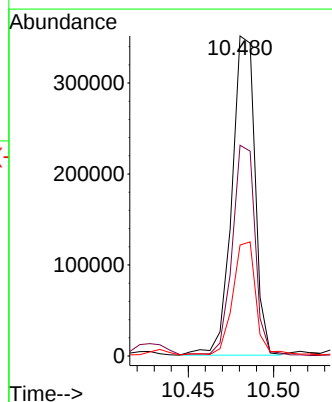
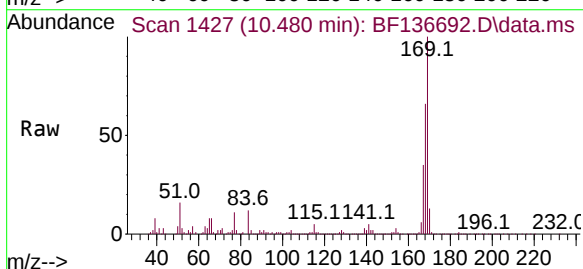
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 37308
Ion Ratio Lower Upper
198 100
51 59.4 34.1 74.1
105 50.7 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 48.300 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion:169 Resp: 331812
Ion Ratio Lower Upper
169 100
168 65.8 53.8 80.6
167 34.7 28.7 43.1

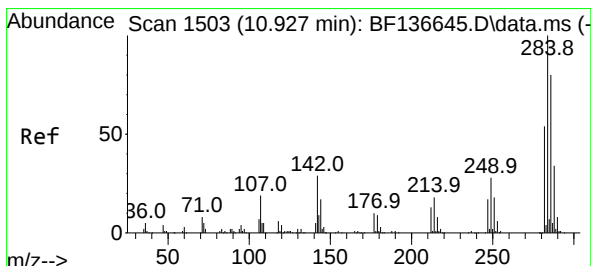
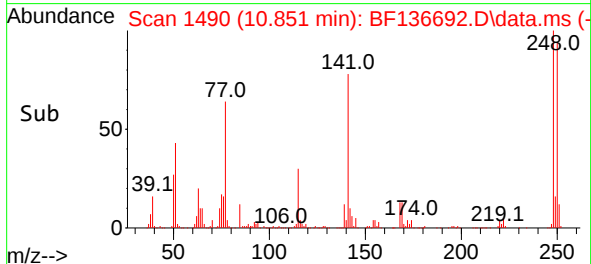
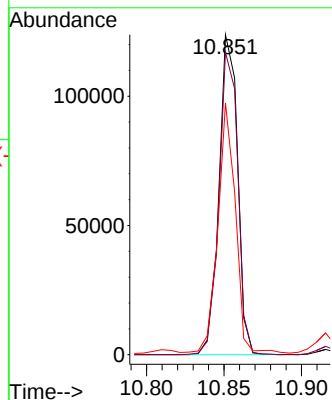
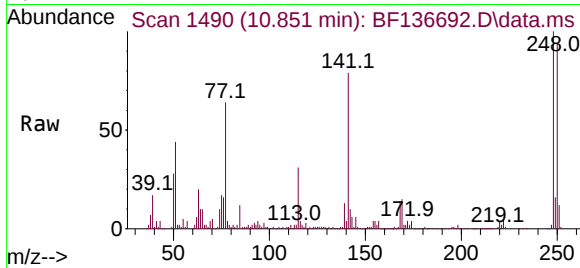




#67
4-Bromophenyl-phenylether
Concen: 43.988 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

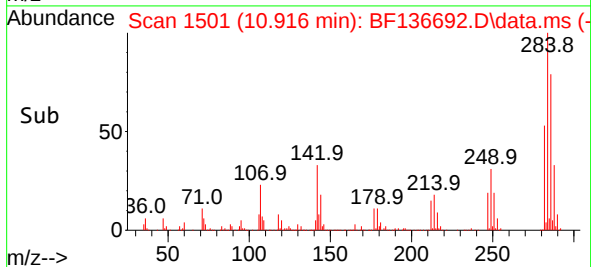
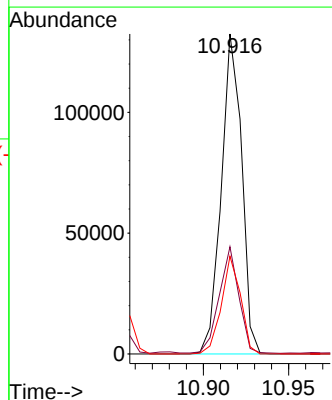
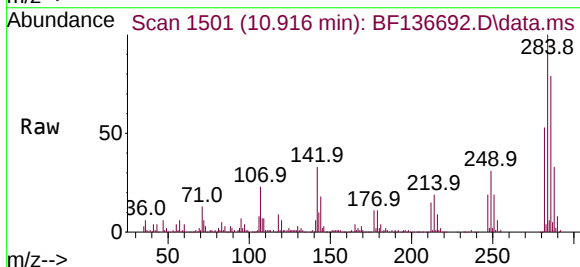
Instrument :
BNA_F
ClientSampleId :

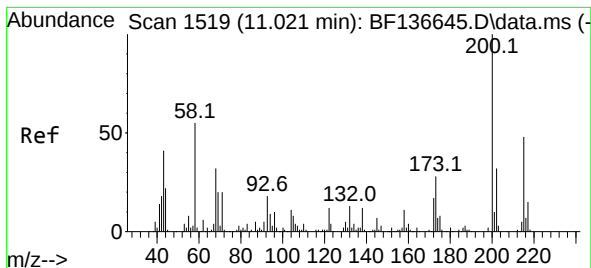
Tgt Ion:248 Resp: 103312
Ion Ratio Lower Upper
248 100
250 94.5 77.8 116.6
141 78.6 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.118 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion:284 Resp: 110239
Ion Ratio Lower Upper
284 100
142 33.5 23.4 35.0
249 30.5 22.3 33.5





#69

Atrazine

Concen: 57.148 ng

RT: 11.016 min Scan# 11

Delta R.T. -0.006 min

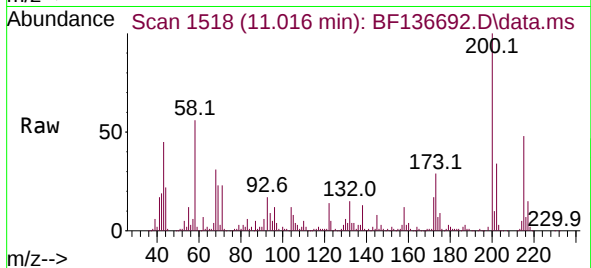
Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :



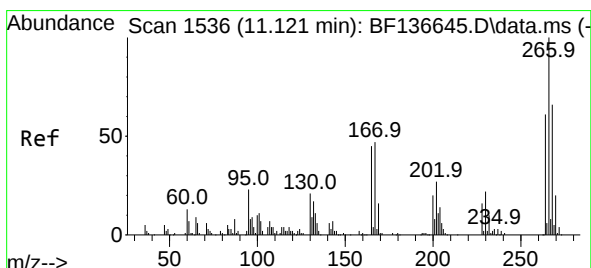
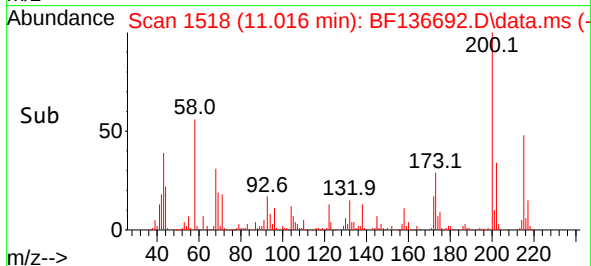
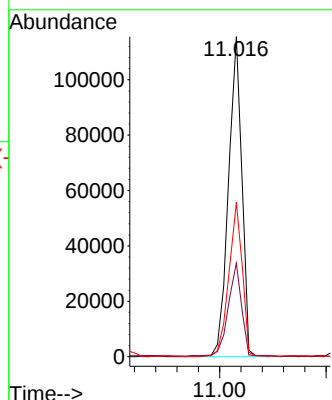
Tgt Ion:200 Resp: 100415

Ion Ratio Lower Upper

200 100

173 29.3 7.6 47.6

215 48.2 28.3 68.3



#70

Pentachlorophenol

Concen: 73.998 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

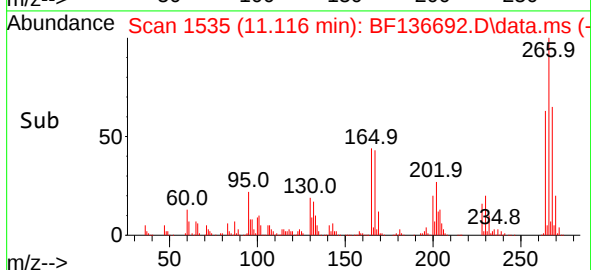
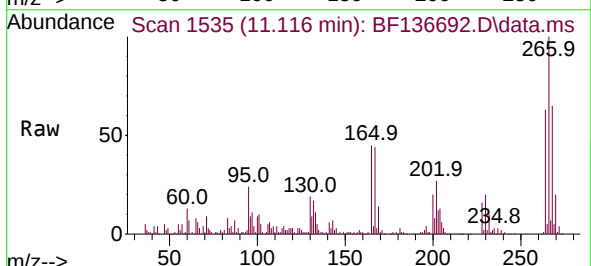
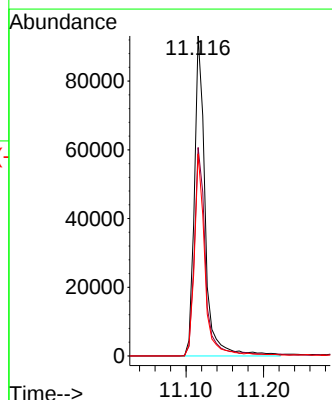
Tgt Ion:266 Resp: 90277

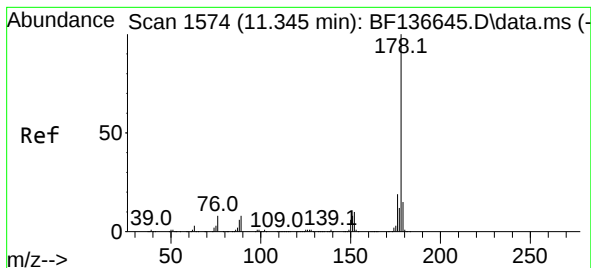
Ion Ratio Lower Upper

266 100

268 65.2 52.6 78.8

264 63.2 49.0 73.4





#71

Phenanthrene

Concen: 42.631 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

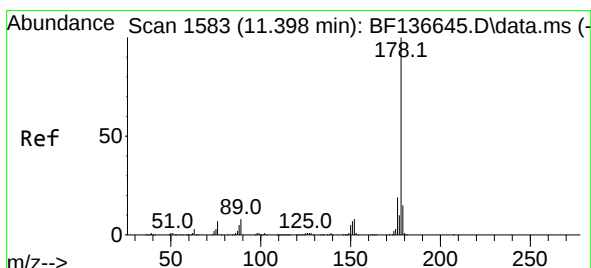
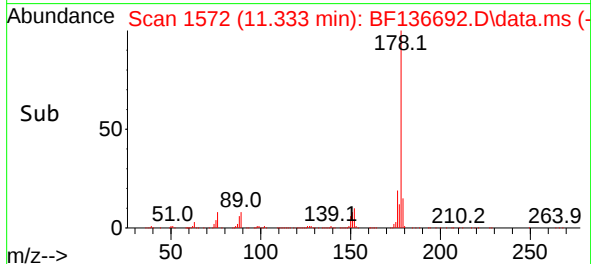
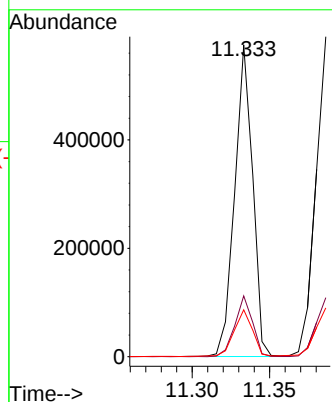
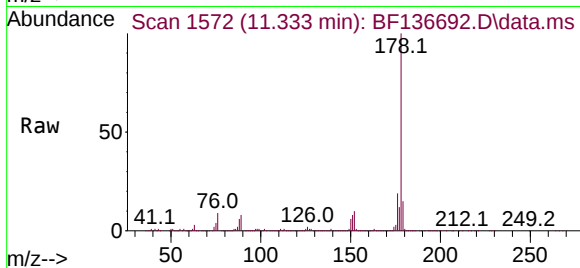
Tgt Ion:178 Resp: 462600

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.0 11.9 17.9



#72

Anthracene

Concen: 42.213 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

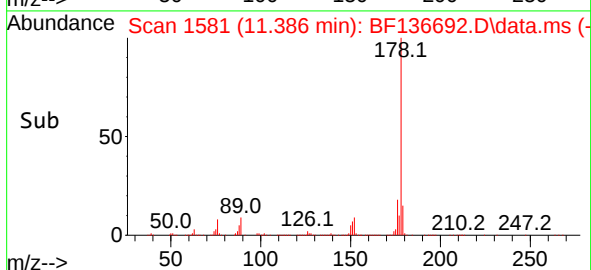
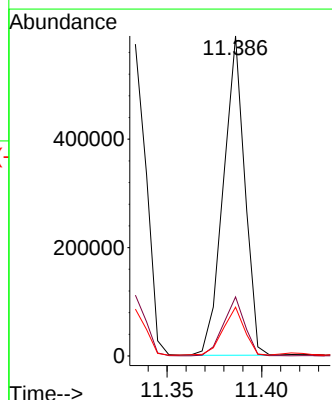
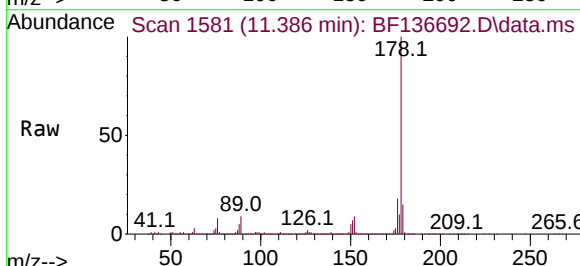
Tgt Ion:178 Resp: 463900

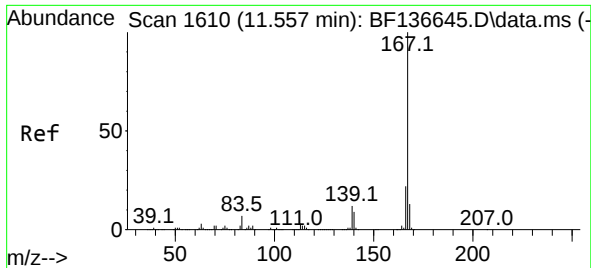
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

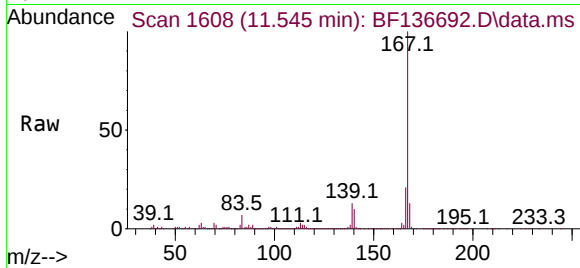
179 15.2 11.8 17.6



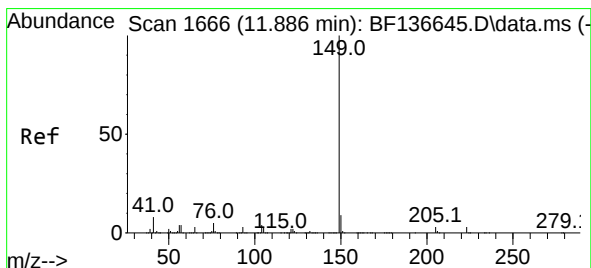
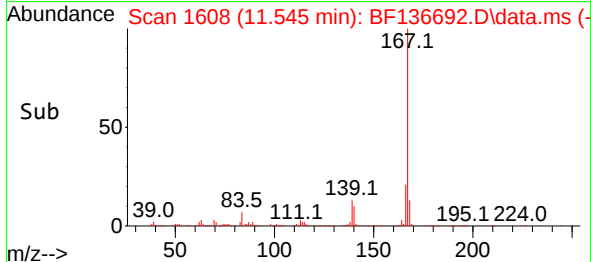
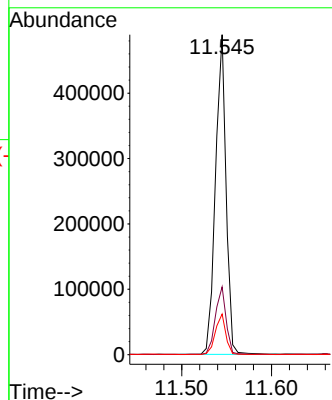


#73
Carbazole
Concen: 38.633 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Instrument :
BNA_F
ClientSampleId :

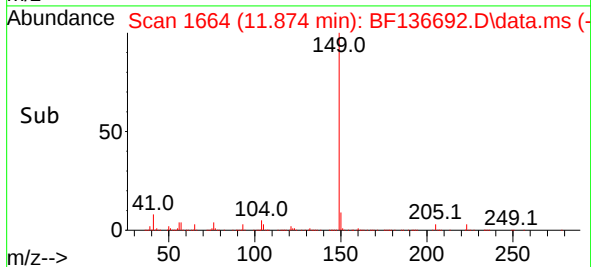
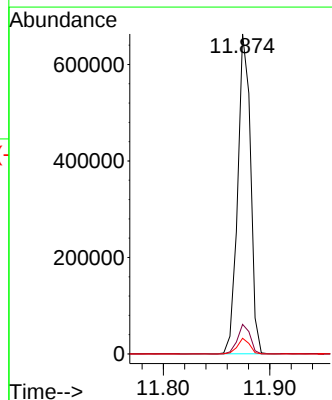
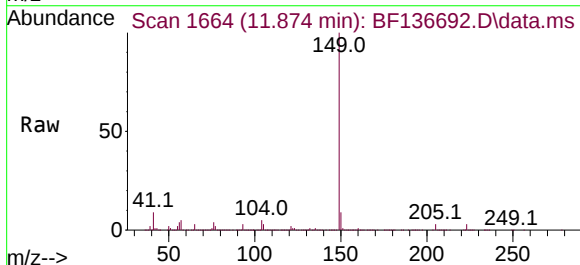


Tgt Ion:167 Resp: 400281
Ion Ratio Lower Upper
167 100
166 21.2 17.3 25.9
139 12.7 9.8 14.6



#74
Di-n-butylphthalate
Concen: 43.914 ng
RT: 11.874 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion:149 Resp: 555207
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 35.976 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

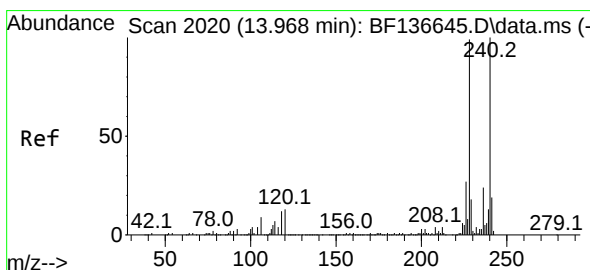
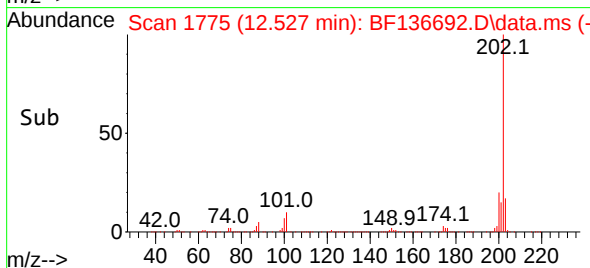
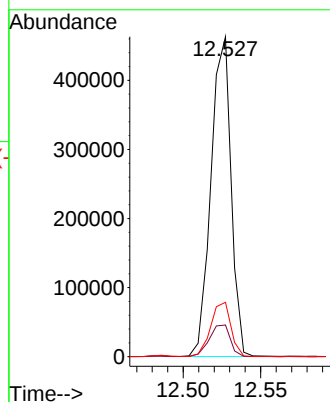
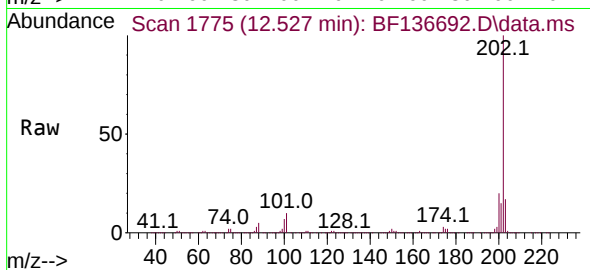
Tgt Ion:202 Resp: 417577

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.3

203 17.0 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

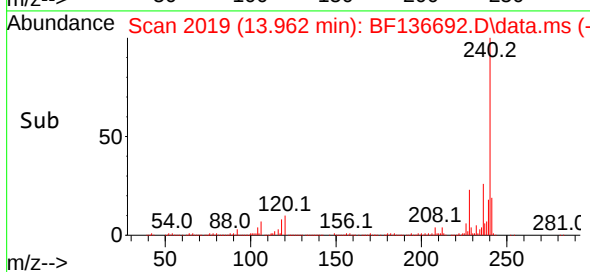
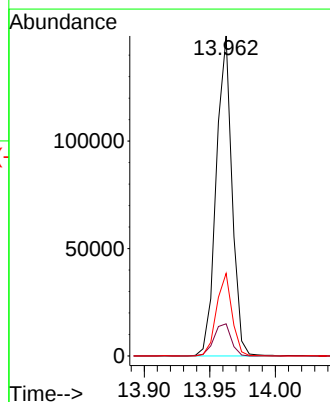
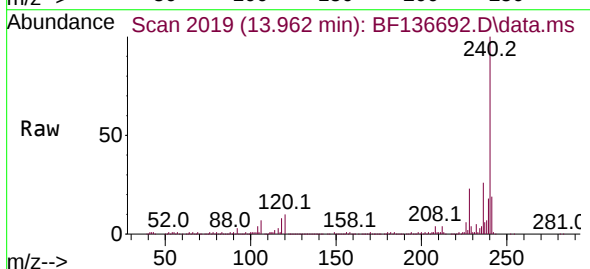
Tgt Ion:240 Resp: 124515

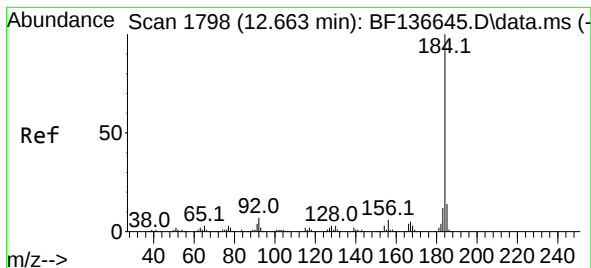
Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

236 25.8 19.4 29.2





#77

Benzidine

Concen: 30.255 ng

RT: 12.651 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

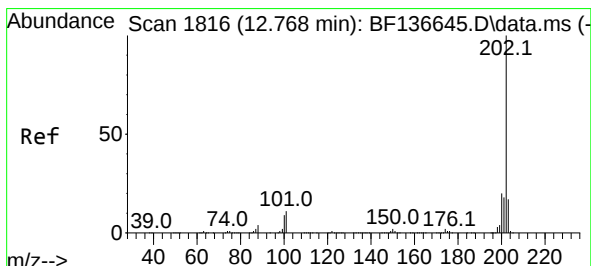
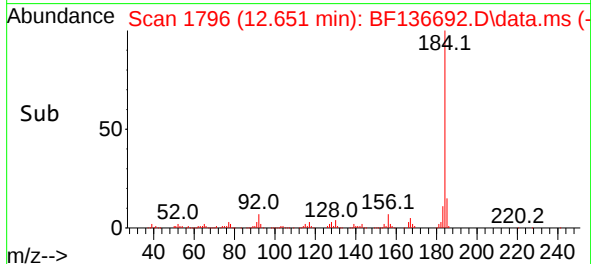
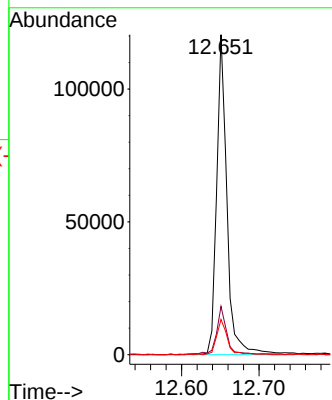
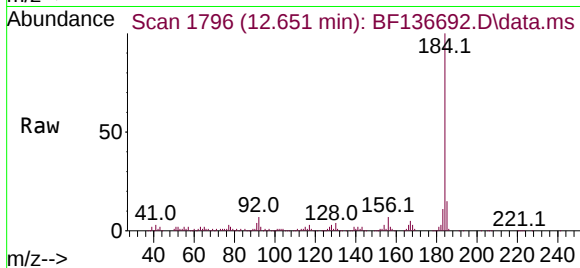
Tgt Ion:184 Resp: 111080

Ion Ratio Lower Upper

184 100

185 15.1 11.2 16.8

183 11.0 9.3 13.9



#78

Pyrene

Concen: 33.662 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

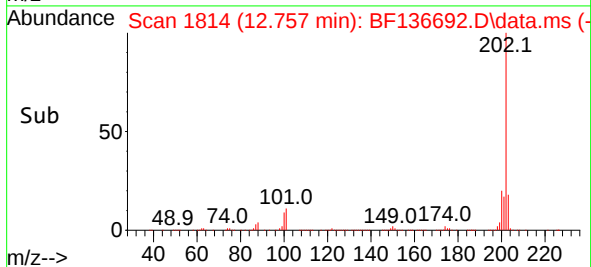
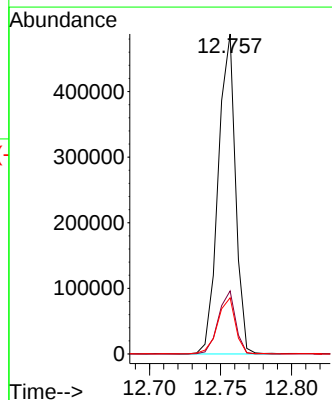
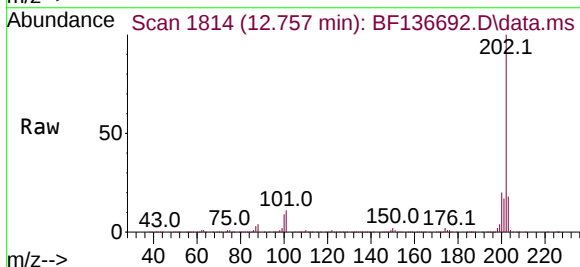
Tgt Ion:202 Resp: 411458

Ion Ratio Lower Upper

202 100

200 19.7 15.9 23.9

203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 55.892 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

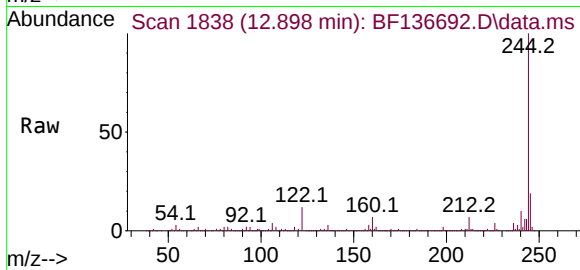
Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :



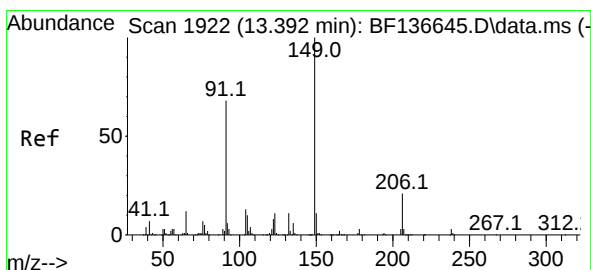
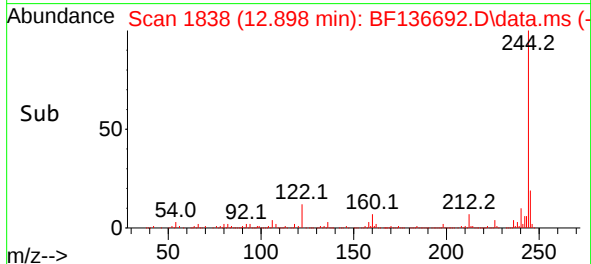
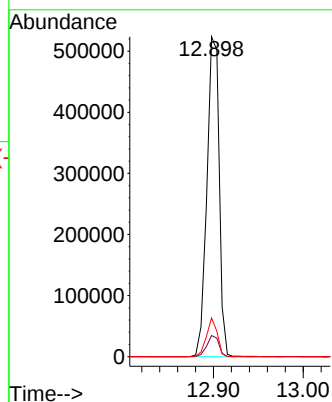
Tgt Ion:244 Resp: 497999

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 12.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 39.620 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

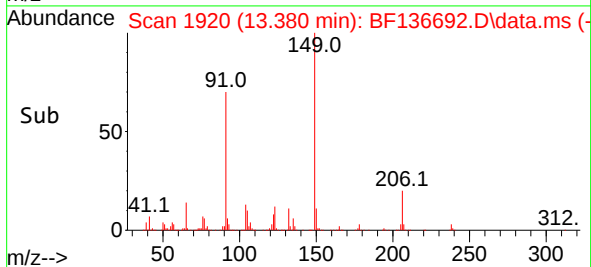
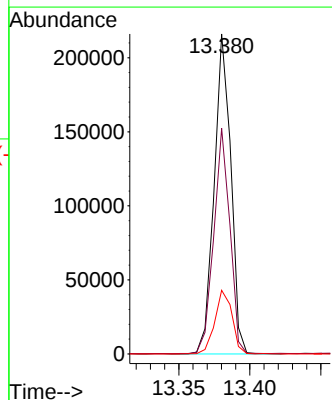
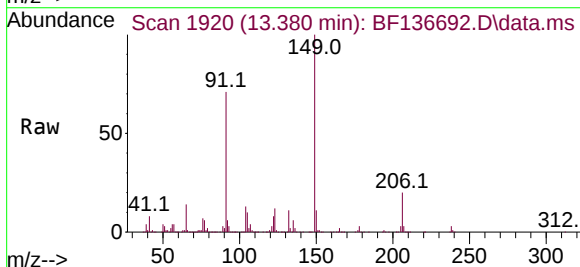
Tgt Ion:149 Resp: 176219

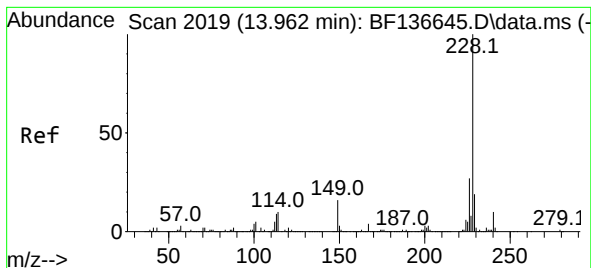
Ion Ratio Lower Upper

149 100

91 70.6 54.1 81.1

206 19.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.210 ng

RT: 13.951 min Scan# 2011

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

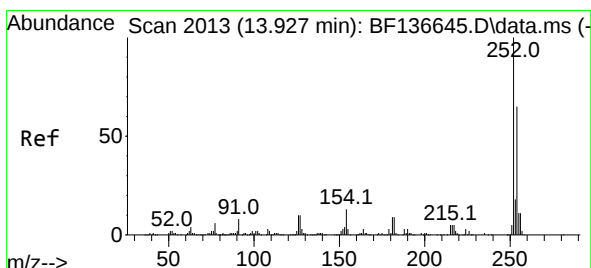
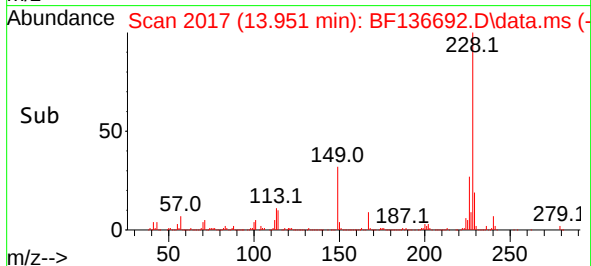
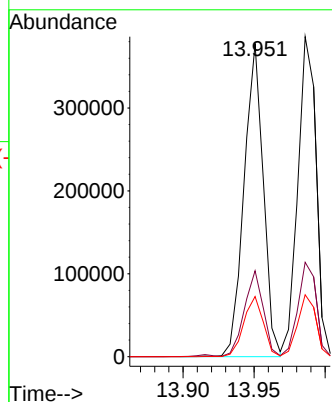
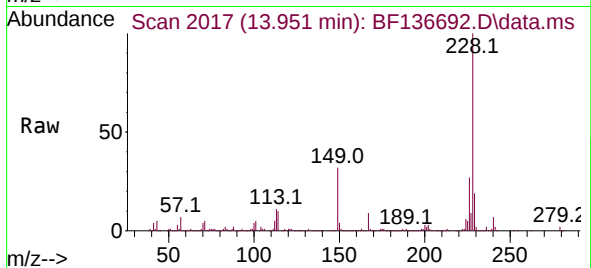
Tgt Ion:228 Resp: 356313

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

229 19.2 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 43.450 ng

RT: 13.915 min Scan# 2011

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

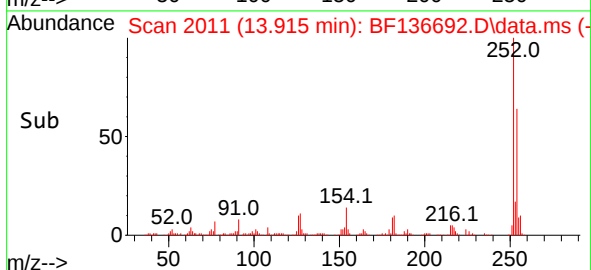
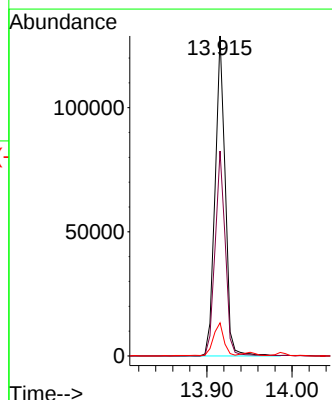
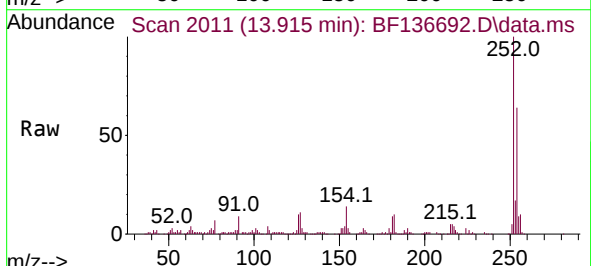
Tgt Ion:252 Resp: 106690

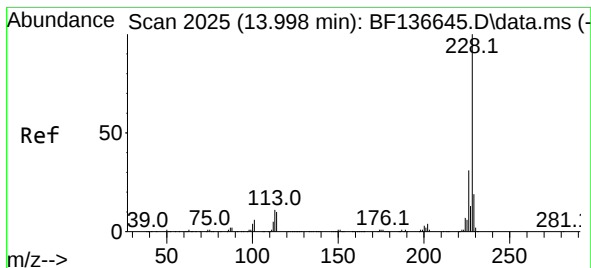
Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.4

126 10.3 8.0 12.0





#83

Chrysene

Concen: 41.123 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

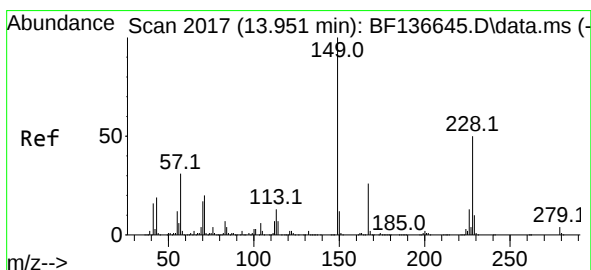
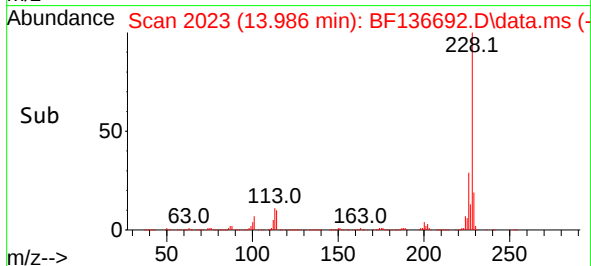
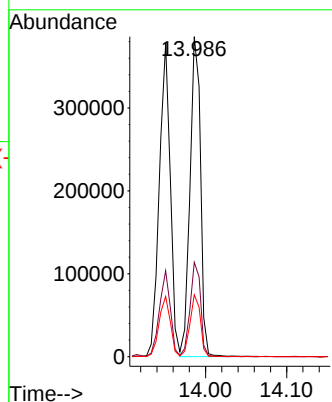
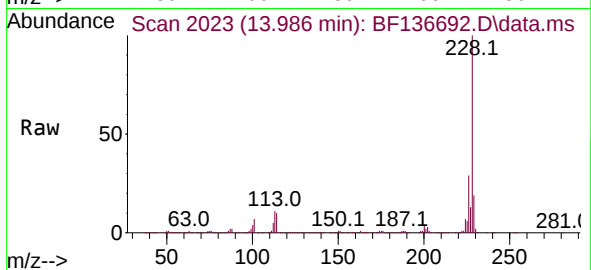
Tgt Ion:228 Resp: 347702

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

229 19.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.699 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

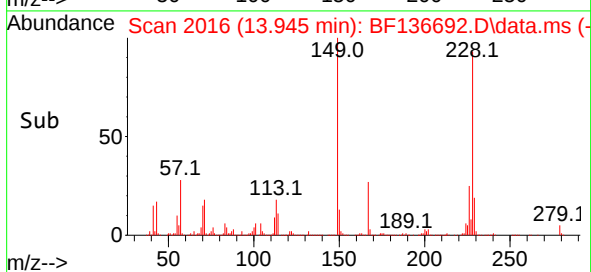
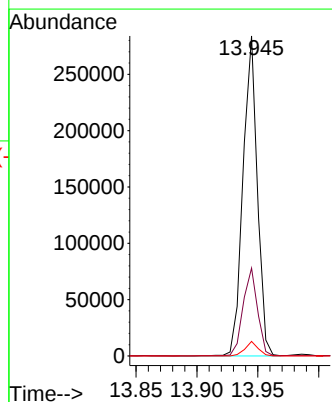
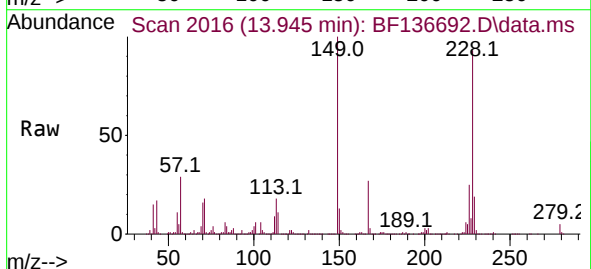
Tgt Ion:149 Resp: 233347

Ion Ratio Lower Upper

149 100

167 27.5 20.9 31.3

279 4.6 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 48.252 ng

RT: 14.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

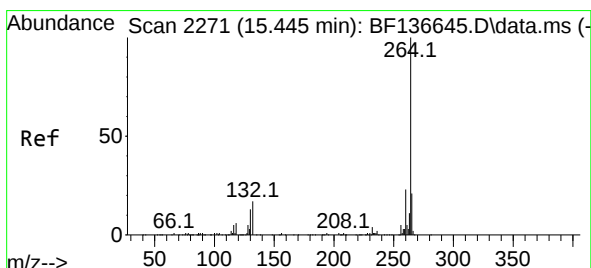
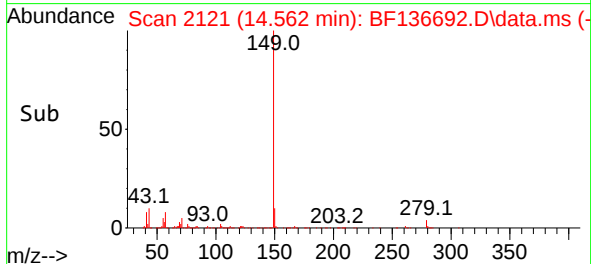
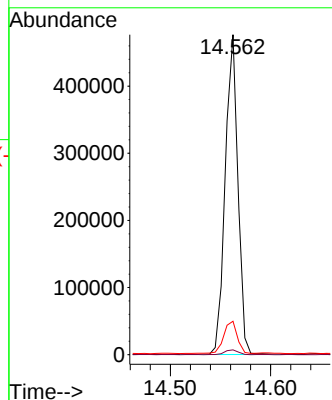
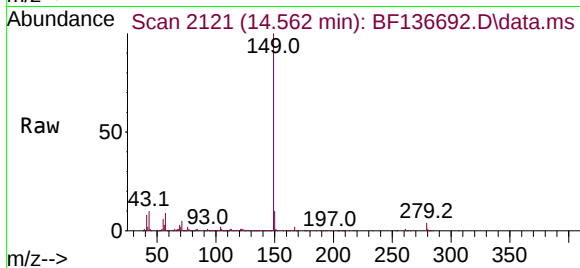
Tgt Ion:149 Resp: 417680

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 11.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

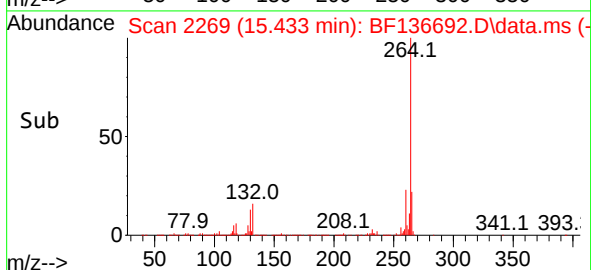
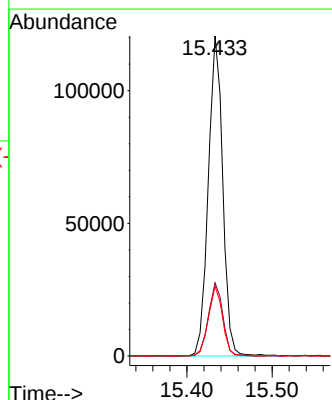
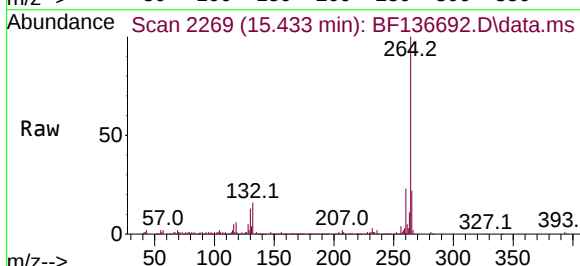
Tgt Ion:264 Resp: 142018

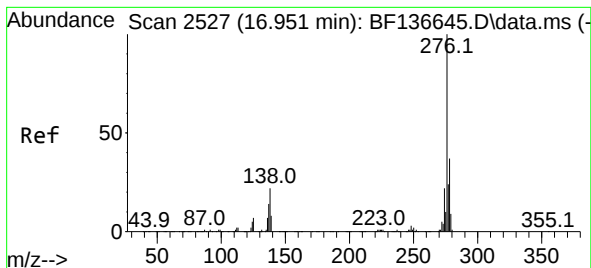
Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.775 ng

RT: 16.933 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

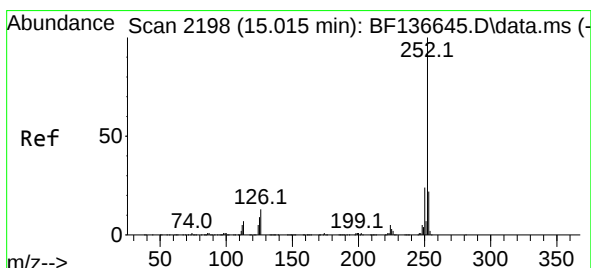
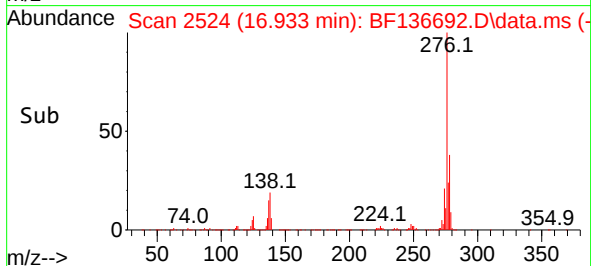
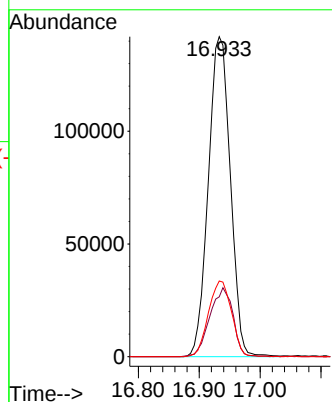
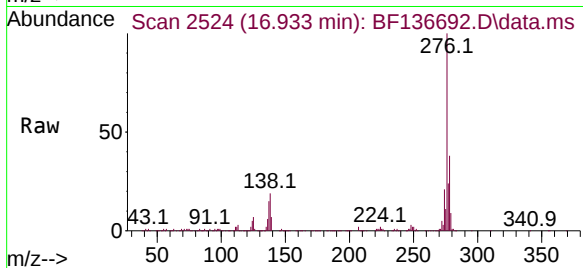
Tgt Ion:276 Resp: 356583

Ion Ratio Lower Upper

276 100

138 22.7 18.7 28.1

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.441 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

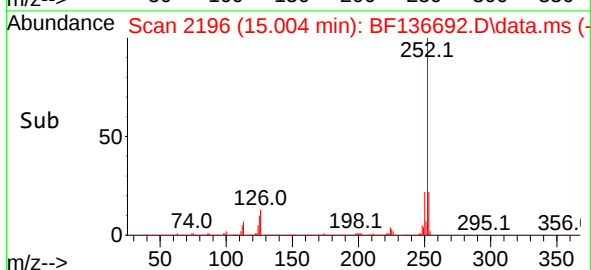
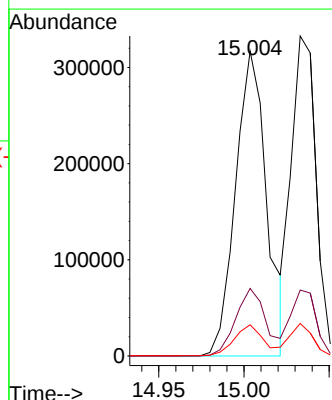
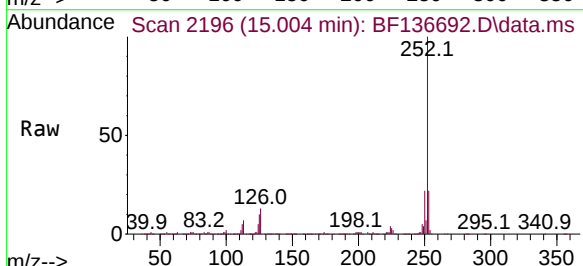
Tgt Ion:252 Resp: 402574

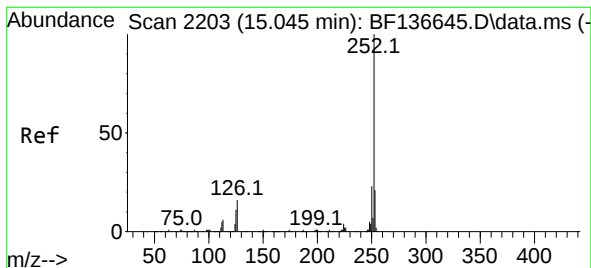
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 37.373 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

Instrument :

BNA_F

ClientSampleId :

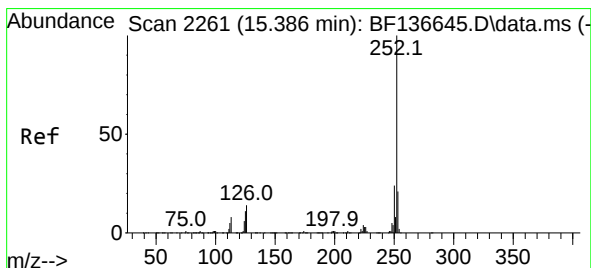
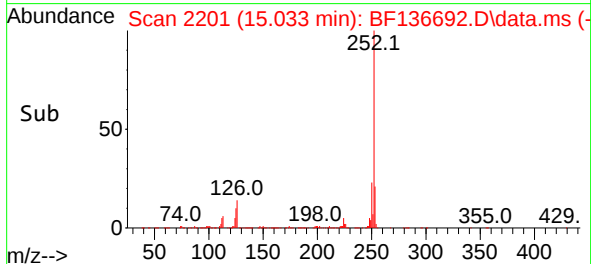
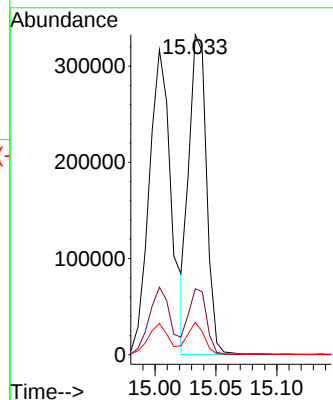
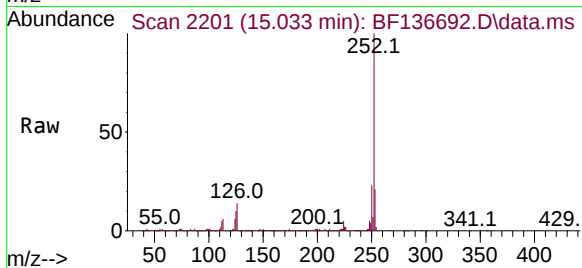
Tgt Ion:252 Resp: 334976

Ion Ratio Lower Upper

252 100

253 20.6 17.0 25.6

125 10.1 8.2 12.4



#90

Benzo(a)pyrene

Concen: 41.343 ng

RT: 15.374 min Scan# 2259

Delta R.T. -0.012 min

Lab File: BF136692.D

Acq: 22 Dec 2023 18:40

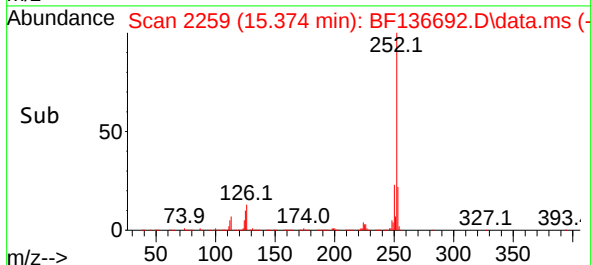
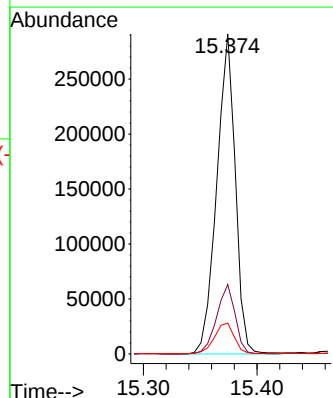
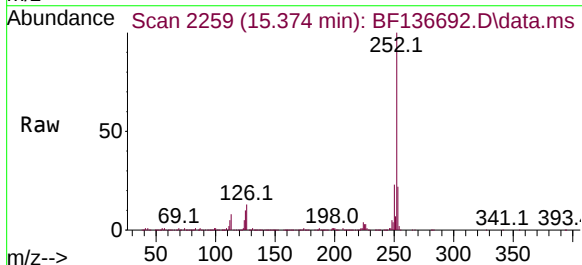
Tgt Ion:252 Resp: 331025

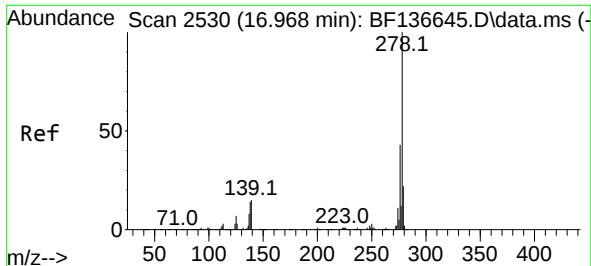
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 9.7 8.8 13.2

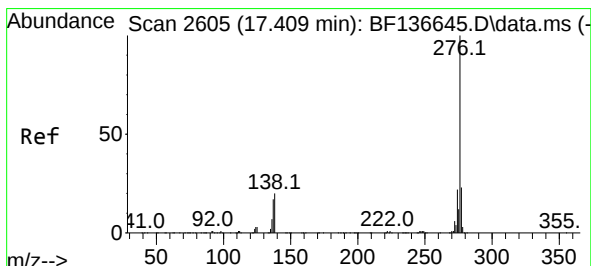
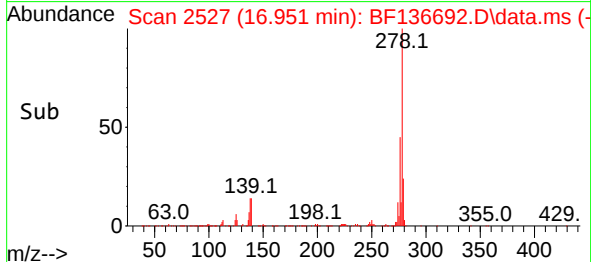
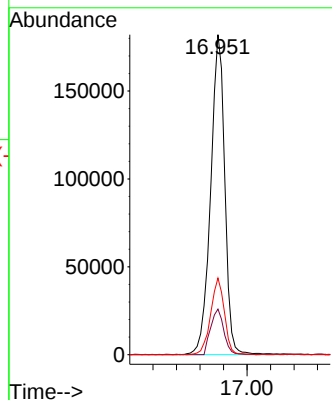
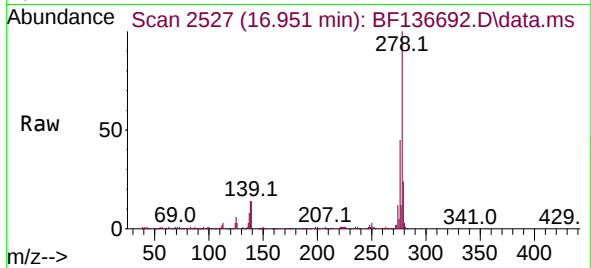




#91
Dibenzo(a,h)anthracene
Concen: 36.119 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 303841
Ion Ratio Lower Upper
278 100
139 14.2 12.2 18.4
279 24.0 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 30.709 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.024 min
Lab File: BF136692.D
Acq: 22 Dec 2023 18:40

Tgt Ion:276 Resp: 264584
Ion Ratio Lower Upper
276 100
277 24.1 18.3 27.5
138 20.7 15.6 23.4

