

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136321.D
 Acq On : 30 Nov 2023 19:09
 Operator : CG\JU
 Sample : 05540-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 00:10:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	130603	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	518196	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	236252	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	337819	20.000	ng	0.00
76) Chrysene-d12	13.986	240	245713	20.000	ng	0.00
86) Perylene-d12	15.468	264	254711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	829481	88.399	ng	0.00
7) Phenol-d6	6.446	99	1016394	86.629	ng	0.00
23) Nitrobenzene-d5	7.369	82	629101	64.153	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	239258	82.835	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1181549	63.881	ng	0.00
79) Terphenyl-d14	12.927	244	876564	41.150	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	123141	34.683	ng	95
3) Pyridine	3.393	79	304255	34.715	ng	96
4) n-Nitrosodimethylamine	3.363	42	164698	37.176	ng	93
6) Aniline	6.475	93	361516	32.600	ng	95
8) 2-Chlorophenol	6.593	128	440412	43.106	ng	95
9) Benzaldehyde	6.357	77	43742	6.689	ng	98
10) Phenol	6.457	94	528180	41.962	ng	95
11) bis(2-Chloroethyl)ether	6.545	93	398291	43.133	ng	99
12) 1,3-Dichlorobenzene	6.745	146	461496	39.802	ng	97
13) 1,4-Dichlorobenzene	6.822	146	477073	40.475	ng	98
14) 1,2-Dichlorobenzene	6.975	146	450004	40.327	ng	98
15) Benzyl Alcohol	6.951	79	350266	42.580	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	530744	41.379	ng	98
17) 2-Methylphenol	7.063	107	345253	42.983	ng	98
18) Hexachloroethane	7.316	117	163533	39.554	ng	93
19) n-Nitroso-di-n-propyla...	7.222	70	290773	41.437	ng	98
20) 3+4-Methylphenols	7.216	107	431499	41.334	ng	98
22) Acetophenone	7.216	105	616003	45.263	ng	# 95
24) Nitrobenzene	7.387	77	428441	43.113	ng	99
25) Isophorone	7.628	82	796740	45.059	ng	97
26) 2-Nitrophenol	7.704	139	221159	52.232	ng	91
27) 2,4-Dimethylphenol	7.740	122	319813	57.386	ng	95
28) bis(2-Chloroethoxy)met...	7.840	93	493060	46.100	ng	99
29) 2,4-Dichlorophenol	7.945	162	352358	46.875	ng	100
30) 1,2,4-Trichlorobenzene	8.028	180	400605	43.529	ng	98
31) Naphthalene	8.110	128	1283720	44.074	ng	99
32) Benzoic acid	7.863	122	231599	45.598	ng	96
33) 4-Chloroaniline	8.151	127	130151	13.146	ng	98
34) Hexachlorobutadiene	8.222	225	228663	42.469	ng	98
35) Caprolactam	8.534	113	81028	38.559	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	354524	43.485	ng	96
37) 2-Methylnaphthalene	8.798	142	783477	42.881	ng	100
38) 1-Methylnaphthalene	8.898	142	748223	41.979	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	374572	49.818	ng	99
41) Hexachlorocyclopentadiene	8.951	237	265023	91.605	ng	96
43) 2,4,6-Trichlorophenol	9.075	196	231458	47.428	ng	95

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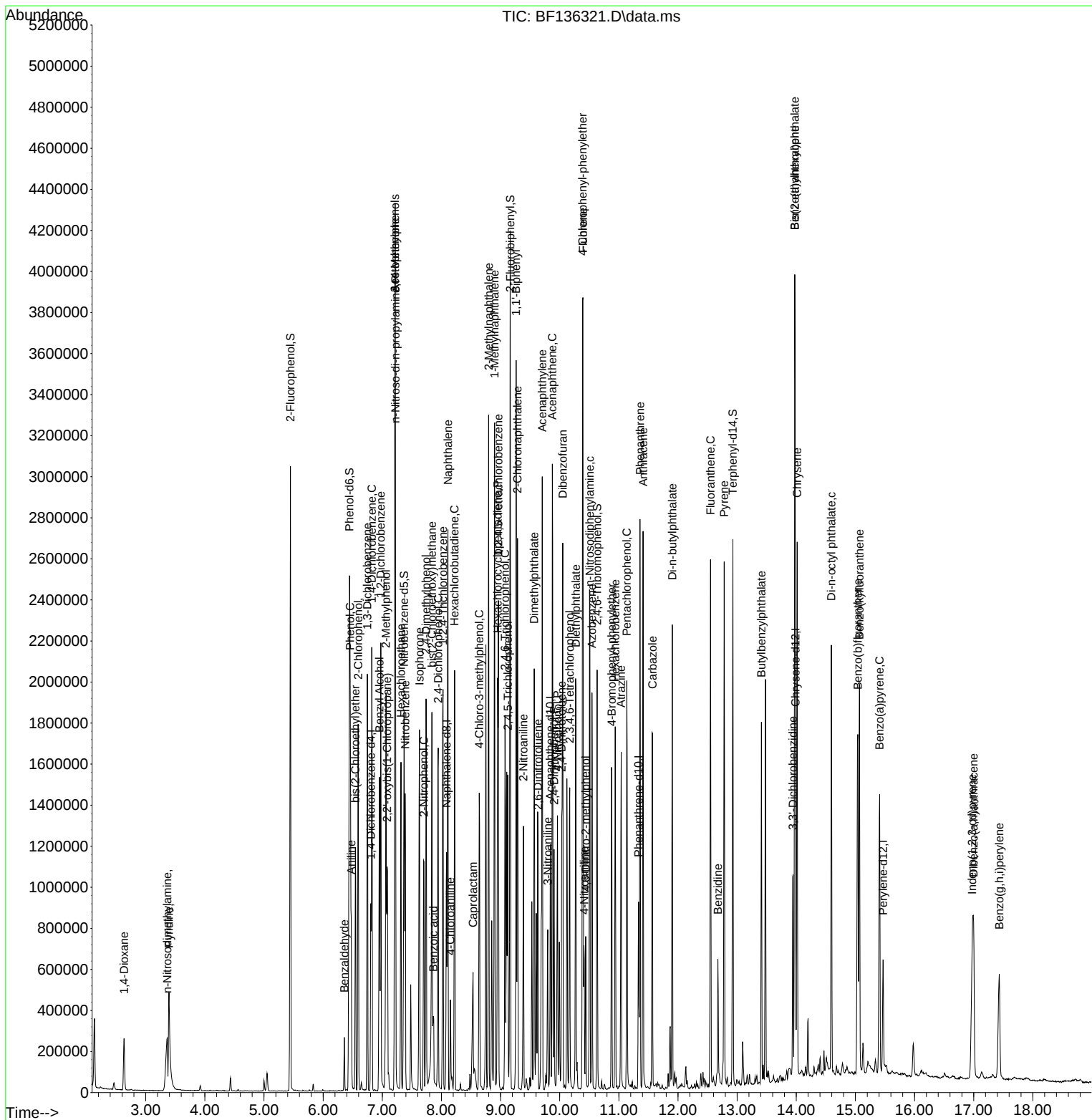
Instrument :
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Quant Time: Dec 01 00:10:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	248154	46.596	ng	99
46) 1,1'-Biphenyl	9.263	154	1015800	48.757	ng	98
47) 2-Chloronaphthalene	9.287	162	750858	46.409	ng	97
48) 2-Nitroaniline	9.386	65	198078	46.892	ng	86
49) Acenaphthylene	9.704	152	1147484	49.698	ng	99
50) Dimethylphthalate	9.569	163	873785	48.934	ng	98
51) 2,6-Dinitrotoluene	9.634	165	175663	48.154	ng	# 84
52) Acenaphthene	9.875	154	665174	45.588	ng	97
53) 3-Nitroaniline	9.798	138	117805	32.546	ng	92
54) 2,4-Dinitrophenol	9.904	184	139251	82.076	ng	98
55) Dibenzofuran	10.051	168	988263	45.517	ng	98
56) 4-Nitrophenol	9.963	139	224170	81.544	ng	90
57) 2,4-Dinitrotoluene	10.034	165	212539	43.618	ng	94
58) Fluorene	10.392	166	728166	42.756	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	187423	44.230	ng	99
60) Diethylphthalate	10.275	149	816291	45.700	ng	97
61) 4-Chlorophenyl-phenyle...	10.386	204	360236	43.556	ng	97
62) 4-Nitroaniline	10.416	138	135132	38.140	ng	93
63) Azobenzene	10.545	77	685006	41.367	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	91649	49.611	ng	99
66) n-Nitrosodiphenylamine	10.510	169	630300	58.222	ng	97
67) 4-Bromophenyl-phenylether	10.881	248	214661	54.466	ng	93
68) Hexachlorobenzene	10.939	284	226015	49.549	ng	# 92
69) Atrazine	11.039	200	192243	59.862	ng	97
70) Pentachlorophenol	11.133	266	229211	88.898	ng	97
71) Phenanthrene	11.357	178	1020339	53.739	ng	99
72) Anthracene	11.410	178	961694	50.508	ng	99
73) Carbazole	11.569	167	749902	46.307	ng	98
74) Di-n-butylphthalate	11.904	149	1046186	51.632	ng	99
75) Fluoranthene	12.551	202	970368	50.343	ng	97
77) Benzidine	12.675	184	236489	58.550	ng	99
78) Pyrene	12.780	202	973659	36.182	ng	99
80) Butylbenzylphthalate	13.410	149	363217	43.369	ng	99
81) Benzo(a)anthracene	13.974	228	888554	48.686	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	230195	52.398	ng	97
83) Chrysene	14.016	228	873834	49.588	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	515166	51.255	ng	# 99
85) Di-n-octyl phthalate	14.592	149	1030068	61.477	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	598500	32.360	ng	98
88) Benzo(b)fluoranthene	15.039	252	912688	51.073	ng	99
89) Benzo(k)fluoranthene	15.068	252	799053	47.080	ng	98
90) Benzo(a)pyrene	15.410	252	714649	48.920	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	489392	32.929	ng	99
92) Benzo(g,h,i)perylene	17.433	276	441339	29.543	ng	98

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

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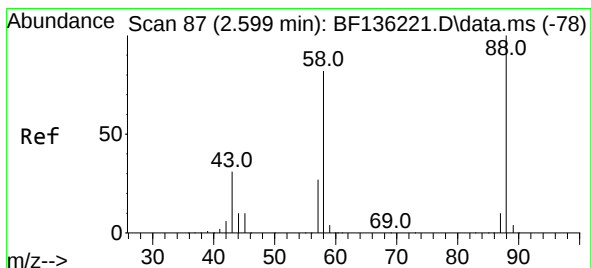
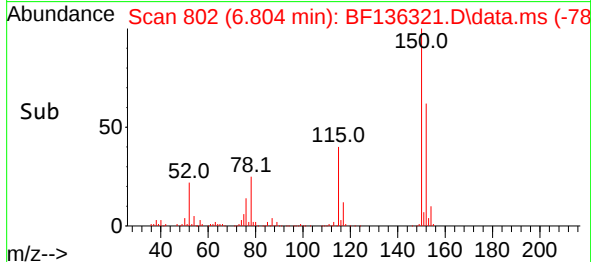
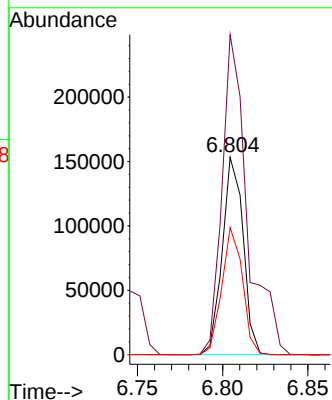
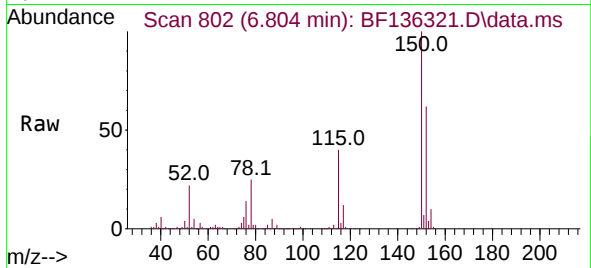




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136321.D
 Acq: 30 Nov 2023 19:09

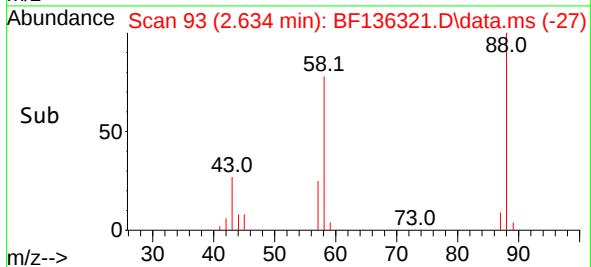
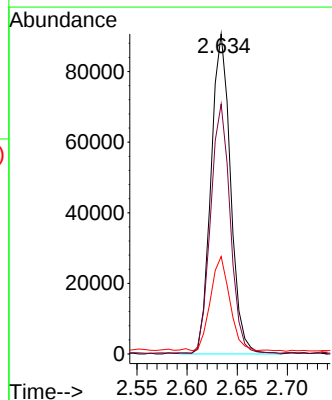
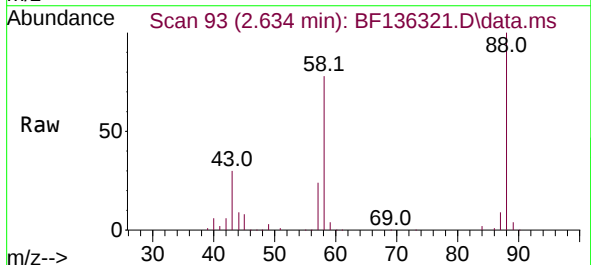
Instrument :
 BNA_F
 ClientSampleId :

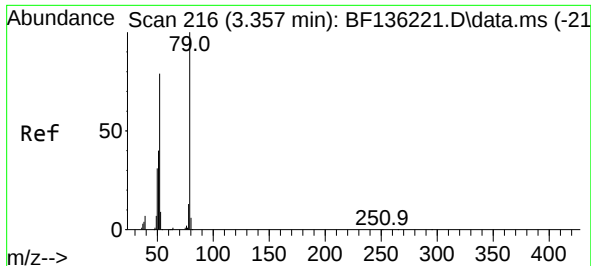
Tgt Ion:152 Resp: 130603
 Ion Ratio Lower Upper
 152 100
 150 162.2 137.8 206.8
 115 64.4 52.7 79.1



#2
 1,4-Dioxane
 Concen: 34.683 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.035 min
 Lab File: BF136321.D
 Acq: 30 Nov 2023 19:09

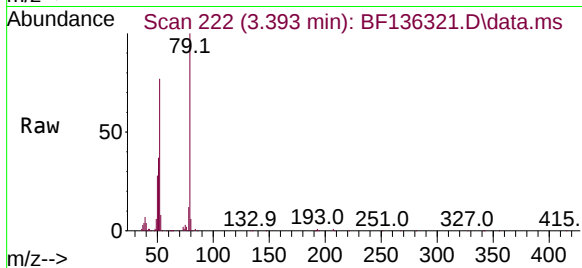
Tgt Ion: 88 Resp: 123141
 Ion Ratio Lower Upper
 88 100
 58 77.5 65.9 98.9
 43 28.8 24.8 37.2



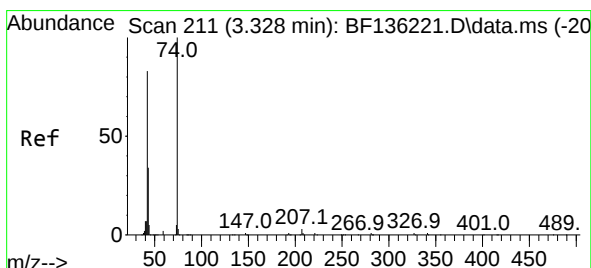
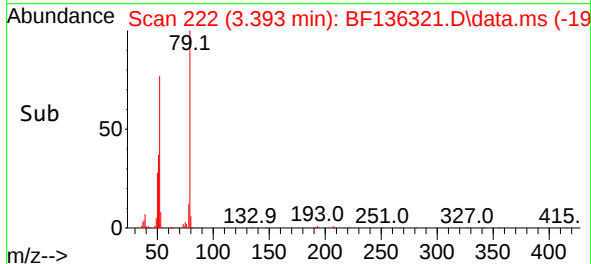
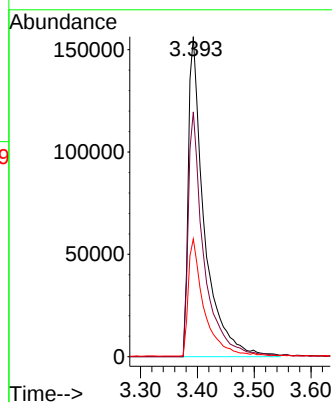


#3
Pyridine
Concen: 34.715 ng
RT: 3.393 min Scan# 216
Delta R.T. 0.035 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Instrument :
BNA_F
ClientSampleId :

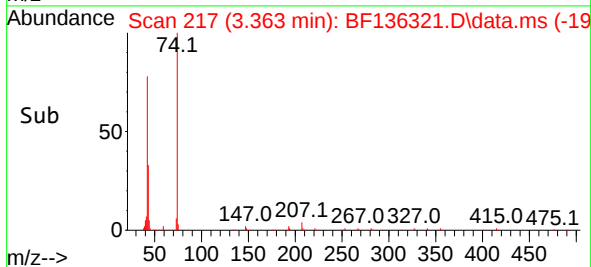
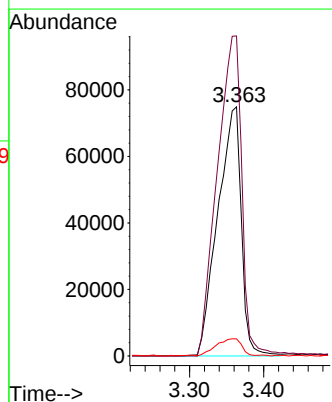
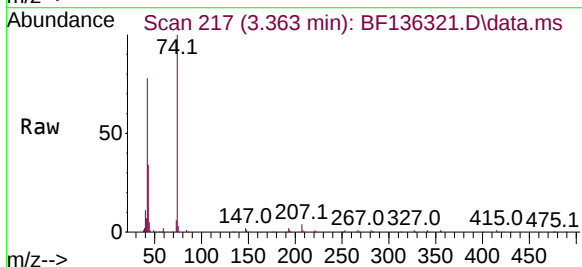


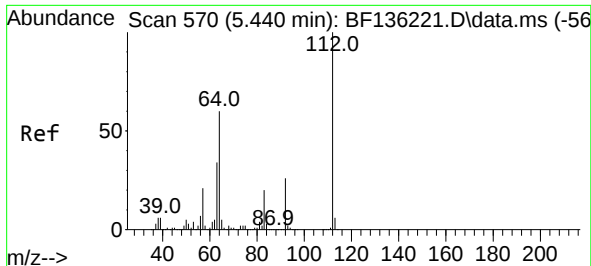
Tgt Ion: 79 Resp: 304255
Ion Ratio Lower Upper
79 100
52 76.5 63.2 94.8
51 36.8 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 37.176 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.035 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion: 42 Resp: 164698
Ion Ratio Lower Upper
42 100
74 128.5 96.6 144.8
44 6.9 5.4 8.2

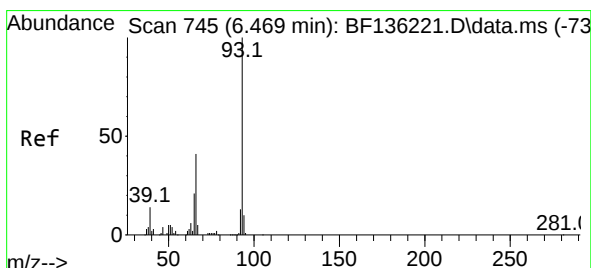
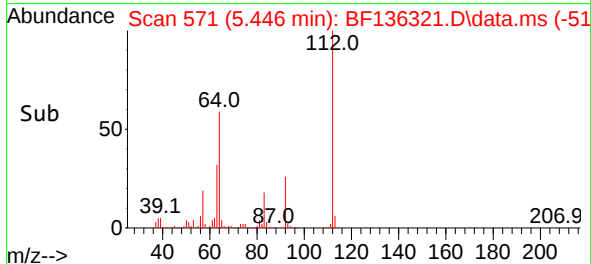
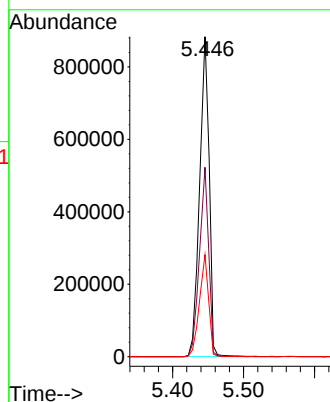
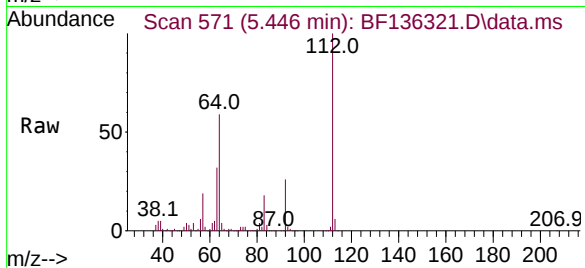




#5
2-Fluorophenol
Concen: 88.399 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

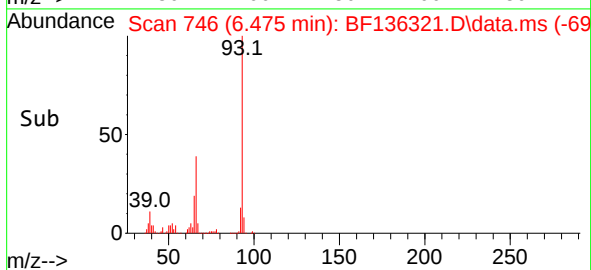
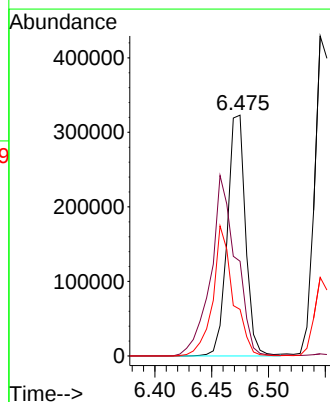
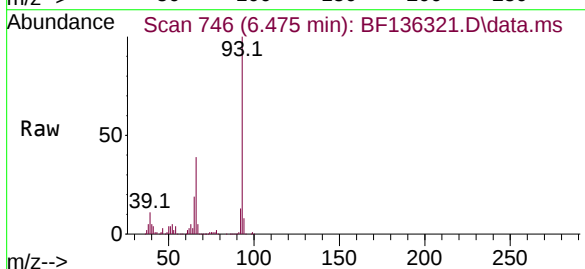
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BNA_F
ClientSampleId :

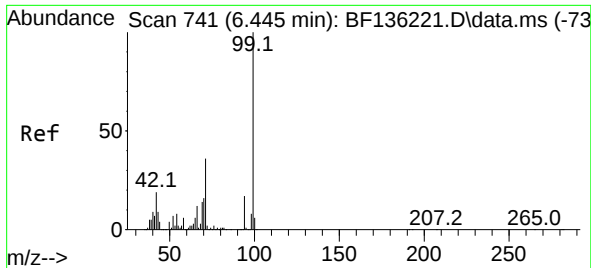
Tgt Ion:112 Resp: 829481
Ion Ratio Lower Upper
112 100
64 59.2 48.2 72.4
63 31.9 27.0 40.6



#6
Aniline
Concen: 32.600 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion: 93 Resp: 361516
Ion Ratio Lower Upper
93 100
66 39.4 34.1 51.1
65 19.3 17.3 25.9

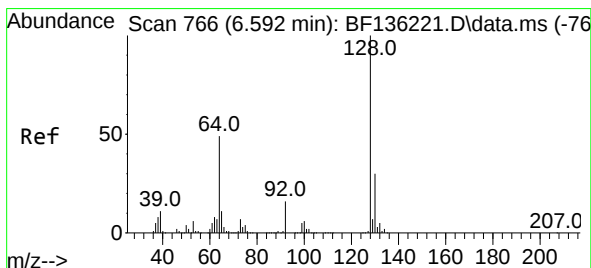
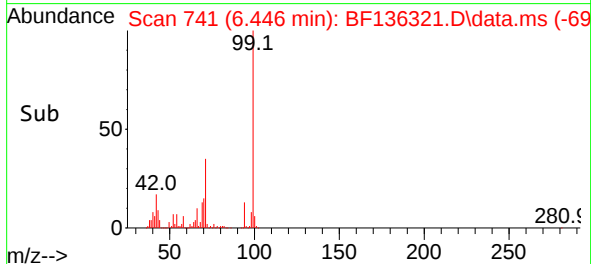
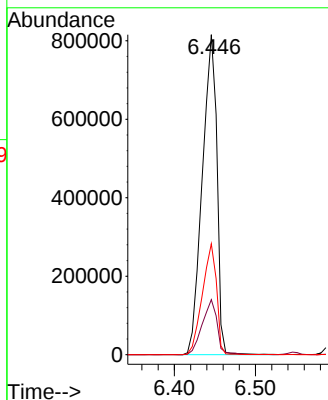
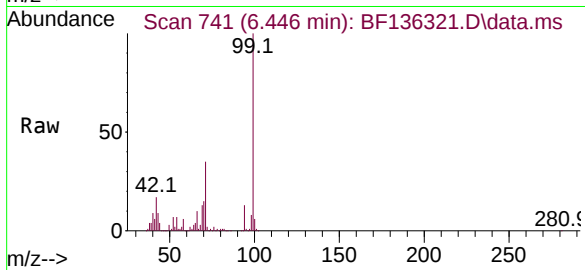




#7
Phenol-d6
Concen: 86.629 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

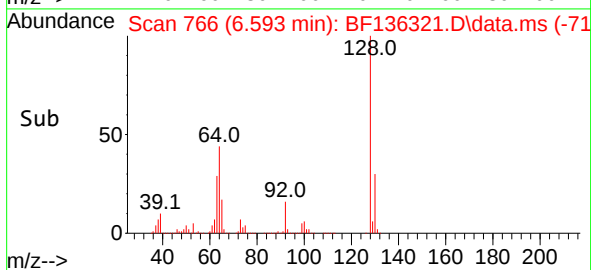
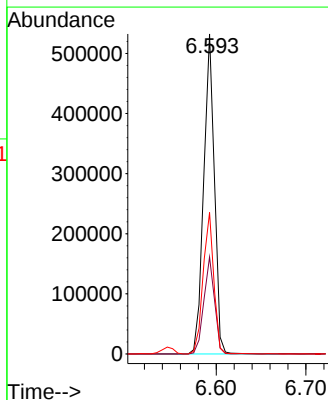
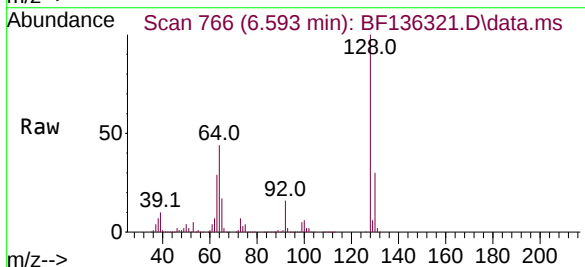
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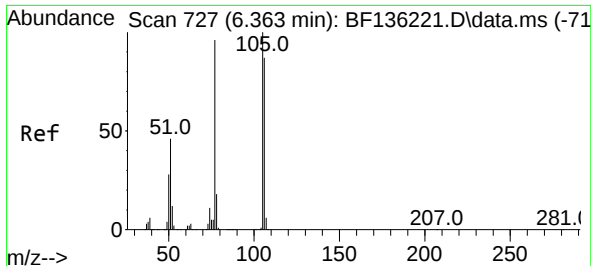
Tgt Ion: 99 Resp: 1016394
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.6
71 34.7 28.9 43.3



#8
2-Chlorophenol
Concen: 43.106 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:128 Resp: 440412
Ion Ratio Lower Upper
128 100
130 30.3 10.3 50.3
64 44.2 30.0 70.0





#9

Benzaldehyde

Concen: 6.689 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

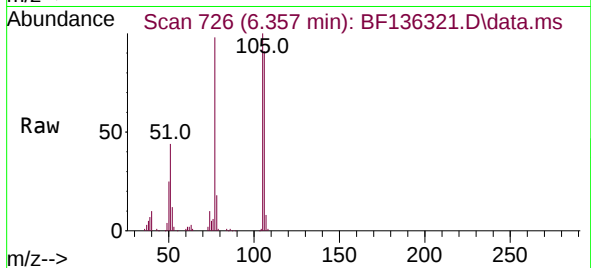
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Instrument :

BNA_F

ClientSampleId :



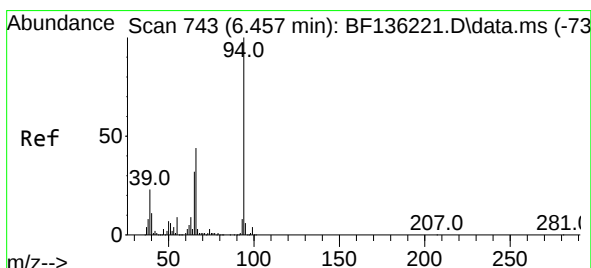
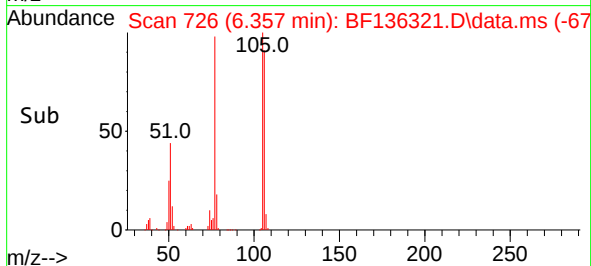
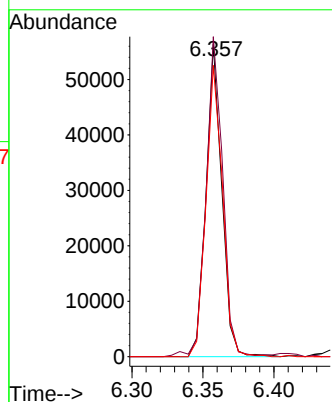
Tgt Ion: 77 Resp: 43742

Ion Ratio Lower Upper

77 100

105 102.4 84.3 124.3

106 93.2 71.0 111.0



#10

Phenol

Concen: 41.962 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

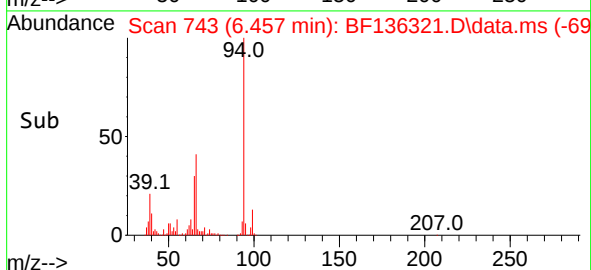
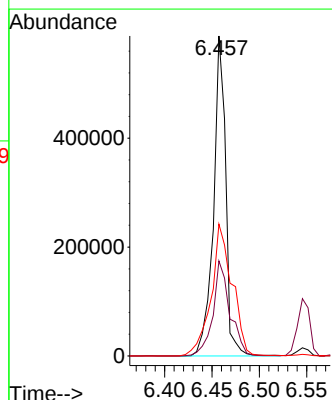
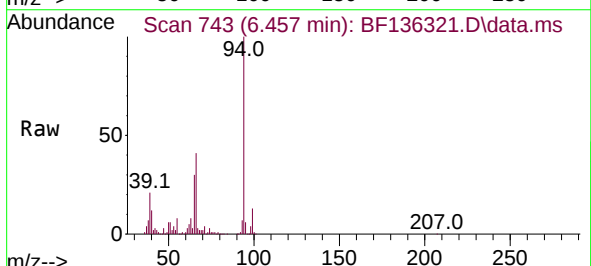
Tgt Ion: 94 Resp: 528180

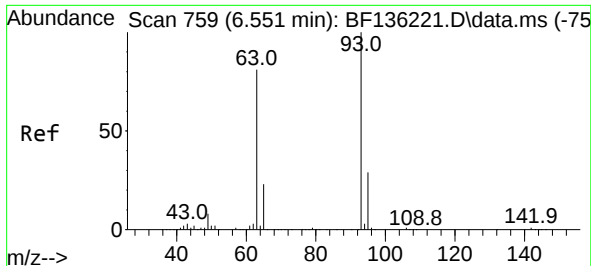
Ion Ratio Lower Upper

94 100

65 29.7 12.5 52.5

66 41.2 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 43.133 ng

RT: 6.545 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

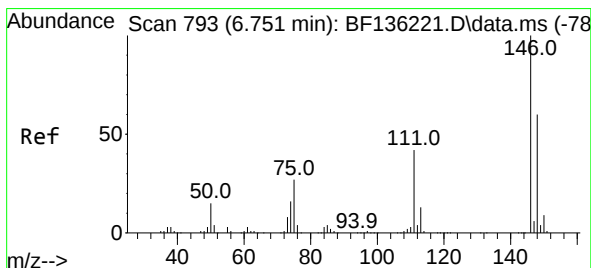
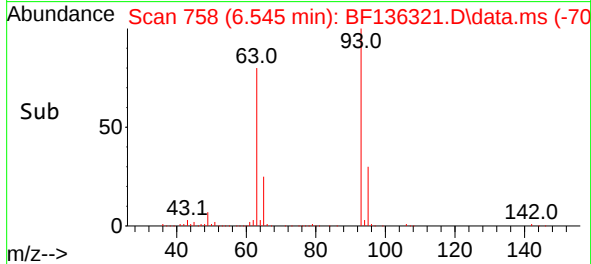
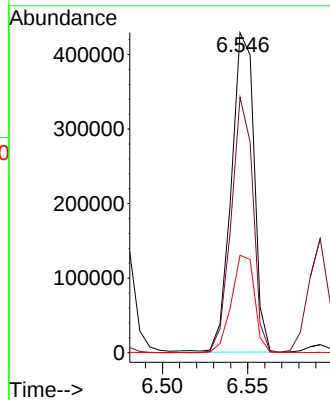
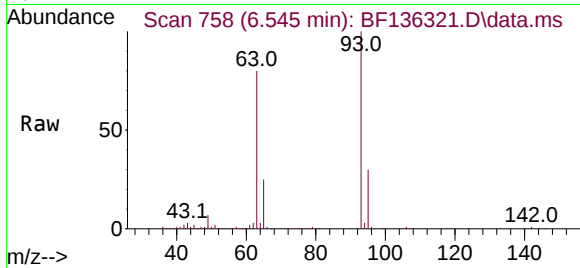
Tgt Ion: 93 Resp: 398291

Ion Ratio Lower Upper

93 100

63 79.8 60.2 100.2

95 30.4 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 39.802 ng

RT: 6.745 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

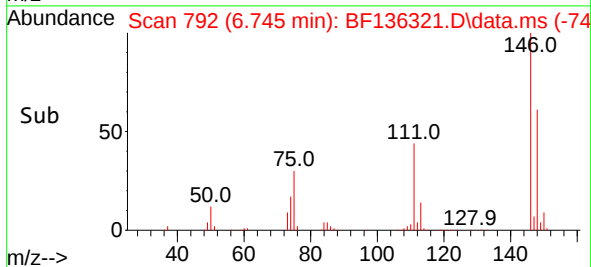
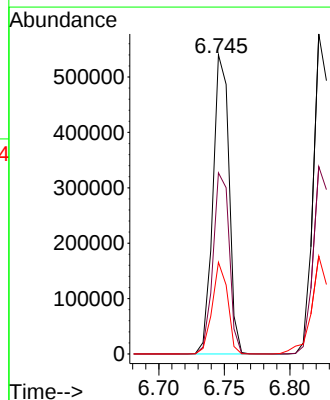
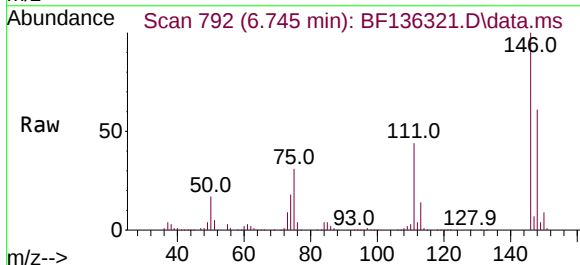
Tgt Ion: 146 Resp: 461496

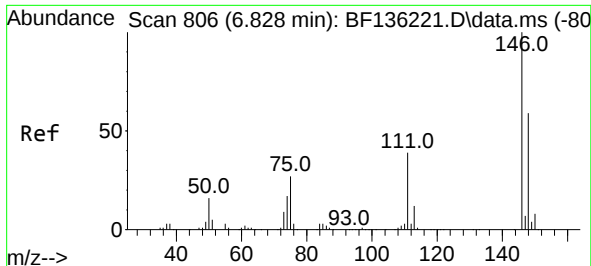
Ion Ratio Lower Upper

146 100

148 60.6 47.8 71.6

75 30.6 22.0 33.0

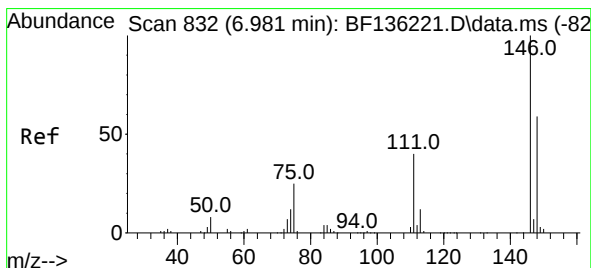
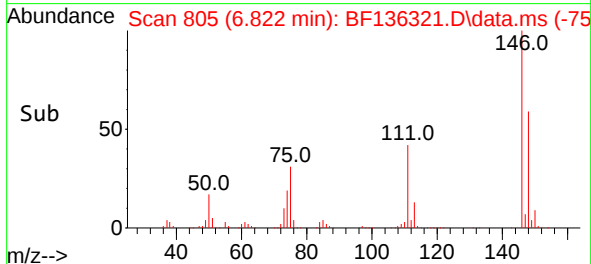
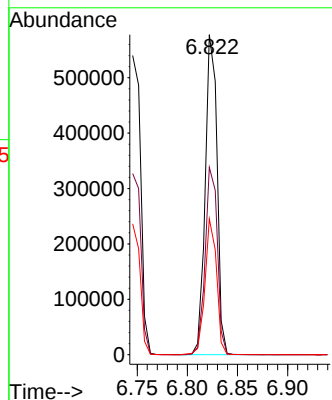
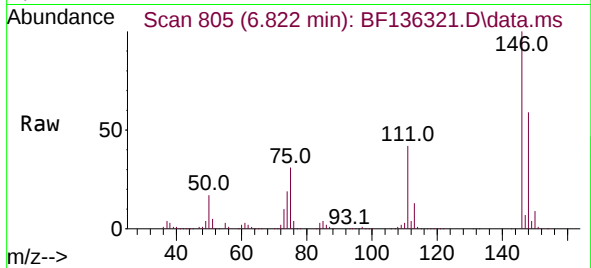




#13
1,4-Dichlorobenzene
Concen: 40.475 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

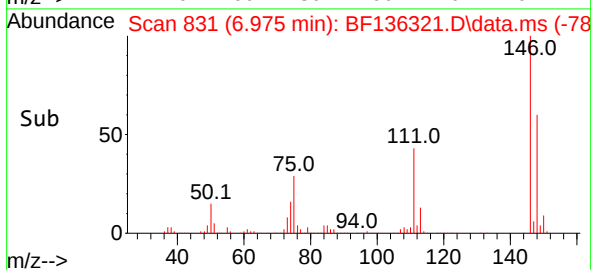
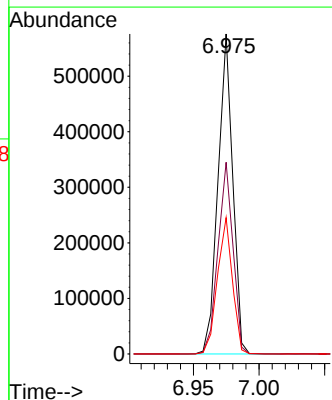
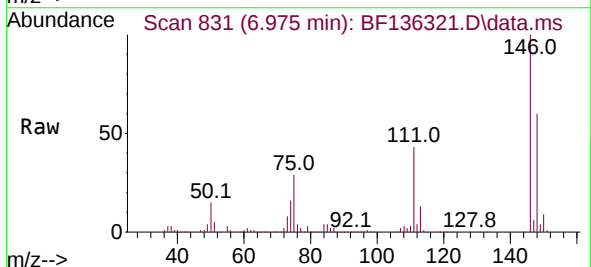
Instrument :
BNA_F
ClientSampleId :

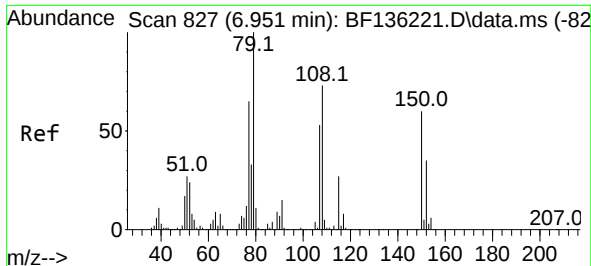
Tgt Ion:146 Resp: 477073
Ion Ratio Lower Upper
146 100
148 58.6 47.0 70.6
111 42.5 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 40.327 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:146 Resp: 450004
Ion Ratio Lower Upper
146 100
148 59.9 47.3 70.9
111 42.6 32.4 48.6

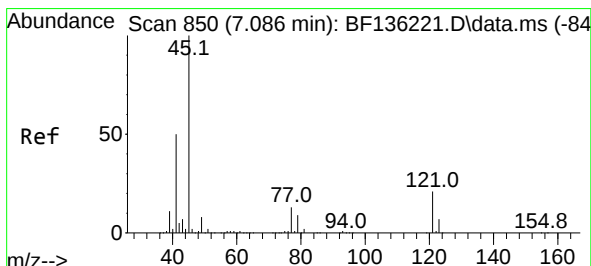
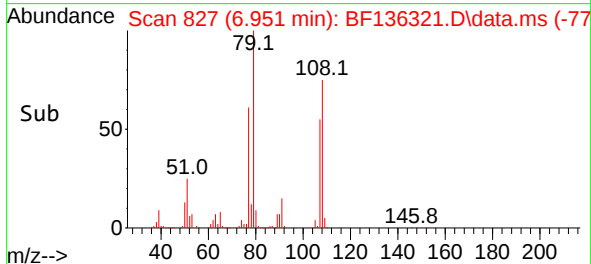
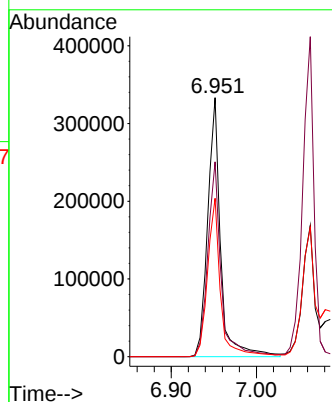
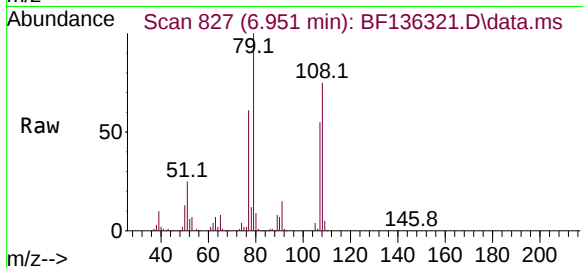




#15
Benzyl Alcohol
Concen: 42.580 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

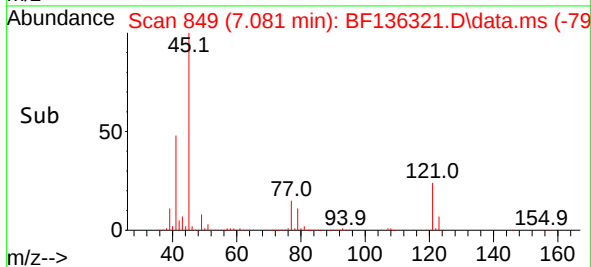
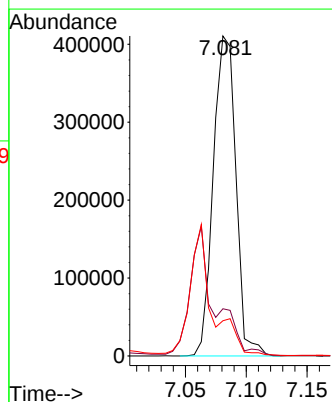
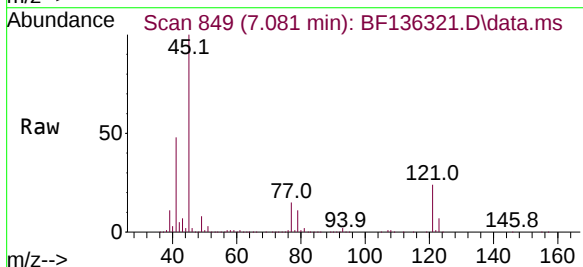
Instrument :
BNA_F
ClientSampleId :

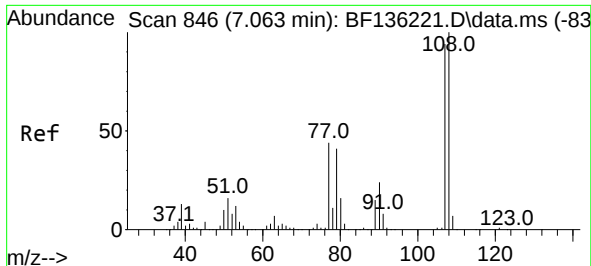
Tgt Ion: 79 Resp: 350266
Ion Ratio Lower Upper
79 100
108 75.2 58.1 87.1
77 61.1 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.379 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

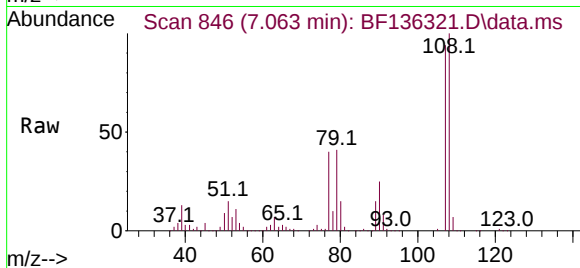
Tgt Ion: 45 Resp: 530744
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.0
79 11.0 0.0 30.1



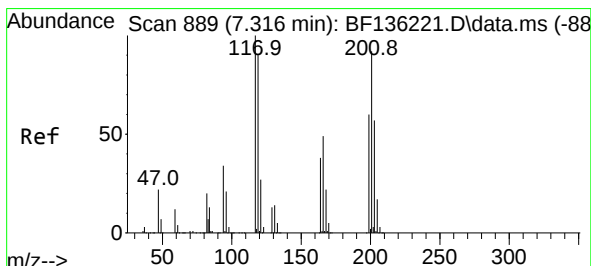
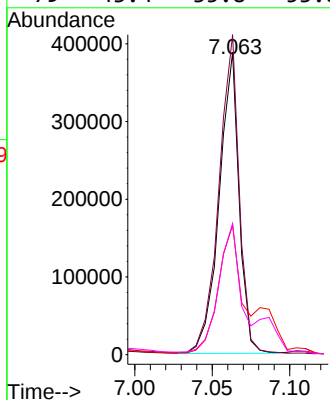
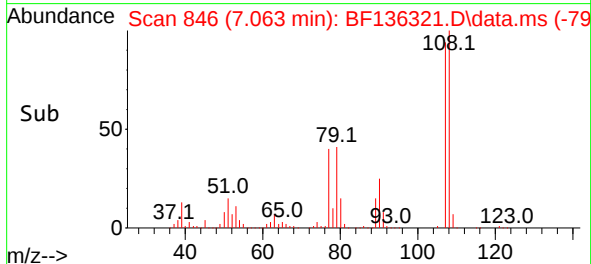


#17
2-Methylphenol
Concen: 42.983 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Instrument :
BNA_F
ClientSampleId :

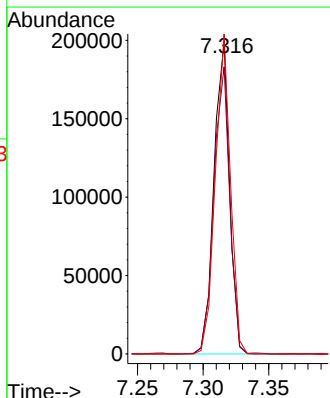
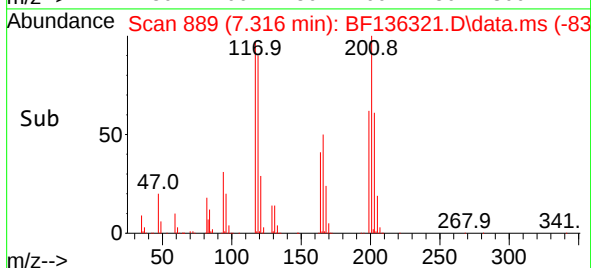
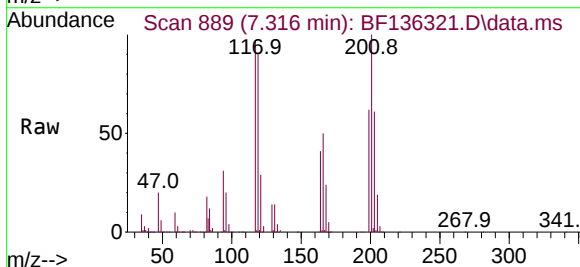


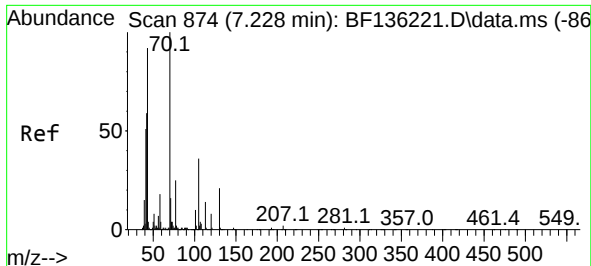
Tgt Ion:	107	Resp:	345253
Ion	Ratio	Lower	Upper
107	100		
108	105.8	85.4	128.0
77	42.8	37.4	56.2
79	43.4	35.8	53.8



#18
Hexachloroethane
Concen: 39.554 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:	117	Resp:	163533
Ion	Ratio	Lower	Upper
117	100		
119	92.1	71.6	107.4
201	102.6	73.4	110.2

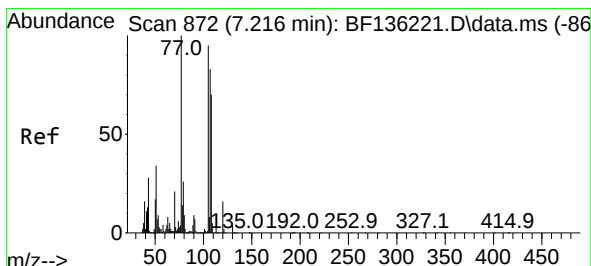
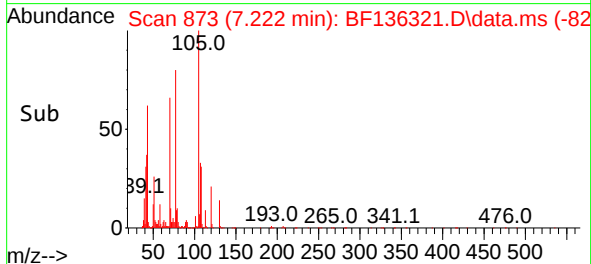
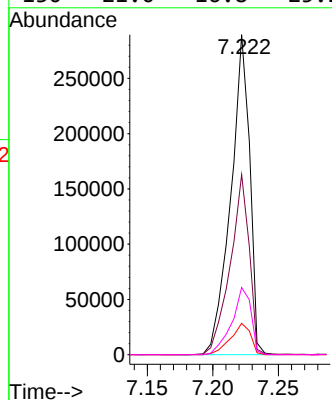
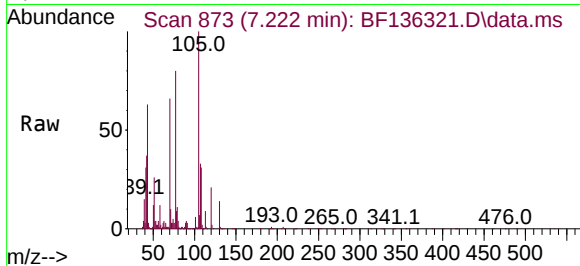




#19
n-Nitroso-di-n-propylamine
Concen: 41.437 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

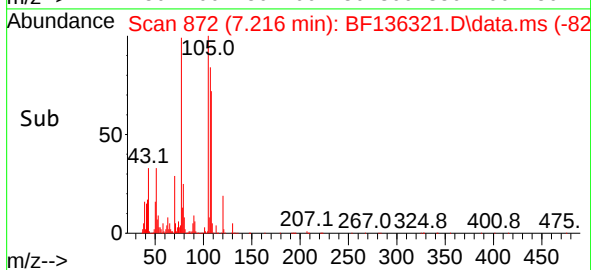
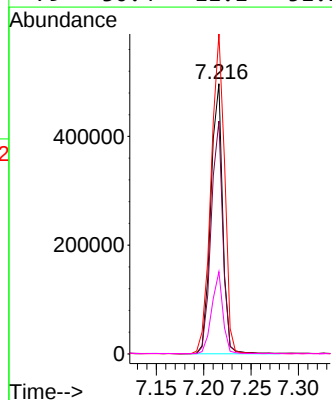
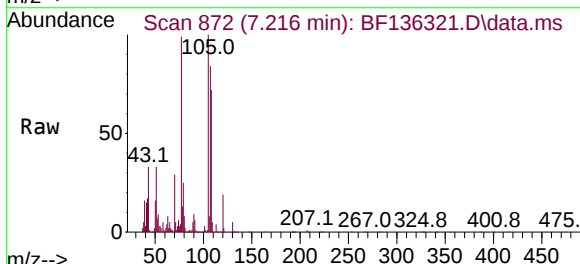
Instrument :
BNA_F
ClientSampleId :

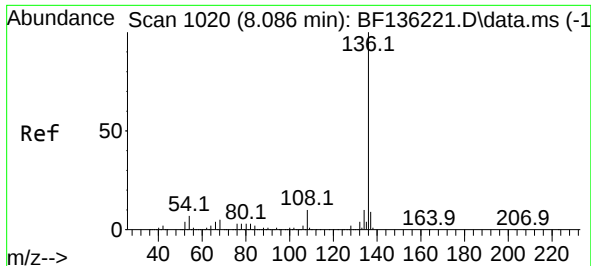
Tgt Ion: 70 Resp: 290773
Ion Ratio Lower Upper
70 100
42 56.3 47.0 70.4
101 9.8 7.8 11.8
130 21.0 16.8 25.2



#20
3+4-Methylphenols
Concen: 41.334 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

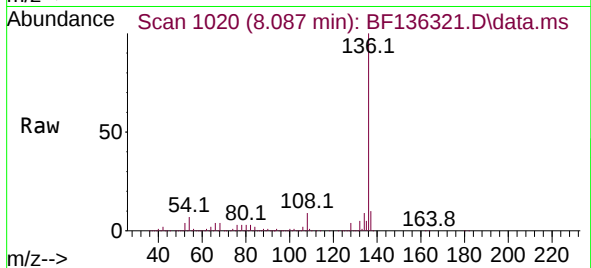
Tgt Ion: 107 Resp: 431499
Ion Ratio Lower Upper
107 100
108 86.2 63.9 103.9
77 118.4 100.2 140.2
79 30.4 11.1 51.1



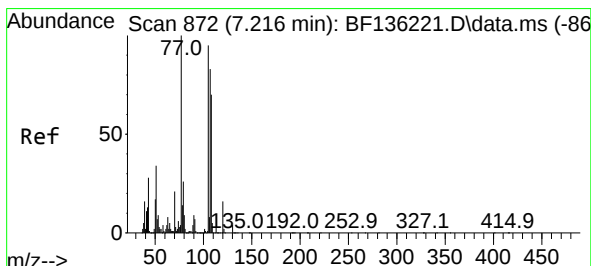
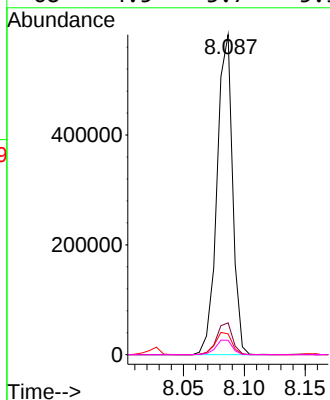
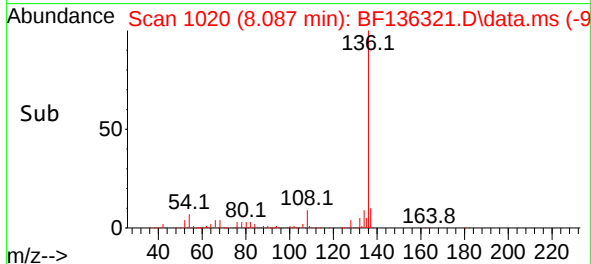


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

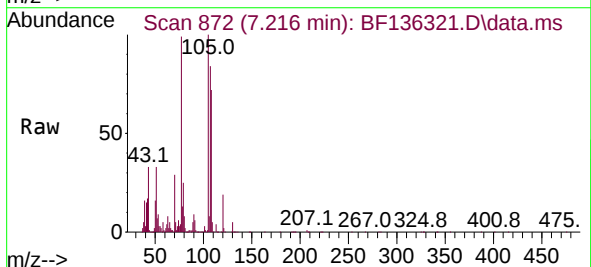
Instrument :
BNA_F
ClientSampleId :



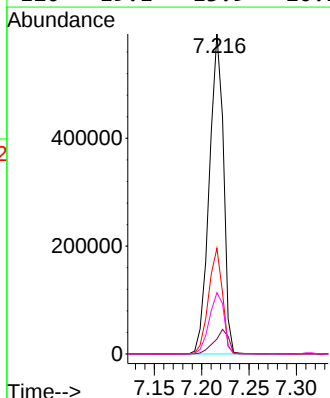
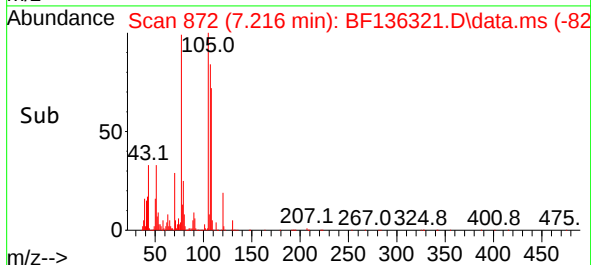
Tgt Ion:136 Resp: 518196
Ion Ratio Lower Upper
136 100
137 10.0 7.4 11.2
54 6.5 5.5 8.3
68 4.5 3.7 5.5

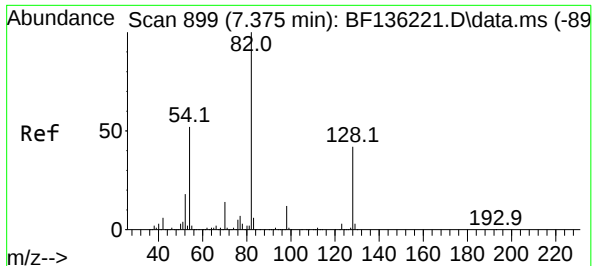


#22
Acetophenone
Concen: 45.263 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09



Tgt Ion:105 Resp: 616003
Ion Ratio Lower Upper
105 100
71 4.7 2.8 4.2#
51 33.1 29.0 43.6
120 19.1 13.9 20.9





#23

Nitrobenzene-d5

Concen: 64.153 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

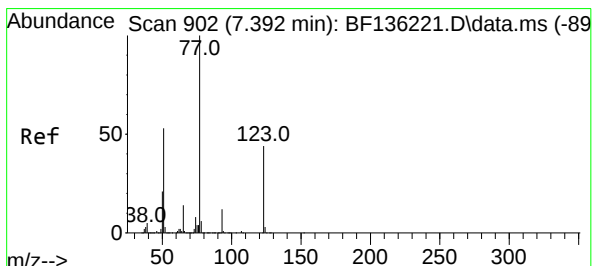
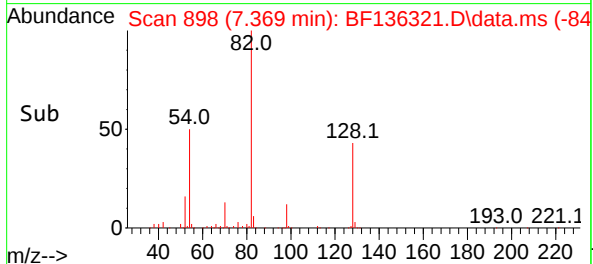
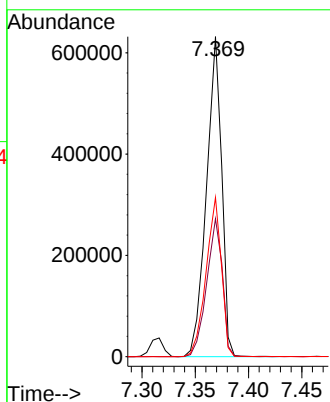
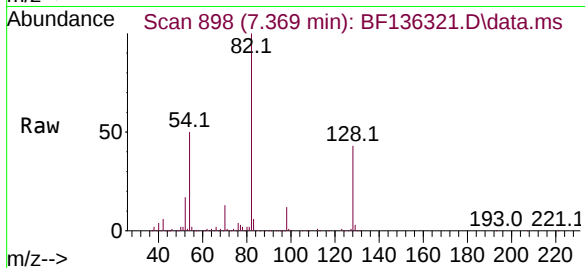
Tgt Ion: 82 Resp: 629101

Ion Ratio Lower Upper

82 100

128 43.1 33.4 50.2

54 49.7 41.7 62.5



#24

Nitrobenzene

Concen: 43.113 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

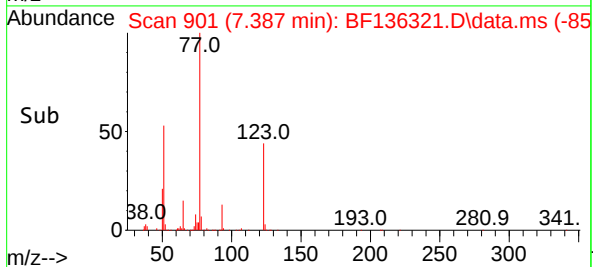
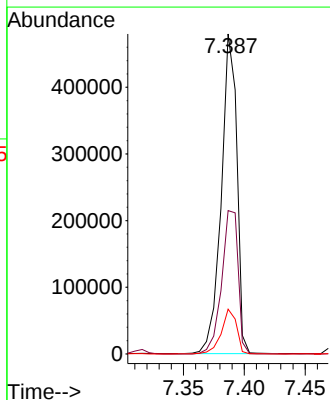
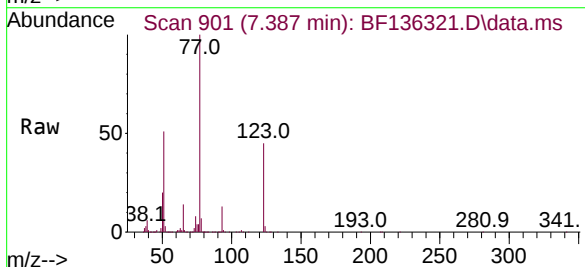
Tgt Ion: 77 Resp: 428441

Ion Ratio Lower Upper

77 100

123 44.8 35.4 53.2

65 14.0 11.0 16.6

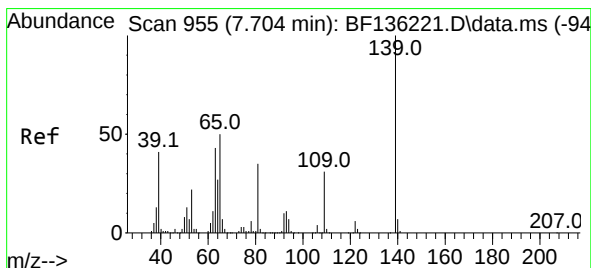
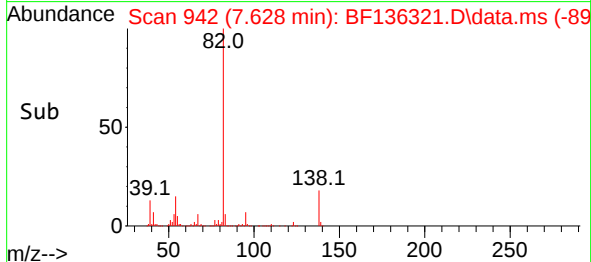
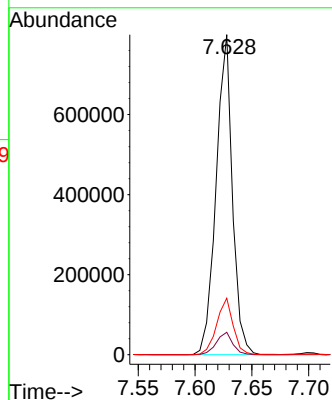
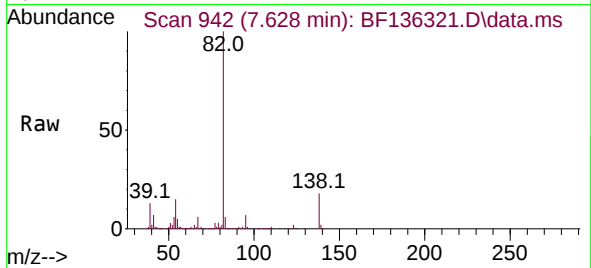




#25
Isophorone
Concen: 45.059 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

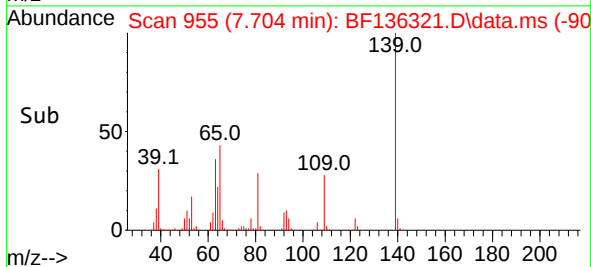
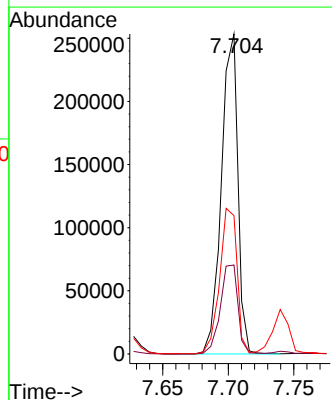
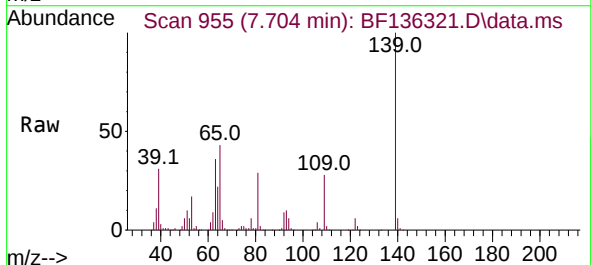
Instrument :
BNA_F
ClientSampleId :

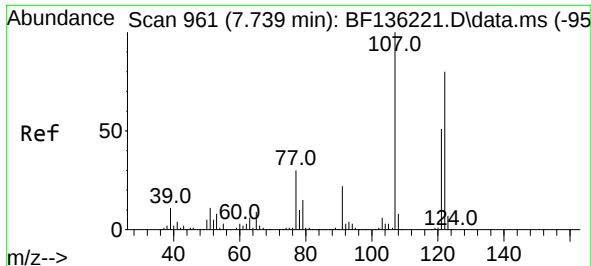
Tgt Ion: 82 Resp: 796740
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.6 12.8 19.2



#26
2-Nitrophenol
Concen: 52.232 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:139 Resp: 221159
Ion Ratio Lower Upper
139 100
109 27.8 25.0 37.6
65 43.3 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 57.386 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

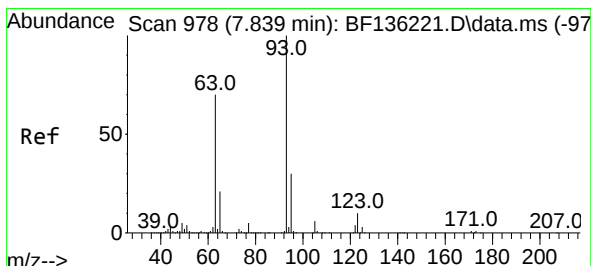
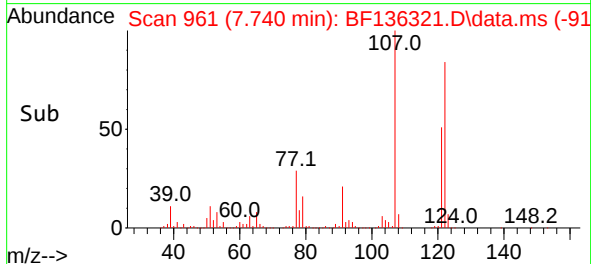
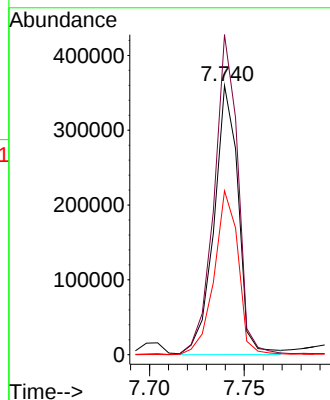
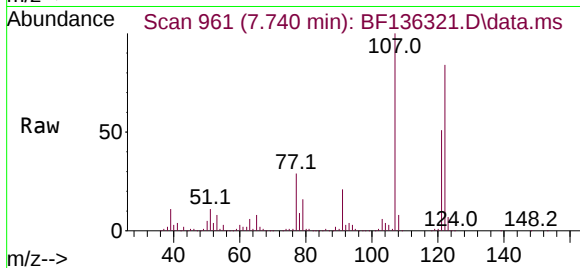
Tgt Ion:122 Resp: 319813

Ion Ratio Lower Upper

122 100

107 118.9 100.0 150.0

121 60.9 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 46.100 ng

RT: 7.840 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

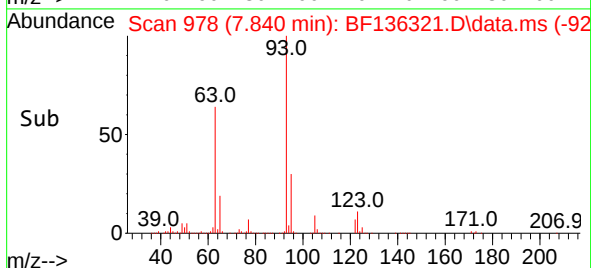
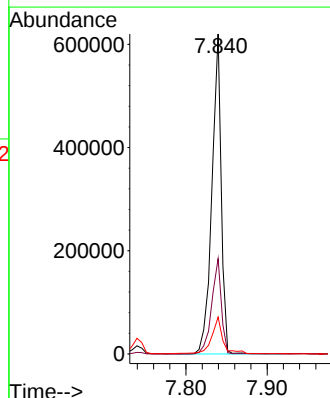
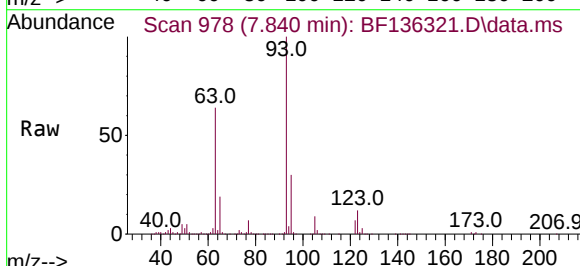
Tgt Ion: 93 Resp: 493060

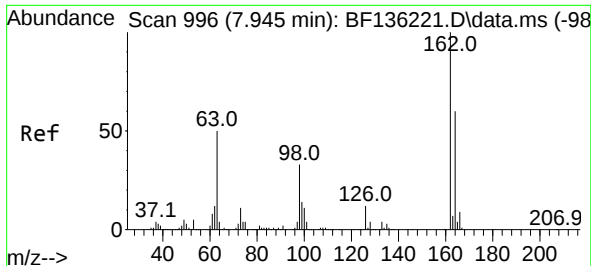
Ion Ratio Lower Upper

93 100

95 29.8 23.8 35.6

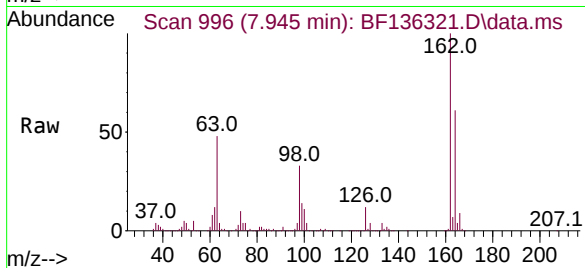
123 11.5 8.2 12.4



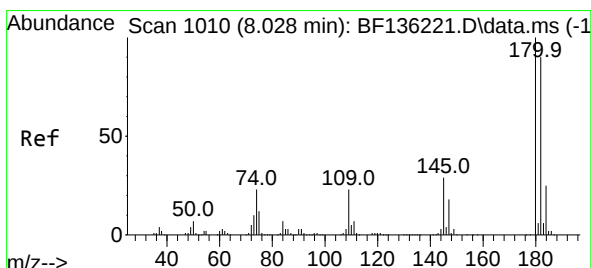
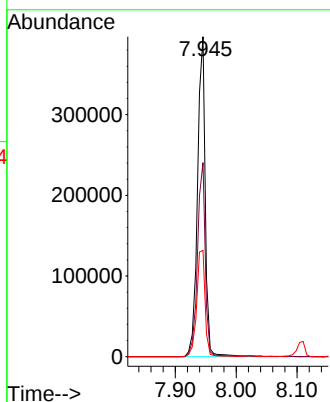
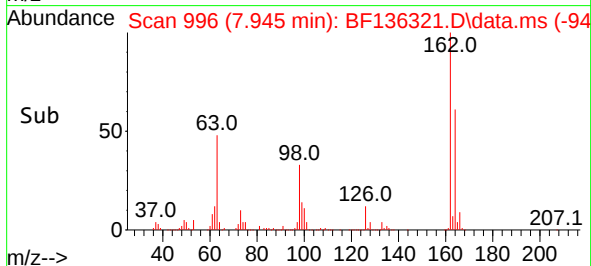


#29
2,4-Dichlorophenol
Concen: 46.875 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

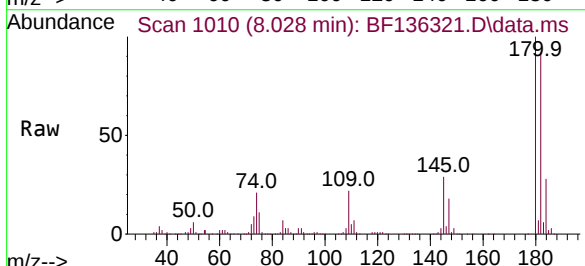
Instrument :
BNA_F
ClientSampleId :



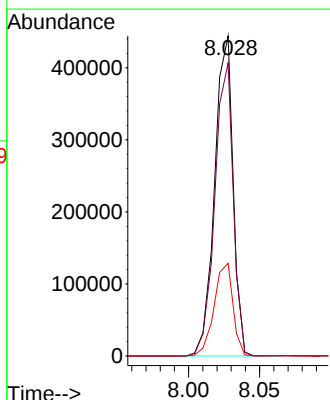
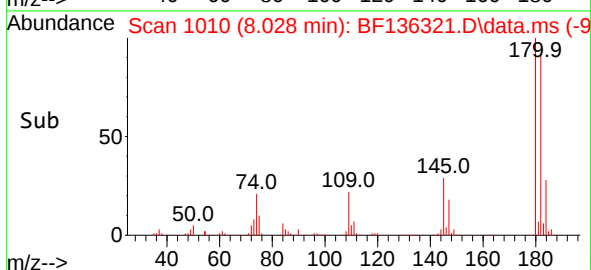
Tgt Ion:162 Resp: 352358
Ion Ratio Lower Upper
162 100
164 60.6 40.3 80.3
98 33.2 13.0 53.0

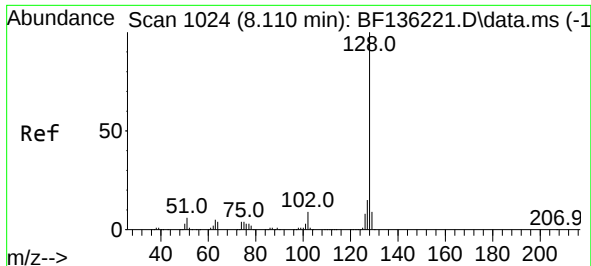


#30
1,2,4-Trichlorobenzene
Concen: 43.529 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09



Tgt Ion:180 Resp: 400605
Ion Ratio Lower Upper
180 100
182 91.6 71.6 107.4
145 29.0 23.0 34.4

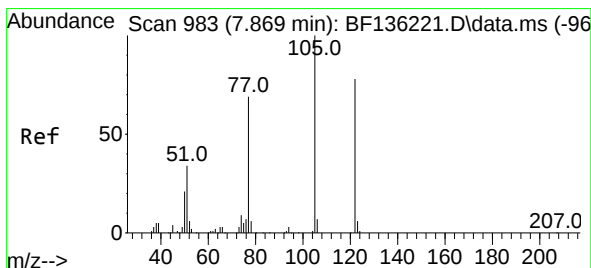
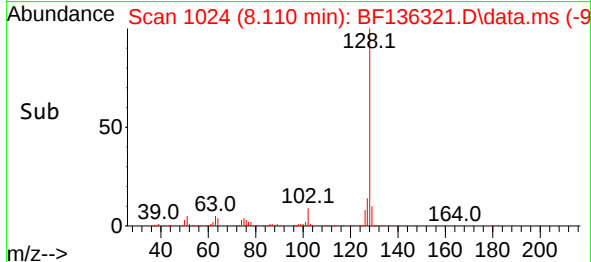
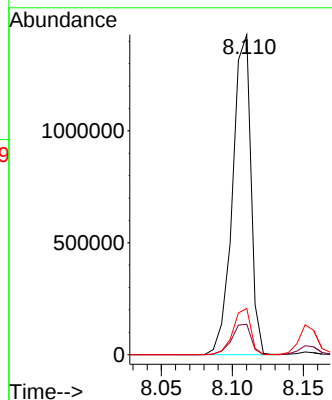
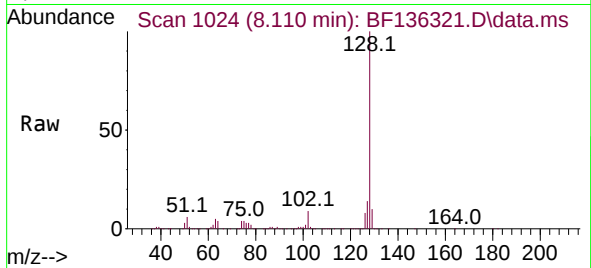




#31
Naphthalene
Concen: 44.074 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

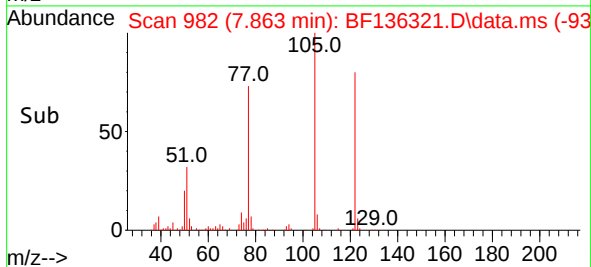
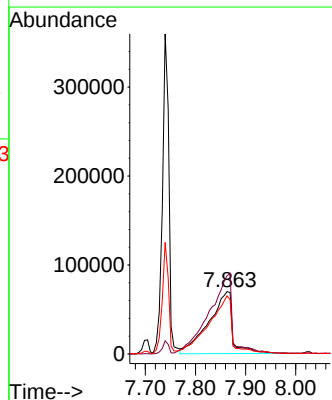
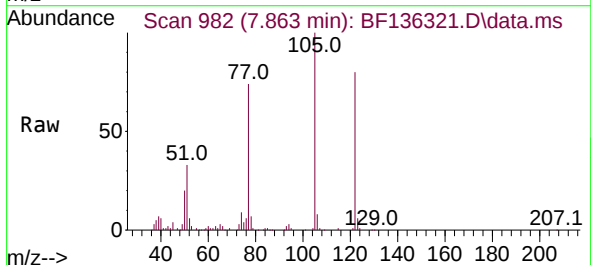
Instrument :
BNA_F
ClientSampleId :

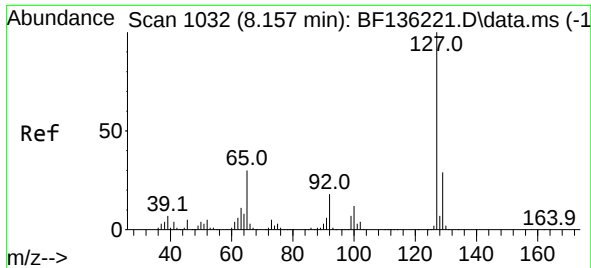
Tgt Ion:128 Resp: 1283720
Ion Ratio Lower Upper
128 100
129 9.5 7.3 10.9
127 14.4 11.8 17.6



#32
Benzoic acid
Concen: 45.598 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:122 Resp: 231599
Ion Ratio Lower Upper
122 100
105 125.3 103.7 143.7
77 93.0 66.8 106.8

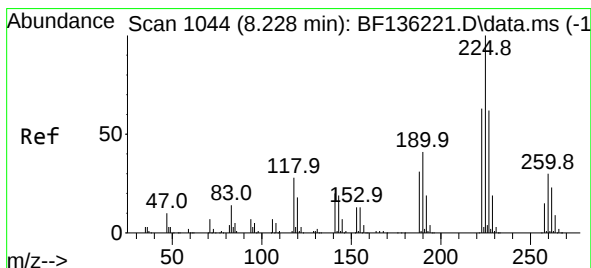
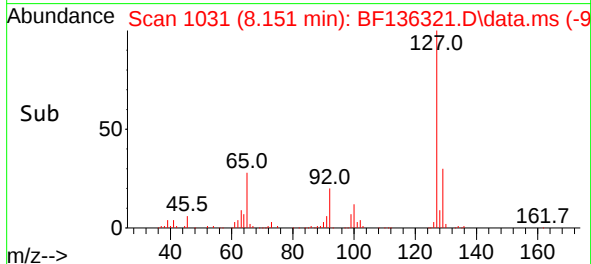
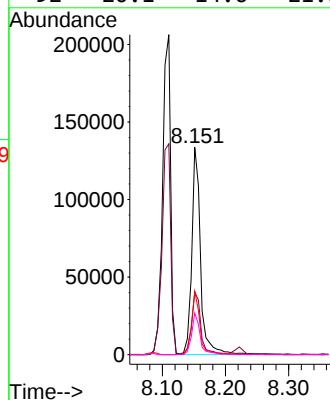
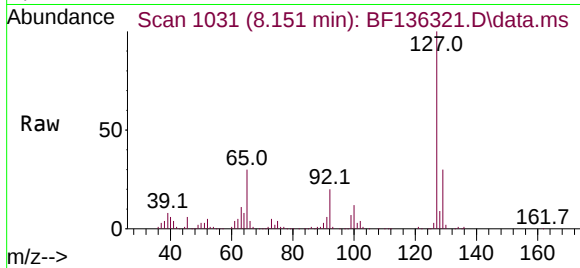




#33
4-Chloroaniline
Concen: 13.146 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

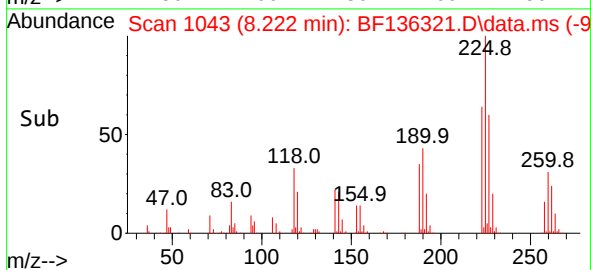
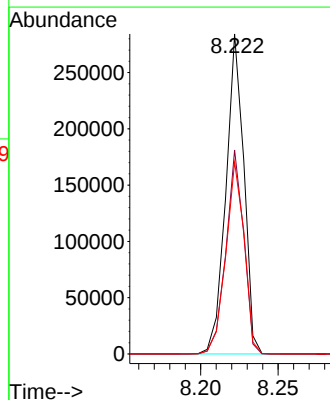
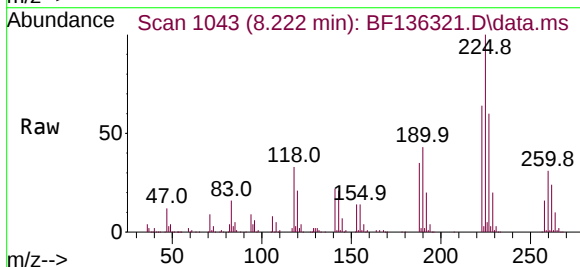
Instrument :
BNA_F
ClientSampleId :

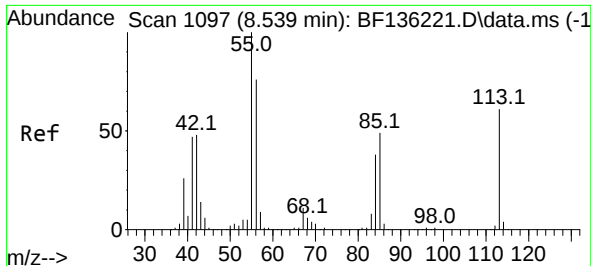
Tgt Ion:127	Resp: 130151
Ion Ratio	Lower Upper
127 100	
129 30.2	23.4 35.2
65 30.5	23.8 35.6
92 20.1	14.6 21.8



#34
Hexachlorobutadiene
Concen: 42.469 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt	Ion:225	Resp:	228663
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	59.9	49.6	74.4

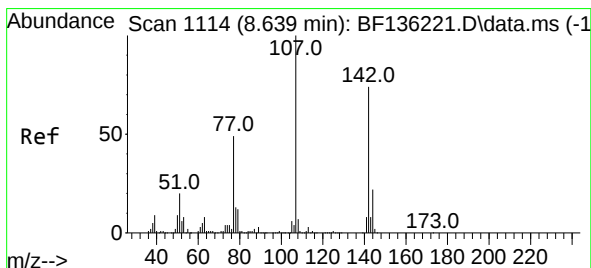
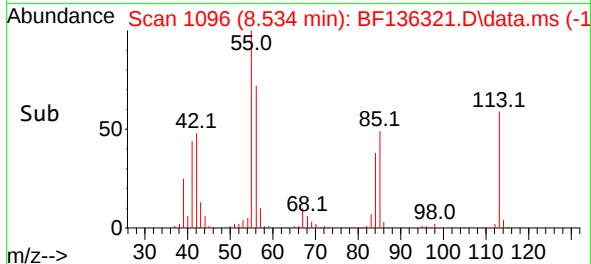
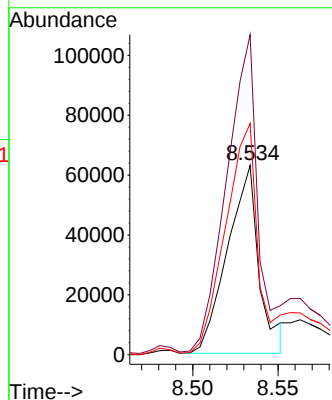
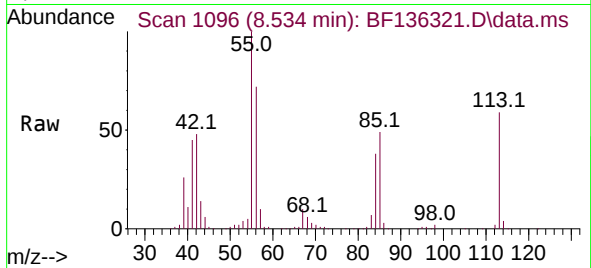




#35
 Caprolactam
 Concen: 38.559 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF136321.D
 Acq: 30 Nov 2023 19:09

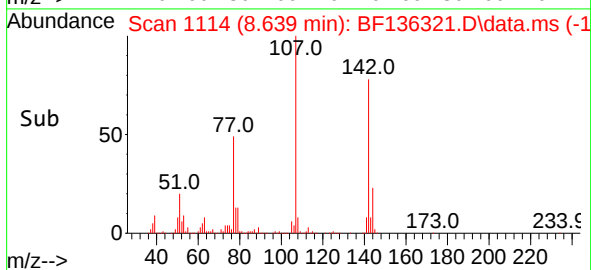
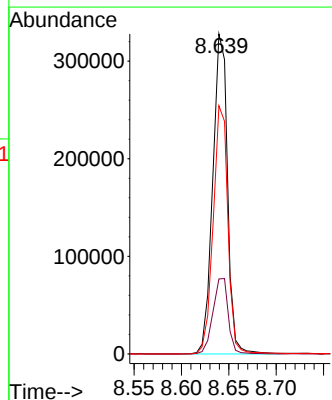
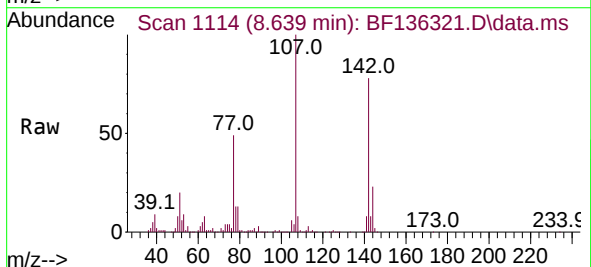
Instrument :
 BNA_F
 ClientSampleId :

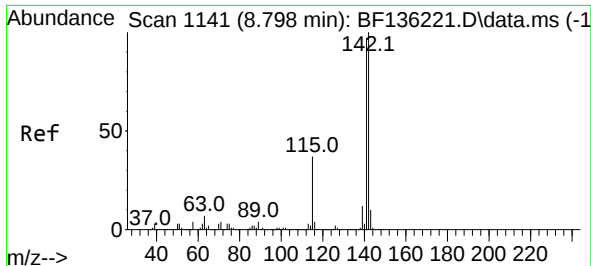
Tgt Ion:113 Resp: 81028
 Ion Ratio Lower Upper
 113 100
 55 169.0 143.1 183.1
 56 122.2 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.485 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136321.D
 Acq: 30 Nov 2023 19:09

Tgt Ion:107 Resp: 354524
 Ion Ratio Lower Upper
 107 100
 144 23.5 17.8 26.8
 142 77.6 59.4 89.0





#37

2-Methylnaphthalene

Concen: 42.881 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

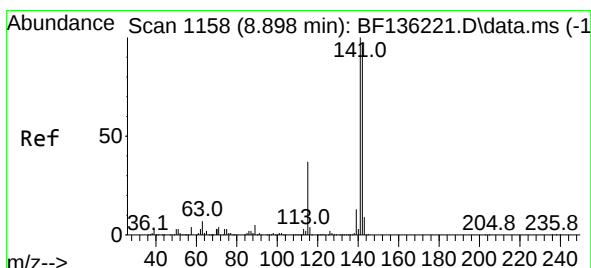
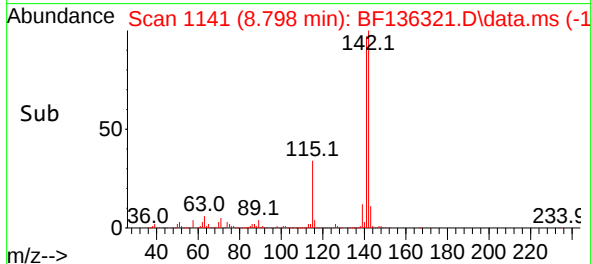
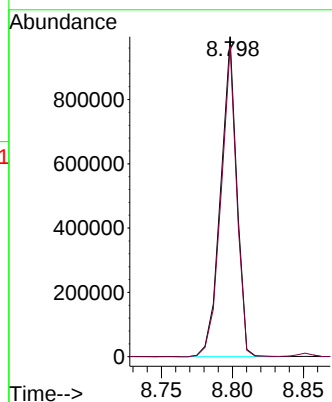
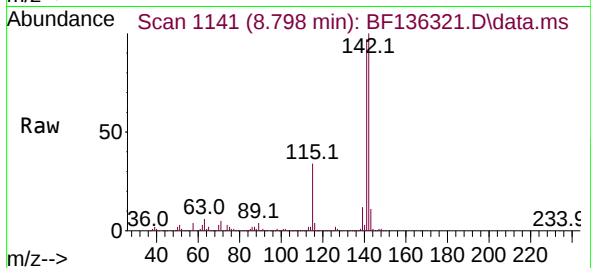
ClientSampleId :

Tgt Ion:142 Resp: 783477

Ion Ratio Lower Upper

142 100

141 97.0 77.8 116.8



#38

1-Methylnaphthalene

Concen: 41.979 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136321.D

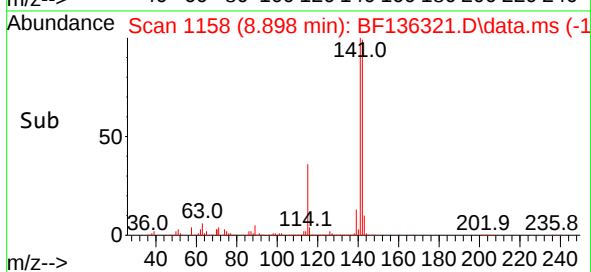
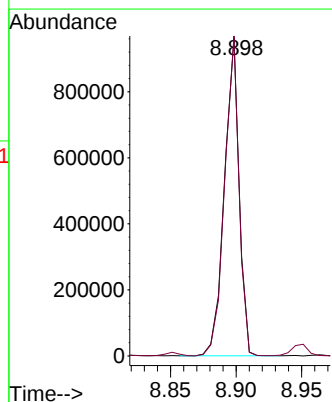
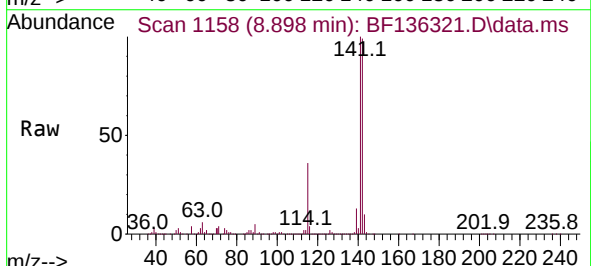
Acq: 30 Nov 2023 19:09

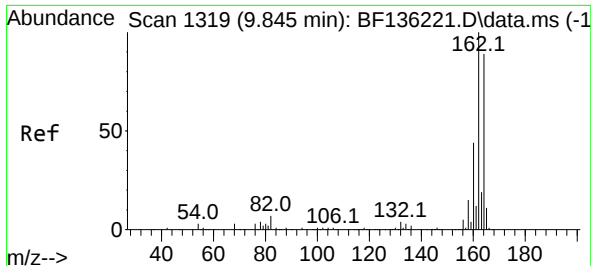
Tgt Ion:142 Resp: 748223

Ion Ratio Lower Upper

142 100

141 100.7 83.8 125.6

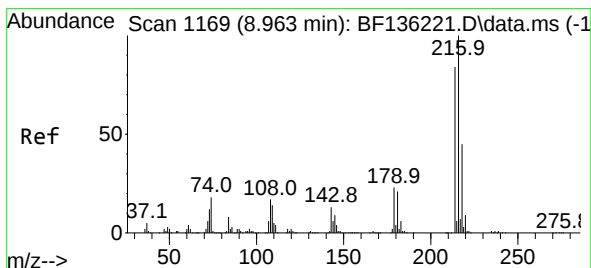
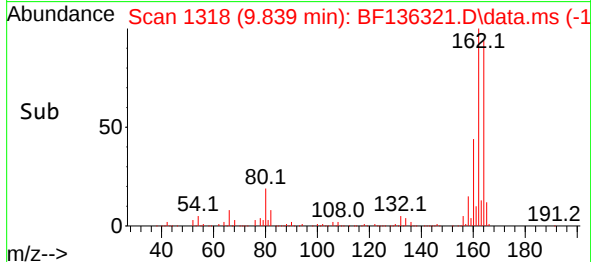
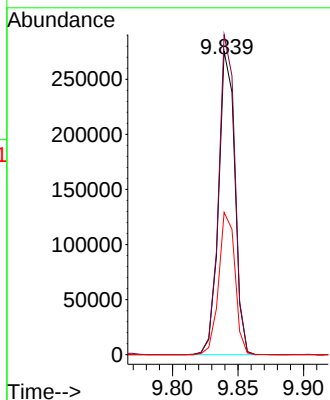
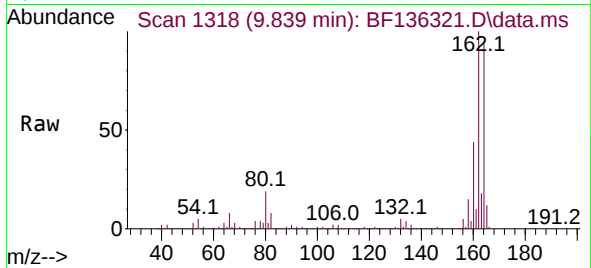




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

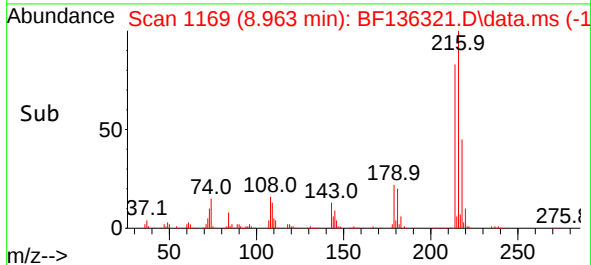
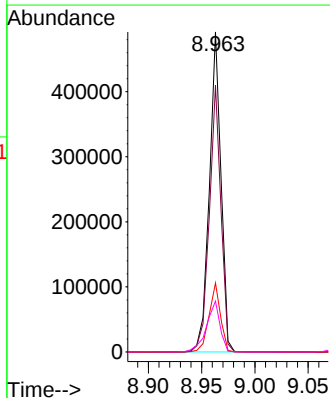
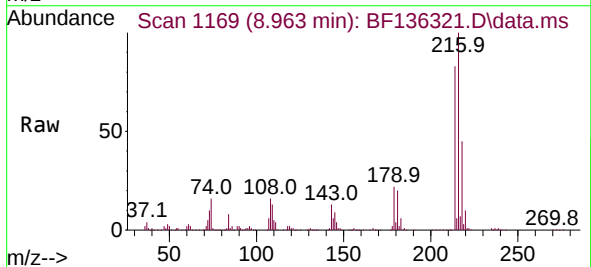
Instrument :
BNA_F
ClientSampleId :

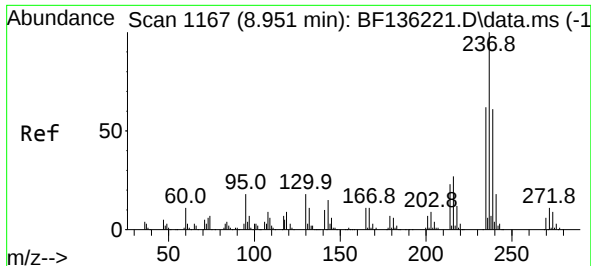
Tgt Ion:164 Resp: 236252
Ion Ratio Lower Upper
164 100
162 105.5 89.5 134.3
160 46.9 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.818 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

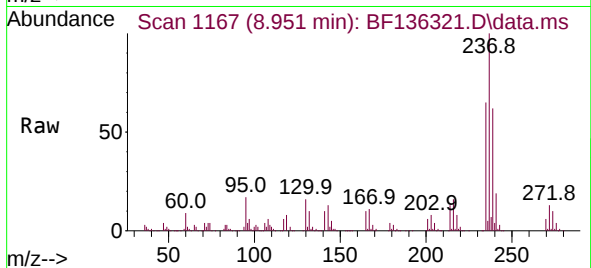
Tgt Ion:216 Resp: 374572
Ion Ratio Lower Upper
216 100
214 82.9 65.8 98.8
179 21.3 17.4 26.0
108 18.5 14.1 21.1



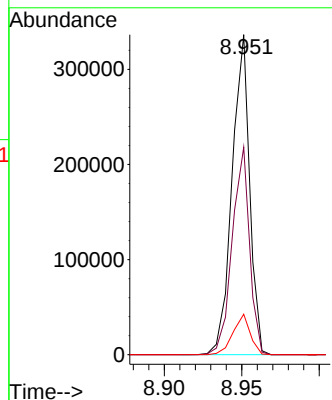
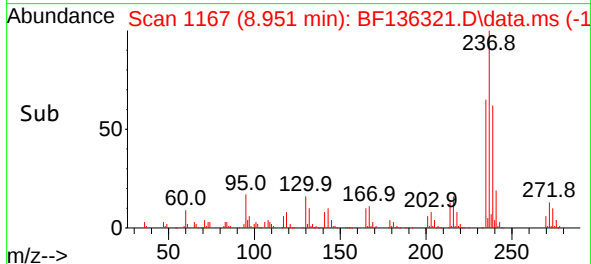


#41
Hexachlorocyclopentadiene
Concen: 91.605 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

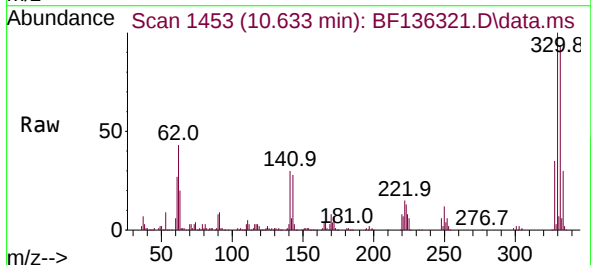
Instrument :
BNA_F
ClientSampleId :



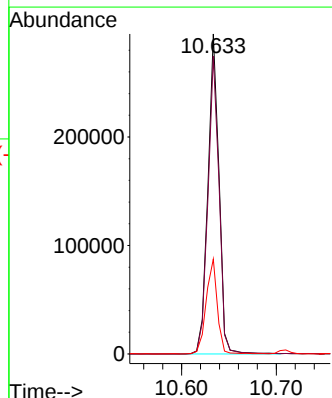
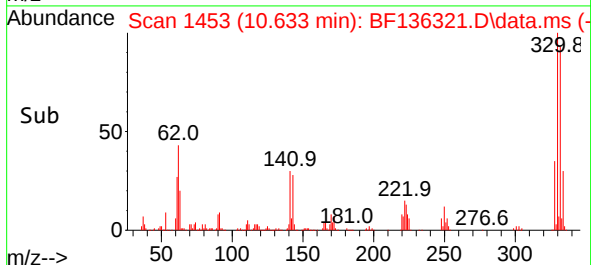
Tgt Ion:237 Resp: 265023
Ion Ratio Lower Upper
237 100
235 64.9 42.1 82.1
272 12.6 0.0 31.0

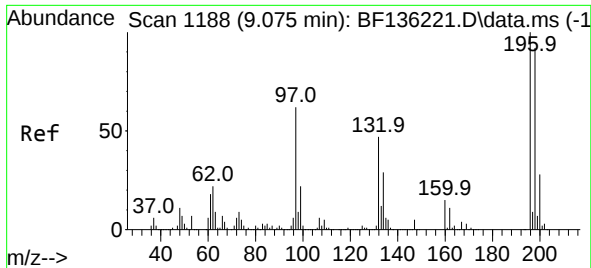


#42
2,4,6-Tribromophenol
Concen: 82.835 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09



Tgt Ion:330 Resp: 239258
Ion Ratio Lower Upper
330 100
332 93.9 73.0 109.6
141 30.1 24.2 36.2

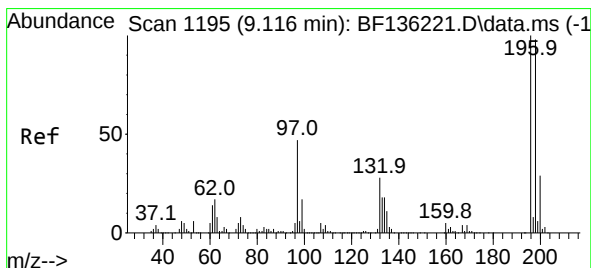
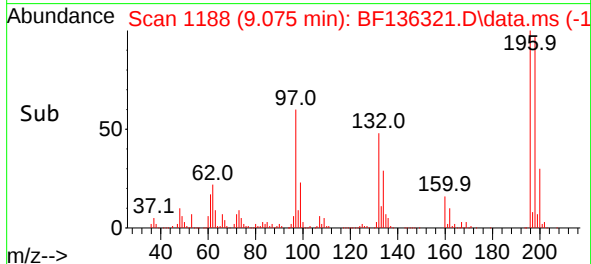
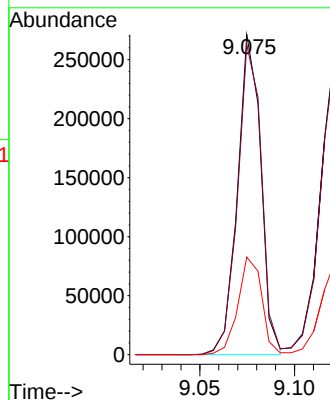
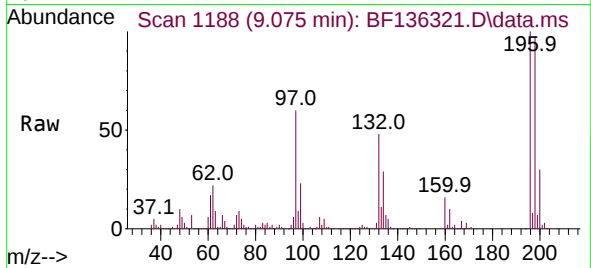




#43
2,4,6-Trichlorophenol
Concen: 47.428 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

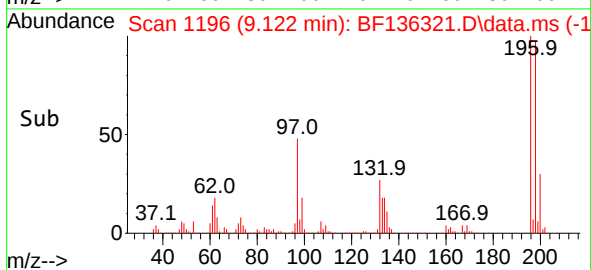
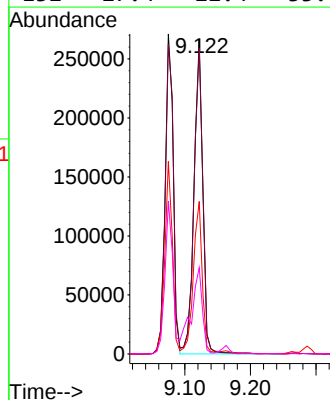
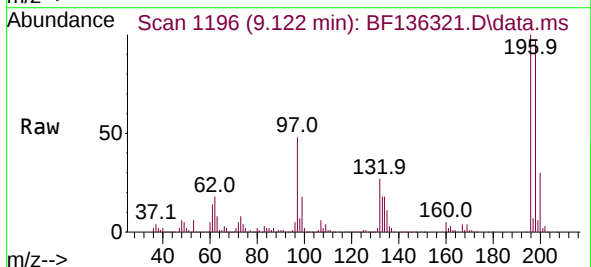
Instrument :
BNA_F
ClientSampleId :

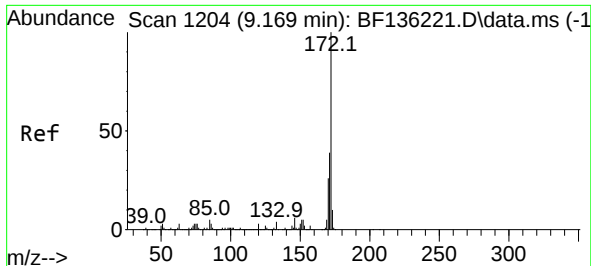
Tgt Ion:196 Resp: 231458
Ion Ratio Lower Upper
196 100
198 96.9 73.2 109.8
200 30.5 22.4 33.6



#44
2,4,5-Trichlorophenol
Concen: 46.596 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:196 Resp: 248154
Ion Ratio Lower Upper
196 100
198 97.2 78.8 118.2
97 48.5 37.8 56.8
132 27.4 22.4 33.6

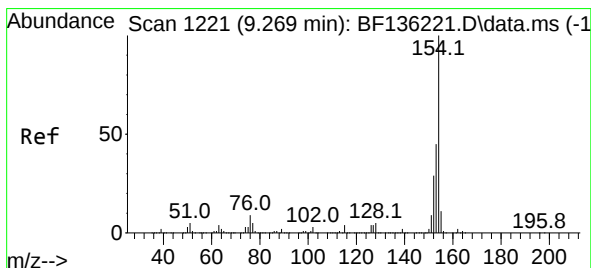
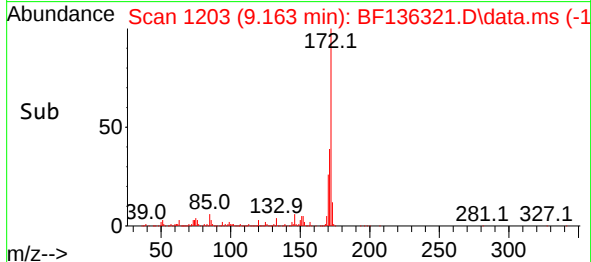
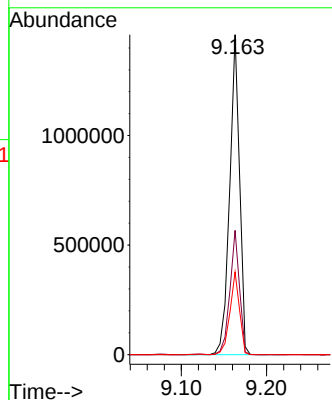
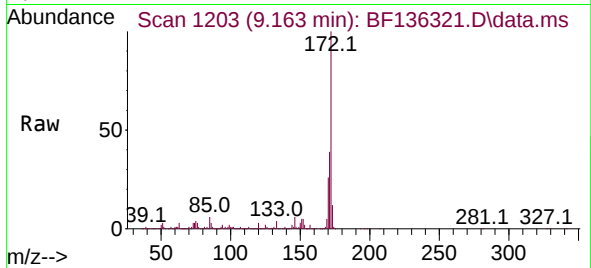




#45
2-Fluorobiphenyl
Concen: 63.881 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

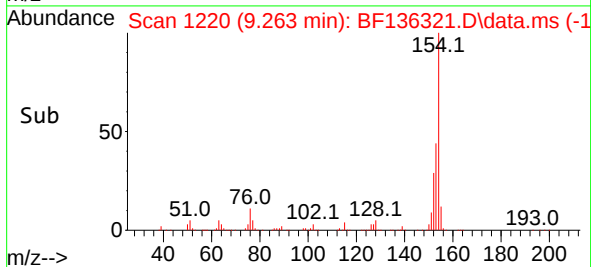
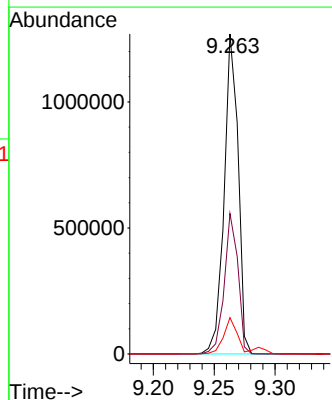
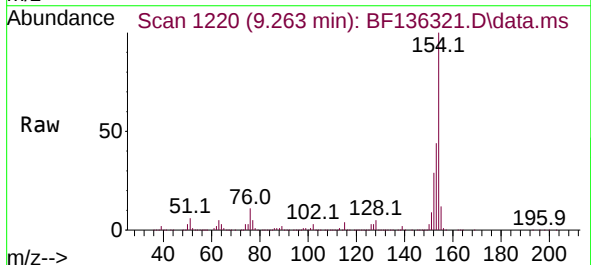
Instrument :
BNA_F
ClientSampleId :

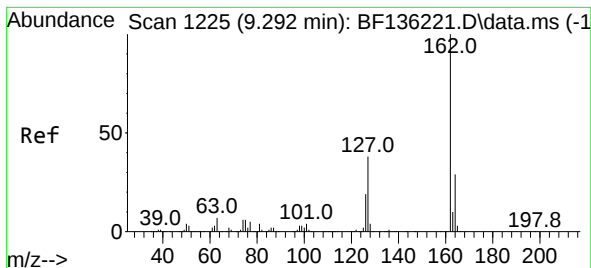
Tgt Ion:172 Resp: 1181549
Ion Ratio Lower Upper
172 100
171 38.8 31.5 47.3
170 25.9 20.8 31.2



#46
1,1'-Biphenyl
Concen: 48.757 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:154 Resp: 1015800
Ion Ratio Lower Upper
154 100
153 43.9 24.6 64.6
76 11.3 0.0 29.4





#47

2-Chloronaphthalene

Concen: 46.409 ng

RT: 9.287 min Scan# 1224

Delta R.T. -0.005 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

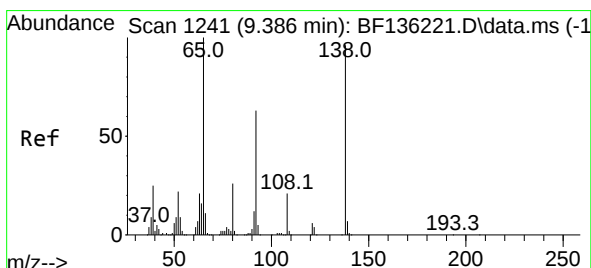
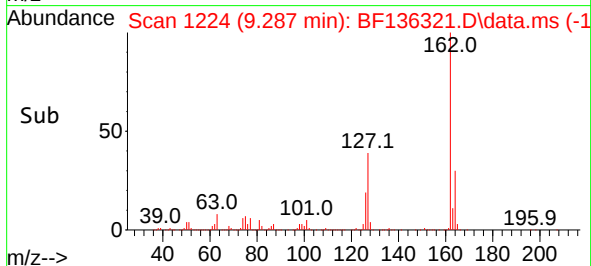
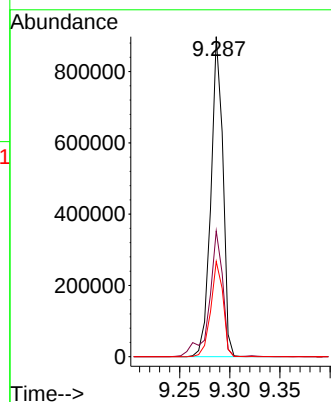
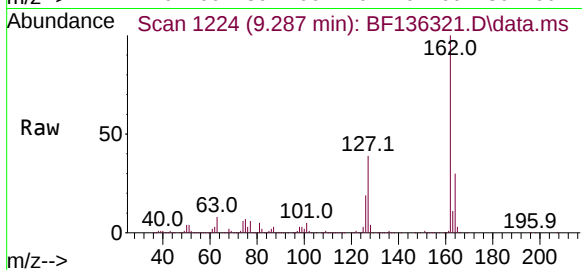
Tgt Ion:162 Resp: 750858

Ion Ratio Lower Upper

162 100

127 39.3 30.2 45.2

164 29.8 22.8 34.2



#48

2-Nitroaniline

Concen: 46.892 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

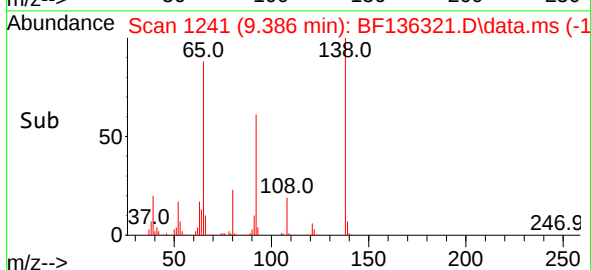
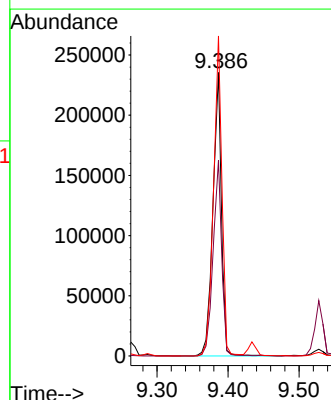
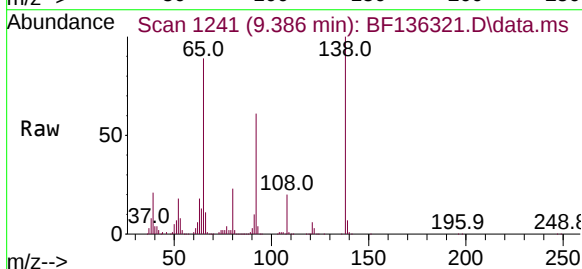
Tgt Ion: 65 Resp: 198078

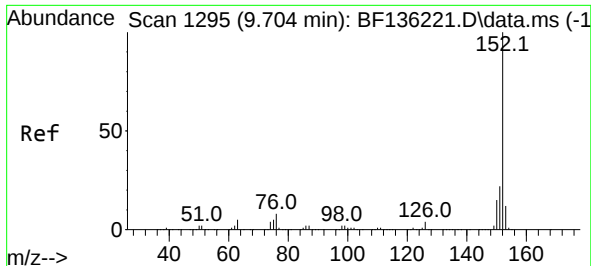
Ion Ratio Lower Upper

65 100

92 69.1 50.6 75.8

138 112.9 76.7 115.1





#49

Acenaphthylene

Concen: 49.698 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

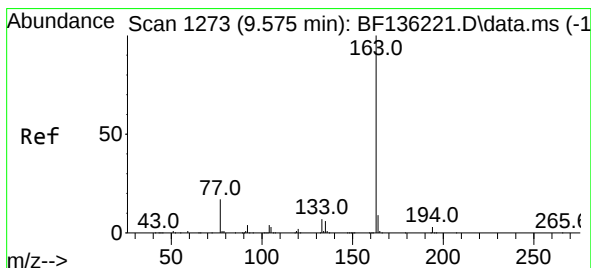
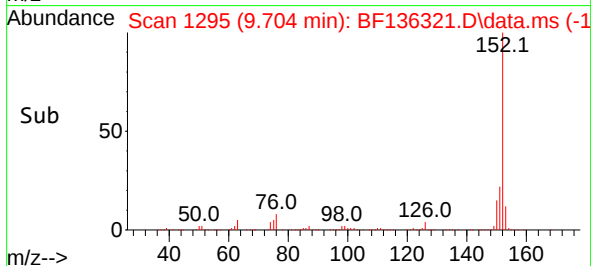
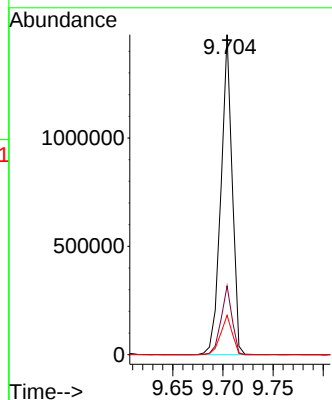
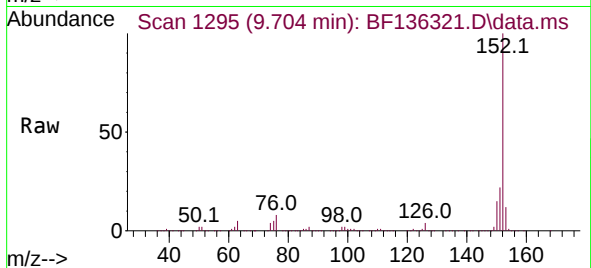
Tgt Ion:152 Resp: 1147484

Ion Ratio Lower Upper

152 100

151 21.5 17.5 26.3

153 12.3 9.6 14.4



#50

Dimethylphthalate

Concen: 48.934 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

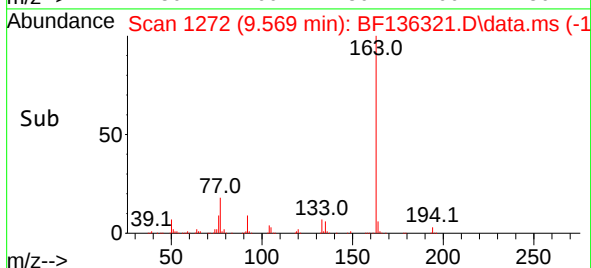
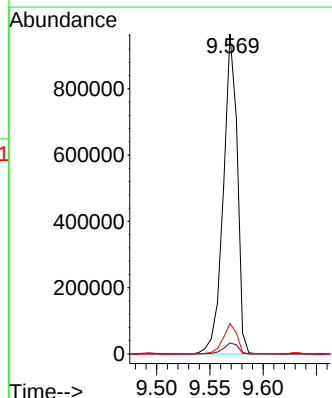
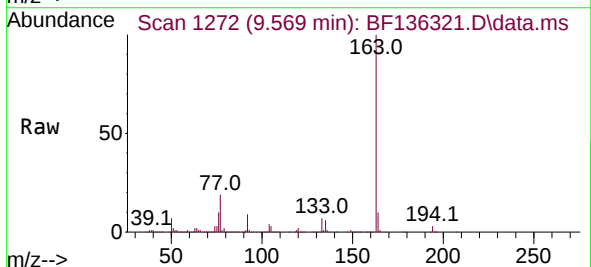
Tgt Ion:163 Resp: 873785

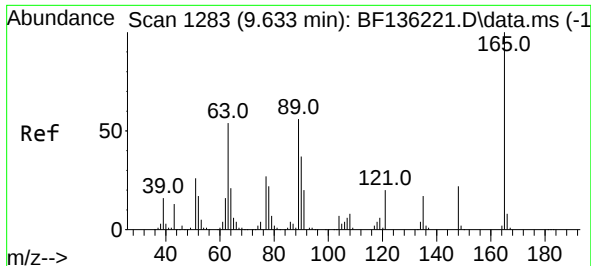
Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

164 9.5 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 48.154 ng

RT: 9.634 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

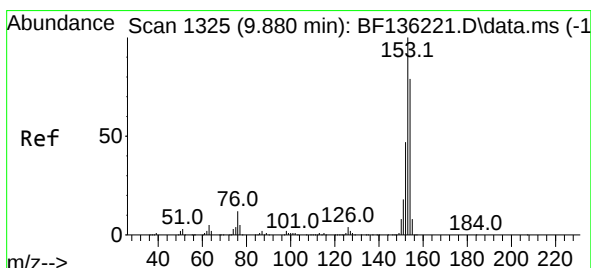
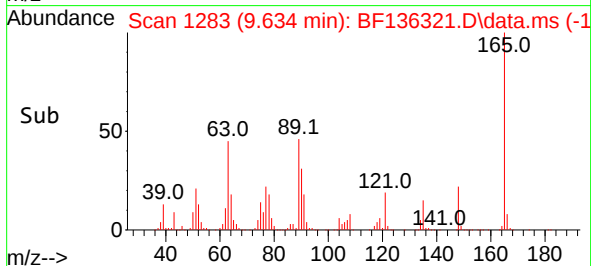
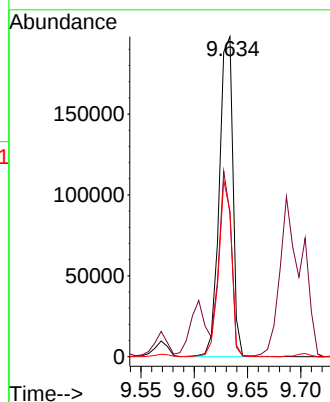
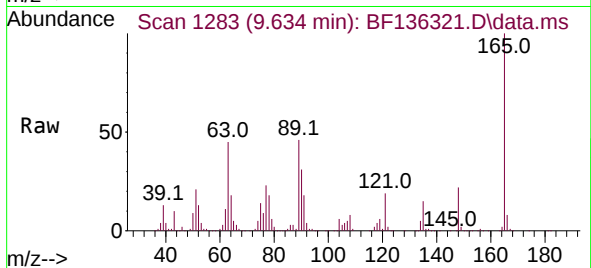
Tgt Ion:165 Resp: 175663

Ion Ratio Lower Upper

165 100

63 44.7 46.2 69.2#

89 45.6 44.9 67.3



#52

Acenaphthene

Concen: 45.588 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

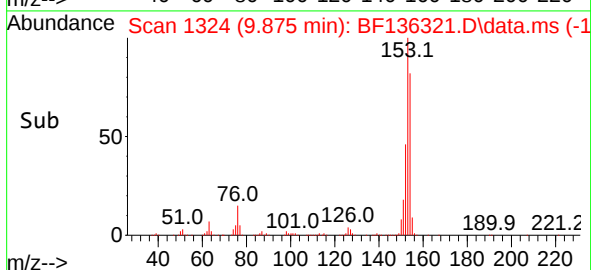
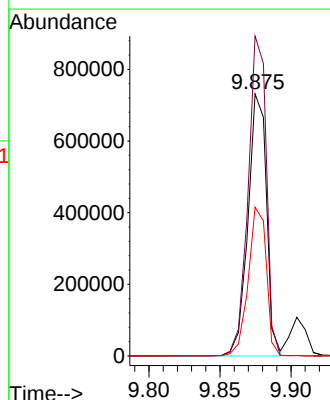
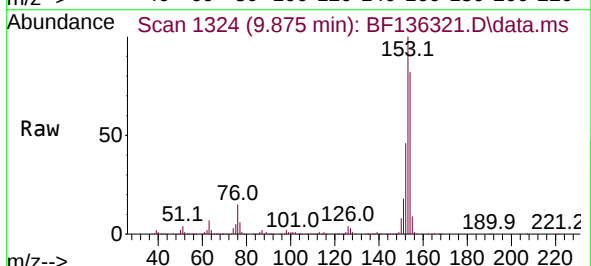
Tgt Ion:154 Resp: 665174

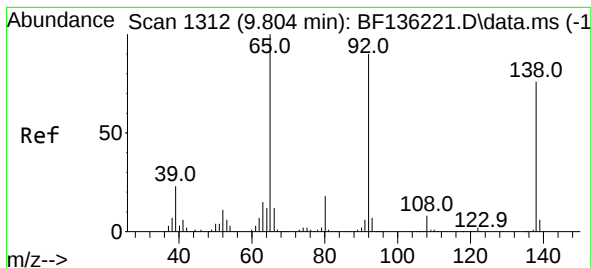
Ion Ratio Lower Upper

154 100

153 122.1 100.8 151.2

152 56.8 47.0 70.6





#53

3-Nitroaniline

Concen: 32.546 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

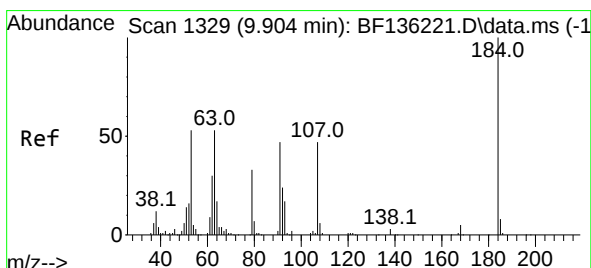
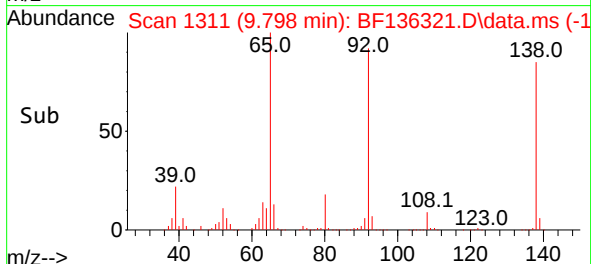
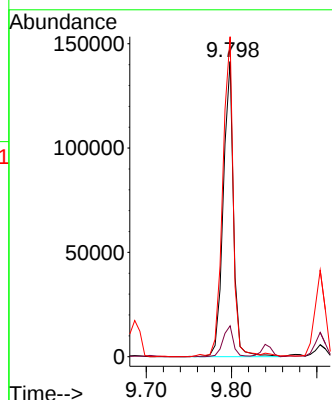
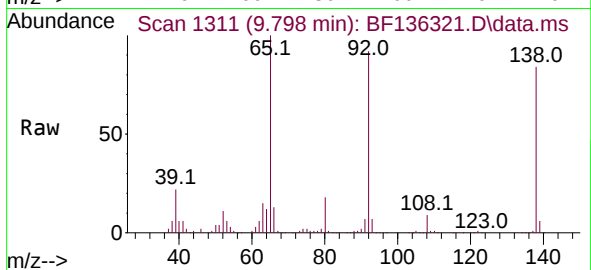
Tgt Ion:138 Resp: 117805

Ion Ratio Lower Upper

138 100

108 10.5 8.7 13.1

92 108.4 94.2 141.4



#54

2,4-Dinitrophenol

Concen: 82.076 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

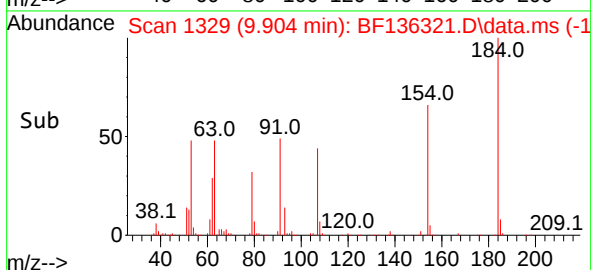
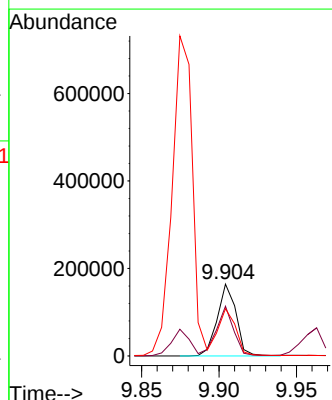
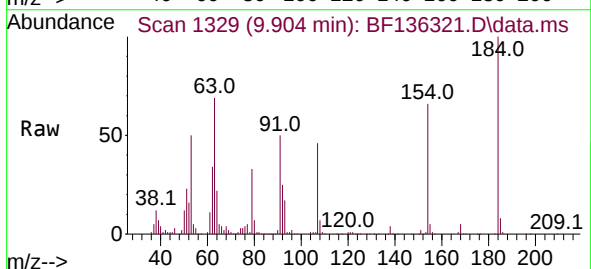
Tgt Ion:184 Resp: 139251

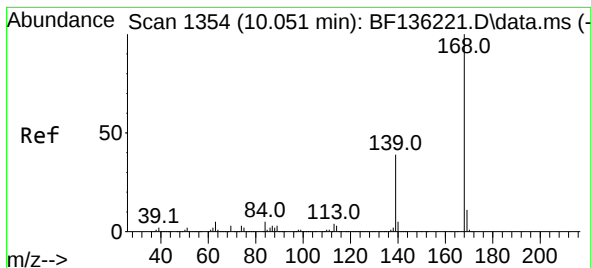
Ion Ratio Lower Upper

184 100

63 69.3 55.0 82.4

154 65.9 54.9 82.3





#55

Dibenzenofuran

Concen: 45.517 ng

RT: 10.051 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

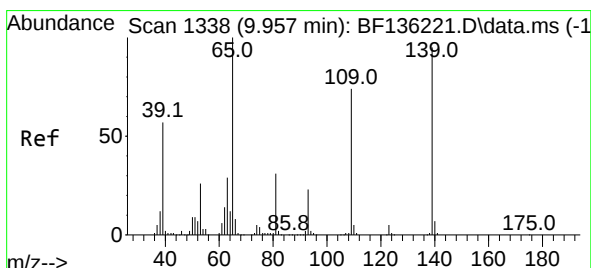
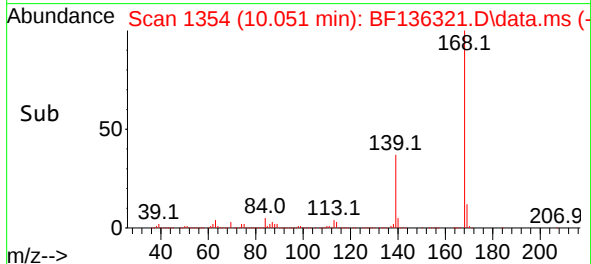
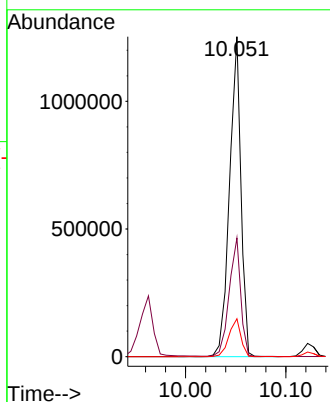
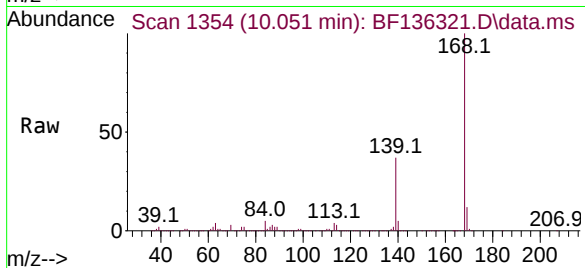
Tgt Ion:168 Resp: 988263

Ion Ratio Lower Upper

168 100

139 37.1 30.9 46.3

169 11.8 9.1 13.7



#56

4-Nitrophenol

Concen: 81.544 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

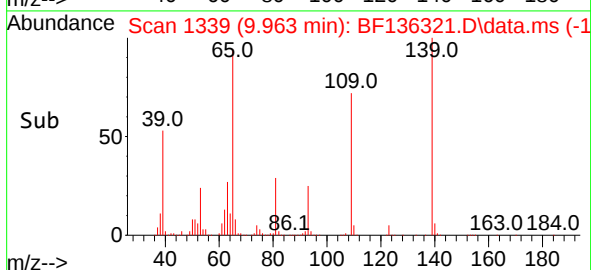
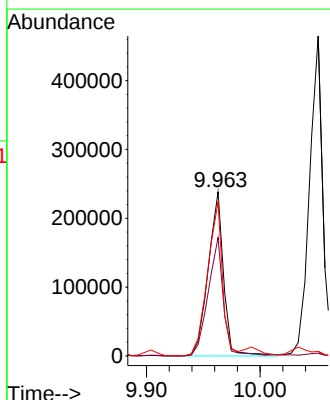
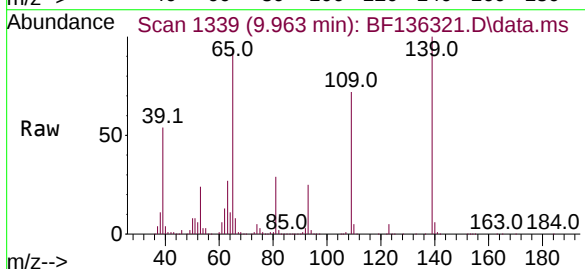
Tgt Ion:139 Resp: 224170

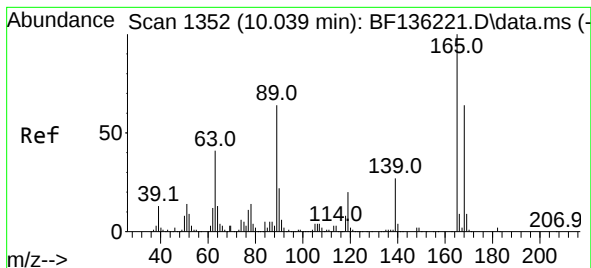
Ion Ratio Lower Upper

139 100

109 72.2 57.8 97.8

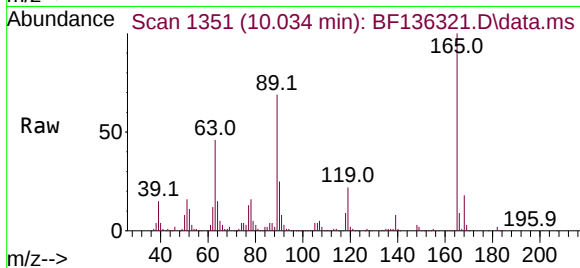
65 93.7 86.0 126.0



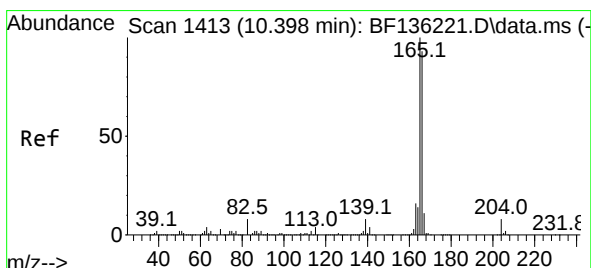
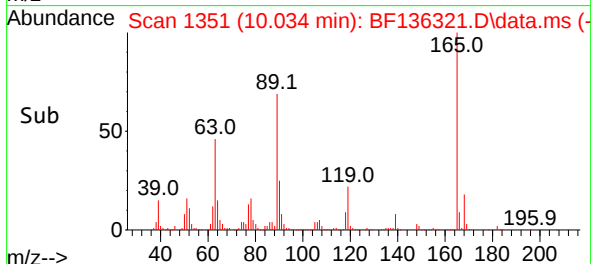
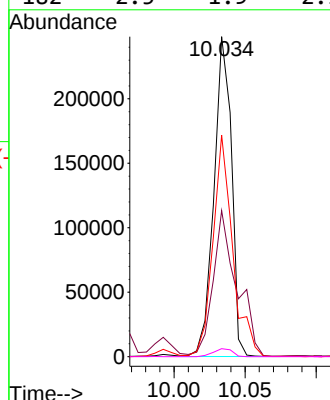


#57
2,4-Dinitrotoluene
Concen: 43.618 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Instrument :
BNA_F
ClientSampleId :

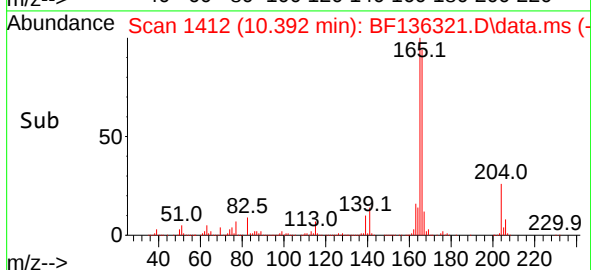
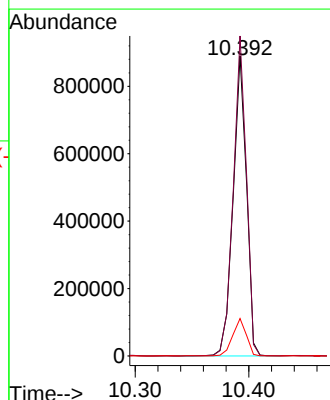
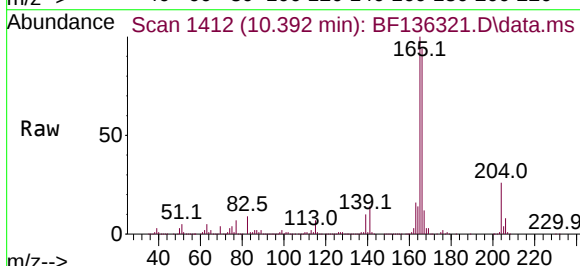


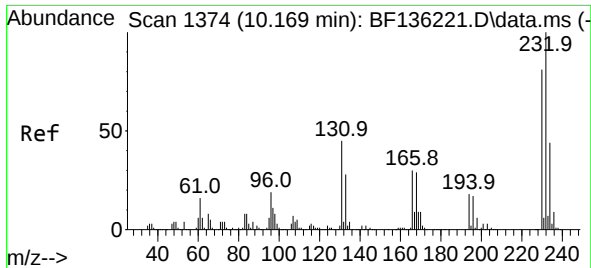
Tgt Ion:	165	Resp:	212539
Ion	Ratio	Lower	Upper
165	100		
63	45.6	33.0	49.4
89	69.3	51.5	77.3
182	2.5	1.9	2.9



#58
Fluorene
Concen: 42.756 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:	166	Resp:	728166
Ion	Ratio	Lower	Upper
166	100		
165	106.6	86.2	129.4
167	12.5	9.1	13.7

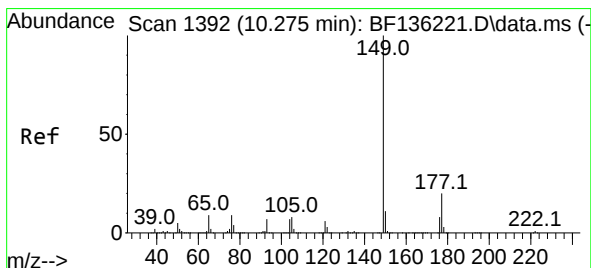
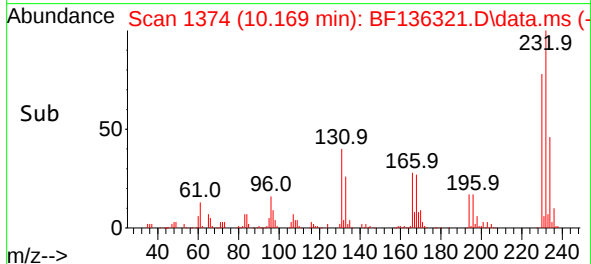
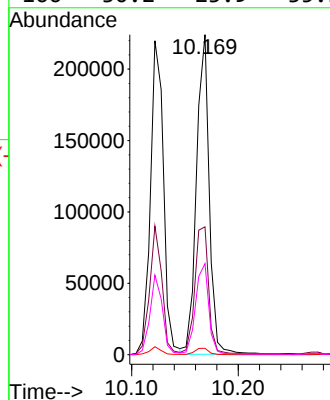
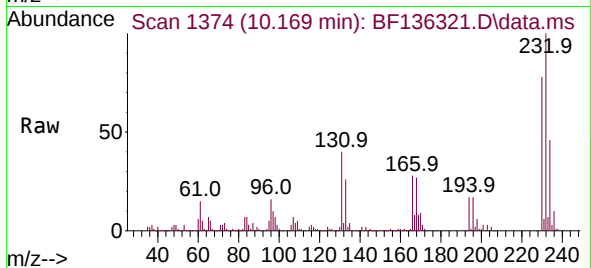




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.230 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

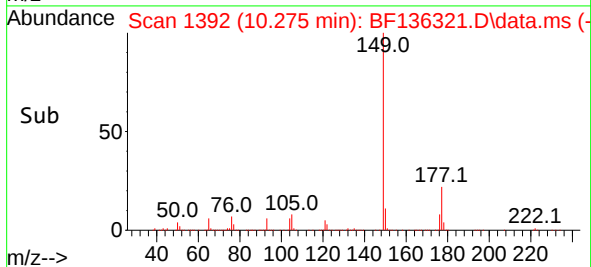
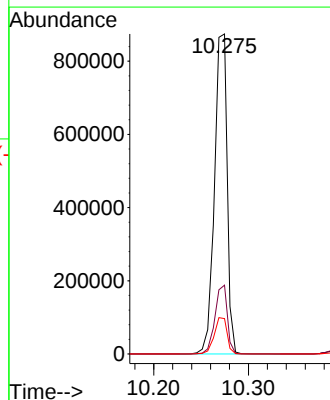
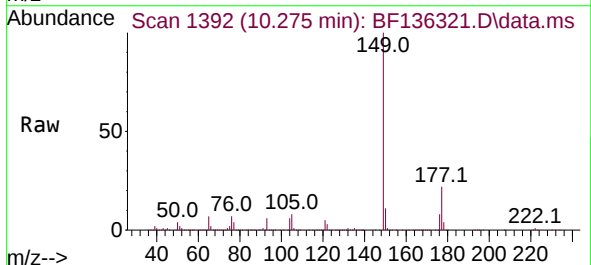
Instrument :
BNA_F
ClientSampleId :

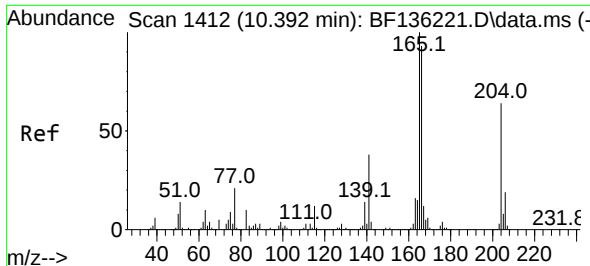
Tgt Ion:232 Resp: 187423
Ion Ratio Lower Upper
232 100
131 44.1 36.4 54.6
130 2.2 1.9 2.9
166 30.2 23.9 35.9



#60
Diethylphthalate
Concen: 45.700 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:149 Resp: 816291
Ion Ratio Lower Upper
149 100
177 21.5 15.8 23.6
150 11.0 8.8 13.2

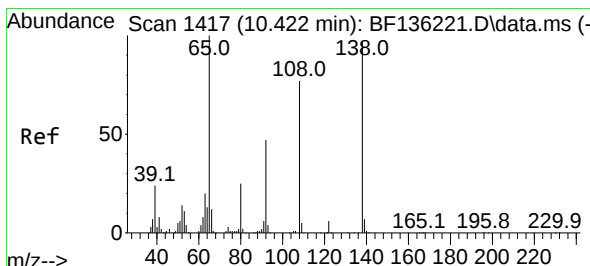
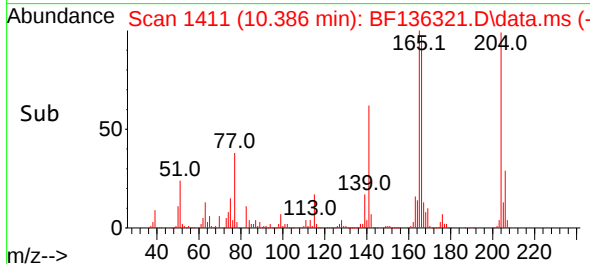
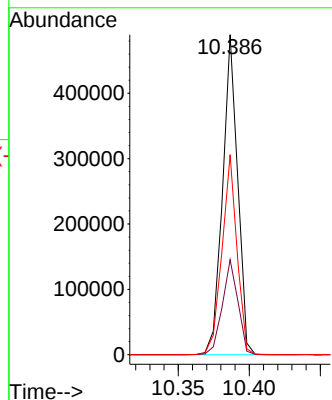
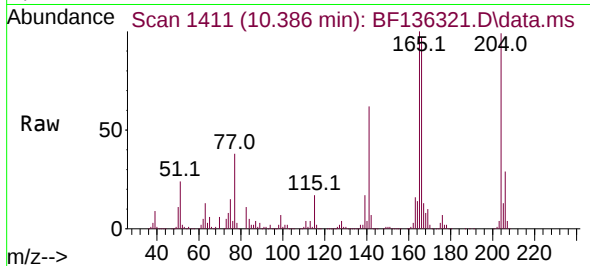




#61
4-Chlorophenyl-phenylether
Concen: 43.556 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

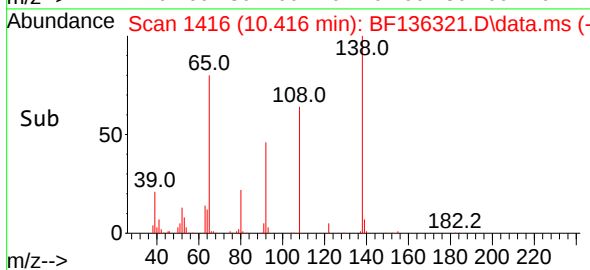
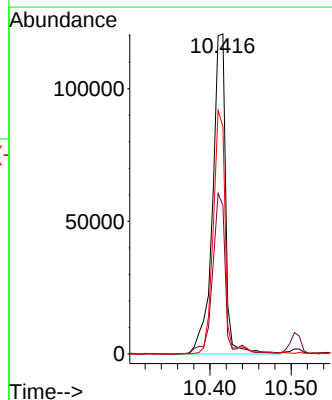
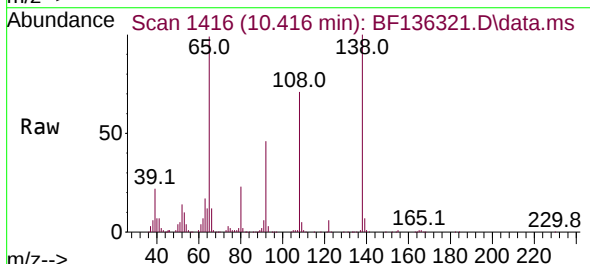
Instrument :
BNA_F
ClientSampleId :

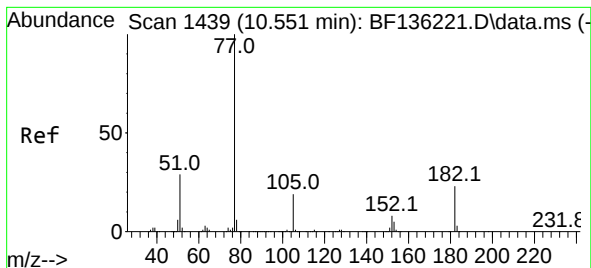
Tgt Ion:204 Resp: 360236
Ion Ratio Lower Upper
204 100
206 29.7 23.4 35.0
141 62.5 47.6 71.4



#62
4-Nitroaniline
Concen: 38.140 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:138 Resp: 135132
Ion Ratio Lower Upper
138 100
92 46.4 28.5 68.5
108 71.0 59.8 99.8





#63

Azobenzene

Concen: 41.367 ng

RT: 10.545 min Scan# 1439

Delta R.T. -0.006 min

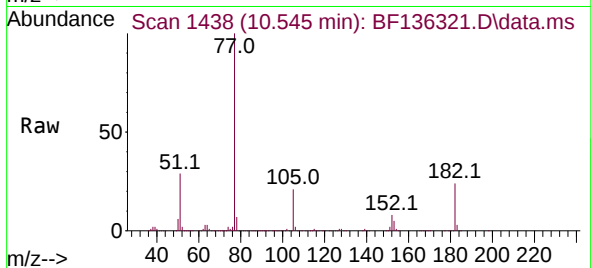
Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 685006

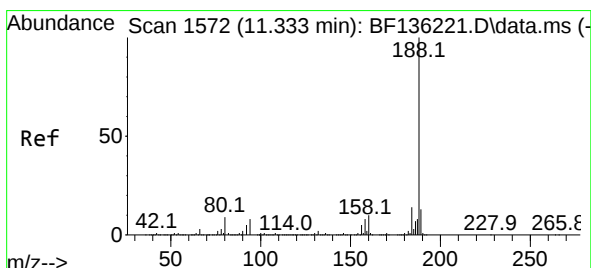
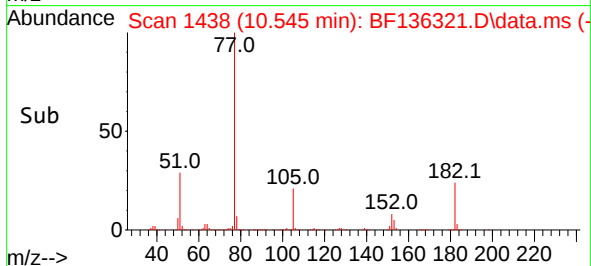
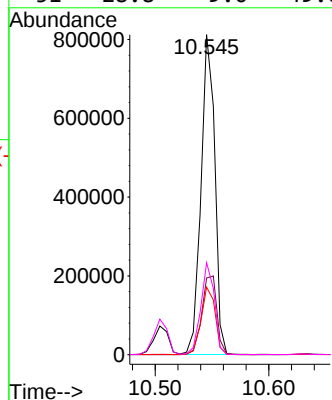
Ion Ratio Lower Upper

77 100

182 23.9 3.3 43.3

105 21.1 0.0 39.5

51 28.8 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

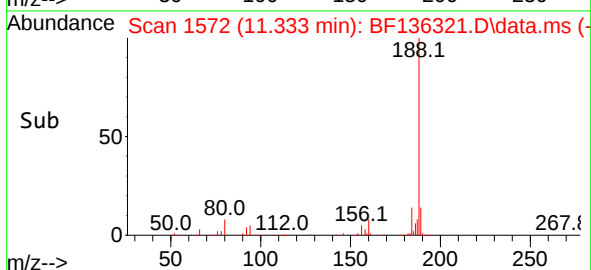
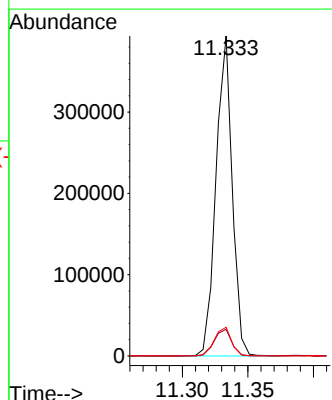
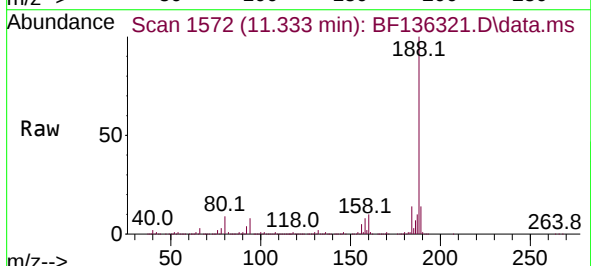
Tgt Ion: 188 Resp: 337819

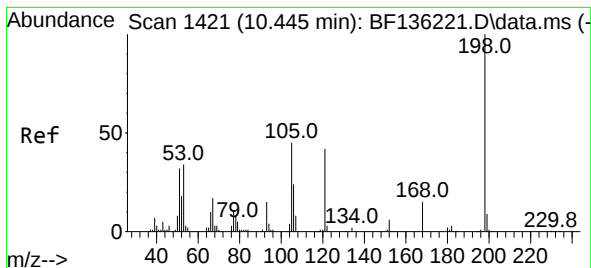
Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 8.9 7.2 10.8

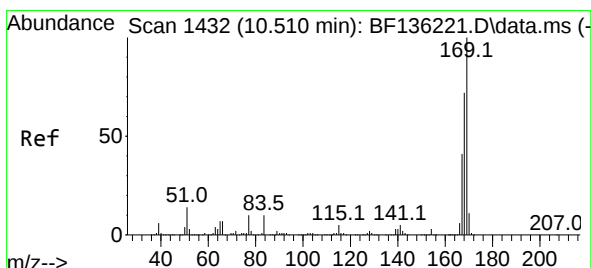
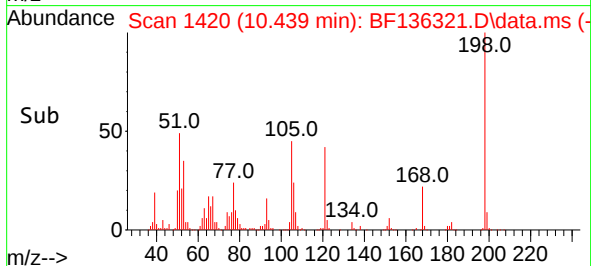
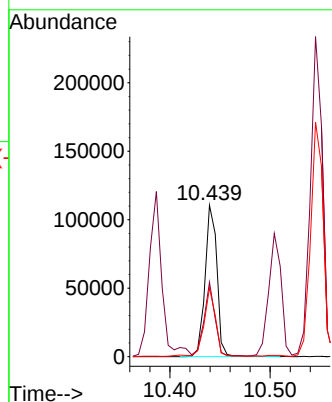
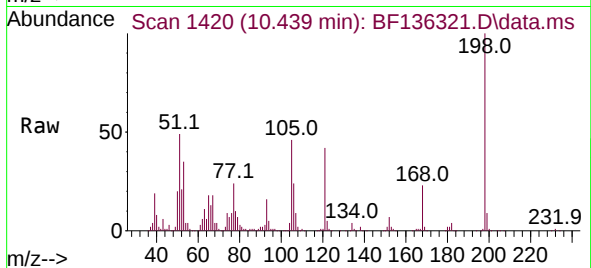




#65
4,6-Dinitro-2-methylphenol
Concen: 49.611 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

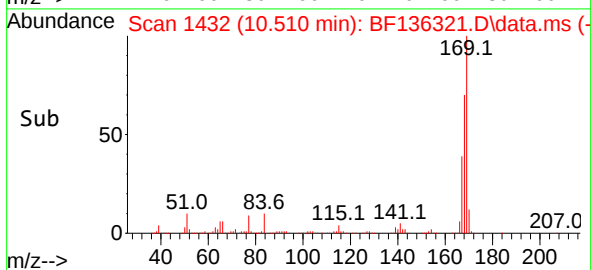
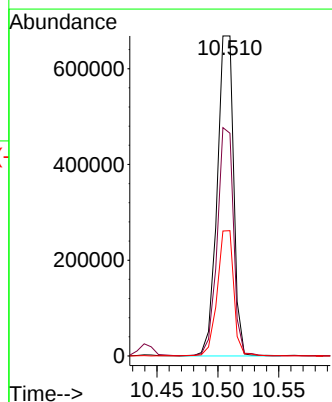
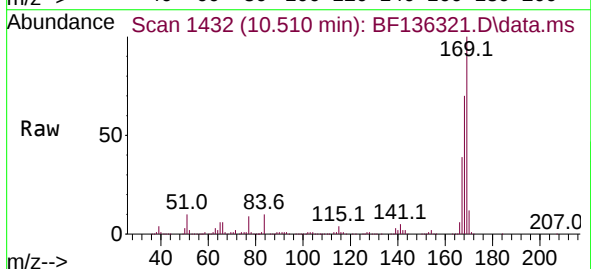
Instrument :
BNA_F
ClientSampleId :

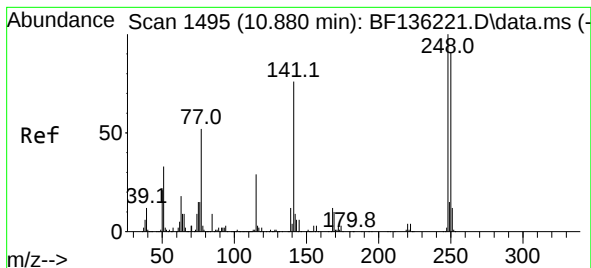
Tgt Ion:198 Resp: 91649
Ion Ratio Lower Upper
198 100
51 49.2 28.2 68.2
105 45.6 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 58.222 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:169 Resp: 630300
Ion Ratio Lower Upper
169 100
168 69.6 57.8 86.6
167 39.1 32.7 49.1

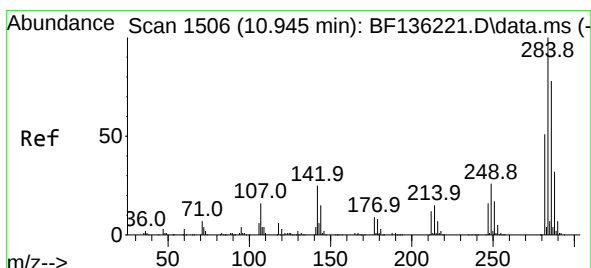
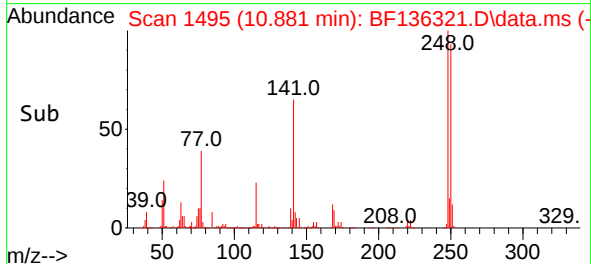
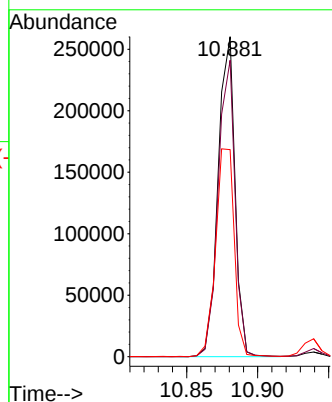
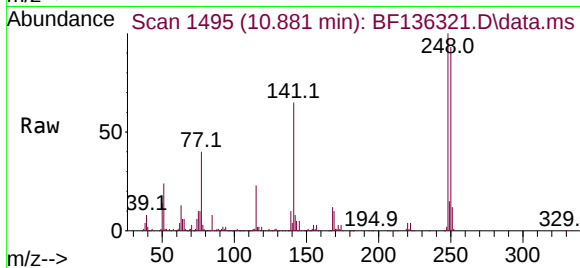




#67
4-Bromophenyl-phenylether
Concen: 54.466 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

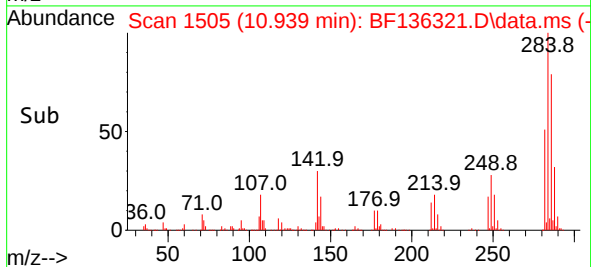
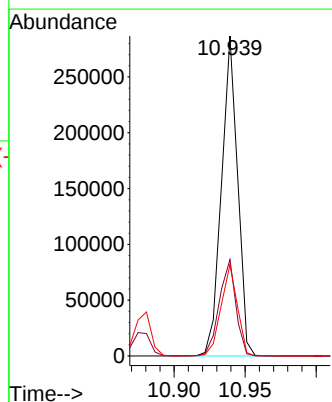
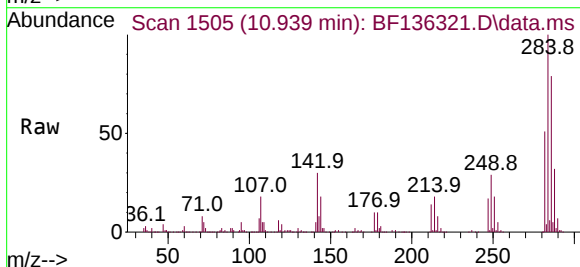
Instrument :
BNA_F
ClientSampleId :

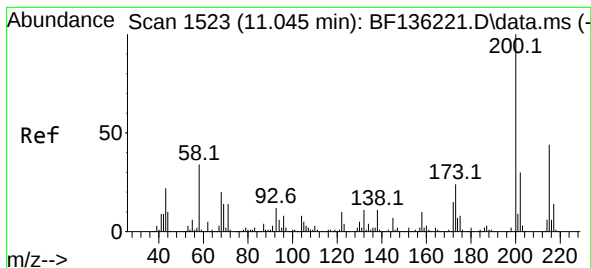
Tgt Ion:248 Resp: 214661
Ion Ratio Lower Upper
248 100
250 92.6 72.5 108.7
141 64.7 60.8 91.2



#68
Hexachlorobenzene
Concen: 49.549 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:284 Resp: 226015
Ion Ratio Lower Upper
284 100
142 30.2 19.8 29.8#
249 28.5 21.0 31.4





#69

Atrazine

Concen: 59.862 ng

RT: 11.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

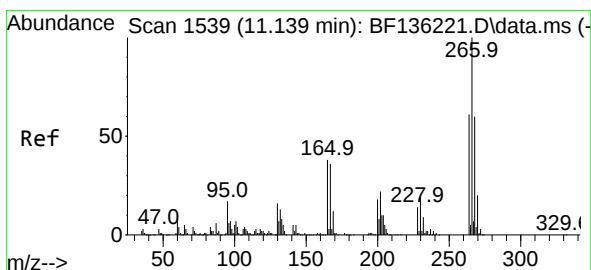
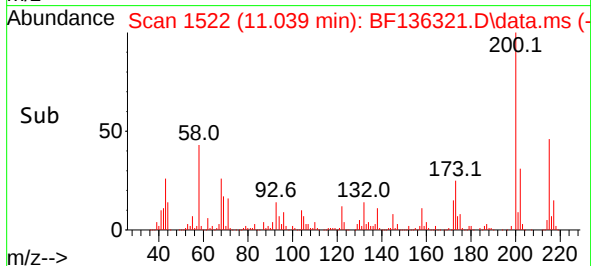
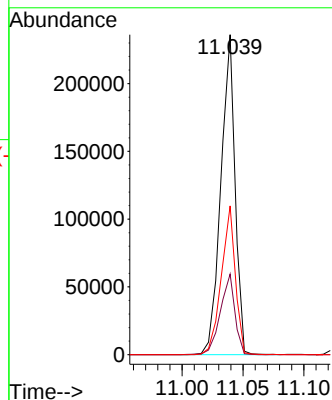
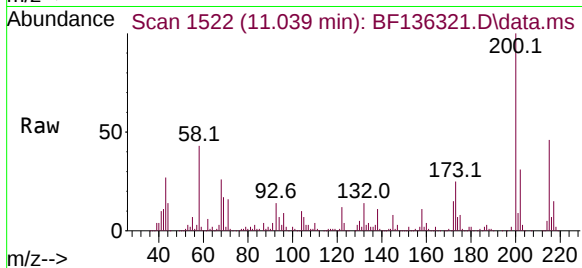
Tgt Ion:200 Resp: 192243

Ion Ratio Lower Upper

200 100

173 25.2 4.3 44.3

215 46.5 23.8 63.8



#70

Pentachlorophenol

Concen: 88.898 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

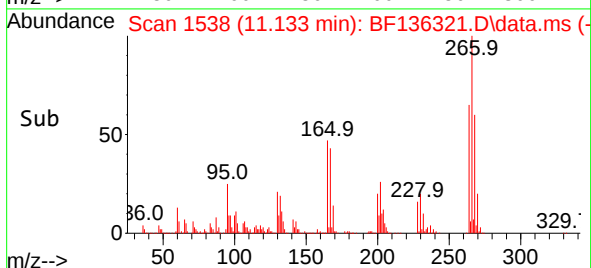
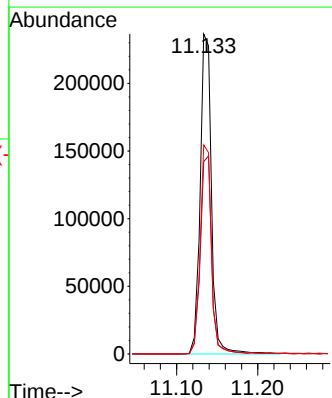
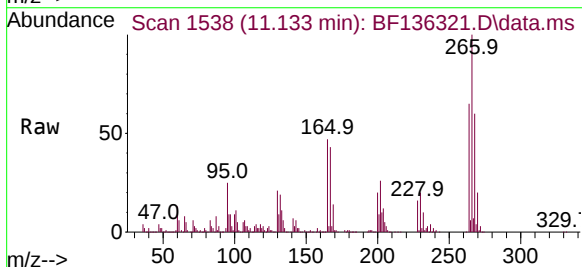
Tgt Ion:266 Resp: 229211

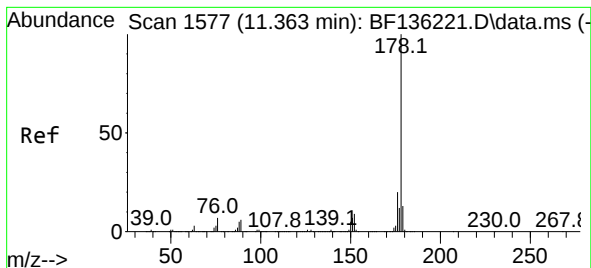
Ion Ratio Lower Upper

266 100

268 60.1 47.9 71.9

264 65.3 49.1 73.7





#71

Phenanthrene

Concen: 53.739 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

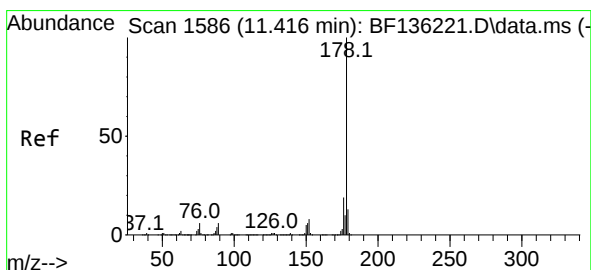
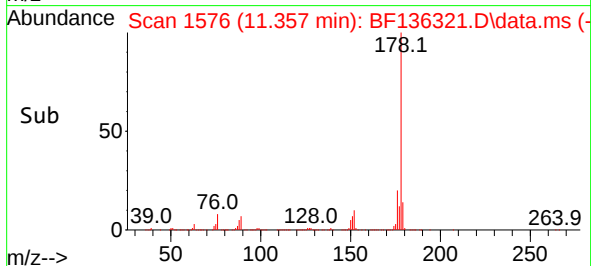
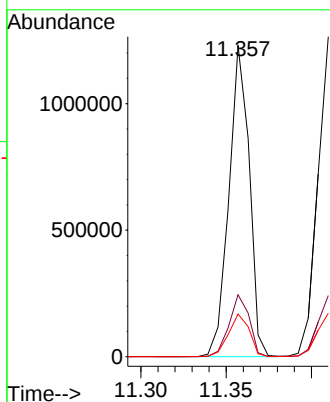
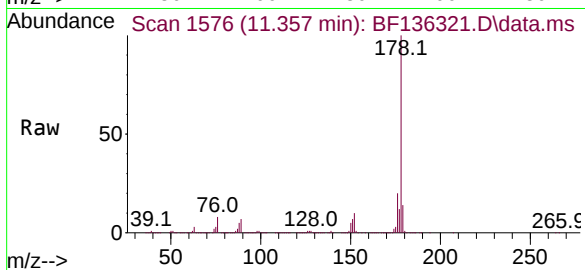
Tgt Ion:178 Resp: 1020339

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

179 13.7 10.3 15.5



#72

Anthracene

Concen: 50.508 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

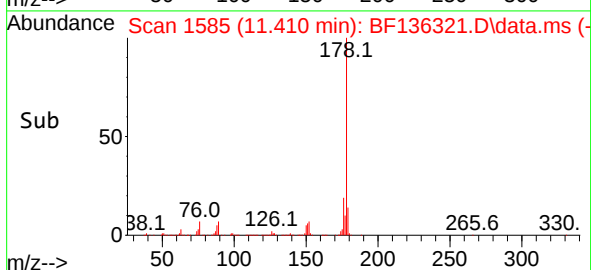
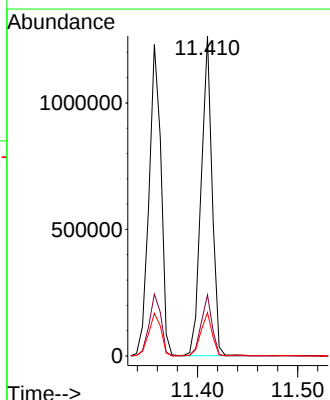
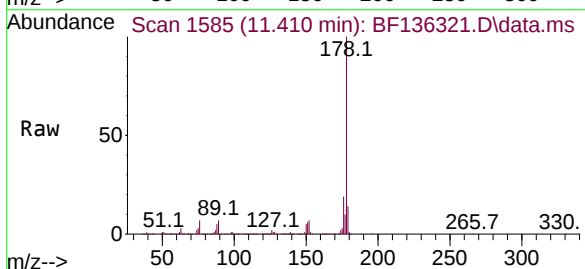
Tgt Ion:178 Resp: 961694

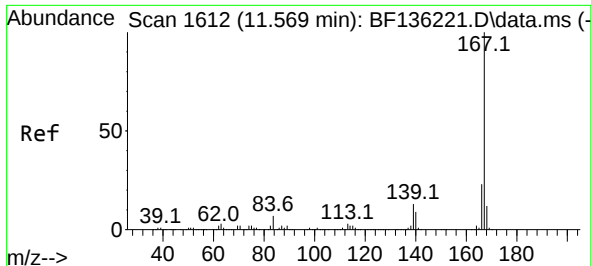
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 13.6 10.5 15.7



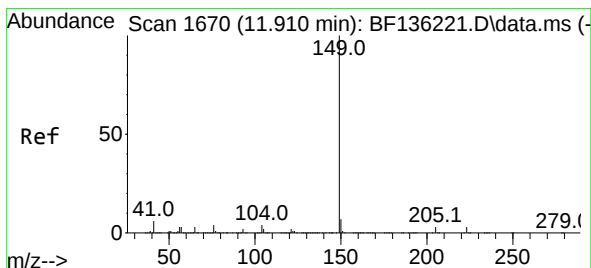
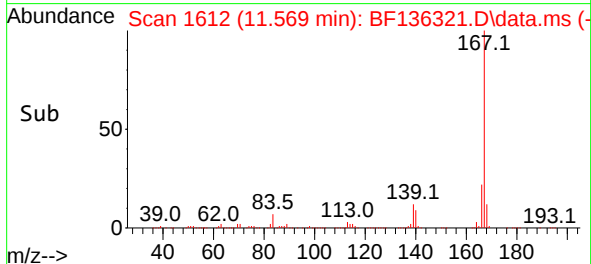
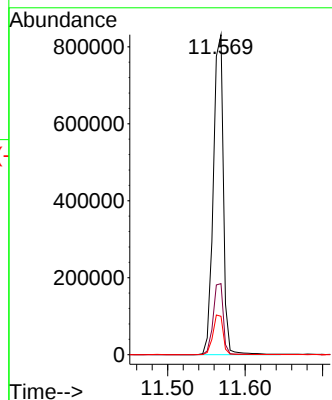
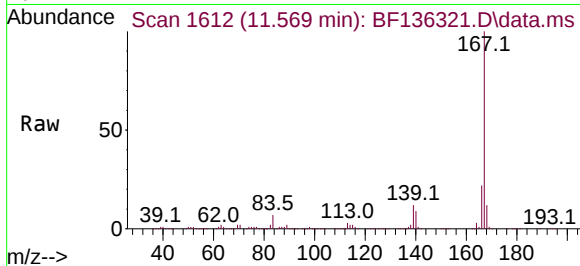


#73
 Carbazole
 Concen: 46.307 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136321.D
 Acq: 30 Nov 2023 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:167 Resp: 749902

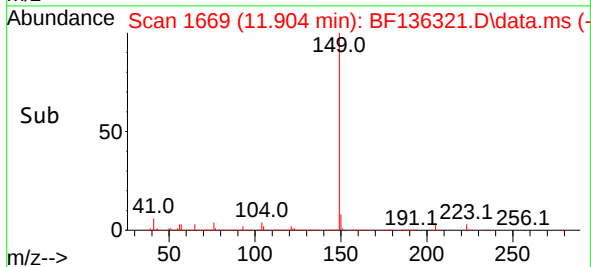
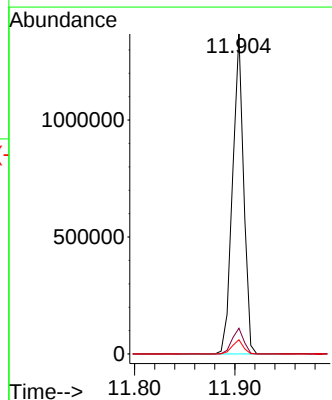
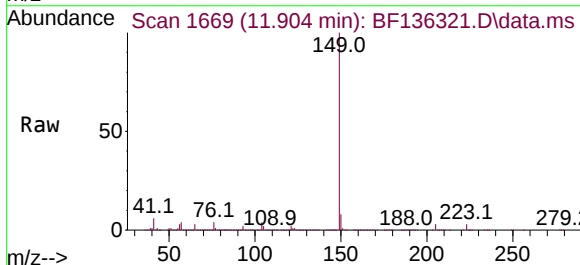
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.4	27.6
139	12.0	10.5	15.7

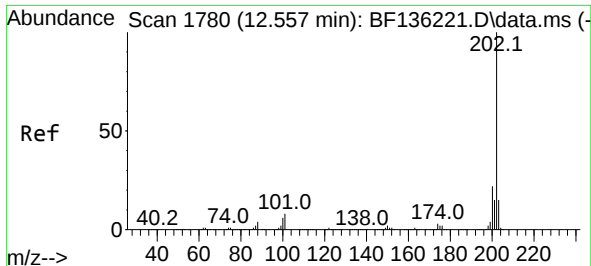


#74
 Di-n-butylphthalate
 Concen: 51.632 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136321.D
 Acq: 30 Nov 2023 19:09

Tgt Ion:149 Resp: 1046186

Ion	Ratio	Lower	Upper
149	100		
150	8.1	6.0	9.0
104	4.5	3.5	5.3

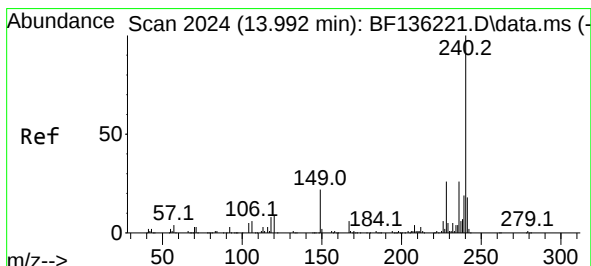
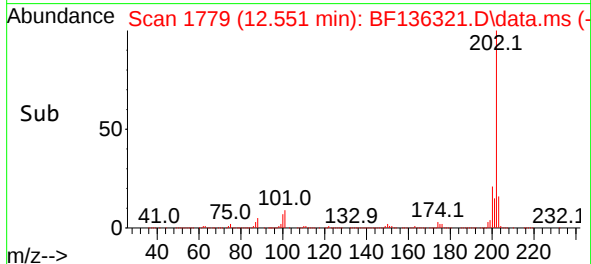
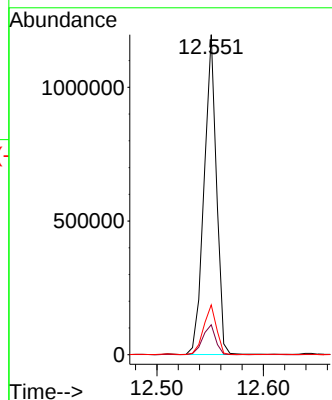
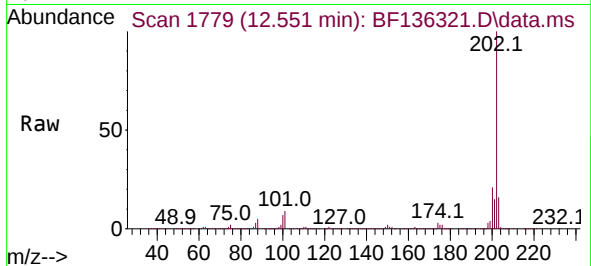




#75
Fluoranthene
Concen: 50.343 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

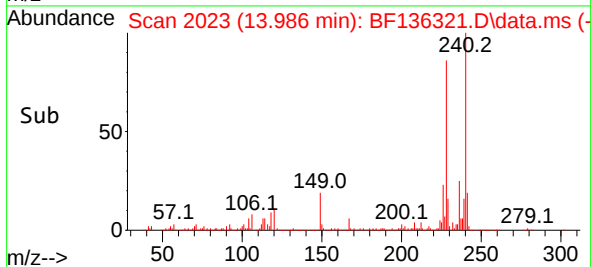
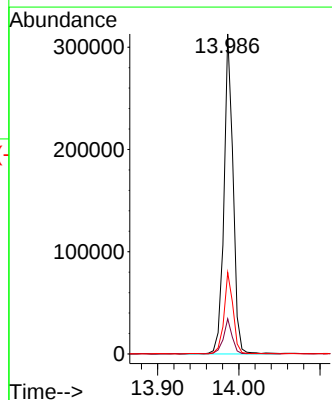
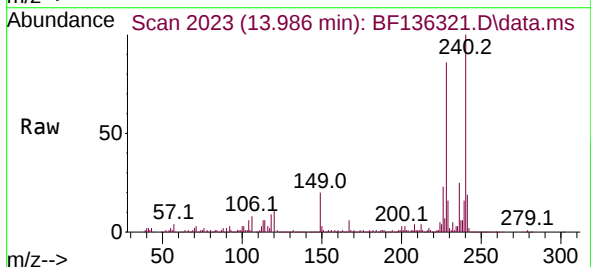
Instrument :
BNA_F
ClientSampleId :

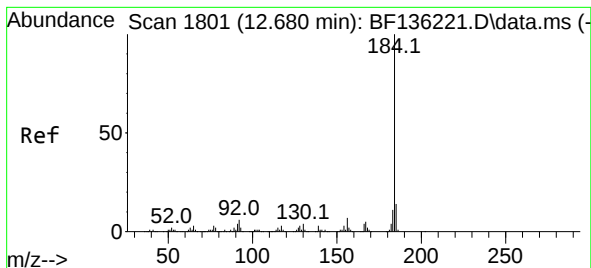
Tgt Ion:202 Resp: 970368
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.8
203 15.6 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:240 Resp: 245713
Ion Ratio Lower Upper
240 100
120 11.0 7.4 11.2
236 25.5 21.1 31.7





#77

Benzidine

Concen: 58.550 ng

RT: 12.675 min Scan# 1800

Delta R.T. -0.005 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

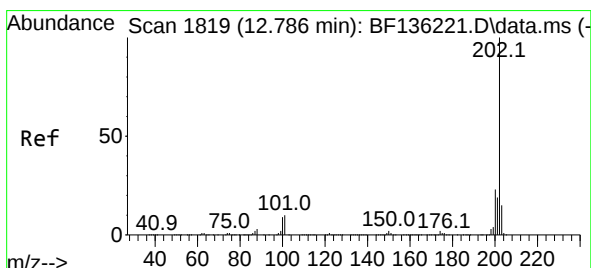
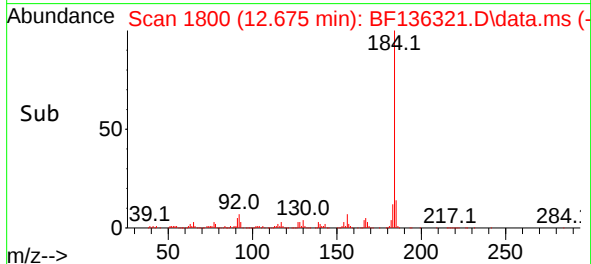
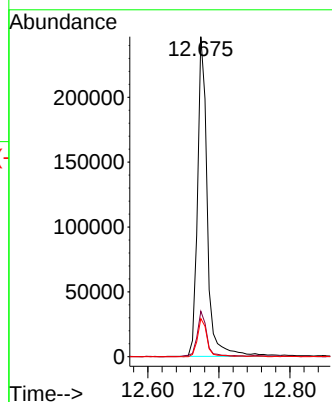
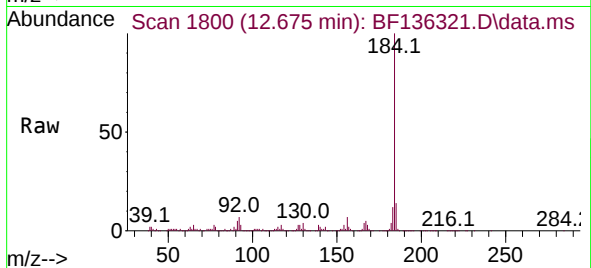
Tgt Ion:184 Resp: 236489

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.6

183 11.9 9.0 13.4



#78

Pyrene

Concen: 36.182 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

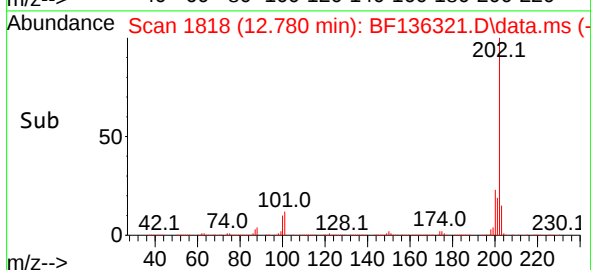
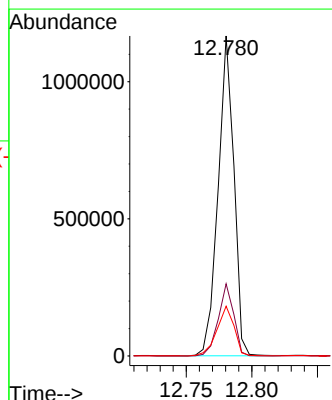
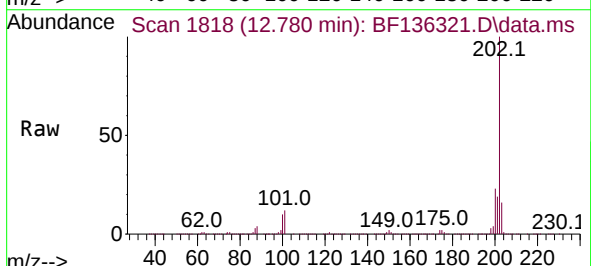
Tgt Ion:202 Resp: 973659

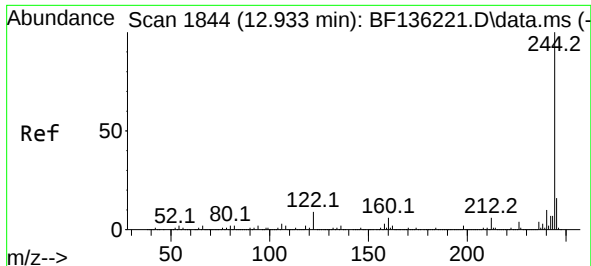
Ion Ratio Lower Upper

202 100

200 22.6 18.4 27.6

203 15.6 11.8 17.6





#79

Terphenyl-d14

Concen: 41.150 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

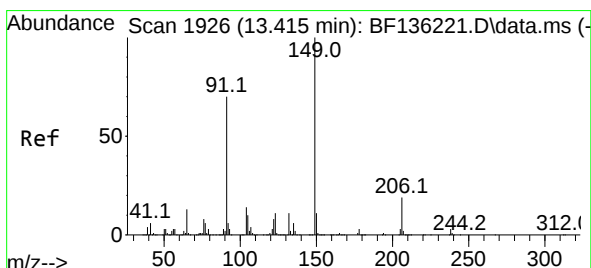
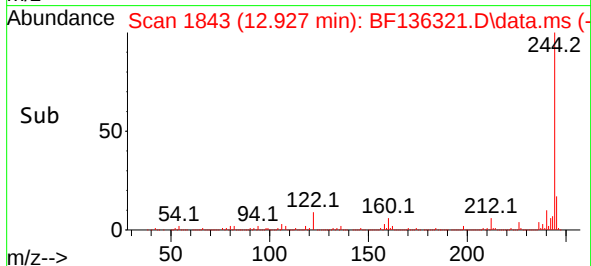
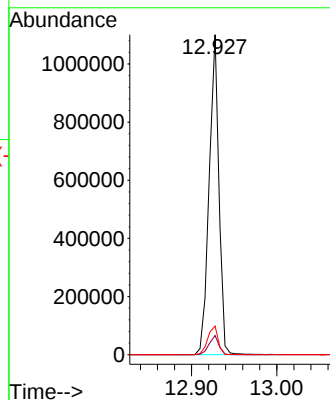
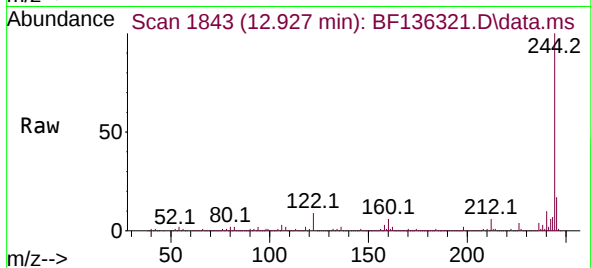
Tgt Ion:244 Resp: 876564

Ion Ratio Lower Upper

244 100

212 6.0 4.6 7.0

122 9.0 7.3 10.9



#80

Butylbenzylphthalate

Concen: 43.369 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

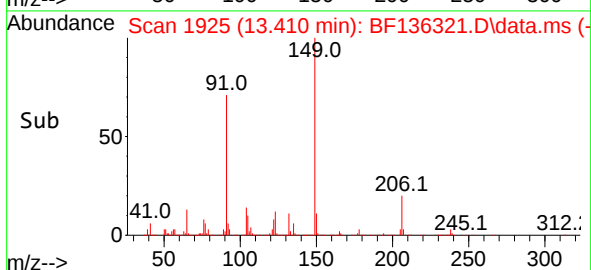
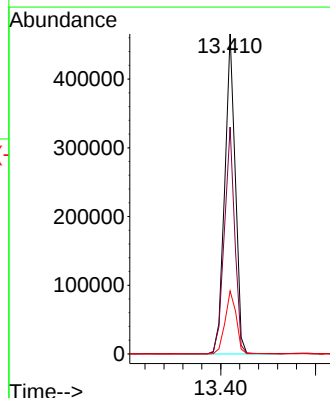
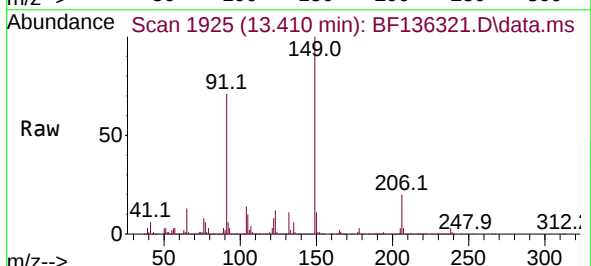
Tgt Ion:149 Resp: 363217

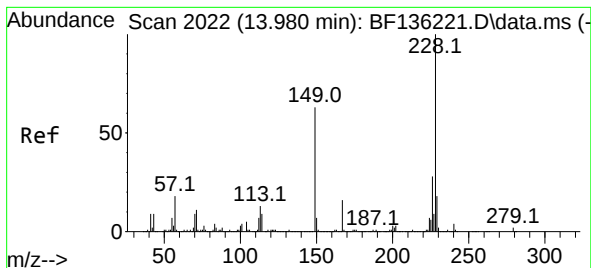
Ion Ratio Lower Upper

149 100

91 70.9 56.4 84.6

206 19.7 14.8 22.2





#81

Benzo(a)anthracene

Concen: 48.686 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

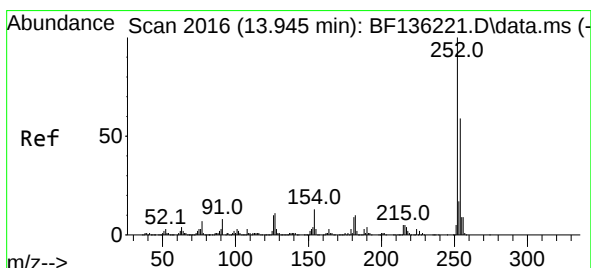
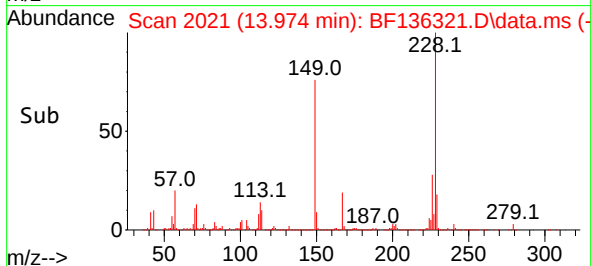
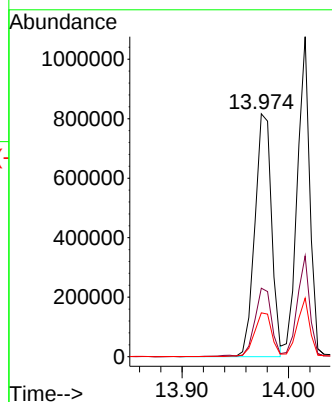
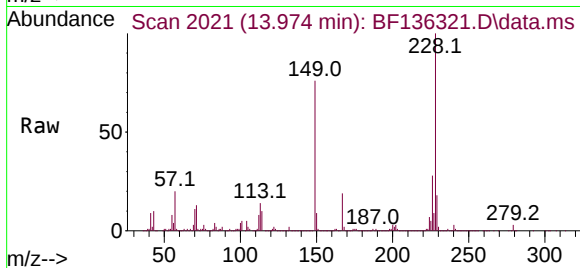
Tgt Ion:228 Resp: 888554

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

229 18.1 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 52.398 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

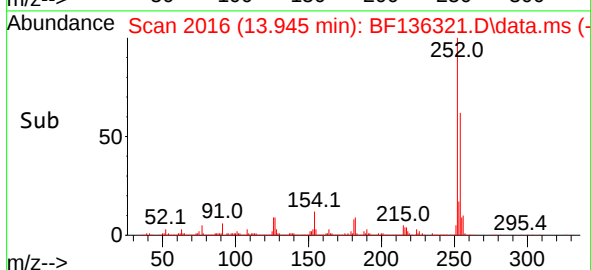
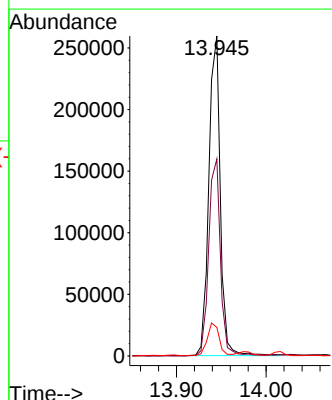
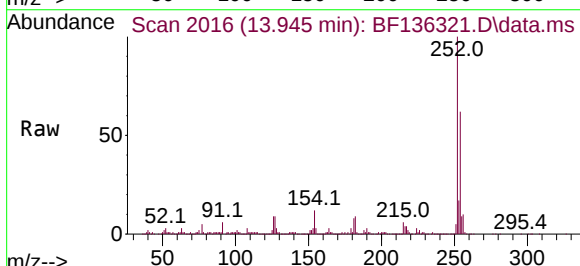
Tgt Ion:252 Resp: 230195

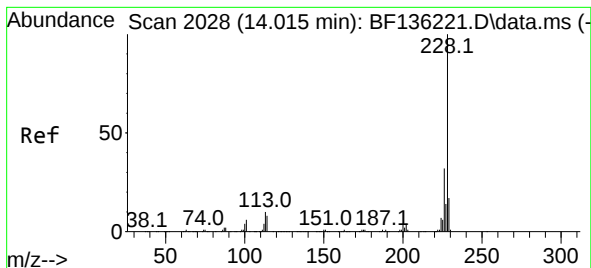
Ion Ratio Lower Upper

252 100

254 61.5 47.4 71.2

126 9.0 8.3 12.5





#83

Chrysene

Concen: 49.588 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

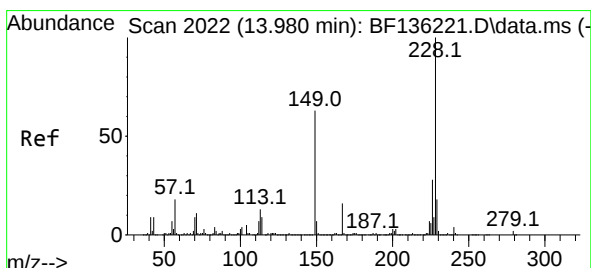
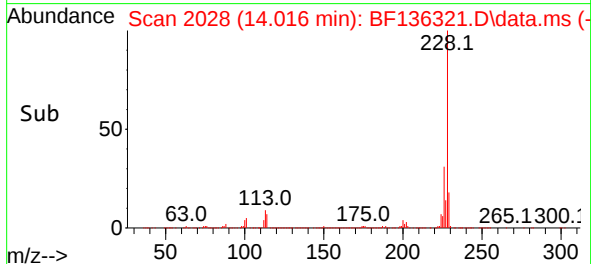
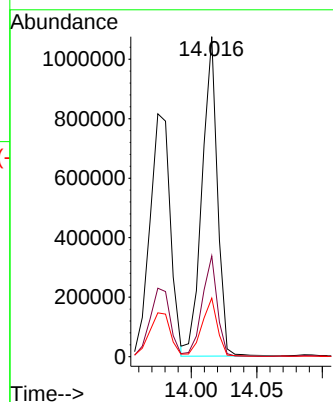
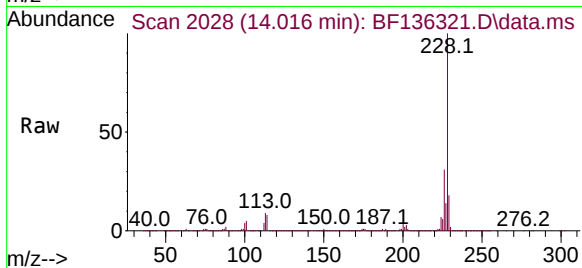
Tgt Ion:228 Resp: 873834

Ion Ratio Lower Upper

228 100

226 31.5 25.5 38.3

229 18.3 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.255 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

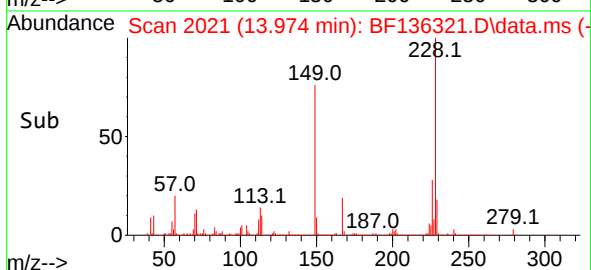
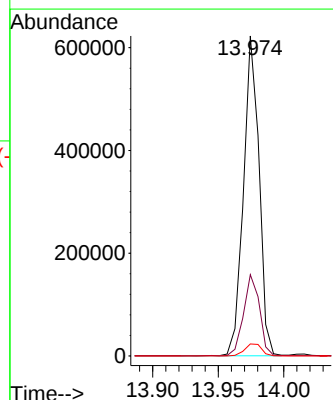
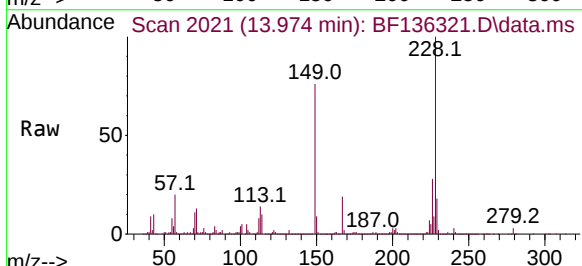
Tgt Ion:149 Resp: 515166

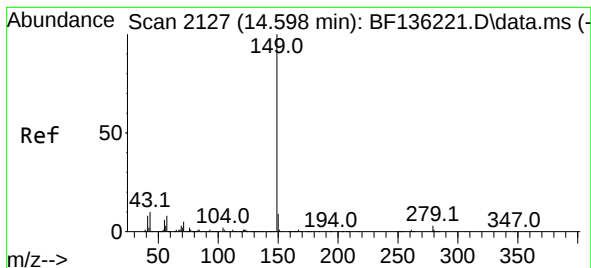
Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.2

279 3.8 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 61.477 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

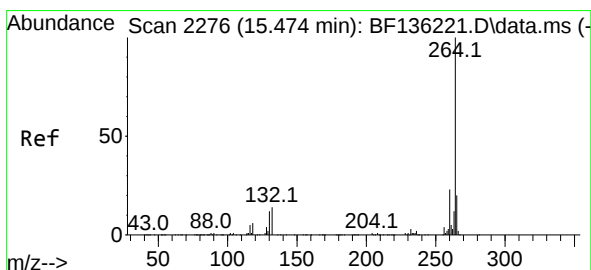
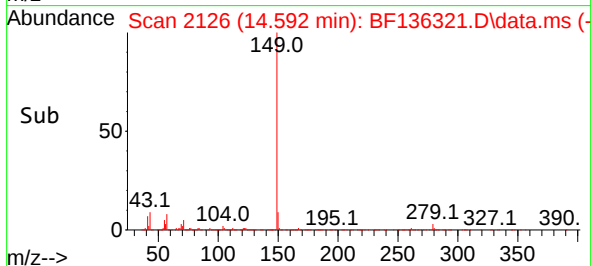
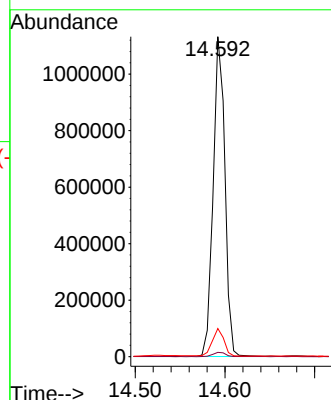
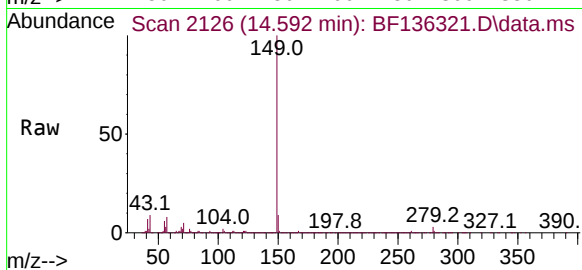
Tgt Ion:149 Resp: 1030068

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.5 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

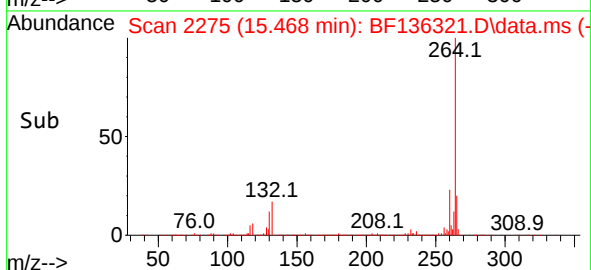
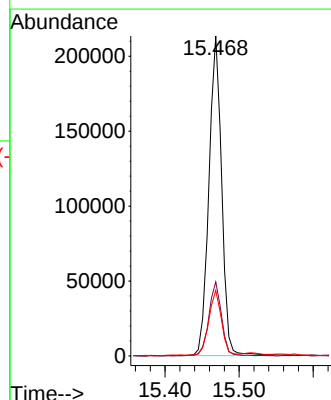
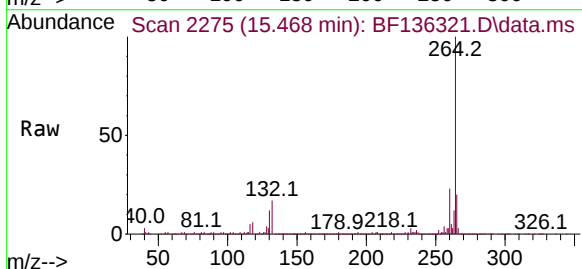
Tgt Ion:264 Resp: 254711

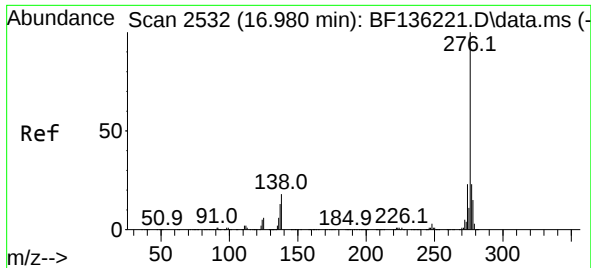
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 20.4 15.7 23.5

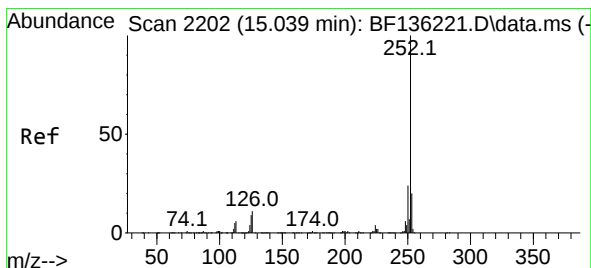
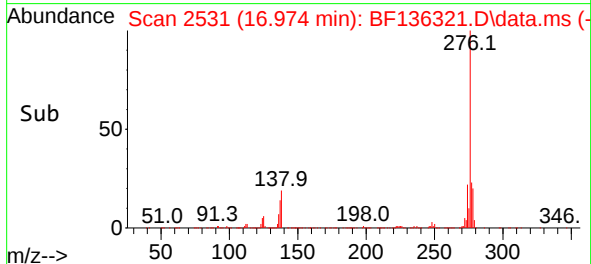
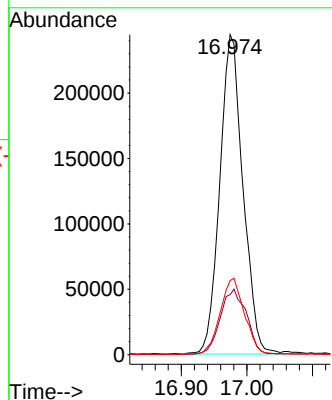
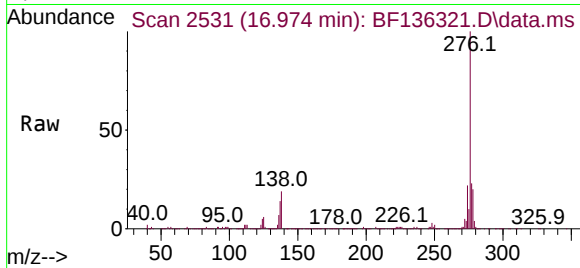




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 32.360 ng
 RT: 16.974 min Scan# 2531
 Delta R.T. -0.006 min
 Lab File: BF136321.D
 Acq: 30 Nov 2023 19:09

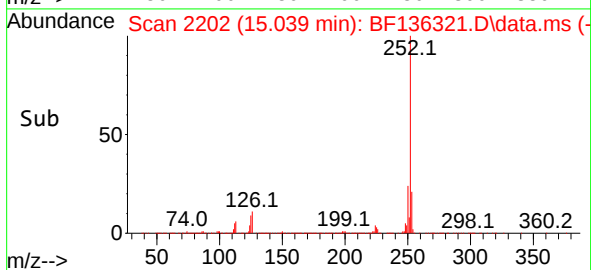
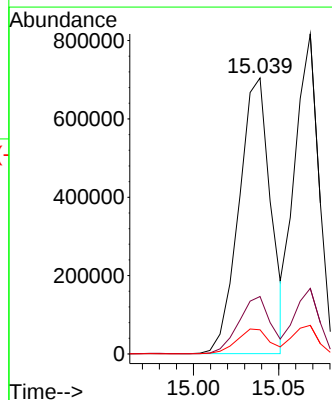
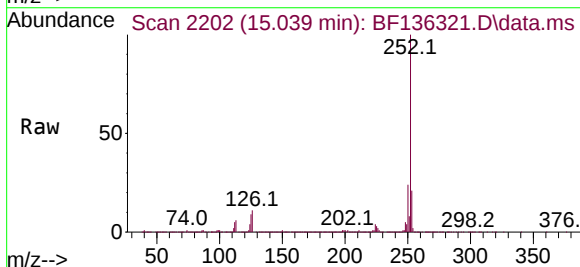
Instrument :
 BNA_F
 ClientSampleId :

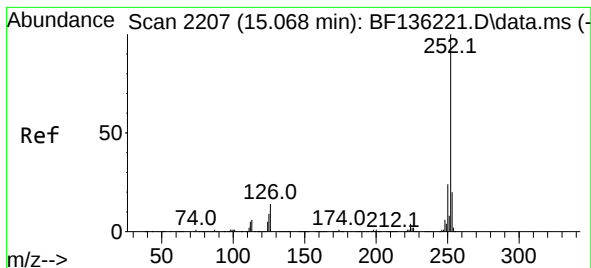
Tgt Ion:276 Resp: 598500
 Ion Ratio Lower Upper
 276 100
 138 23.1 17.7 26.5
 277 25.2 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 51.073 ng
 RT: 15.039 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: BF136321.D
 Acq: 30 Nov 2023 19:09

Tgt Ion:252 Resp: 912688
 Ion Ratio Lower Upper
 252 100
 253 20.8 16.2 24.2
 125 8.8 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 47.080 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

Instrument :

BNA_F

ClientSampleId :

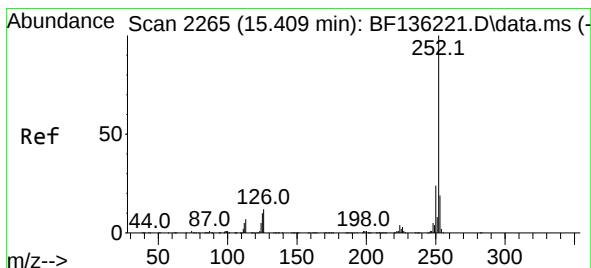
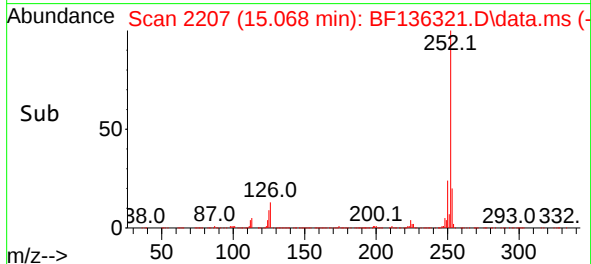
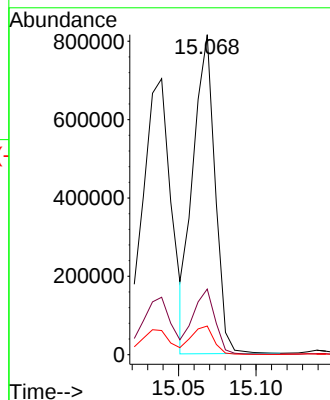
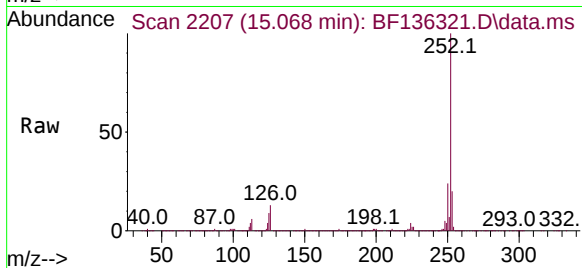
Tgt Ion:252 Resp: 799053

Ion Ratio Lower Upper

252 100

253 20.5 15.6 23.4

125 8.9 7.0 10.4



#90

Benzo(a)pyrene

Concen: 48.920 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136321.D

Acq: 30 Nov 2023 19:09

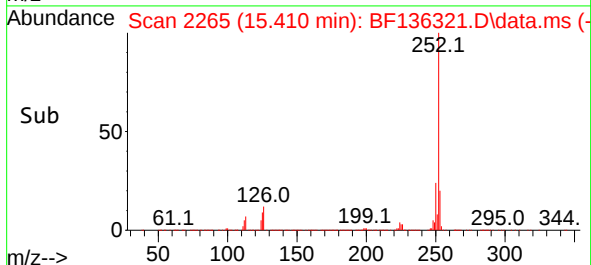
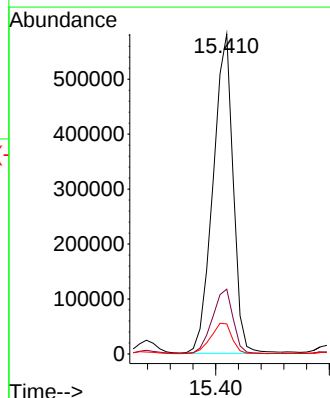
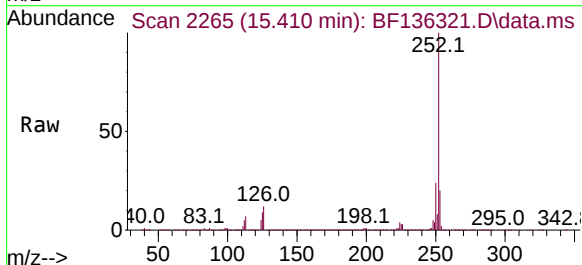
Tgt Ion:252 Resp: 714649

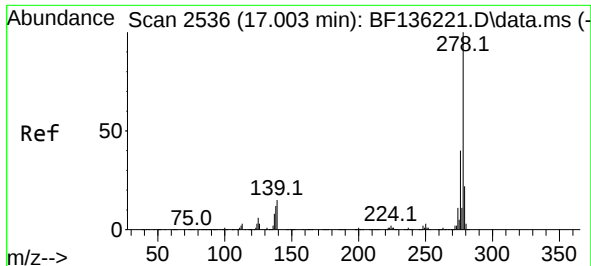
Ion Ratio Lower Upper

252 100

253 20.3 15.5 23.3

125 9.4 7.9 11.9

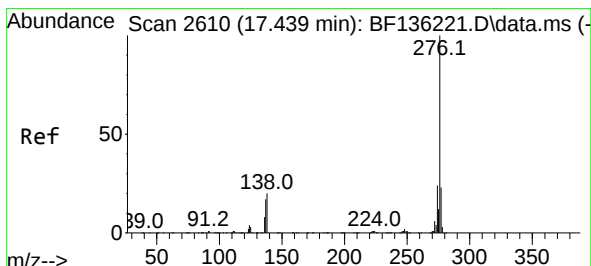
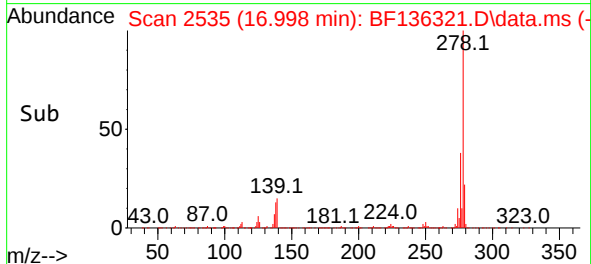
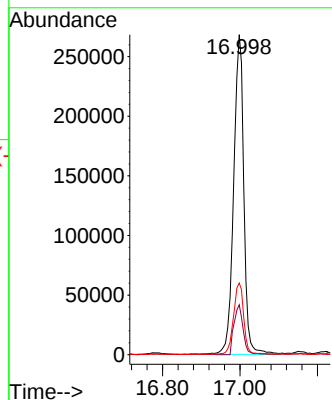
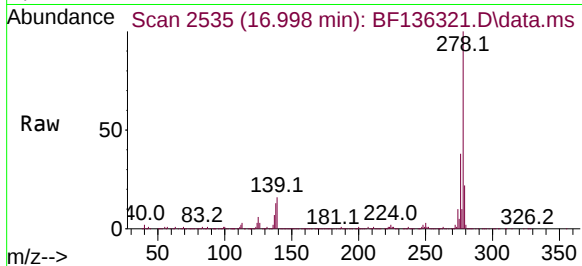




#91
Dibenzo(a,h)anthracene
Concen: 32.929 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 489392
Ion Ratio Lower Upper
278 100
139 15.6 11.7 17.5
279 22.4 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 29.543 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136321.D
Acq: 30 Nov 2023 19:09

Tgt Ion:276 Resp: 441339
Ion Ratio Lower Upper
276 100
277 22.1 18.6 27.8
138 18.6 15.8 23.8

