

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136323.D
 Acq On : 30 Nov 2023 20:13
 Operator : CG\JU
 Sample : 05562-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 00:12:10 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	123535	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	458519	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	187509	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	293424	20.000	ng	0.00
76) Chrysene-d12	13.992	240	246812	20.000	ng	0.00
86) Perylene-d12	15.468	264	193449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	750851	84.597	ng	0.00
7) Phenol-d6	6.445	99	901626	81.244	ng	0.00
23) Nitrobenzene-d5	7.369	82	552769	63.705	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	185415	80.881	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1011035	68.871	ng	0.00
79) Terphenyl-d14	12.933	244	949427	44.372	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	123903	36.895	ng	94
3) Pyridine	3.410	79	289967	34.978	ng	93
4) n-Nitrosodimethylamine	3.375	42	145397	34.697	ng	87
6) Aniline	6.469	93	141875	13.526	ng	98
8) 2-Chlorophenol	6.592	128	360231	37.275	ng	95
9) Benzaldehyde	6.363	77	165736	26.795	ng	96
10) Phenol	6.457	94	418722	35.169	ng	93
11) bis(2-Chloroethyl)ether	6.545	93	331532	37.957	ng	97
12) 1,3-Dichlorobenzene	6.745	146	389936	35.555	ng	97
13) 1,4-Dichlorobenzene	6.822	146	405376	36.360	ng	97
14) 1,2-Dichlorobenzene	6.975	146	375476	35.574	ng	97
15) Benzyl Alcohol	6.951	79	284094	36.512	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	443485	36.555	ng	98
17) 2-Methylphenol	7.063	107	273048	35.938	ng	98
18) Hexachloroethane	7.316	117	137460	35.150	ng	91
19) n-Nitroso-di-n-propyla...	7.222	70	241635	36.405	ng	95
20) 3+4-Methylphenols	7.216	107	338320	34.263	ng	# 85
22) Acetophenone	7.216	105	511455	42.472	ng	# 91
24) Nitrobenzene	7.386	77	341420	38.828	ng	97
25) Isophorone	7.628	82	634325	40.543	ng	96
26) 2-Nitrophenol	7.704	139	171957	45.898	ng	93
27) 2,4-Dimethylphenol	7.739	122	244462	49.574	ng	96
28) bis(2-Chloroethoxy)met...	7.839	93	384772	40.657	ng	97
29) 2,4-Dichlorophenol	7.945	162	266061	40.001	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	319046	39.179	ng	97
31) Naphthalene	8.104	128	999942	38.799	ng	97
32) Benzoic acid	7.845	122	123697	27.524	ng	97
33) 4-Chloroaniline	8.157	127	38840	4.434	ng	97
34) Hexachlorobutadiene	8.222	225	182448	38.296	ng	97
35) Caprolactam	8.522	113	74649	40.147	ng	94
36) 4-Chloro-3-methylphenol	8.639	107	250784	34.764	ng	98
37) 2-Methylnaphthalene	8.798	142	590031	36.497	ng	99
38) 1-Methylnaphthalene	8.898	142	555886	35.247	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	282555	47.349	ng	99
41) Hexachlorocyclopentadiene	8.951	237	156232	68.039	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	166591	43.010	ng	96

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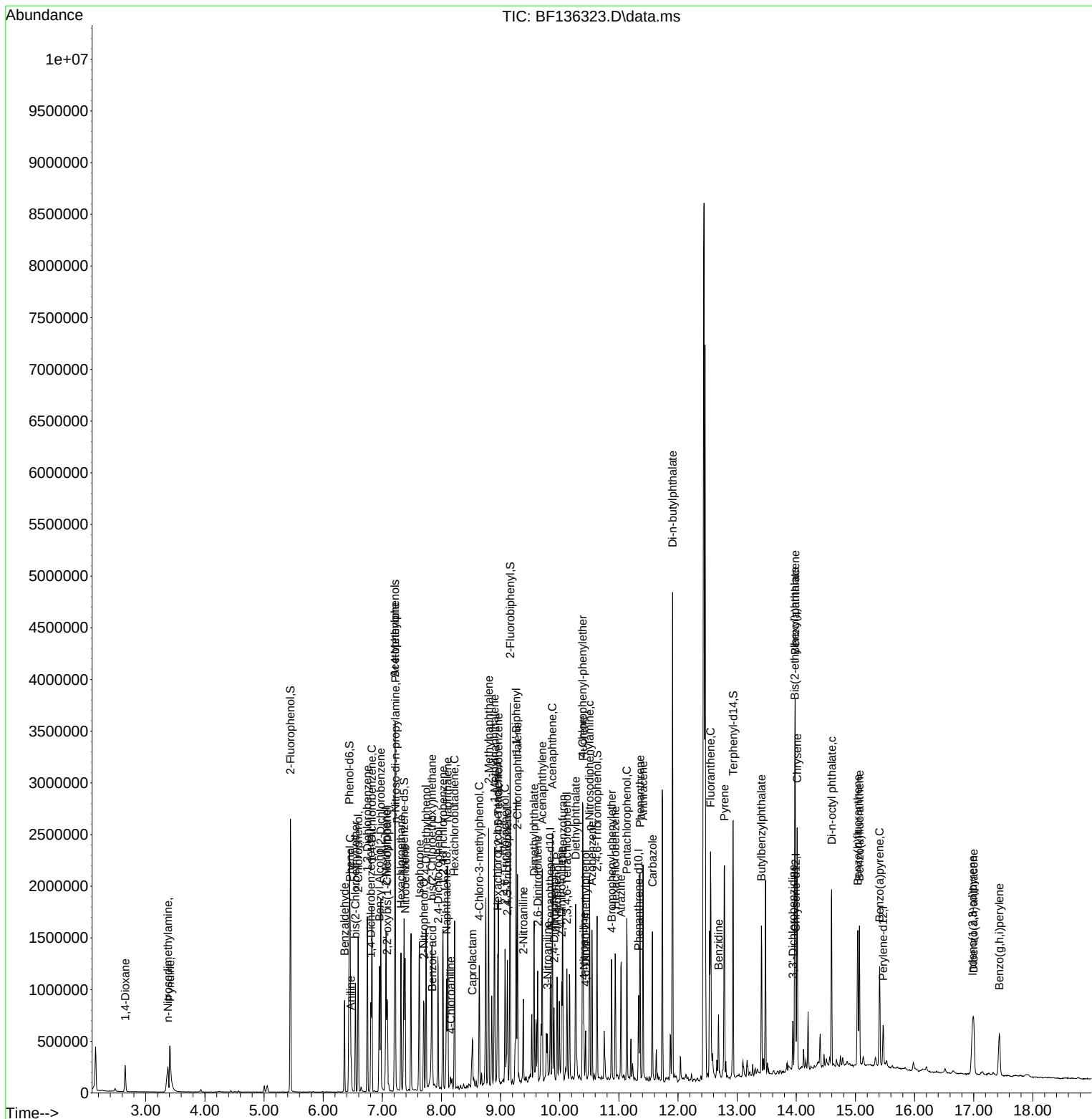
Instrument :
 BNA_F
 ClientSampleId :

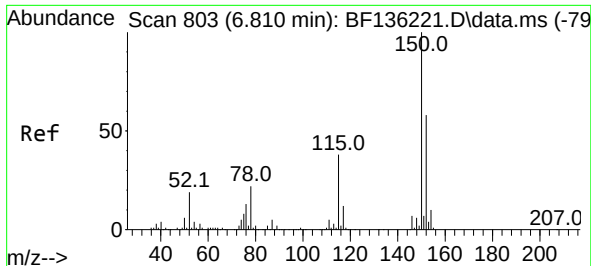
Quant Time: Dec 01 00:12:10 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	168589	39.885	ng	98
46) 1,1'-Biphenyl	9.263	154	755438	45.686	ng	97
47) 2-Chloronaphthalene	9.286	162	534349	41.612	ng	96
48) 2-Nitroaniline	9.386	65	138892	41.428	ng	# 78
49) Acenaphthylene	9.704	152	802253	43.778	ng	98
50) Dimethylphthalate	9.569	163	610992	43.112	ng	99
51) 2,6-Dinitrotoluene	9.627	165	118825	41.041	ng	95
52) Acenaphthene	9.874	154	457495	39.505	ng	97
53) 3-Nitroaniline	9.792	138	61205	21.305	ng	98
54) 2,4-Dinitrophenol	9.904	184	80303	59.636	ng	92
55) Dibenzofuran	10.051	168	674424	39.137	ng	97
56) 4-Nitrophenol	9.957	139	162995	74.703	ng	93
57) 2,4-Dinitrotoluene	10.033	165	144652	37.402	ng	98
58) Fluorene	10.392	166	493944	36.543	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.121	232	128226	38.127	ng	90
60) Diethylphthalate	10.269	149	547713	38.635	ng	97
61) 4-Chlorophenyl-phenyle...	10.386	204	244069	37.181	ng	95
62) 4-Nitroaniline	10.410	138	91154	32.416	ng	96
63) Azobenzene	10.545	77	469967	35.758	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	55289	34.457	ng	93
66) n-Nitrosodiphenylamine	10.504	169	426138	45.318	ng	95
67) 4-Bromophenyl-phenylether	10.880	248	144919	42.334	ng	90
68) Hexachlorobenzene	10.939	284	157491	39.751	ng	# 92
69) Atrazine	11.039	200	142724	51.166	ng	99
70) Pentachlorophenol	11.133	266	184716	82.480	ng	96
71) Phenanthrene	11.357	178	718830	43.587	ng	99
72) Anthracene	11.410	178	714531	43.205	ng	99
73) Carbazole	11.568	167	601411	42.757	ng	98
74) Di-n-butylphthalate	11.910	149	2412731	137.091	ng	99
75) Fluoranthene	12.551	202	870609	52.002	ng	95
77) Benzidine	12.686	184	220837	54.431	ng	99
78) Pyrene	12.786	202	903985	33.444	ng	97
80) Butylbenzylphthalate	13.410	149	333967	39.699	ng	98
81) Benzo(a)anthracene	13.980	228	800391	43.660	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	93989	21.299	ng	92
83) Chrysene	14.015	228	768242	43.402	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	477670	47.313	ng	99
85) Di-n-octyl phthalate	14.598	149	902298	54.272	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	437970	31.277	ng	99
88) Benzo(b)fluoranthene	15.039	252	646954	47.668	ng	98
89) Benzo(k)fluoranthene	15.068	252	569849	44.208	ng	97
90) Benzo(a)pyrene	15.409	252	486832	43.879	ng	97
91) Dibenzo(a,h)anthracene	16.998	278	347401	30.955	ng	99
92) Benzo(g,h,i)perylene	17.433	276	345831	30.421	ng	99

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

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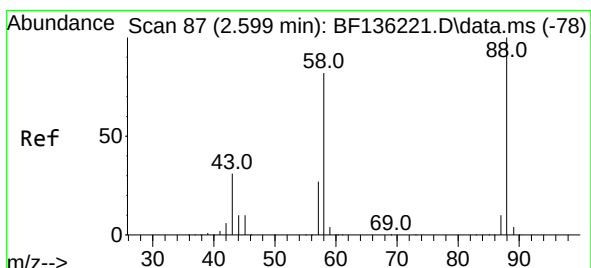
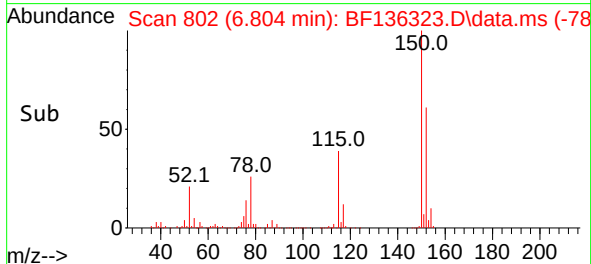
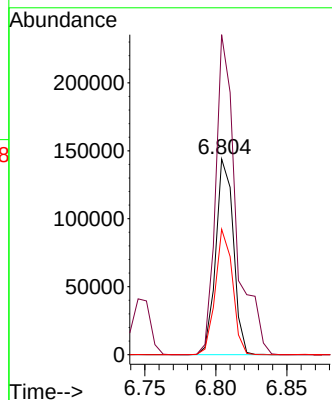
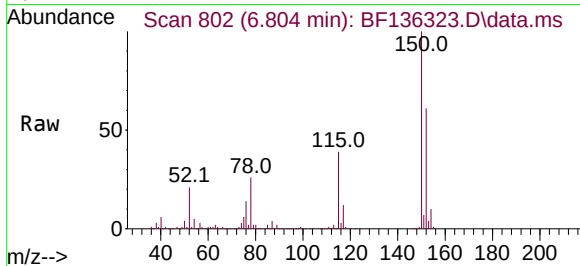




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136323.D
 Acq: 30 Nov 2023 20:13

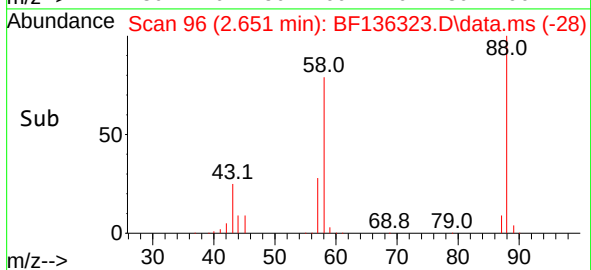
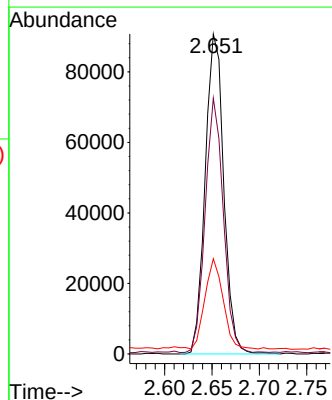
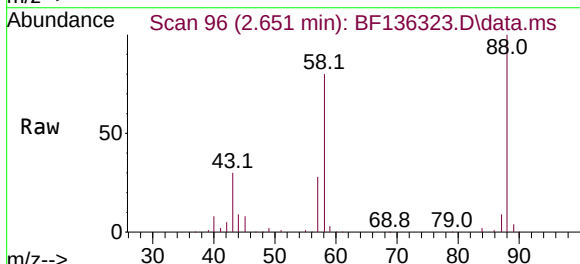
Instrument :
 BNA_F
 ClientSampleId :

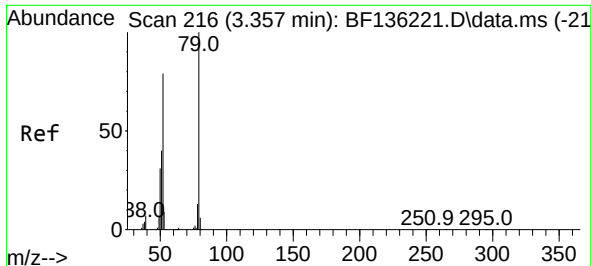
Tgt Ion:152 Resp: 123535
 Ion Ratio Lower Upper
 152 100
 150 163.5 137.8 206.8
 115 64.1 52.7 79.1



#2
 1,4-Dioxane
 Concen: 36.895 ng
 RT: 2.651 min Scan# 96
 Delta R.T. 0.053 min
 Lab File: BF136323.D
 Acq: 30 Nov 2023 20:13

Tgt Ion: 88 Resp: 123903
 Ion Ratio Lower Upper
 88 100
 58 77.5 65.9 98.9
 43 27.5 24.8 37.2

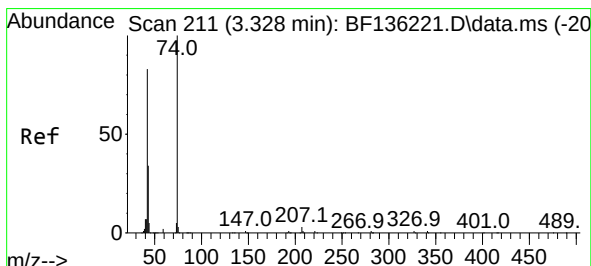
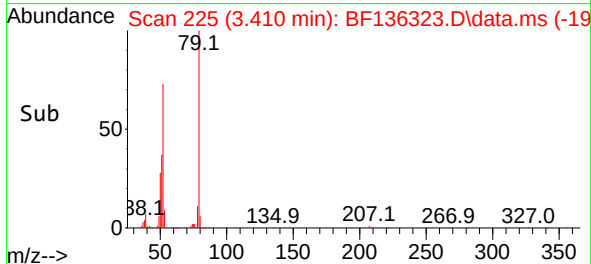
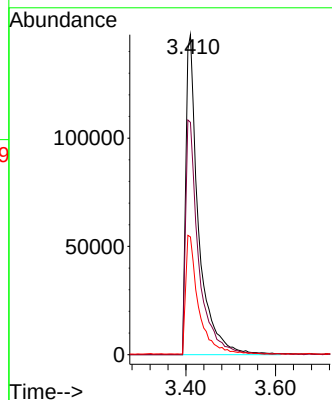
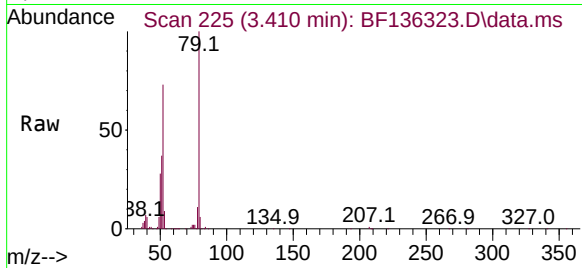




#3
 Pyridine
 Concen: 34.978 ng
 RT: 3.410 min Scan# 216
 Delta R.T. 0.053 min
 Lab File: BF136323.D
 Acq: 30 Nov 2023 20:13

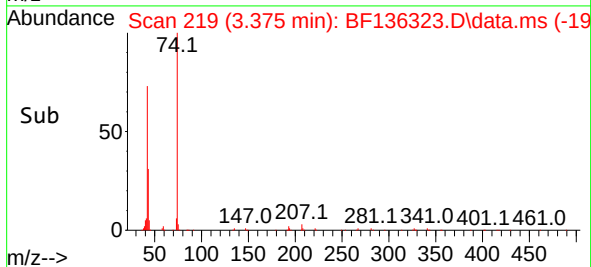
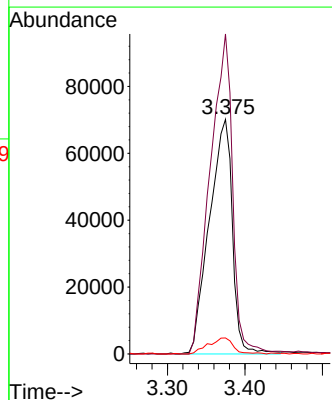
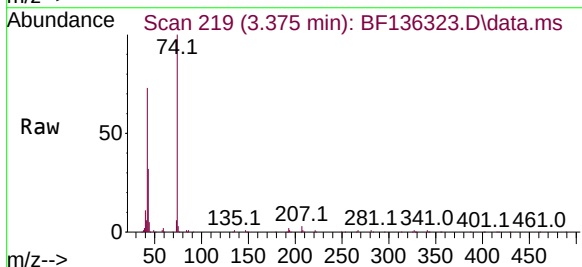
Instrument :
 BNA_F
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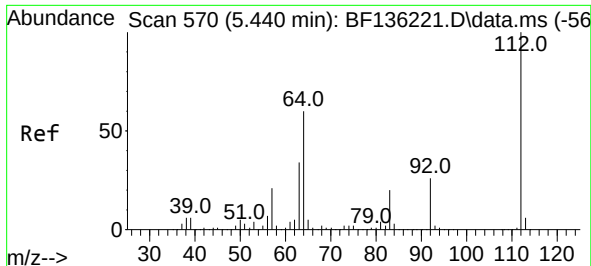
Tgt Ion: 79 Resp: 289967
 Ion Ratio Lower Upper
 79 100
 52 72.6 63.2 94.8
 51 36.8 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 34.697 ng
 RT: 3.375 min Scan# 219
 Delta R.T. 0.047 min
 Lab File: BF136323.D
 Acq: 30 Nov 2023 20:13

Tgt Ion: 42 Resp: 145397
 Ion Ratio Lower Upper
 42 100
 74 136.4 96.6 144.8
 44 6.9 5.4 8.2

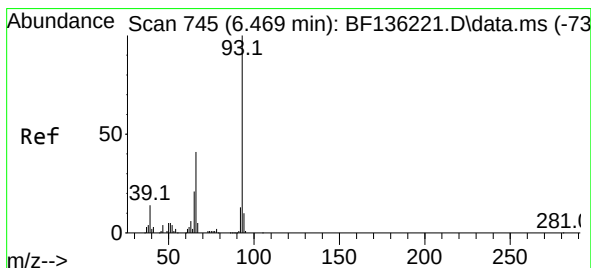
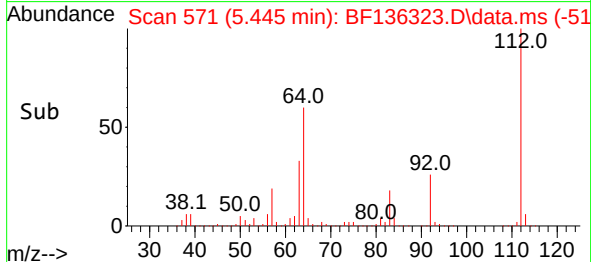
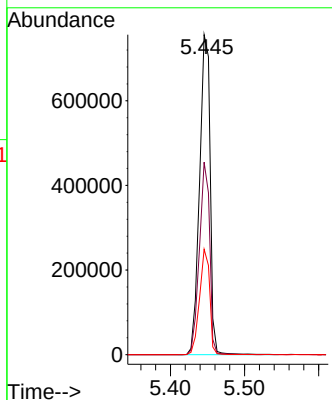
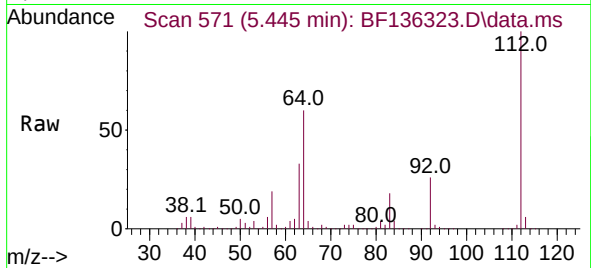




#5
2-Fluorophenol
Concen: 84.597 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

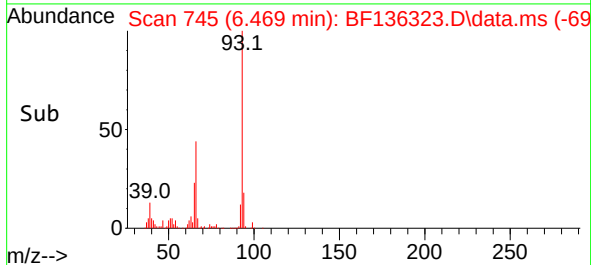
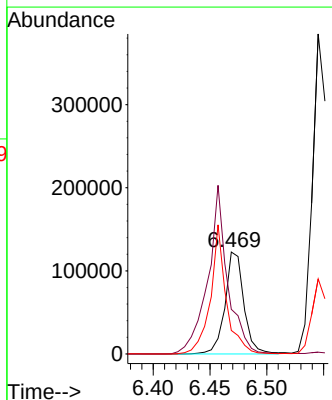
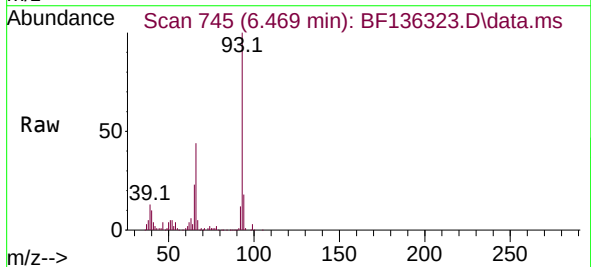
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BNA_F
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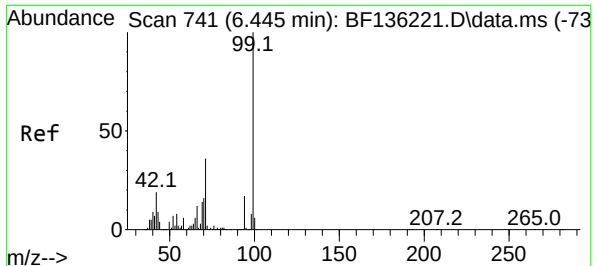
Tgt Ion:112 Resp: 750851
Ion Ratio Lower Upper
112 100
64 60.2 48.2 72.4
63 32.9 27.0 40.6



#6
Aniline
Concen: 13.526 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Tgt Ion: 93 Resp: 141875
Ion Ratio Lower Upper
93 100
66 43.9 34.1 51.1
65 23.0 17.3 25.9





#7

Phenol-d6

Concen: 81.244 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

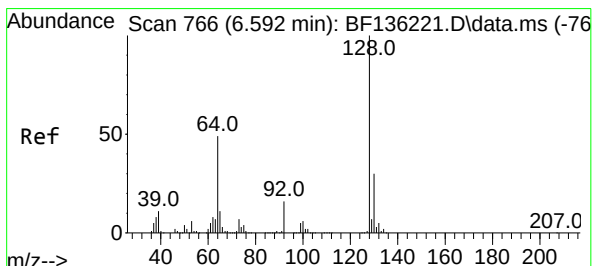
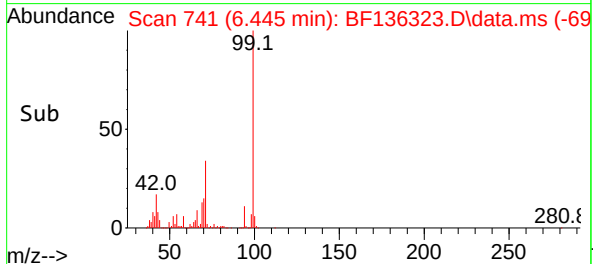
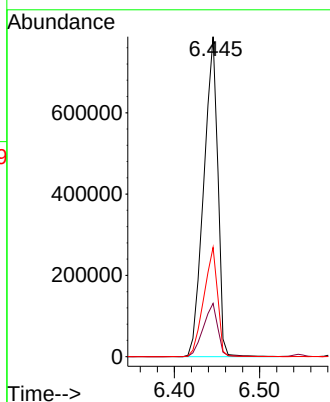
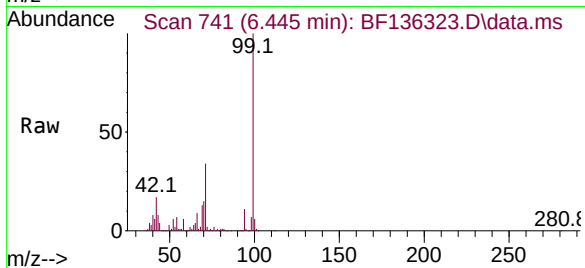
Tgt Ion: 99 Resp: 901626

Ion Ratio Lower Upper

99 100

42 16.7 15.0 22.6

71 34.2 28.9 43.3



#8

2-Chlorophenol

Concen: 37.275 ng

RT: 6.592 min Scan# 766

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

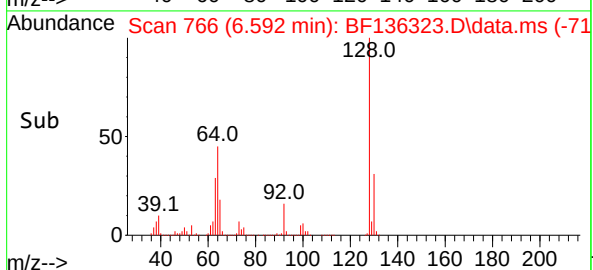
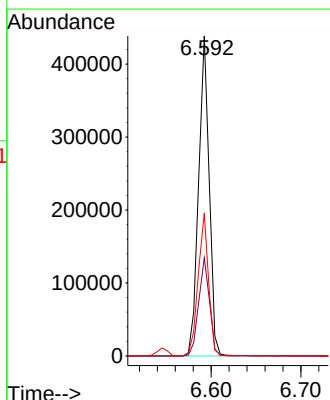
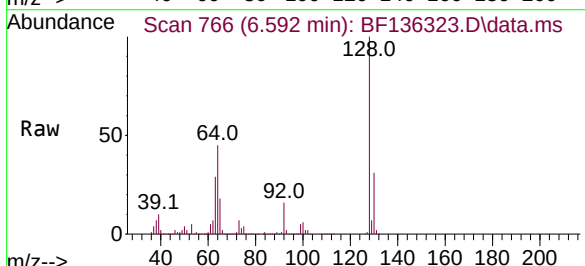
Tgt Ion: 128 Resp: 360231

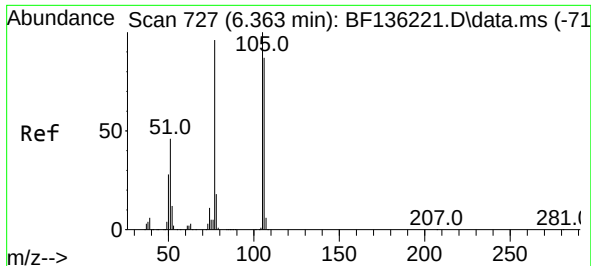
Ion Ratio Lower Upper

128 100

130 30.6 10.3 50.3

64 44.6 30.0 70.0





#9

Benzaldehyde

Concen: 26.795 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.000 min

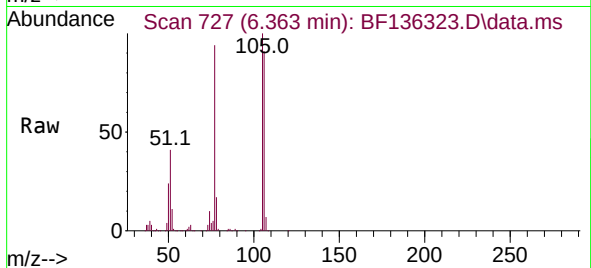
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Acq: 30 Nov 2023 20:13

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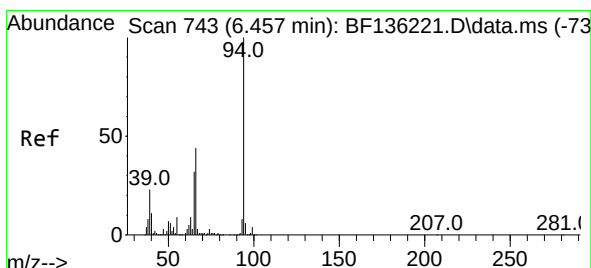
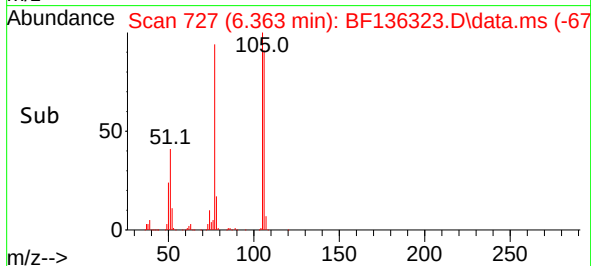
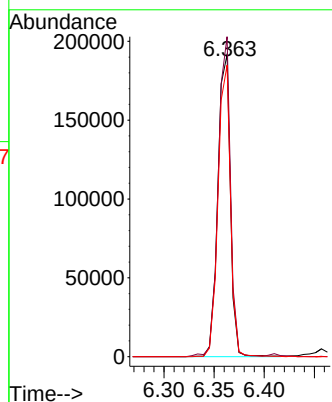
Tgt Ion: 77 Resp: 165736

Ion Ratio Lower Upper

77 100

105 105.9 84.3 124.3

106 96.5 71.0 111.0



#10

Phenol

Concen: 35.169 ng

RT: 6.457 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

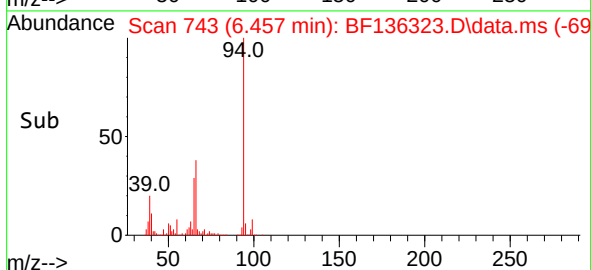
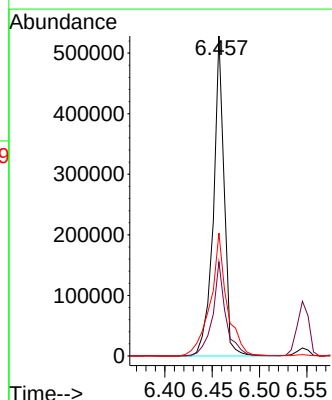
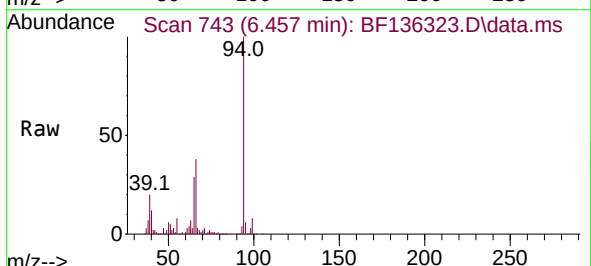
Tgt Ion: 94 Resp: 418722

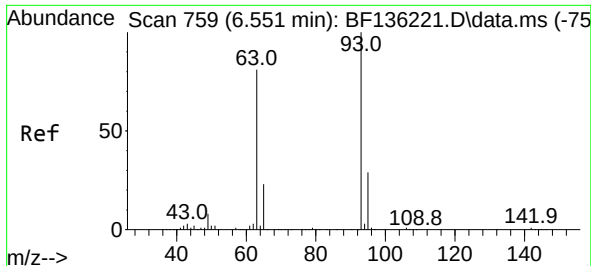
Ion Ratio Lower Upper

94 100

65 29.4 12.5 52.5

66 38.4 24.1 64.1

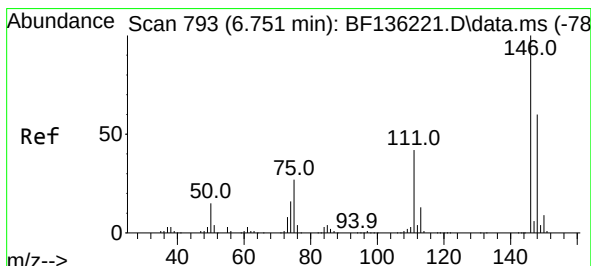
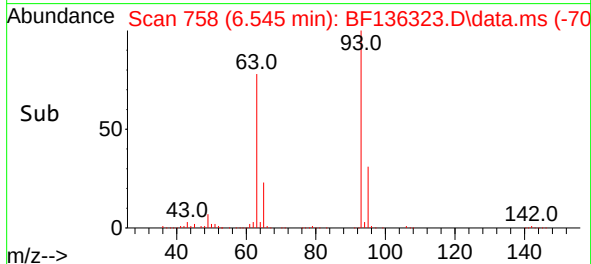
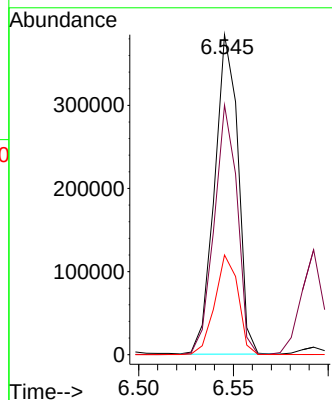
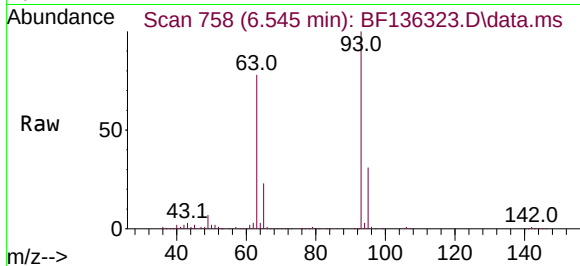




#11
bis(2-Chloroethyl)ether
Concen: 37.957 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

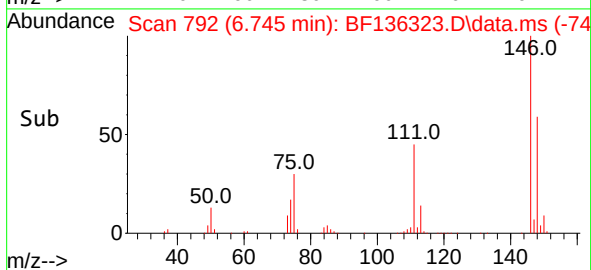
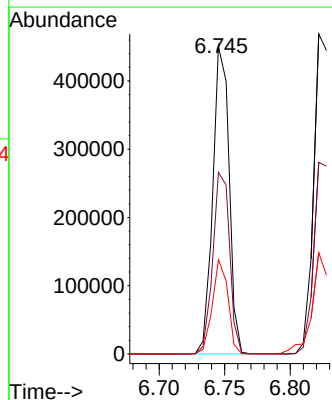
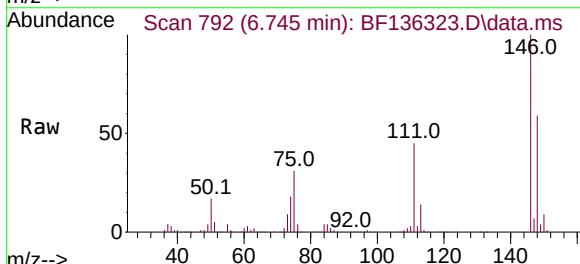
Instrument :
BNA_F
ClientSampleId :

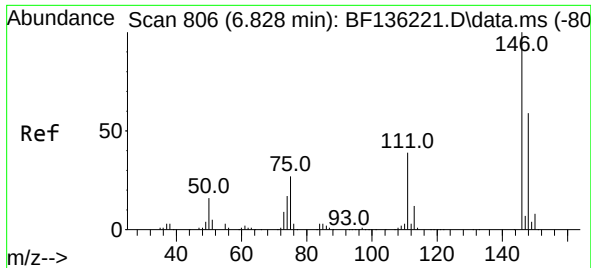
Tgt Ion: 93 Resp: 331532
Ion Ratio Lower Upper
93 100
63 78.0 60.2 100.2
95 31.1 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 35.555 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Tgt Ion:146 Resp: 389936
Ion Ratio Lower Upper
146 100
148 59.0 47.8 71.6
75 30.6 22.0 33.0

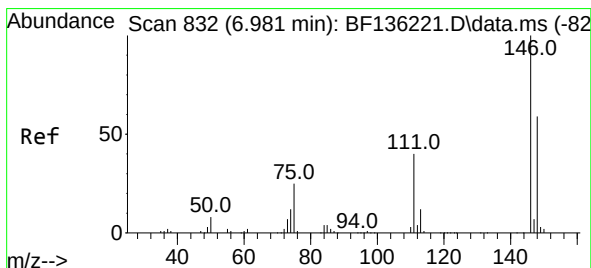
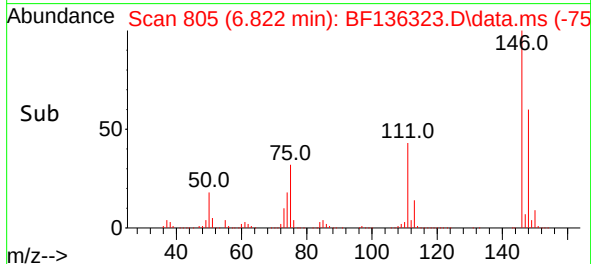
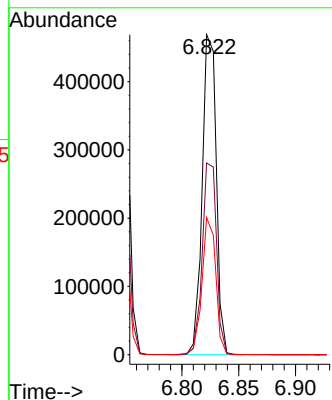
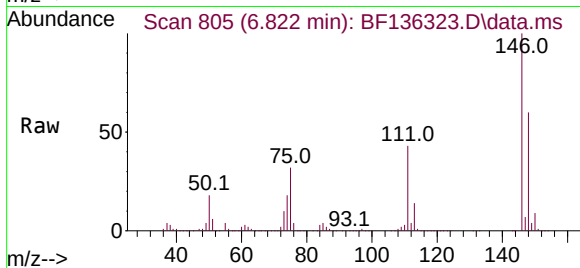




#13
1,4-Dichlorobenzene
Concen: 36.360 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

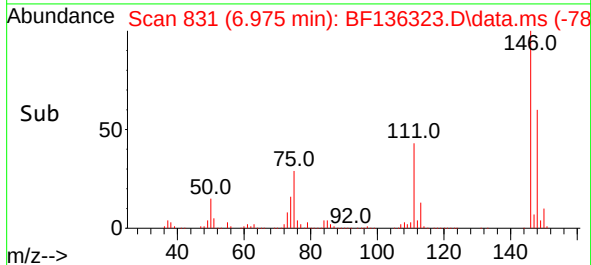
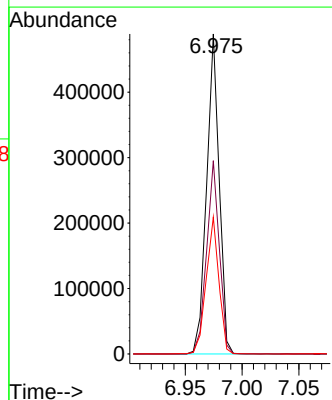
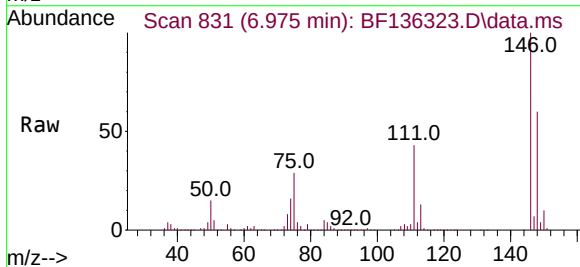
Instrument :
BNA_F
ClientSampleId :

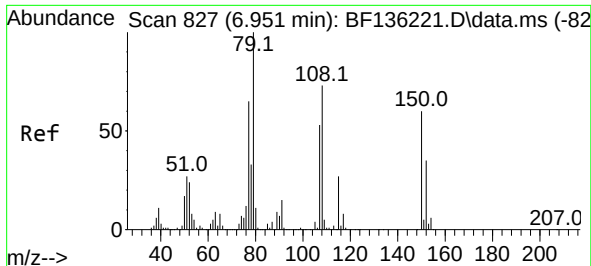
Tgt Ion:146 Resp: 405376
Ion Ratio Lower Upper
146 100
148 59.9 47.0 70.6
111 42.9 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 35.574 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

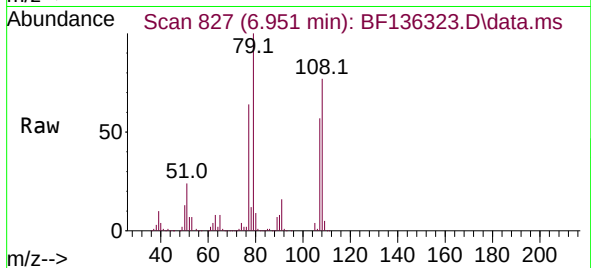
Tgt Ion:146 Resp: 375476
Ion Ratio Lower Upper
146 100
148 60.4 47.3 70.9
111 42.7 32.4 48.6



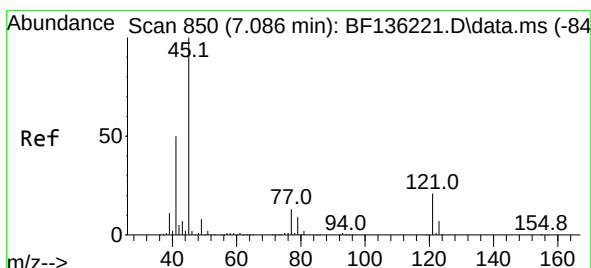
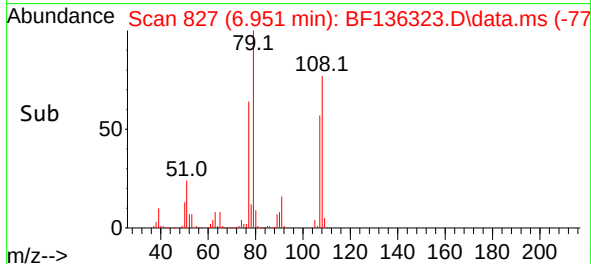
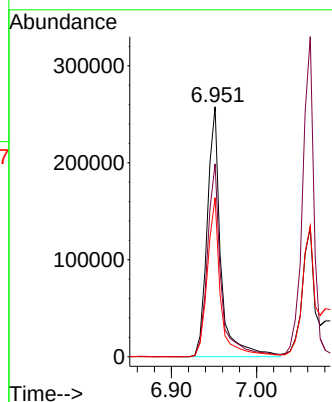


#15
Benzyl Alcohol
Concen: 36.512 ng
RT: 6.951 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Instrument :
BNA_F
ClientSampleId :

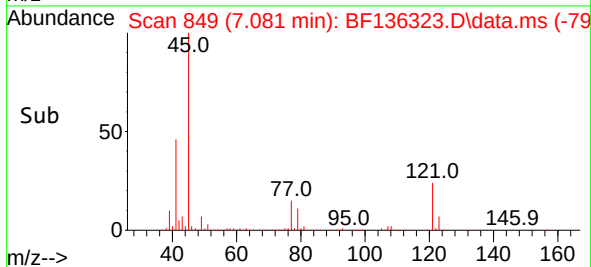
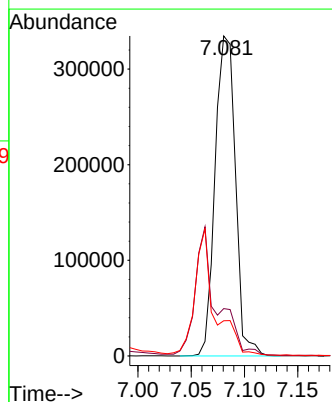
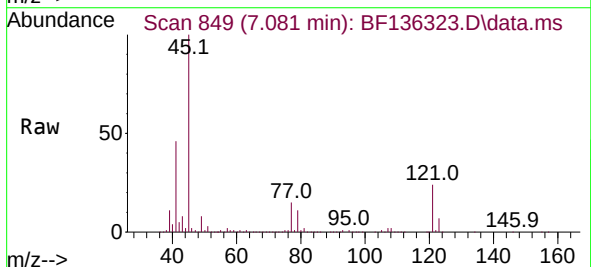


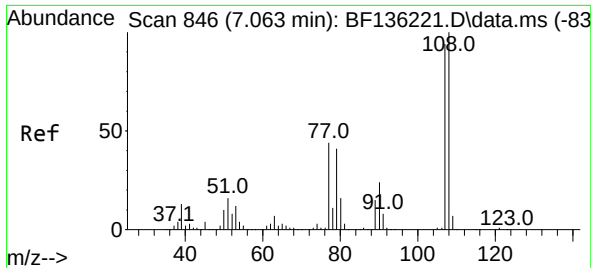
Tgt Ion: 79 Resp: 284094
Ion Ratio Lower Upper
79 100
108 77.1 58.1 87.1
77 63.6 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.555 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

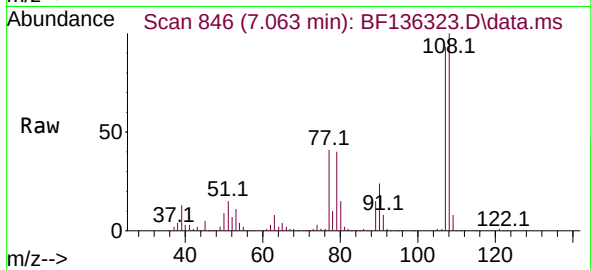
Tgt Ion: 45 Resp: 443485
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.0
79 11.0 0.0 30.1



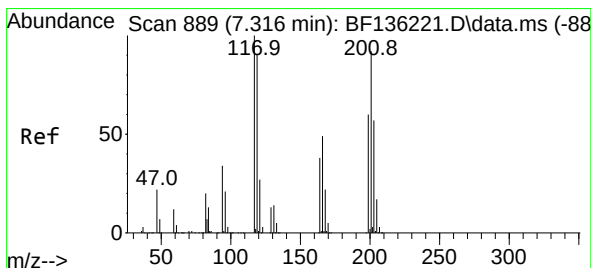
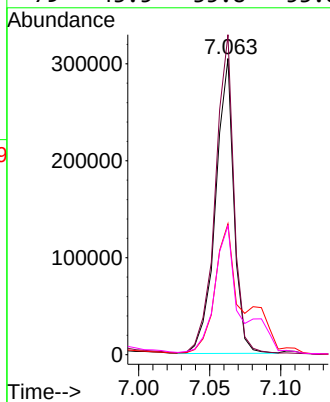
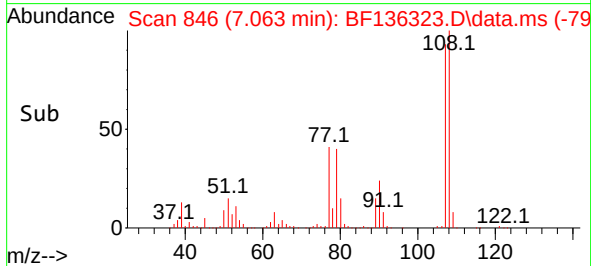


#17
2-Methylphenol
Concen: 35.938 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Instrument :
BNA_F
ClientSampleId :

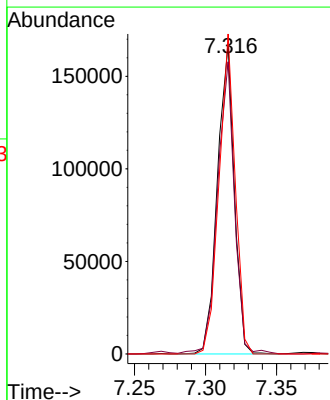
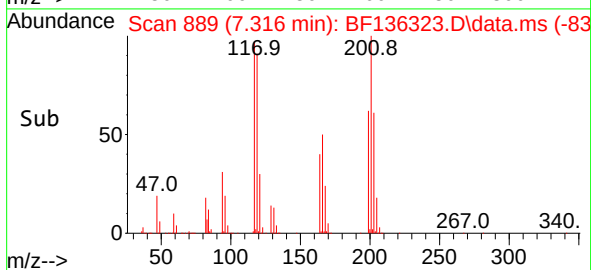
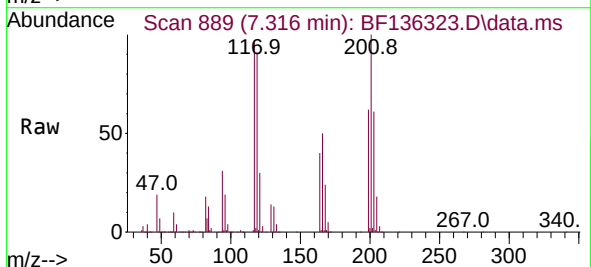


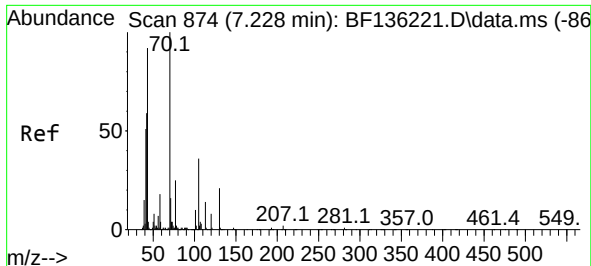
Tgt Ion:	107	Resp:	273048
Ion	Ratio	Lower	Upper
107	100		
108	108.0	85.4	128.0
77	44.2	37.4	56.2
79	43.5	35.8	53.8



#18
Hexachloroethane
Concen: 35.150 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Tgt Ion:	117	Resp:	137460
Ion	Ratio	Lower	Upper
117	100		
119	94.5	71.6	107.4
201	103.4	73.4	110.2

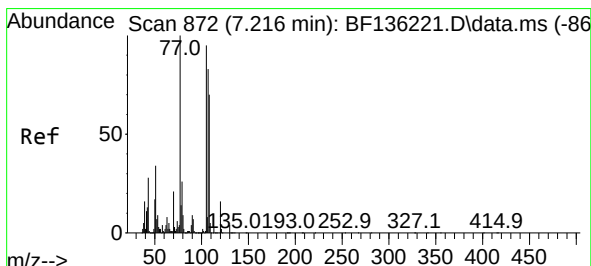
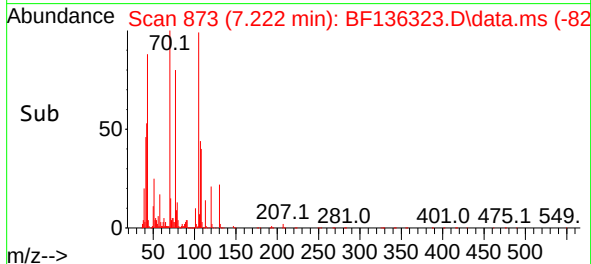
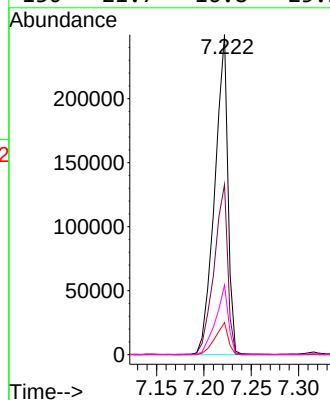
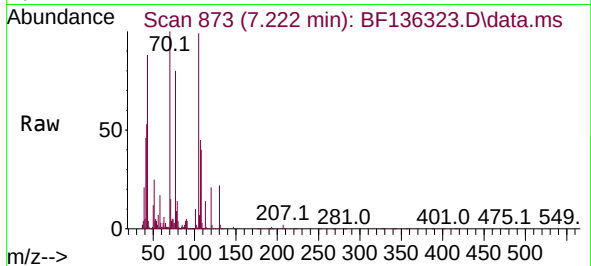




#19
n-Nitroso-di-n-propylamine
Concen: 36.405 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

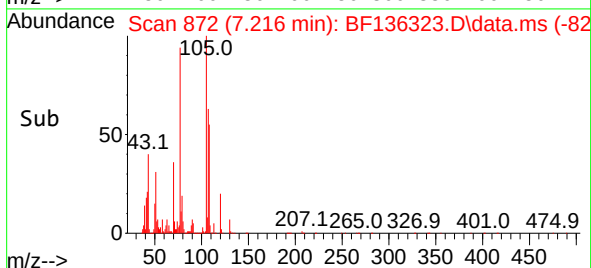
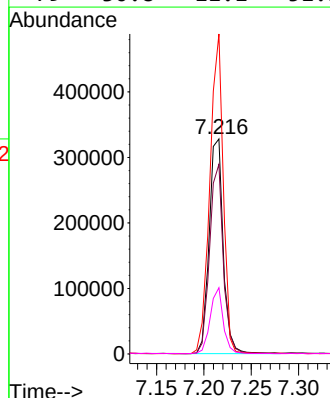
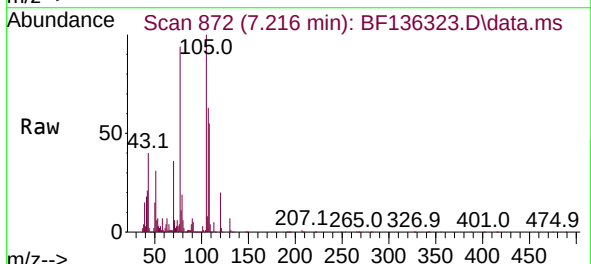
Instrument :
BNA_F
ClientSampleId :

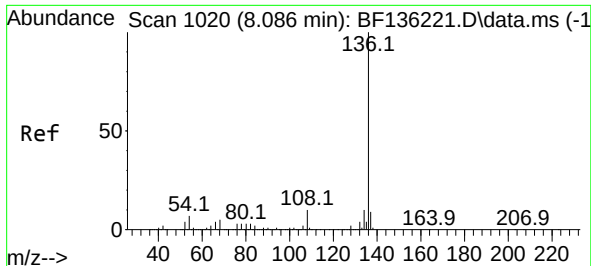
Tgt Ion: 70 Resp: 241635
Ion Ratio Lower Upper
70 100
42 53.2 47.0 70.4
101 10.0 7.8 11.8
130 21.7 16.8 25.2



#20
3+4-Methylphenols
Concen: 34.263 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

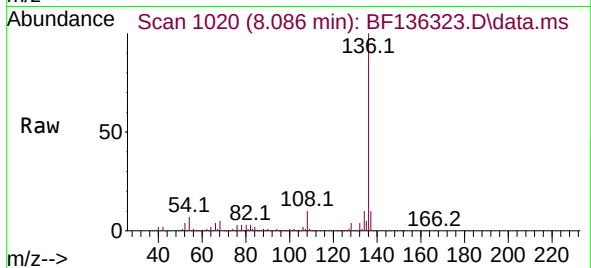
Tgt Ion: 107 Resp: 338320
Ion Ratio Lower Upper
107 100
108 88.2 63.9 103.9
77 148.8 100.2 140.2#
79 30.8 11.1 51.1



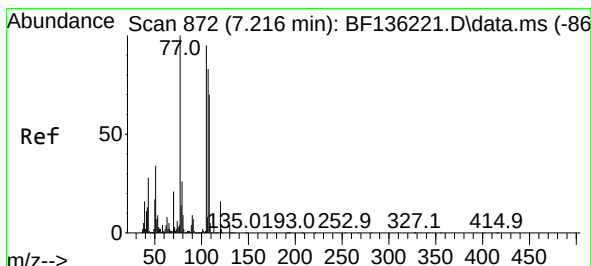
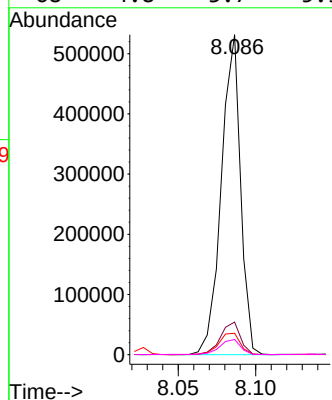
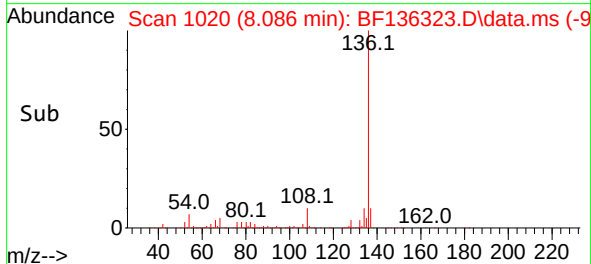


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Instrument :
BNA_F
ClientSampleId :

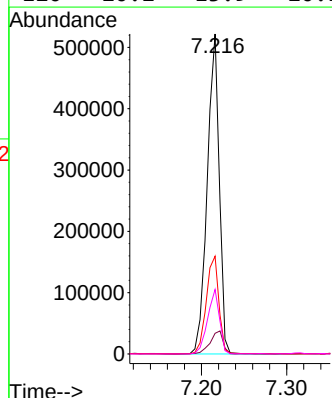
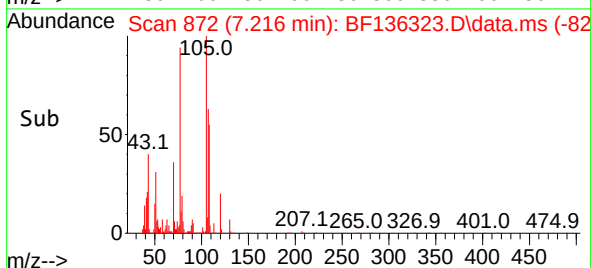
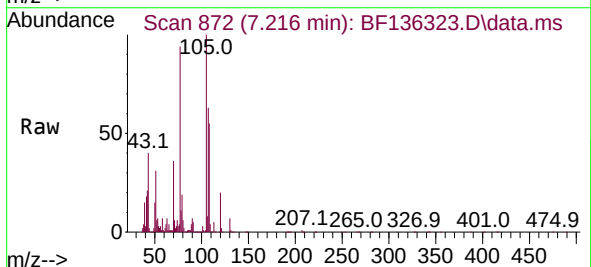


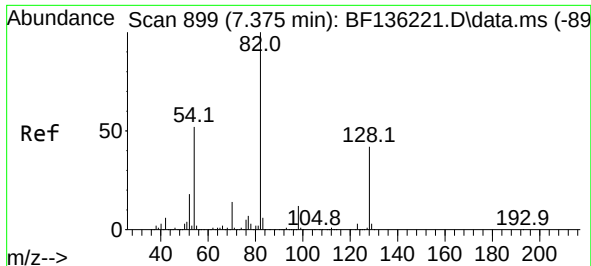
Tgt Ion:136 Resp: 458519
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 6.7 5.5 8.3
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 42.472 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Tgt Ion:105 Resp: 511455
Ion Ratio Lower Upper
105 100
71 6.4 2.8 4.2#
51 30.5 29.0 43.6
120 20.2 13.9 20.9





#23

Nitrobenzene-d5

Concen: 63.705 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

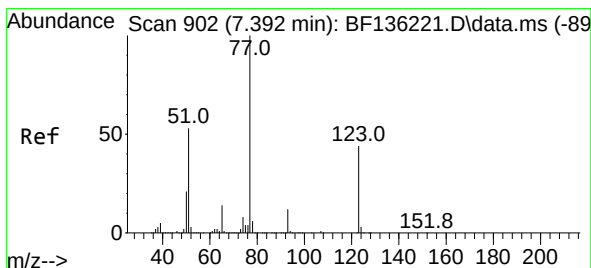
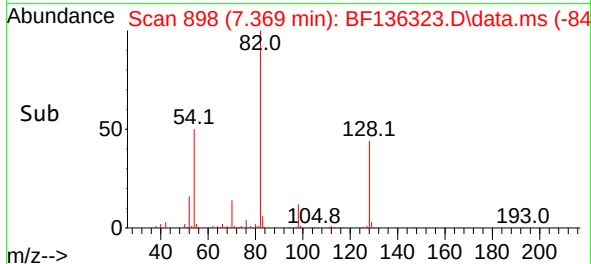
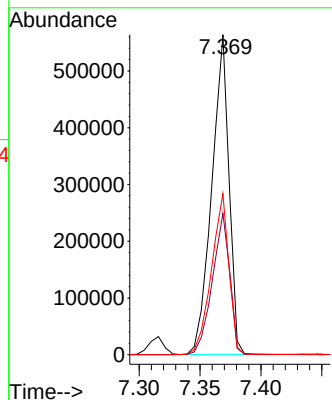
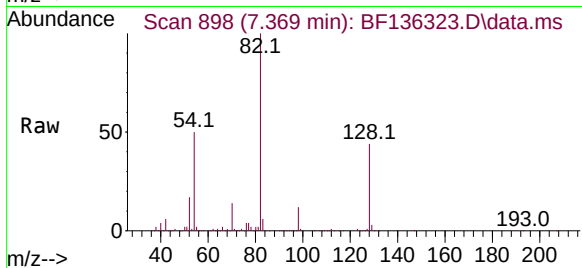
Tgt Ion: 82 Resp: 552769

Ion Ratio Lower Upper

82 100

128 44.1 33.4 50.2

54 50.3 41.7 62.5



#24

Nitrobenzene

Concen: 38.828 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

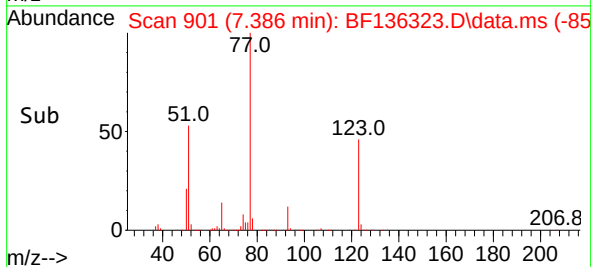
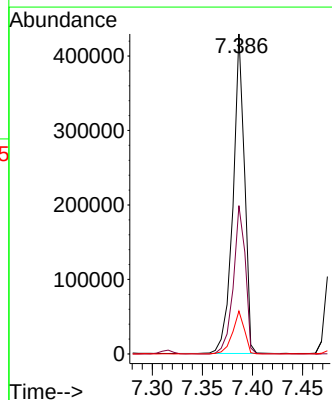
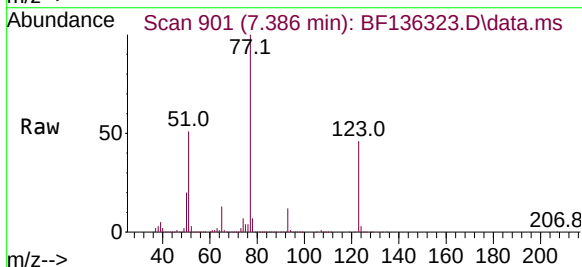
Tgt Ion: 77 Resp: 341420

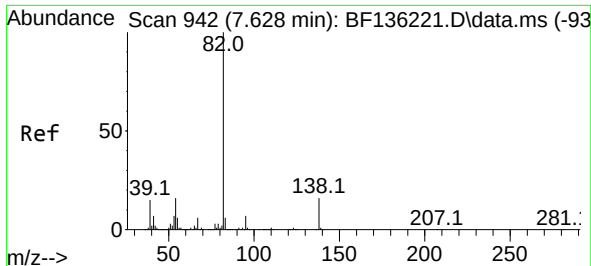
Ion Ratio Lower Upper

77 100

123 46.3 35.4 53.2

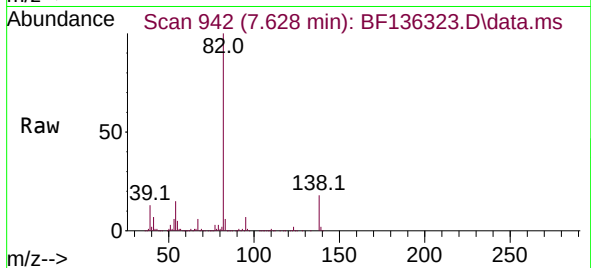
65 13.4 11.0 16.6



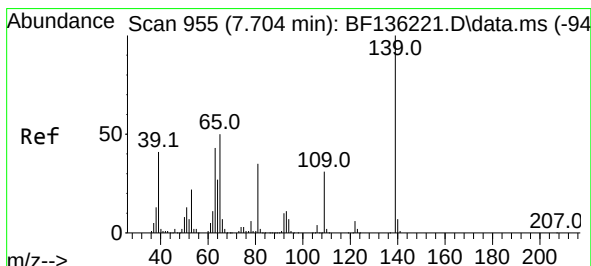
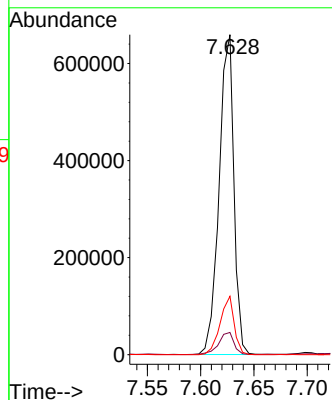
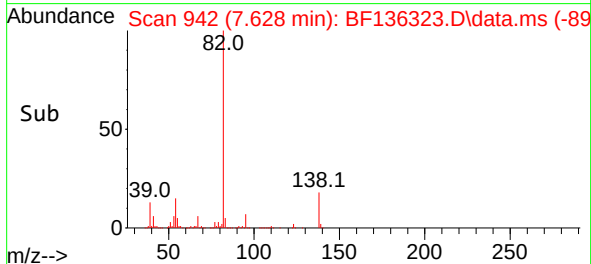


#25
Isophorone
Concen: 40.543 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Instrument :
BNA_F
ClientSampleId :

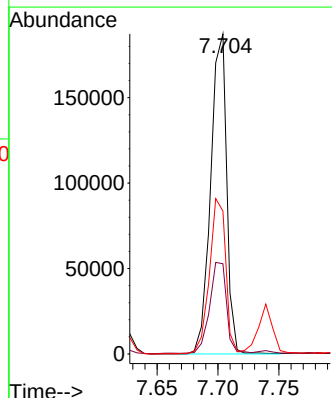
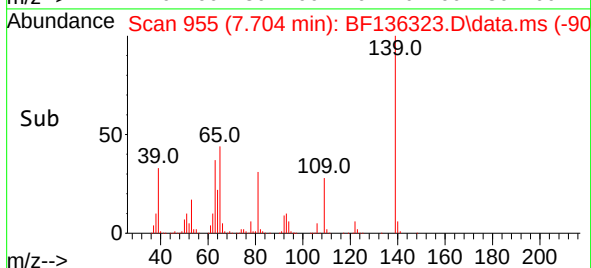
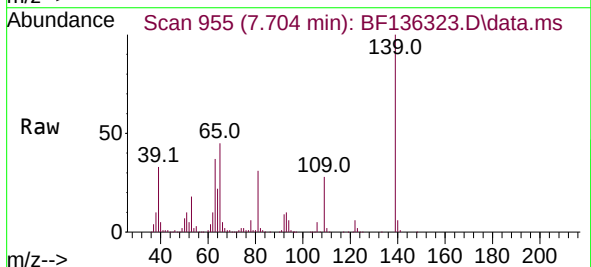


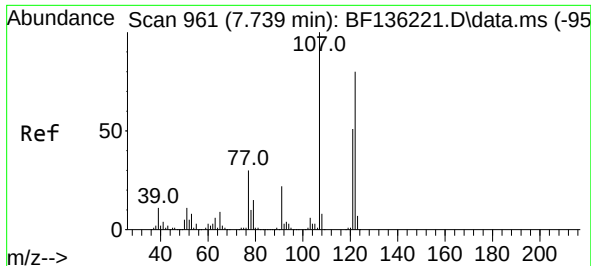
Tgt Ion: 82 Resp: 634325
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.3 12.8 19.2



#26
2-Nitrophenol
Concen: 45.898 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Tgt Ion: 139 Resp: 171957
Ion Ratio Lower Upper
139 100
109 28.2 25.0 37.6
65 44.6 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 49.574 ng

RT: 7.739 min Scan# 961

Delta R.T. -0.000 min

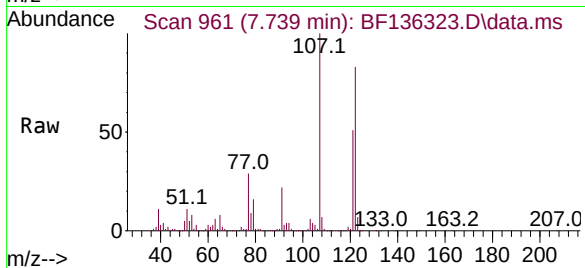
Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :



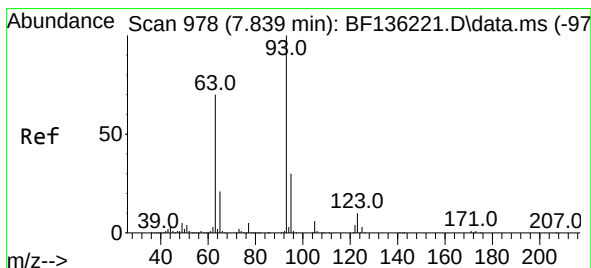
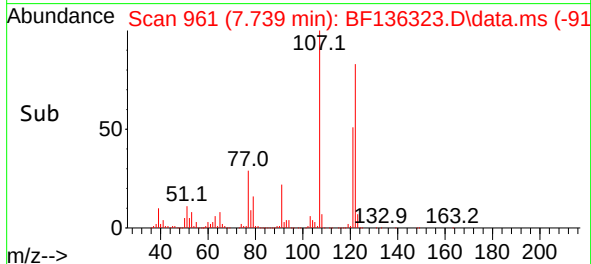
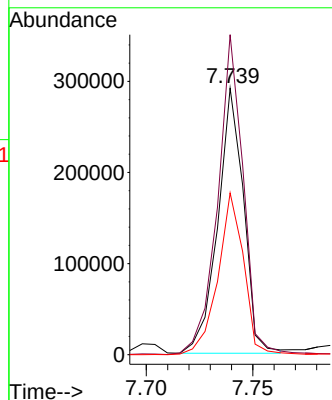
Tgt Ion:122 Resp: 244462

Ion Ratio Lower Upper

122 100

107 120.0 100.0 150.0

121 60.7 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.657 ng

RT: 7.839 min Scan# 978

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

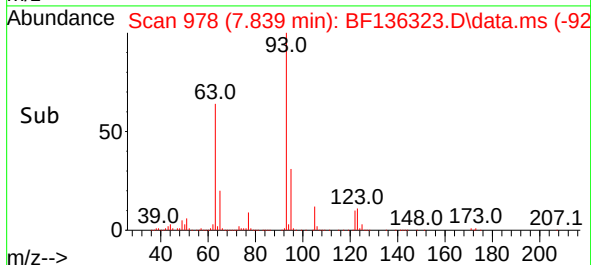
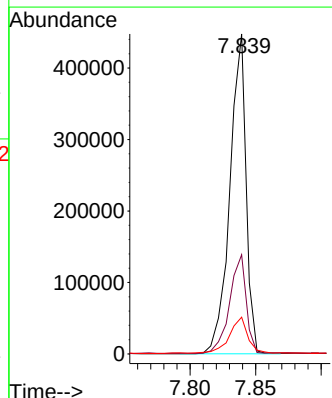
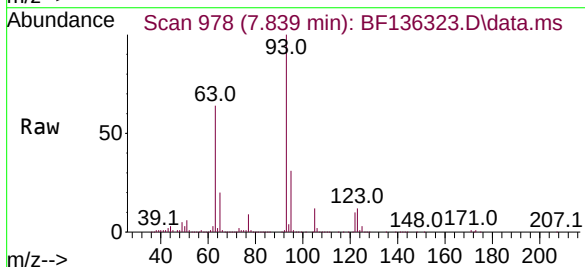
Tgt Ion: 93 Resp: 384772

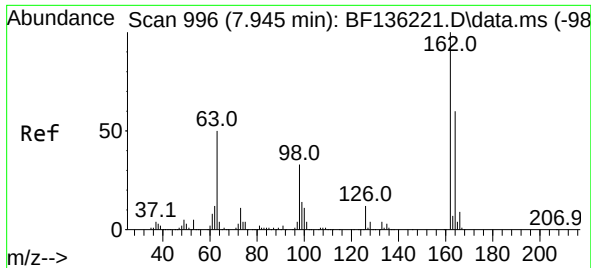
Ion Ratio Lower Upper

93 100

95 31.0 23.8 35.6

123 11.5 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 40.001 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.000 min

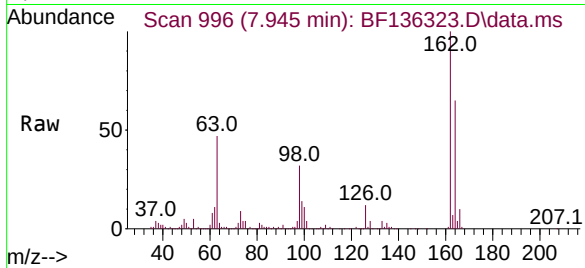
Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

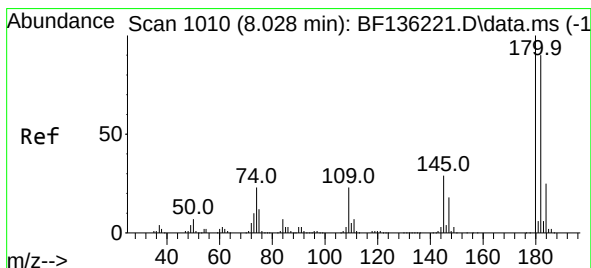
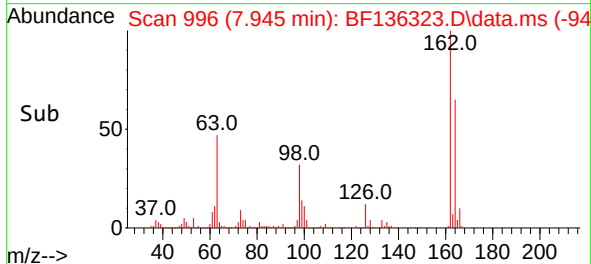
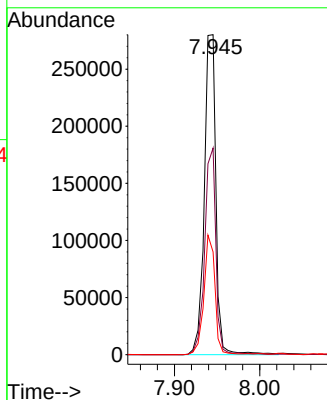
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	162	Resp:	266061
Ion Ratio	Lower	Upper	
162	100		
164	64.6	40.3	80.3
98	32.1	13.0	53.0



#30

1,2,4-Trichlorobenzene

Concen: 39.179 ng

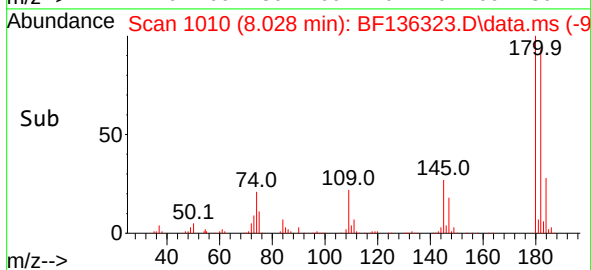
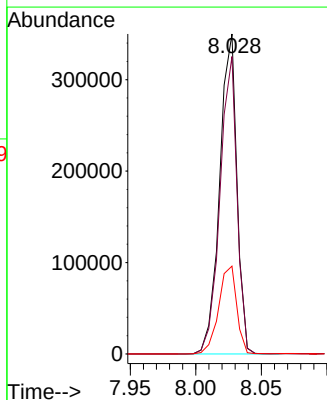
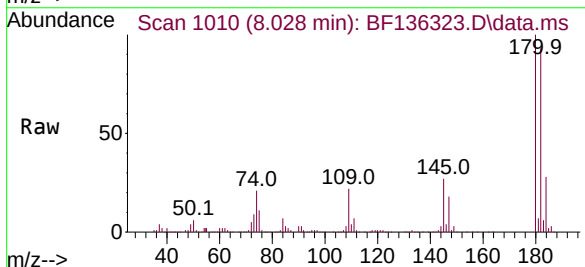
RT: 8.028 min Scan# 1010

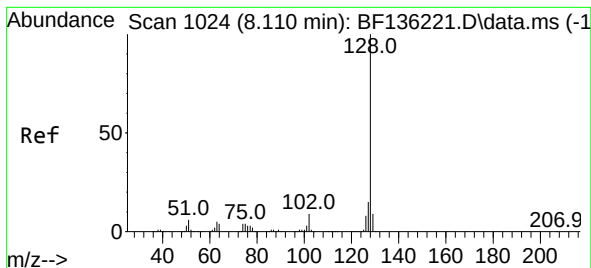
Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Tgt Ion:	180	Resp:	319046
Ion Ratio	Lower	Upper	
180	100		
182	93.0	71.6	107.4
145	27.4	23.0	34.4





#31

Naphthalene

Concen: 38.799 ng

RT: 8.104 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

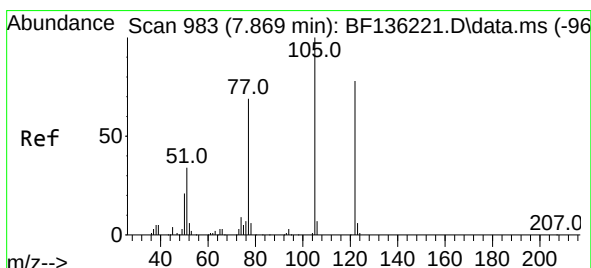
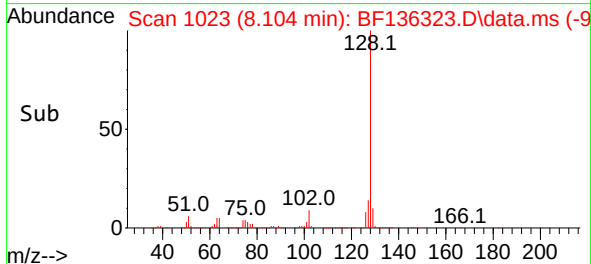
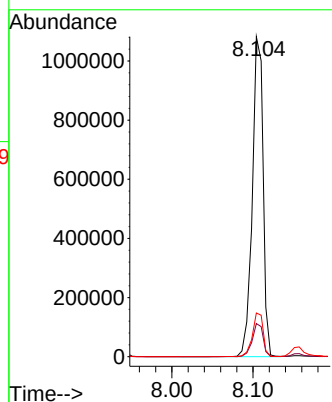
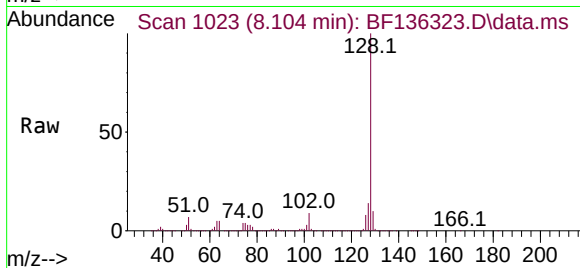
Tgt Ion:128 Resp: 999942

Ion Ratio Lower Upper

128 100

129 10.3 7.3 10.9

127 13.7 11.8 17.6



#32

Benzoic acid

Concen: 27.524 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.024 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

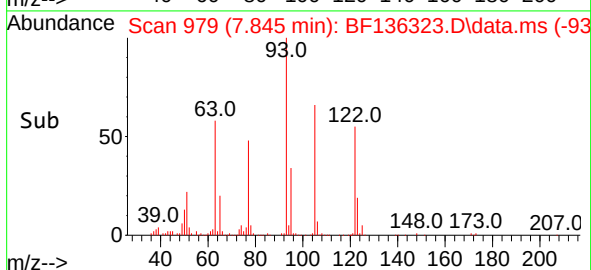
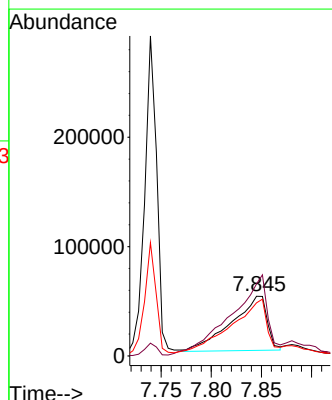
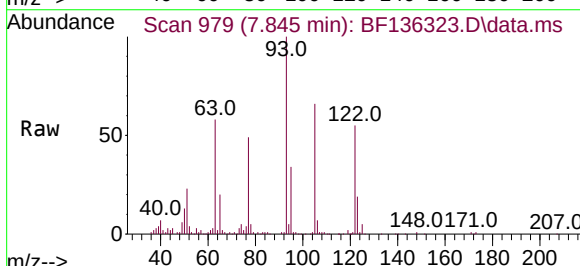
Tgt Ion:122 Resp: 123697

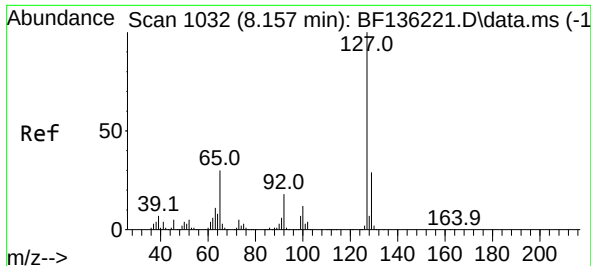
Ion Ratio Lower Upper

122 100

105 120.5 103.7 143.7

77 89.1 66.8 106.8

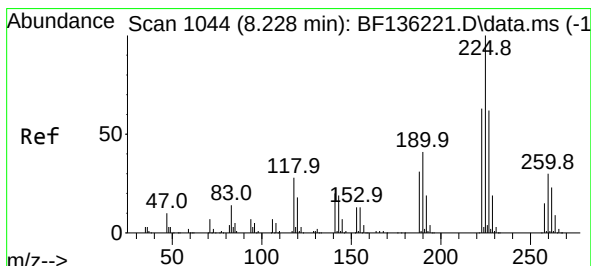
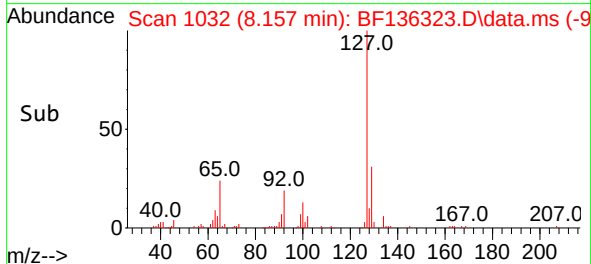
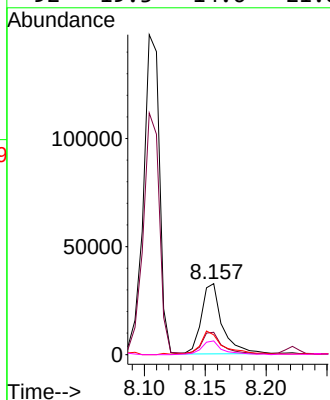
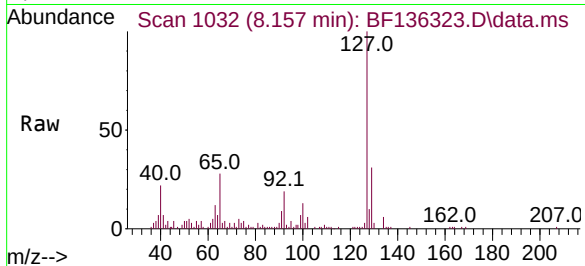




#33
4-Chloroaniline
Concen: 4.434 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

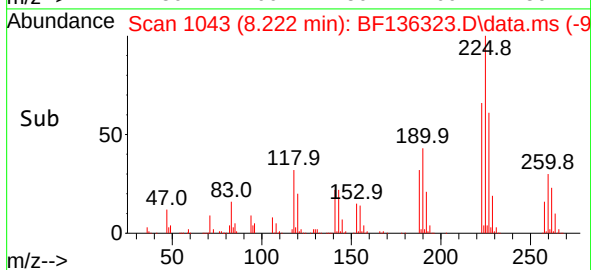
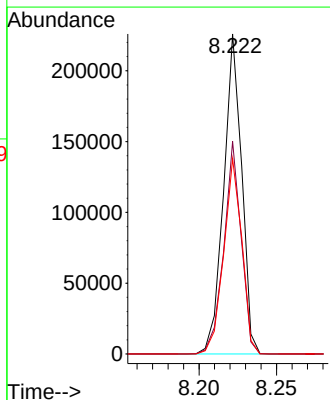
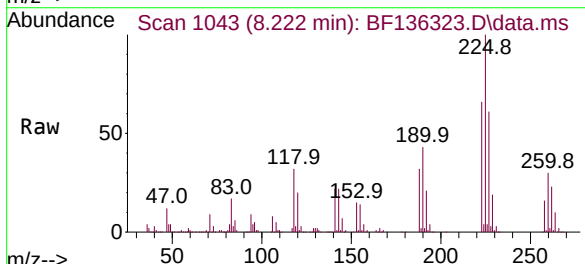
Instrument :
BNA_F
ClientSampleId :

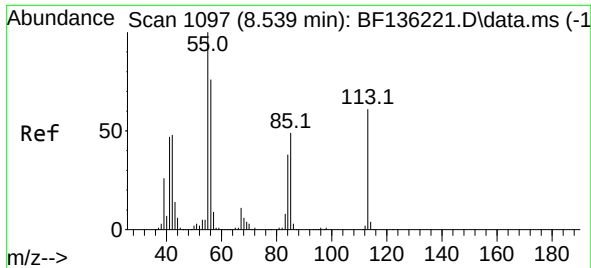
Tgt Ion:127	Resp:	38840
Ion	Ratio	Lower Upper
127	100	
129	31.5	23.4 35.2
65	28.0	23.8 35.6
92	19.3	14.6 21.8



#34
Hexachlorobutadiene
Concen: 38.296 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

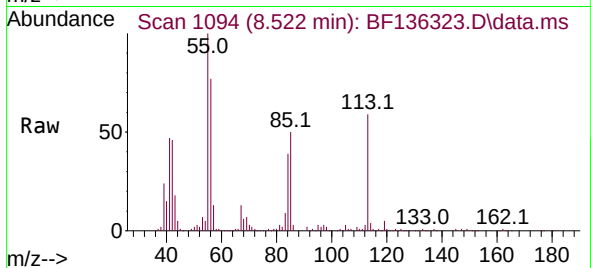
Tgt Ion:225	Resp:	182448
Ion	Ratio	Lower Upper
225	100	
223	66.4	50.6 75.8
227	61.0	49.6 74.4



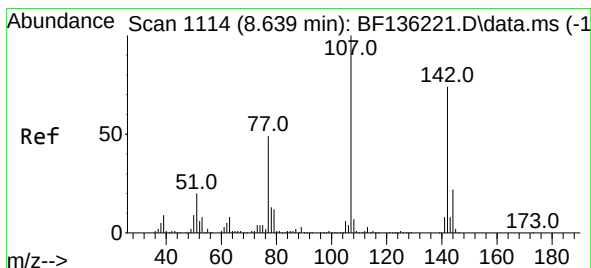
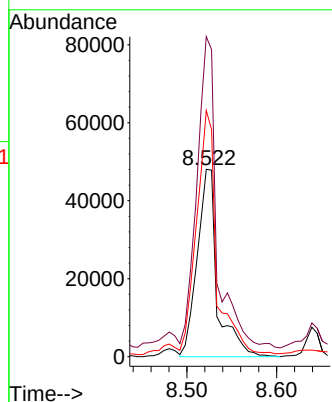
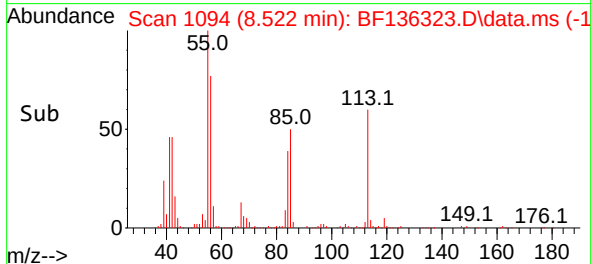


#35
 Caprolactam
 Concen: 40.147 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. -0.018 min
 Lab File: BF136323.D
 Acq: 30 Nov 2023 20:13

Instrument :
 BNA_F
 ClientSampleId :

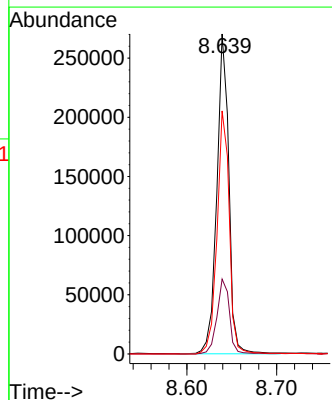
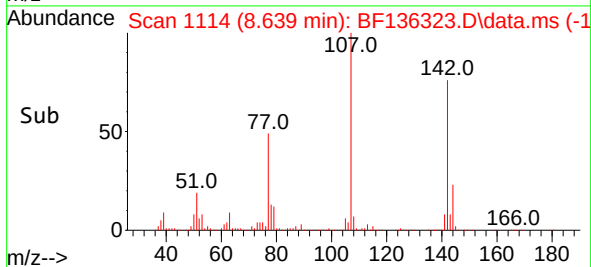
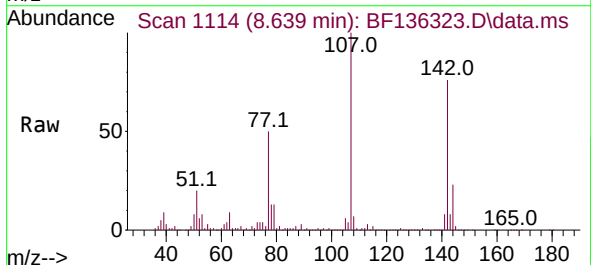


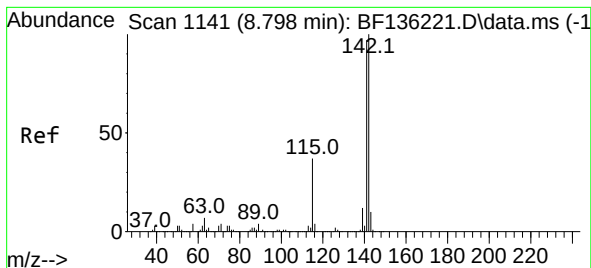
Tgt Ion:113 Resp: 74649
 Ion Ratio Lower Upper
 113 100
 55 170.8 143.1 183.1
 56 131.3 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 34.764 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. -0.000 min
 Lab File: BF136323.D
 Acq: 30 Nov 2023 20:13

Tgt Ion:107 Resp: 250784
 Ion Ratio Lower Upper
 107 100
 144 23.4 17.8 26.8
 142 75.9 59.4 89.0





#37

2-Methylnaphthalene

Concen: 36.497 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

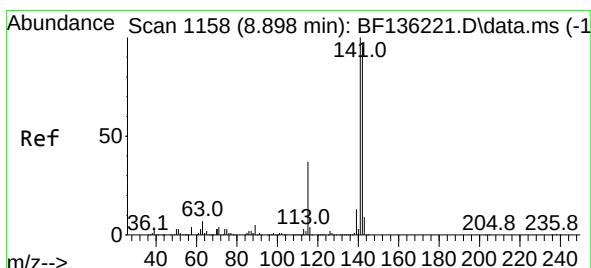
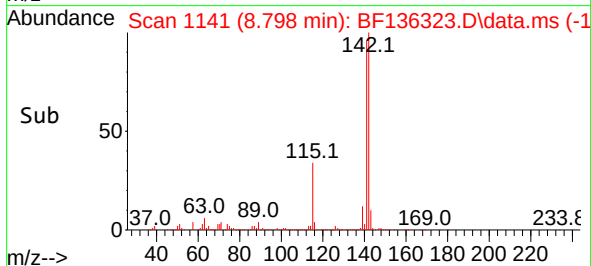
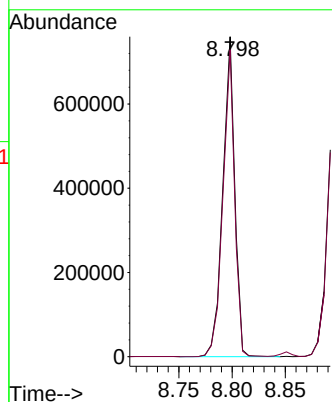
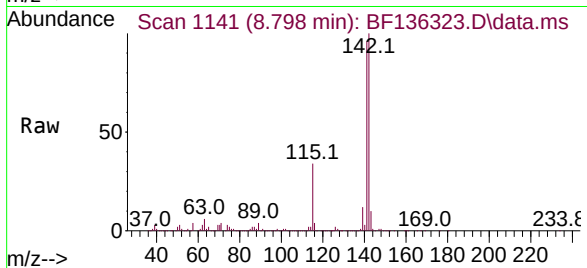
ClientSampleId :

Tgt Ion:142 Resp: 590031

Ion Ratio Lower Upper

142 100

141 96.0 77.8 116.8



#38

1-Methylnaphthalene

Concen: 35.247 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136323.D

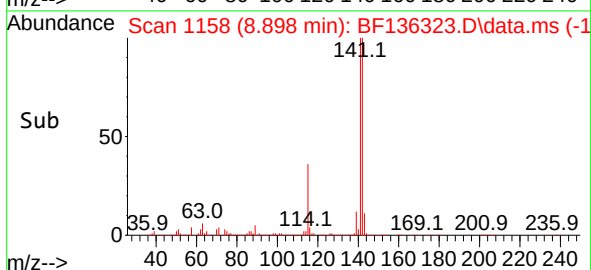
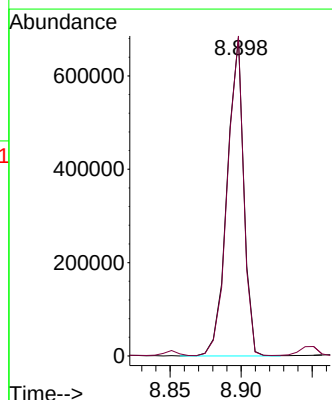
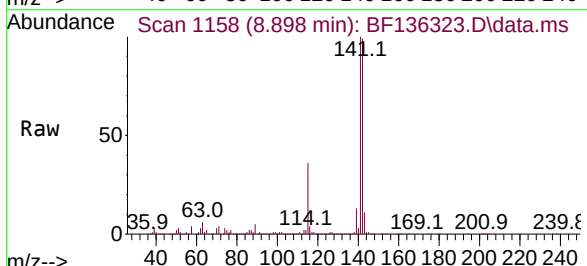
Acq: 30 Nov 2023 20:13

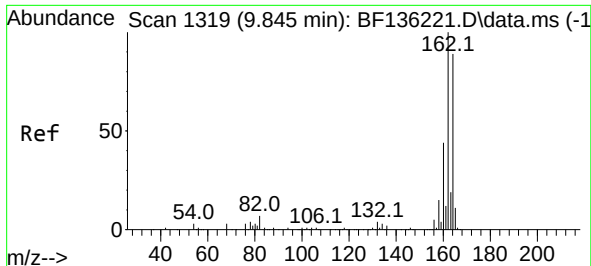
Tgt Ion:142 Resp: 555886

Ion Ratio Lower Upper

142 100

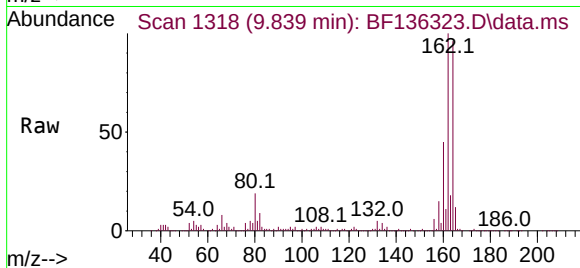
141 100.5 83.8 125.6



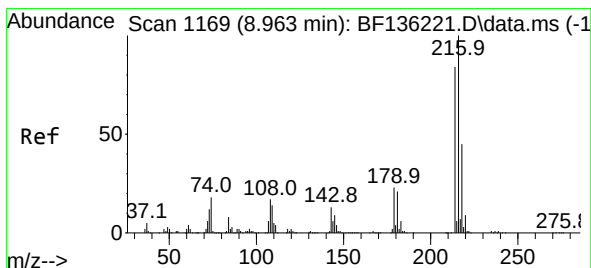
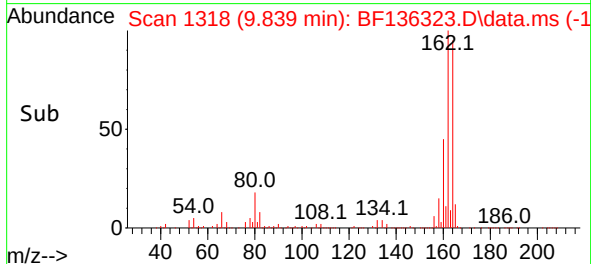
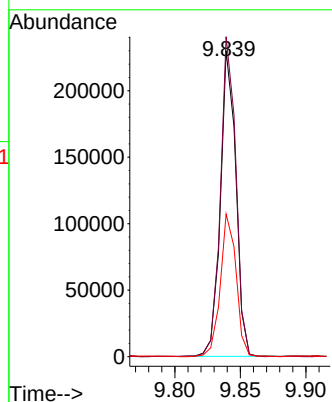


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Instrument :
BNA_F
ClientSampleId :

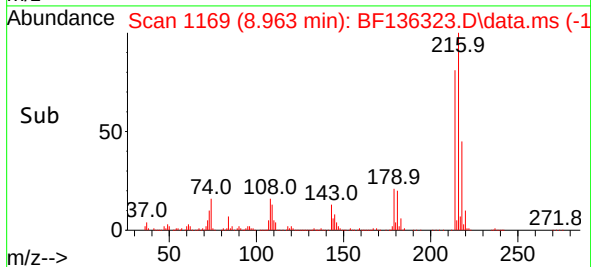
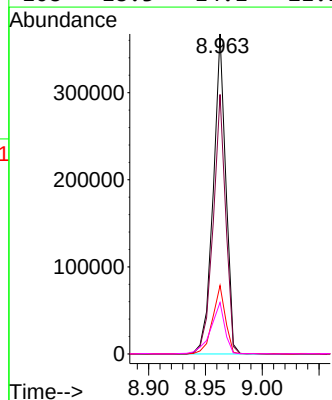
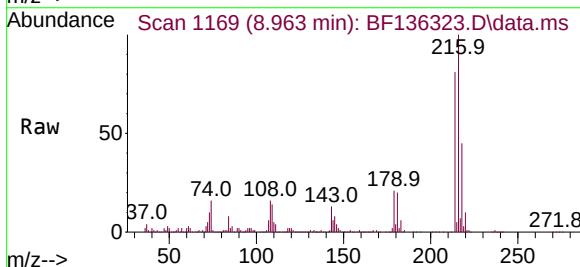


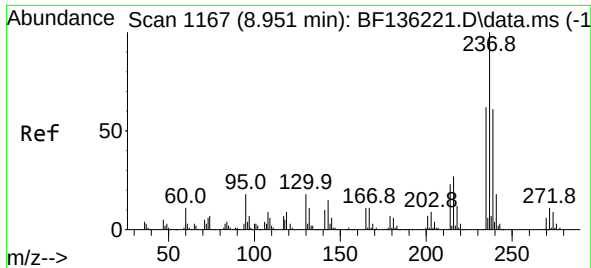
Tgt Ion:164 Resp: 187509
Ion Ratio Lower Upper
164 100
162 104.5 89.5 134.3
160 46.6 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.349 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

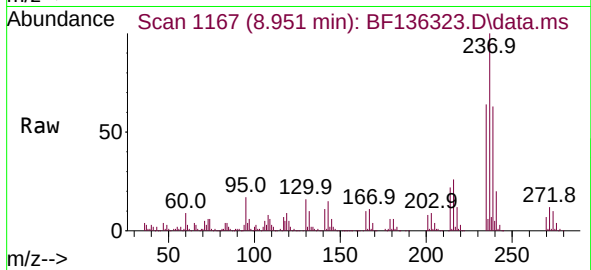
Tgt Ion:216 Resp: 282555
Ion Ratio Lower Upper
216 100
214 80.7 65.8 98.8
179 21.5 17.4 26.0
108 18.3 14.1 21.1



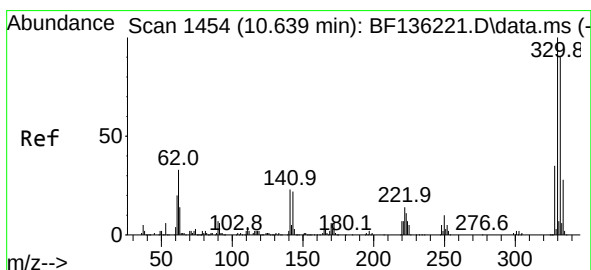
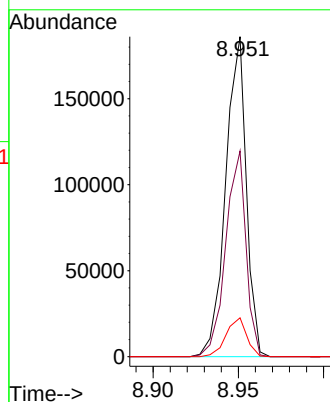
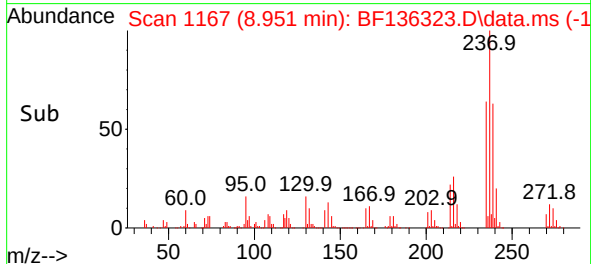


#41
Hexachlorocyclopentadiene
Concen: 68.039 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

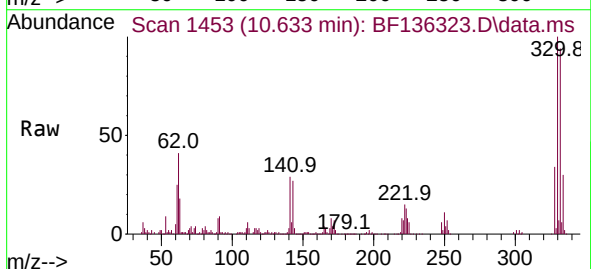
Instrument :
BNA_F
ClientSampleId :



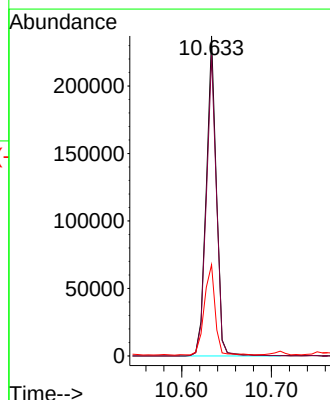
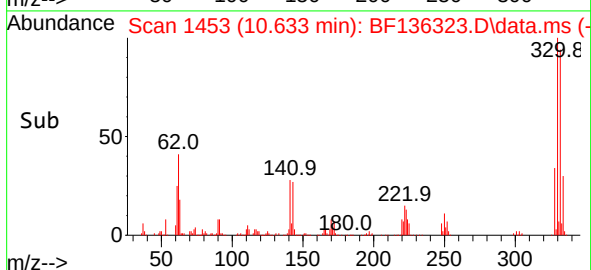
Tgt Ion:237 Resp: 156232
Ion Ratio Lower Upper
237 100
235 64.2 42.1 82.1
272 12.1 0.0 31.0

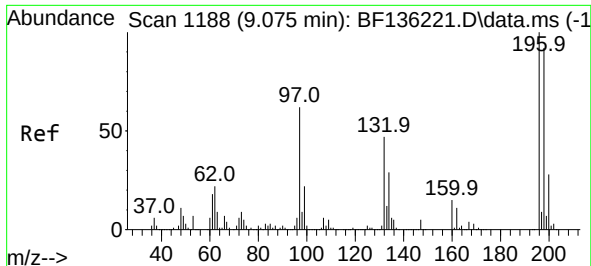


#42
2,4,6-Tribromophenol
Concen: 80.881 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13



Tgt Ion:330 Resp: 185415
Ion Ratio Lower Upper
330 100
332 94.9 73.0 109.6
141 30.4 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 43.010 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

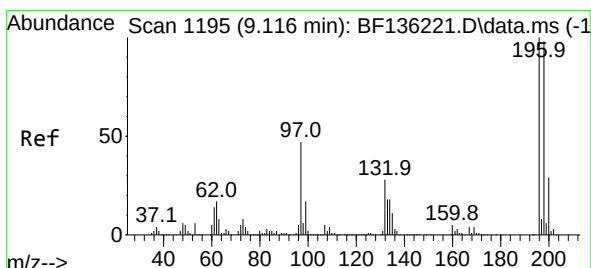
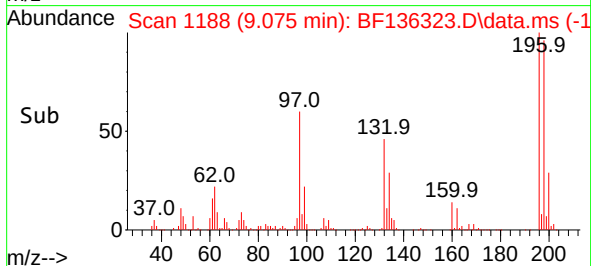
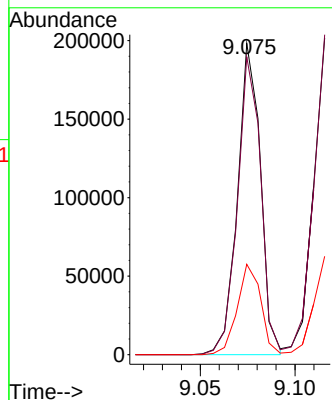
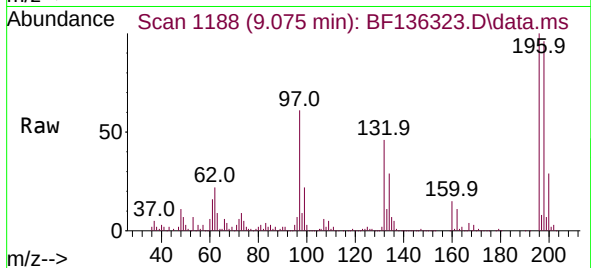
Tgt Ion:196 Resp: 166591

Ion Ratio Lower Upper

196 100

198 95.6 73.2 109.8

200 29.1 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 39.885 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Tgt Ion:196 Resp: 168589

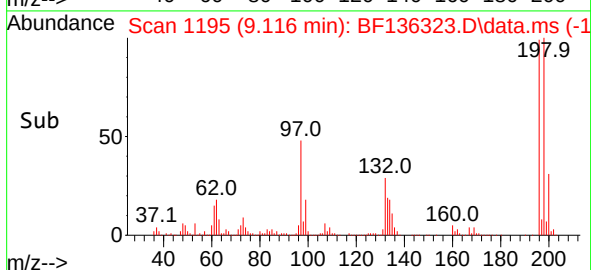
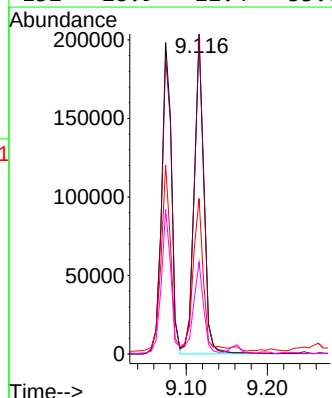
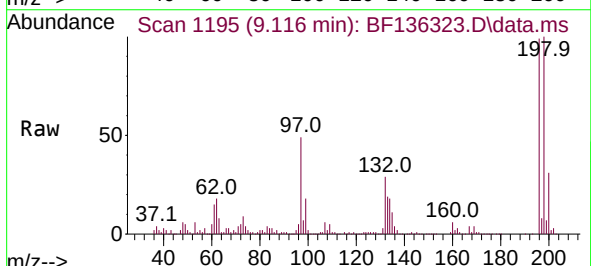
Ion Ratio Lower Upper

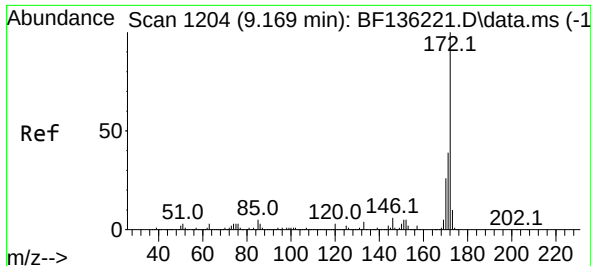
196 100

198 101.0 78.8 118.2

97 49.1 37.8 56.8

132 28.9 22.4 33.6

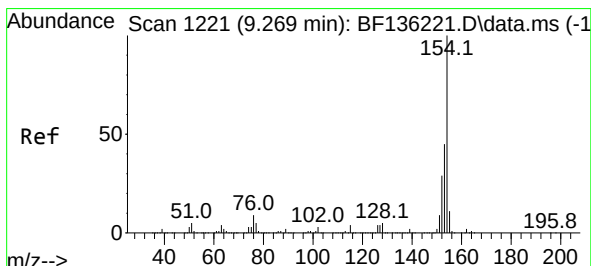
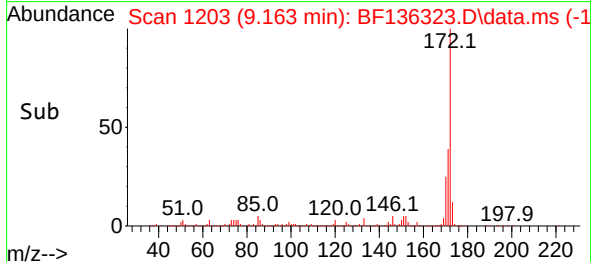
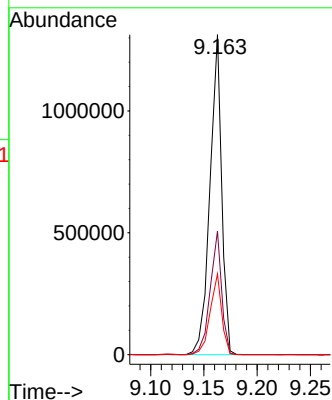
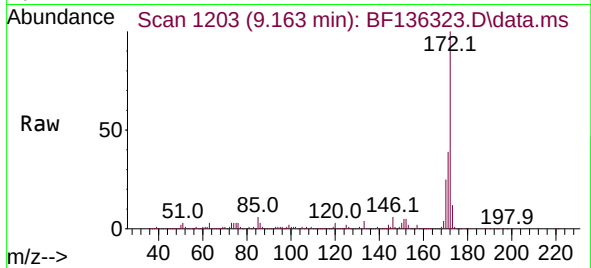




#45
2-Fluorobiphenyl
Concen: 68.871 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

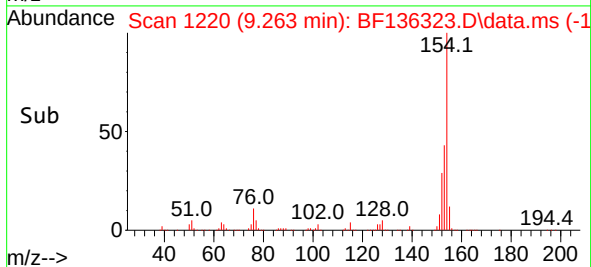
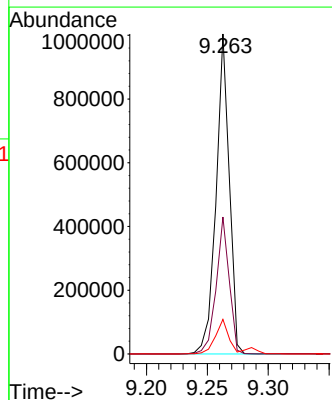
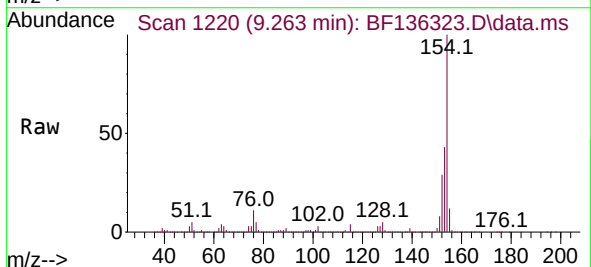
Instrument :
BNA_F
ClientSampleId :

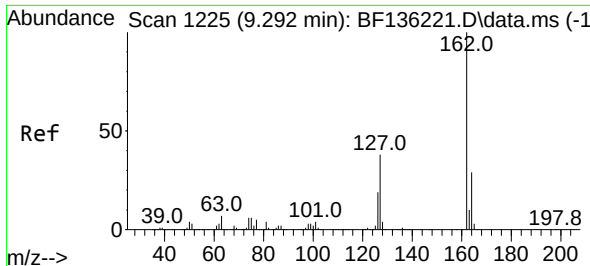
Tgt Ion:172 Resp: 1011035
Ion Ratio Lower Upper
172 100
171 38.7 31.5 47.3
170 25.3 20.8 31.2



#46
1,1'-Biphenyl
Concen: 45.686 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Tgt Ion:154 Resp: 755438
Ion Ratio Lower Upper
154 100
153 42.8 24.6 64.6
76 10.8 0.0 29.4





#47

2-Chloronaphthalene

Concen: 41.612 ng

RT: 9.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

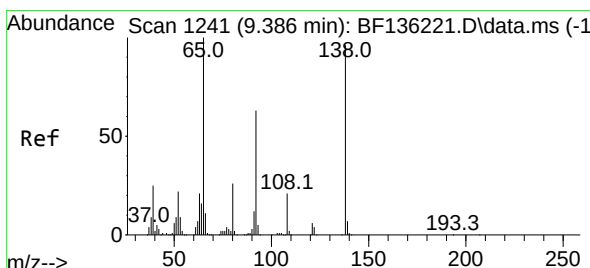
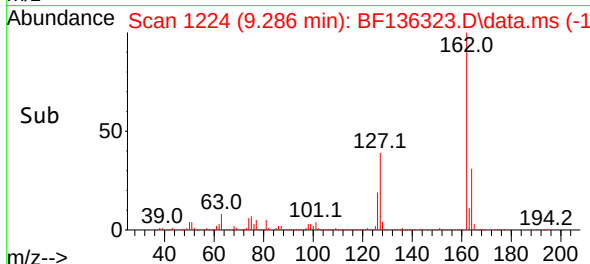
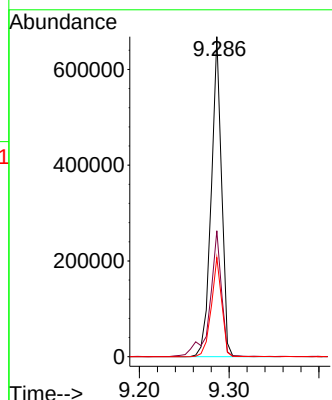
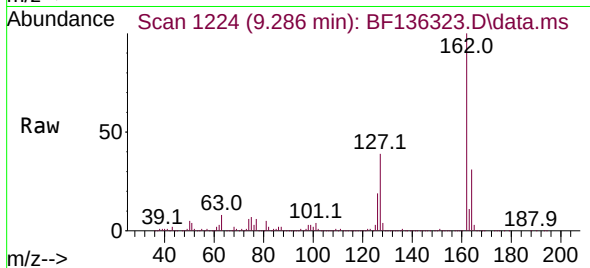
Tgt Ion:162 Resp: 534349

Ion Ratio Lower Upper

162 100

127 39.4 30.2 45.2

164 31.0 22.8 34.2



#48

2-Nitroaniline

Concen: 41.428 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

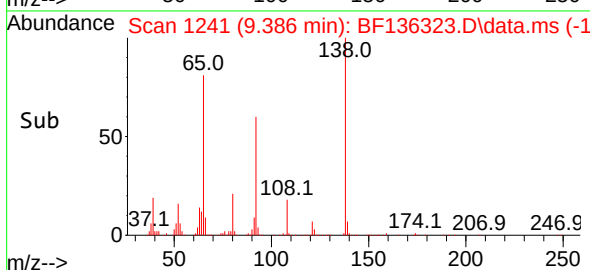
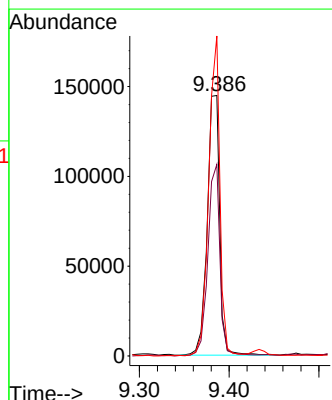
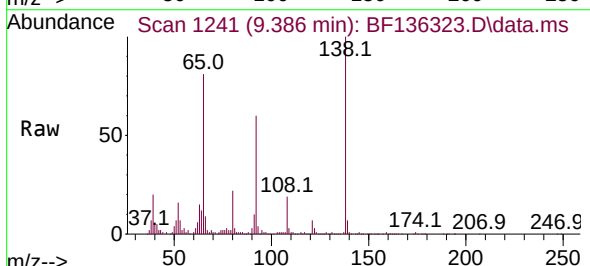
Tgt Ion: 65 Resp: 138892

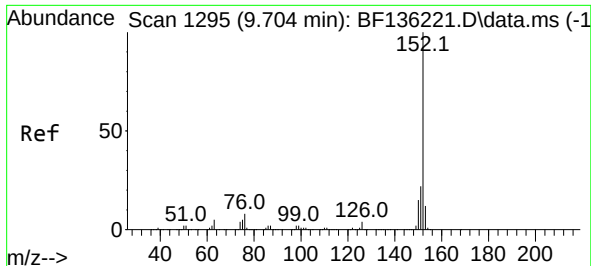
Ion Ratio Lower Upper

65 100

92 73.5 50.6 75.8

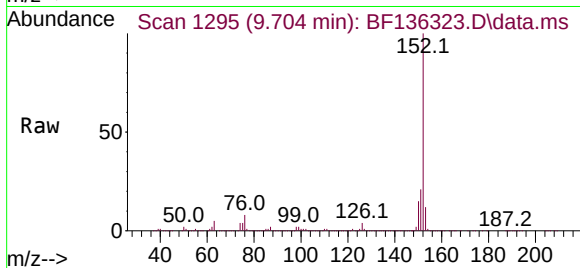
138 122.9 76.7 115.1#



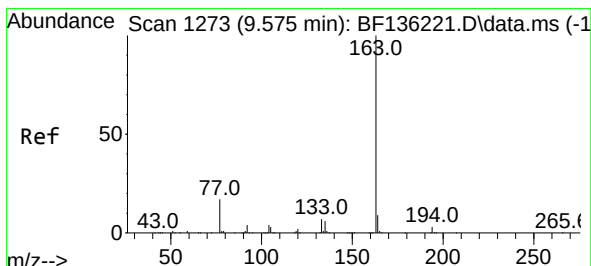
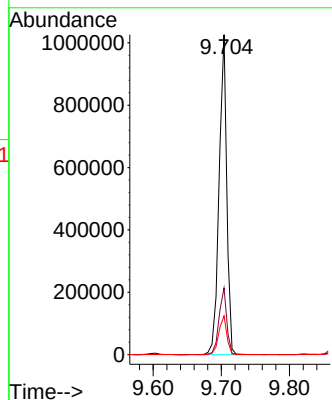
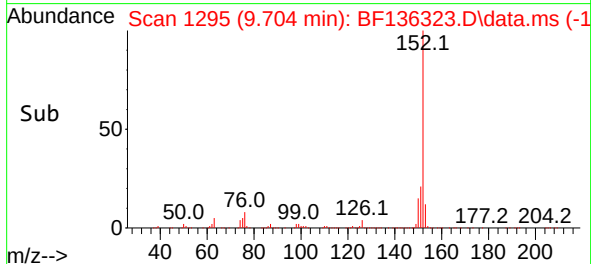


#49
Acenaphthylene
Concen: 43.778 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

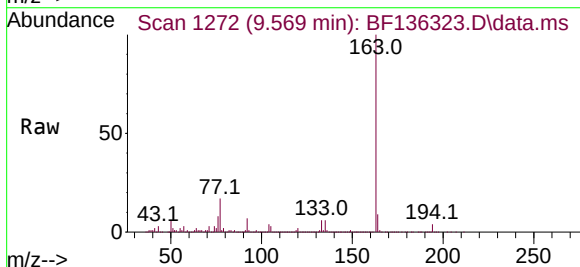
Instrument :
BNA_F
ClientSampleId :



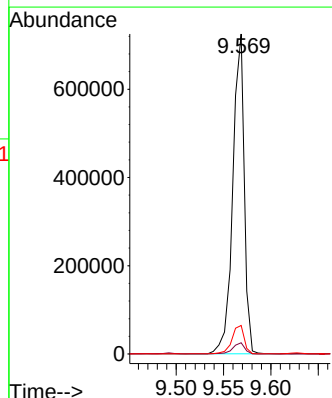
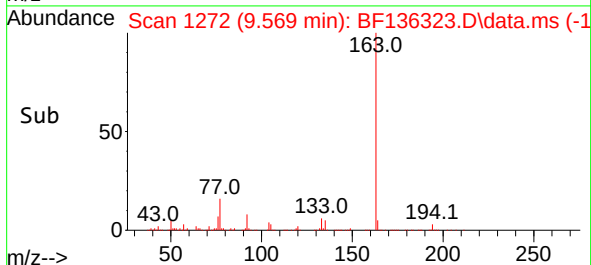
Tgt Ion:152 Resp: 802253
Ion Ratio Lower Upper
152 100
151 20.8 17.5 26.3
153 12.1 9.6 14.4

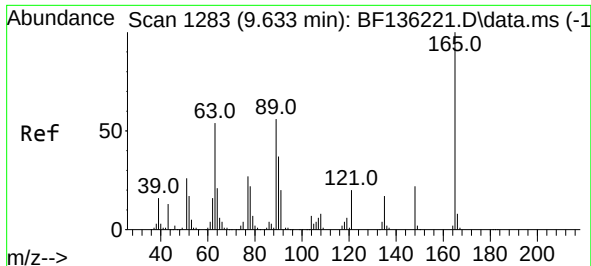


#50
Dimethylphthalate
Concen: 43.112 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13



Tgt Ion:163 Resp: 610992
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 8.9 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 41.041 ng

RT: 9.627 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

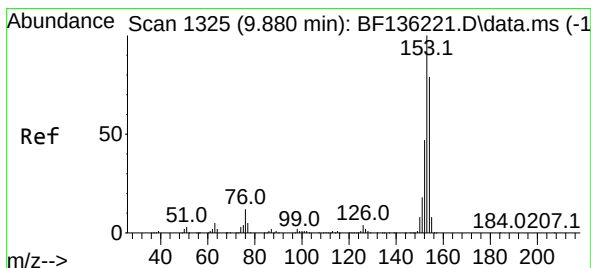
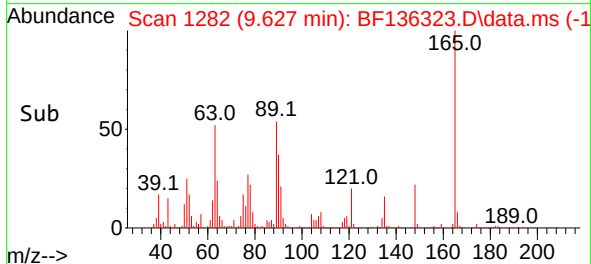
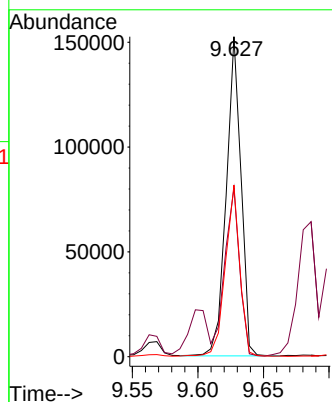
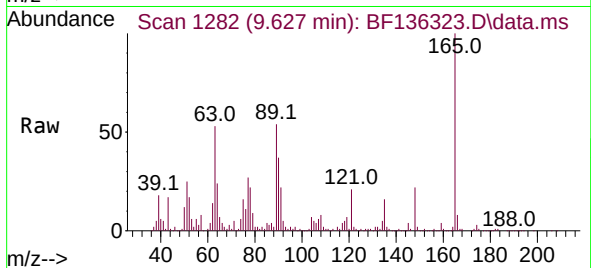
Tgt Ion:165 Resp: 118825

Ion Ratio Lower Upper

165 100

63 52.7 46.2 69.2

89 53.6 44.9 67.3



#52

Acenaphthene

Concen: 39.505 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

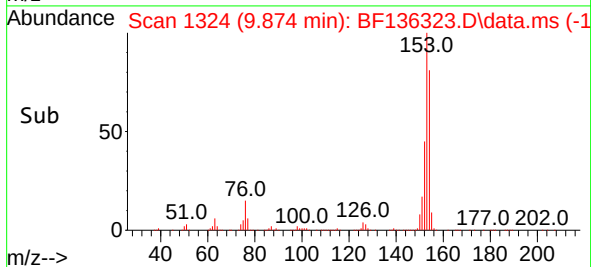
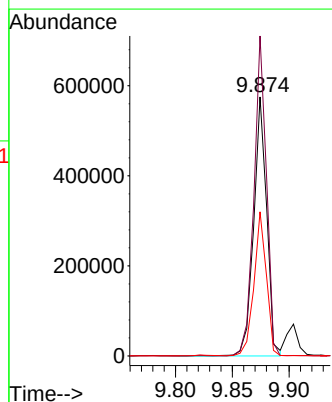
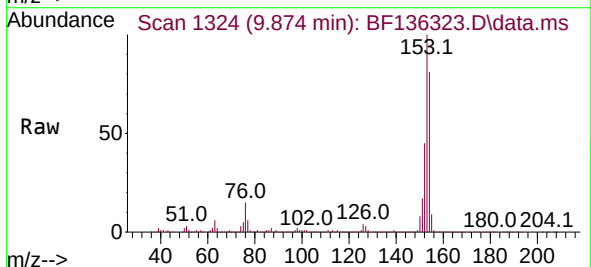
Tgt Ion:154 Resp: 457495

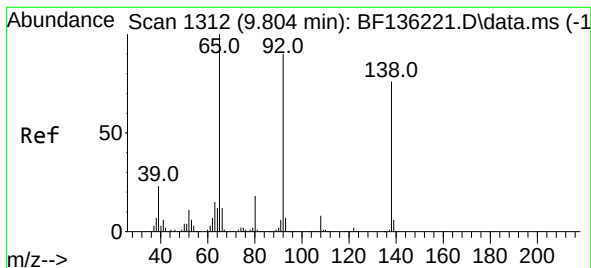
Ion Ratio Lower Upper

154 100

153 123.5 100.8 151.2

152 55.7 47.0 70.6





#53

3-Nitroaniline

Concen: 21.305 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

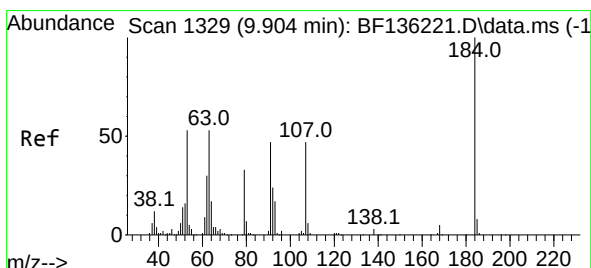
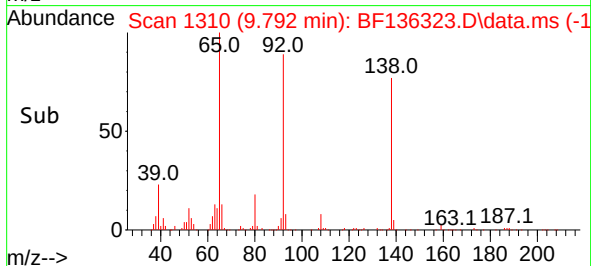
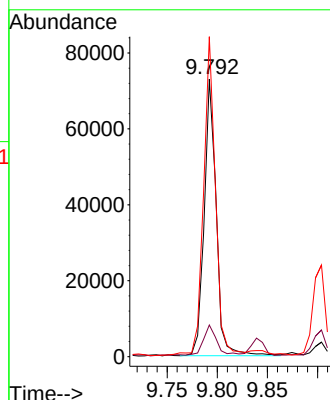
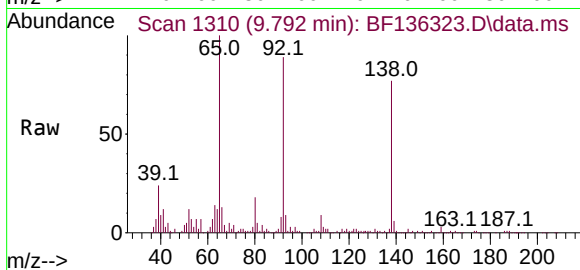
Tgt Ion:138 Resp: 61205

Ion Ratio Lower Upper

138 100

108 11.4 8.7 13.1

92 115.3 94.2 141.4



#54

2,4-Dinitrophenol

Concen: 59.636 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

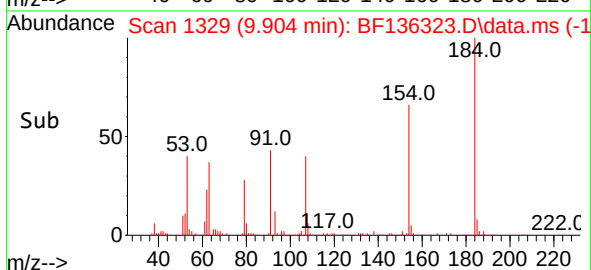
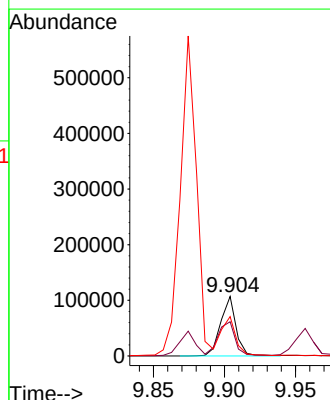
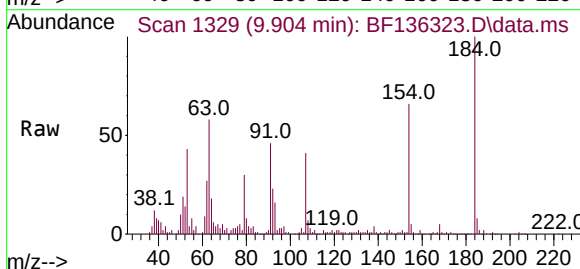
Tgt Ion:184 Resp: 80303

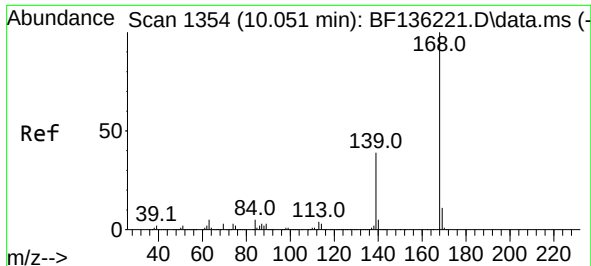
Ion Ratio Lower Upper

184 100

63 57.6 55.0 82.4

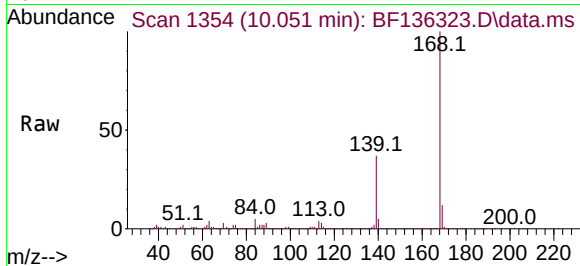
154 66.3 54.9 82.3



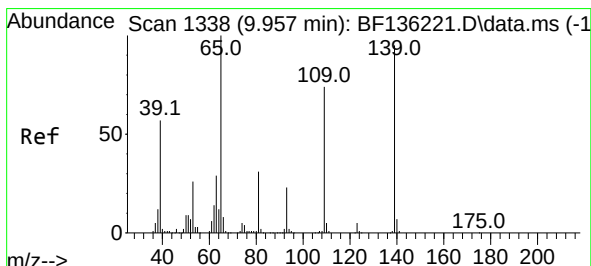
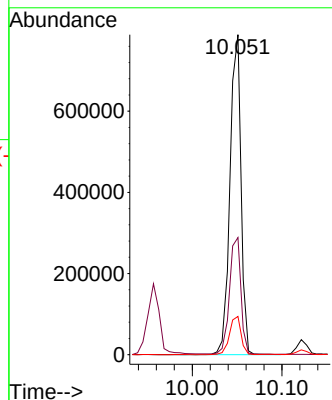
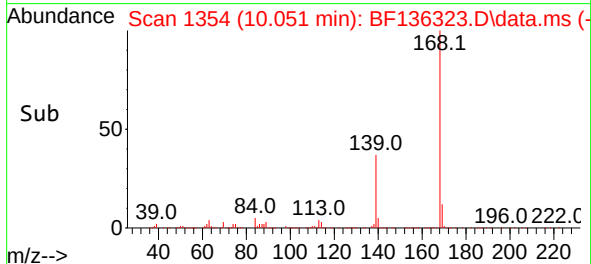


#55
Dibenzenofuran
Concen: 39.137 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Instrument :
BNA_F
ClientSampleId :

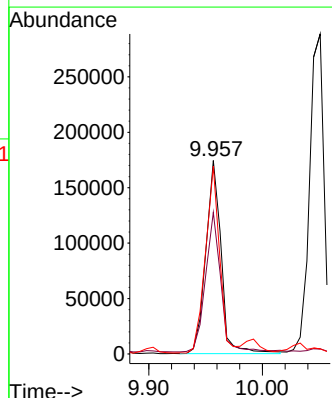
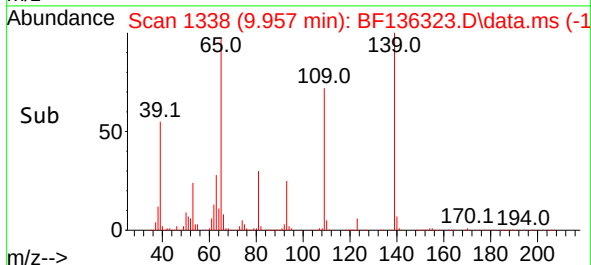
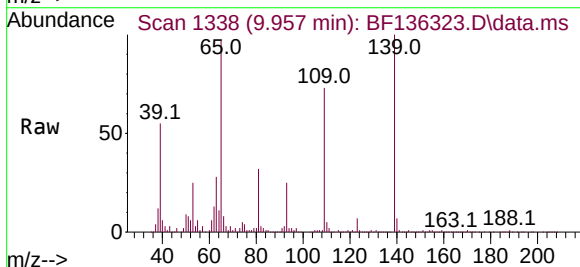


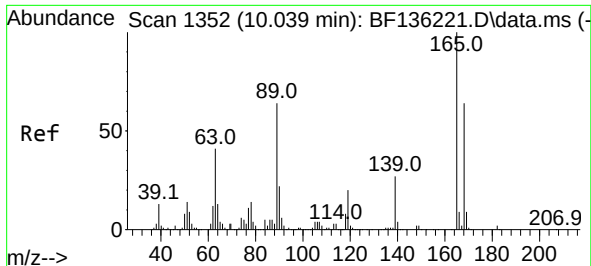
Tgt Ion:168 Resp: 674424
Ion Ratio Lower Upper
168 100
139 36.6 30.9 46.3
169 12.0 9.1 13.7



#56
4-Nitrophenol
Concen: 74.703 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

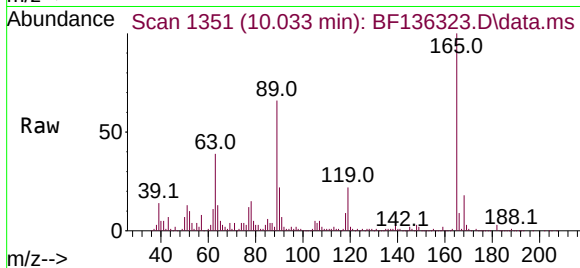
Tgt Ion:139 Resp: 162995
Ion Ratio Lower Upper
139 100
109 73.2 57.8 97.8
65 97.1 86.0 126.0



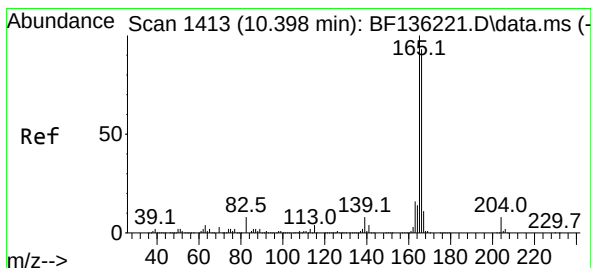
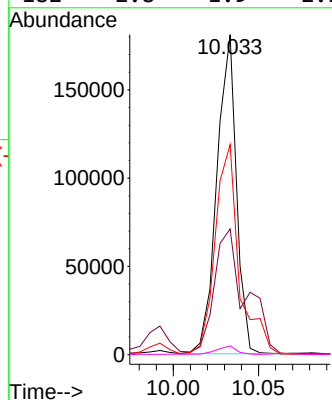
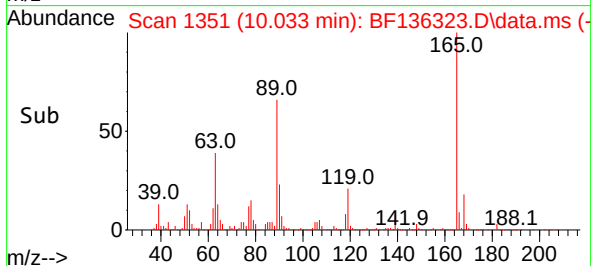


#57
2,4-Dinitrotoluene
Concen: 37.402 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

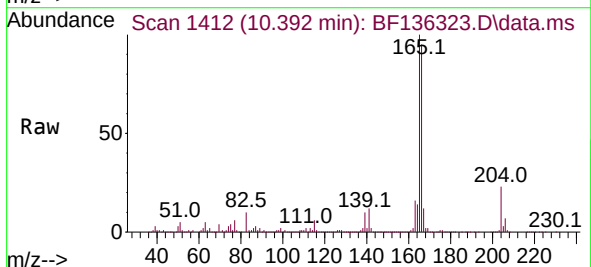
Instrument :
BNA_F
ClientSampleId :



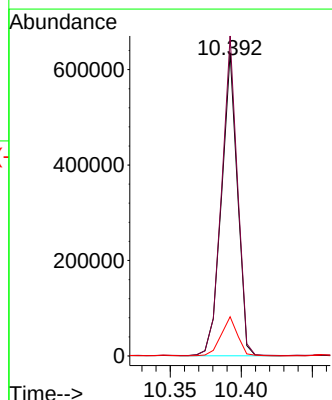
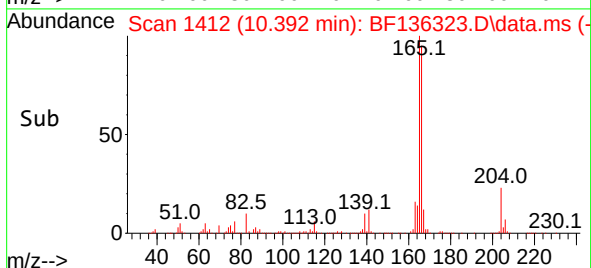
Tgt Ion:165 Resp: 144652
Ion Ratio Lower Upper
165 100
63 39.3 33.0 49.4
89 65.6 51.5 77.3
182 2.8 1.9 2.9

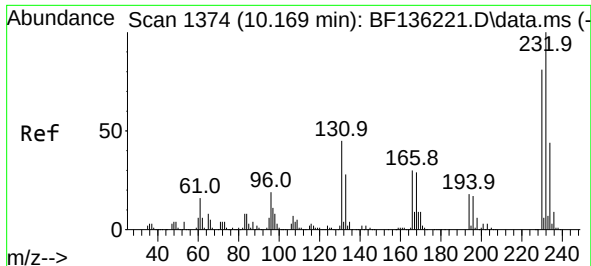


#58
Fluorene
Concen: 36.543 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13



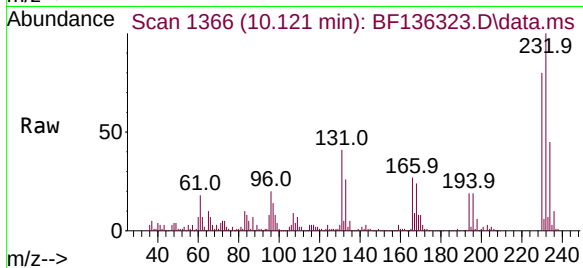
Tgt Ion:166 Resp: 493944
Ion Ratio Lower Upper
166 100
165 105.6 86.2 129.4
167 12.9 9.1 13.7



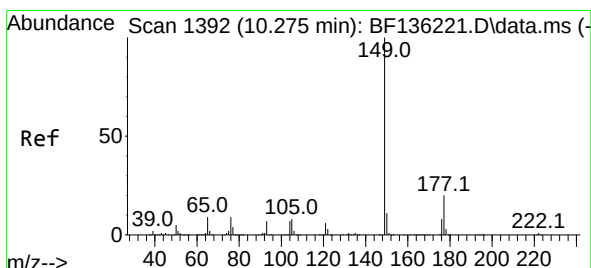
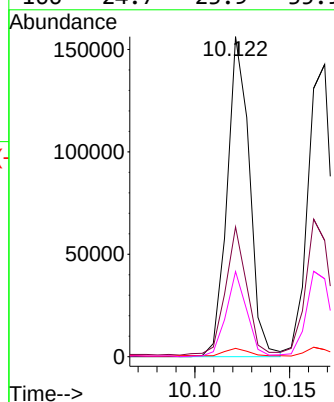
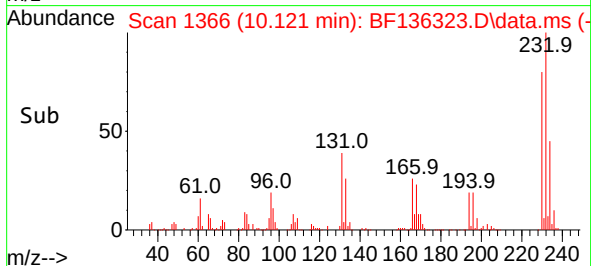


#59
2,3,4,6-Tetrachlorophenol
Concen: 38.127 ng
RT: 10.121 min Scan# 1366
Delta R.T. -0.047 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

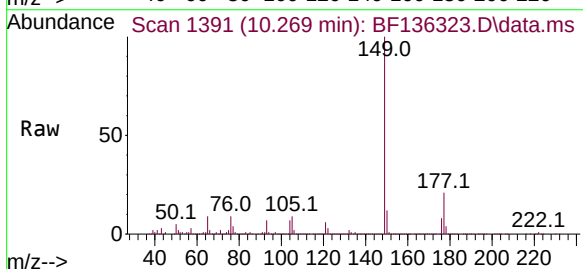
Instrument :
BNA_F
ClientSampleId :



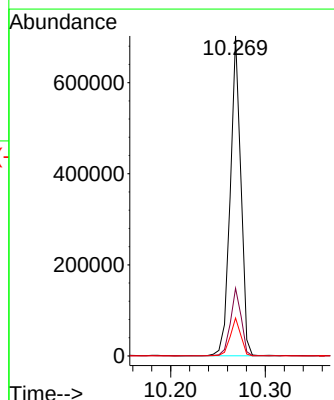
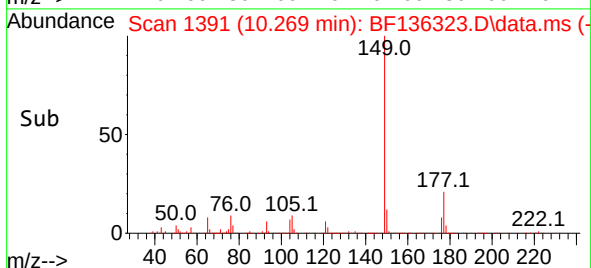
Tgt Ion:232 Resp: 128226
Ion Ratio Lower Upper
232 100
131 38.2 36.4 54.6
130 2.9 1.9 2.9
166 24.7 23.9 35.9

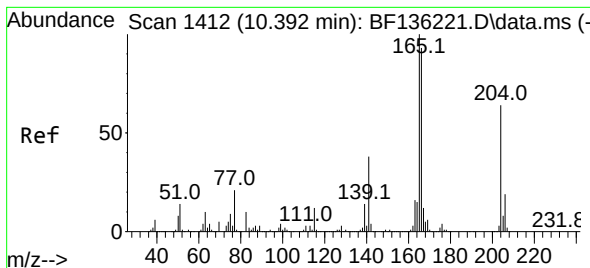


#60
Diethylphthalate
Concen: 38.635 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13



Tgt Ion:149 Resp: 547713
Ion Ratio Lower Upper
149 100
177 21.2 15.8 23.6
150 11.9 8.8 13.2

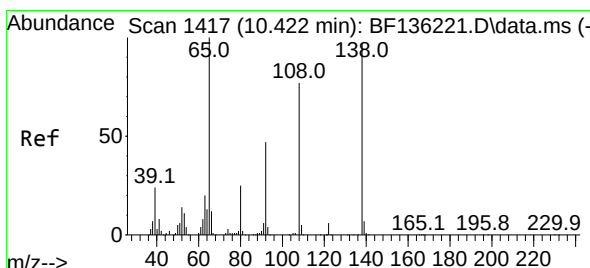
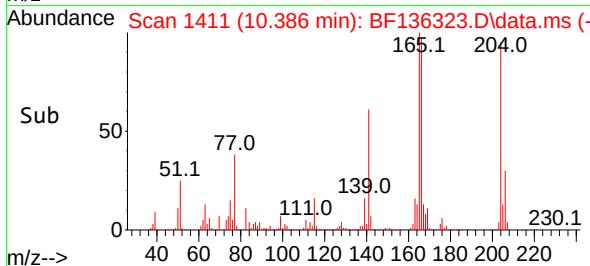
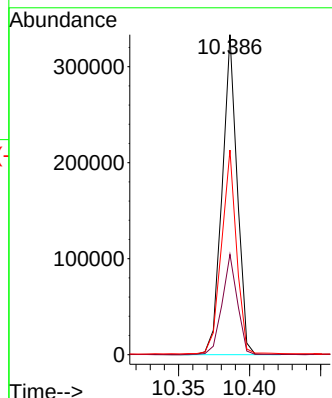
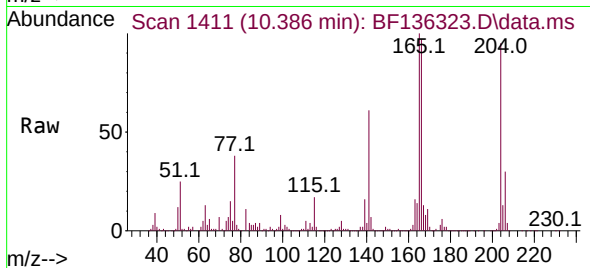




#61
4-Chlorophenyl-phenylether
Concen: 37.181 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

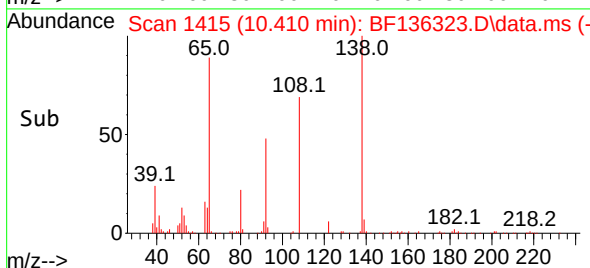
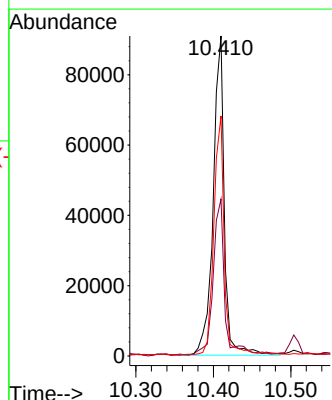
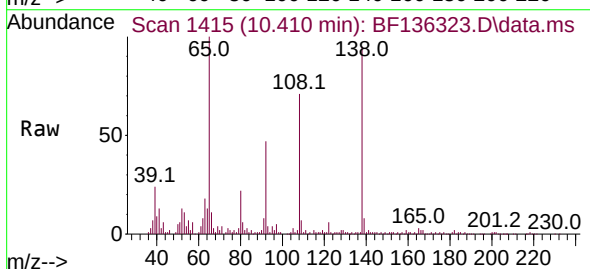
Instrument :
BNA_F
ClientSampleId :

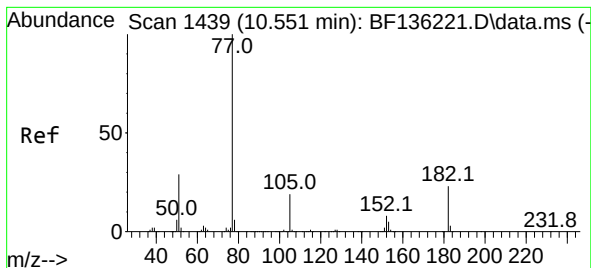
Tgt Ion:204 Resp: 244069
Ion Ratio Lower Upper
204 100
206 31.4 23.4 35.0
141 64.0 47.6 71.4



#62
4-Nitroaniline
Concen: 32.416 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Tgt Ion:138 Resp: 91154
Ion Ratio Lower Upper
138 100
92 49.0 28.5 68.5
108 75.0 59.8 99.8





#63

Azobenzene

Concen: 35.758 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.006 min

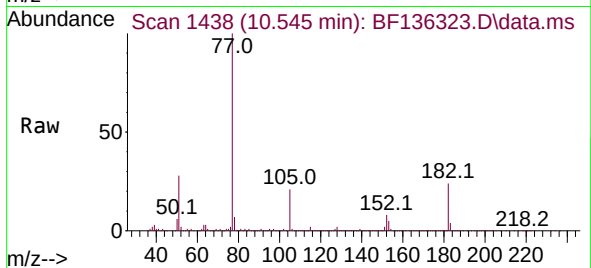
Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 469967

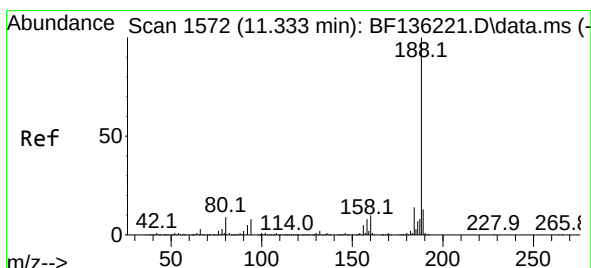
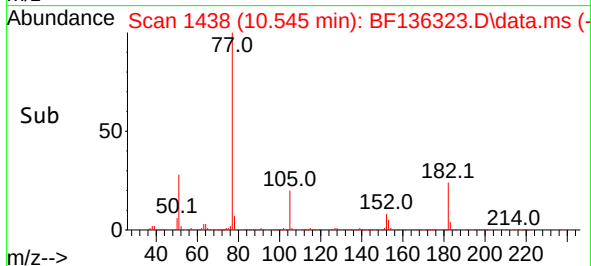
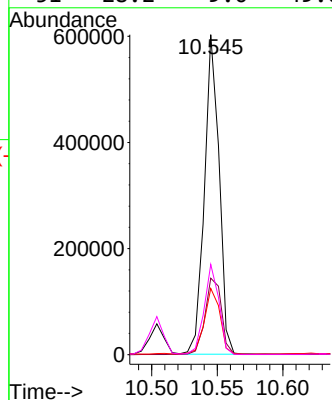
Ion Ratio Lower Upper

77 100

182 23.9 3.3 43.3

105 20.7 0.0 39.5

51 28.2 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: BF136323.D

Acq: 30 Nov 2023 20:13

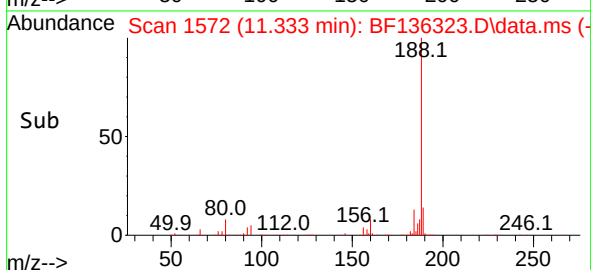
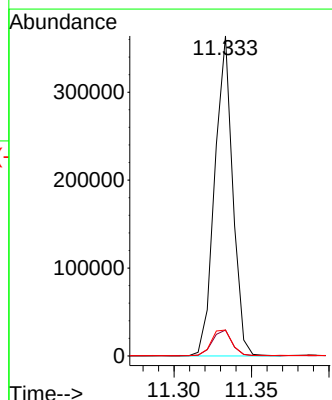
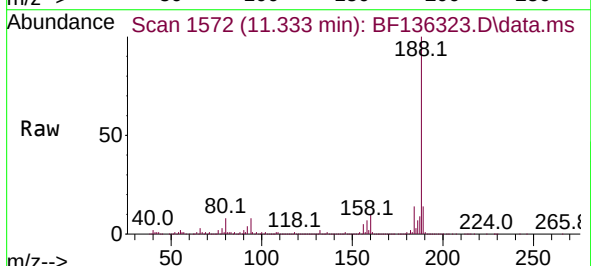
Tgt Ion:188 Resp: 293424

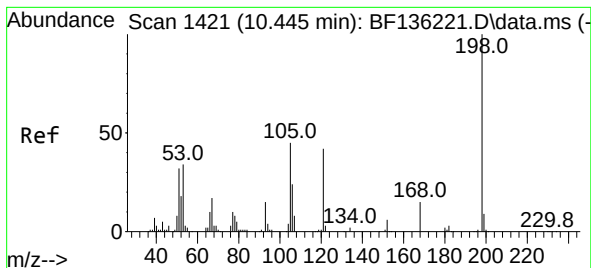
Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 8.1 7.2 10.8

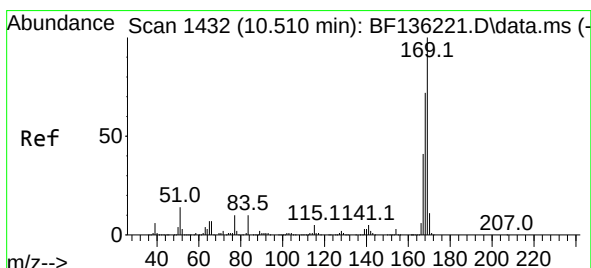
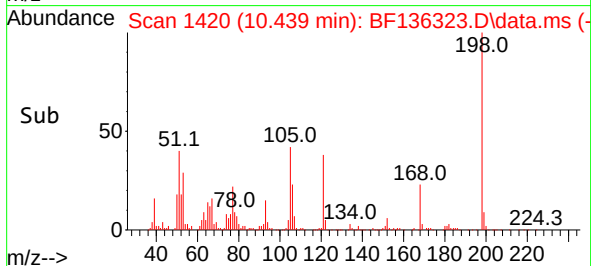
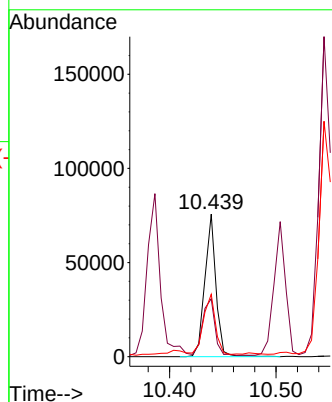
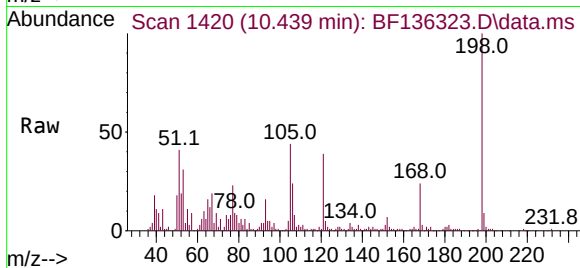




#65
4,6-Dinitro-2-methylphenol
Concen: 34.457 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

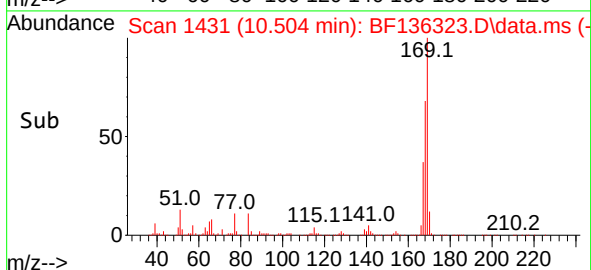
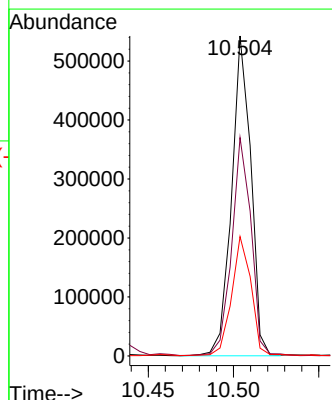
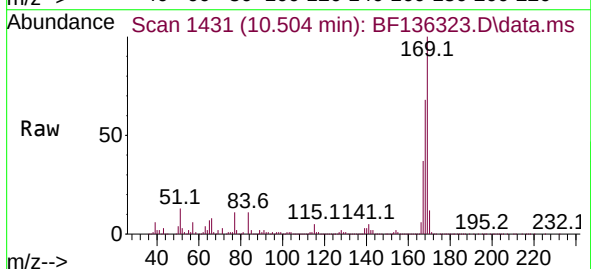
Instrument :
BNA_F
ClientSampleId :

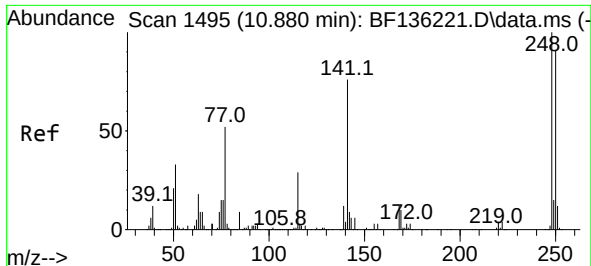
Tgt Ion:198 Resp: 55289
Ion Ratio Lower Upper
198 100
51 40.6 28.2 68.2
105 43.7 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 45.318 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

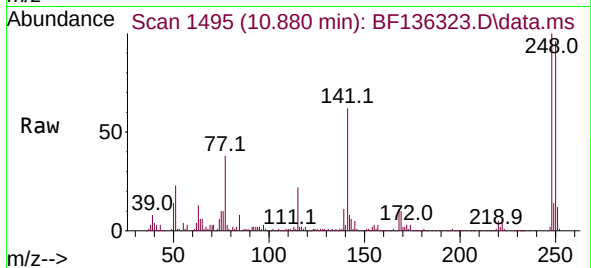
Tgt Ion:169 Resp: 426138
Ion Ratio Lower Upper
169 100
168 68.2 57.8 86.6
167 37.3 32.7 49.1



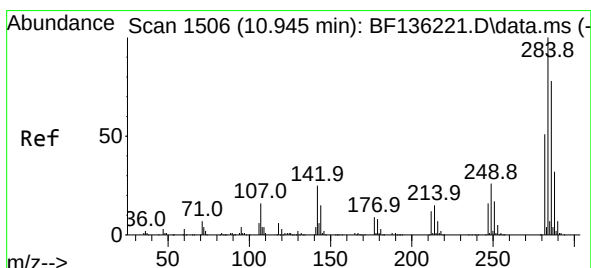
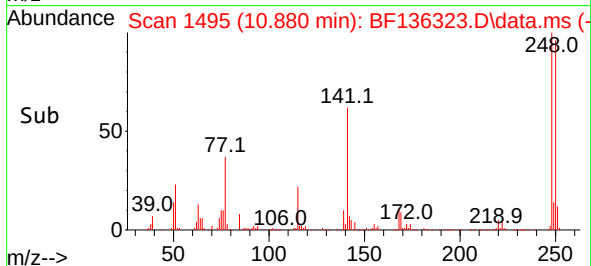
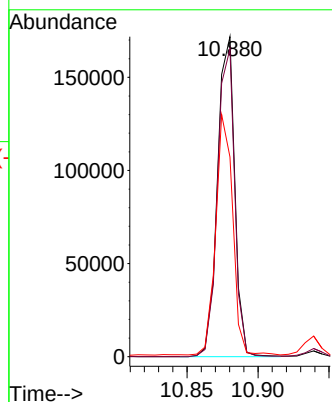


#67
4-Bromophenyl-phenylether
Concen: 42.334 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Instrument :
BNA_F
ClientSampleId :

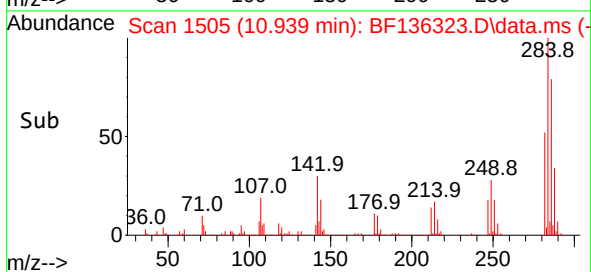
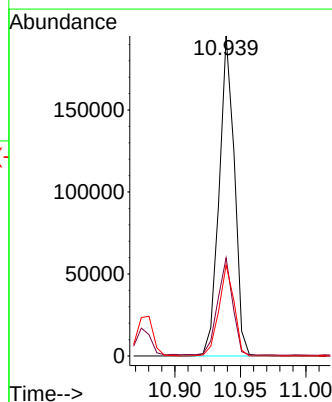
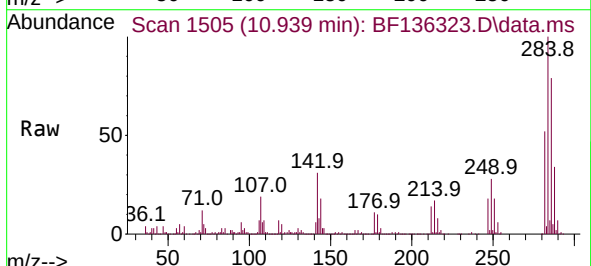


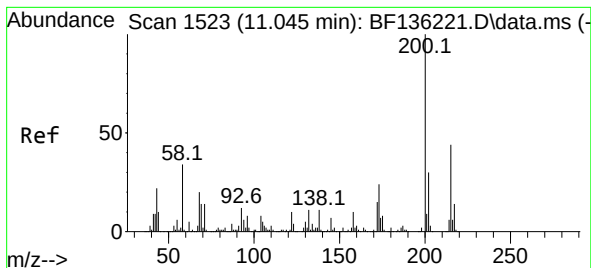
Tgt Ion:248 Resp: 144919
Ion Ratio Lower Upper
248 100
250 96.2 72.5 108.7
141 62.4 60.8 91.2



#68
Hexachlorobenzene
Concen: 39.751 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Tgt Ion:284 Resp: 157491
Ion Ratio Lower Upper
284 100
142 30.6 19.8 29.8#
249 28.5 21.0 31.4





#69

Atrazine

Concen: 51.166 ng

RT: 11.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

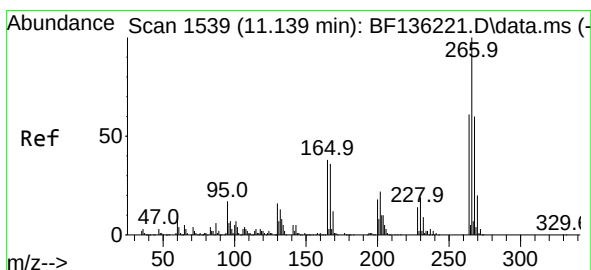
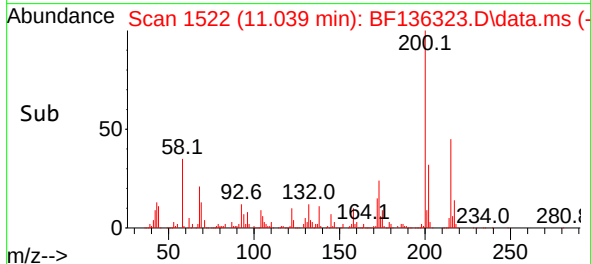
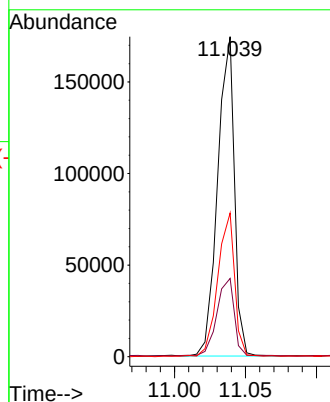
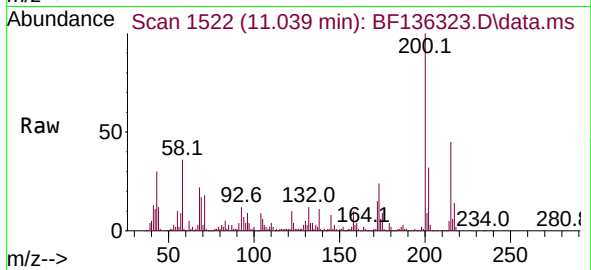
Tgt Ion:200 Resp: 142724

Ion Ratio Lower Upper

200 100

173 24.5 4.3 44.3

215 44.9 23.8 63.8



#70

Pentachlorophenol

Concen: 82.480 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

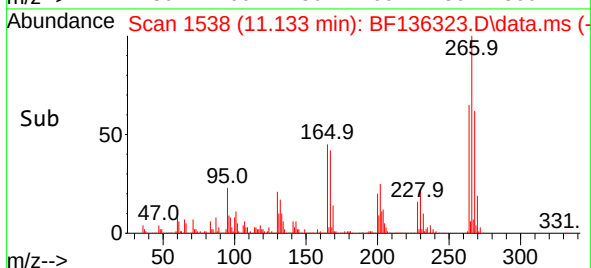
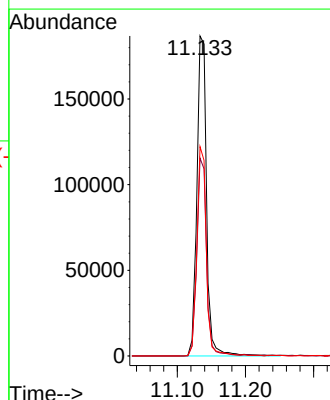
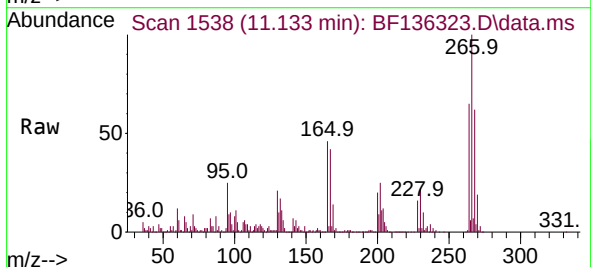
Tgt Ion:266 Resp: 184716

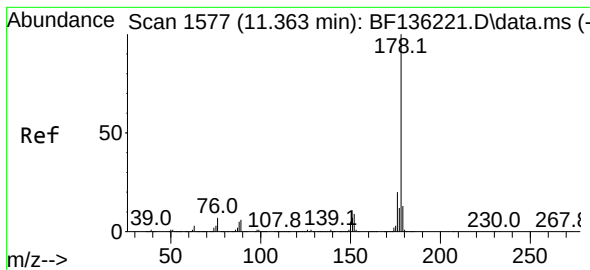
Ion Ratio Lower Upper

266 100

268 61.8 47.9 71.9

264 65.4 49.1 73.7





#71

Phenanthrene

Concen: 43.587 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

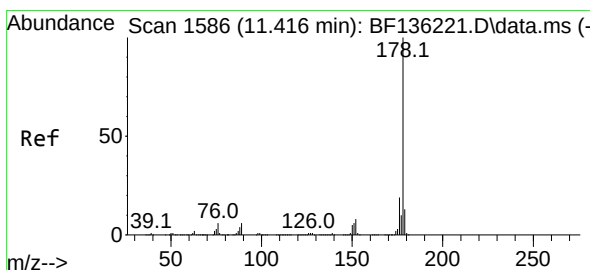
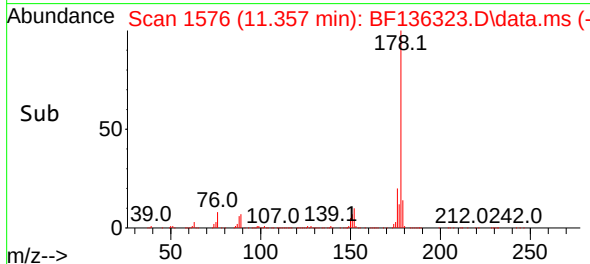
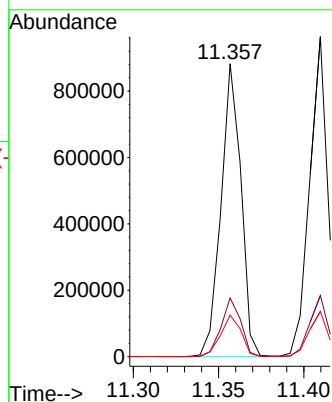
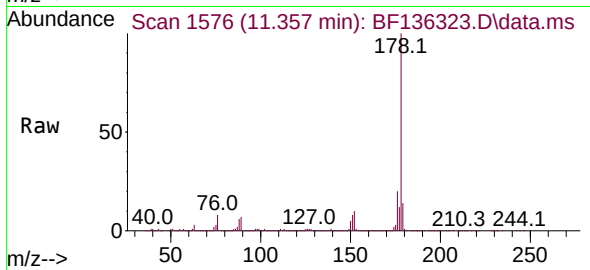
Tgt Ion:178 Resp: 718830

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

179 14.2 10.3 15.5



#72

Anthracene

Concen: 43.205 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

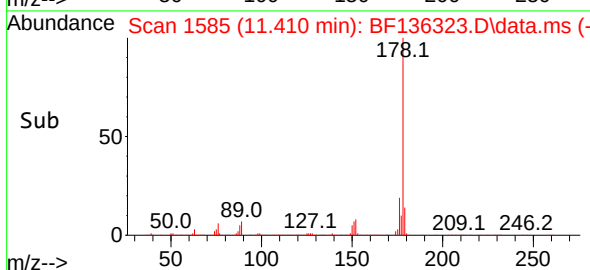
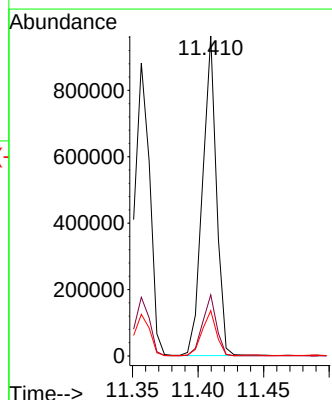
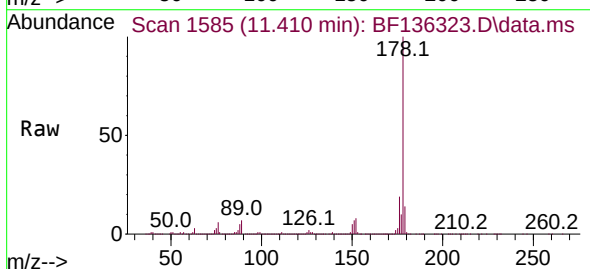
Tgt Ion:178 Resp: 714531

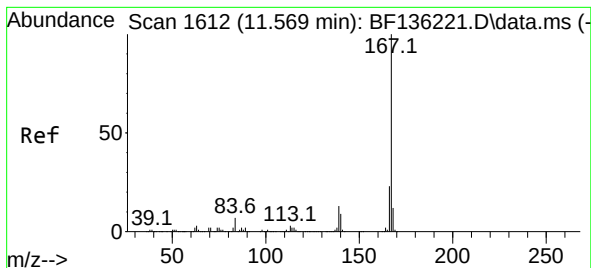
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 14.1 10.5 15.7





#73

Carbazole

Concen: 42.757 ng

RT: 11.568 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

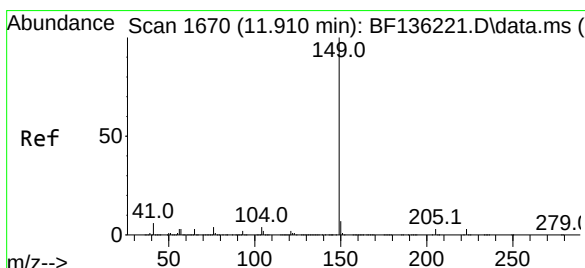
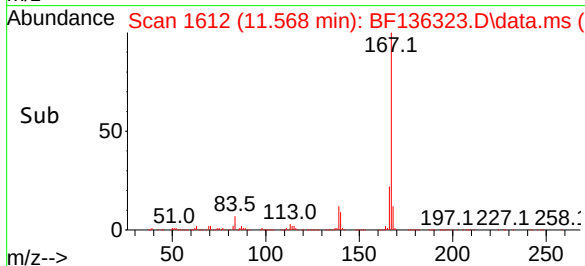
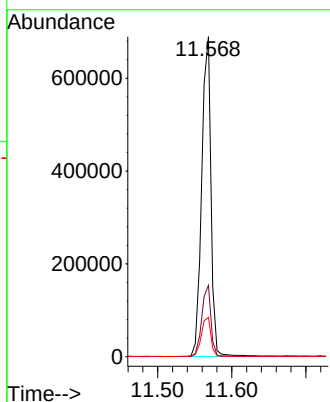
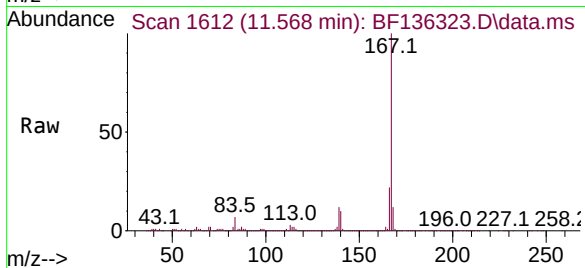
Tgt Ion:167 Resp: 601411

Ion Ratio Lower Upper

167 100

166 22.3 18.4 27.6

139 12.3 10.5 15.7



#74

Di-n-butylphthalate

Concen: 137.091 ng

RT: 11.910 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

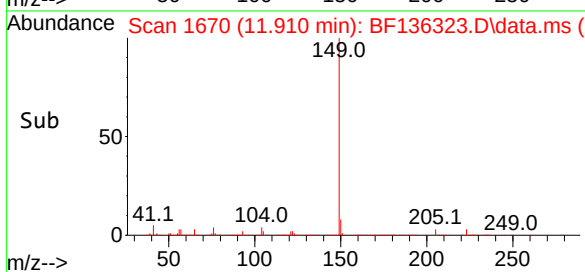
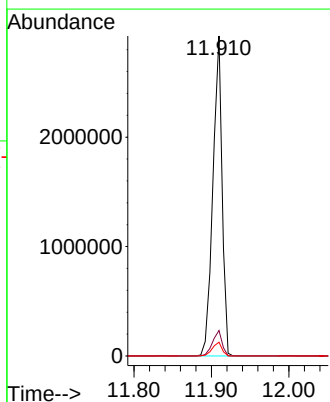
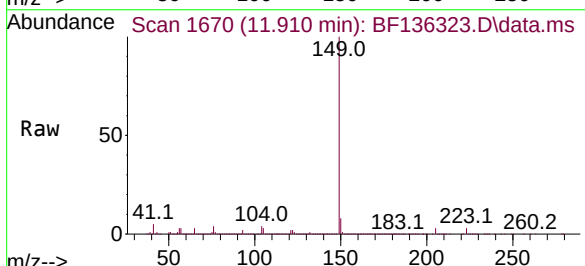
Tgt Ion:149 Resp: 2412731

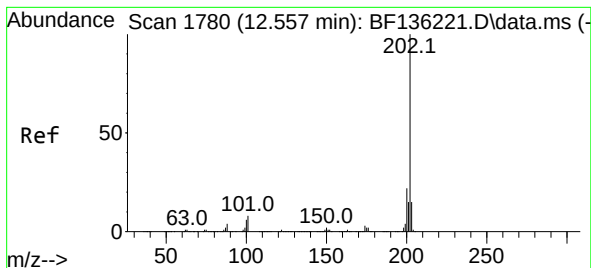
Ion Ratio Lower Upper

149 100

150 7.9 6.0 9.0

104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 52.002 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

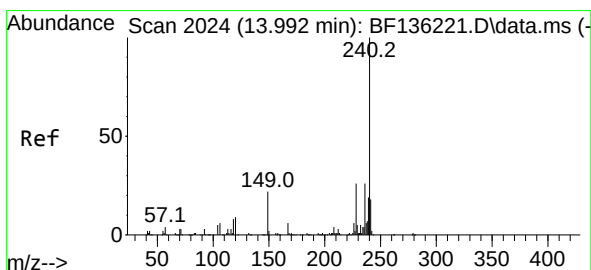
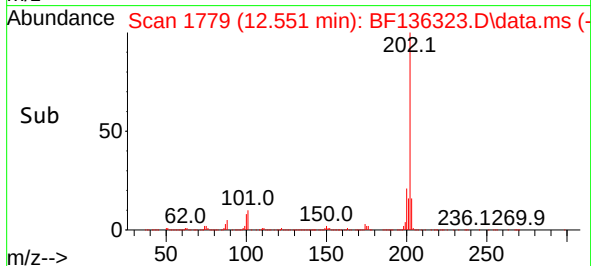
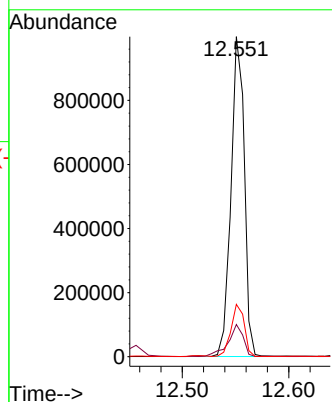
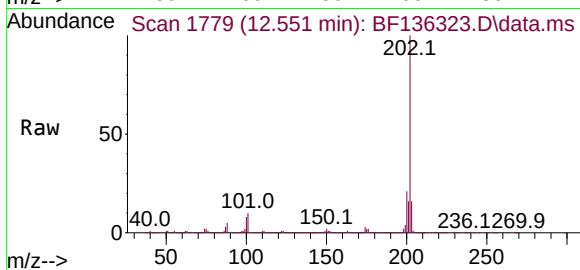
Tgt Ion:202 Resp: 870609

Ion Ratio Lower Upper

202 100

101 10.1 0.0 27.8

203 16.4 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

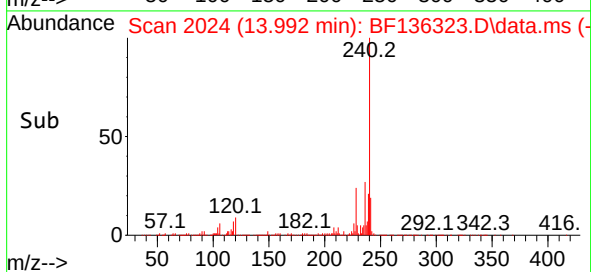
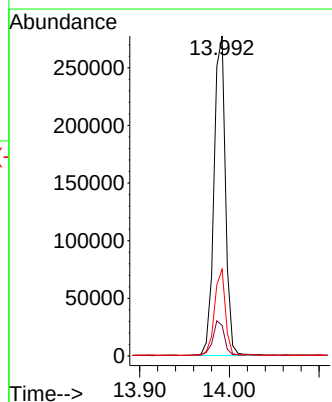
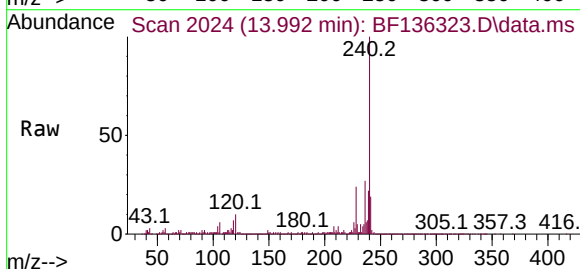
Tgt Ion:240 Resp: 246812

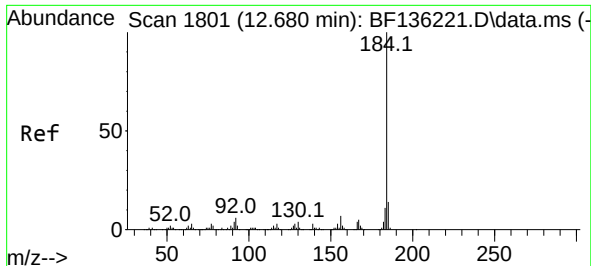
Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.2

236 27.1 21.1 31.7

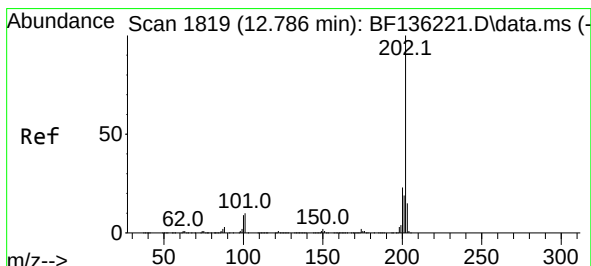
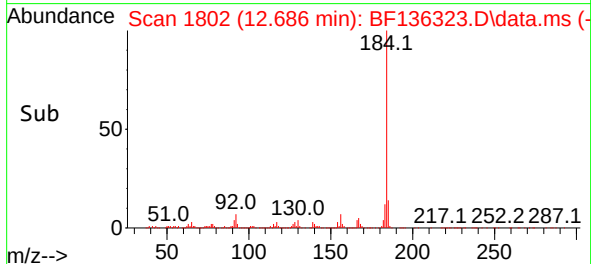
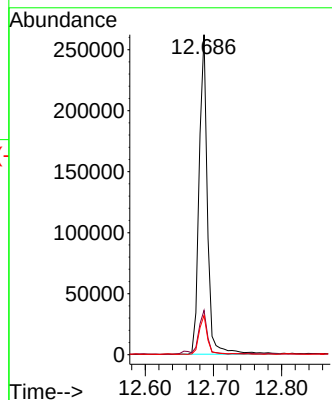
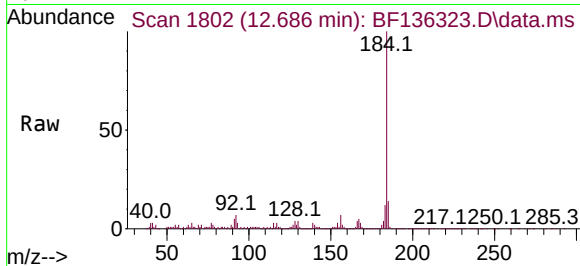




#77
Benzidine
Concen: 54.431 ng
RT: 12.686 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

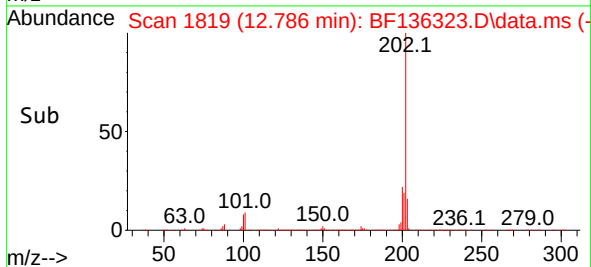
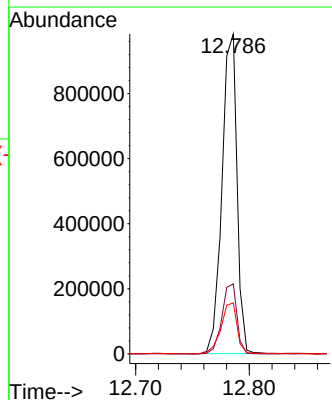
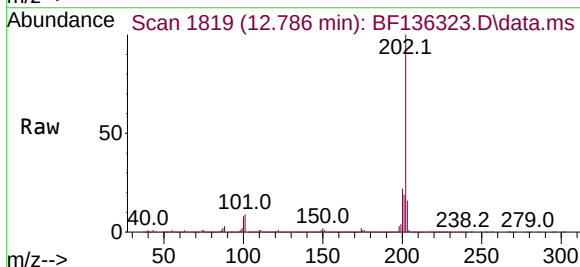
Instrument :
BNA_F
ClientSampleId :

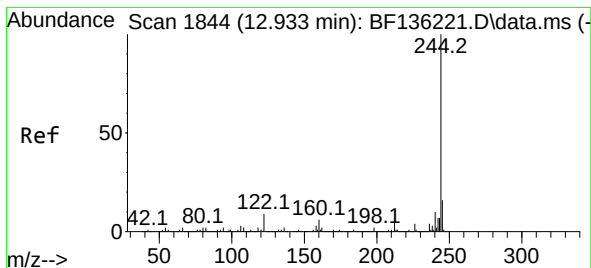
Tgt Ion:184 Resp: 220837
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.6
183 12.3 9.0 13.4



#78
Pyrene
Concen: 33.444 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Tgt Ion:202 Resp: 903985
Ion Ratio Lower Upper
202 100
200 21.9 18.4 27.6
203 15.9 11.8 17.6





#79

Terphenyl-d14

Concen: 44.372 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

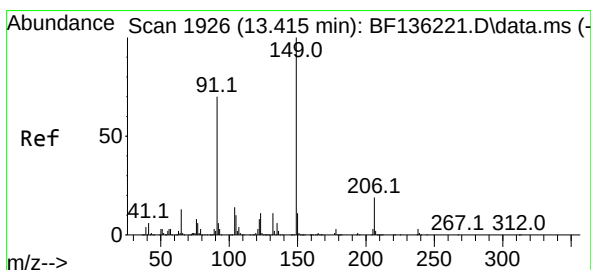
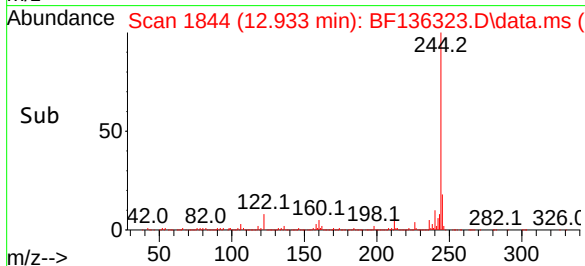
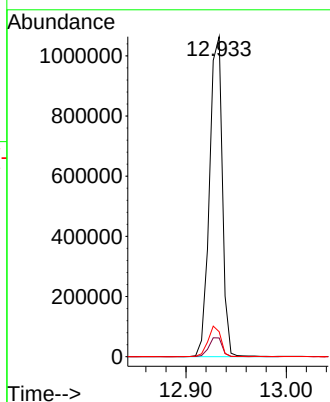
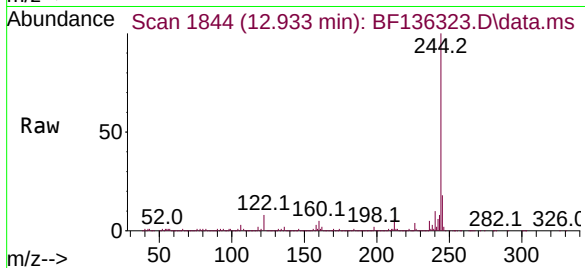
Tgt Ion:244 Resp: 949427

Ion Ratio Lower Upper

244 100

212 5.8 4.6 7.0

122 7.8 7.3 10.9



#80

Butylbenzylphthalate

Concen: 39.699 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

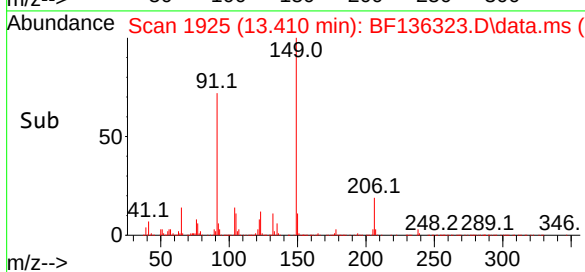
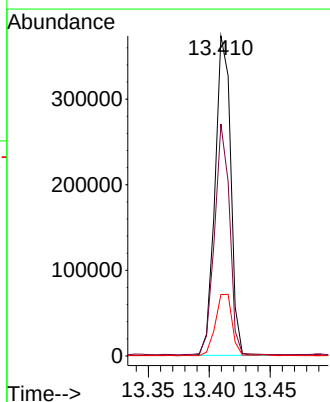
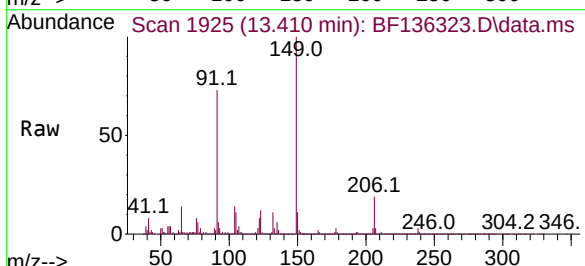
Tgt Ion:149 Resp: 333967

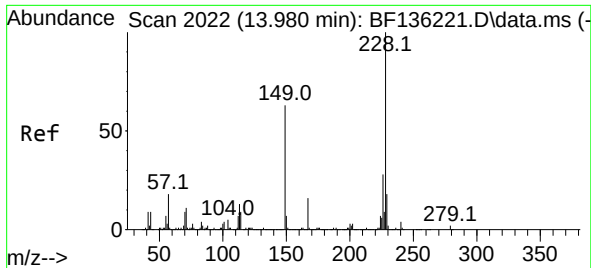
Ion Ratio Lower Upper

149 100

91 72.5 56.4 84.6

206 19.2 14.8 22.2

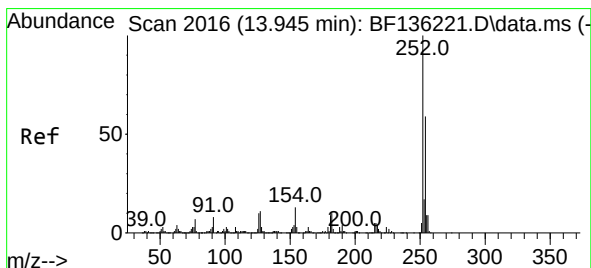
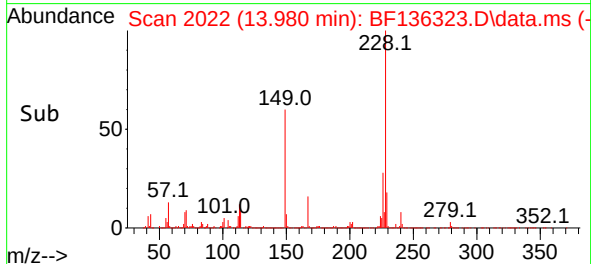
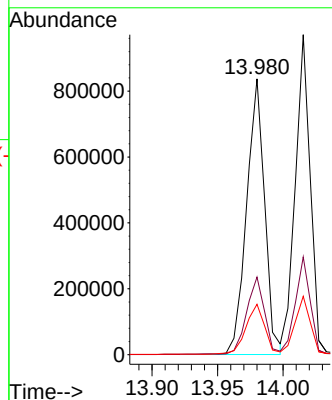
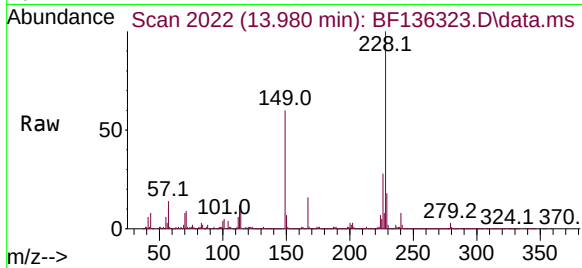




#81
Benzo(a)anthracene
Concen: 43.660 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

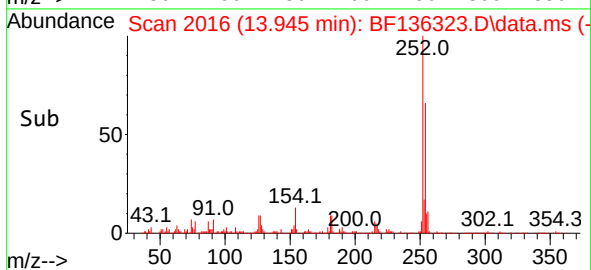
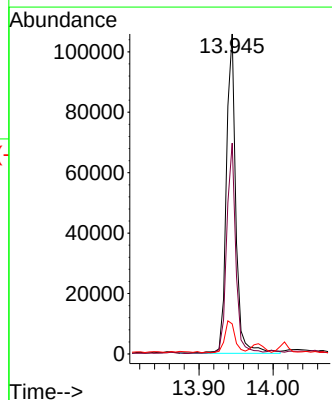
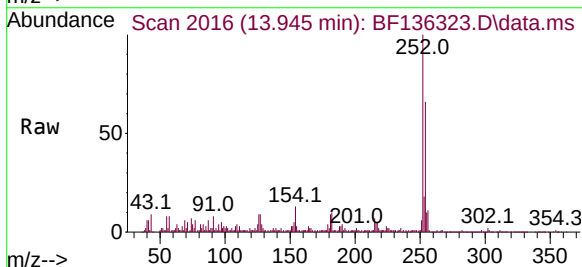
Instrument :
BNA_F
ClientSampleId :

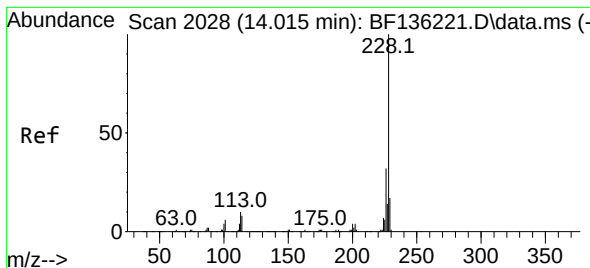
Tgt Ion:228 Resp: 800391
Ion Ratio Lower Upper
228 100
226 28.2 22.6 34.0
229 18.3 14.0 21.0



#82
3,3'-Dichlorobenzidine
Concen: 21.299 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Tgt Ion:252 Resp: 93989
Ion Ratio Lower Upper
252 100
254 65.9 47.4 71.2
126 9.4 8.3 12.5





#83

Chrysene

Concen: 43.402 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

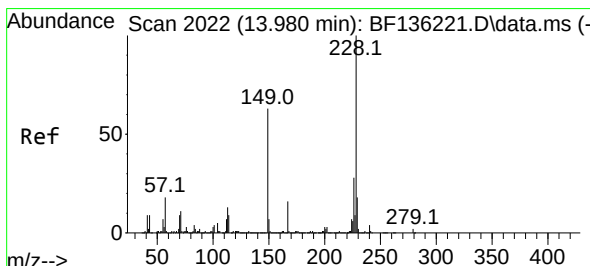
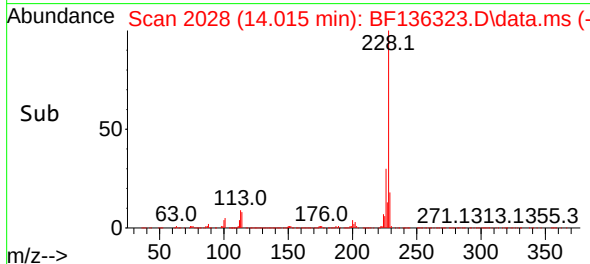
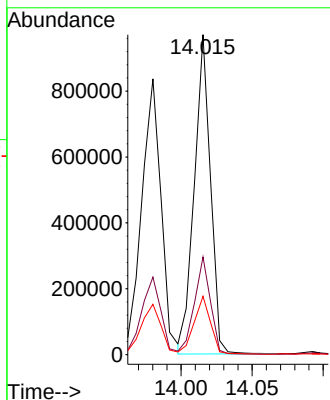
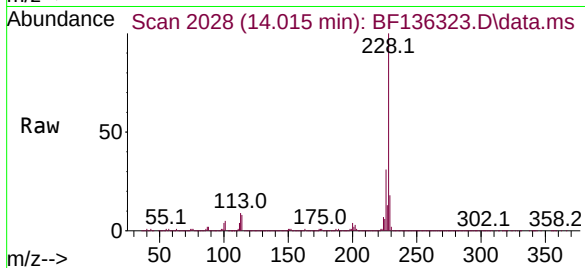
Tgt Ion:228 Resp: 768242

Ion Ratio Lower Upper

228 100

226 30.6 25.5 38.3

229 18.3 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.313 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

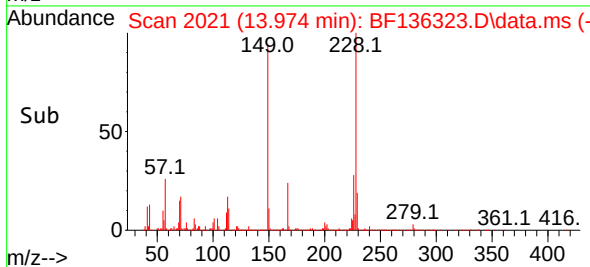
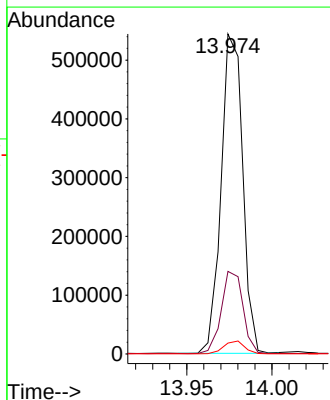
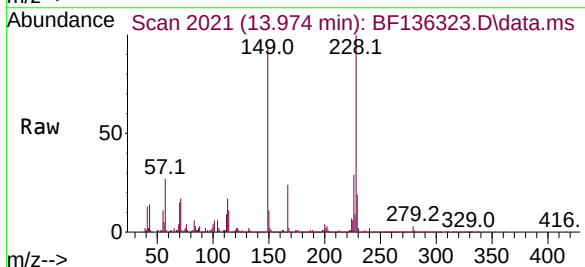
Tgt Ion:149 Resp: 477670

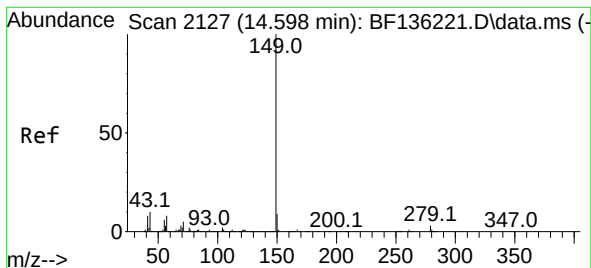
Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.2

279 3.4 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 54.272 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

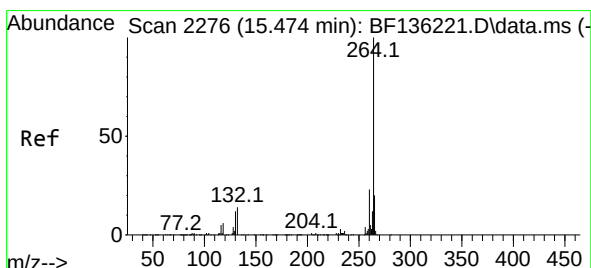
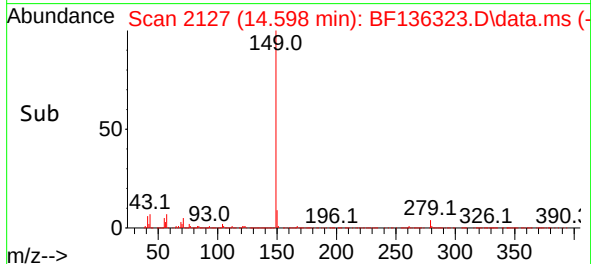
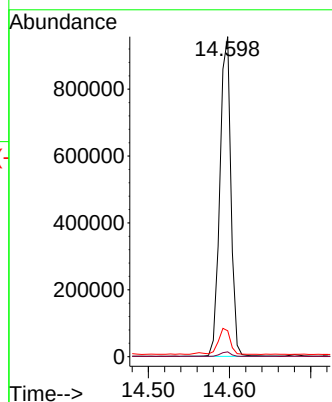
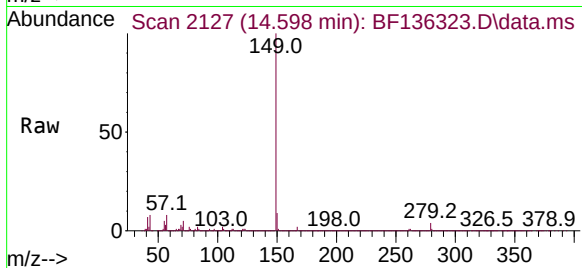
Tgt Ion:149 Resp: 902298

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.6 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: BF136323.D

Acq: 30 Nov 2023 20:13

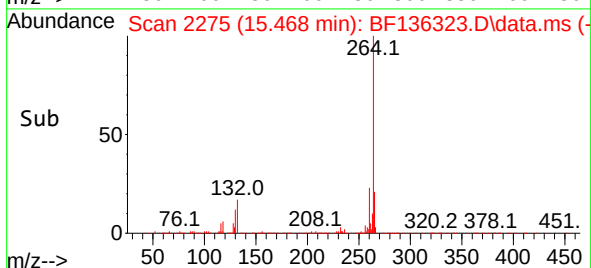
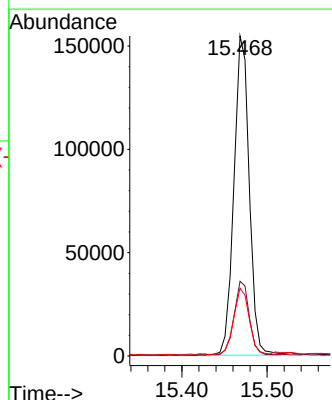
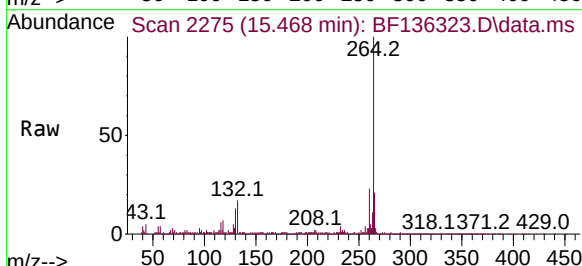
Tgt Ion:264 Resp: 193449

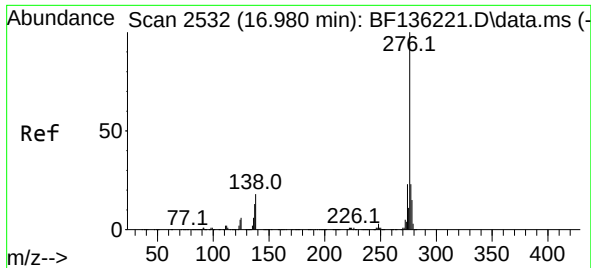
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.2 15.7 23.5

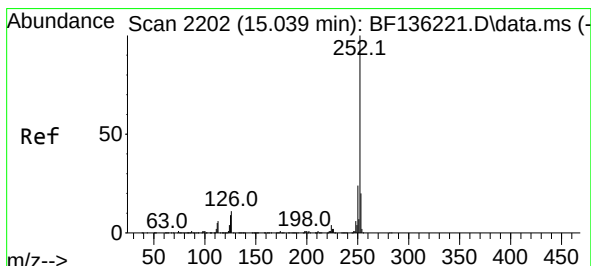
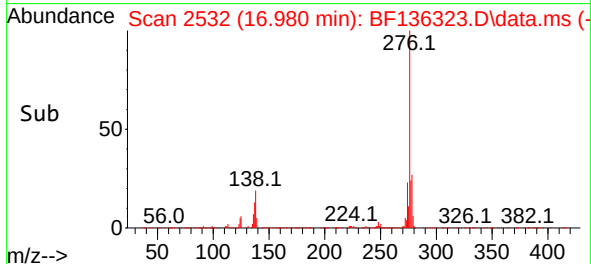
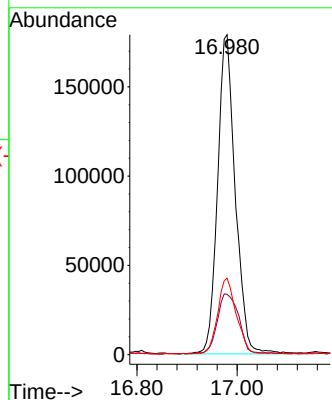
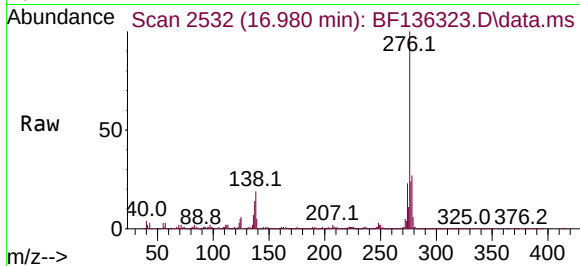




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 31.277 ng
 RT: 16.980 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136323.D
 Acq: 30 Nov 2023 20:13

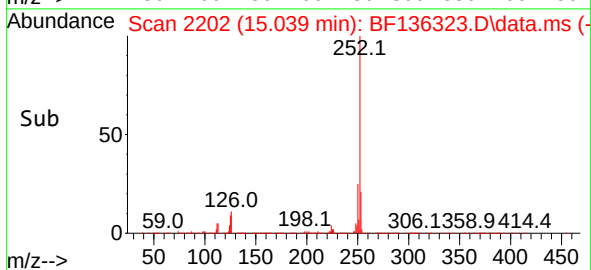
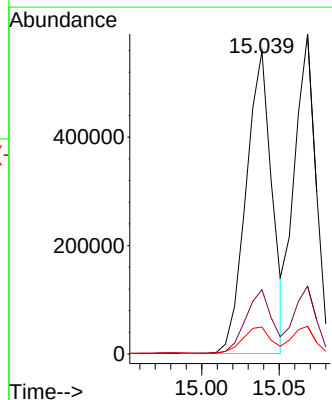
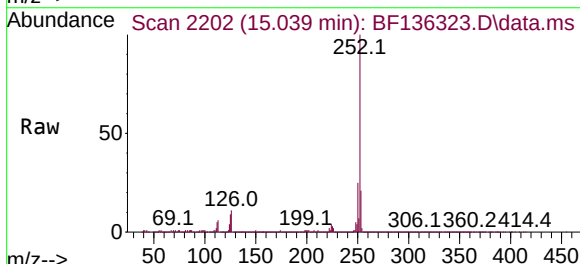
Instrument :
 BNA_F
 ClientSampleId :

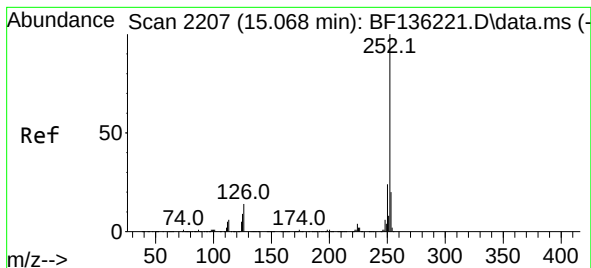
Tgt Ion:276 Resp: 437970
 Ion Ratio Lower Upper
 276 100
 138 22.6 17.7 26.5
 277 25.0 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 47.668 ng
 RT: 15.039 min Scan# 2202
 Delta R.T. -0.000 min
 Lab File: BF136323.D
 Acq: 30 Nov 2023 20:13

Tgt Ion:252 Resp: 646954
 Ion Ratio Lower Upper
 252 100
 253 21.2 16.2 24.2
 125 8.9 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 44.208 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

Instrument :

BNA_F

ClientSampleId :

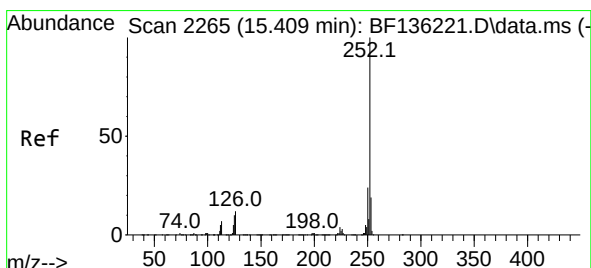
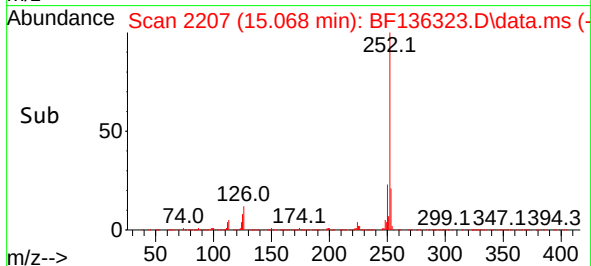
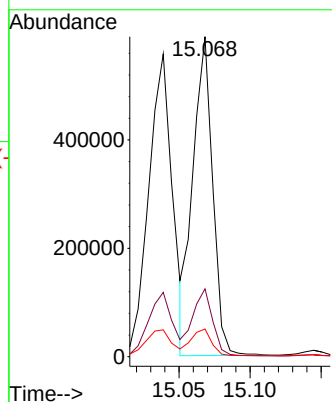
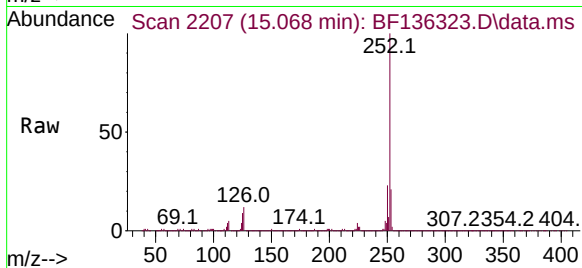
Tgt Ion:252 Resp: 569849

Ion Ratio Lower Upper

252 100

253 21.2 15.6 23.4

125 8.7 7.0 10.4



#90

Benzo(a)pyrene

Concen: 43.879 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF136323.D

Acq: 30 Nov 2023 20:13

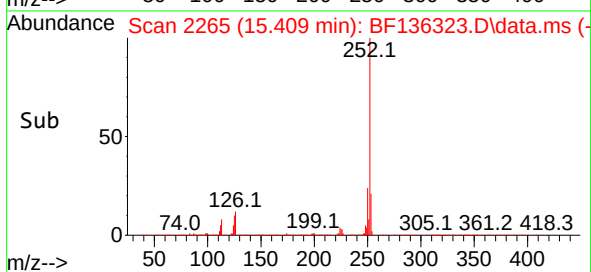
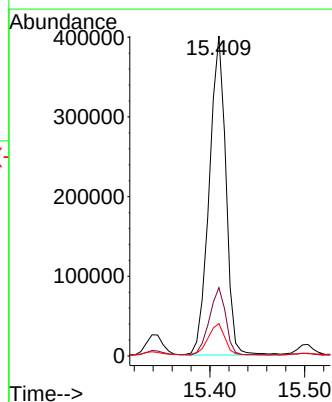
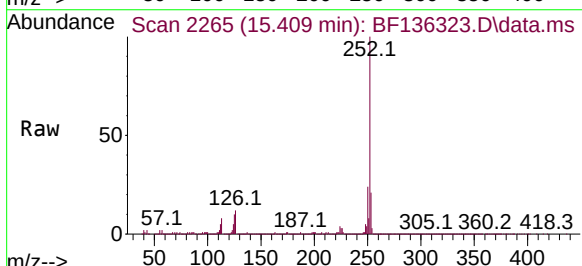
Tgt Ion:252 Resp: 486832

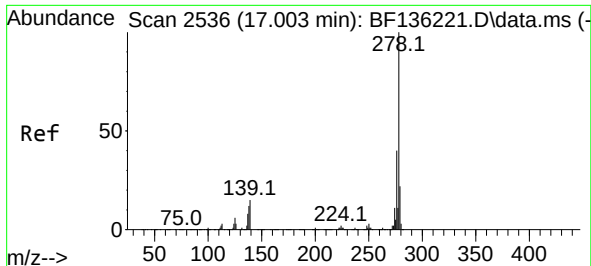
Ion Ratio Lower Upper

252 100

253 21.3 15.5 23.3

125 10.1 7.9 11.9

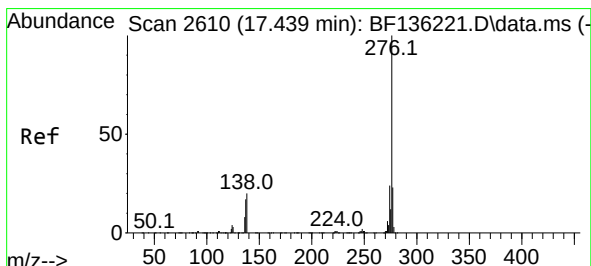
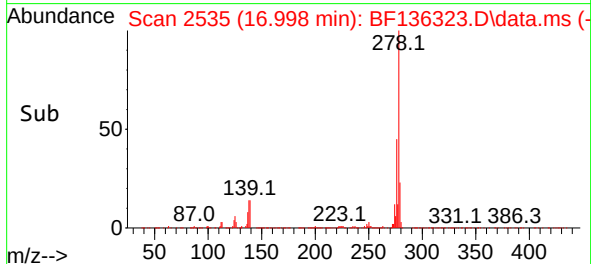
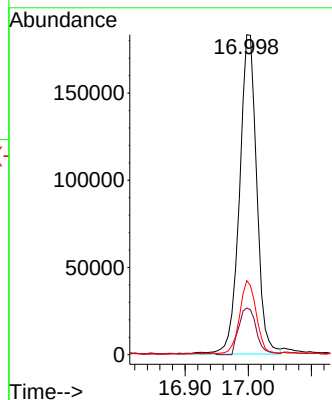
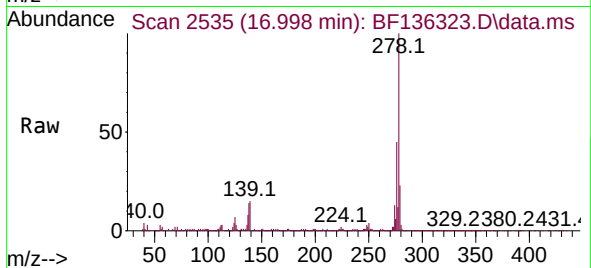




#91
Dibenzo(a,h)anthracene
Concen: 30.955 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 347401
Ion Ratio Lower Upper
278 100
139 14.6 11.7 17.5
279 23.1 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 30.421 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136323.D
Acq: 30 Nov 2023 20:13

Tgt Ion:276 Resp: 345831
Ion Ratio Lower Upper
276 100
277 22.9 18.6 27.8
138 18.9 15.8 23.8

