

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126869.D
 Acq On : 14 Feb 2022 14:16
 Operator : CG\JU
 Sample : PB142610BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142610BS

Quant Time: Feb 15 00:58:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	138034	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	574750	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	284882	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	494951	20.000	ng	0.00
76) Chrysene-d12	14.121	240	284499	20.000	ng	0.00
86) Perylene-d12	15.627	264	213932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1098347	122.512	ng	0.02
7) Phenol-d6	6.569	99	1457847	120.454	ng	0.00
23) Nitrobenzene-d5	7.510	82	1028623	82.576	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	397840	130.263	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1527380	80.705	ng	0.00
79) Terphenyl-d14	13.063	244	1650597	83.172	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.634	79	337098	29.646	ng	98
4) n-Nitrosodimethylamine	3.604	42	235261	44.064	ng	97
6) Aniline	6.604	93	454649	31.192	ng	97
8) 2-Chlorophenol	6.728	128	450270	47.186	ng	99
9) Benzaldehyde	6.498	77	271727	36.926	ng	99
10) Phenol	6.581	94	585159	47.967	ng	94
11) bis(2-Chloroethyl)ether	6.681	93	437103	45.003	ng	99
12) 1,3-Dichlorobenzene	6.887	146	441964	42.565	ng	96
13) 1,4-Dichlorobenzene	6.957	146	448176	42.708	ng	98
14) 1,2-Dichlorobenzene	7.110	146	433956	43.886	ng	98
15) Benzyl Alcohol	7.087	79	448290	46.869	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	686947	43.269	ng	98
17) 2-Methylphenol	7.187	107	383366	45.917	ng	97
18) Hexachloroethane	7.457	117	175569	44.184	ng	97
19) n-Nitroso-di-n-propyla...	7.357	70	345421	45.069	ng	98
20) 3+4-Methylphenols	7.345	107	470179	43.898	ng	# 86
22) Acetophenone	7.357	105	651742	43.825	ng	# 97
24) Nitrobenzene	7.528	77	529568	44.942	ng	99
25) Isophorone	7.763	82	931303	44.624	ng	99
26) 2-Nitrophenol	7.840	139	229072	46.447	ng	97
27) 2,4-Dimethylphenol	7.875	122	404116	48.573	ng	99
28) bis(2-Chloroethoxy)met...	7.975	93	541018	41.755	ng	99
29) 2,4-Dichlorophenol	8.081	162	342493	43.782	ng	98
30) 1,2,4-Trichlorobenzene	8.163	180	366452	42.380	ng	99
31) Naphthalene	8.251	128	1261331	42.315	ng	100
32) Benzoic acid	8.004	122	277701	47.256	ng	97
33) 4-Chloroaniline	8.292	127	99299	8.461	ng	95
34) Hexachlorobutadiene	8.357	225	204925	41.603	ng	99
35) Caprolactam	8.675	113	72799	27.109	ng	99
36) 4-Chloro-3-methylphenol	8.775	107	446690	45.365	ng	98
37) 2-Methylnaphthalene	8.939	142	848500	44.543	ng	99
38) 1-Methylnaphthalene	9.039	142	781157	42.383	ng	100
40) 1,2,4,5-Tetrachloroben...	9.104	216	327857	44.080	ng	98
41) Hexachlorocyclopentadiene	9.092	237	416203	99.331	ng	99
43) 2,4,6-Trichlorophenol	9.216	196	237342	44.237	ng	99
44) 2,4,5-Trichlorophenol	9.257	196	249300	43.903	ng	98

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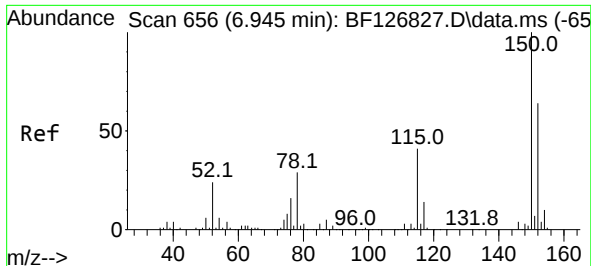
Quant Time: Feb 15 00:58:10 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.404	154	987140	43.685	ng	99
47) 2-Chloronaphthalene	9.434	162	705847	42.293	ng	98
48) 2-Nitroaniline	9.528	65	292960	45.250	ng	98
49) Acenaphthylene	9.851	152	1166579	42.894	ng	99
50) Dimethylphthalate	9.710	163	880957	43.696	ng	100
51) 2,6-Dinitrotoluene	9.769	165	191922	47.022	ng	# 83
52) Acenaphthene	10.022	154	741138	42.616	ng	99
53) 3-Nitroaniline	9.939	138	126140	25.338	ng	100
54) 2,4-Dinitrophenol	10.045	184	182967	78.904	ng	# 79
55) Dibenzofuran	10.192	168	1000487	41.782	ng	98
56) 4-Nitrophenol	10.098	139	322395	90.169	ng	95
57) 2,4-Dinitrotoluene	10.175	165	254389	47.142	ng	95
58) Fluorene	10.539	166	787957	42.900	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.304	232	193720	43.552	ng	99
60) Diethylphthalate	10.404	149	895791	43.078	ng	99
61) 4-Chlorophenyl-phenyle...	10.528	204	360865	41.913	ng	92
62) 4-Nitroaniline	10.563	138	204182	43.623	ng	97
63) Azobenzene	10.686	77	993586	41.971	ng	99
65) 4,6-Dinitro-2-methylph...	10.581	198	117160	41.415	ng	99
66) n-Nitrosodiphenylamine	10.645	169	695053	42.925	ng	100
67) 4-Bromophenyl-phenylether	11.016	248	230316	42.819	ng	97
68) Hexachlorobenzene	11.080	284	258377	44.601	ng	95
69) Atrazine	11.175	200	224922	45.513	ng	98
70) Pentachlorophenol	11.275	266	287829	89.969	ng	99
71) Phenanthrene	11.504	178	1169042	42.627	ng	99
72) Anthracene	11.557	178	1196003	43.647	ng	100
73) Carbazole	11.710	167	1031594	41.359	ng	99
74) Di-n-butylphthalate	12.027	149	1376612	42.810	ng	100
75) Fluoranthene	12.692	202	1125693	43.882	ng	100
77) Benzidine	12.810	184	266886	35.650	ng	99
78) Pyrene	12.922	202	1128592	43.707	ng	100
80) Butylbenzylphthalate	13.533	149	520716	44.033	ng	98
81) Benzo(a)anthracene	14.110	228	827313	42.926	ng	100
82) 3,3'-Dichlorobenzidine	14.069	252	143629	25.023	ng	97
83) Chrysene	14.151	228	802077	44.319	ng	98
84) Bis(2-ethylhexyl)phtha...	14.086	149	663156	43.249	ng	99
85) Di-n-octyl phthalate	14.704	149	934117	44.381	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	689738	45.219	ng	98
88) Benzo(b)fluoranthene	15.180	252	695889	50.922	ng	99
89) Benzo(k)fluoranthene	15.216	252	606940	43.018	ng	99
90) Benzo(a)pyrene	15.563	252	605154	54.267	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	593183	46.827	ng	99
92) Benzo(g,h,i)perylene	17.645	276	577404	45.819	ng	98

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

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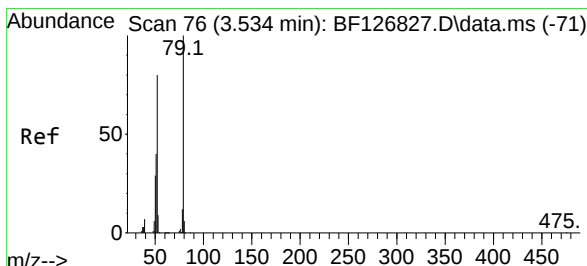
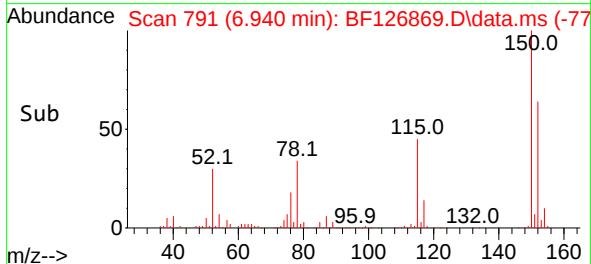
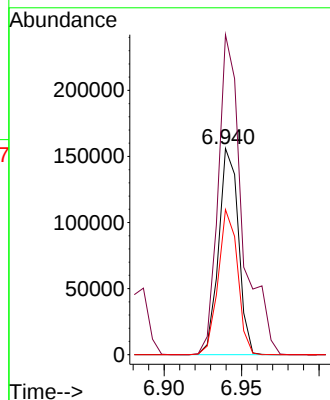
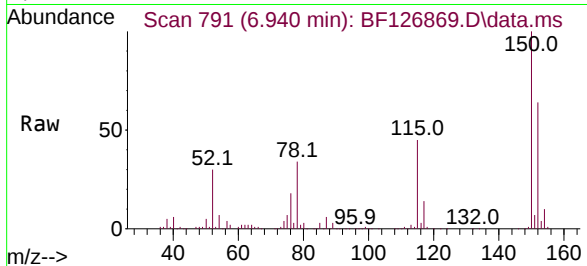




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

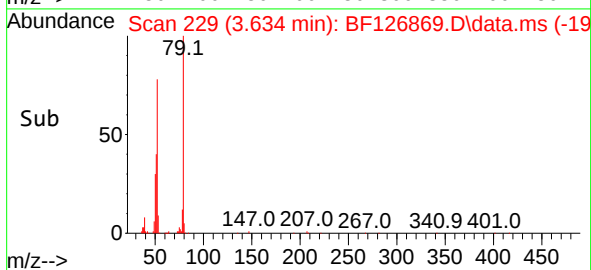
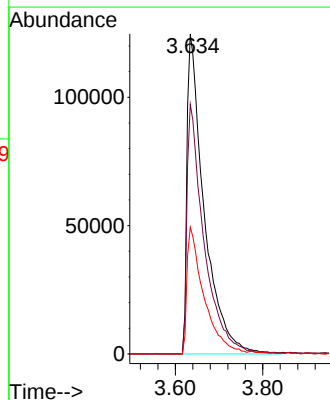
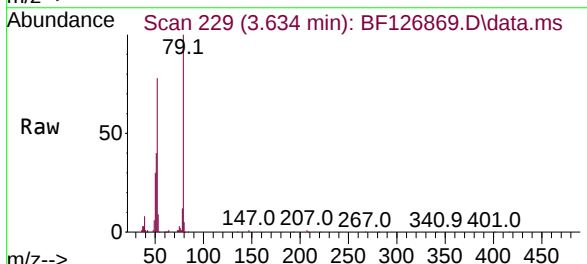
Instrument :
BNA_F
ClientSampleId :
PB142610BS

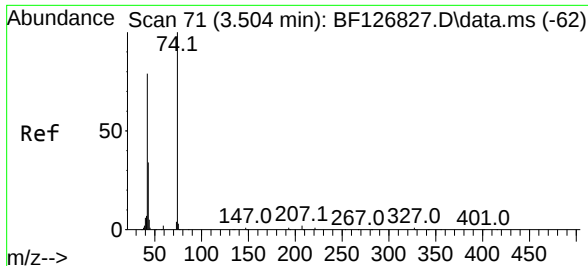
Tgt Ion:152 Resp: 138034
Ion Ratio Lower Upper
152 100
150 155.2 124.3 186.5
115 70.4 50.5 75.7



#3
Pyridine
Concen: 29.646 ng
RT: 3.634 min Scan# 229
Delta R.T. 0.100 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion: 79 Resp: 337098
Ion Ratio Lower Upper
79 100
52 78.0 64.1 96.1
51 39.7 31.8 47.6

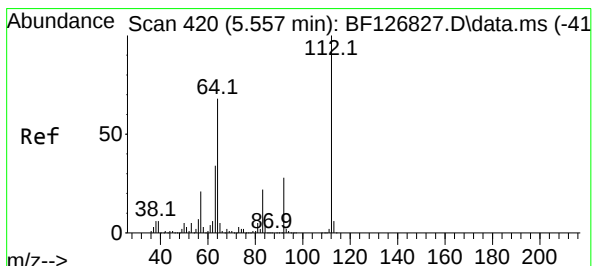
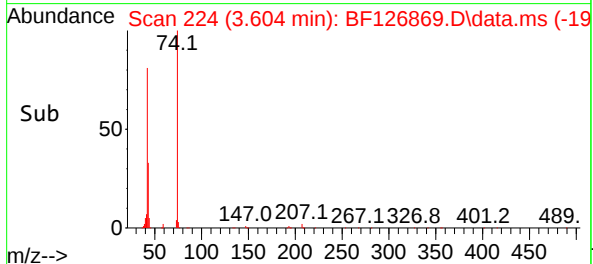
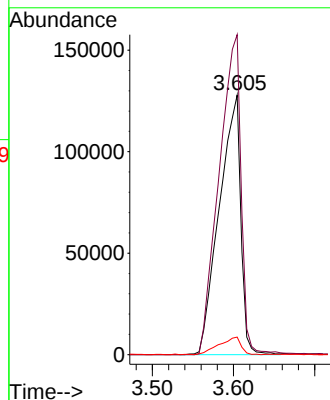
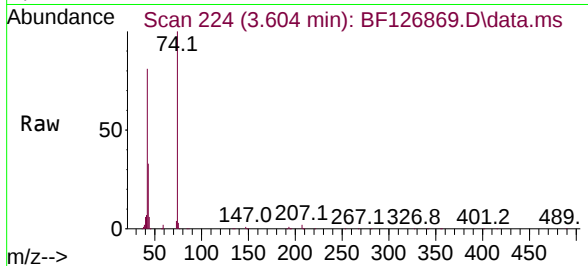




#4
n-Nitrosodimethylamine
Concen: 44.064 ng
RT: 3.604 min Scan# 21
Delta R.T. 0.100 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

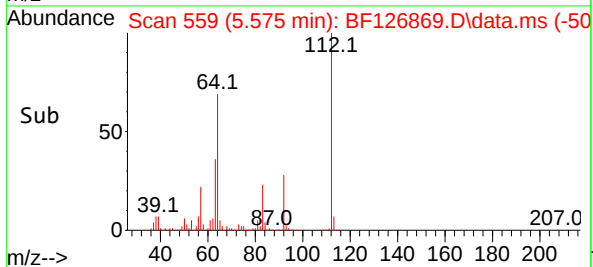
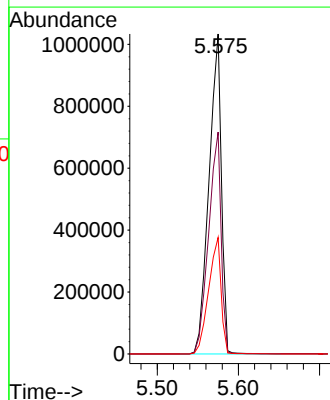
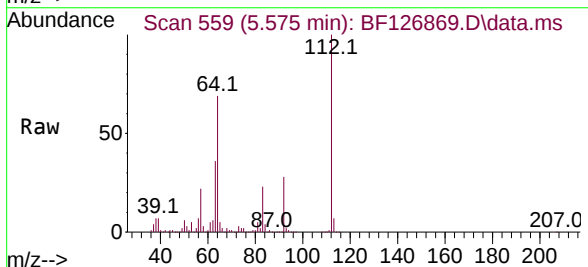
Instrument :
BNA_F
ClientSampleId :
PB142610BS

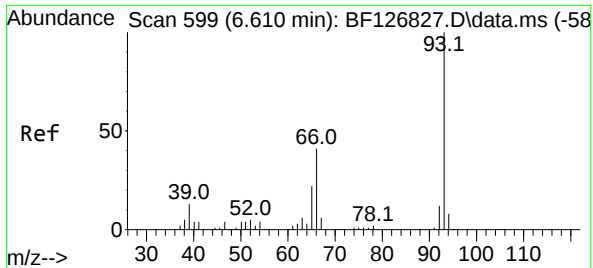
Tgt Ion: 42 Resp: 235261
Ion Ratio Lower Upper
42 100
74 123.3 101.8 152.6
44 6.8 5.4 8.2



#5
2-Fluorophenol
Concen: 122.512 ng
RT: 5.575 min Scan# 559
Delta R.T. 0.018 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion: 112 Resp: 1098347
Ion Ratio Lower Upper
112 100
64 69.4 54.3 81.5
63 36.4 27.5 41.3

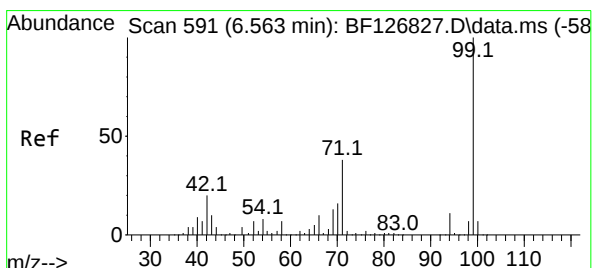
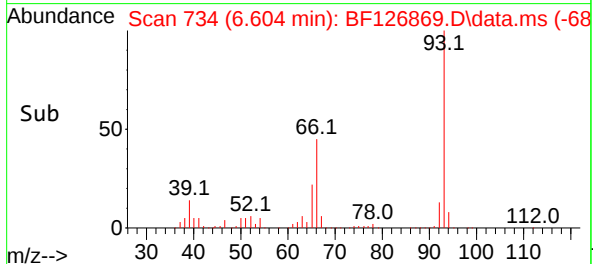
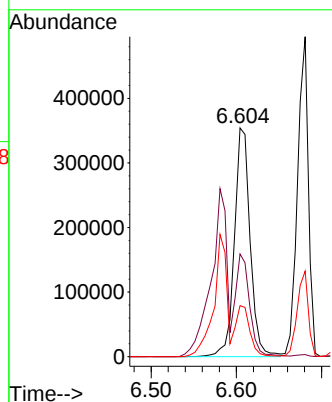
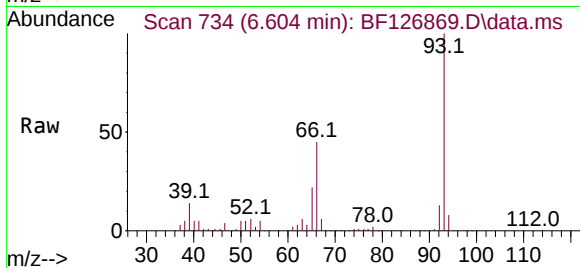




#6
Aniline
Concen: 31.192 ng
RT: 6.604 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

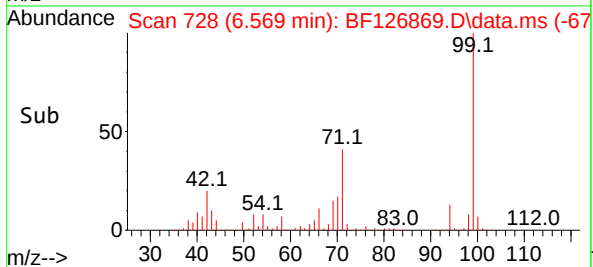
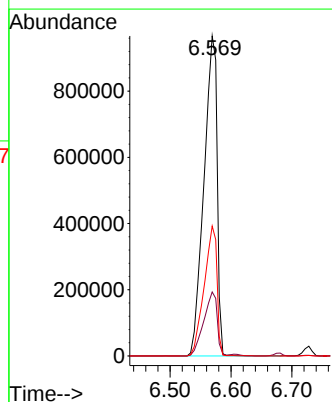
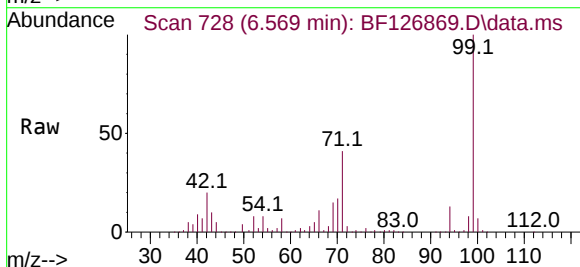
Instrument :
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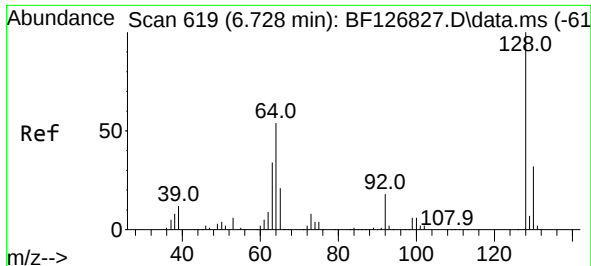
Tgt Ion: 93 Resp: 454649
Ion Ratio Lower Upper
93 100
66 44.9 33.7 50.5
65 22.3 17.6 26.4



#7
Phenol-d6
Concen: 120.454 ng
RT: 6.569 min Scan# 728
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion: 99 Resp: 1457847
Ion Ratio Lower Upper
99 100
42 20.0 15.8 23.6
71 40.6 30.6 45.8

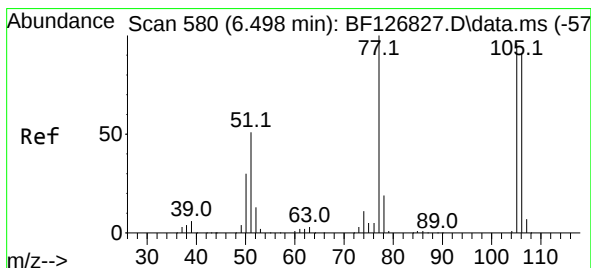
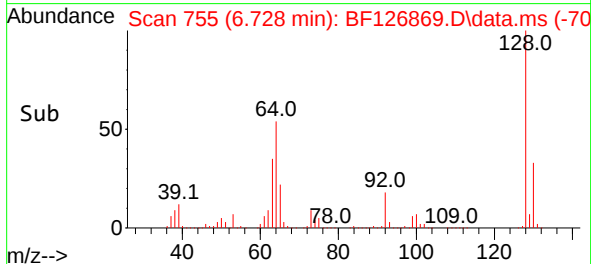
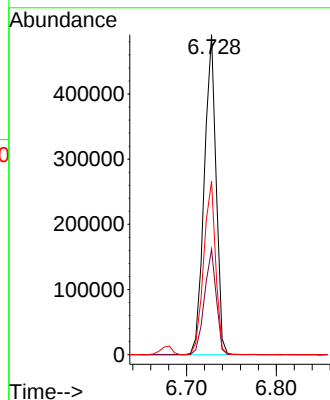
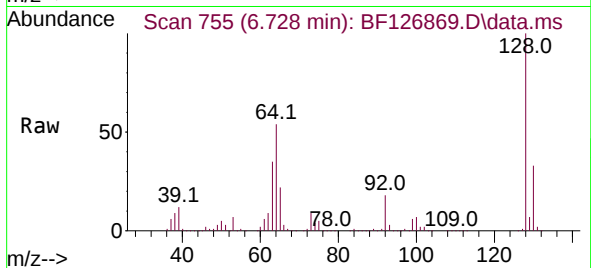




#8
2-Chlorophenol
Concen: 47.186 ng
RT: 6.728 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

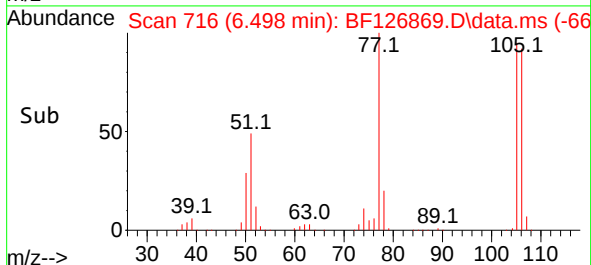
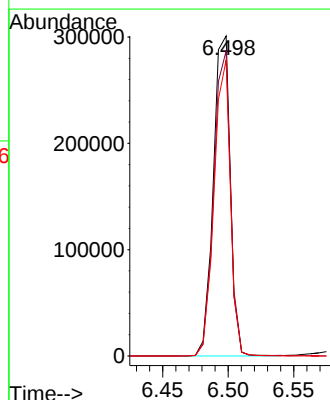
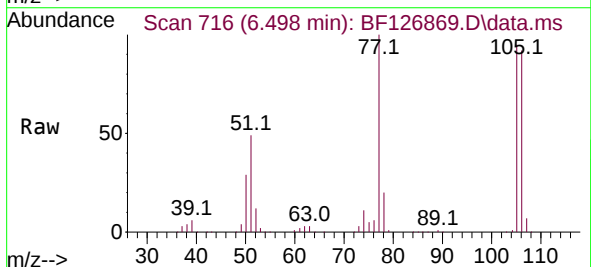
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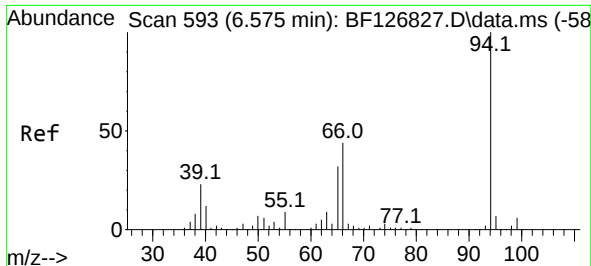
Tgt Ion:128 Resp: 450270
Ion Ratio Lower Upper
128 100
130 32.9 12.0 52.0
64 54.2 34.9 74.9



#9
Benzaldehyde
Concen: 36.926 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion: 77 Resp: 271727
Ion Ratio Lower Upper
77 100
105 95.3 75.8 115.8
106 92.5 71.1 111.1





#10

Phenol

Concen: 47.967 ng

RT: 6.581 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

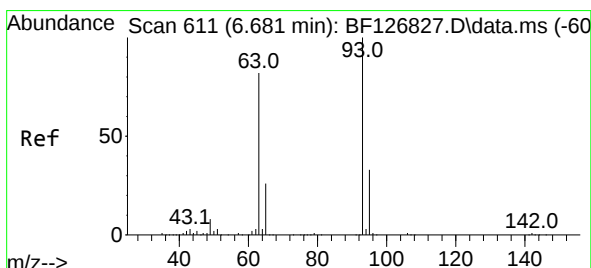
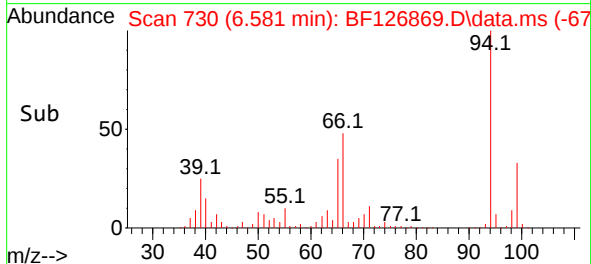
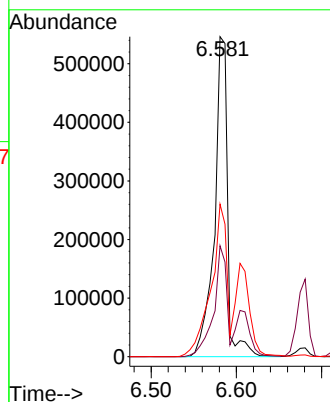
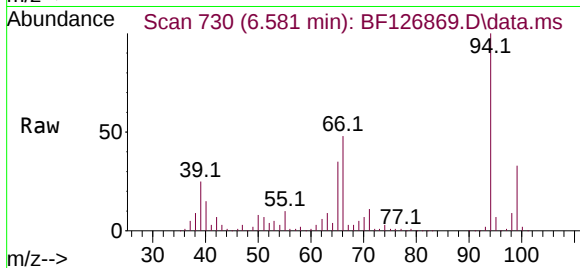
Tgt Ion: 94 Resp: 585159

Ion Ratio Lower Upper

94 100

65 34.7 12.1 52.1

66 47.7 23.6 63.6



#11

bis(2-Chloroethyl)ether

Concen: 45.003 ng

RT: 6.681 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

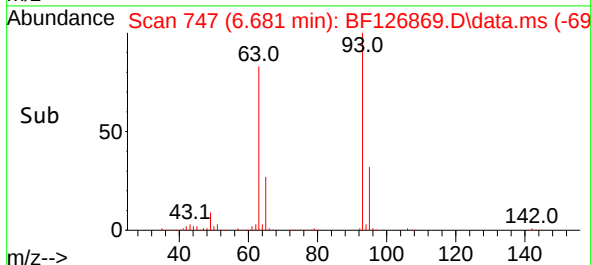
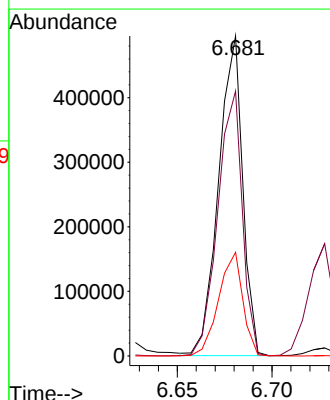
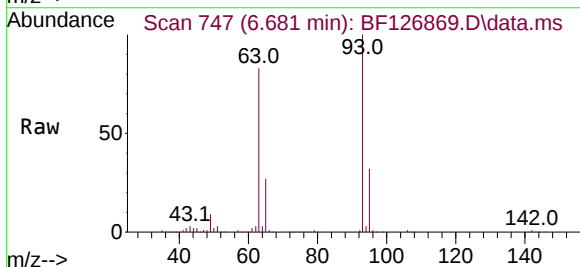
Tgt Ion: 93 Resp: 437103

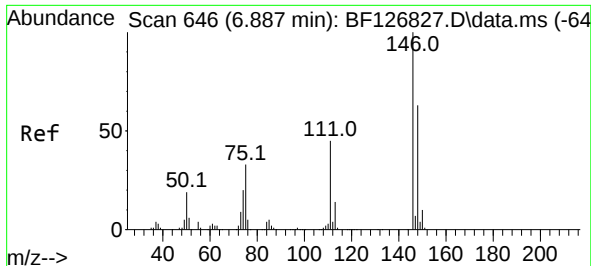
Ion Ratio Lower Upper

93 100

63 82.8 61.9 101.9

95 32.4 13.0 53.0





#12

1,3-Dichlorobenzene

Concen: 42.565 ng

RT: 6.887 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

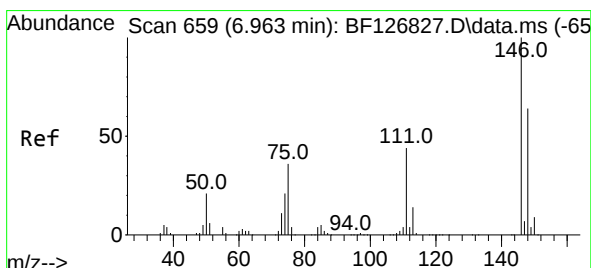
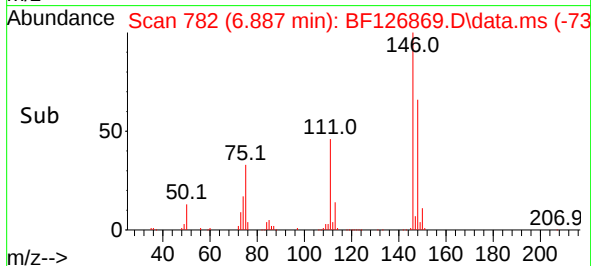
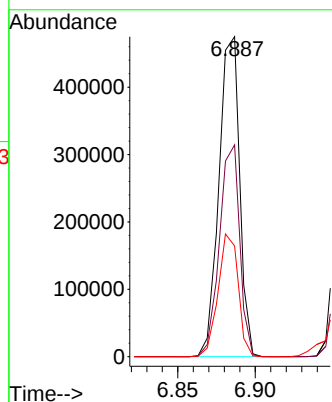
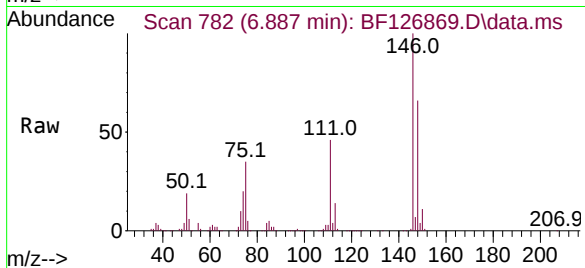
Tgt Ion:146 Resp: 441964

Ion Ratio Lower Upper

146 100

148 66.2 50.4 75.6

75 34.6 26.2 39.4



#13

1,4-Dichlorobenzene

Concen: 42.708 ng

RT: 6.957 min Scan# 794

Delta R.T. -0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

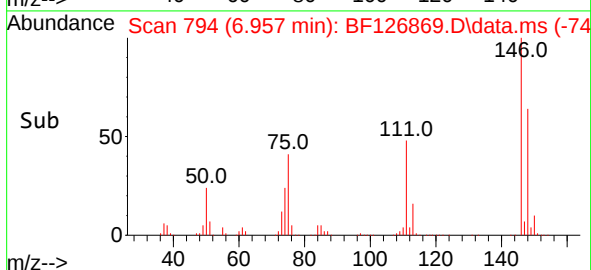
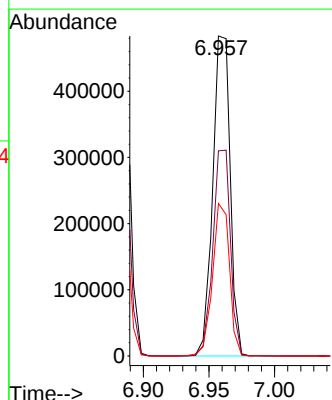
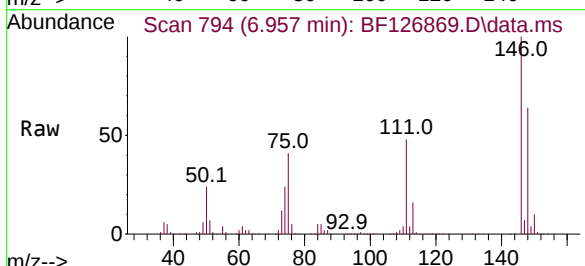
Tgt Ion:146 Resp: 448176

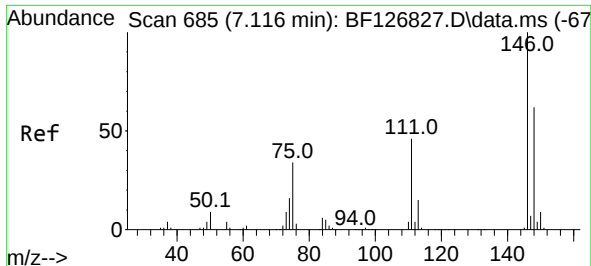
Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

111 47.6 35.5 53.3

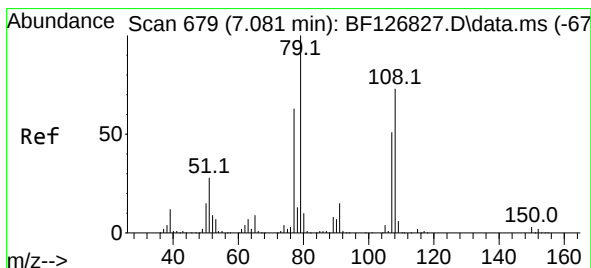
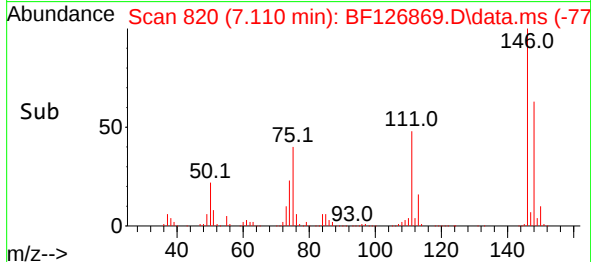
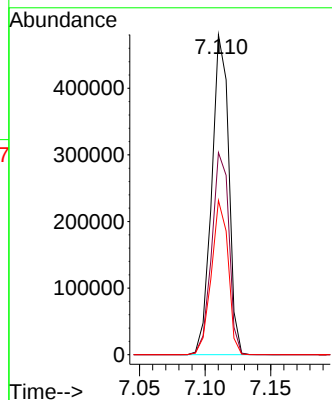
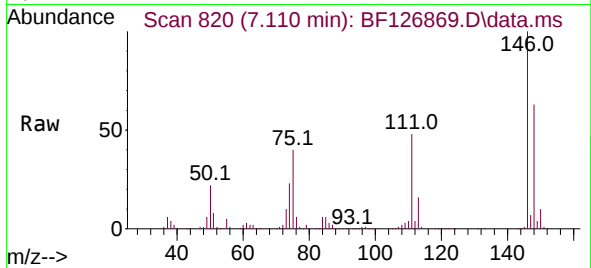




#14
1,2-Dichlorobenzene
Concen: 43.886 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

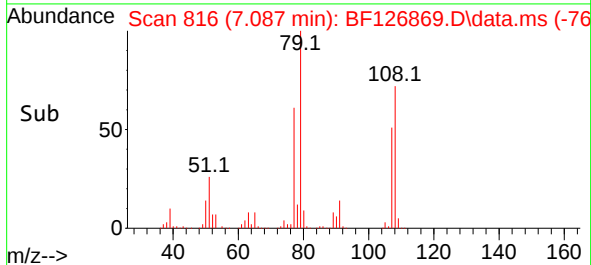
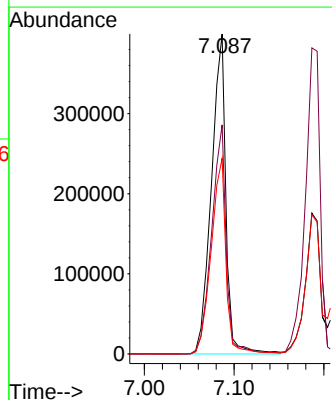
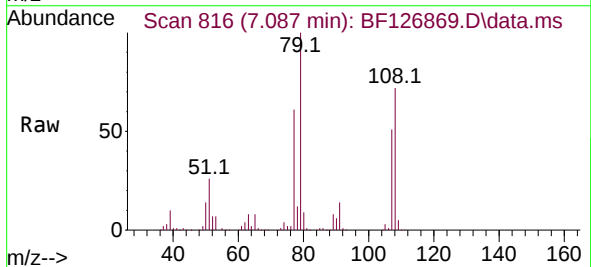
Instrument :
BNA_F
ClientSampleId :
PB142610BS

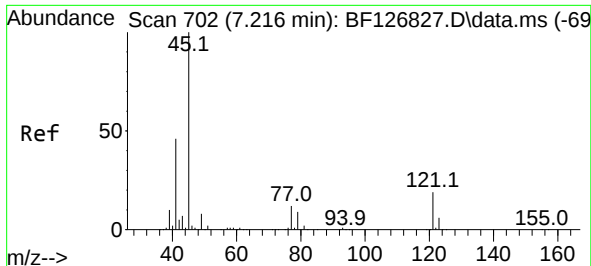
Tgt Ion:146 Resp: 433956
Ion Ratio Lower Upper
146 100
148 63.2 49.8 74.8
111 48.2 37.1 55.7



#15
Benzyl Alcohol
Concen: 46.869 ng
RT: 7.087 min Scan# 816
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion: 79 Resp: 448290
Ion Ratio Lower Upper
79 100
108 71.6 58.1 87.1
77 61.1 50.0 75.0

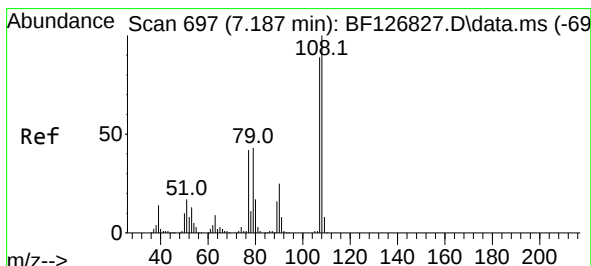
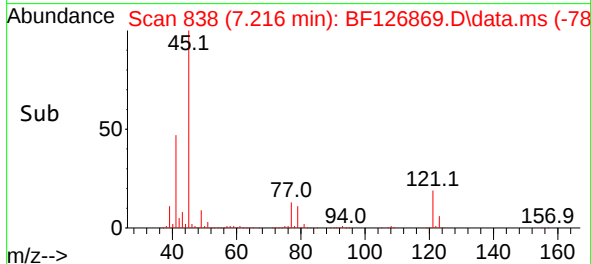
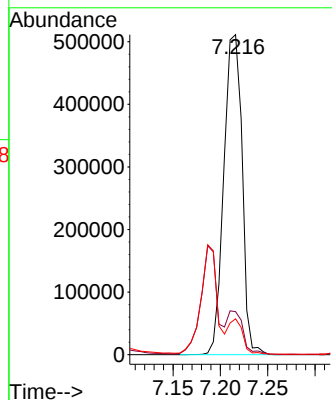
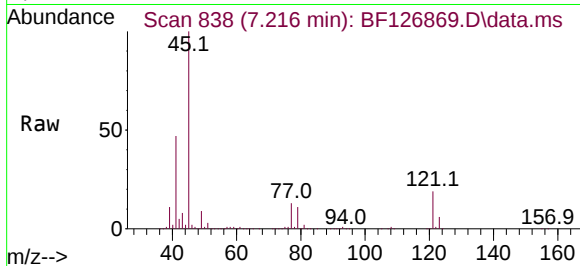




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.269 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

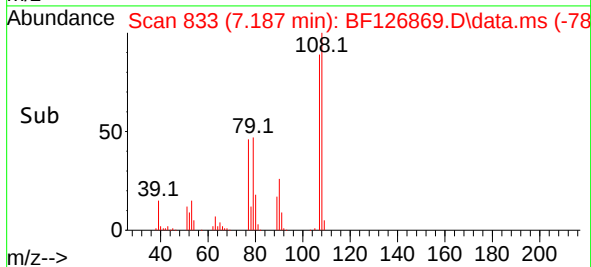
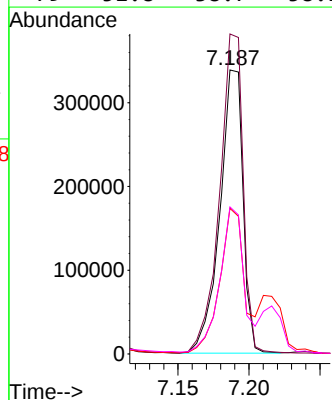
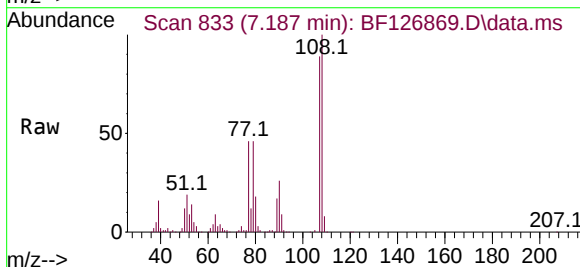
Instrument :
BNA_F
ClientSampleId :
PB142610BS

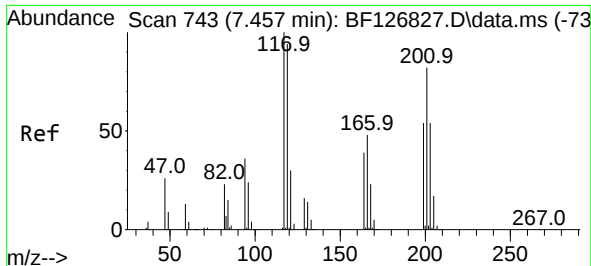
Tgt Ion: 45 Resp: 686947
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.8
79 11.2 0.0 30.0



#17
2-Methylphenol
Concen: 45.917 ng
RT: 7.187 min Scan# 833
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:107 Resp: 383366
Ion Ratio Lower Upper
107 100
108 112.7 90.0 135.0
77 51.3 38.0 57.0
79 51.8 38.7 58.1

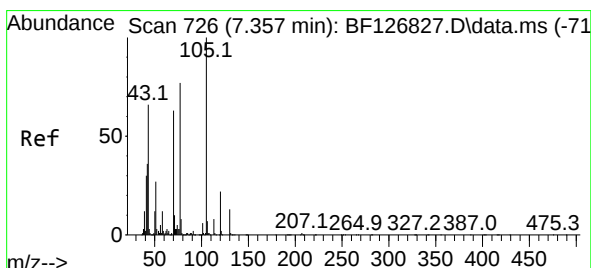
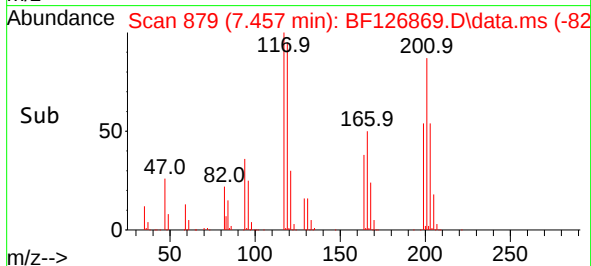
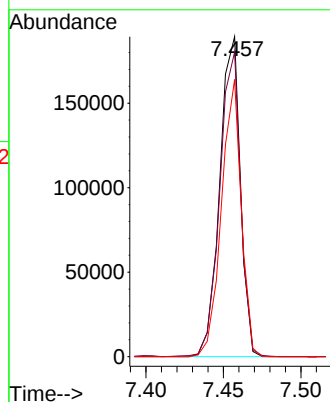
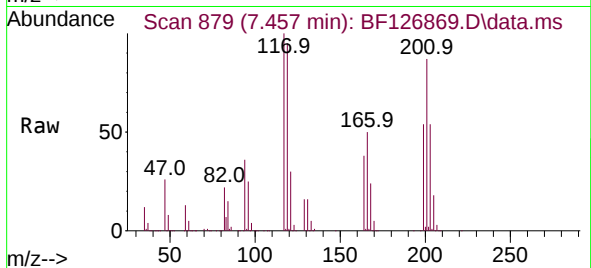




#18
Hexachloroethane
Concen: 44.184 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

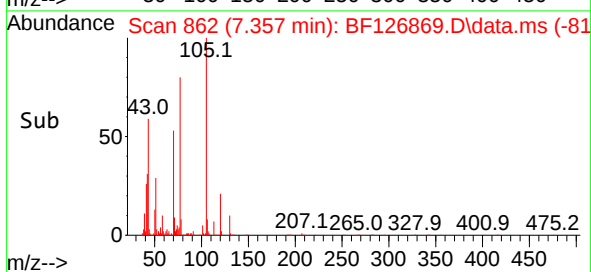
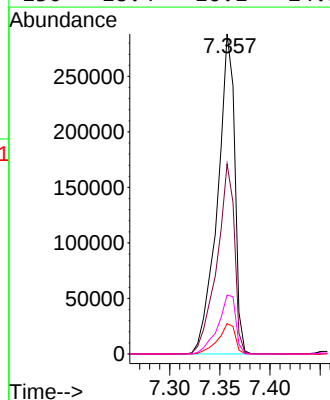
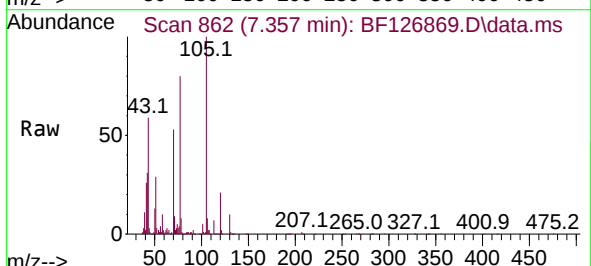
Instrument :
BNA_F
ClientSampleId :
PB142610BS

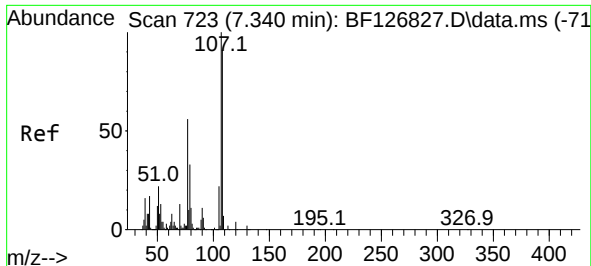
Tgt Ion:117 Resp: 175569
Ion Ratio Lower Upper
117 100
119 95.2 75.1 112.7
201 86.6 65.3 97.9



#19
n-Nitroso-di-n-propylamine
Concen: 45.069 ng
RT: 7.357 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion: 70 Resp: 345421
Ion Ratio Lower Upper
70 100
42 59.4 46.3 69.5
101 9.5 7.5 11.3
130 18.4 16.1 24.1

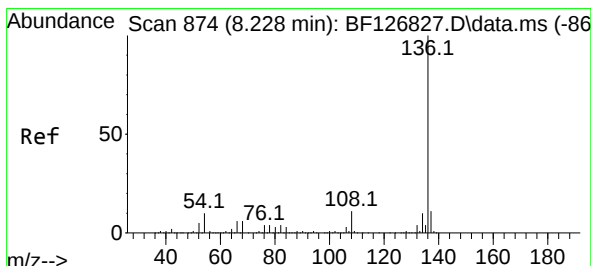
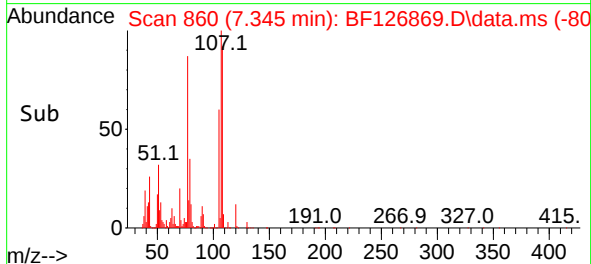
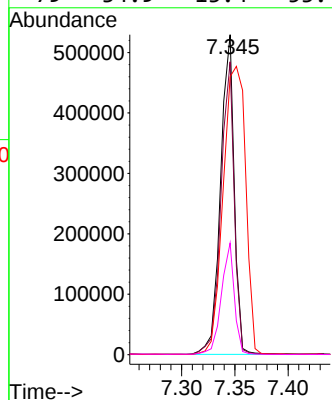
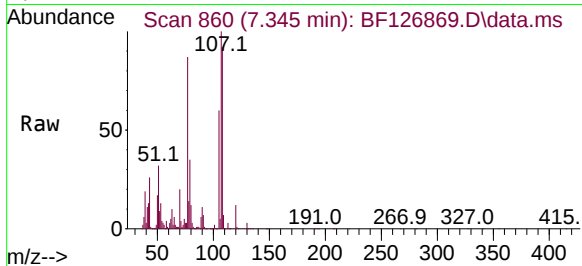




#20
3+4-Methylphenols
Concen: 43.898 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

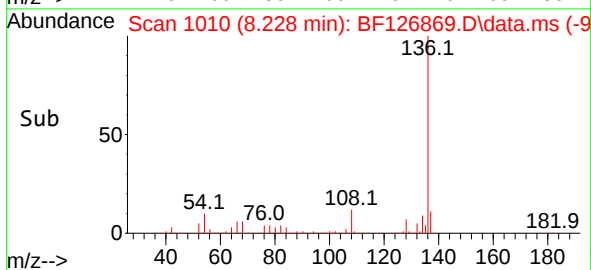
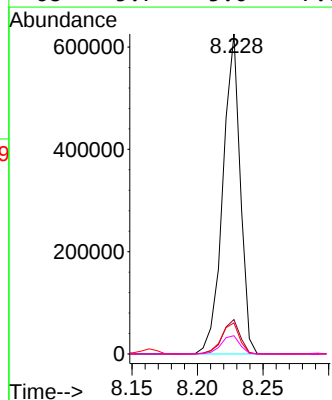
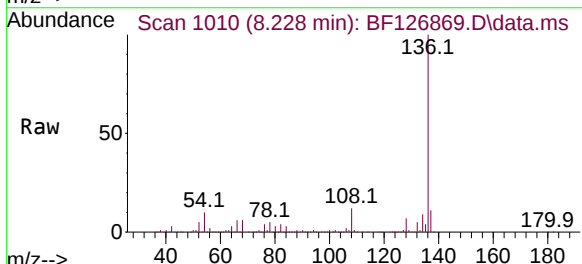
Instrument :
BNA_F
ClientSampleId :
PB142610BS

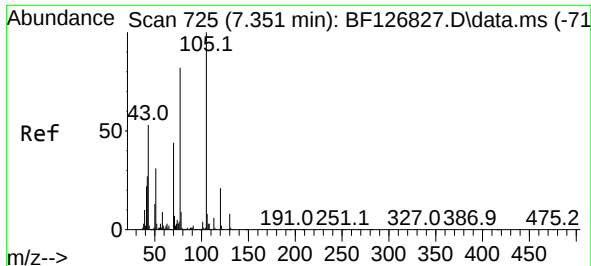
Tgt Ion:107 Resp: 470179
Ion Ratio Lower Upper
107 100
108 91.6 70.6 110.6
77 86.9 35.6 75.6#
79 34.9 13.4 53.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:136 Resp: 574750
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.7 8.0 12.0
68 5.7 5.0 7.6

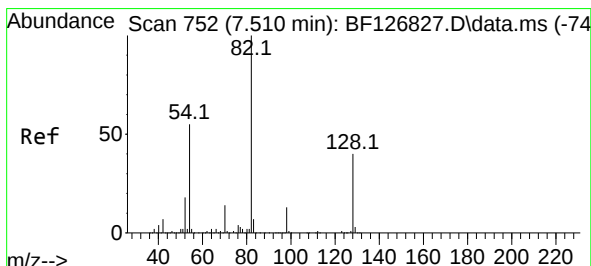
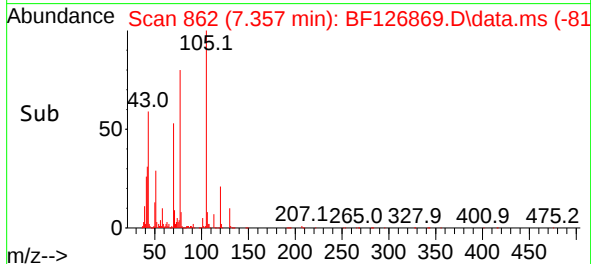
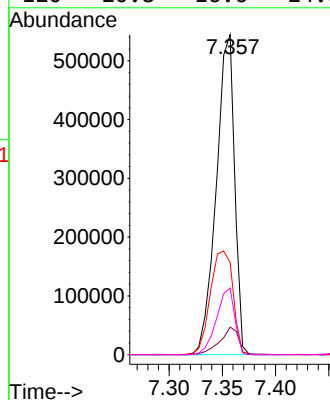
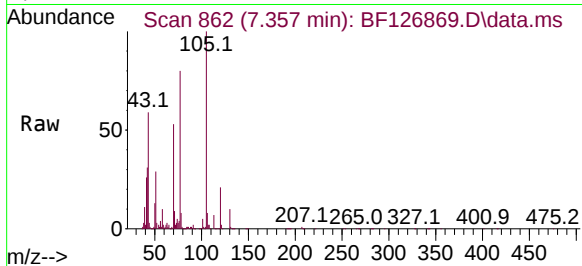




#22
Acetophenone
Concen: 43.825 ng
RT: 7.357 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

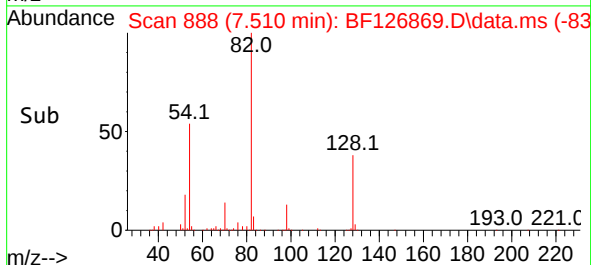
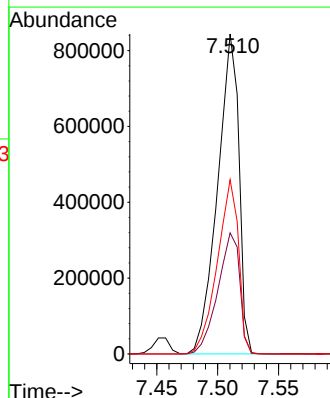
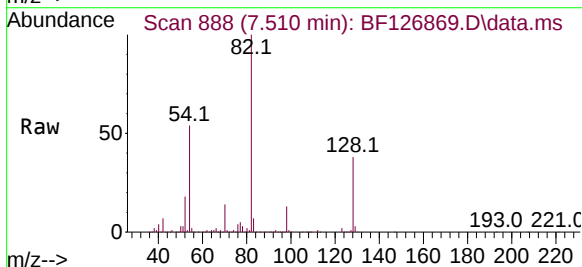
Instrument :
BNA_F
ClientSampleId :
PB142610BS

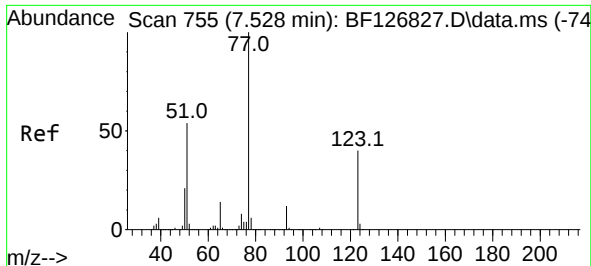
Tgt Ion:105 Resp: 651742
Ion Ratio Lower Upper
105 100
71 8.6 5.7 8.5#
51 28.8 25.0 37.4
120 20.8 16.6 24.8



#23
Nitrobenzene-d5
Concen: 82.576 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion: 82 Resp: 1028623
Ion Ratio Lower Upper
82 100
128 37.9 31.6 47.4
54 54.5 43.7 65.5

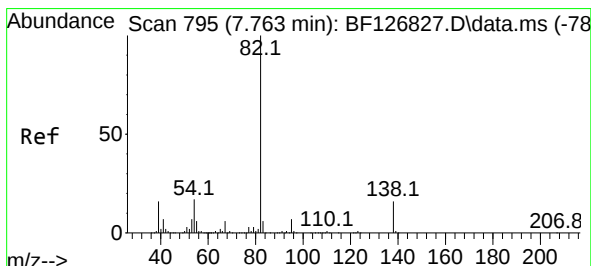
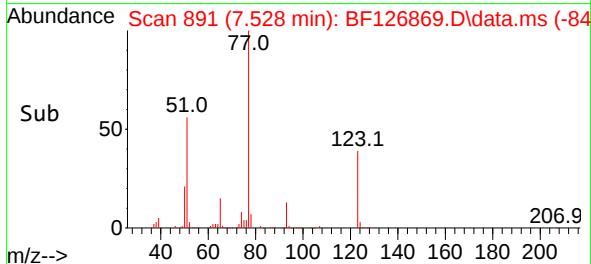
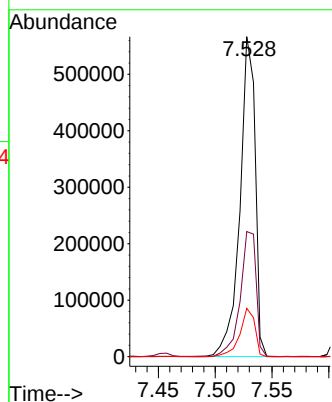
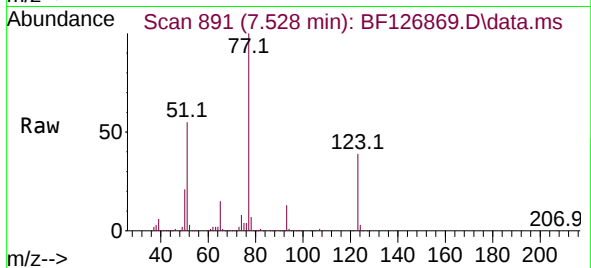




#24
Nitrobenzene
Concen: 44.942 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

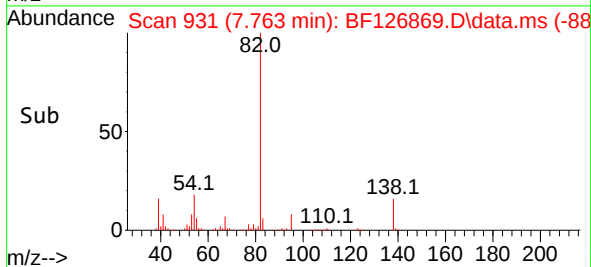
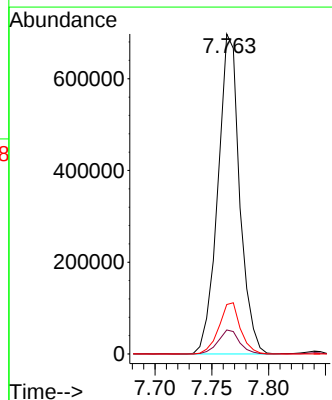
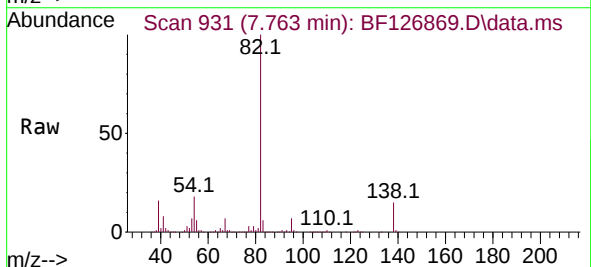
Instrument :
BNA_F
ClientSampleId :
PB142610BS

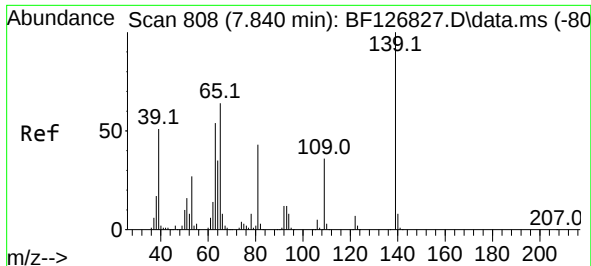
Tgt Ion: 77 Resp: 529568
Ion Ratio Lower Upper
77 100
123 39.1 31.9 47.9
65 15.1 11.4 17.2



#25
Isophorone
Concen: 44.624 ng
RT: 7.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion: 82 Resp: 931303
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 15.5 12.6 19.0

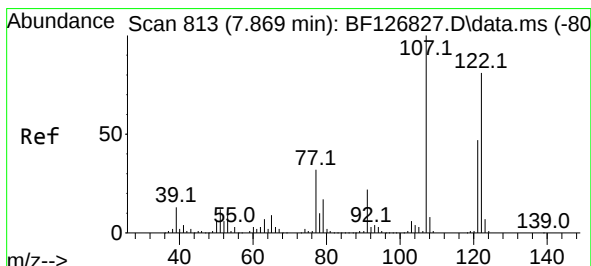
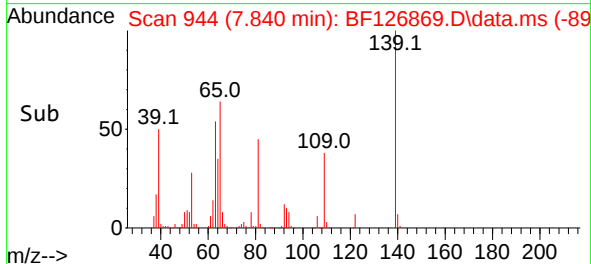
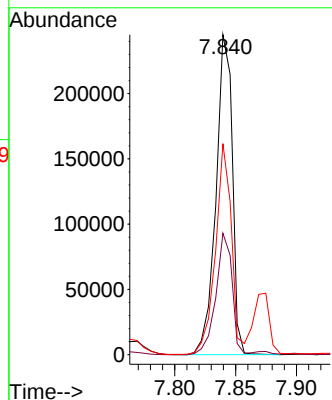
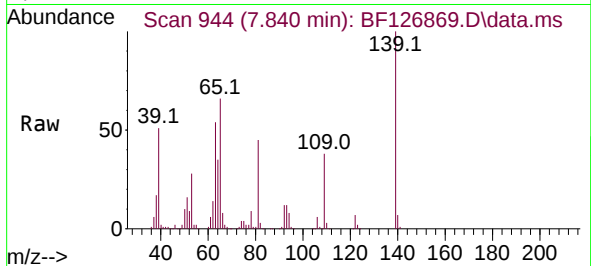




#26
2-Nitrophenol
Concen: 46.447 ng
RT: 7.840 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

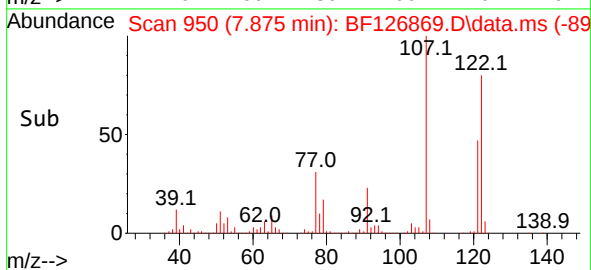
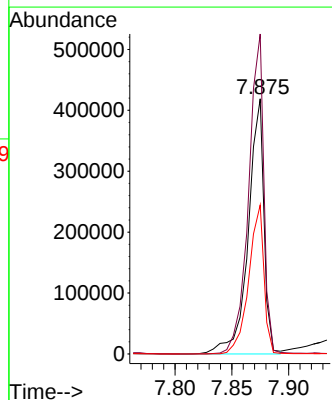
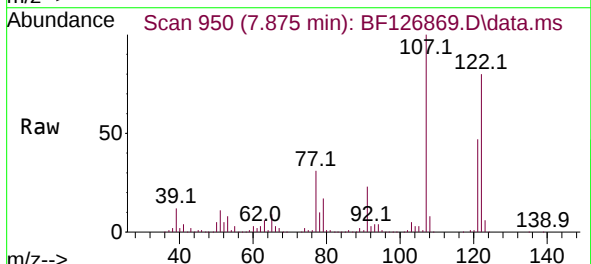
Instrument :
BNA_F
ClientSampleId :
PB142610BS

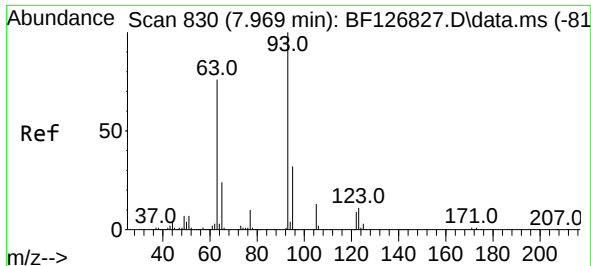
Tgt Ion:139 Resp: 229072
Ion Ratio Lower Upper
139 100
109 37.9 28.9 43.3
65 65.9 51.2 76.8



#27
2,4-Dimethylphenol
Concen: 48.573 ng
RT: 7.875 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:122 Resp: 404116
Ion Ratio Lower Upper
122 100
107 125.4 98.9 148.3
121 58.4 46.2 69.4

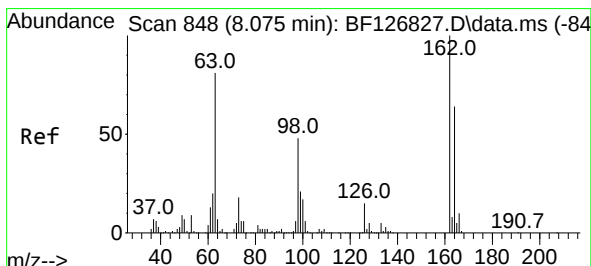
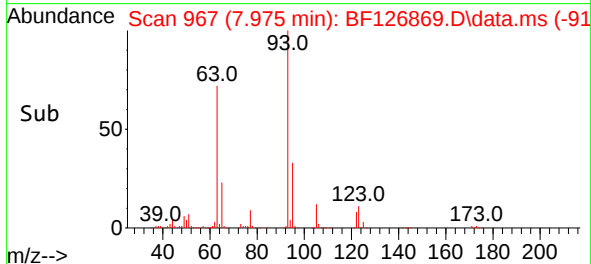
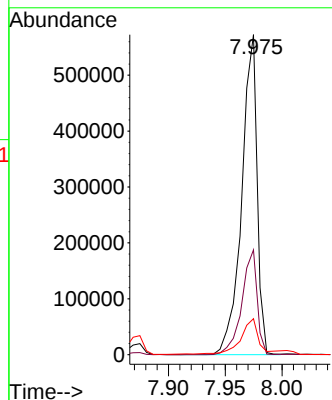
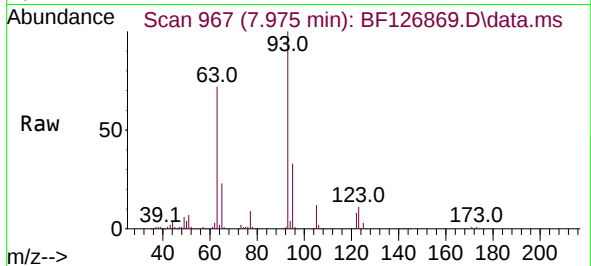




#28
bis(2-Chloroethoxy)methane
Concen: 41.755 ng
RT: 7.975 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

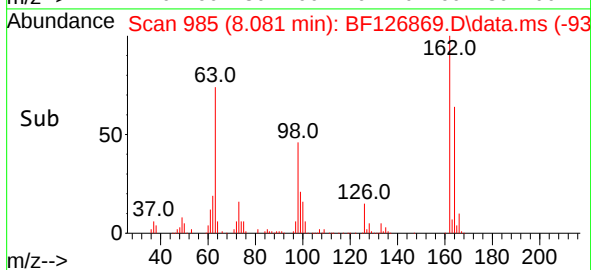
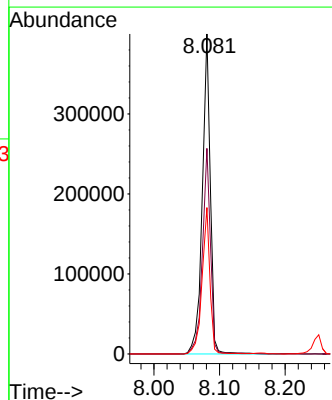
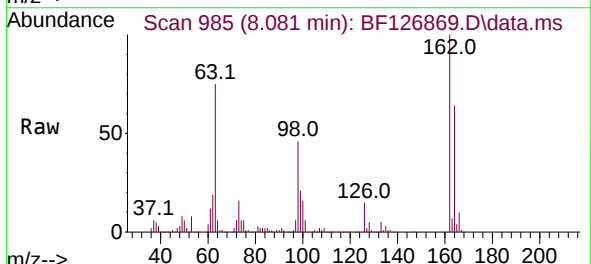
Instrument :
BNA_F
ClientSampleId :
PB142610BS

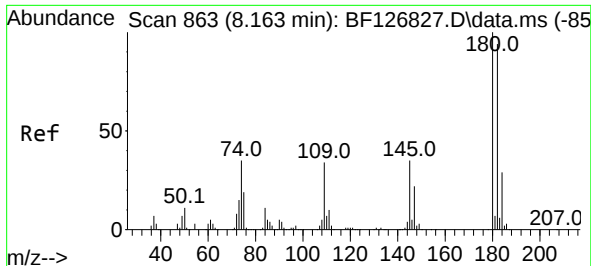
Tgt Ion: 93 Resp: 541018
Ion Ratio Lower Upper
93 100
95 32.8 25.5 38.3
123 11.3 9.0 13.4



#29
2,4-Dichlorophenol
Concen: 43.782 ng
RT: 8.081 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion: 162 Resp: 342493
Ion Ratio Lower Upper
162 100
164 64.3 43.9 83.9
98 45.7 28.4 68.4

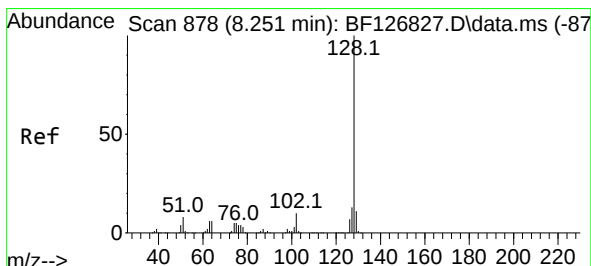
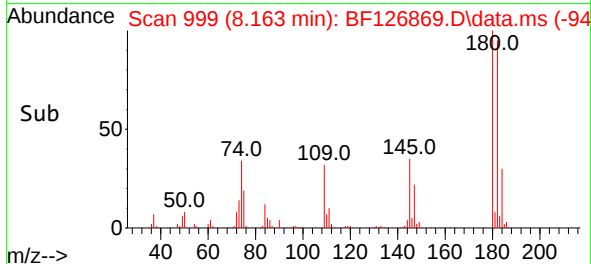
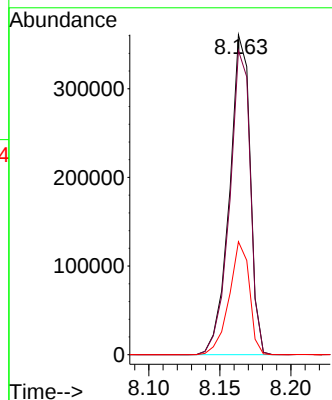
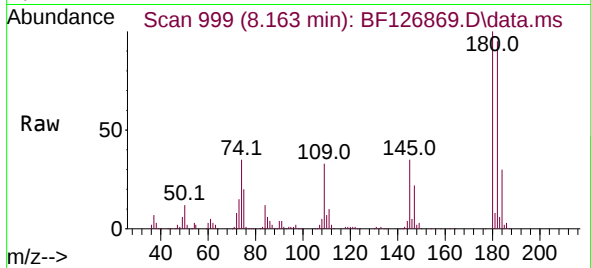




#30
1,2,4-Trichlorobenzene
Concen: 42.380 ng
RT: 8.163 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

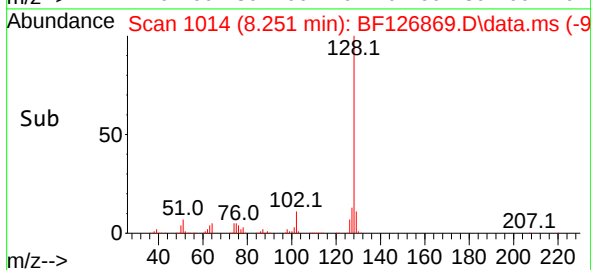
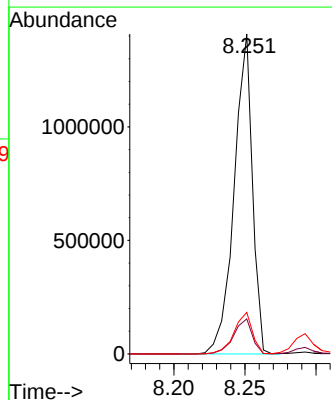
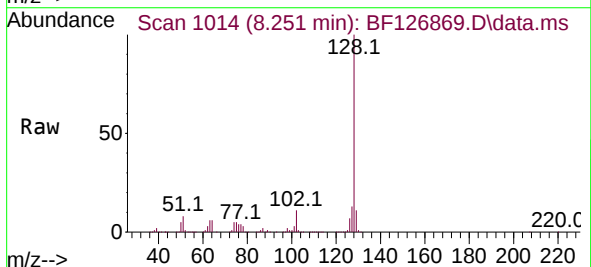
Instrument :
BNA_F
ClientSampleId :
PB142610BS

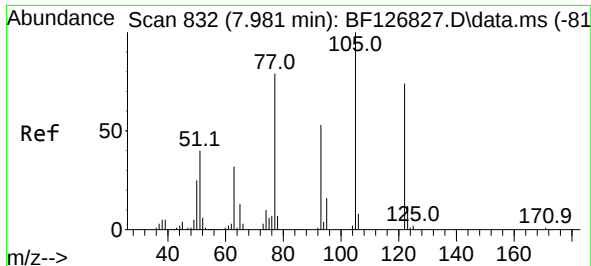
Tgt Ion:180 Resp: 366452
Ion Ratio Lower Upper
180 100
182 95.0 75.2 112.8
145 35.3 27.7 41.5



#31
Naphthalene
Concen: 42.315 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:128 Resp: 1261331
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.6 15.8





#32

Benzoic acid

Concen: 47.256 ng

RT: 8.004 min Scan# 91

Delta R.T. 0.024 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

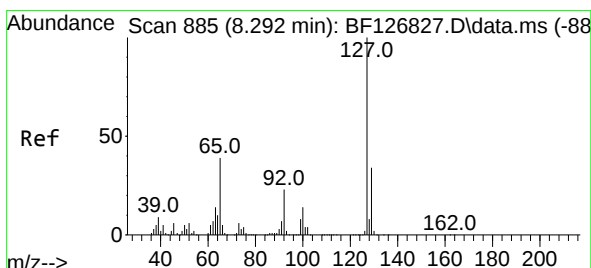
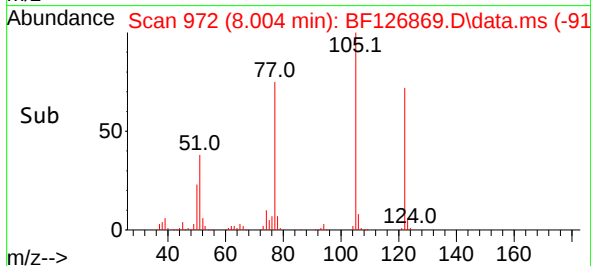
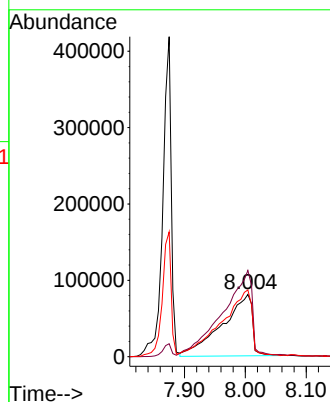
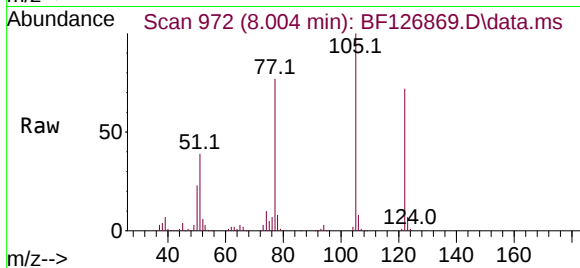
Tgt Ion:122 Resp: 277701

Ion Ratio Lower Upper

122 100

105 138.4 112.5 152.5

77 107.0 86.6 126.6



#33

4-Chloroaniline

Concen: 8.461 ng

RT: 8.292 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Tgt Ion:127 Resp: 99299

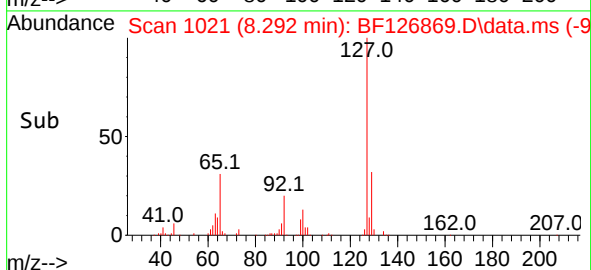
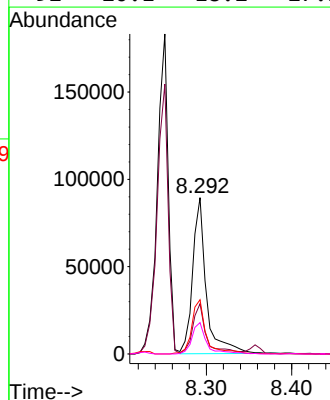
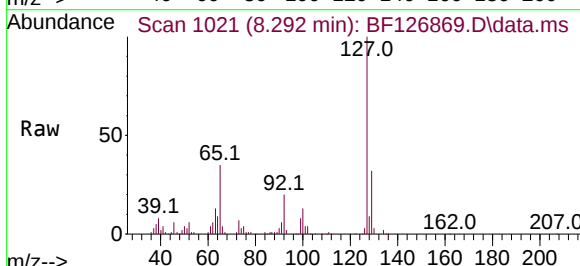
Ion Ratio Lower Upper

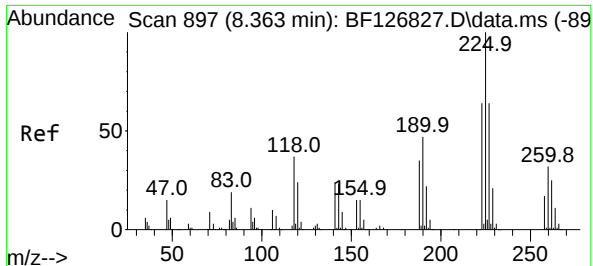
127 100

129 32.1 27.1 40.7

65 34.7 31.4 47.2

92 20.1 18.2 27.2

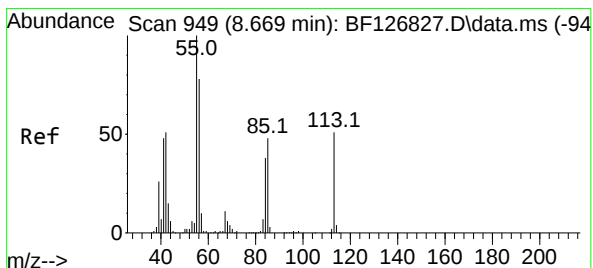
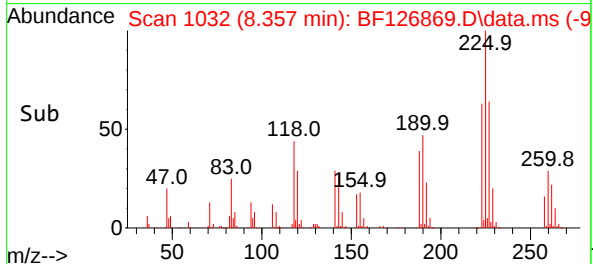
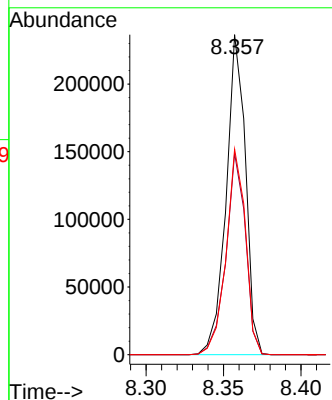
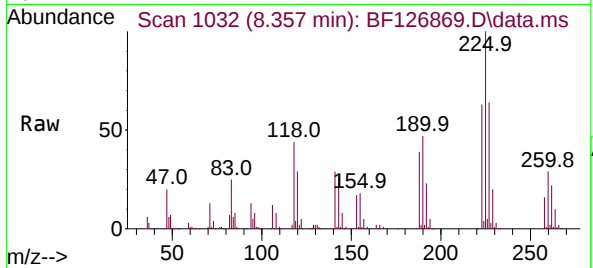




#34
Hexachlorobutadiene
Concen: 41.603 ng
RT: 8.357 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

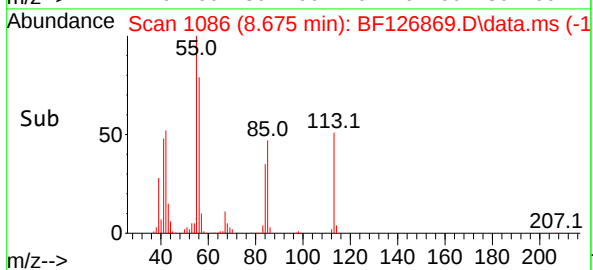
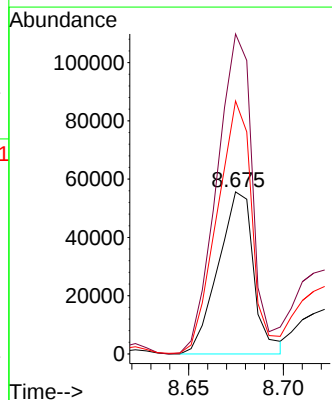
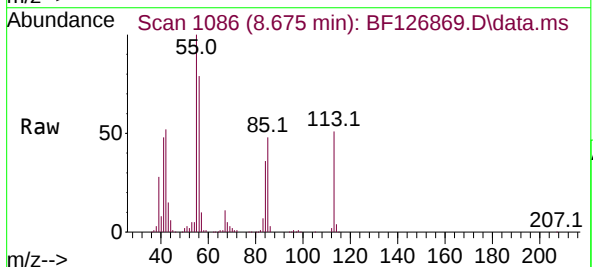
Instrument :
BNA_F
ClientSampleId :
PB142610BS

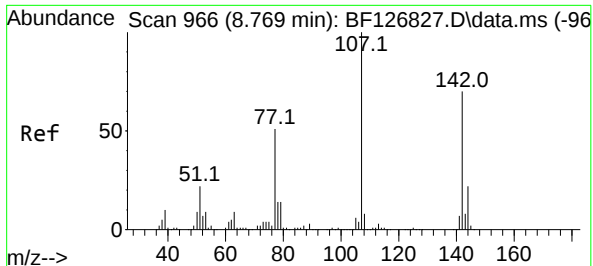
Tgt Ion:225 Resp: 204925
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.4
227 64.3 51.5 77.3



#35
Caprolactam
Concen: 27.109 ng
RT: 8.675 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:113 Resp: 72799
Ion Ratio Lower Upper
113 100
55 197.4 178.3 218.3
56 156.0 135.1 175.1

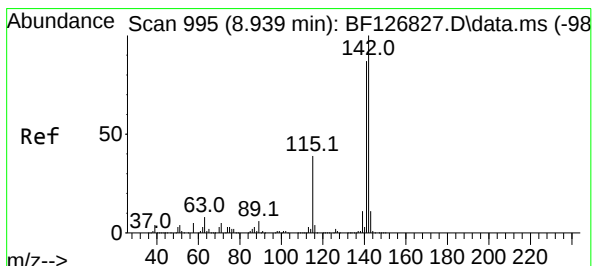
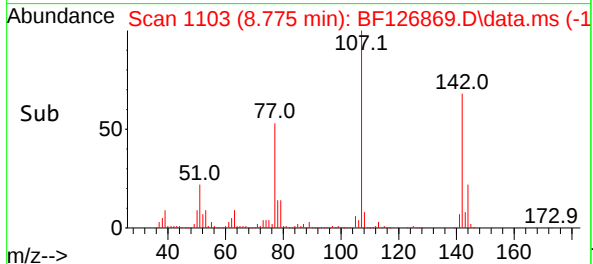
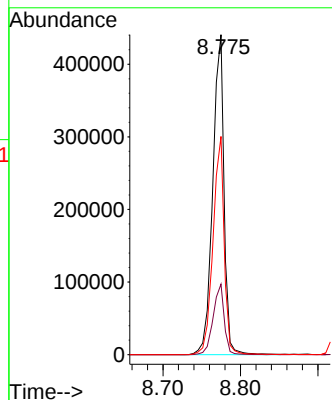
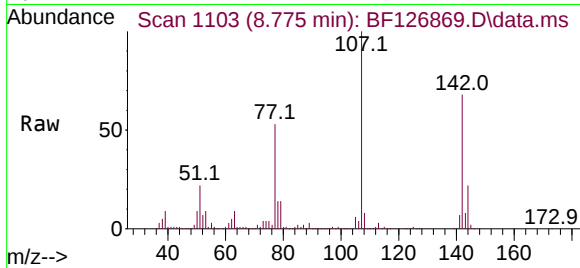




#36
4-Chloro-3-methylphenol
Concen: 45.365 ng
RT: 8.775 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

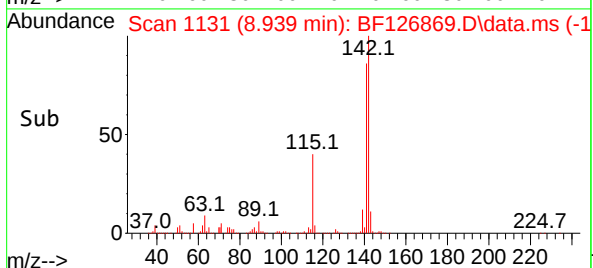
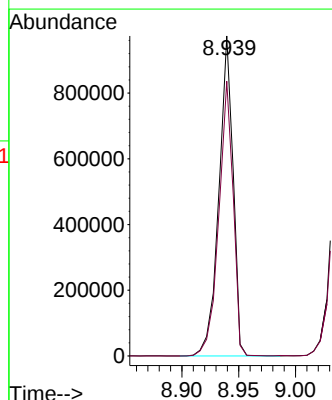
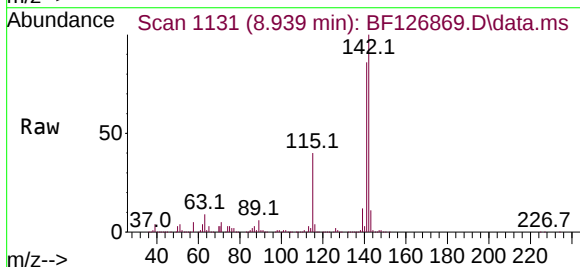
Instrument :
BNA_F
ClientSampleId :
PB142610BS

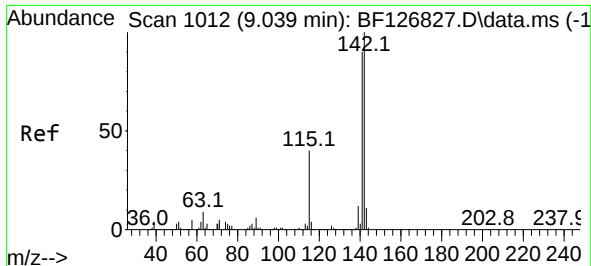
Tgt Ion:107 Resp: 446690
Ion Ratio Lower Upper
107 100
144 22.1 17.4 26.2
142 68.2 55.8 83.8



#37
2-Methylnaphthalene
Concen: 44.543 ng
RT: 8.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:142 Resp: 848500
Ion Ratio Lower Upper
142 100
141 85.8 69.7 104.5





#38

1-Methylnaphthalene

Concen: 42.383 ng

RT: 9.039 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

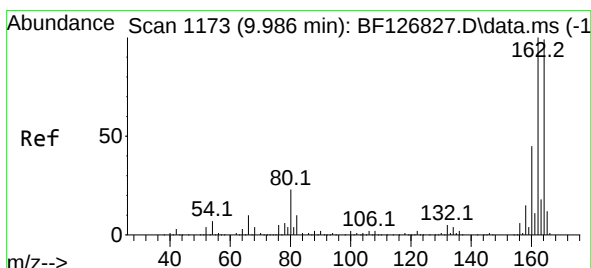
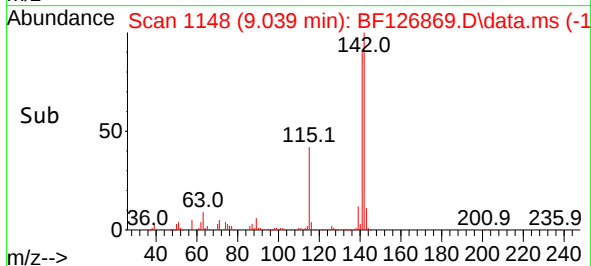
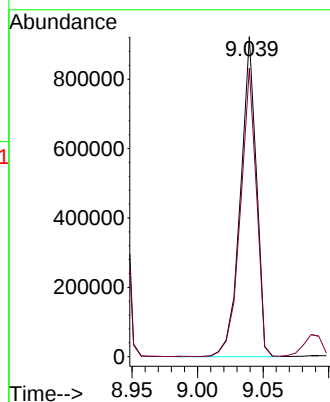
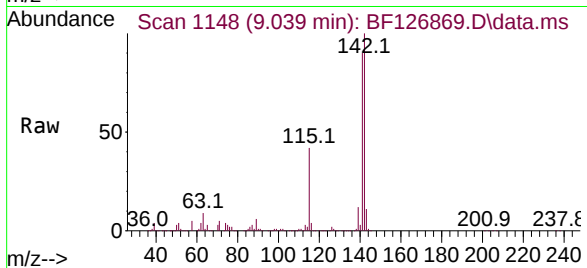
PB142610BS

Tgt Ion:142 Resp: 781157

Ion Ratio Lower Upper

142 100

141 90.2 72.3 108.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

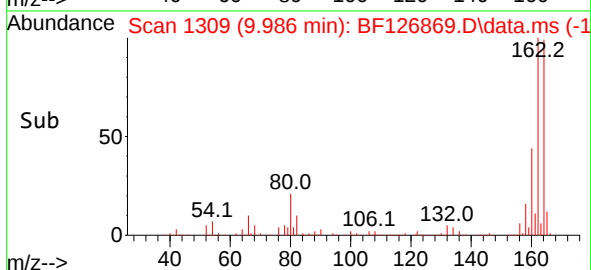
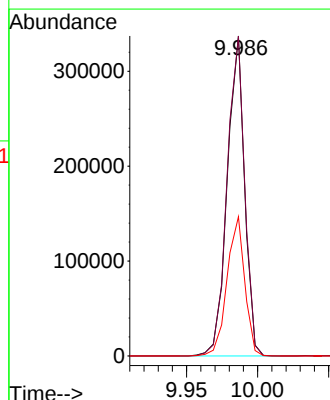
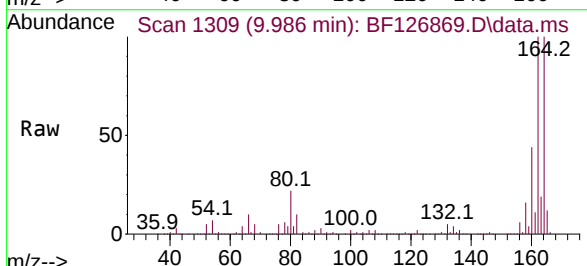
Tgt Ion:164 Resp: 284882

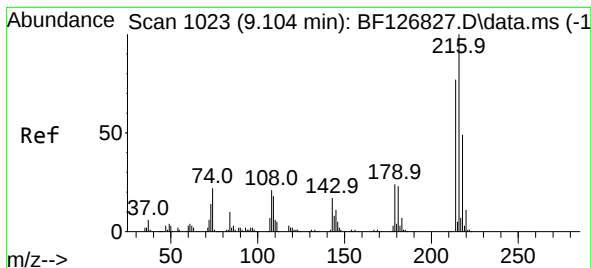
Ion Ratio Lower Upper

164 100

162 99.9 80.9 121.3

160 43.5 36.0 54.0





#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.080 ng

RT: 9.104 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

Tgt Ion:216 Resp: 327857

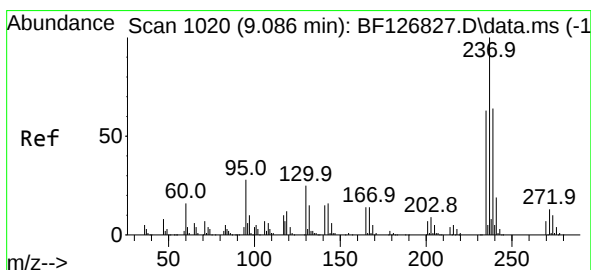
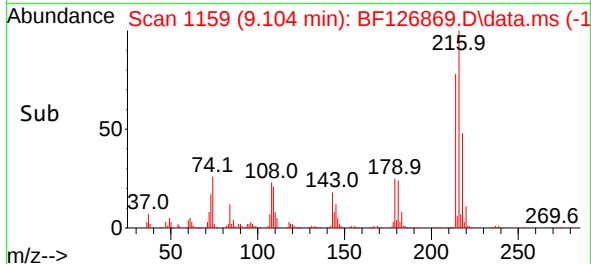
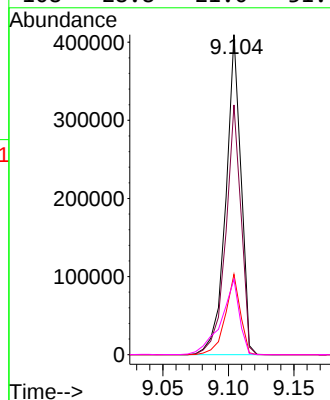
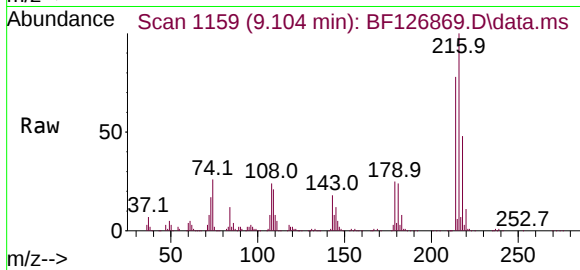
Ion Ratio Lower Upper

216 100

214 78.5 62.3 93.5

179 24.8 19.8 29.6

108 28.8 21.0 31.4



#41

Hexachlorocyclopentadiene

Concen: 99.331 ng

RT: 9.092 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

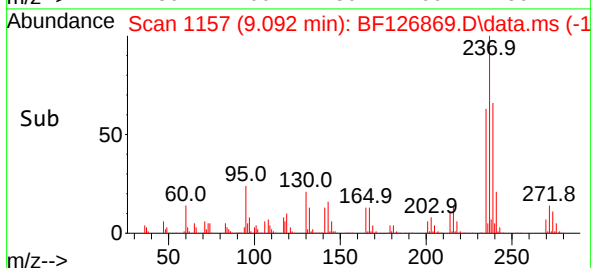
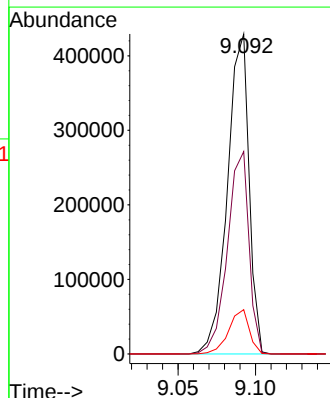
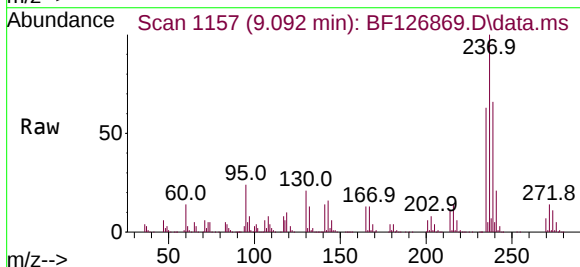
Tgt Ion:237 Resp: 416203

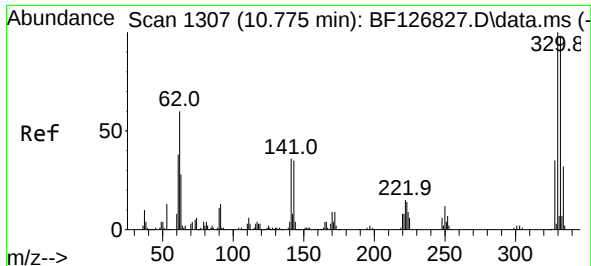
Ion Ratio Lower Upper

237 100

235 63.3 42.8 82.8

272 13.9 0.0 32.9





#42

2,4,6-Tribromophenol

Concen: 130.263 ng

RT: 10.781 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF126869.D

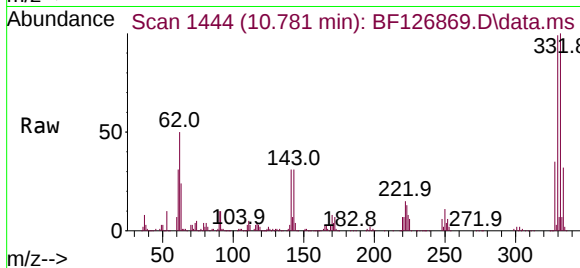
Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS



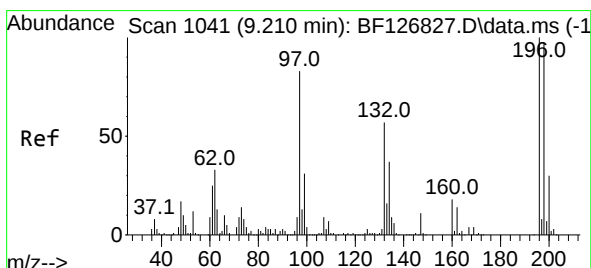
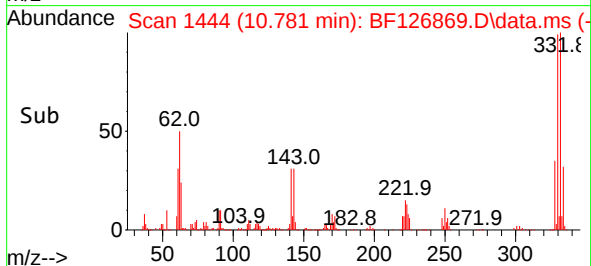
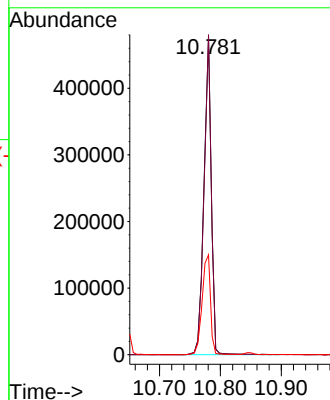
Tgt Ion:330 Resp: 397840

Ion Ratio Lower Upper

330 100

332 98.7 78.2 117.4

141 35.9 31.2 46.8



#43

2,4,6-Trichlorophenol

Concen: 44.237 ng

RT: 9.216 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

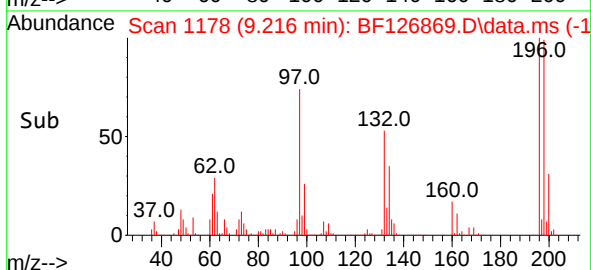
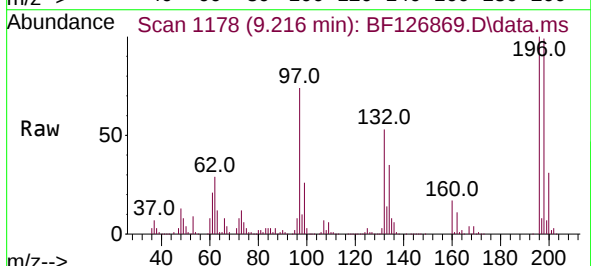
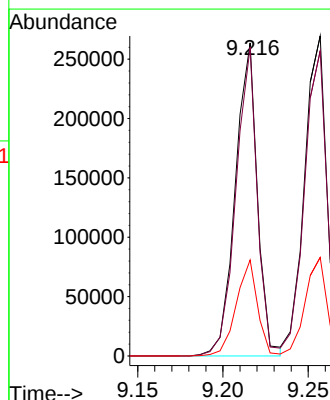
Tgt Ion:196 Resp: 237342

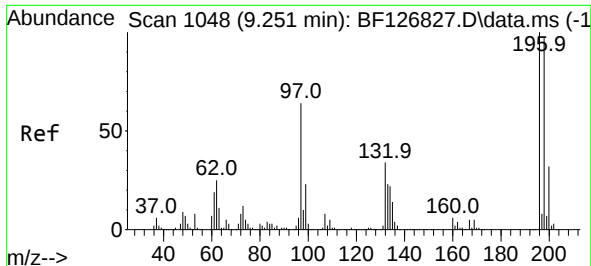
Ion Ratio Lower Upper

196 100

198 98.6 77.8 116.6

200 30.7 23.8 35.6

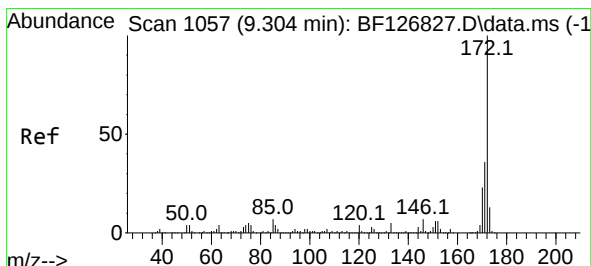
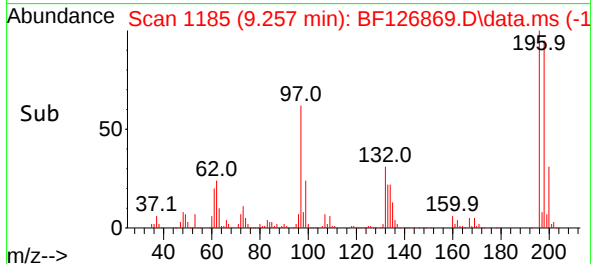
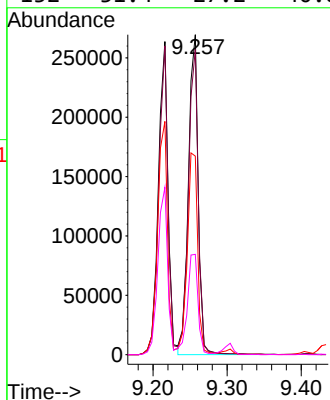
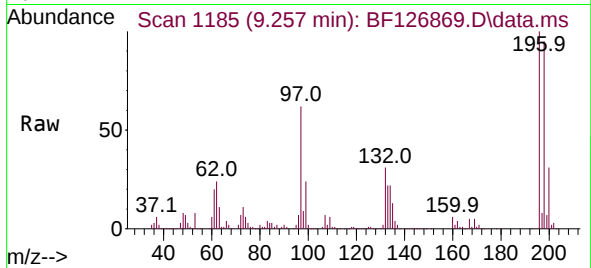




#44
2,4,5-Trichlorophenol
Concen: 43.903 ng
RT: 9.257 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

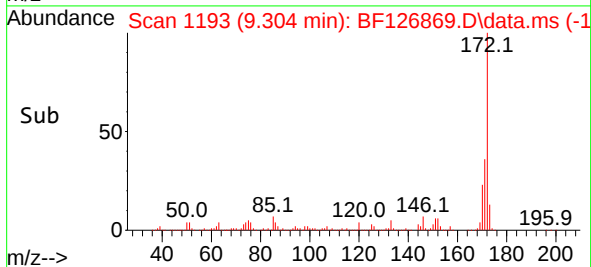
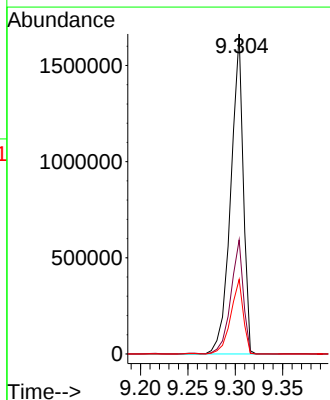
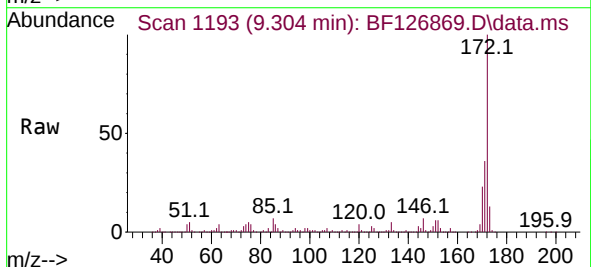
Instrument :
BNA_F
ClientSampleId :
PB142610BS

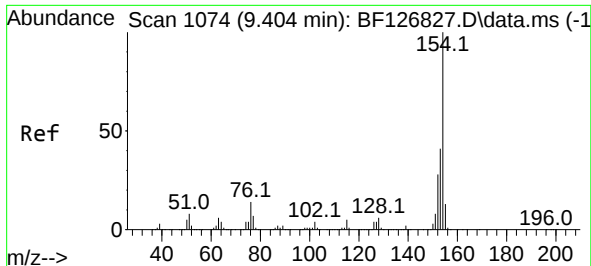
Tgt Ion:196 Resp: 249300
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 62.1 51.0 76.4
132 31.4 27.2 40.8



#45
2-Fluorobiphenyl
Concen: 80.705 ng
RT: 9.304 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:172 Resp: 1527380
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.3 18.7 28.1

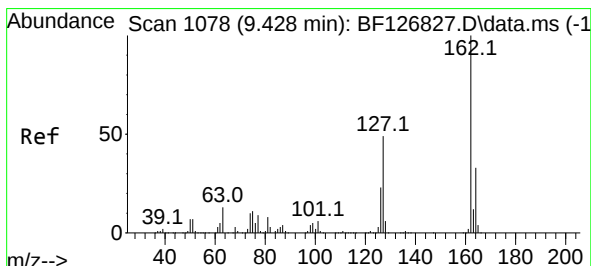
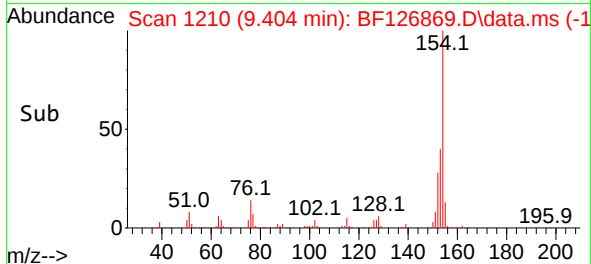
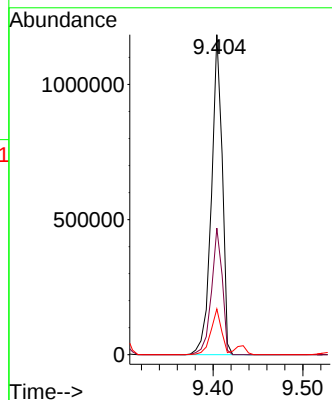
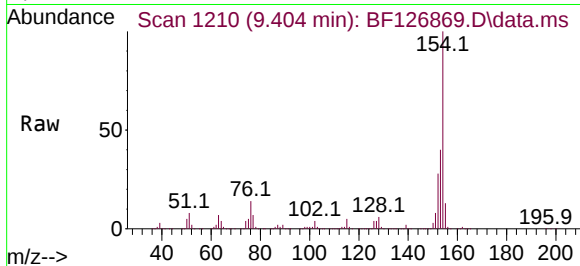




#46
1,1'-Biphenyl
Concen: 43.685 ng
RT: 9.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

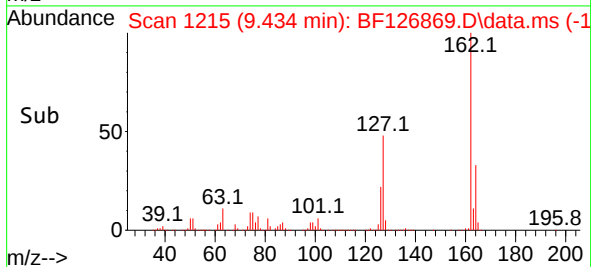
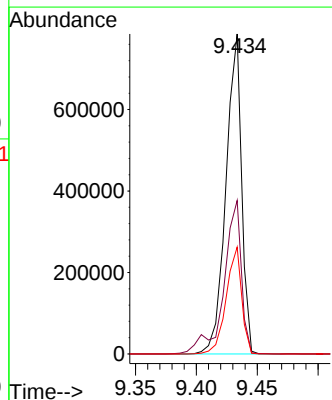
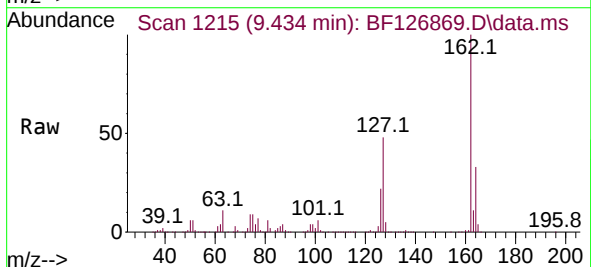
Instrument :
BNA_F
ClientSampleId :
PB142610BS

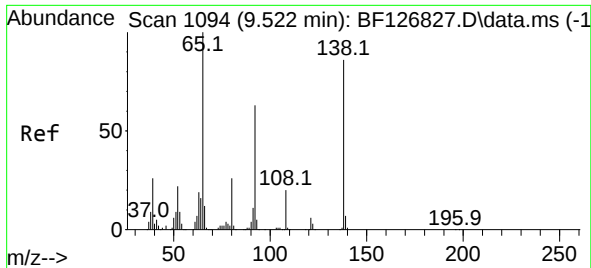
Tgt Ion:154 Resp: 987140
Ion Ratio Lower Upper
154 100
153 39.5 20.6 60.6
76 14.3 0.0 34.0



#47
2-Chloronaphthalene
Concen: 42.293 ng
RT: 9.434 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:162 Resp: 705847
Ion Ratio Lower Upper
162 100
127 47.9 39.6 59.4
164 33.4 26.4 39.6

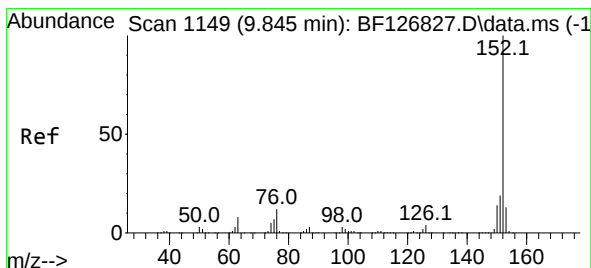
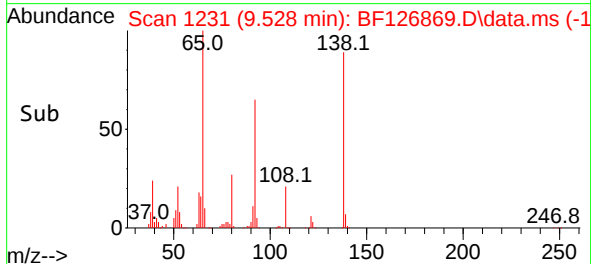
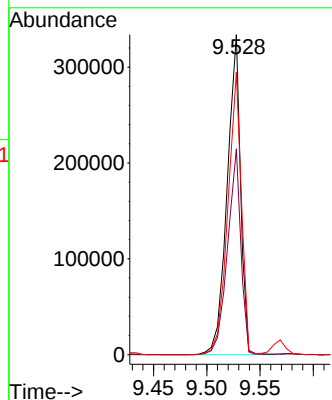
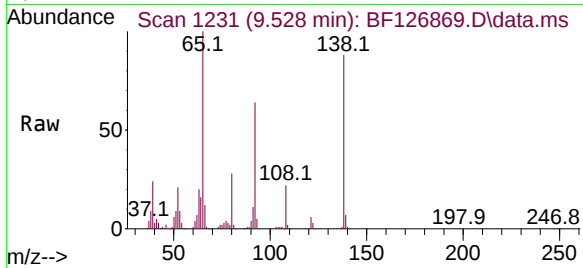




#48
2-Nitroaniline
Concen: 45.250 ng
RT: 9.528 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

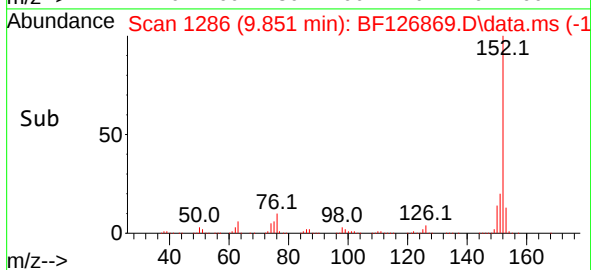
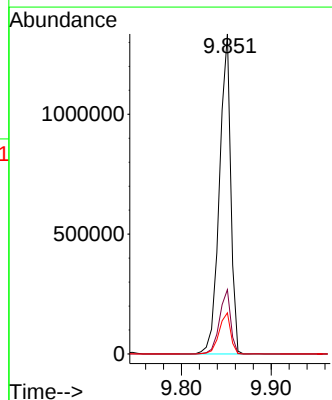
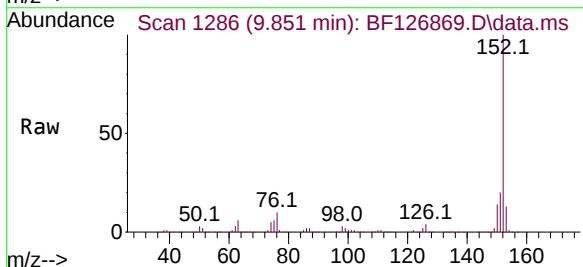
Instrument :
BNA_F
ClientSampleId :
PB142610BS

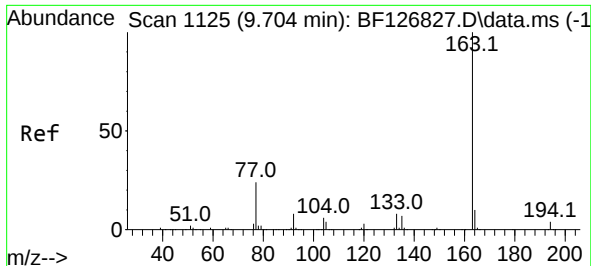
Tgt Ion: 65 Resp: 292960
Ion Ratio Lower Upper
65 100
92 64.4 50.0 75.0
138 88.3 68.9 103.3



#49
Acenaphthylene
Concen: 42.894 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion: 152 Resp: 1166579
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 12.8 10.7 16.1

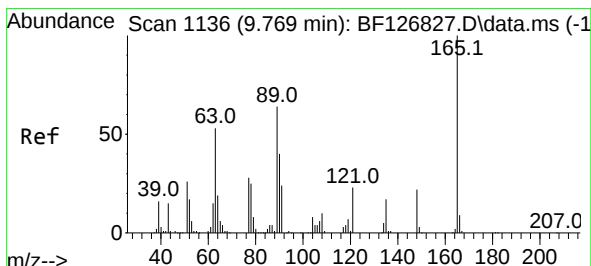
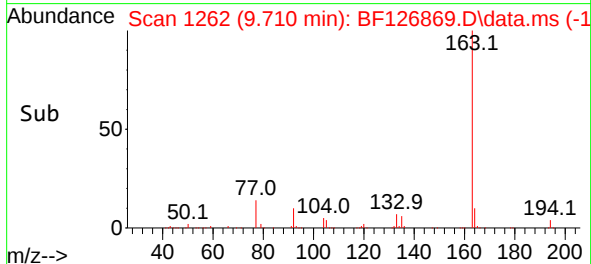
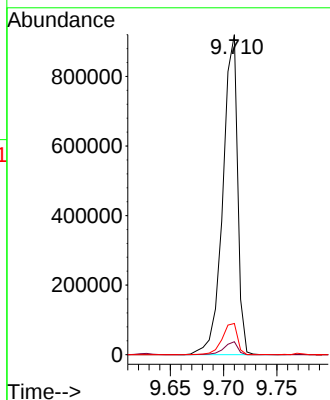
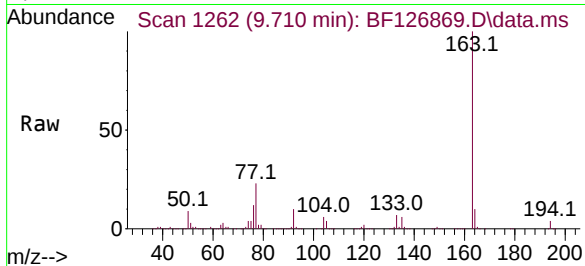




#50
Dimethylphthalate
Concen: 43.696 ng
RT: 9.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

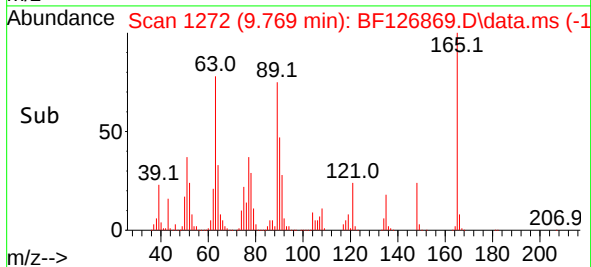
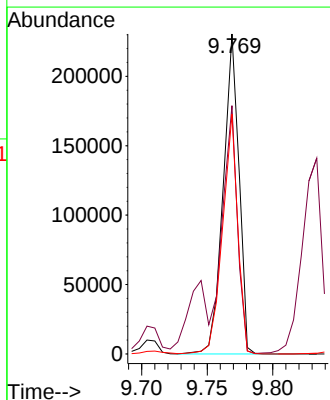
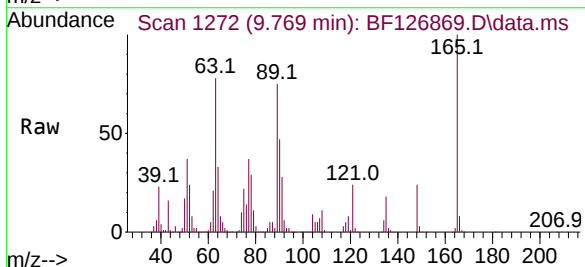
Instrument :
BNA_F
ClientSampleId :
PB142610BS

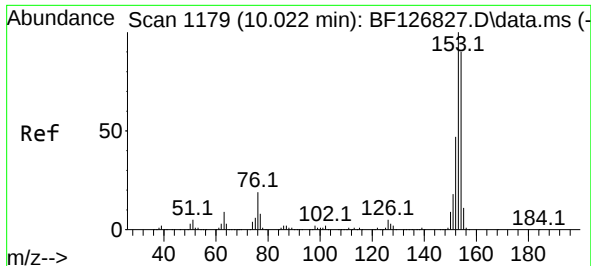
Tgt Ion:163 Resp: 880957
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.8 7.8 11.6



#51
2,6-Dinitrotoluene
Concen: 47.022 ng
RT: 9.769 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:165 Resp: 191922
Ion Ratio Lower Upper
165 100
63 77.6 49.9 74.9#
89 74.9 51.0 76.4

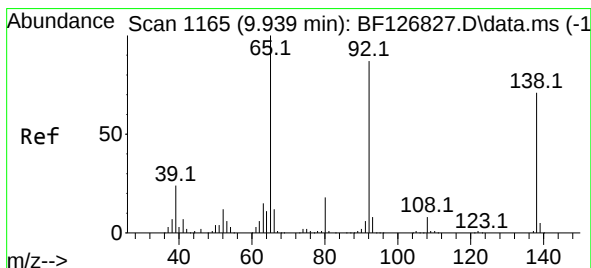
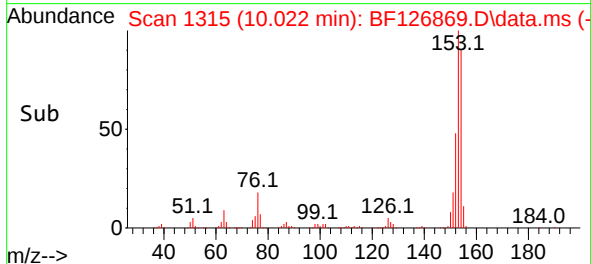
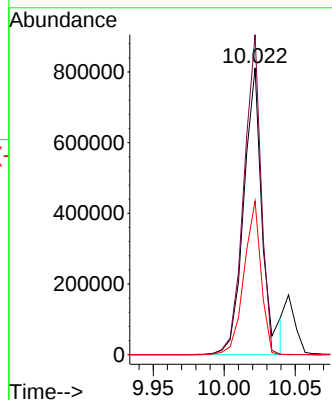
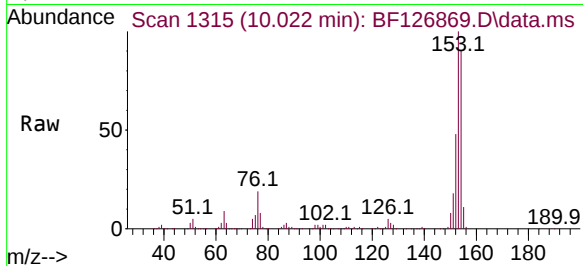




#52
Acenaphthene
Concen: 42.616 ng
RT: 10.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

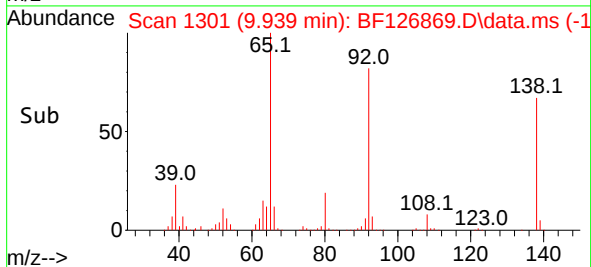
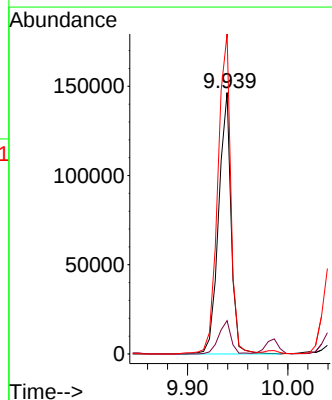
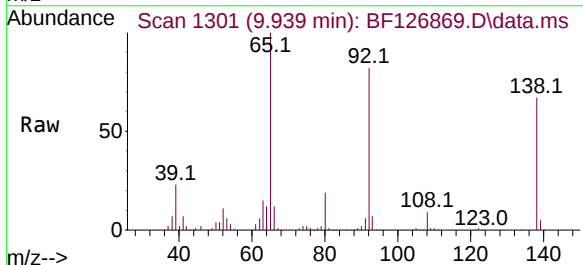
Instrument :
BNA_F
ClientSampleId :
PB142610BS

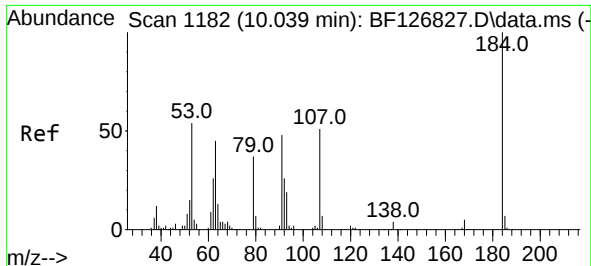
Tgt Ion:154 Resp: 741138
Ion Ratio Lower Upper
154 100
153 111.5 88.5 132.7
152 53.6 41.8 62.6



#53
3-Nitroaniline
Concen: 25.338 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:138 Resp: 126140
Ion Ratio Lower Upper
138 100
108 12.7 9.4 14.2
92 122.4 97.8 146.6

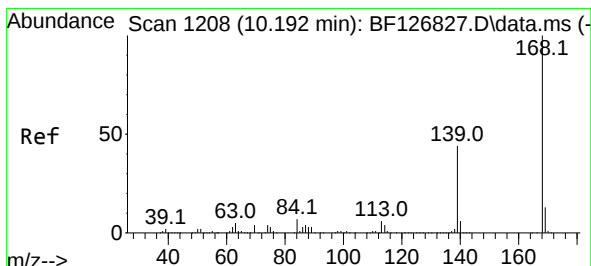
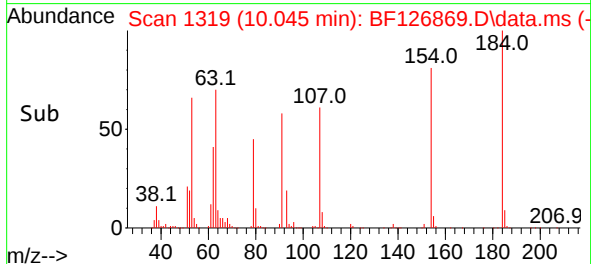
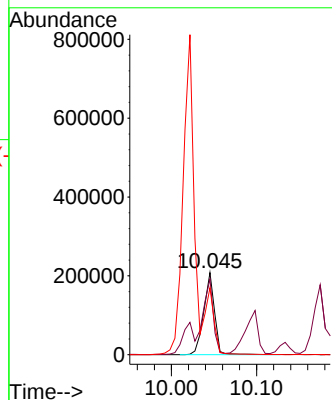
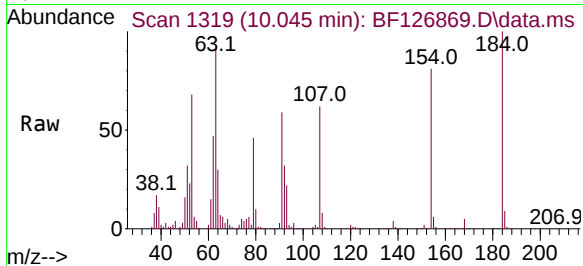




#54
2,4-Dinitrophenol
Concen: 78.904 ng
RT: 10.045 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

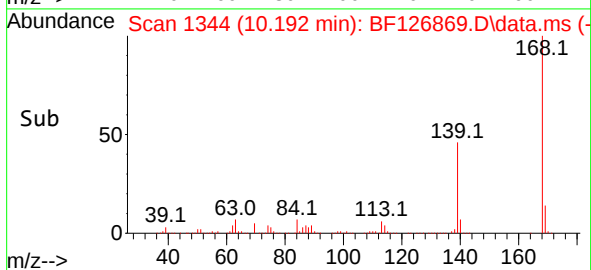
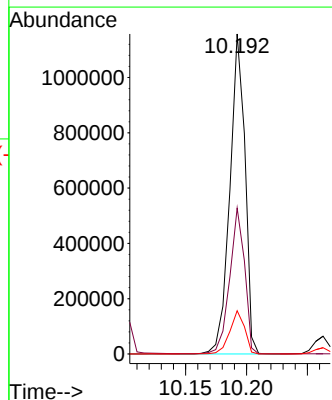
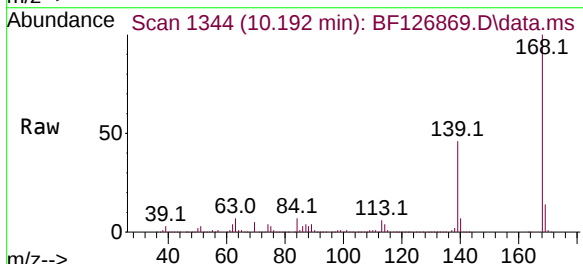
Instrument :
BNA_F
ClientSampleId :
PB142610BS

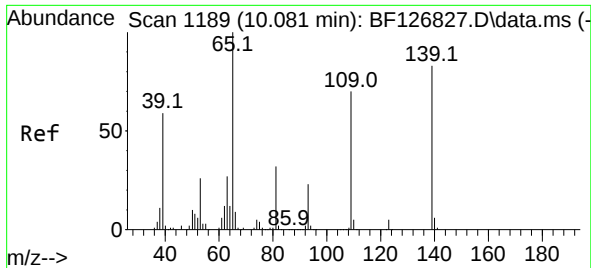
Tgt Ion:184 Resp: 182967
Ion Ratio Lower Upper
184 100
63 92.2 57.4 86.0#
154 81.4 53.6 80.4#



#55
Dibenzofuran
Concen: 41.782 ng
RT: 10.192 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:168 Resp: 1000487
Ion Ratio Lower Upper
168 100
139 45.6 35.4 53.0
169 13.5 10.6 16.0

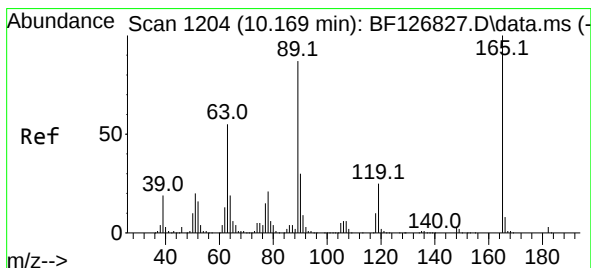
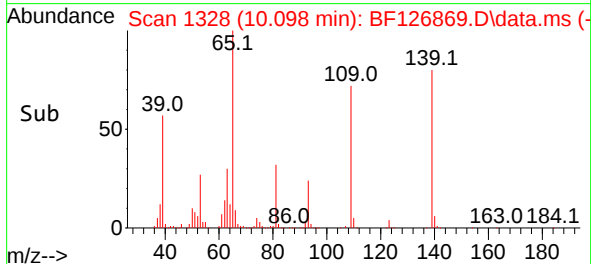
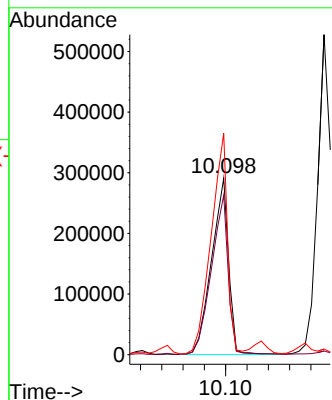
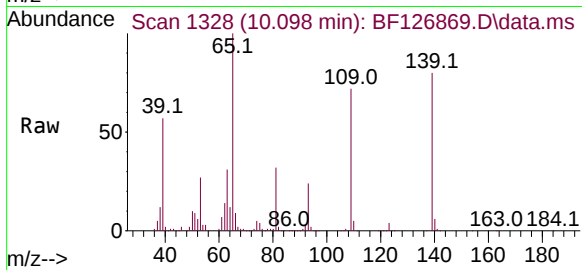




#56
4-Nitrophenol
Concen: 90.169 ng
RT: 10.098 min Scan# 1189
Delta R.T. 0.018 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

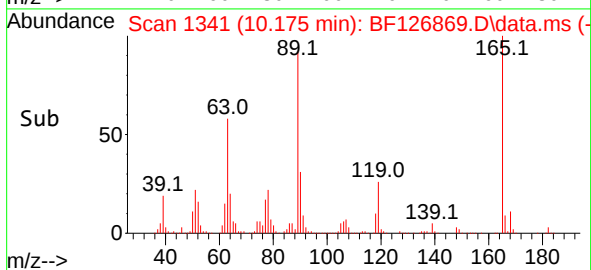
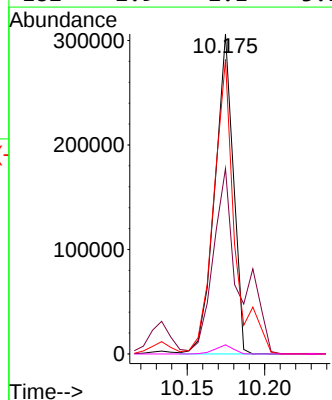
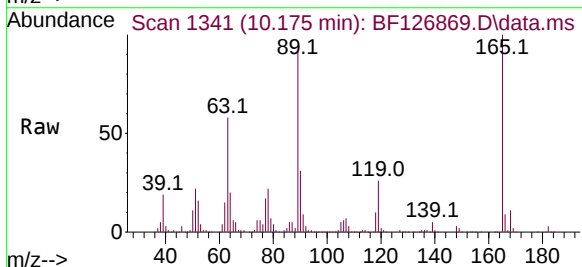
Instrument :
BNA_F
ClientSampleId :
PB142610BS

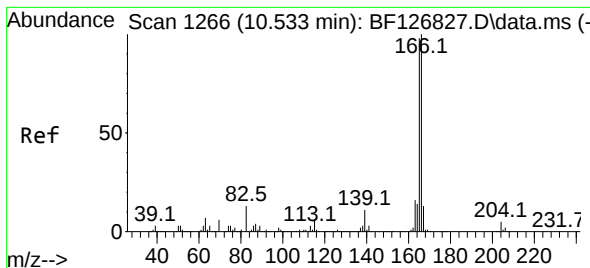
Tgt Ion:139 Resp: 322395
Ion Ratio Lower Upper
139 100
109 90.4 64.6 104.6
65 125.3 101.0 141.0



#57
2,4-Dinitrotoluene
Concen: 47.142 ng
RT: 10.175 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:165 Resp: 254389
Ion Ratio Lower Upper
165 100
63 57.9 43.9 65.9
89 92.0 69.8 104.8
182 2.9 2.1 3.1





#58

Fluorene

Concen: 42.900 ng

RT: 10.539 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

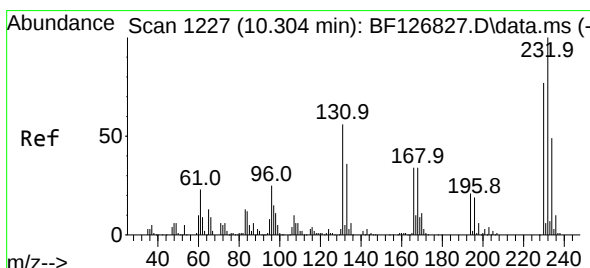
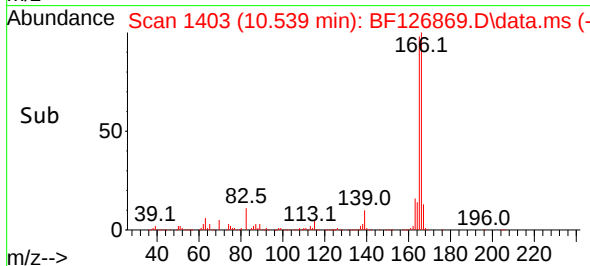
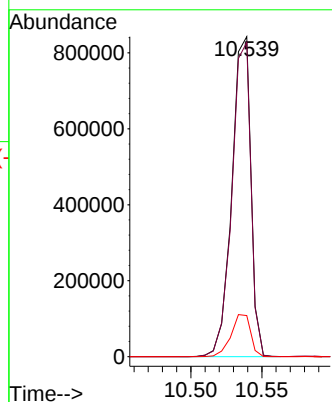
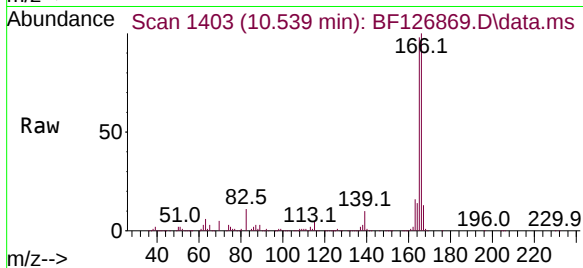
Tgt Ion:166 Resp: 787957

Ion Ratio Lower Upper

166 100

165 98.2 78.8 118.2

167 12.9 10.6 16.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 43.552 ng

RT: 10.304 min Scan# 1363

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Tgt Ion:232 Resp: 193720

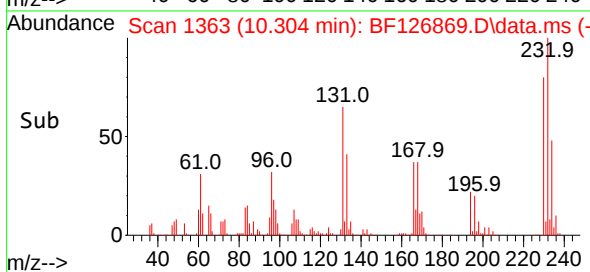
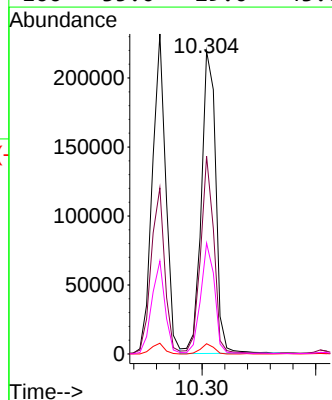
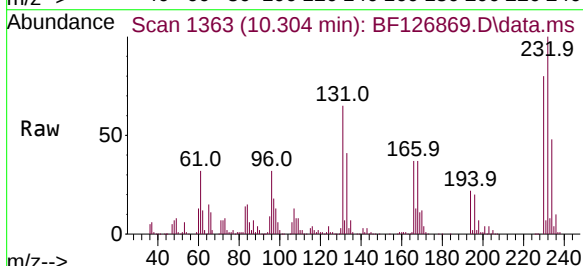
Ion Ratio Lower Upper

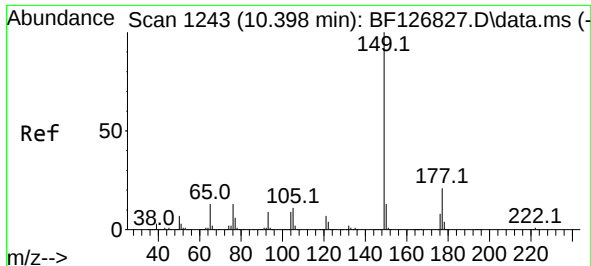
232 100

131 60.2 47.7 71.5

130 3.1 2.4 3.6

166 35.0 29.0 43.6

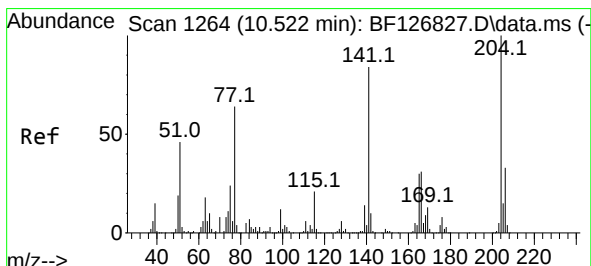
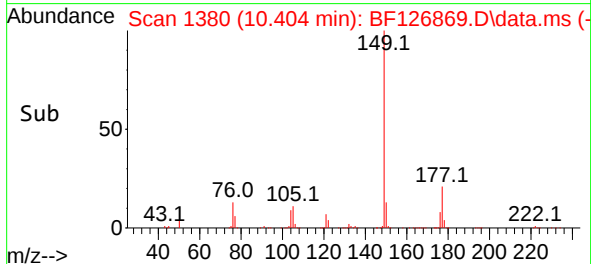
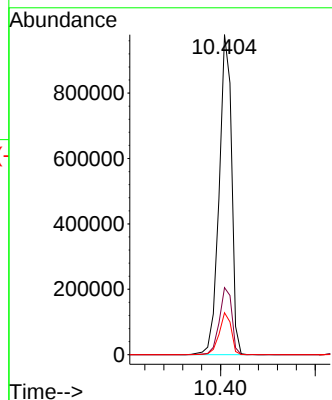
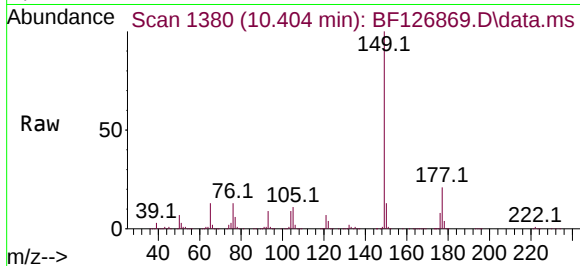




#60
Diethylphthalate
Concen: 43.078 ng
RT: 10.404 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

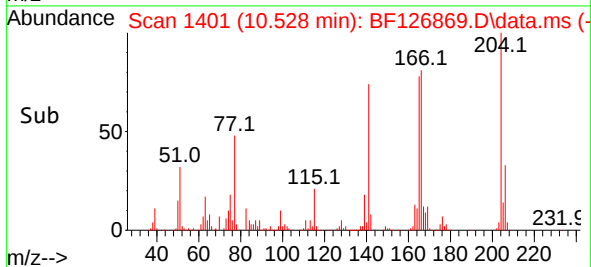
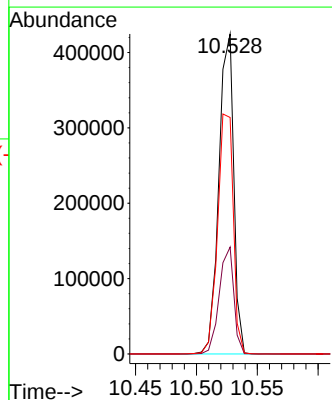
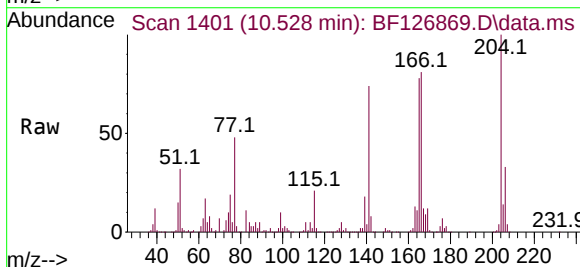
Instrument :
BNA_F
ClientSampleId :
PB142610BS

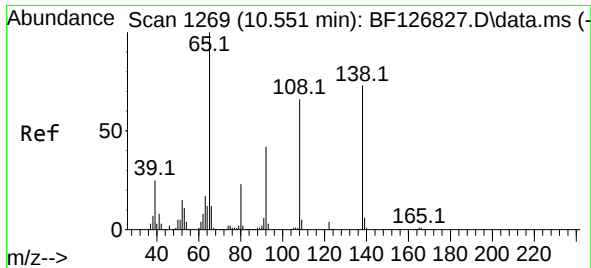
Tgt Ion:149 Resp: 895791
Ion Ratio Lower Upper
149 100
177 21.0 16.5 24.7
150 13.1 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 41.913 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:204 Resp: 360865
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 73.9 67.2 100.8

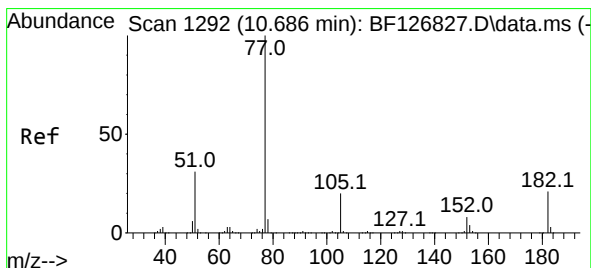
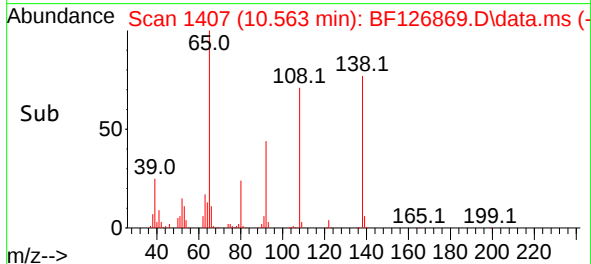
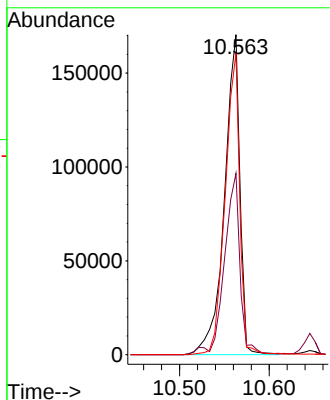
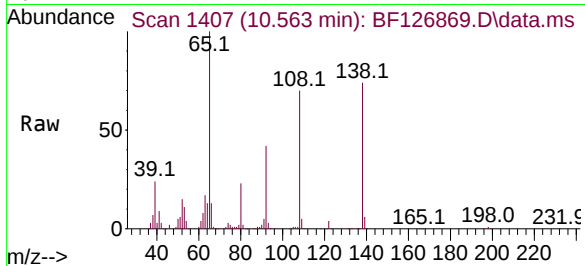




#62
4-Nitroaniline
Concen: 43.623 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.012 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

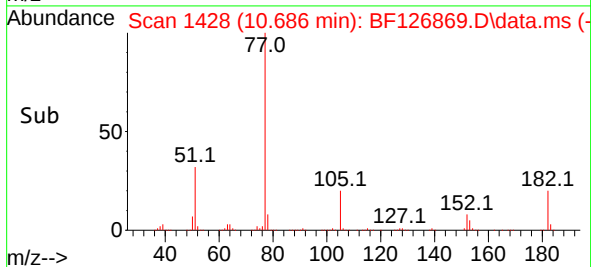
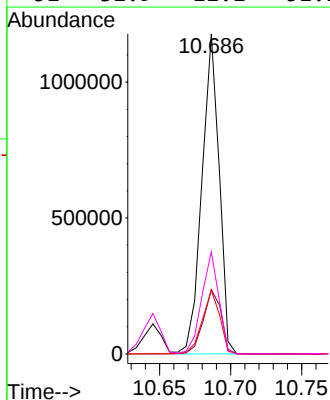
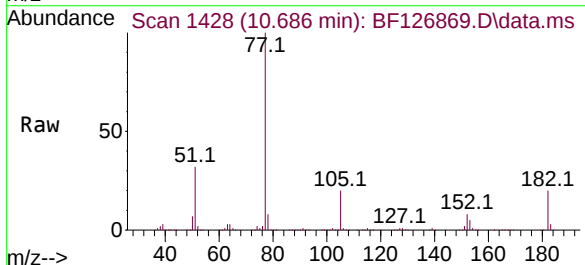
Instrument :
BNA_F
ClientSampleId :
PB142610BS

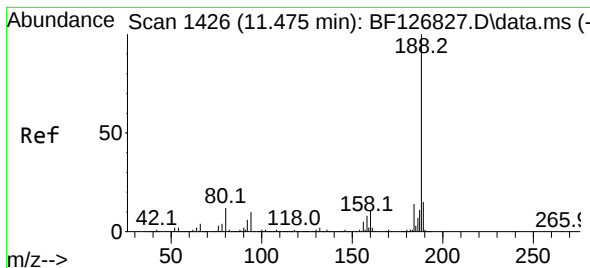
Tgt Ion:138 Resp: 204182
Ion Ratio Lower Upper
138 100
92 56.7 38.1 78.1
108 94.1 70.7 110.7



#63
Azobenzene
Concen: 41.971 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion: 77 Resp: 993586
Ion Ratio Lower Upper
77 100
182 20.1 1.0 41.0
105 19.9 0.3 40.3
51 31.9 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

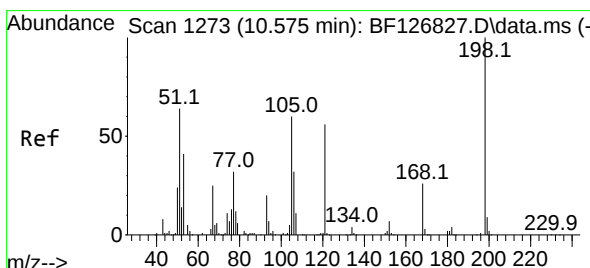
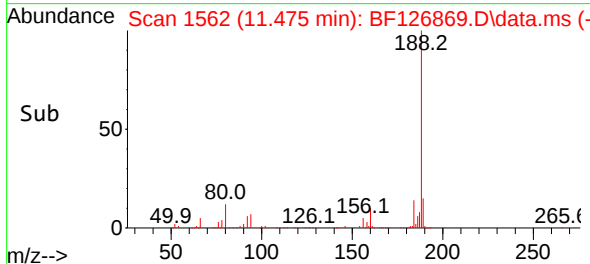
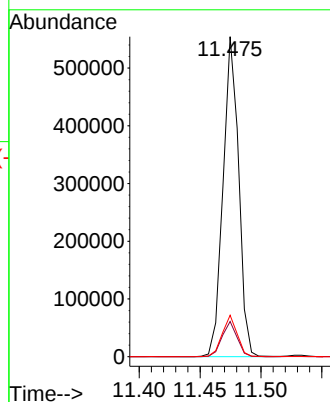
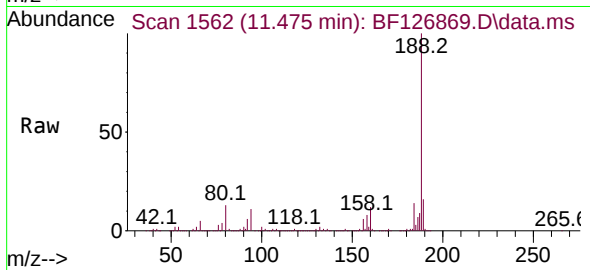
Tgt Ion:188 Resp: 494951

Ion Ratio Lower Upper

188 100

94 11.0 8.1 12.1

80 12.9 9.5 14.3



#65

4,6-Dinitro-2-methylphenol

Concen: 41.415 ng

RT: 10.581 min Scan# 1410

Delta R.T. 0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

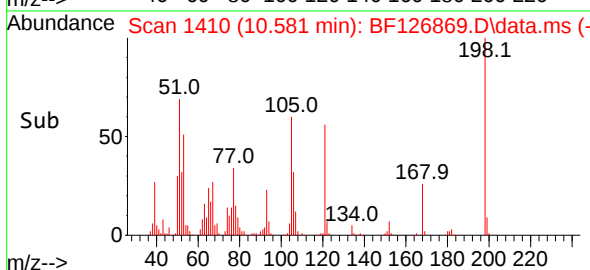
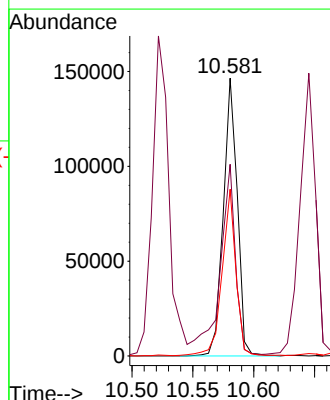
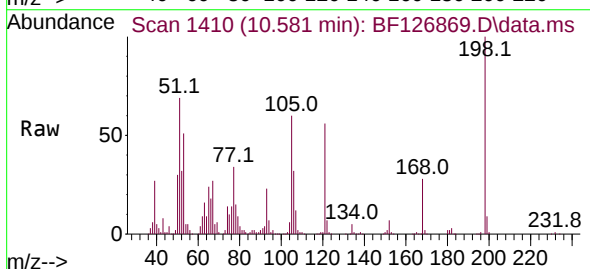
Tgt Ion:198 Resp: 117160

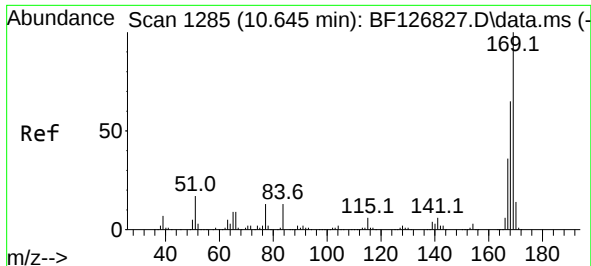
Ion Ratio Lower Upper

198 100

51 69.0 50.1 90.1

105 60.0 40.5 80.5

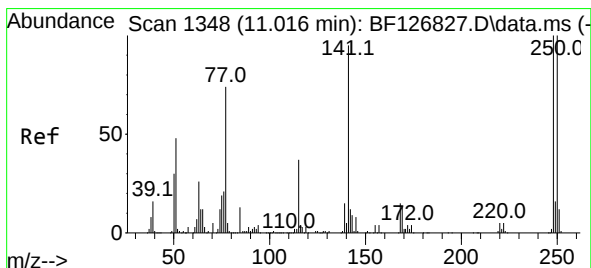
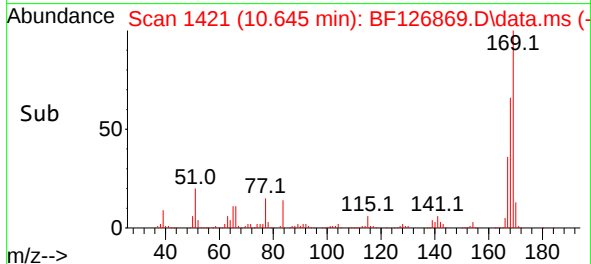
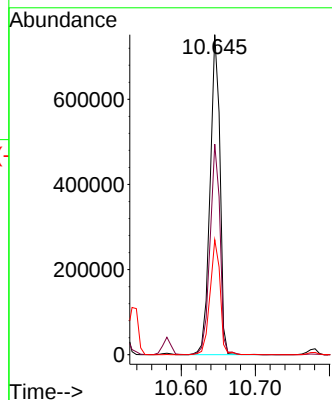
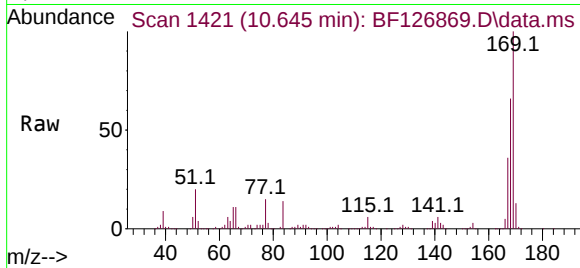




#66
n-Nitrosodiphenylamine
Concen: 42.925 ng
RT: 10.645 min Scan# 141
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

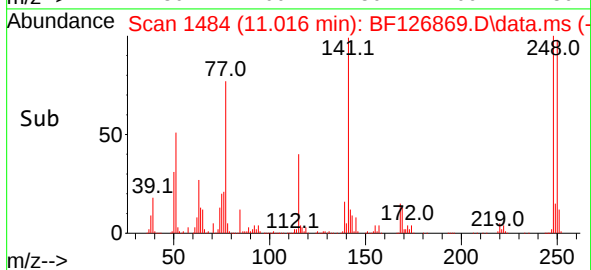
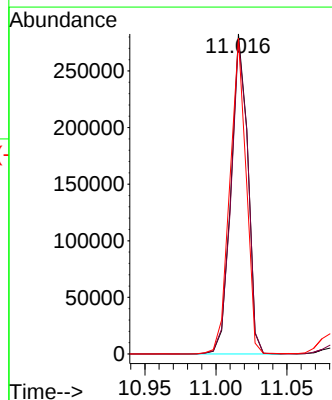
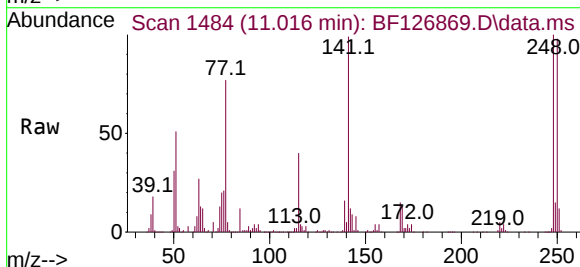
Instrument :
BNA_F
ClientSampleId :
PB142610BS

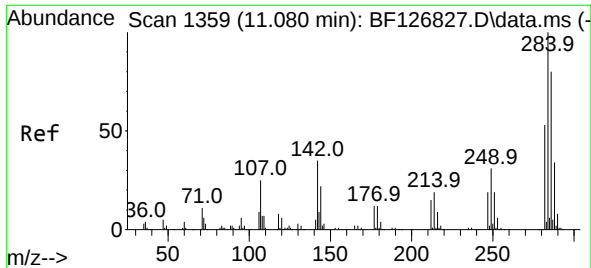
Tgt Ion:169 Resp: 695053
Ion Ratio Lower Upper
169 100
168 65.8 52.3 78.5
167 35.9 28.6 43.0



#67
4-Bromophenyl-phenylether
Concen: 42.819 ng
RT: 11.016 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:248 Resp: 230316
Ion Ratio Lower Upper
248 100
250 98.4 80.0 120.0
141 98.7 75.6 113.4

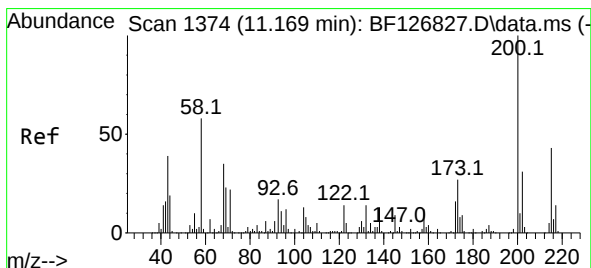
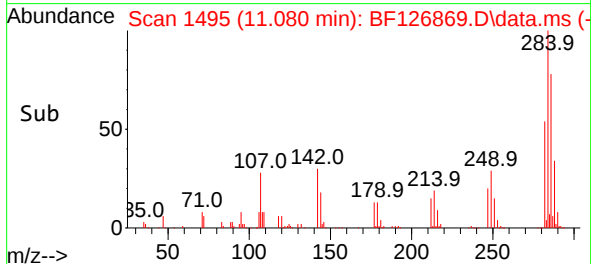
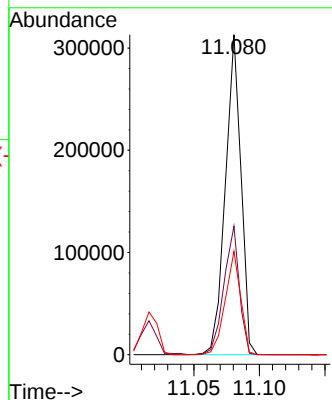
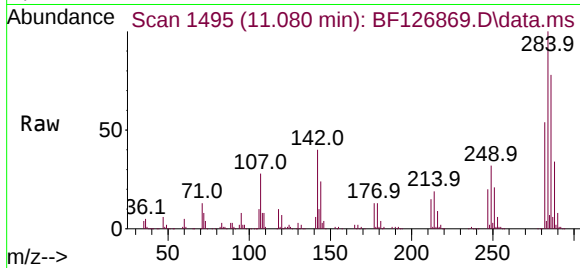




#68
Hexachlorobenzene
Concen: 44.601 ng
RT: 11.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

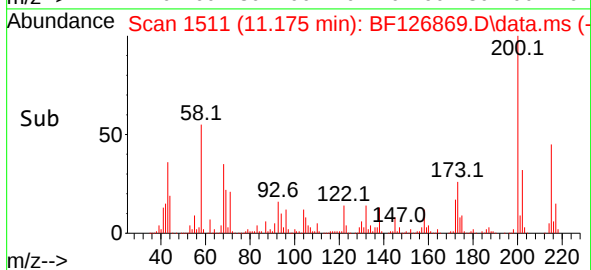
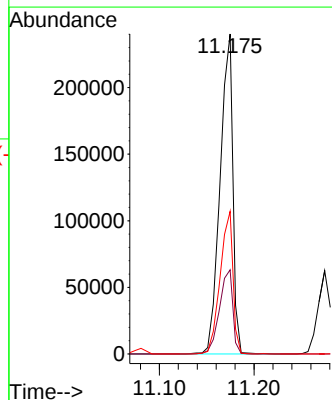
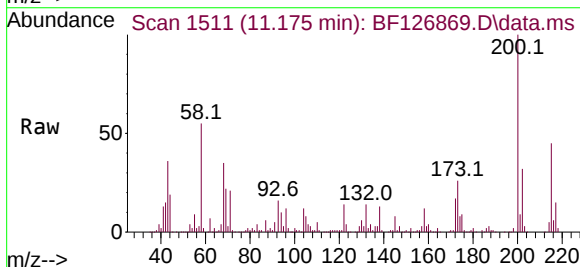
Instrument :
BNA_F
ClientSampleId :
PB142610BS

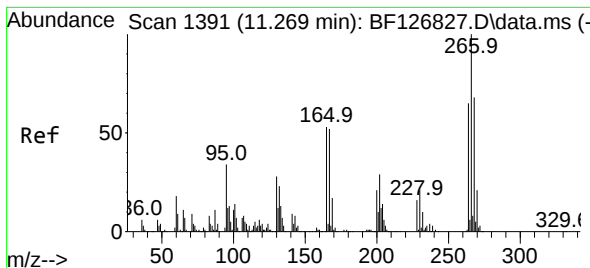
Tgt Ion:284 Resp: 258377
Ion Ratio Lower Upper
284 100
142 40.2 28.2 42.4
249 32.3 25.0 37.4



#69
Atrazine
Concen: 45.513 ng
RT: 11.175 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:200 Resp: 224922
Ion Ratio Lower Upper
200 100
173 26.3 6.8 46.8
215 44.5 22.8 62.8





#70

Pentachlorophenol

Concen: 89.969 ng

RT: 11.275 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

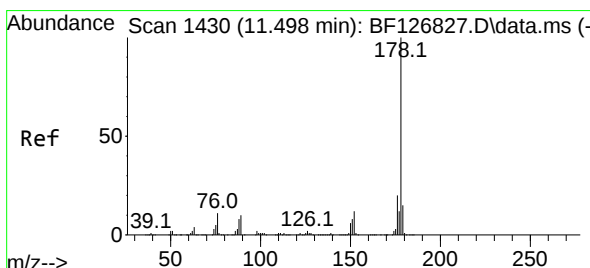
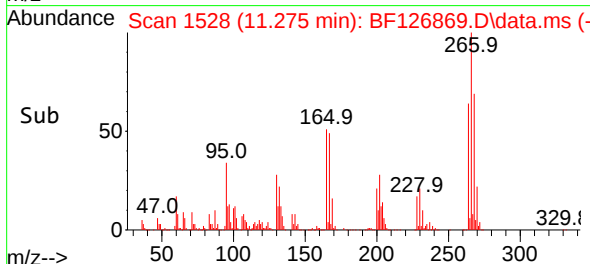
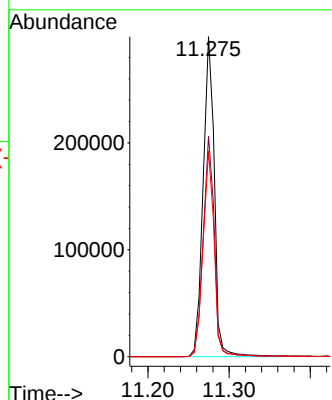
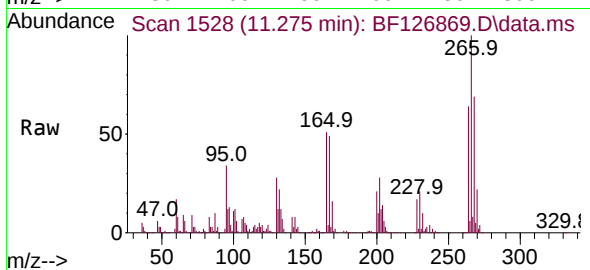
Tgt Ion:266 Resp: 287829

Ion Ratio Lower Upper

266 100

268 69.0 54.5 81.7

264 64.3 52.2 78.2



#71

Phenanthrene

Concen: 42.627 ng

RT: 11.504 min Scan# 1567

Delta R.T. 0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

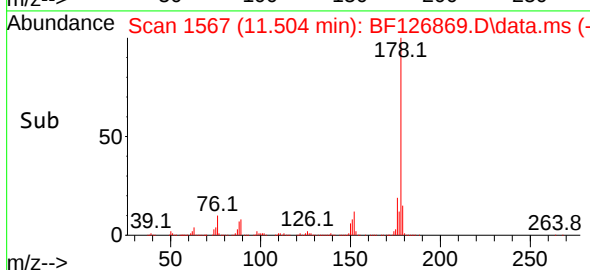
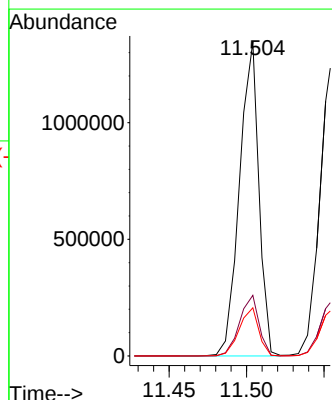
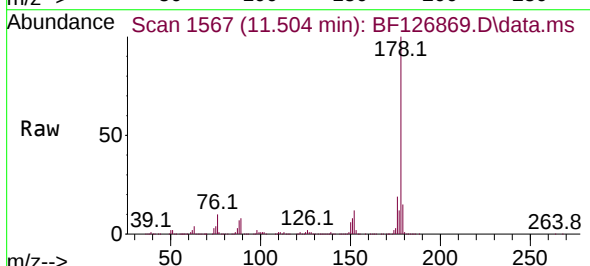
Tgt Ion:178 Resp: 1169042

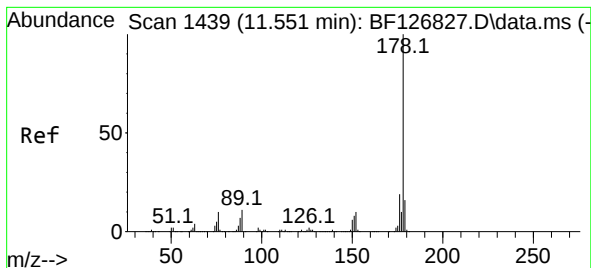
Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

179 15.3 12.1 18.1





#72

Anthracene

Concen: 43.647 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

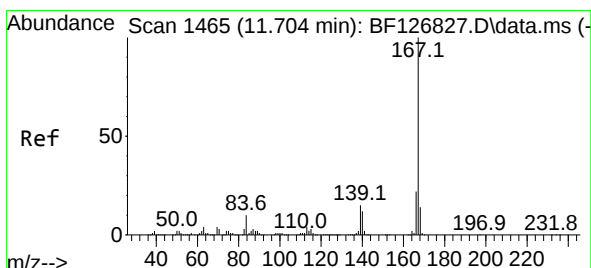
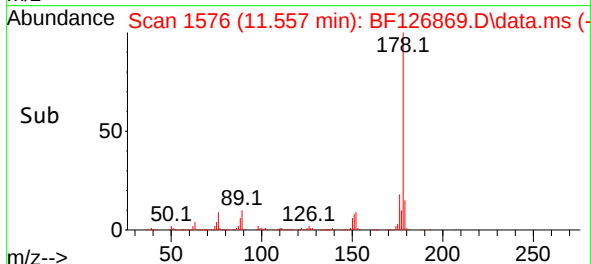
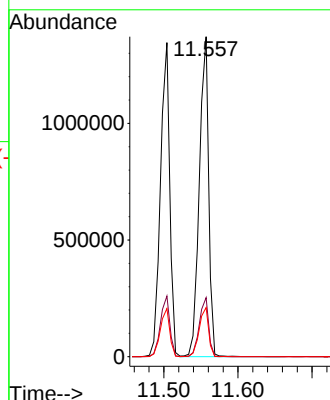
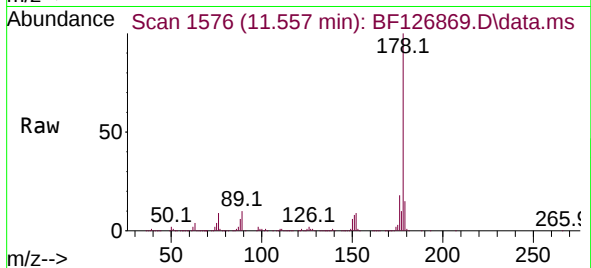
Tgt Ion:178 Resp: 1196003

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.3 12.5 18.7



#73

Carbazole

Concen: 41.359 ng

RT: 11.710 min Scan# 1602

Delta R.T. 0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

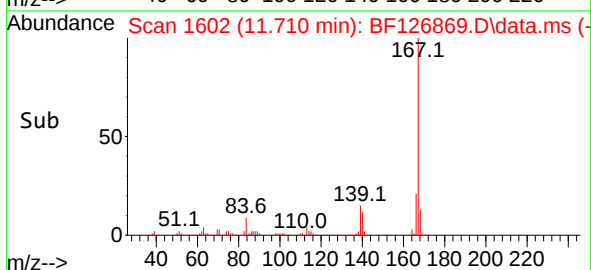
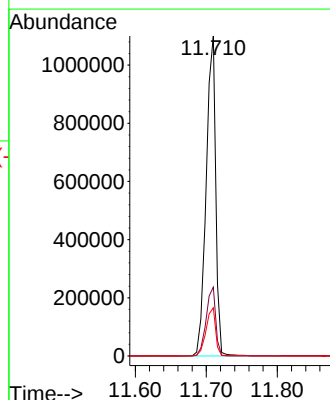
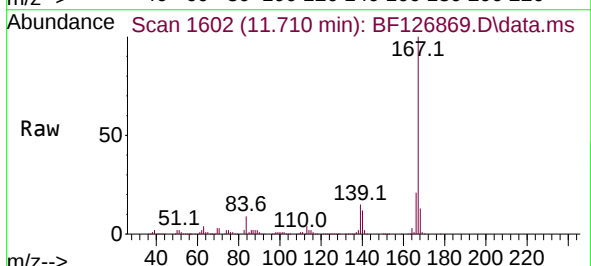
Tgt Ion:167 Resp: 1031594

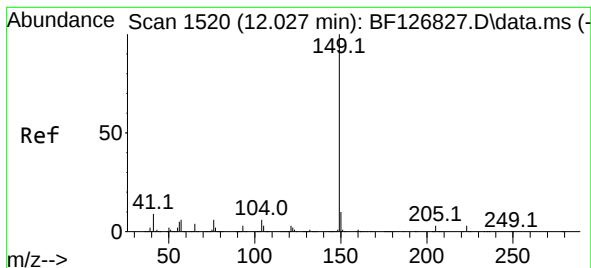
Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 15.1 12.2 18.4





#74

Di-n-butylphthalate

Concen: 42.810 ng

RT: 12.027 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

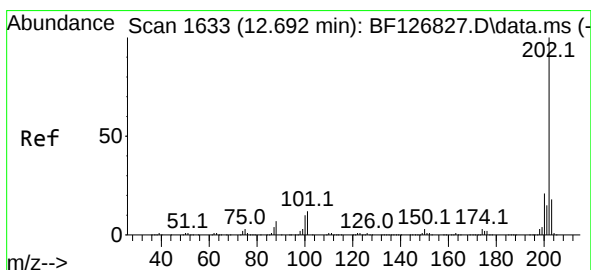
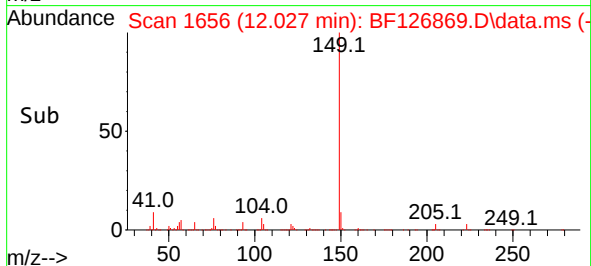
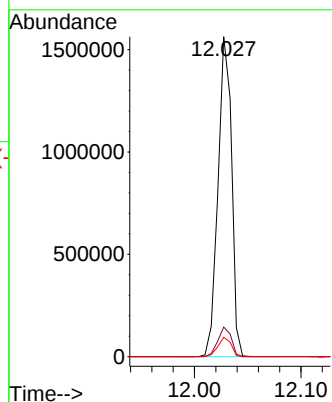
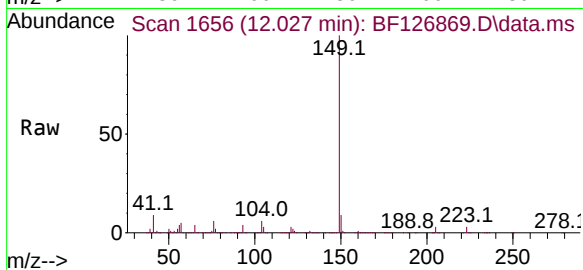
Tgt Ion:149 Resp: 1376612

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 6.0 4.8 7.2



#75

Fluoranthene

Concen: 43.882 ng

RT: 12.692 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

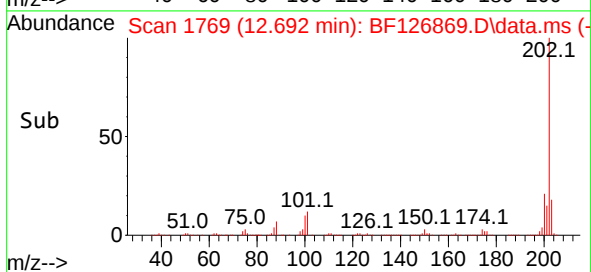
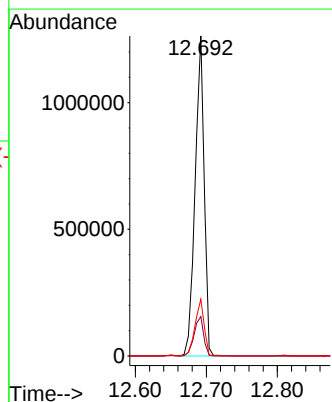
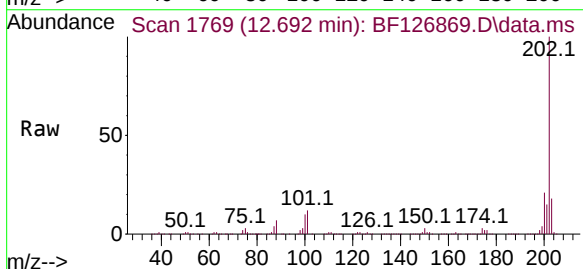
Tgt Ion:202 Resp: 1125693

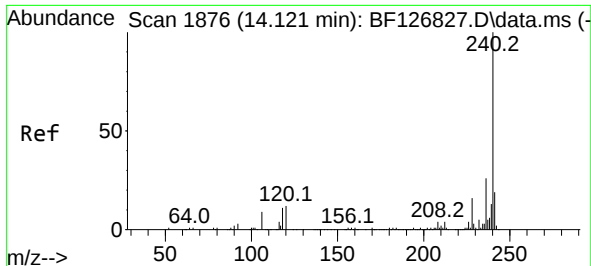
Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.5

203 17.7 0.0 37.7

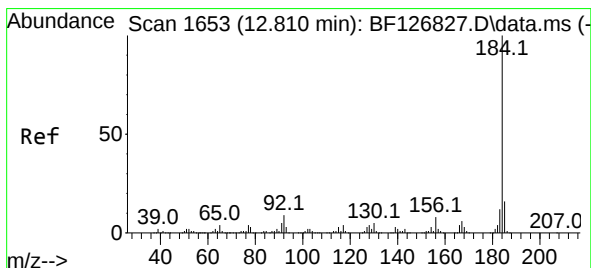
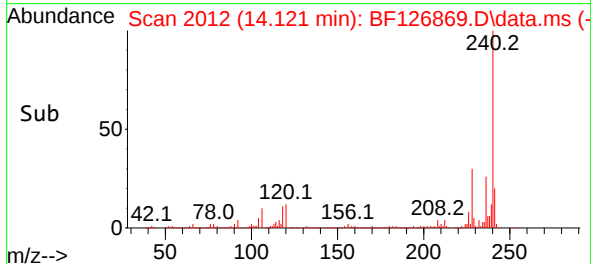
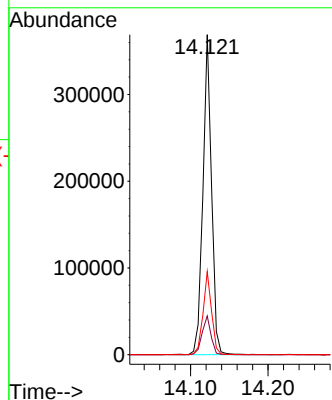
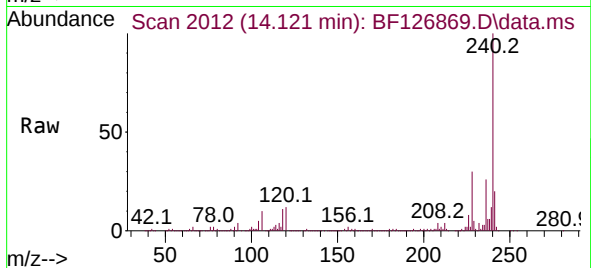




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

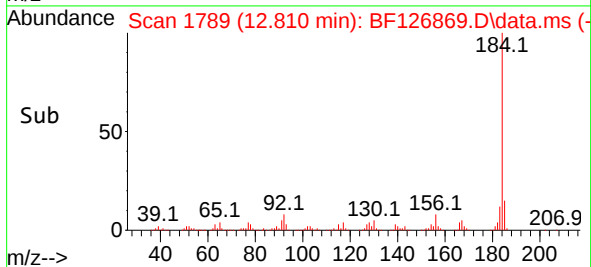
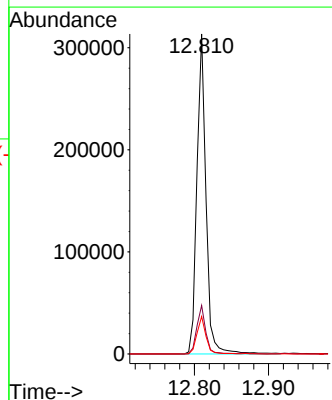
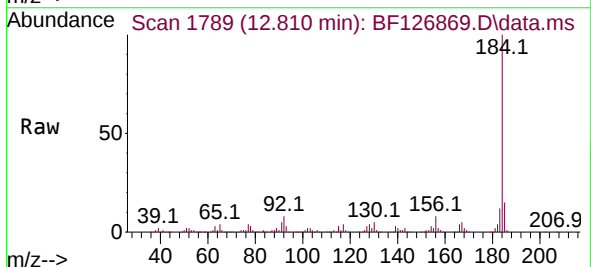
Instrument :
BNA_F
ClientSampleId :
PB142610BS

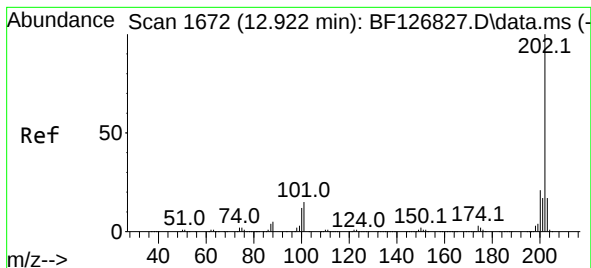
Tgt Ion:240 Resp: 284499
Ion Ratio Lower Upper
240 100
120 12.1 9.8 14.6
236 26.0 20.5 30.7



#77
Benzidine
Concen: 35.650 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:184 Resp: 266886
Ion Ratio Lower Upper
184 100
185 15.1 12.5 18.7
183 11.7 9.6 14.4





#78

Pyrene

Concen: 43.707 ng

RT: 12.922 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

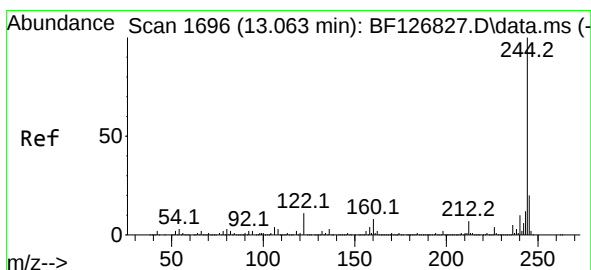
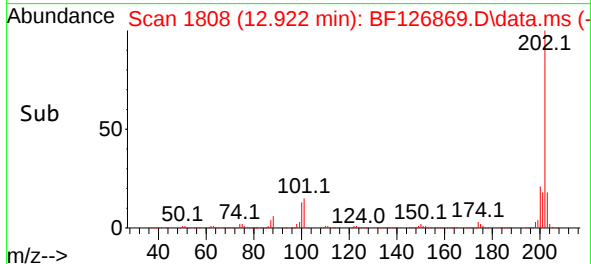
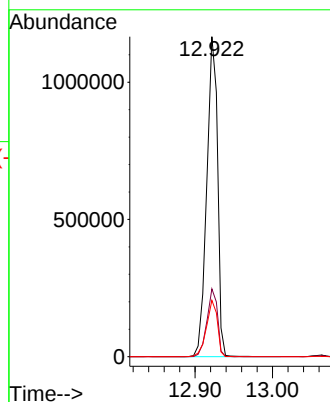
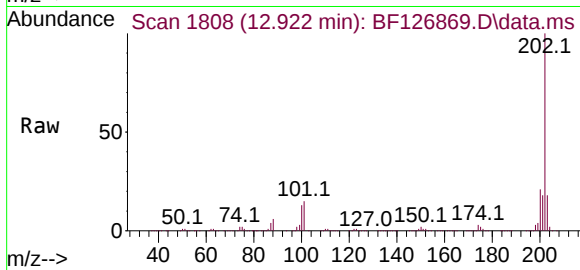
Tgt Ion:202 Resp: 1128592

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 17.6 13.9 20.9



#79

Terphenyl-d14

Concen: 83.172 ng

RT: 13.063 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

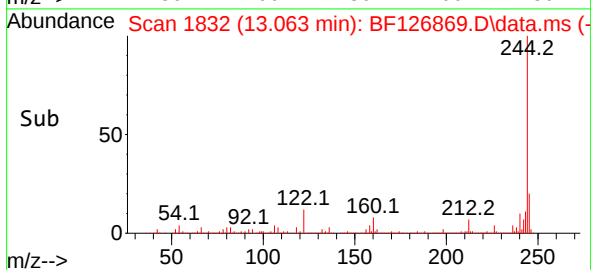
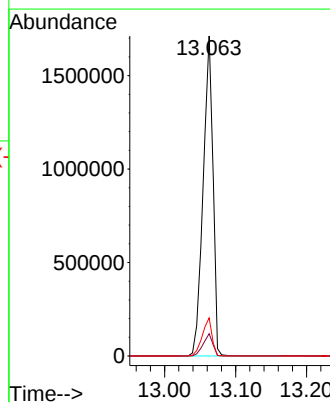
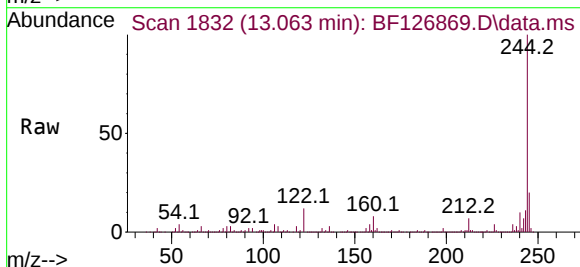
Tgt Ion:244 Resp: 1650597

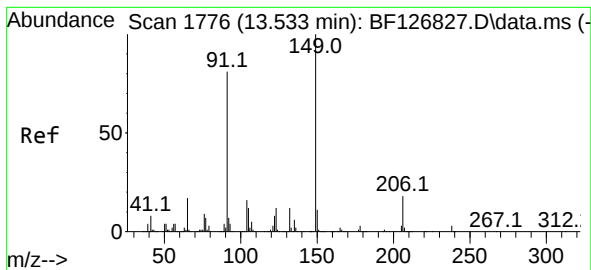
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.9 9.0 13.6





#80

Butylbenzylphthalate

Concen: 44.033 ng

RT: 13.533 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

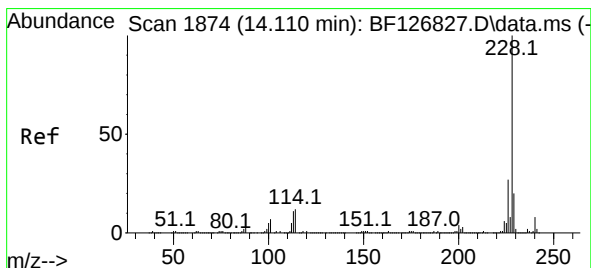
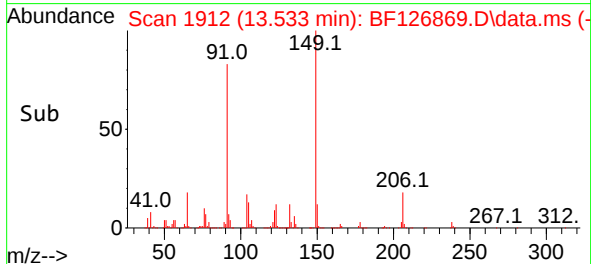
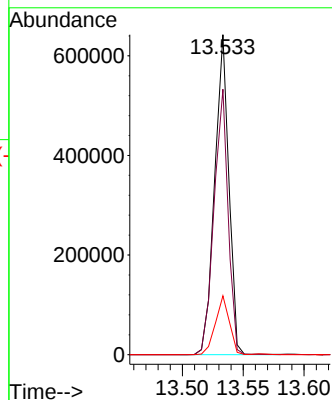
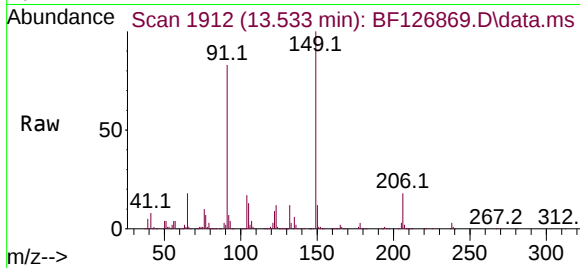
Tgt Ion:149 Resp: 520716

Ion Ratio Lower Upper

149 100

91 83.0 64.7 97.1

206 18.4 14.2 21.4



#81

Benzo(a)anthracene

Concen: 42.926 ng

RT: 14.110 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

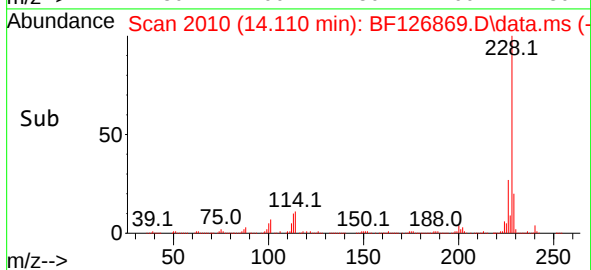
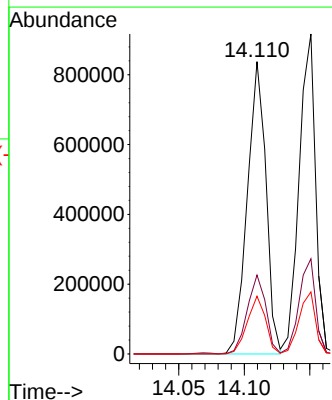
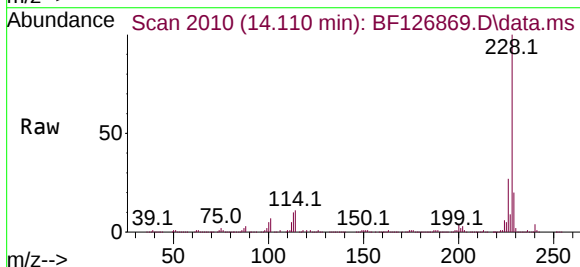
Tgt Ion:228 Resp: 827313

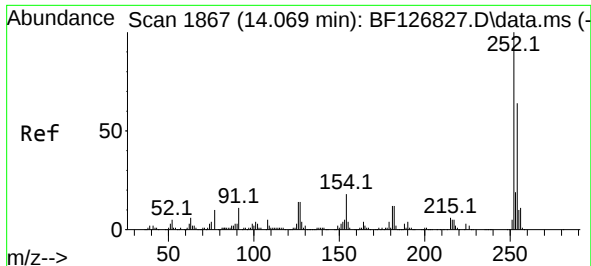
Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

229 19.8 16.0 24.0

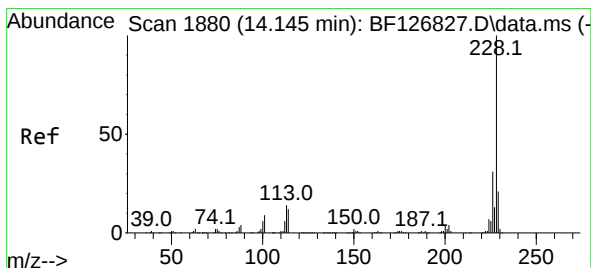
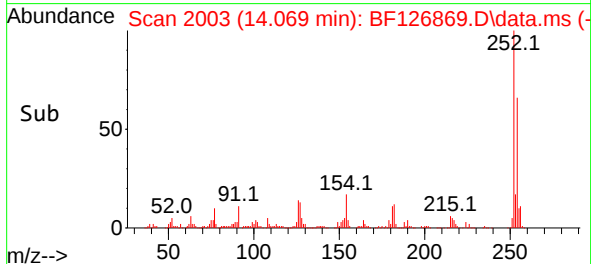
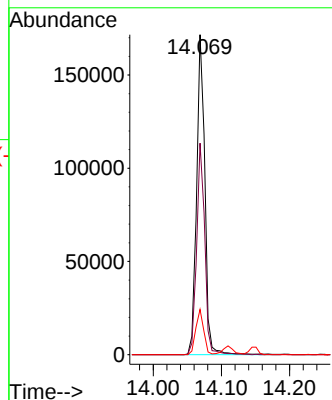
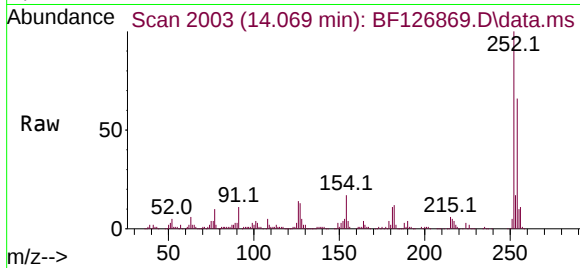




#82
3,3'-Dichlorobenzidine
Concen: 25.023 ng
RT: 14.069 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

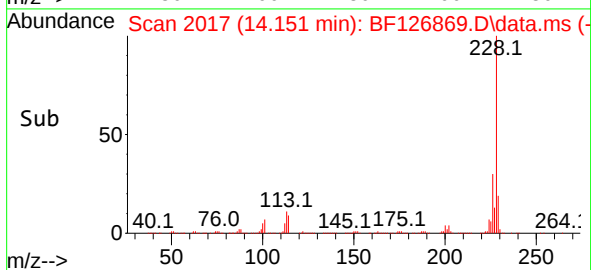
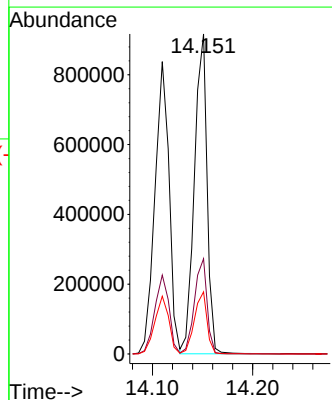
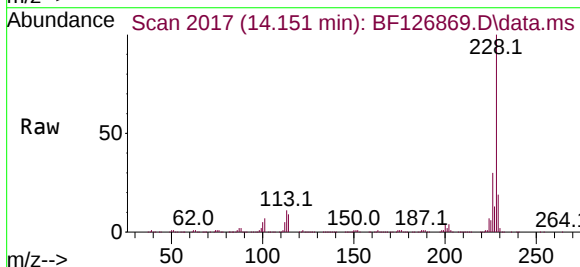
Instrument :
BNA_F
ClientSampleId :
PB142610BS

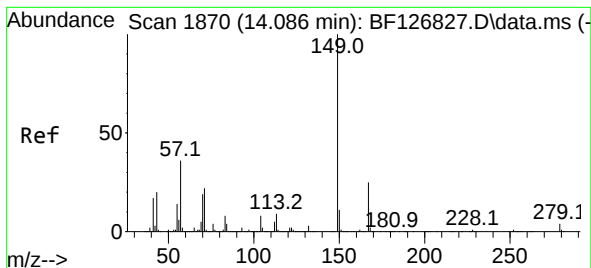
Tgt Ion:252 Resp: 143629
Ion Ratio Lower Upper
252 100
254 66.1 51.0 76.4
126 14.2 11.0 16.6



#83
Chrysene
Concen: 44.319 ng
RT: 14.151 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF126869.D
Acq: 14 Feb 2022 14:16

Tgt Ion:228 Resp: 802077
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 19.4 16.4 24.6

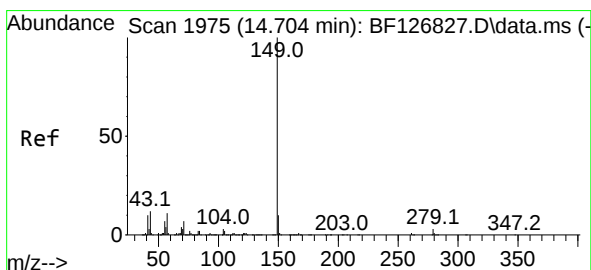
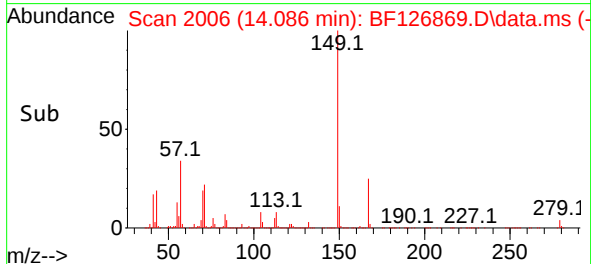
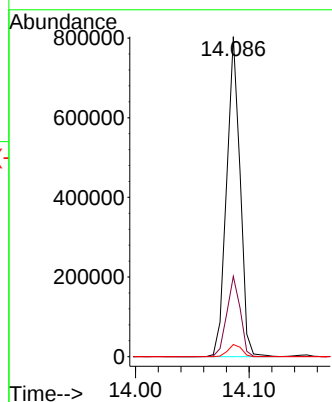
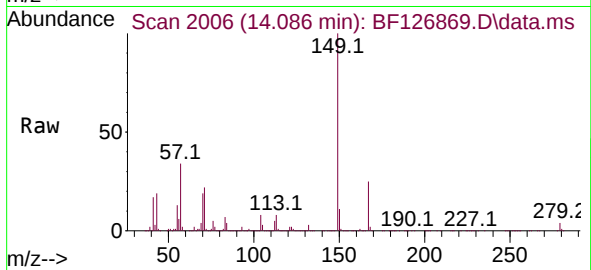




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.249 ng
 RT: 14.086 min Scan# 2011
 Delta R.T. 0.000 min
 Lab File: BF126869.D
 Acq: 14 Feb 2022 14:16

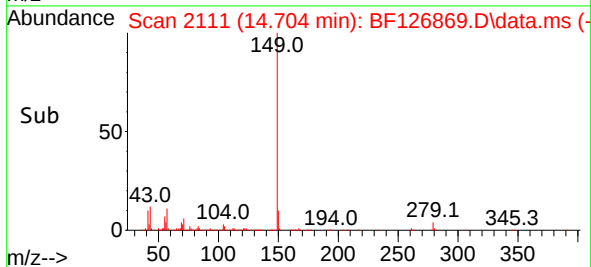
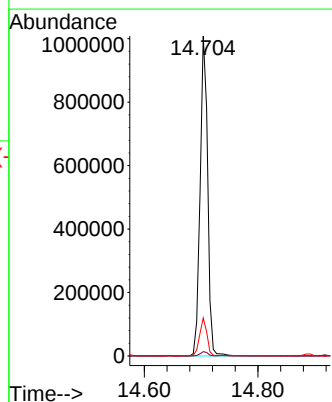
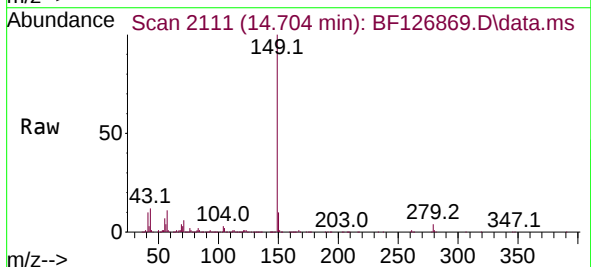
Instrument :
 BNA_F
 ClientSampleId :
 PB142610BS

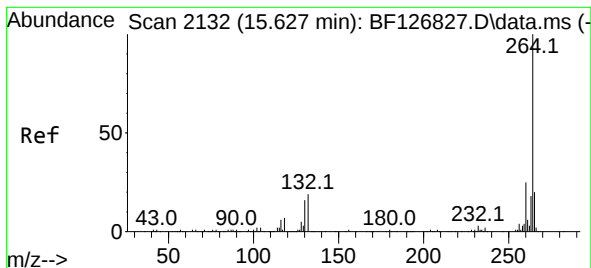
Tgt Ion:149 Resp: 663156
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.3 30.5
 279 3.8 3.0 4.4



#85
 Di-n-octyl phthalate
 Concen: 44.381 ng
 RT: 14.704 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: BF126869.D
 Acq: 14 Feb 2022 14:16

Tgt Ion:149 Resp: 934117
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.6 9.8 14.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

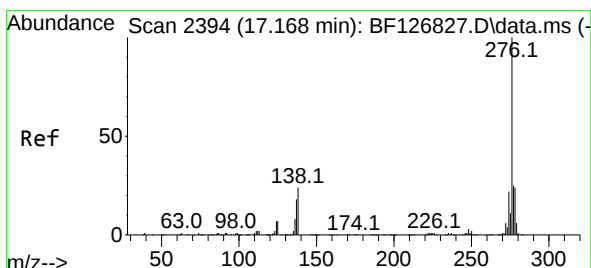
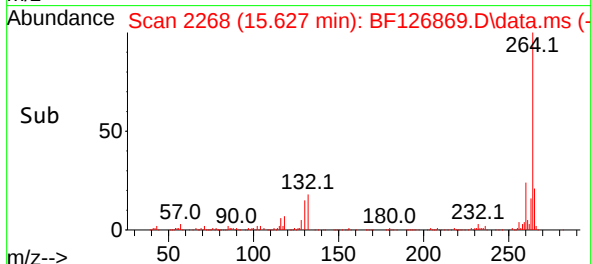
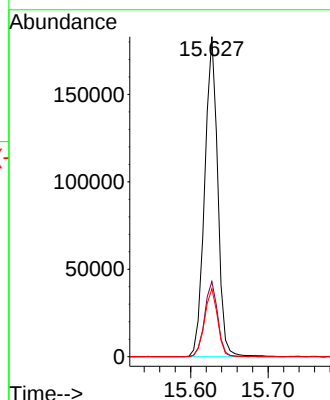
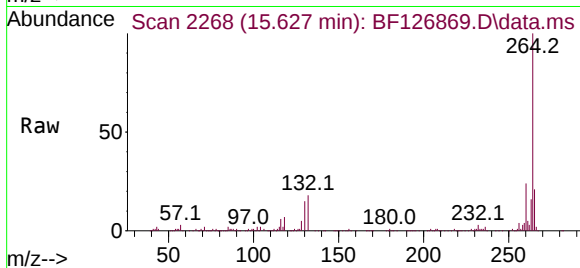
Tgt Ion:264 Resp: 213932

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.3 15.9 23.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.219 ng

RT: 17.174 min Scan# 2531

Delta R.T. 0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

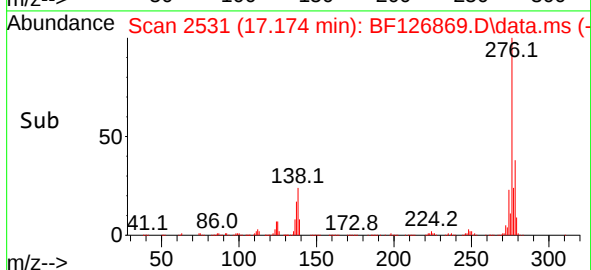
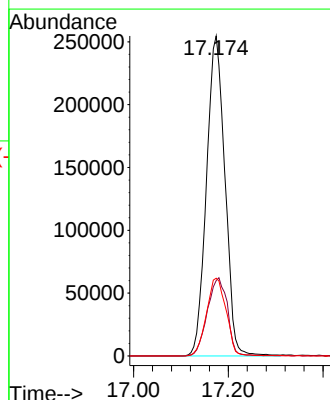
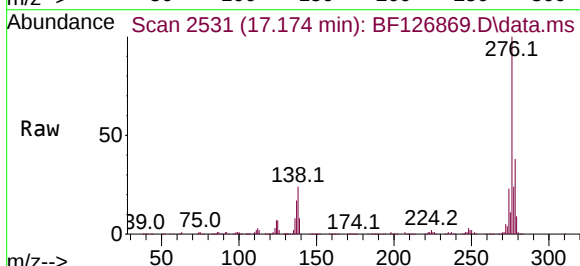
Tgt Ion:276 Resp: 689738

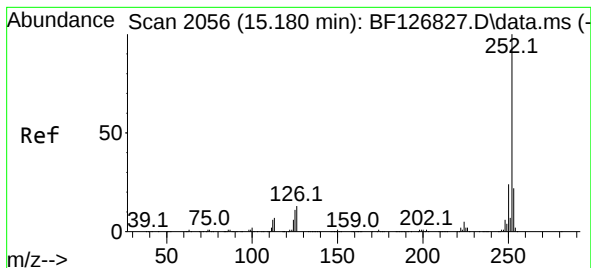
Ion Ratio Lower Upper

276 100

138 26.5 22.6 33.8

277 25.9 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 50.922 ng

RT: 15.180 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

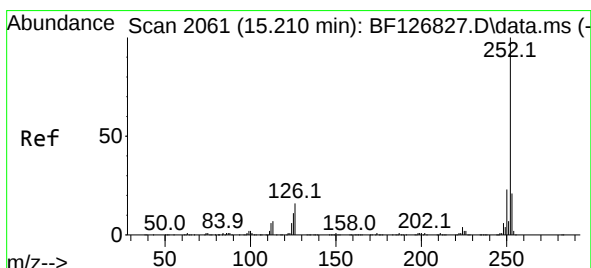
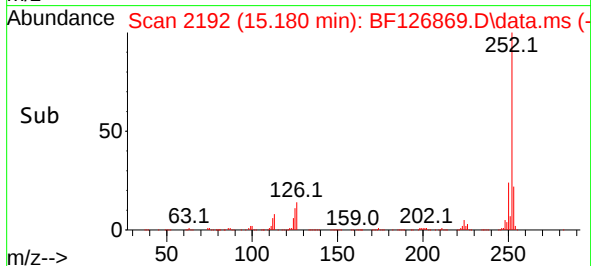
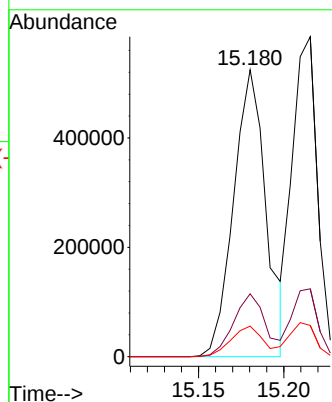
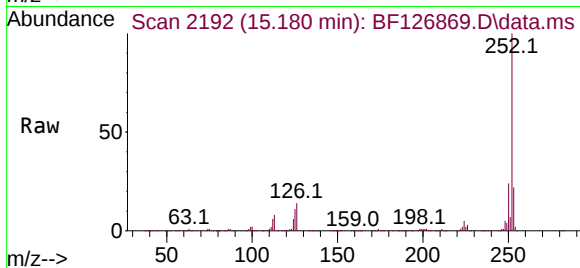
Tgt Ion:252 Resp: 695889

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.7 8.9 13.3



#89

Benzo(k)fluoranthene

Concen: 43.018 ng

RT: 15.216 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

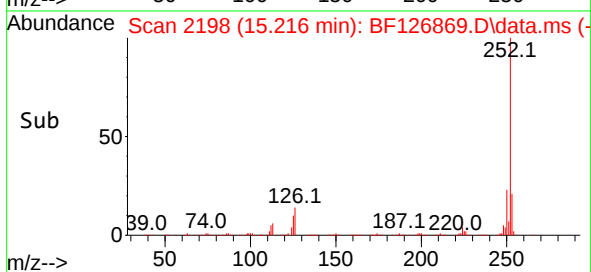
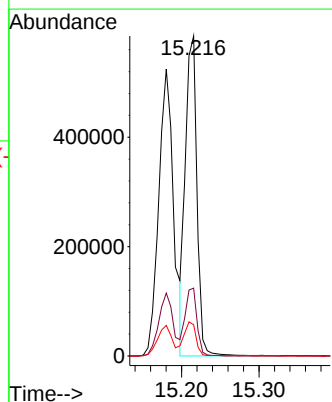
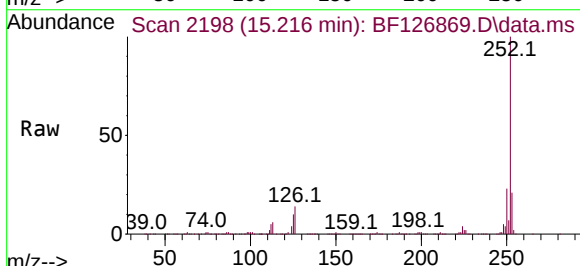
Tgt Ion:252 Resp: 606940

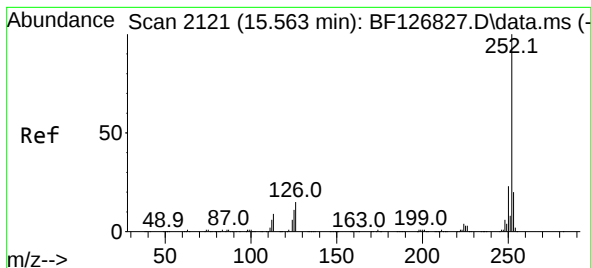
Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 9.8 8.8 13.2





#90

Benzo(a)pyrene

Concen: 54.267 ng

RT: 15.563 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB142610BS

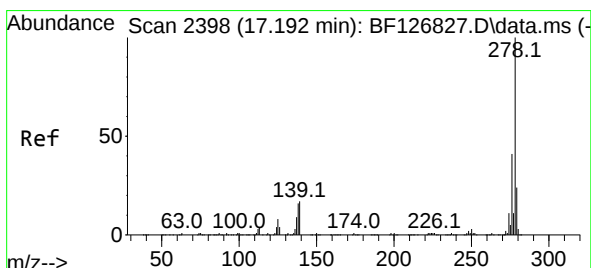
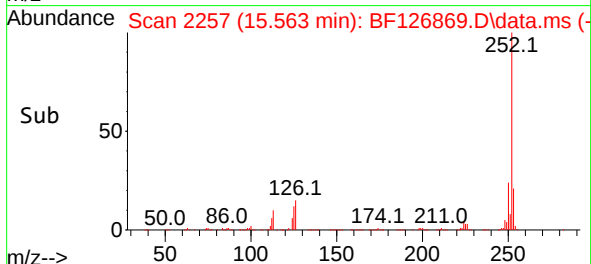
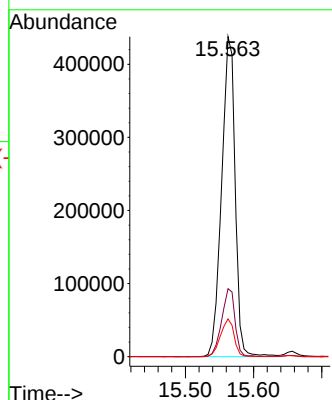
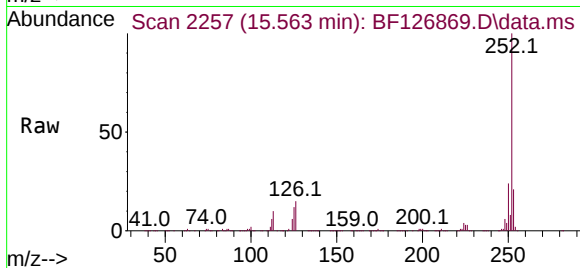
Tgt Ion:252 Resp: 605154

Ion Ratio Lower Upper

252 100

253 21.3 16.4 24.6

125 11.8 9.1 13.7



#91

Dibenzo(a,h)anthracene

Concen: 46.827 ng

RT: 17.192 min Scan# 2534

Delta R.T. 0.000 min

Lab File: BF126869.D

Acq: 14 Feb 2022 14:16

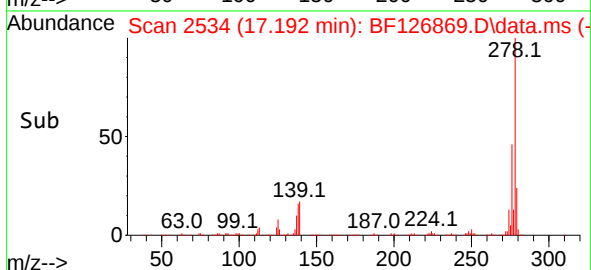
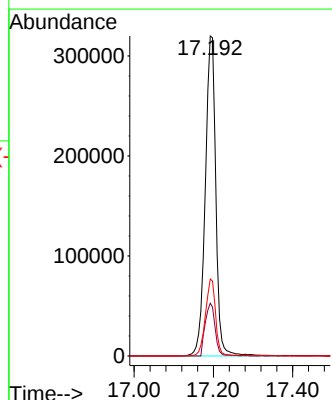
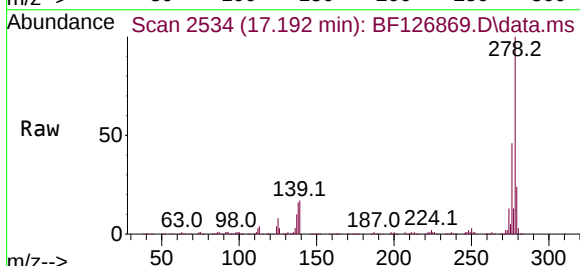
Tgt Ion:278 Resp: 593183

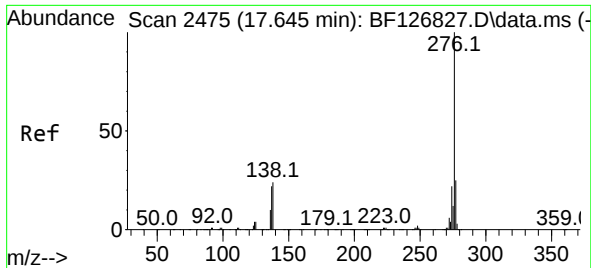
Ion Ratio Lower Upper

278 100

139 16.5 13.8 20.6

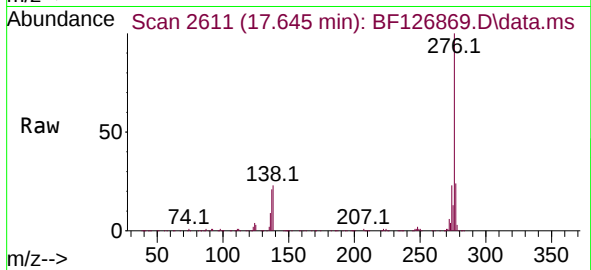
279 24.0 19.4 29.2





#92
 Benzo(g,h,i)perylene
 Concen: 45.819 ng
 RT: 17.645 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF126869.D
 Acq: 14 Feb 2022 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB142610BS



Tgt Ion:	276	Resp:	577404
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.8	29.8
138	23.4	19.6	29.4

