

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127045.D
 Acq On : 23 Feb 2022 18:02
 Operator : CG\JU
 Sample : N1626-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-A1

Quant Time: Feb 24 02:16:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

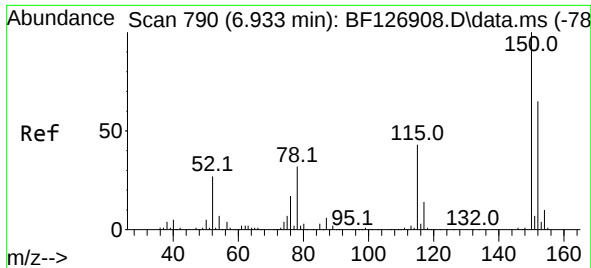
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	93711	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	352063	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	142384	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	180223	20.000	ng	# 0.02
76) Chrysene-d12	14.104	240	137883	20.000	ng	# 0.02
86) Perylene-d12	15.610	264	103242	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	621385	102.485	ng	0.04
7) Phenol-d6	6.545	99	792326	96.845	ng	0.00
23) Nitrobenzene-d5	7.475	82	570470	73.139	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	148405	90.526	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	857660	88.676	ng	0.00
79) Terphenyl-d14	13.045	244	589923	62.895	ng	0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.463	77	15985	3.210	ng	93
10) Phenol	6.557	94	21255	2.571	ng	82
15) Benzyl Alcohol	7.051	79	95663	13.879	ng	96
17) 2-Methylphenol	7.051	107	44469	7.901	ng	# 1
19) n-Nitroso-di-n-propyla...	7.475	70	82930	15.731	ng	# 80
20) 3+4-Methylphenols	7.051	107	44468	6.084	ng	# 20
25) Isophorone	7.475	82	570297	44.186	ng	# 69
36) 4-Chloro-3-methylphenol	8.757	107	23647	3.819	ng	# 23
57) 2,4-Dinitrotoluene	9.951	165	18844	6.731	ng	# 19
63) Azobenzene	10.669	77	82664	6.981	ng	77
67) 4-Bromophenyl-phenylether	10.745	248	9080	4.509	ng	# 1
75) Fluoranthene	12.692	202	41439	4.326	ng	# 70
77) Benzidine	12.963	184	53471	14.270	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.068	149	93481	12.556	ng	# 95
88) Benzo(b)fluoranthene	15.162	252	15798	2.278	ng	# 1
89) Benzo(k)fluoranthene	15.162	252	16034	2.397	ng	# 1

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

Quant Time: Feb 24 02:16:55 2022
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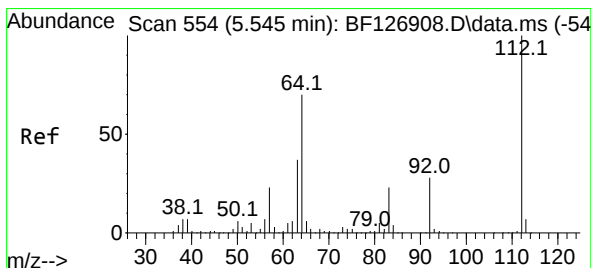
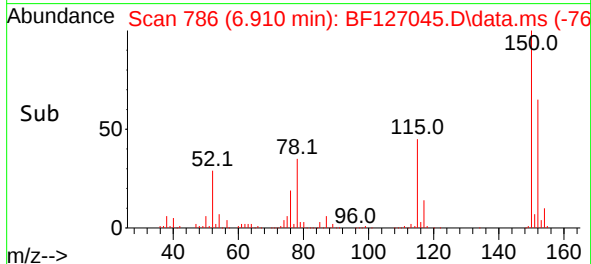
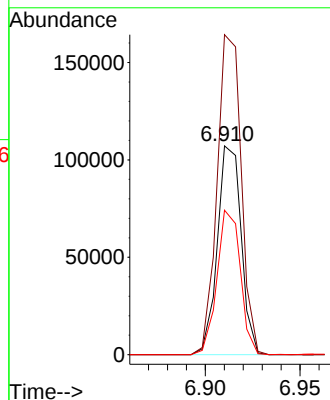
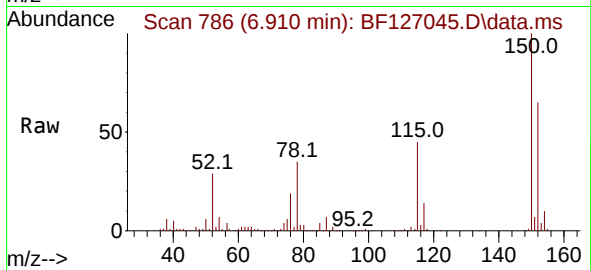




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

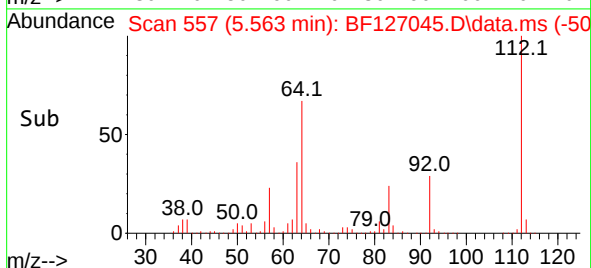
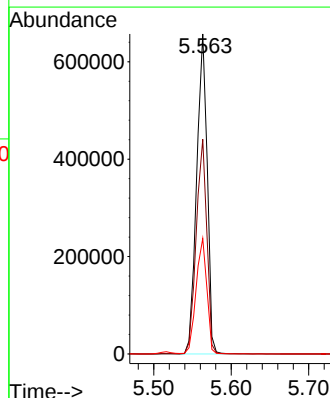
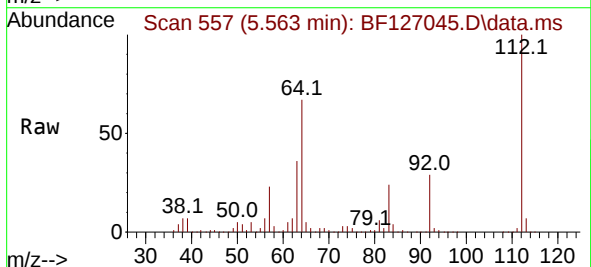
Instrument :
BNA_F
ClientSampleId :
CC-A1

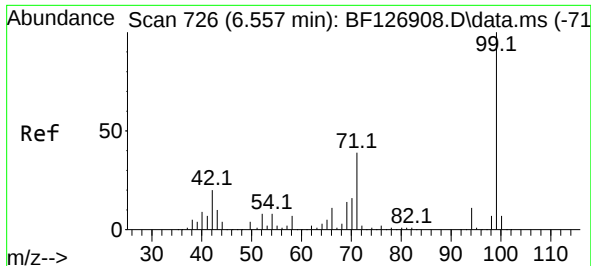
Tgt Ion:152 Resp: 93711
Ion Ratio Lower Upper
152 100
150 153.2 128.1 192.1
115 69.2 56.7 85.1



#5
2-Fluorophenol
Concen: 102.485 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.035 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

Tgt Ion:112 Resp: 621385
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 36.1 23.9 35.9#

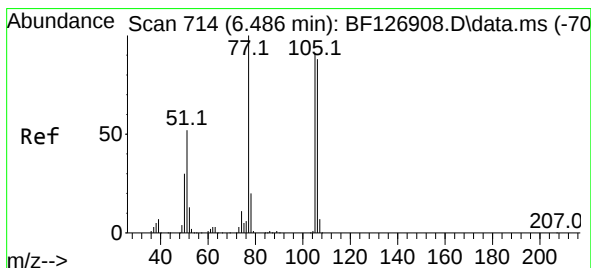
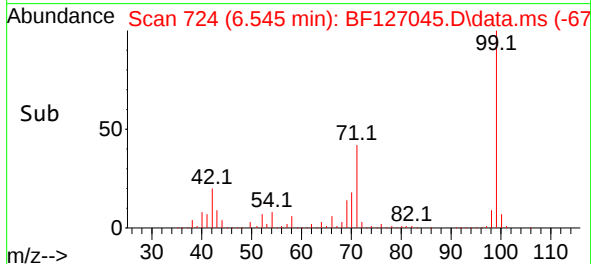
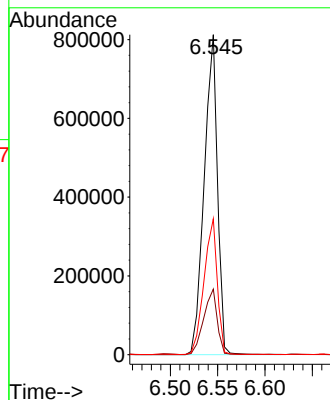
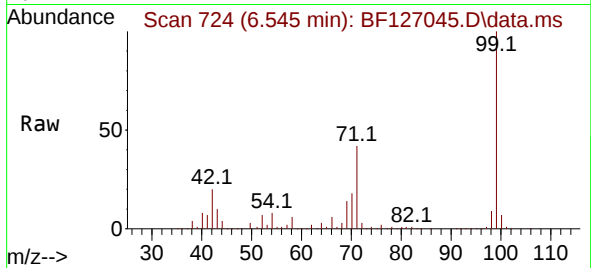




#7
Phenol-d6
Concen: 96.845 ng
RT: 6.545 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

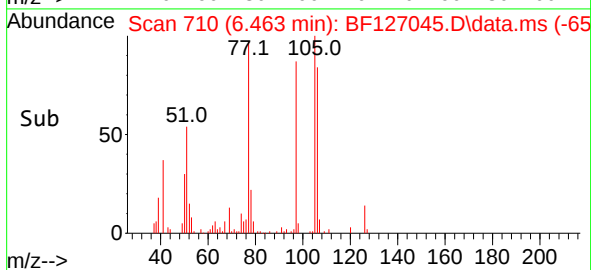
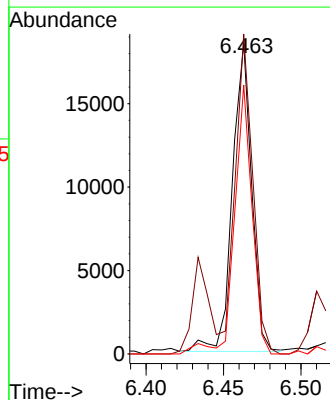
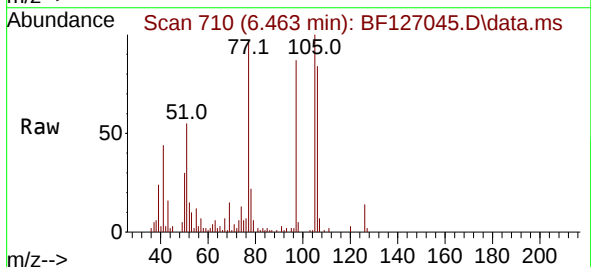
Instrument :
BNA_F
ClientSampleId :
CC-A1

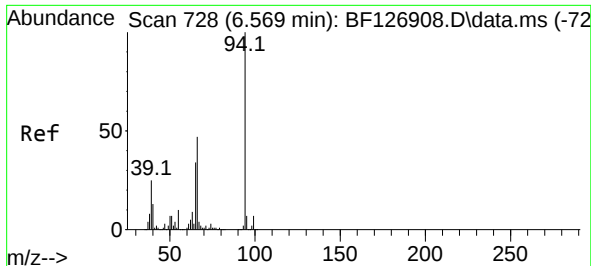
Tgt Ion: 99 Resp: 792326
Ion Ratio Lower Upper
99 100
42 20.5 14.2 21.4
71 42.4 24.3 36.5#



#9
Benzaldehyde
Concen: 3.210 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

Tgt Ion: 77 Resp: 15985
Ion Ratio Lower Upper
77 100
105 103.0 74.9 114.9
106 86.6 72.4 112.4

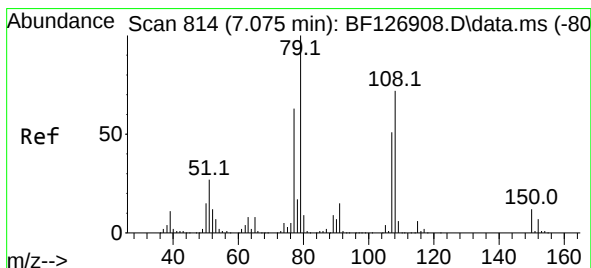
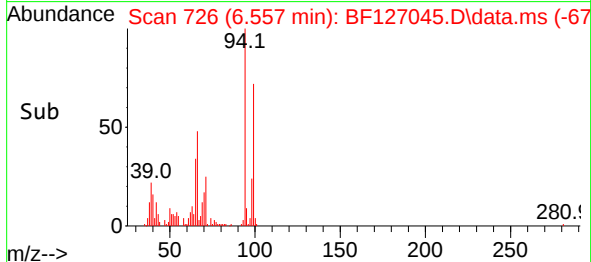
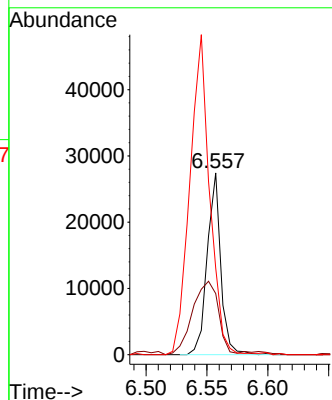
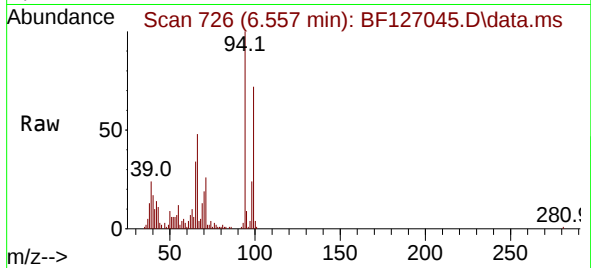




#10
Phenol
Concen: 2.571 ng
RT: 6.557 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

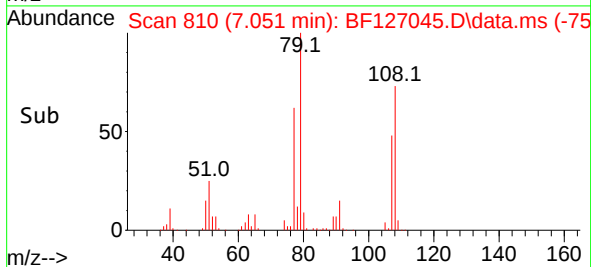
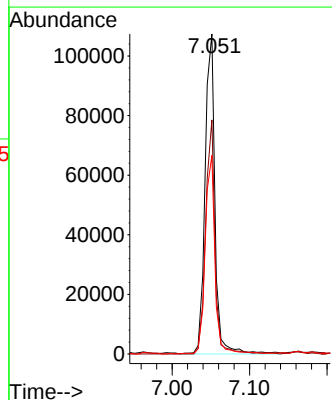
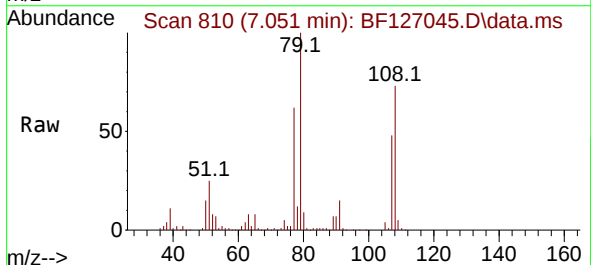
Instrument :
BNA_F
ClientSampleId :
CC-A1

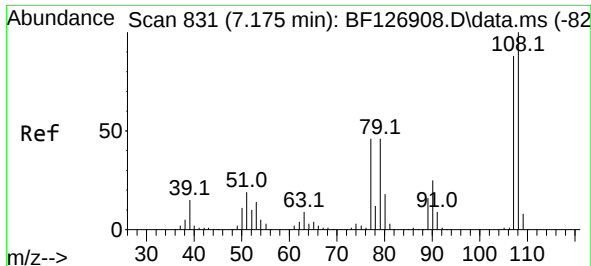
Tgt Ion: 94 Resp: 21255
Ion Ratio Lower Upper
94 100
65 33.6 7.2 47.2
66 47.6 14.5 54.5



#15
Benzyl Alcohol
Concen: 13.879 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

Tgt Ion: 79 Resp: 95663
Ion Ratio Lower Upper
79 100
108 73.2 63.2 94.8
77 62.1 49.4 74.2

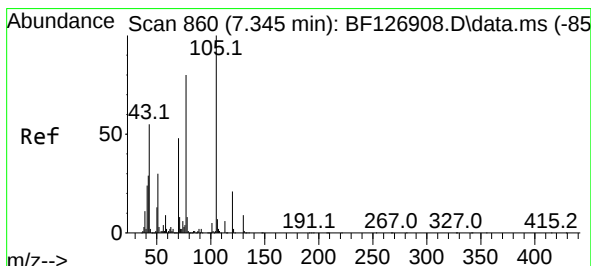
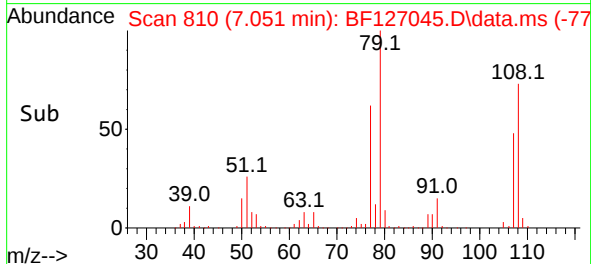
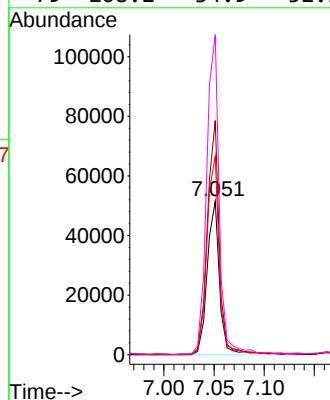
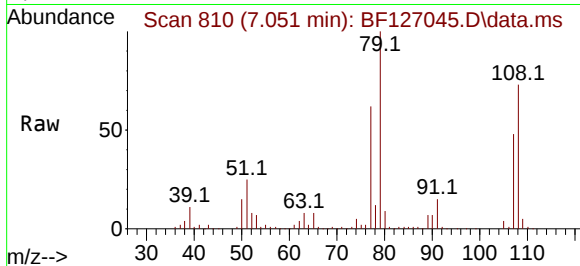




#17
2-Methylphenol
Concen: 7.901 ng
RT: 7.051 min Scan# 81
Delta R.T. -0.106 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

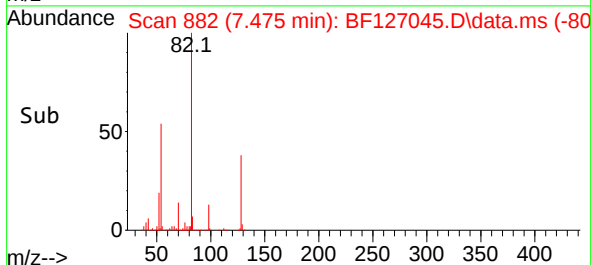
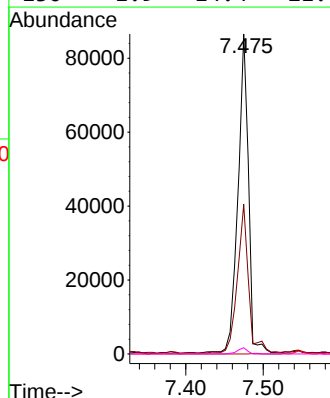
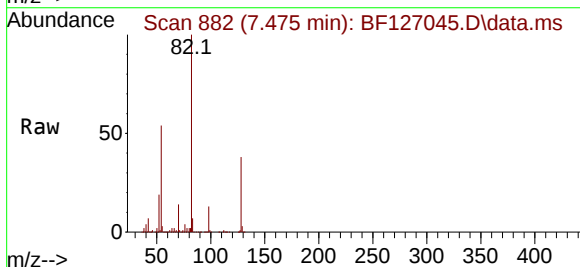
Instrument :
BNA_F
ClientSampleId :
CC-A1

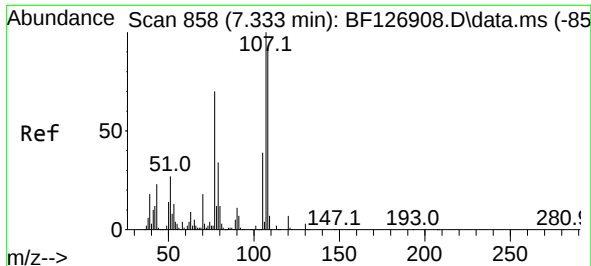
Tgt Ion:107 Resp: 44469
Ion Ratio Lower Upper
107 100
108 152.3 93.4 140.0#
77 129.2 36.1 54.1#
79 208.2 34.9 52.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.731 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.153 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

Tgt Ion: 70 Resp: 82930
Ion Ratio Lower Upper
70 100
42 46.8 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#





#20

3+4-Methylphenols

Concen: 6.084 ng

RT: 7.051 min Scan# 81

Delta R.T. -0.259 min

Lab File: BF127045.D

Acq: 23 Feb 2022 18:02

Instrument :

BNA_F

ClientSampleId :

CC-A1

Tgt Ion:107 Resp: 44468

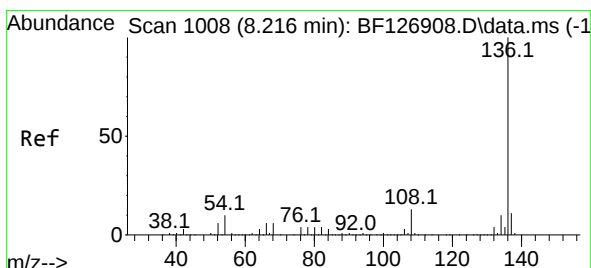
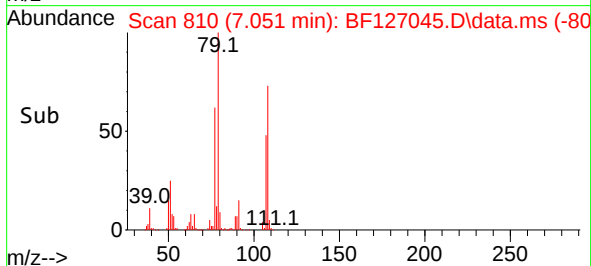
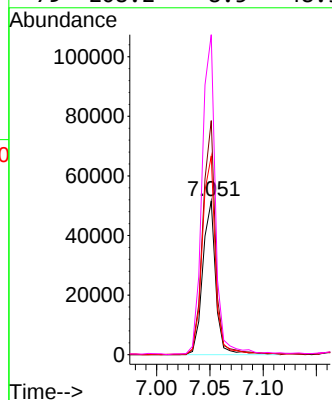
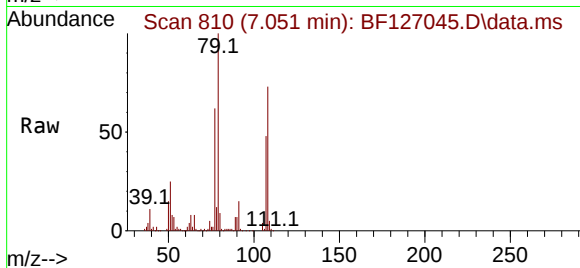
Ion Ratio Lower Upper

107 100

108 152.3 72.4 112.4#

77 129.2 83.8 123.8#

79 208.2 8.5 48.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.192 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF127045.D

Acq: 23 Feb 2022 18:02

Tgt Ion:136 Resp: 352063

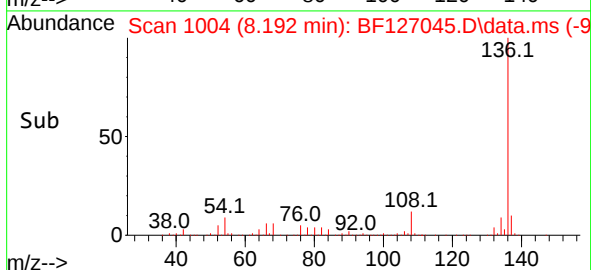
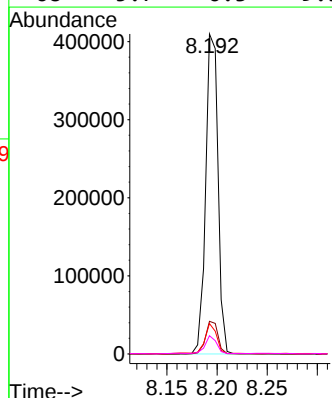
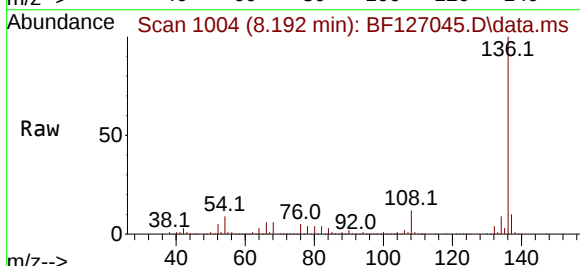
Ion Ratio Lower Upper

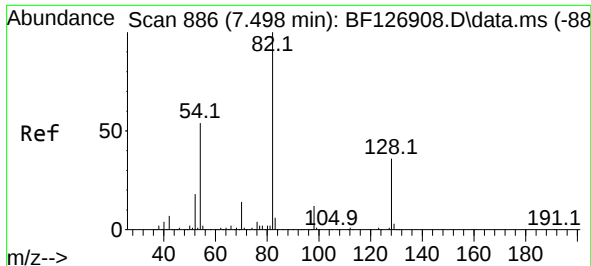
136 100

137 10.2 8.6 13.0

54 9.5 7.8 11.6

68 5.7 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 73.139 ng

RT: 7.475 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF127045.D

Acq: 23 Feb 2022 18:02

Instrument :

BNA_F

ClientSampleId :

CC-A1

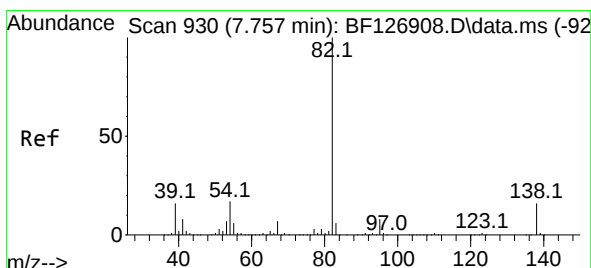
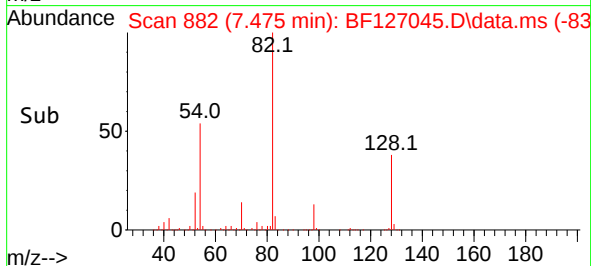
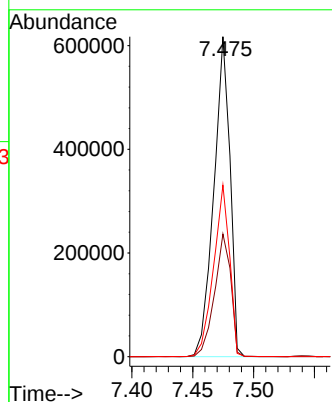
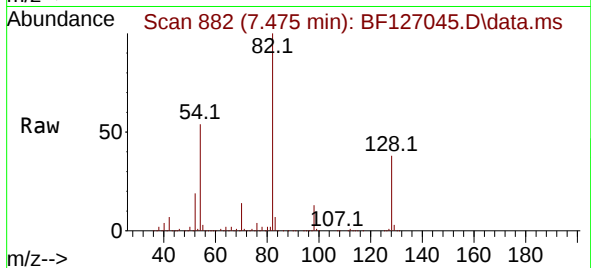
Tgt Ion: 82 Resp: 570470

Ion Ratio Lower Upper

82 100

128 38.4 32.7 49.1

54 53.6 41.7 62.5



#25

Isophorone

Concen: 44.186 ng

RT: 7.475 min Scan# 882

Delta R.T. -0.259 min

Lab File: BF127045.D

Acq: 23 Feb 2022 18:02

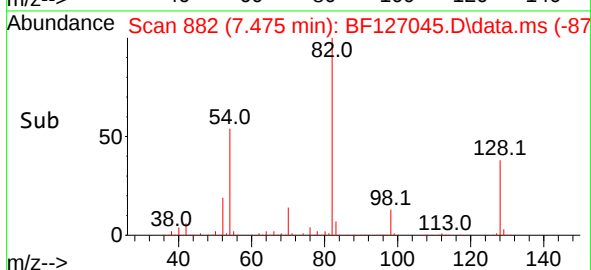
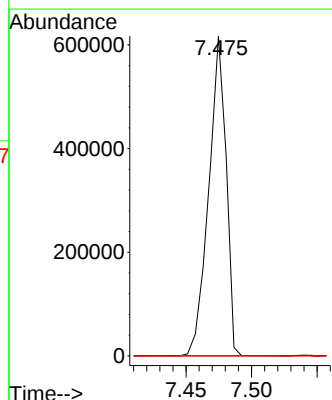
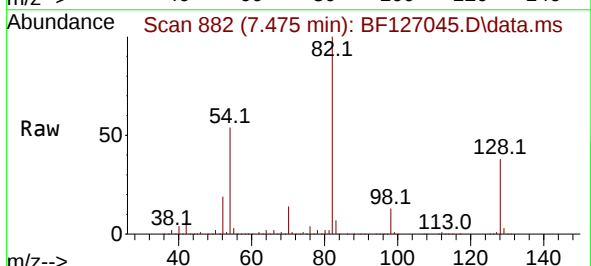
Tgt Ion: 82 Resp: 570297

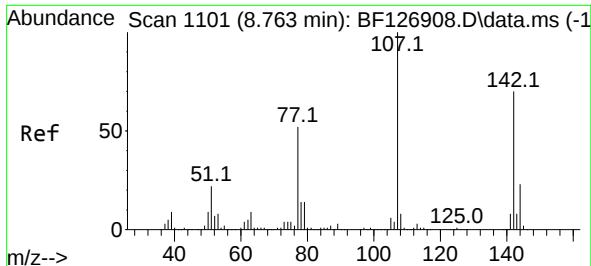
Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

138 0.0 12.3 18.5#

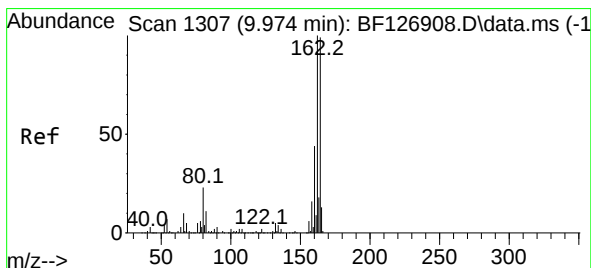
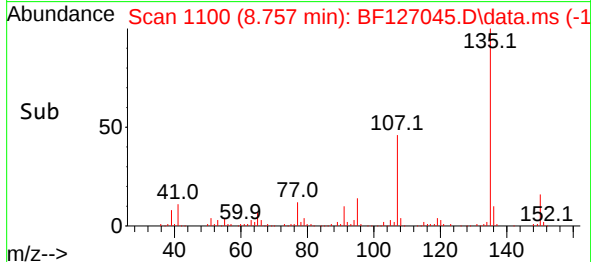
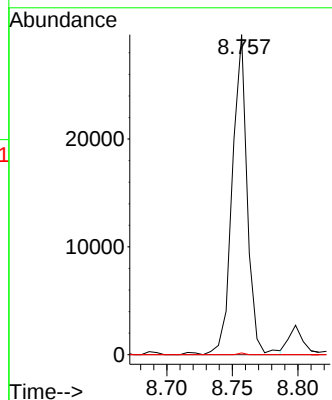
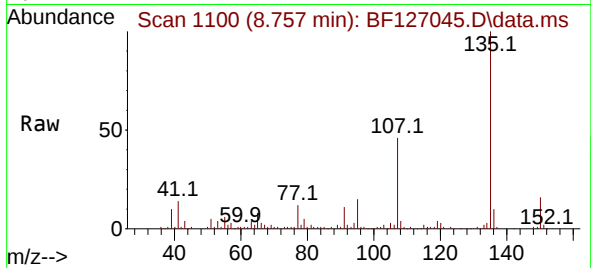




#36
 4-Chloro-3-methylphenol
 Concen: 3.819 ng
 RT: 8.757 min Scan# 1101
 Delta R.T. 0.018 min
 Lab File: BF127045.D
 Acq: 23 Feb 2022 18:02

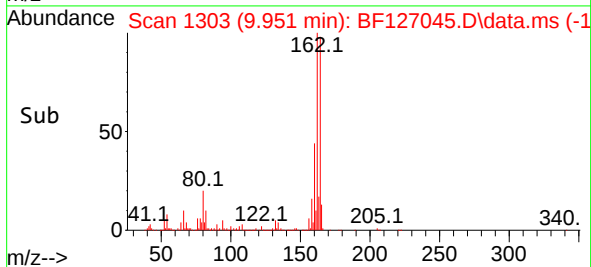
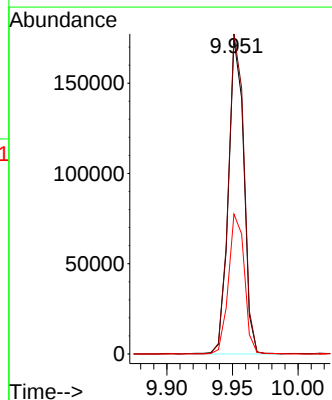
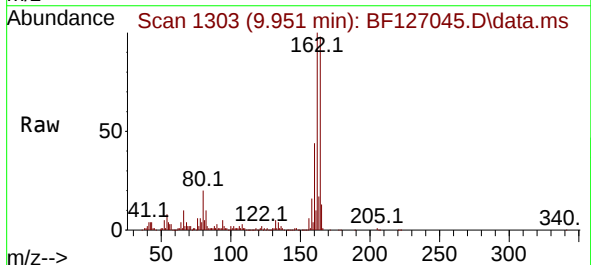
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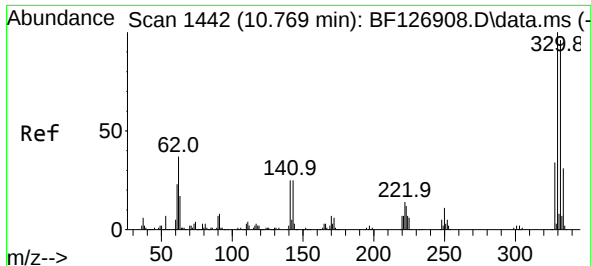
Tgt Ion:107 Resp: 23647
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.5 27.7#
 142 0.5 58.1 87.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.951 min Scan# 1303
 Delta R.T. 0.000 min
 Lab File: BF127045.D
 Acq: 23 Feb 2022 18:02

Tgt Ion:164 Resp: 142384
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.4 122.0
 160 44.4 36.6 54.8

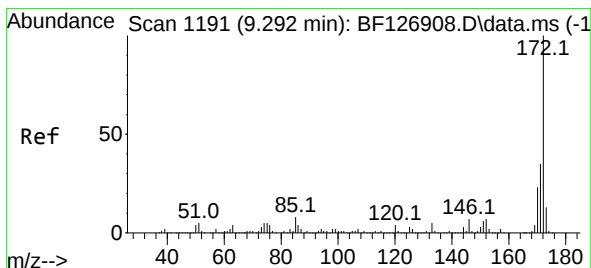
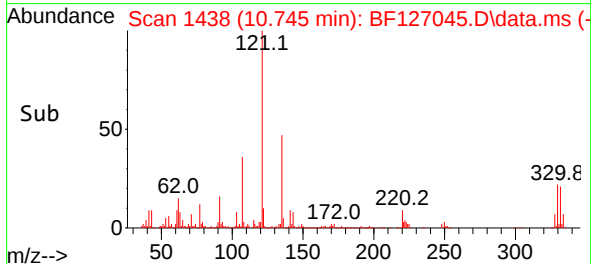
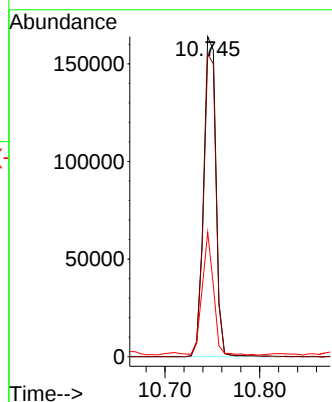
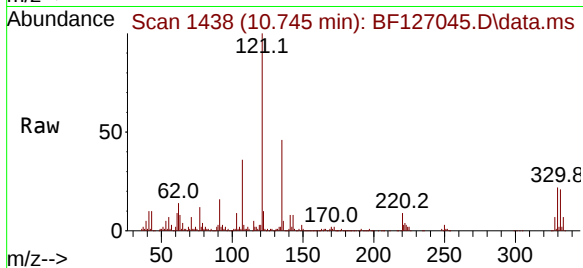




#42
 2,4,6-Tribromophenol
 Concen: 90.526 ng
 RT: 10.745 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF127045.D
 Acq: 23 Feb 2022 18:02

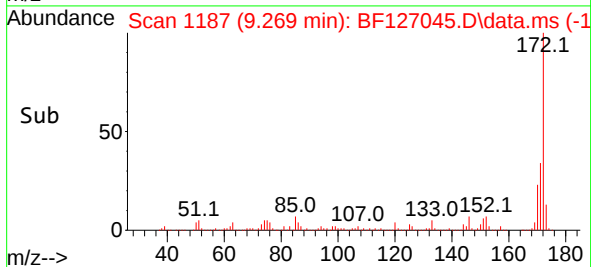
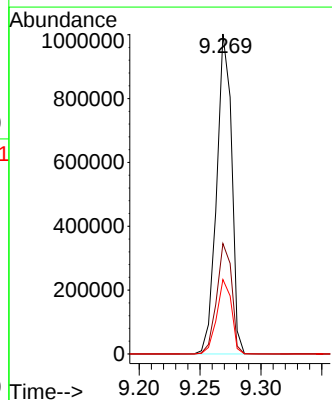
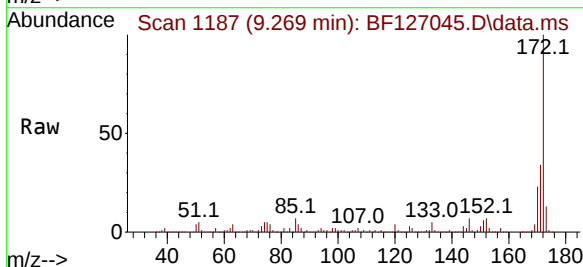
Instrument :
 BNA_F
 ClientSampleId :
 CC-A1

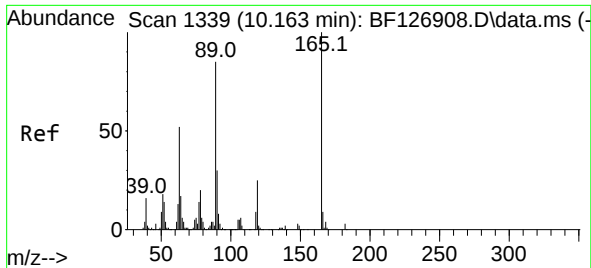
Tgt Ion: 330 Resp: 148405
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.0 114.0
 141 35.1 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 88.676 ng
 RT: 9.269 min Scan# 1187
 Delta R.T. 0.000 min
 Lab File: BF127045.D
 Acq: 23 Feb 2022 18:02

Tgt Ion: 172 Resp: 857660
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.3 42.5
 170 23.2 19.0 28.6

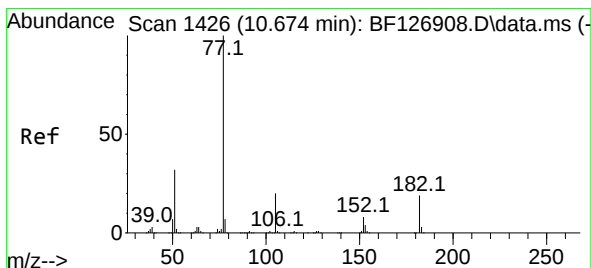
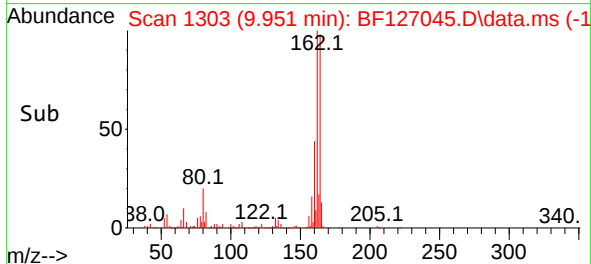
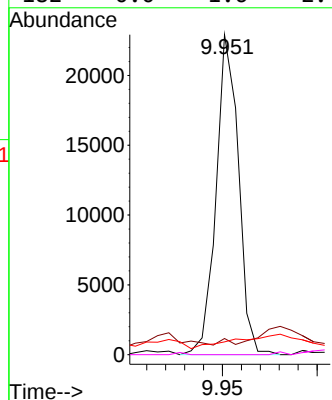
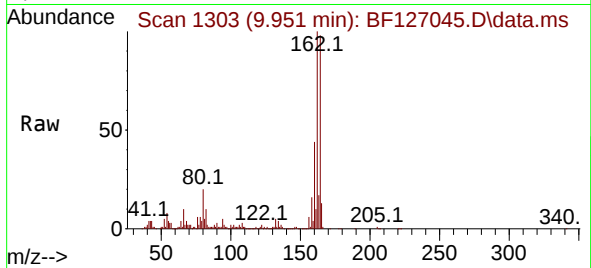




#57
2,4-Dinitrotoluene
Concen: 6.731 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

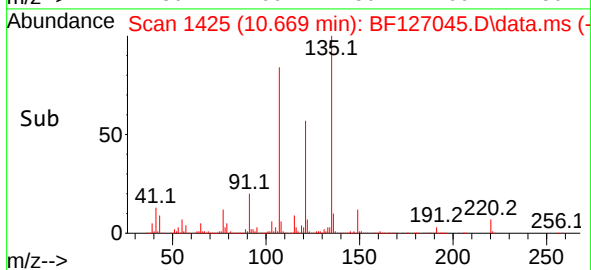
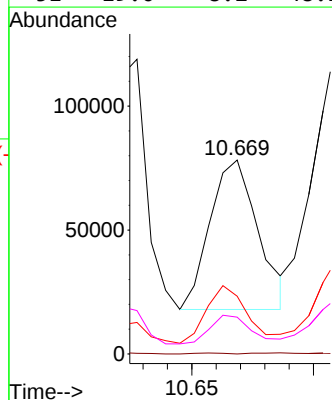
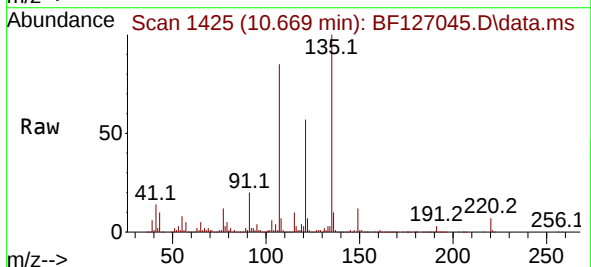
Instrument :
BNA_F
ClientSampleId :
CC-A1

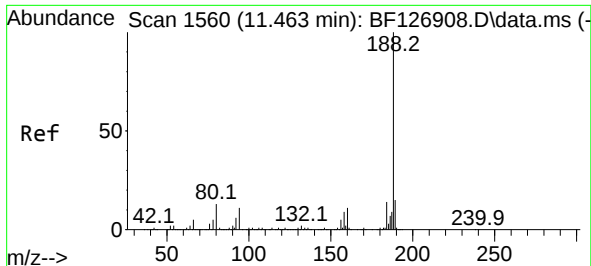
Tgt Ion:165 Resp: 18844
Ion Ratio Lower Upper
165 100
63 5.0 43.0 64.6#
89 4.0 71.0 106.4#
182 0.0 1.6 2.4#



#63
Azobenzene
Concen: 6.981 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.018 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

Tgt Ion: 77 Resp: 82664
Ion Ratio Lower Upper
77 100
182 0.0 0.0 39.0
105 29.8 3.2 43.2
51 19.0 8.2 48.2

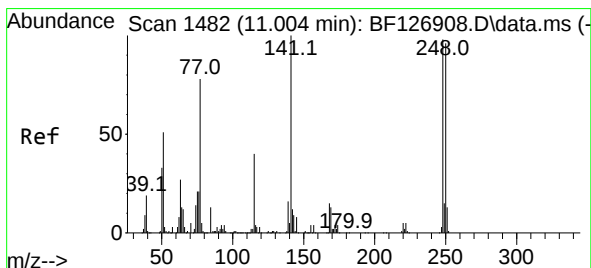
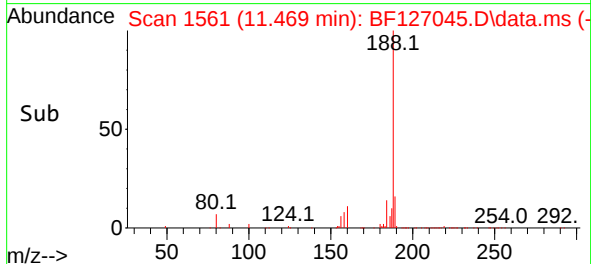
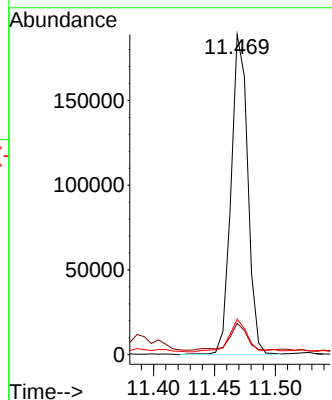
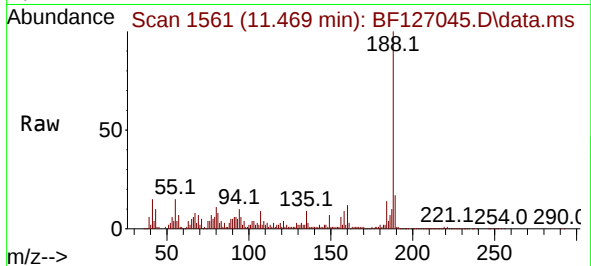




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

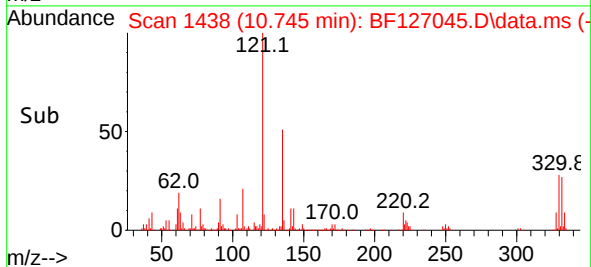
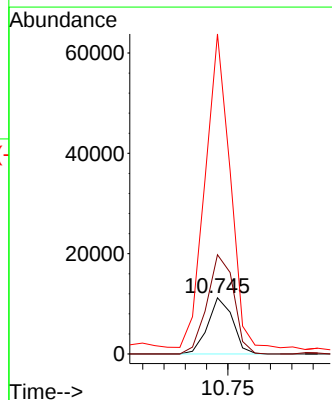
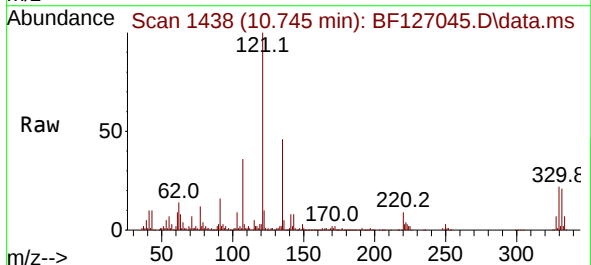
Instrument :
BNA_F
ClientSampleId :
CC-A1

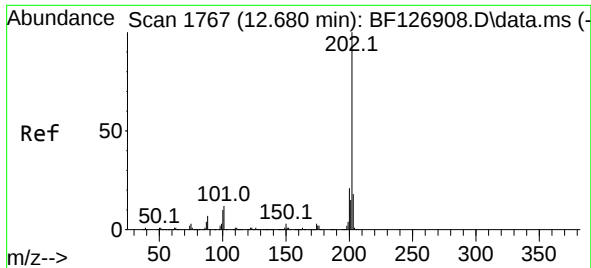
Tgt Ion:188 Resp: 180223
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 11.1 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.509 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.241 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

Tgt Ion:248 Resp: 9080
Ion Ratio Lower Upper
248 100
250 176.7 76.2 114.4#
141 569.9 66.2 99.4#

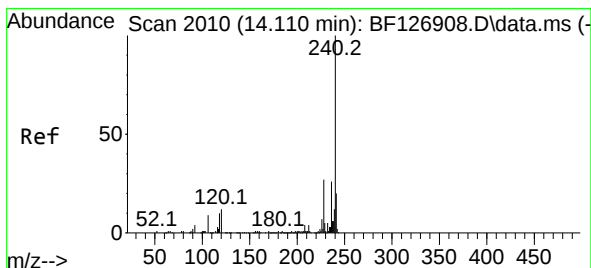
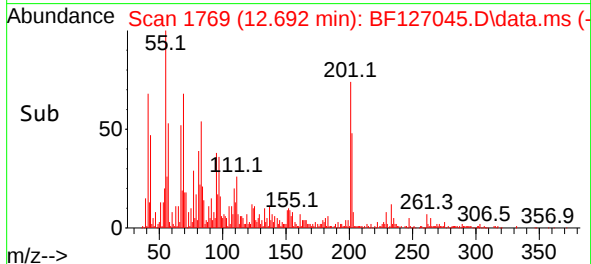
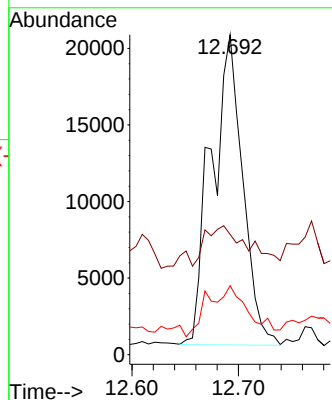
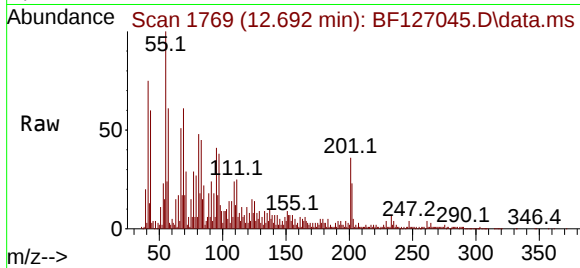




#75
Fluoranthene
Concen: 4.326 ng
RT: 12.692 min Scan# 1
Delta R.T. 0.035 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

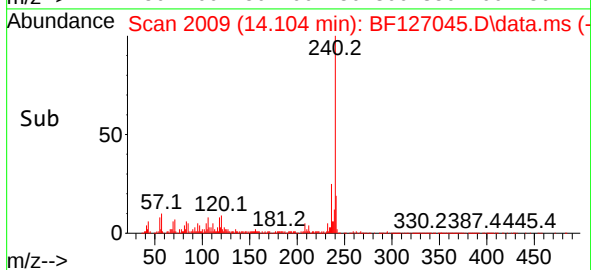
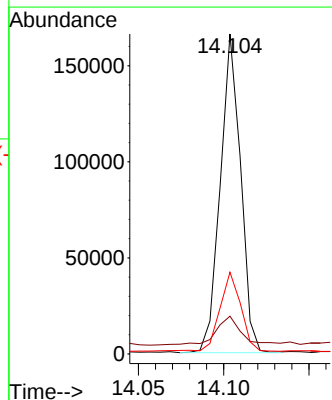
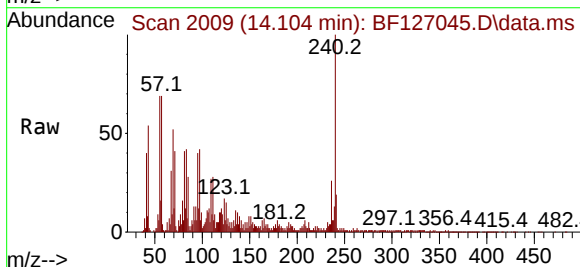
Instrument :
BNA_F
ClientSampleId :
CC-A1

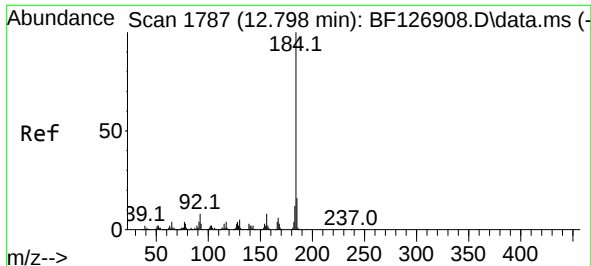
Tgt Ion:202 Resp: 41439
Ion Ratio Lower Upper
202 100
101 37.6 0.0 35.7#
203 21.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.018 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

Tgt Ion:240 Resp: 137883
Ion Ratio Lower Upper
240 100
120 11.8 14.4 21.6#
236 25.6 20.5 30.7

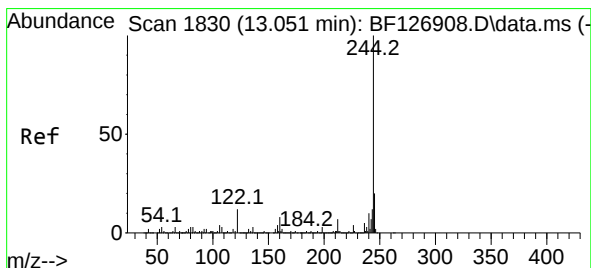
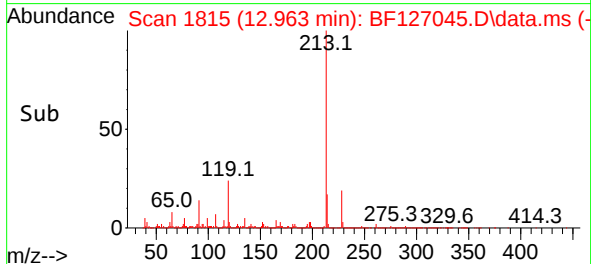
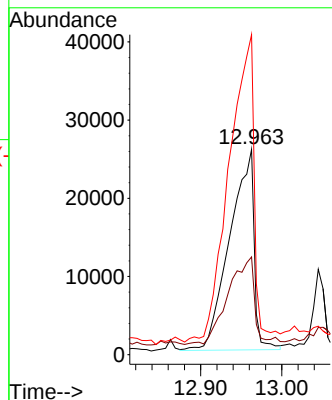
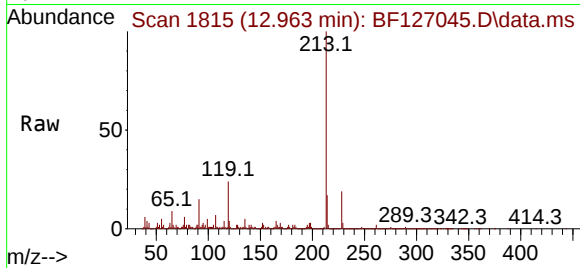




#77
Benzidine
Concen: 14.270 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.188 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

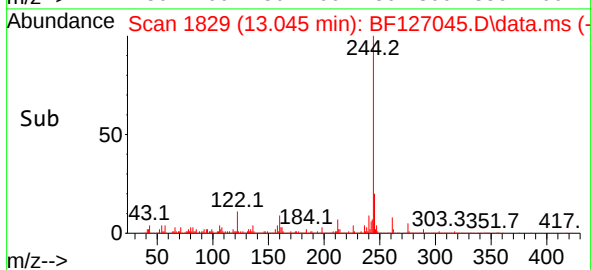
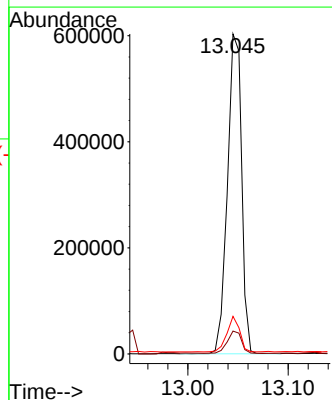
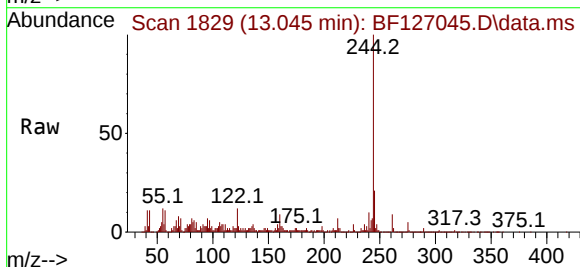
Instrument :
BNA_F
ClientSampleId :
CC-A1

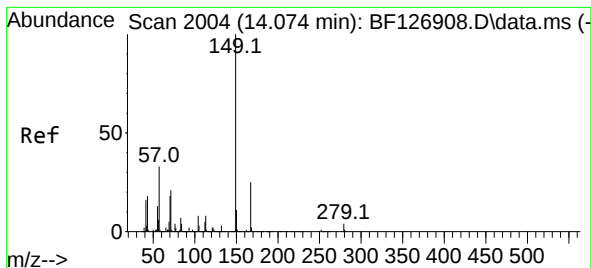
Tgt Ion:184 Resp: 53471
Ion Ratio Lower Upper
184 100
185 47.6 11.8 17.8#
183 155.8 8.2 12.2#



#79
Terphenyl-d14
Concen: 62.895 ng
RT: 13.045 min Scan# 1829
Delta R.T. 0.018 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

Tgt Ion:244 Resp: 589923
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 11.8 13.3 19.9#

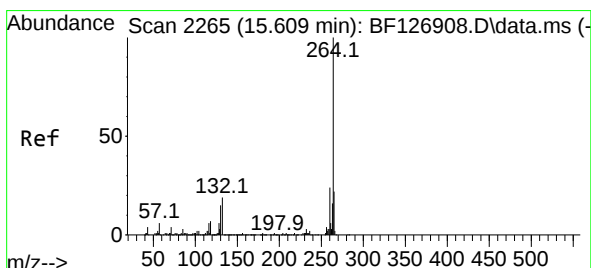
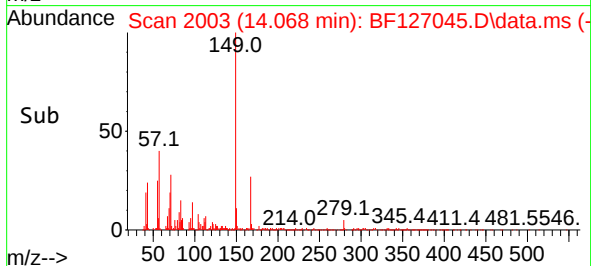
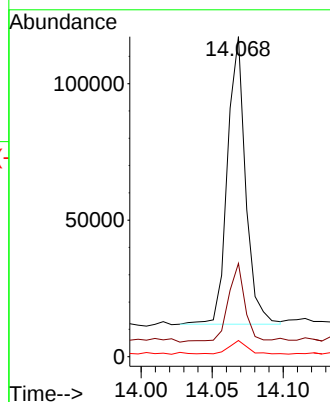
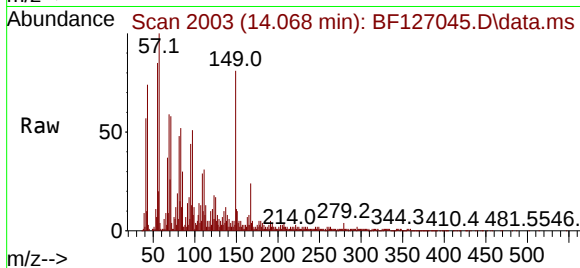




#84
Bis(2-ethylhexyl)phthalate
Concen: 12.556 ng
RT: 14.068 min Scan# 2004
Delta R.T. 0.018 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

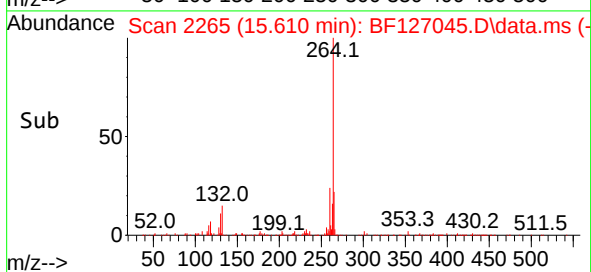
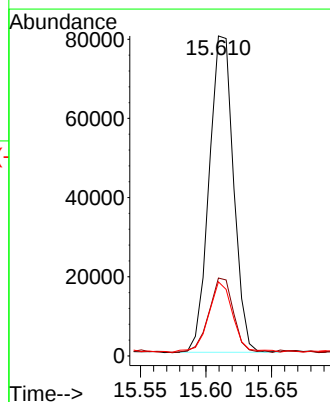
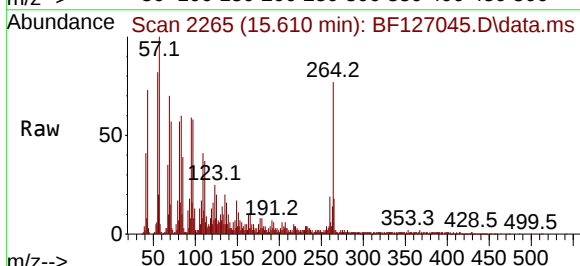
Instrument :
BNA_F
ClientSampleId :
CC-A1

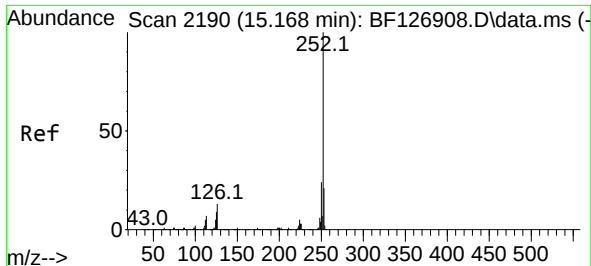
Tgt Ion:149 Resp: 93481
Ion Ratio Lower Upper
149 100
167 29.1 21.4 32.2
279 5.0 2.4 3.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2265
Delta R.T. 0.024 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

Tgt Ion:264 Resp: 103242
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 23.2 17.4 26.2

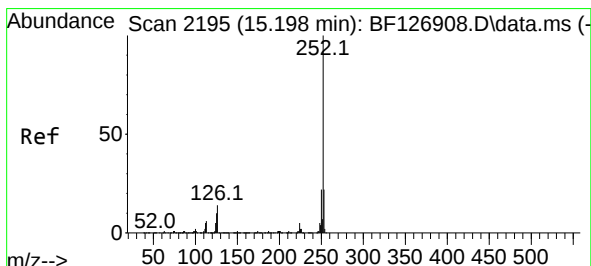
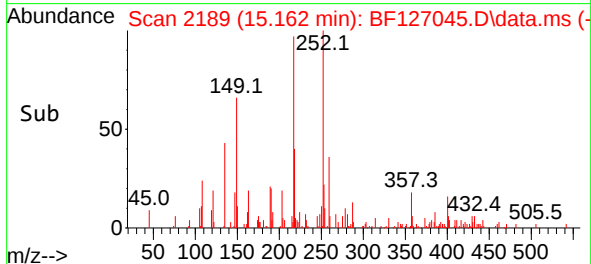
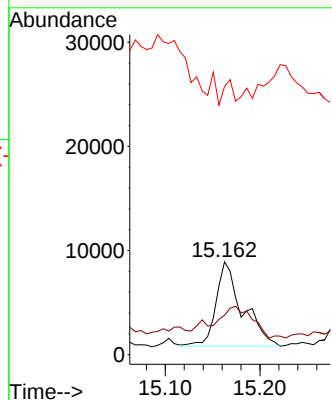
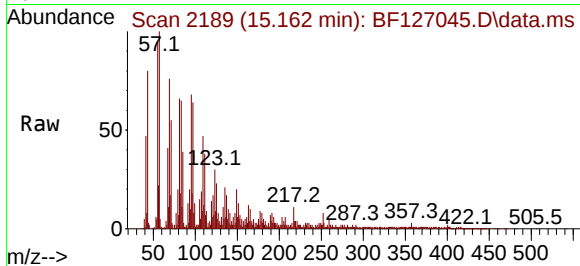




#88
Benzo(b)fluoranthene
Concen: 2.278 ng
RT: 15.162 min Scan# 2190
Delta R.T. 0.018 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

Instrument :
BNA_F
ClientSampleId :
CC-A1

Tgt Ion:252 Resp: 15798
Ion Ratio Lower Upper
252 100
253 42.5 17.8 26.8#
125 288.8 12.4 18.6#



#89
Benzo(k)fluoranthene
Concen: 2.397 ng
RT: 15.162 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BF127045.D
Acq: 23 Feb 2022 18:02

Tgt Ion:252 Resp: 16034
Ion Ratio Lower Upper
252 100
253 42.5 17.5 26.3#
125 288.8 11.8 17.6#

