

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127207.D
 Acq On : 04 Mar 2022 18:14
 Operator : CG\JU
 Sample : N1793-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Mar 05 02:21:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	91849	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	372253	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	191614	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	351180	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	240569	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	194216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	294179	49.502	ng	0.00
7) Phenol-d6	6.504	99	226036	28.188	ng	-0.01
23) Nitrobenzene-d5	7.440	82	677202	82.114	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	311445	141.170	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	1133719	87.103	ng	0.00
79) Terphenyl-d14	12.998	244	1223234	74.748	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	93305	18.058	ng	# 78
25) Isophorone	7.440	82	677193	49.623	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	24654	8.847	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	24654	6.544	ng	# 15
67) 4-Bromophenyl-phenylether	10.716	248	17933	4.570	ng	# 1
77) Benzidine	12.998	184	17467	2.672	ng	# 95

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

Instrument :

BNA F

ClientSampleId :

SB-7

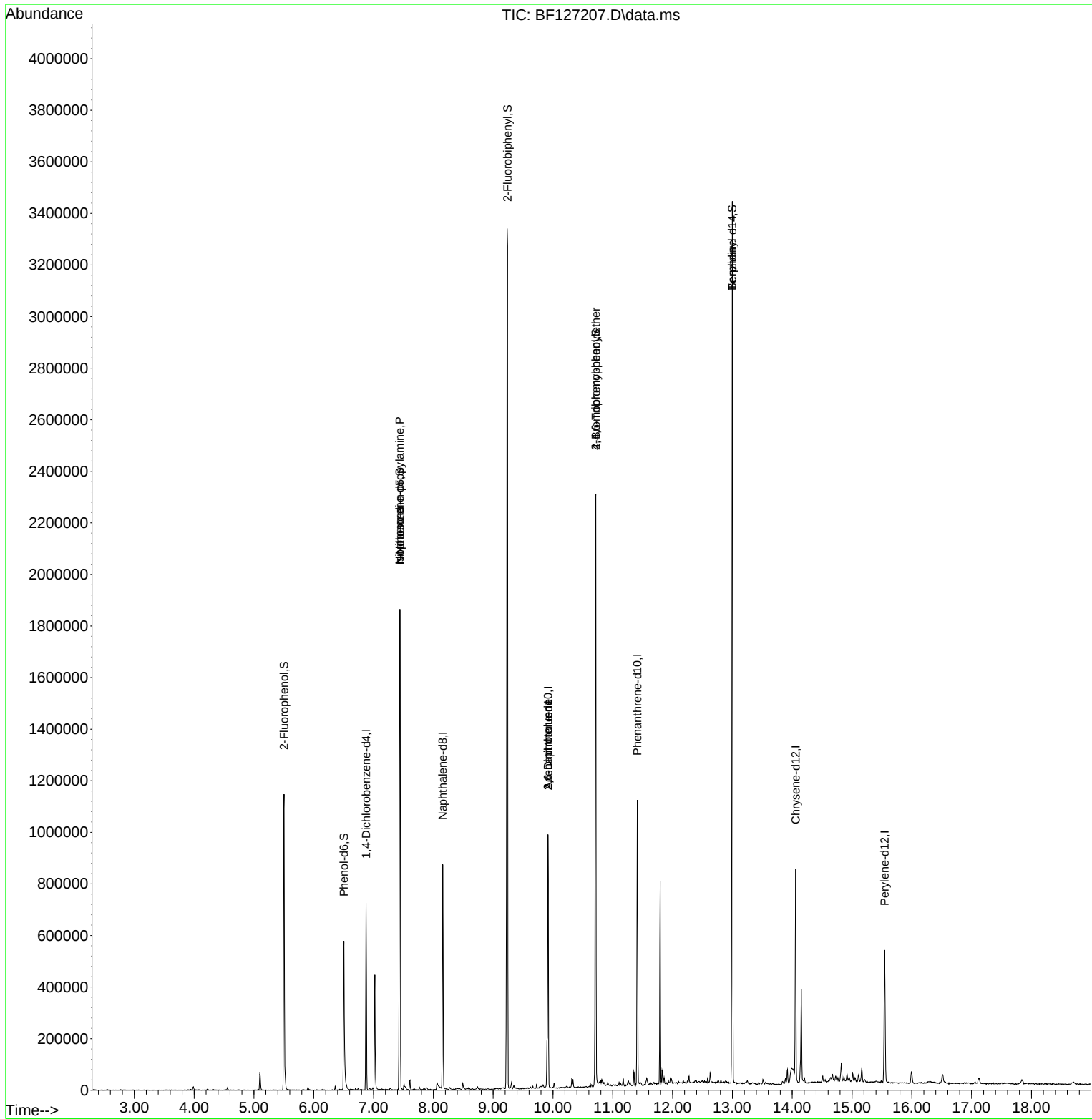
Quant Time: Mar 05 02:21:29 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 05 02:16:58 2022

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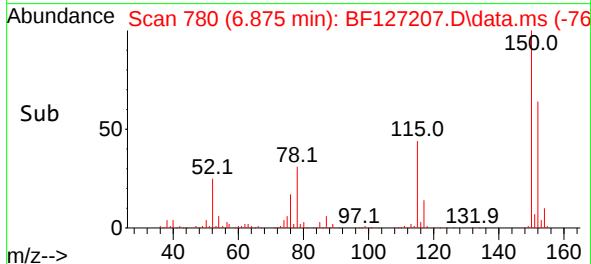
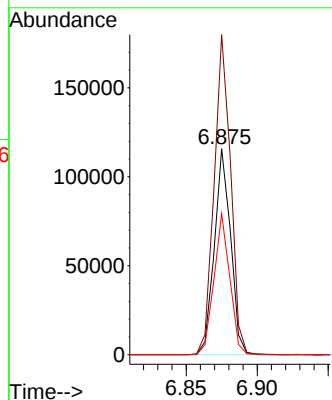
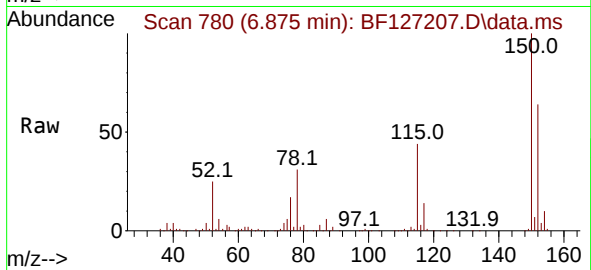




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

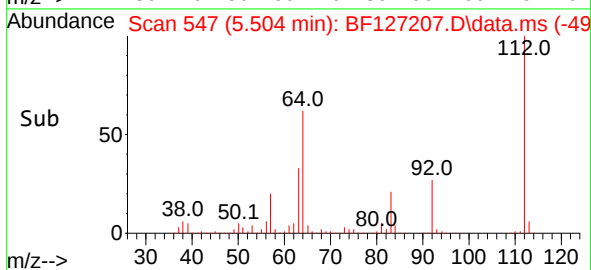
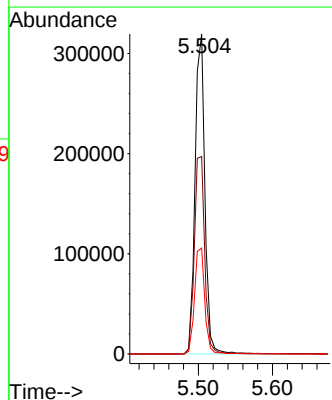
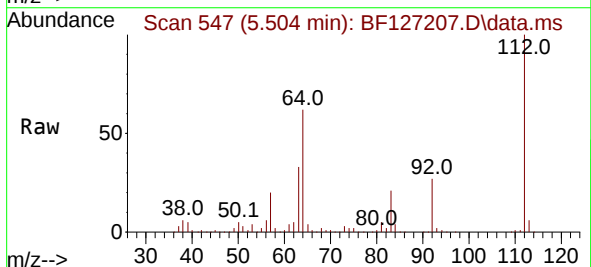
Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:152 Resp: 91849
Ion Ratio Lower Upper
152 100
150 155.4 128.1 192.1
115 68.4 56.7 85.1



#5
2-Fluorophenol
Concen: 49.502 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

Tgt Ion:112 Resp: 294179
Ion Ratio Lower Upper
112 100
64 61.7 49.5 74.3
63 33.1 23.9 35.9

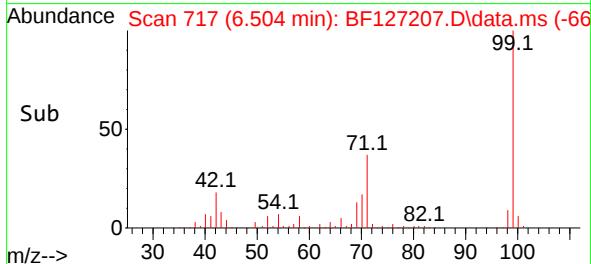
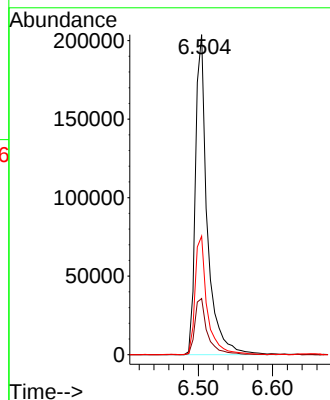
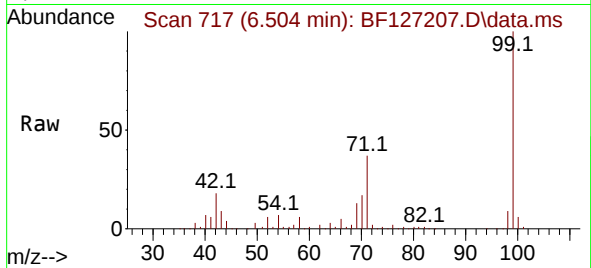




#7
Phenol-d6
Concen: 28.188 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

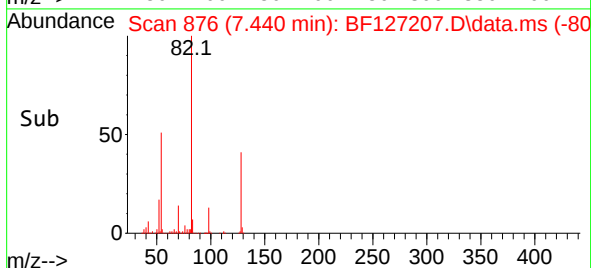
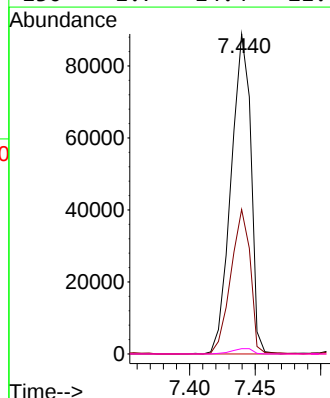
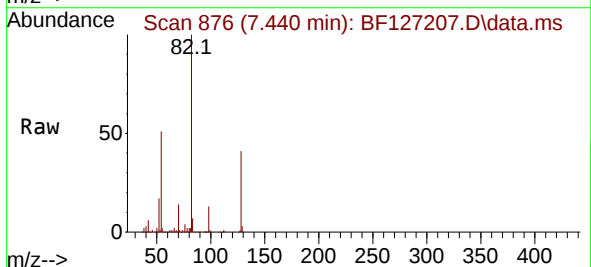
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ClientSampleId :
SB-7

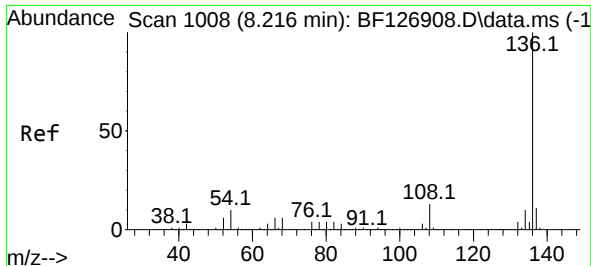
Tgt Ion: 99 Resp: 226036
Ion Ratio Lower Upper
99 100
42 17.5 14.2 21.4
71 37.1 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.058 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

Tgt Ion: 70 Resp: 93305
Ion Ratio Lower Upper
70 100
42 45.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

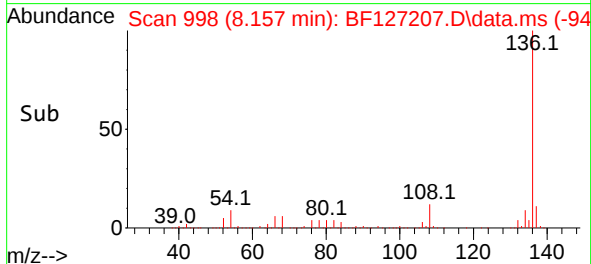
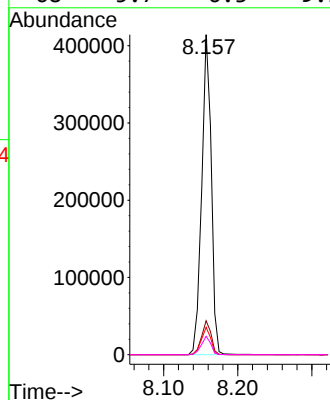
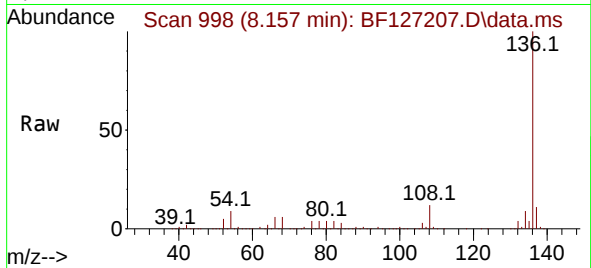




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

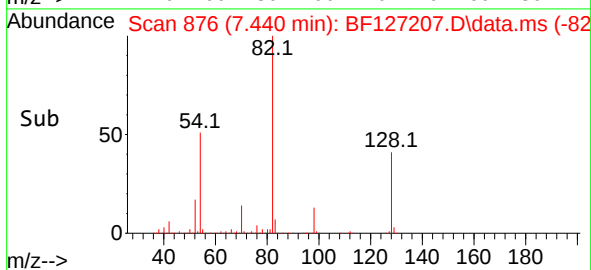
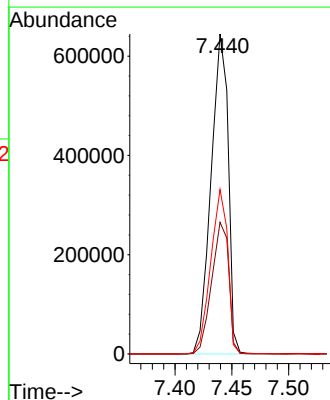
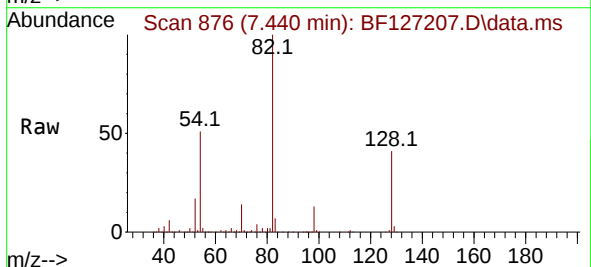
Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:136 Resp: 372253
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.6 7.8 11.6
68 5.7 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.114 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

Tgt Ion: 82 Resp: 677202
Ion Ratio Lower Upper
82 100
128 41.1 32.7 49.1
54 51.4 41.7 62.5

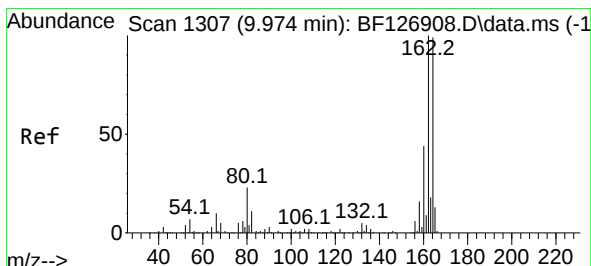
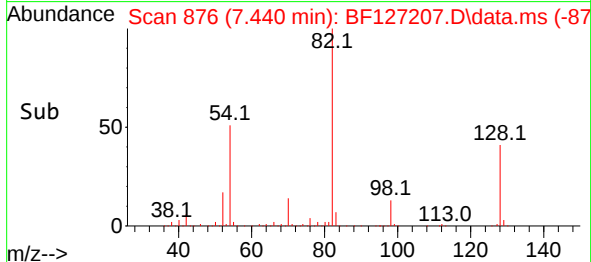
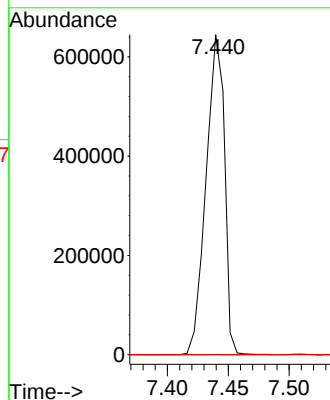
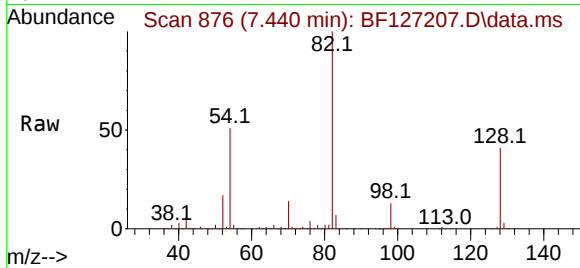




#25
Isophorone
Concen: 49.623 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

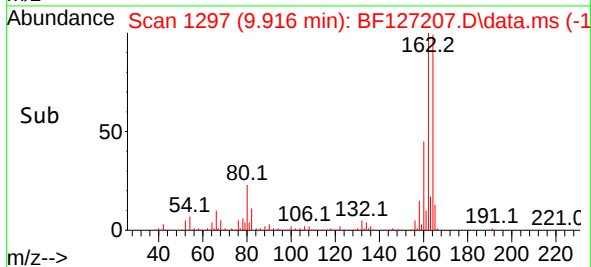
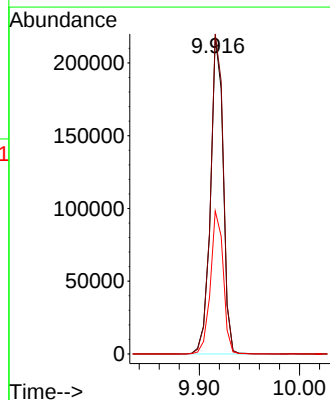
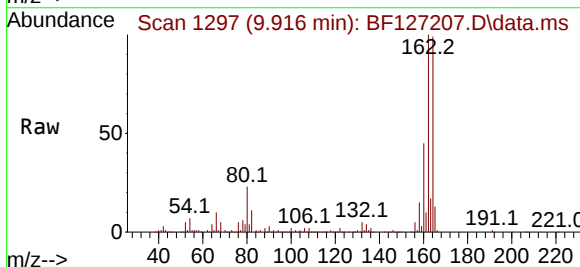
Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion: 82 Resp: 677193
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

Tgt Ion: 164 Resp: 191614
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 45.1 36.6 54.8

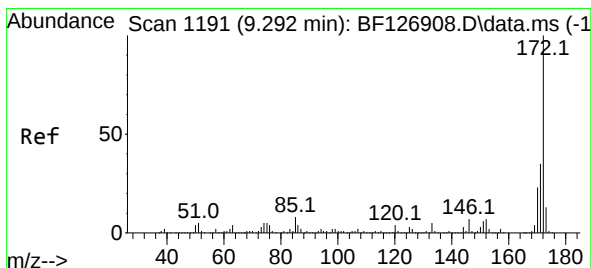
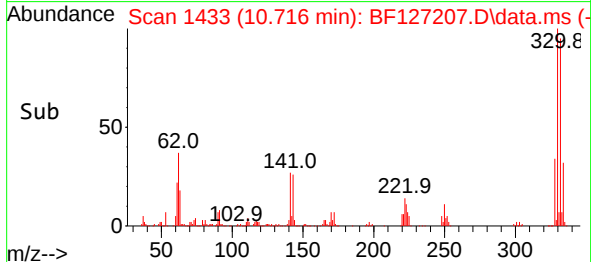
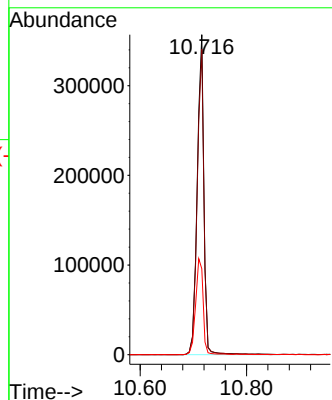
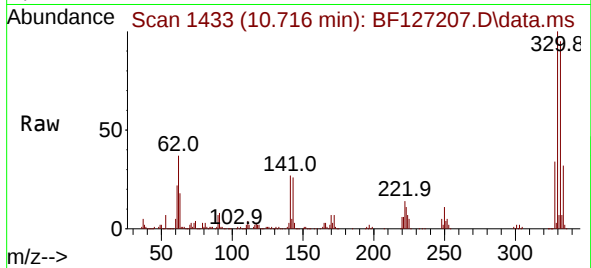




#42
2,4,6-Tribromophenol
Concen: 141.170 ng
RT: 10.716 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

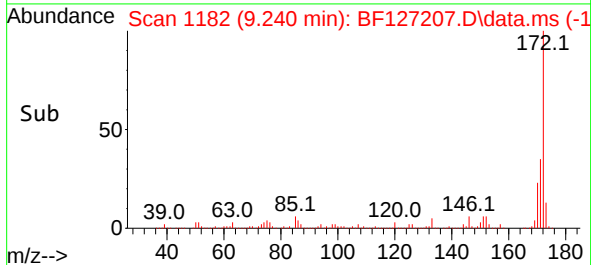
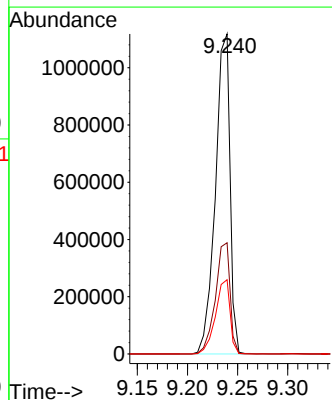
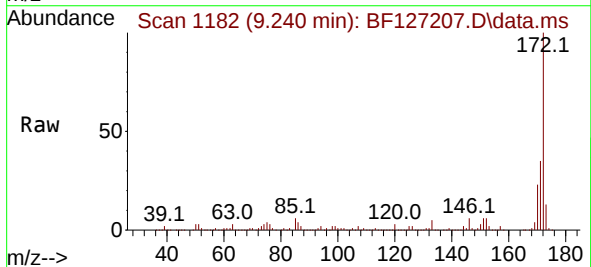
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ClientSampleId :
SB-7

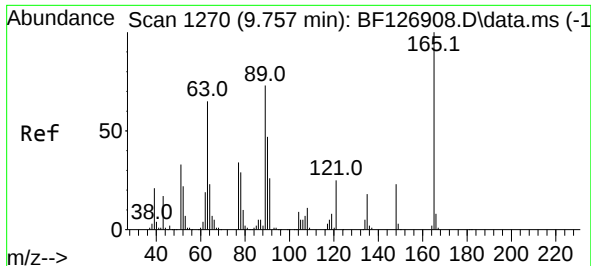
Tgt Ion: 330 Resp: 311445
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 33.6 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 87.103 ng
RT: 9.240 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

Tgt Ion: 172 Resp: 1133719
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 19.0 28.6

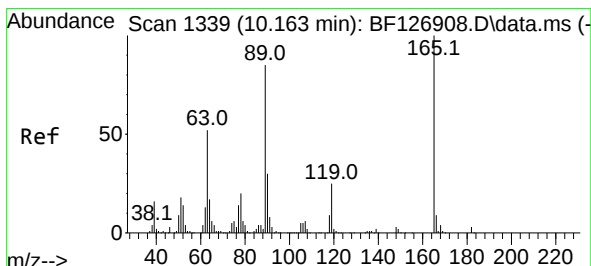
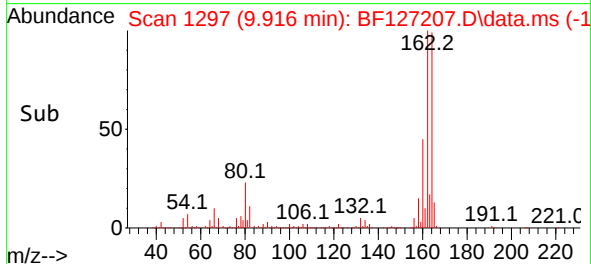
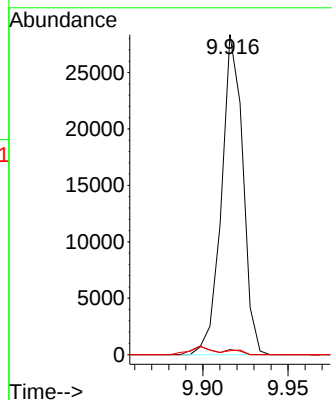
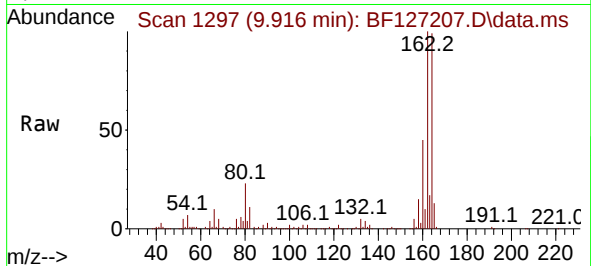




#51
2,6-Dinitrotoluene
Concen: 8.847 ng
RT: 9.916 min Scan# 1270
Delta R.T. 0.206 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

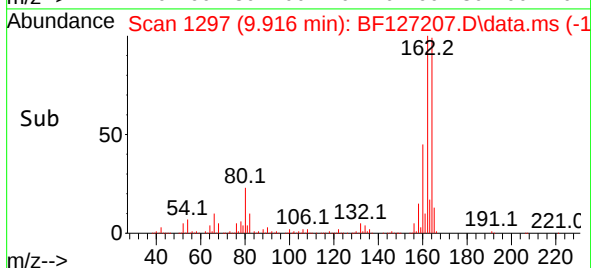
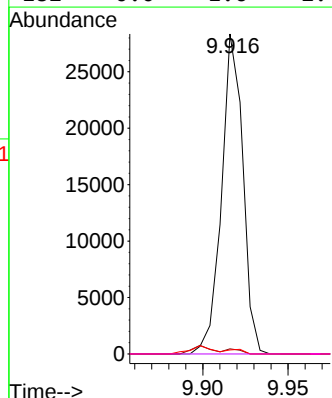
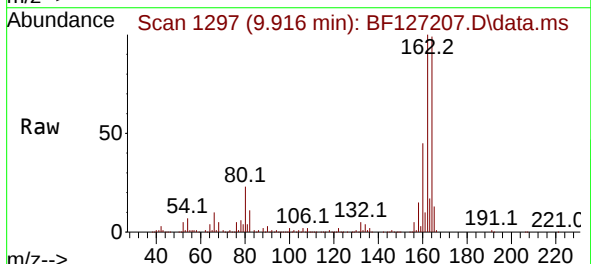
Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:165 Resp: 24654
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.2 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.544 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.200 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

Tgt Ion:165 Resp: 24654
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#

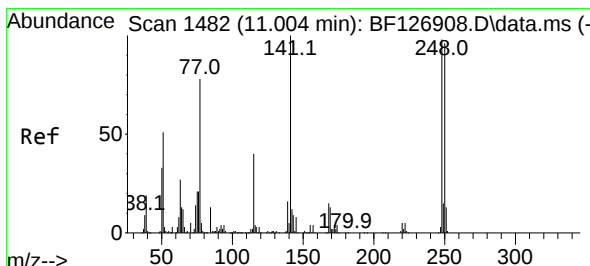
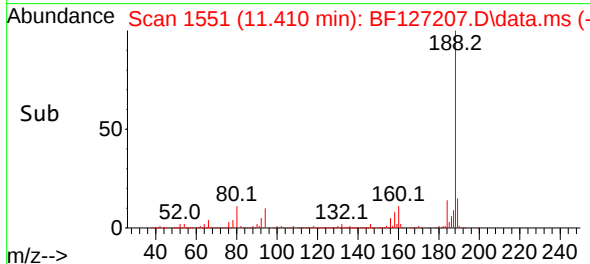
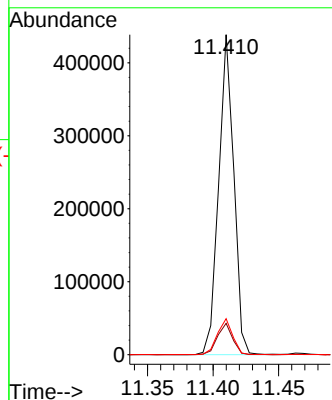
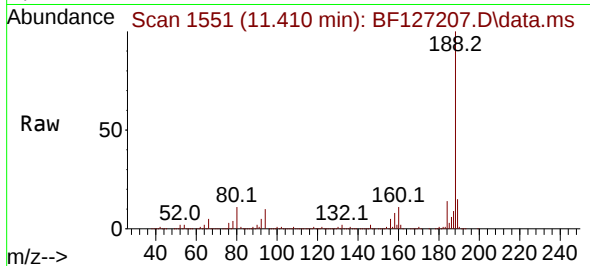




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

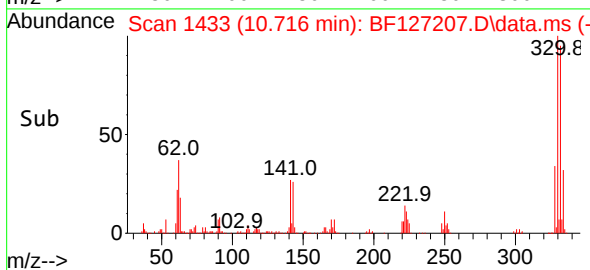
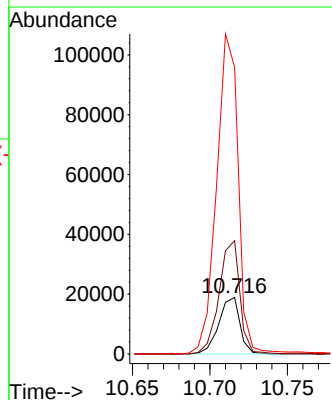
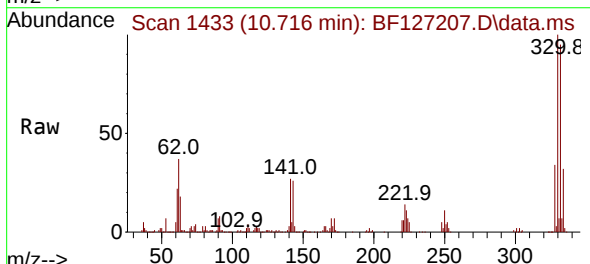
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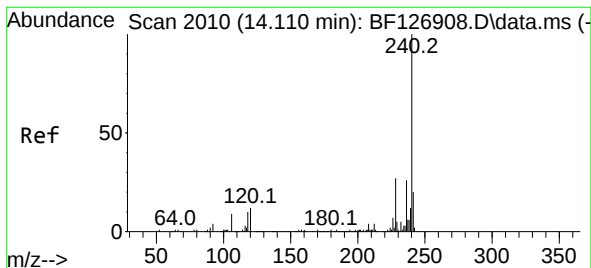
Tgt Ion:188 Resp: 351180
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 11.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.570 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF127207.D
Acq: 04 Mar 2022 18:14

Tgt Ion:248 Resp: 17933
Ion Ratio Lower Upper
248 100
250 200.7 76.2 114.4#
141 507.8 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF127207.D

Acq: 04 Mar 2022 18:14

Instrument :

BNA_F

ClientSampleId :

SB-7

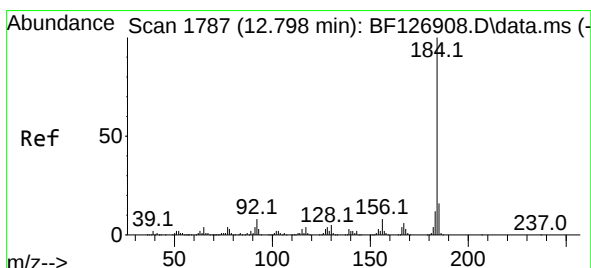
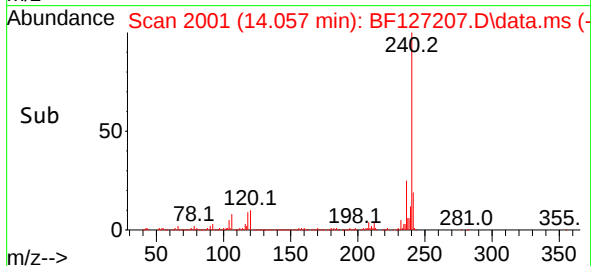
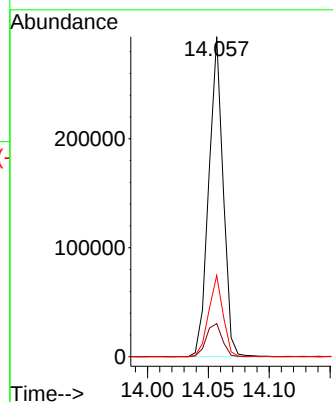
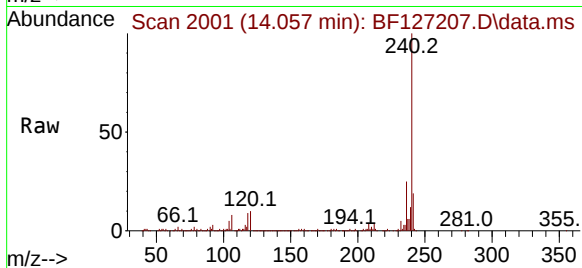
Tgt Ion:240 Resp: 240569

Ion Ratio Lower Upper

240 100

120 10.4 14.4 21.6#

236 25.4 20.5 30.7



#77

Benzidine

Concen: 2.672 ng

RT: 12.998 min Scan# 1821

Delta R.T. 0.247 min

Lab File: BF127207.D

Acq: 04 Mar 2022 18:14

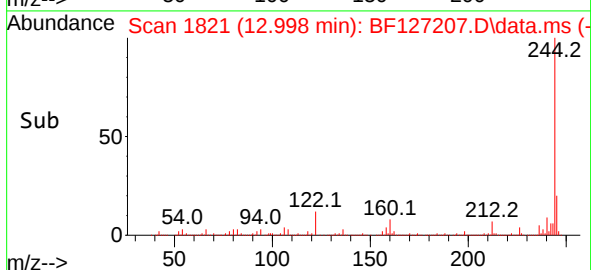
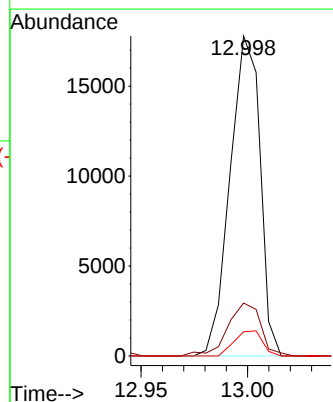
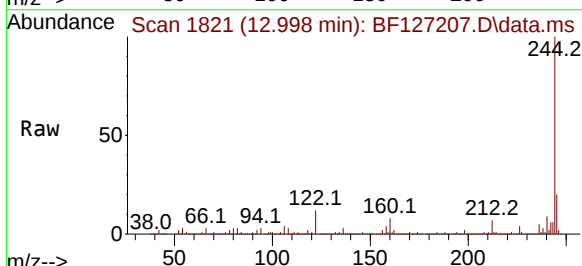
Tgt Ion:184 Resp: 17467

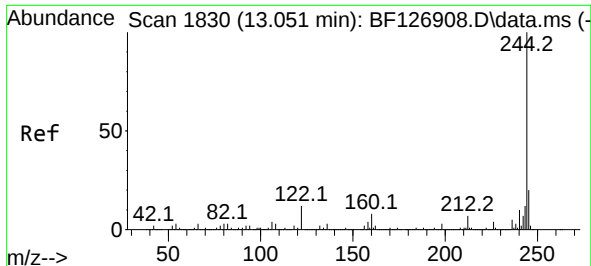
Ion Ratio Lower Upper

184 100

185 16.6 11.8 17.8

183 7.6 8.2 12.2#

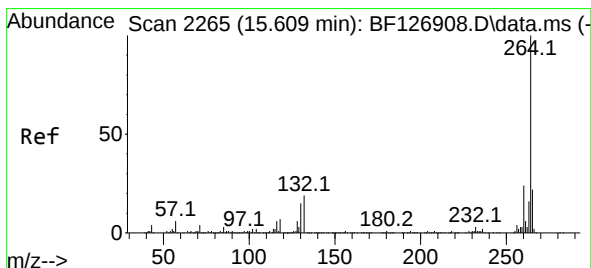
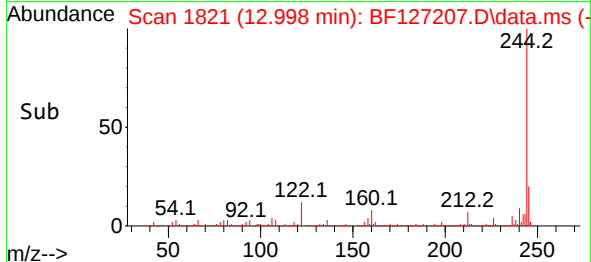
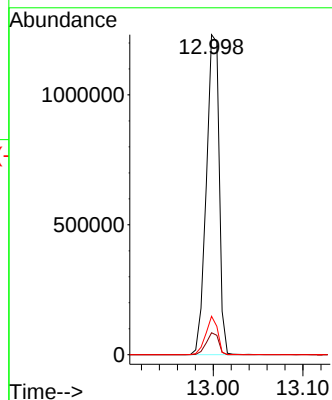
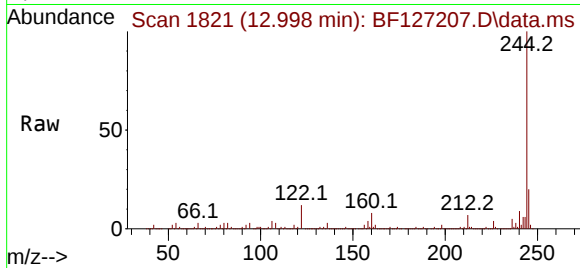




#79
 Terphenyl-d14
 Concen: 74.748 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127207.D
 Acq: 04 Mar 2022 18:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Tgt Ion:244 Resp: 1223234
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 12.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. 0.000 min
 Lab File: BF127207.D
 Acq: 04 Mar 2022 18:14

Tgt Ion:264 Resp: 194216
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.2 17.4 26.2

