

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122578.D
 Acq On : 7 Dec 2020 18:26
 Operator : JU/CG
 Sample : L4960-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BES-13SR

Quant Time: Dec 08 00:23:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

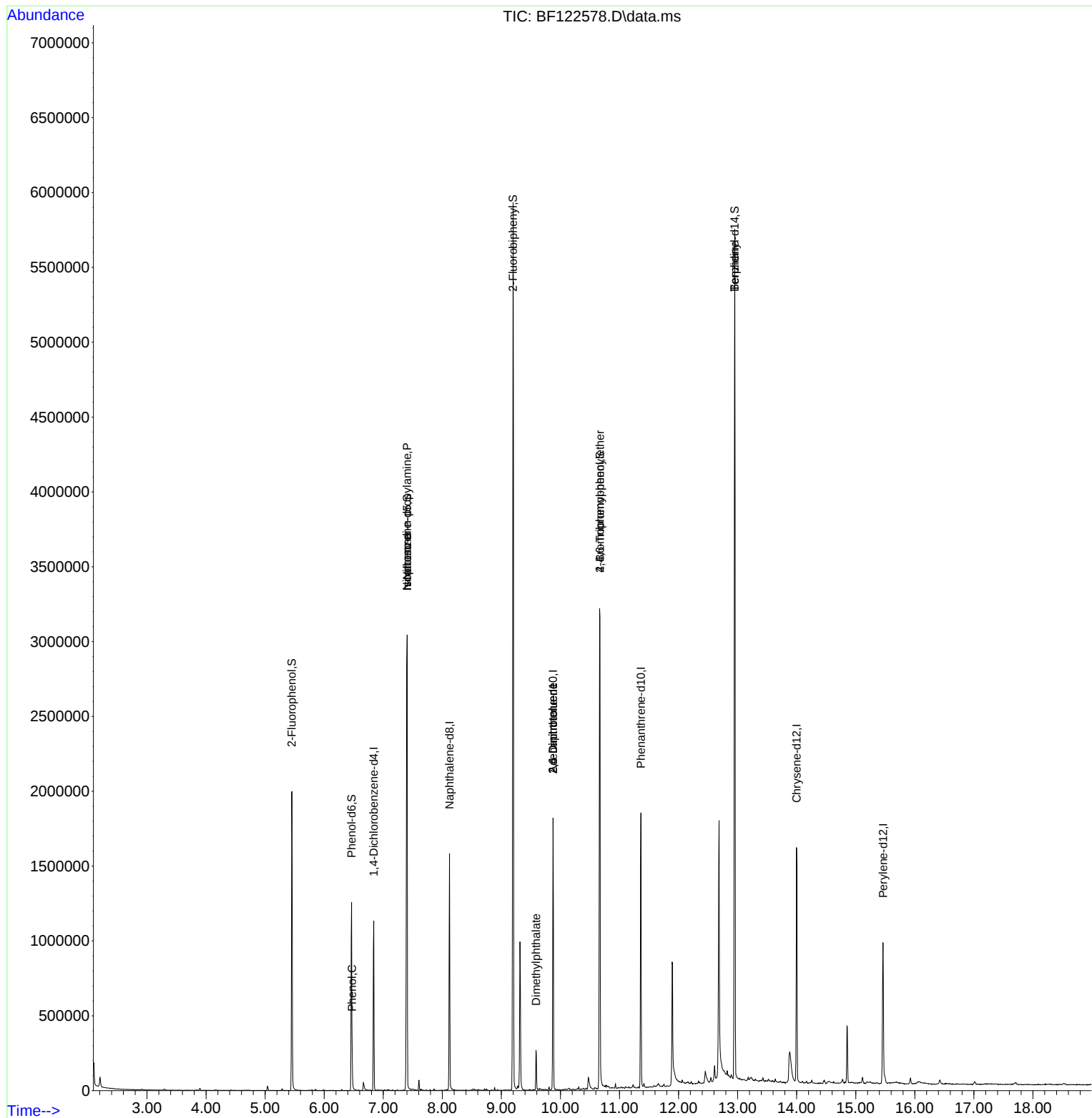
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	166226	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	650617	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	352383	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	663718	20.00	ng	0.00
76) Chrysene-d12	13.998	240	565844	20.00	ng	-0.01
86) Perylene-d12	15.462	264	437503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	550674	52.45	ng	0.00
7) Phenol-d6	6.463	99	409293	29.39	ng	-0.02
23) Nitrobenzene-d5	7.404	82	1089105	83.87	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	496398	107.62	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1954805	75.03	ng	0.00
79) Terphenyl-d14	12.951	244	1933298	59.81	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.475	94	46294	3.21	ng	89
19) n-Nitroso-di-n-propyla...	7.404	70	148335	18.60	ng	# 77
25) Isophorone	7.404	82	1078626	48.23	ng	# 65
50) Dimethylphthalate	9.586	163	111578	3.96	ng	99
51) 2,6-Dinitrotoluene	9.875	165	45269	7.62	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	45269	5.72	ng	# 25
67) 4-Bromophenyl-phenylether	10.669	248	30447	3.39	ng	# 1
77) Benzidine	12.951	184	25471	2.08	ng	# 91

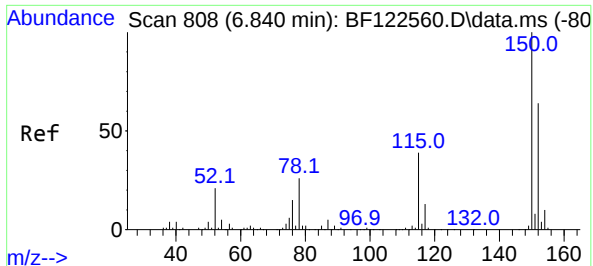
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122578.D
Acq On : 7 Dec 2020 18:26
Operator : JU/CG
Sample : L4960-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BES-13SR

Quant Time: Dec 08 00:23:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

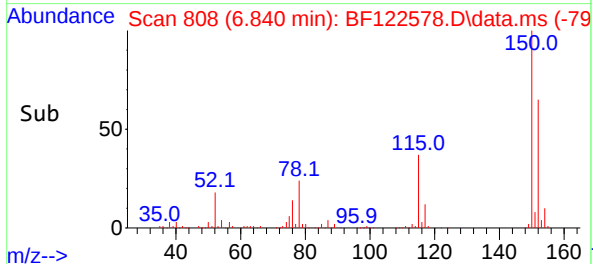
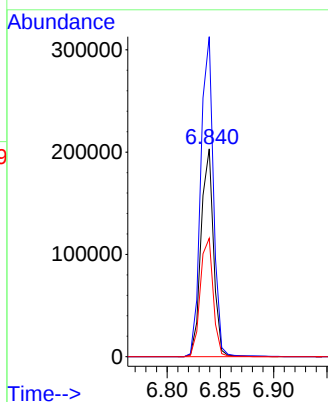
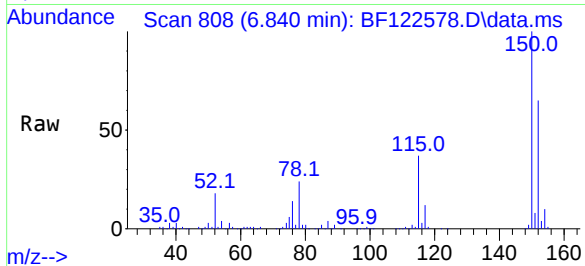




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

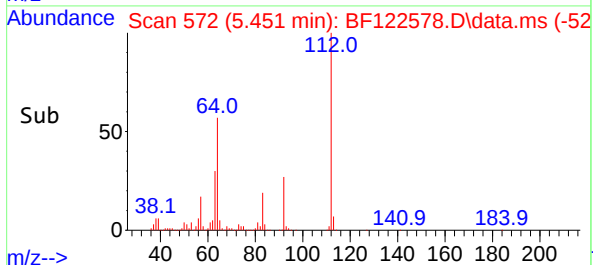
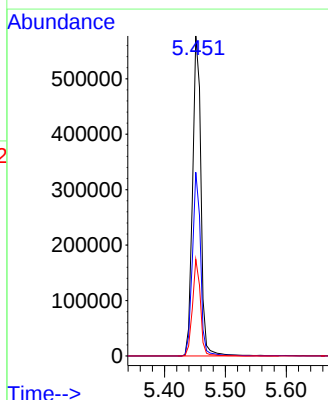
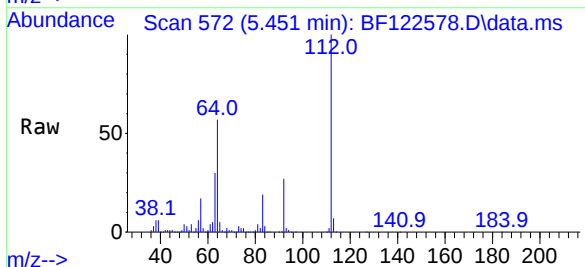
Instrument :
BNA_F
ClientSampleId :
BES-13SR

Tgt Ion:152 Resp: 166226
Ion Ratio Lower Upper
152 100
150 153.9 125.8 188.6
115 57.0 49.3 73.9



#5
2-Fluorophenol
Concen: 52.45 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

Tgt Ion:112 Resp: 550674
Ion Ratio Lower Upper
112 100
64 57.4 46.9 70.3
63 30.2 24.5 36.7

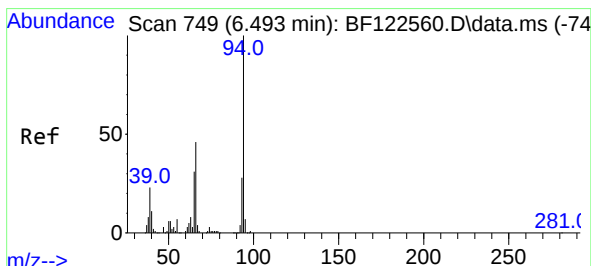
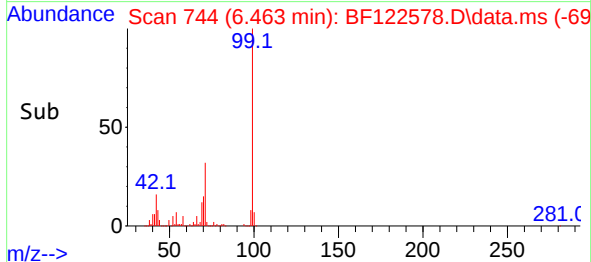
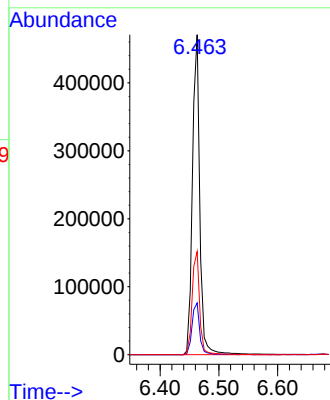
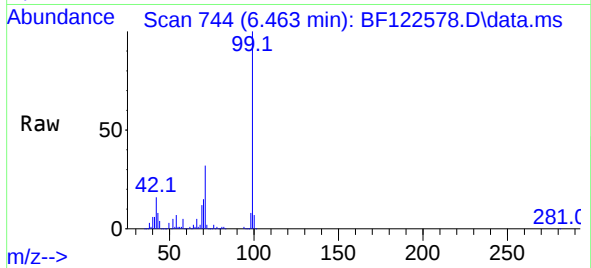




#7
Phenol-d6
Concen: 29.39 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

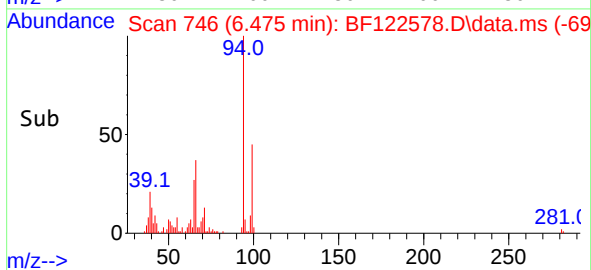
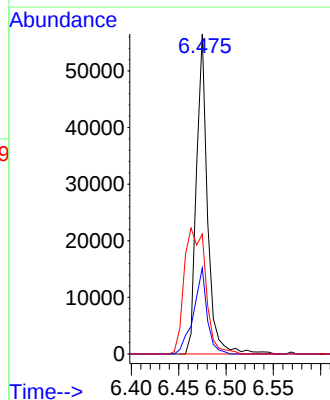
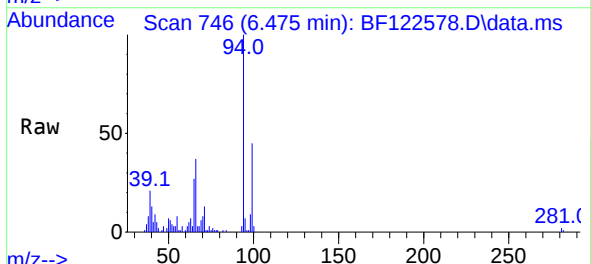
Instrument :
BNA_F
ClientSampleId :
BES-13SR

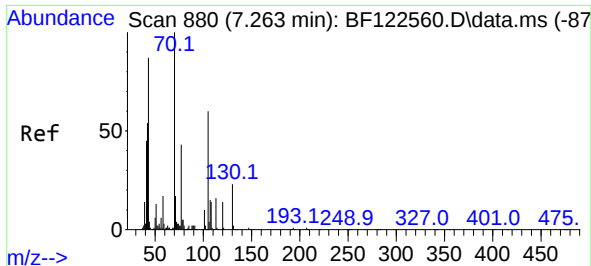
Tgt Ion: 99 Resp: 409293
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.6
71 32.2 26.9 40.3



#10
Phenol
Concen: 3.21 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

Tgt Ion: 94 Resp: 46294
Ion Ratio Lower Upper
94 100
65 26.8 11.2 51.2
66 37.4 25.8 65.8

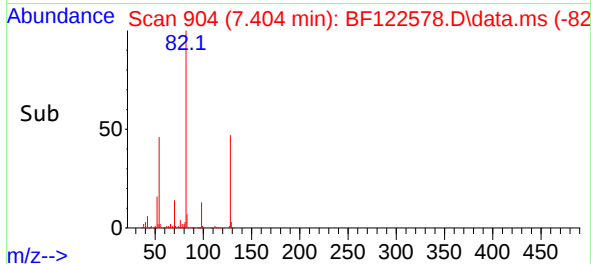
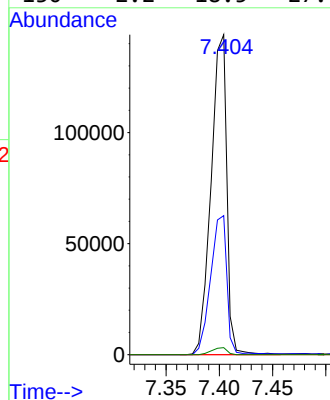
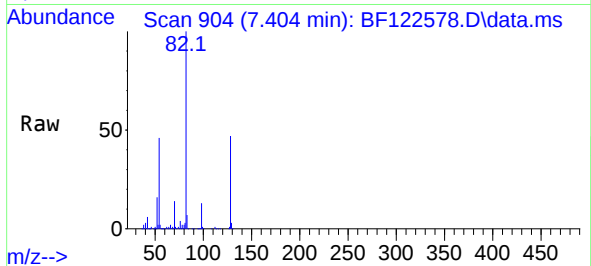




#19
n-Nitroso-di-n-propylamine
Concen: 18.60 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

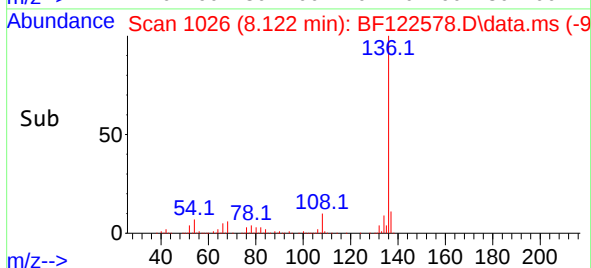
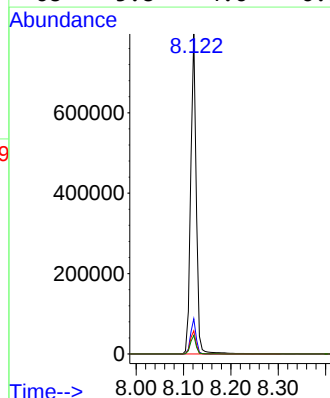
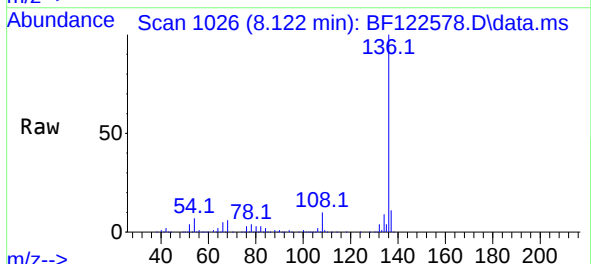
Instrument :
BNA_F
ClientSampleId :
BES-13SR

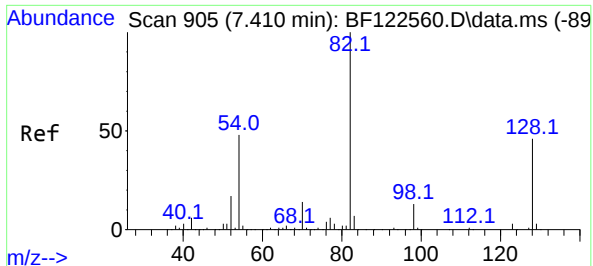
Tgt Ion: 70 Resp: 148335
Ion Ratio Lower Upper
70 100
42 43.5 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

Tgt Ion: 136 Resp: 650617
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 5.5 8.3
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 83.87 ng

RT: 7.404 min Scan# 904

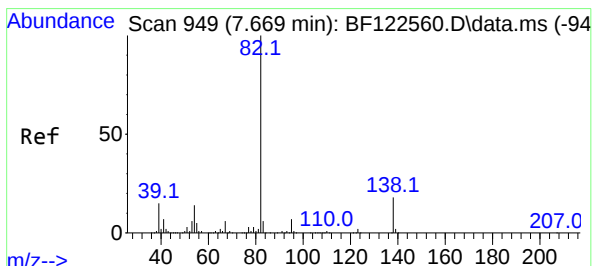
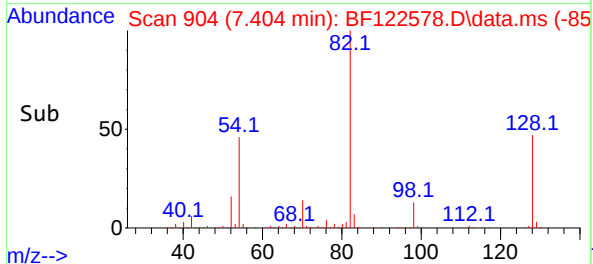
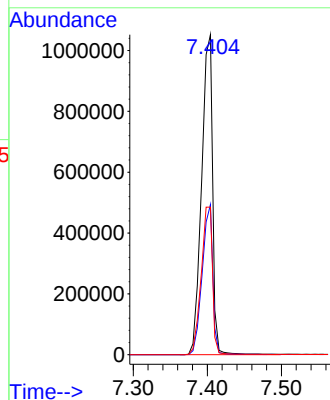
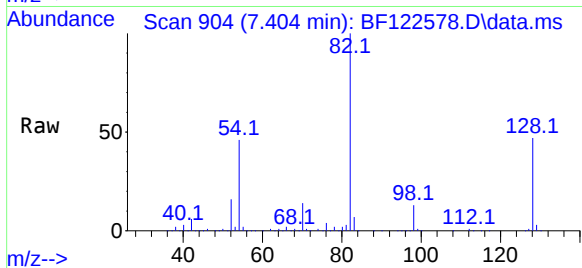
Delta R.T. -0.006 min

Lab File: BF122578.D

Acq: 7 Dec 2020 18:26

Tgt Ion: 82 Resp: 1089105

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.0	55.4
54	46.1	38.4	57.6



#25

Isophorone

Concen: 48.23 ng

RT: 7.404 min Scan# 904

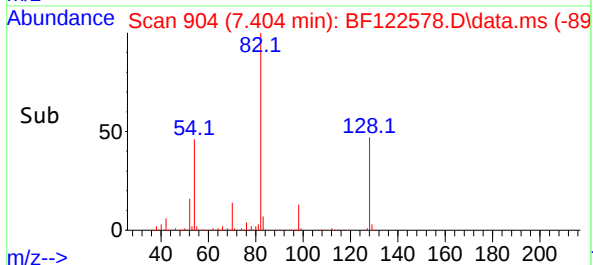
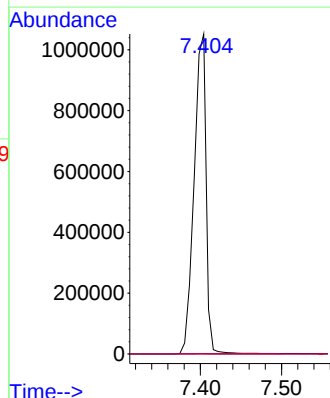
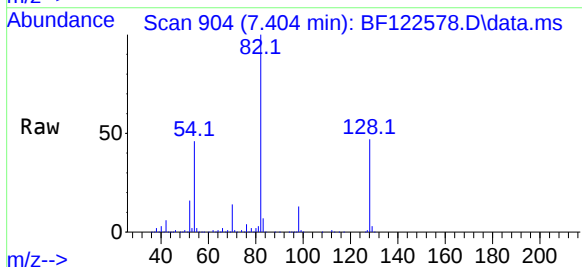
Delta R.T. -0.265 min

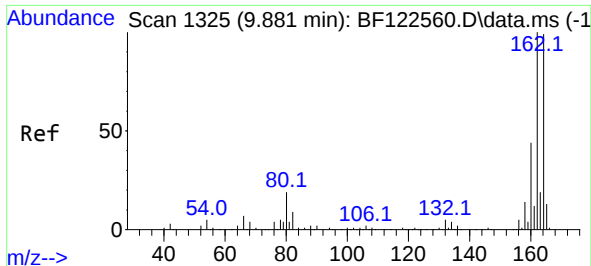
Lab File: BF122578.D

Acq: 7 Dec 2020 18:26

Tgt Ion: 82 Resp: 1078626

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF122578.D

Acq: 7 Dec 2020 18:26

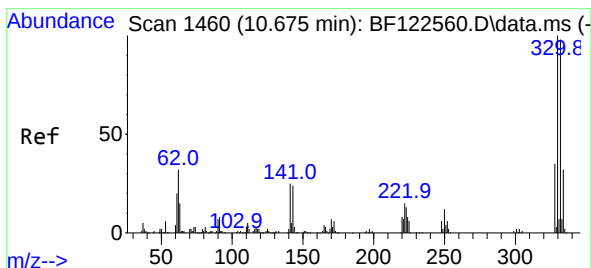
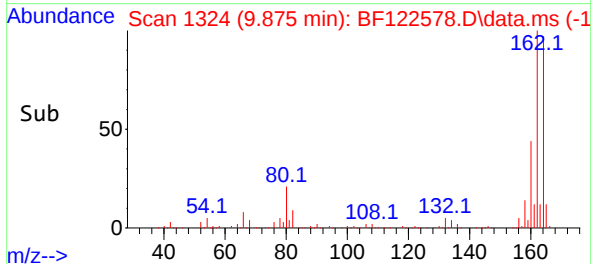
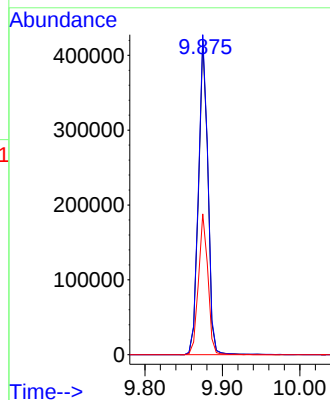
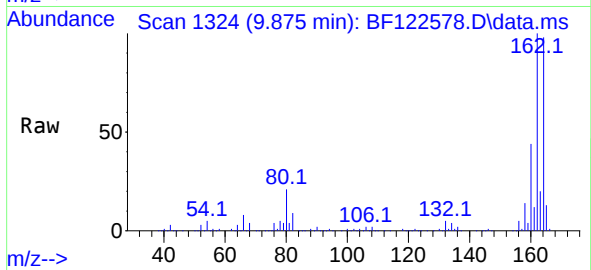
Tgt Ion:164 Resp: 352383

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

160 44.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 107.62 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF122578.D

Acq: 7 Dec 2020 18:26

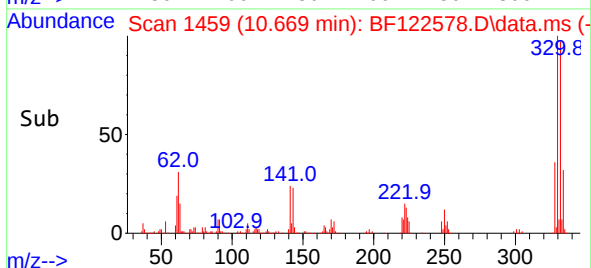
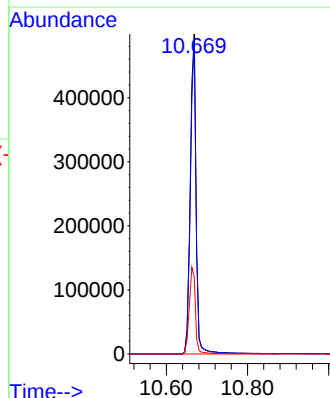
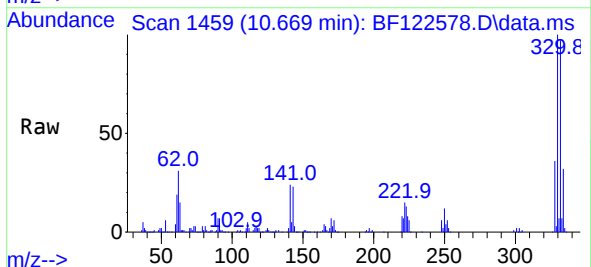
Tgt Ion:330 Resp: 496398

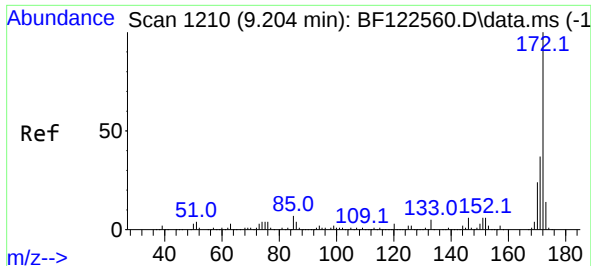
Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 28.6 23.8 35.8

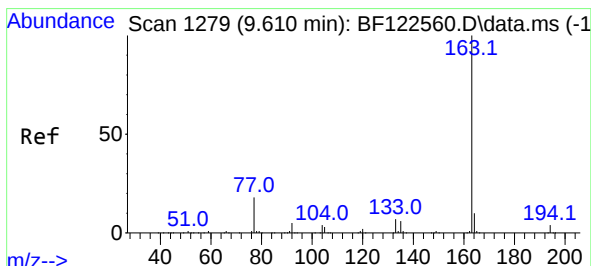
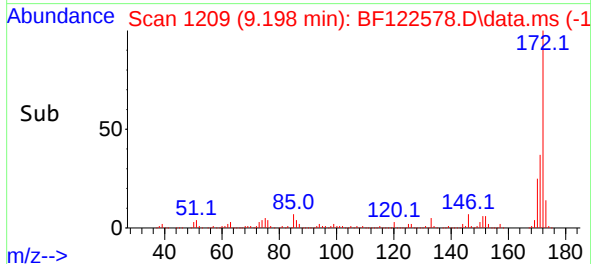
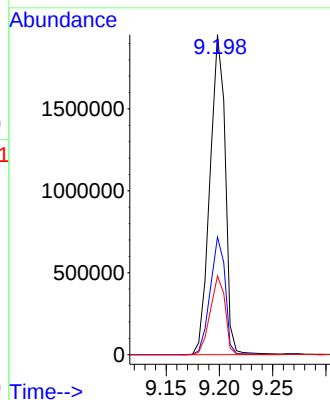
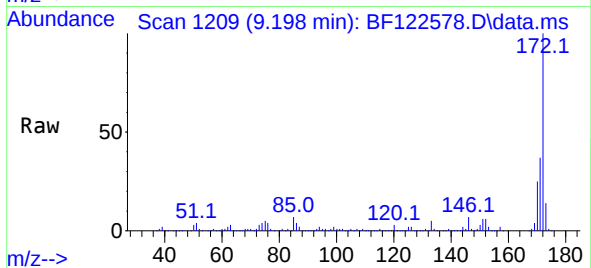




#45
2-Fluorobiphenyl
Concen: 75.03 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

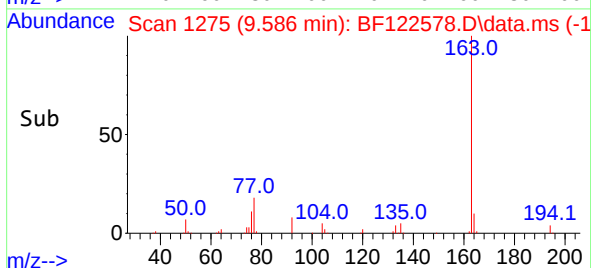
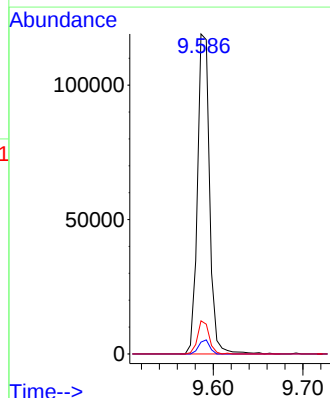
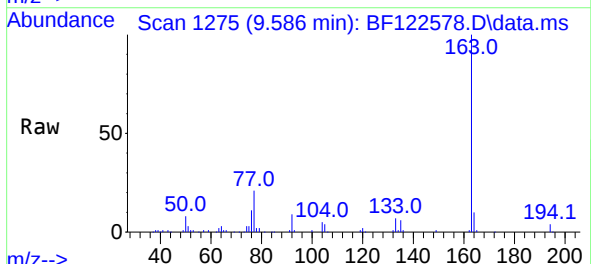
Instrument :
BNA_F
ClientSampleId :
BES-13SR

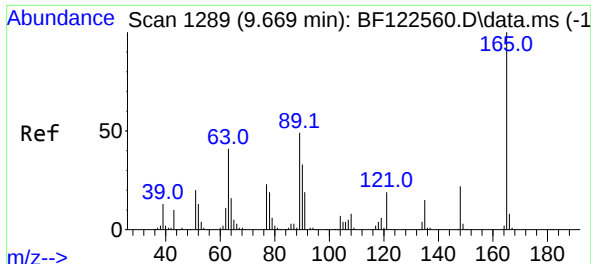
Tgt Ion:172 Resp: 1954805
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.6 19.5 29.3



#50
Dimethylphthalate
Concen: 3.96 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

Tgt Ion:163 Resp: 111578
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.4 8.1 12.1

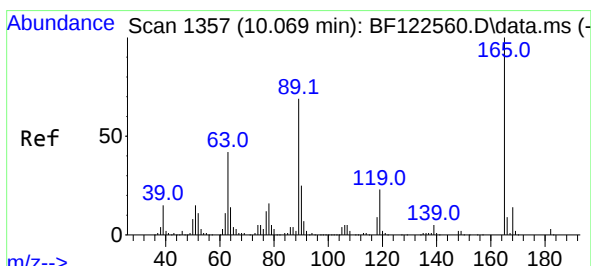
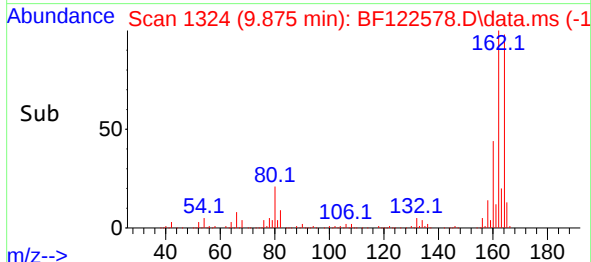
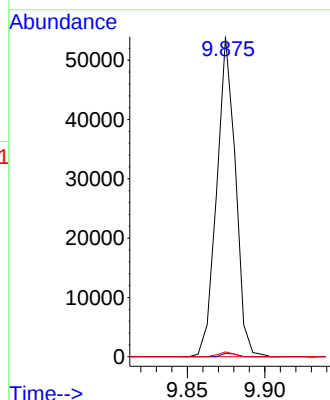
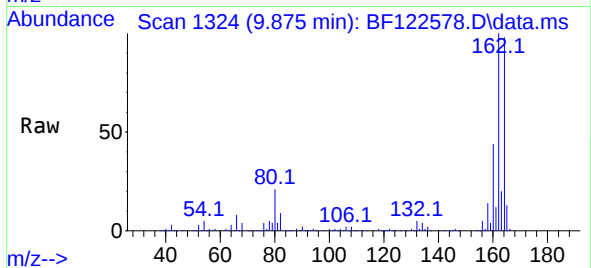




#51
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

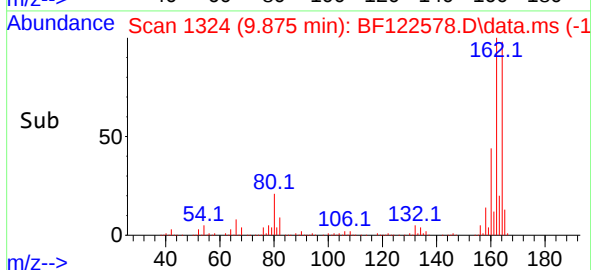
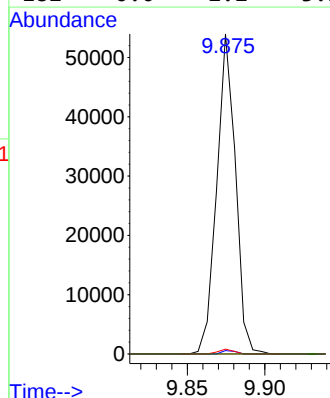
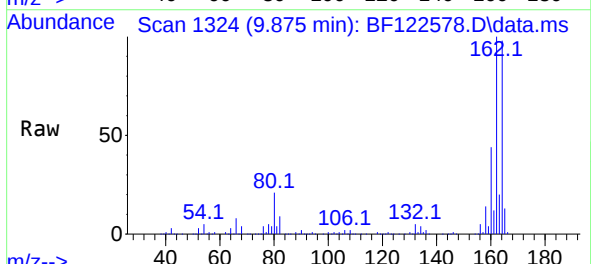
Instrument :
BNA_F
ClientSampleId :
BES-13SR

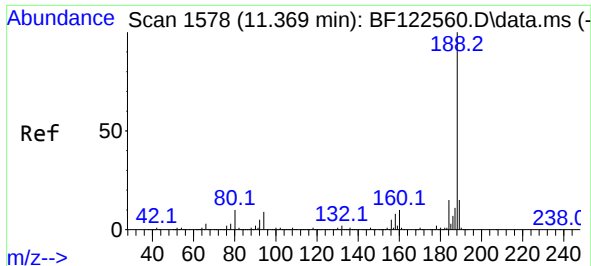
Tgt Ion:165 Resp: 45269
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

Tgt Ion:165 Resp: 45269
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

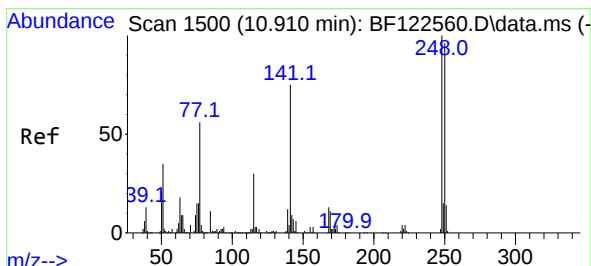
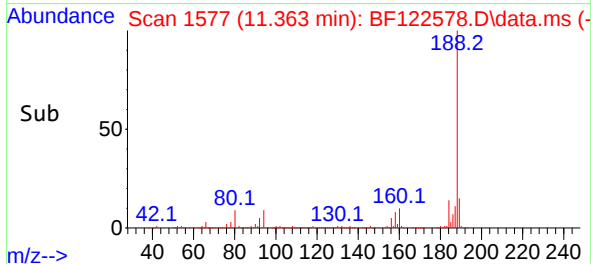
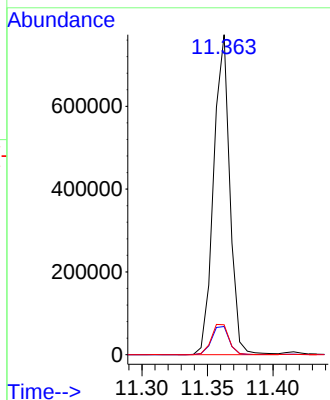
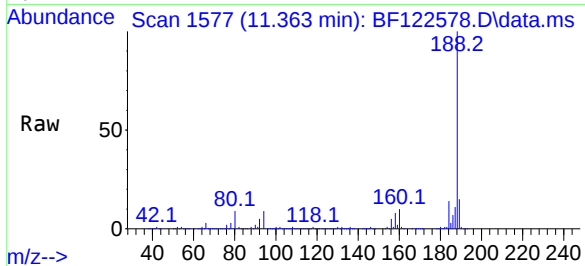




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

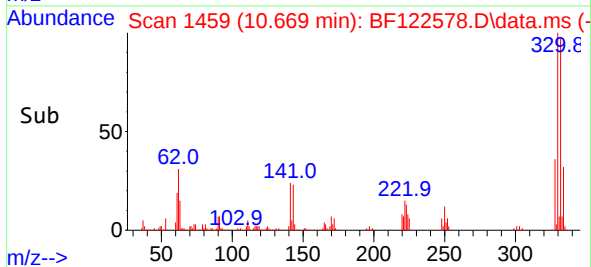
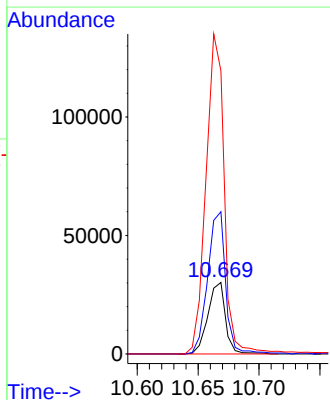
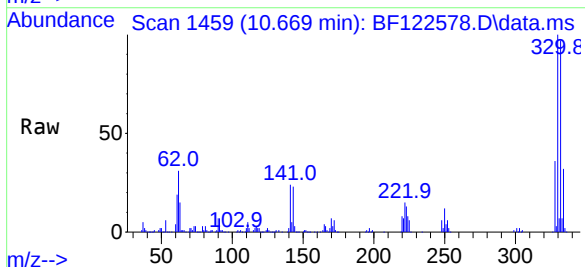
Instrument :
BNA_F
ClientSampleId :
BES-13SR

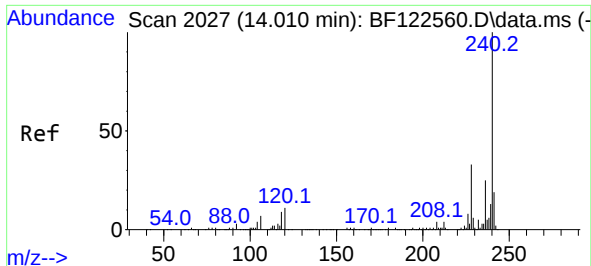
Tgt Ion:188 Resp: 663718
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.39 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

Tgt Ion:248 Resp: 30447
Ion Ratio Lower Upper
248 100
250 198.7 76.8 115.2#
141 395.5 59.8 89.8#

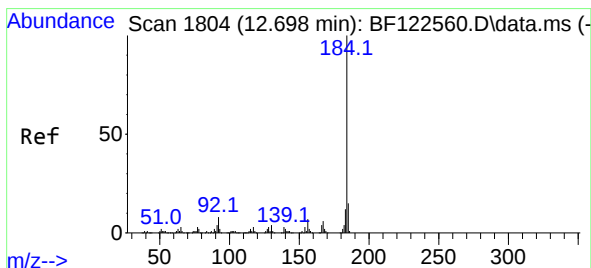
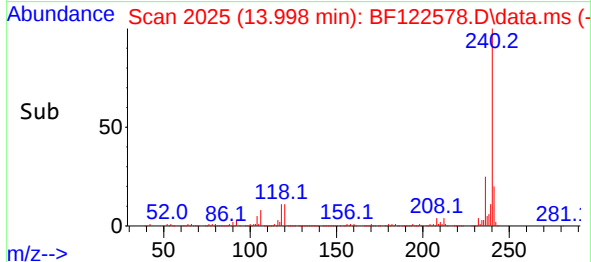
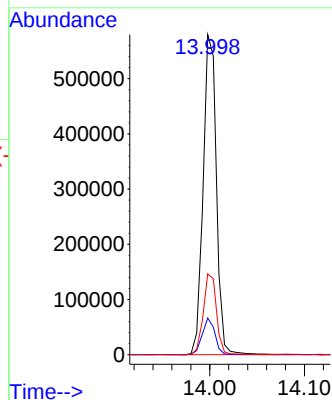
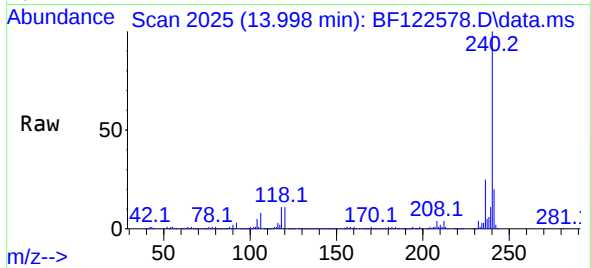




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

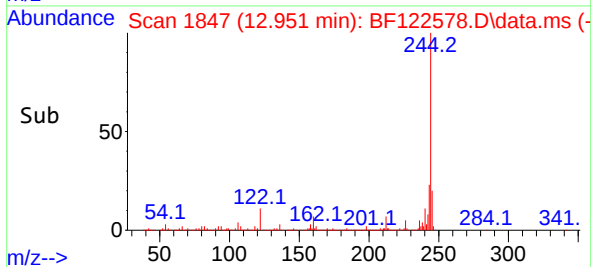
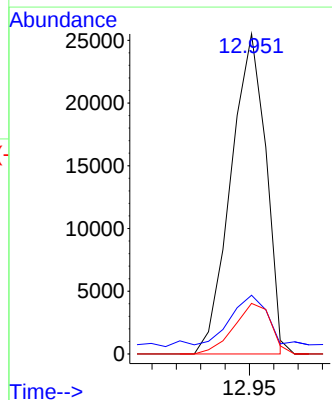
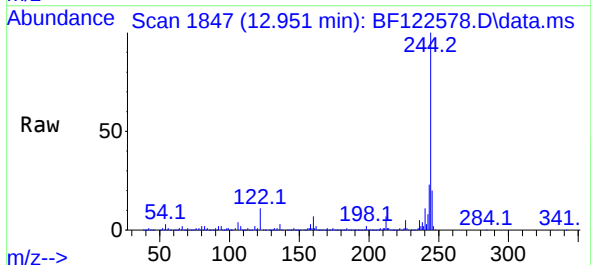
Instrument :
BNA_F
ClientSampleId :
BES-13SR

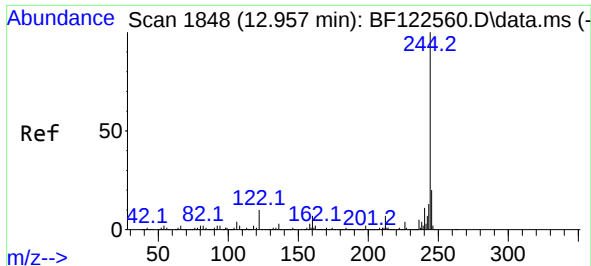
Tgt Ion:240 Resp: 565844
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.2 20.3 30.5



#77
Benzidine
Concen: 2.08 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122578.D
Acq: 7 Dec 2020 18:26

Tgt Ion:184 Resp: 25471
Ion Ratio Lower Upper
184 100
185 18.3 11.8 17.6#
183 15.8 9.7 14.5#

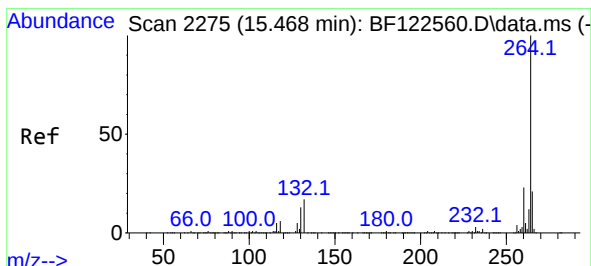
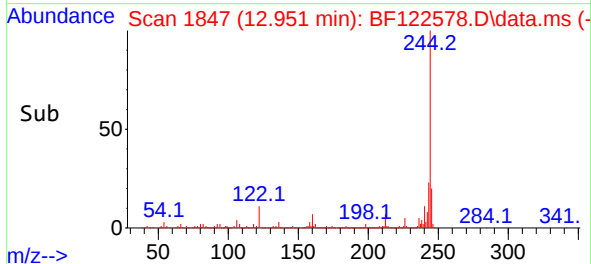
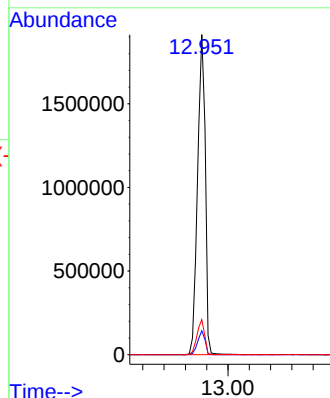
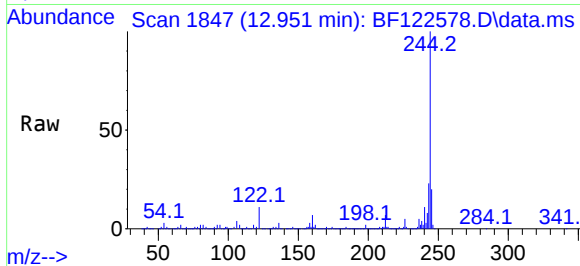




#79
 Terphenyl-d14
 Concen: 59.81 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122578.D
 Acq: 7 Dec 2020 18:26

Instrument :
 BNA_F
 ClientSampleId :
 BES-13SR

Tgt Ion:244 Resp: 1933298
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 11.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF122578.D
 Acq: 7 Dec 2020 18:26

Tgt Ion:264 Resp: 437503
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 22.0 17.0 25.6

