

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125140.D
 Acq On : 20 Aug 2021 18:03
 Operator : JU/CG
 Sample : M3449-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Aug 20 18:33:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

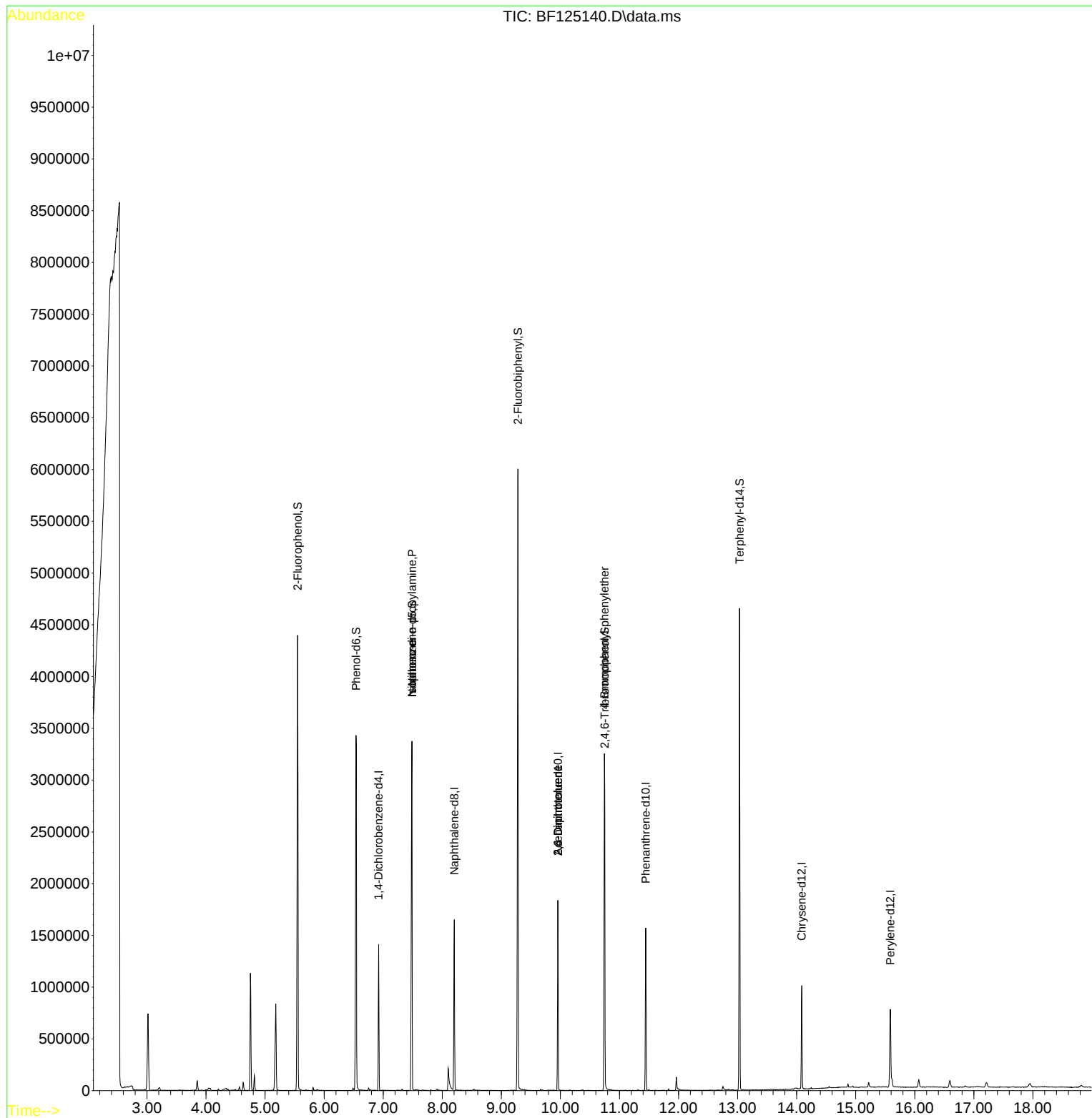
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	177764	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	675259	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	336267	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	526345	20.000	ng	0.00
76) Chrysene-d12	14.086	240	349856	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	366709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1171402	99.741	ng	0.02
7) Phenol-d6	6.540	99	1271764	83.728	ng	0.00
23) Nitrobenzene-d5	7.487	82	1124852	83.863	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	428842	127.757	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1848201	76.603	ng	0.00
79) Terphenyl-d14	13.033	244	1552528	70.695	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	156679	17.149	ng	# 58
25) Isophorone	7.487	82	1120320	43.297	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	45223	8.950	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	45223	7.395	ng	# 19
67) 4-Bromophenyl-phenylether	10.745	248	27094	4.287	ng	# 1

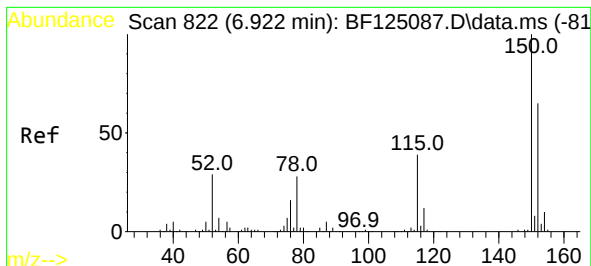
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125140.D
Acq On : 20 Aug 2021 18:03
Operator : JU/CG
Sample : M3449-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2

Quant Time: Aug 20 18:33:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

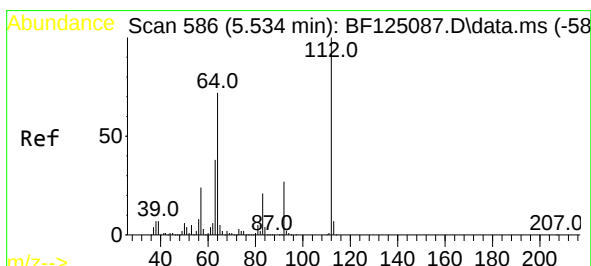
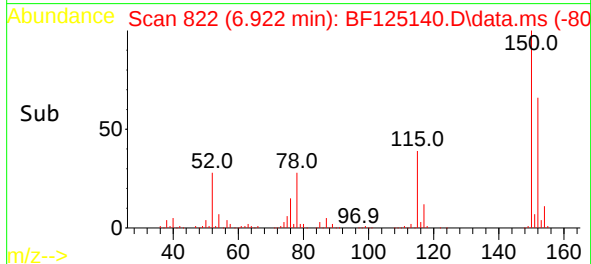
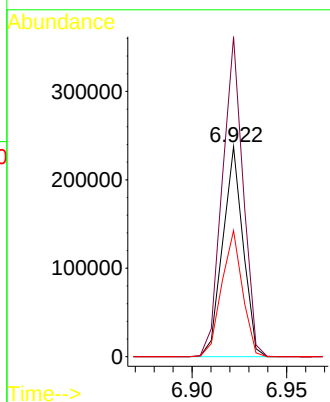
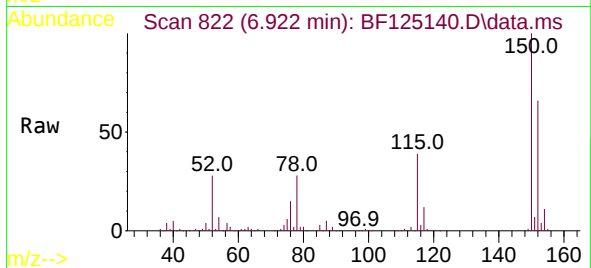




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

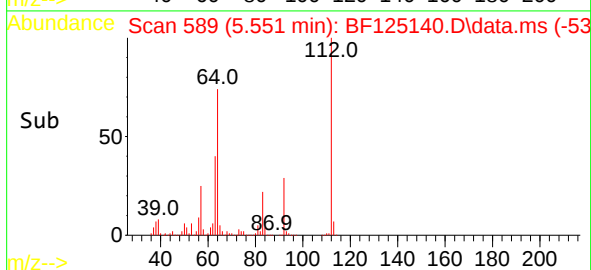
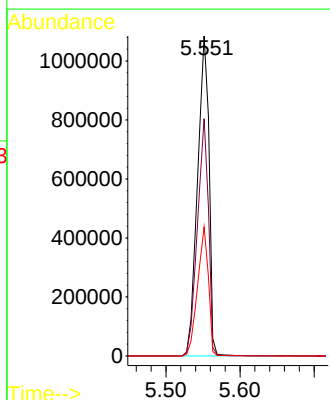
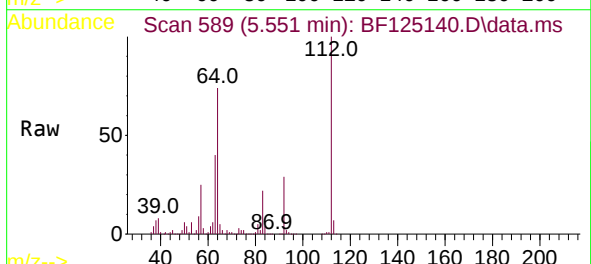
Instrument :
BNA_F
ClientSampleId :
TP2

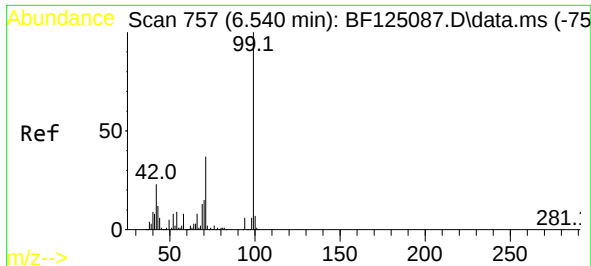
Tgt Ion:152 Resp: 177764
Ion Ratio Lower Upper
152 100
150 152.3 117.6 176.4
115 60.0 47.1 70.7



#5
2-Fluorophenol
Concen: 99.741 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.018 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

Tgt Ion:112 Resp: 1171402
Ion Ratio Lower Upper
112 100
64 74.1 44.2 66.2#
63 40.3 26.2 39.2#

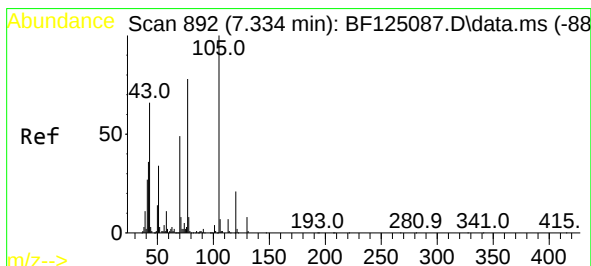
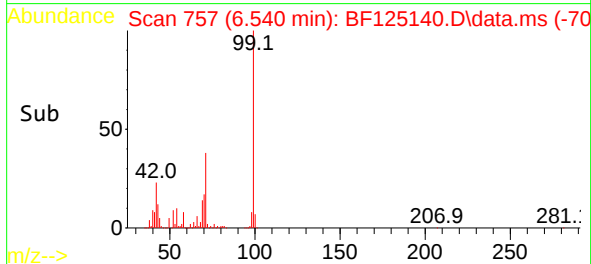
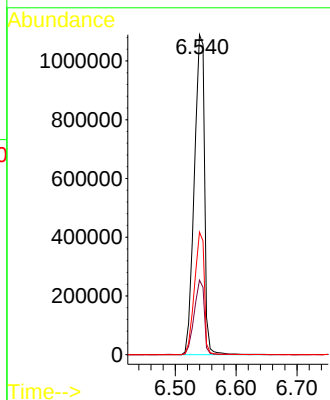
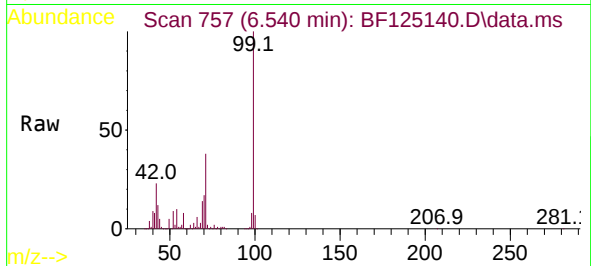




#7
Phenol-d6
Concen: 83.728 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

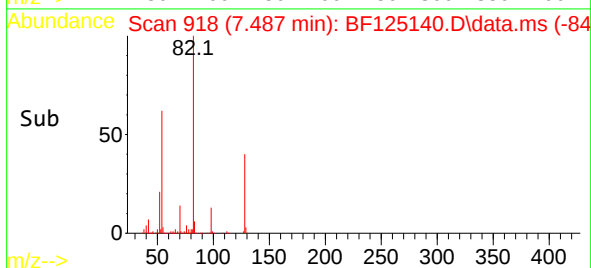
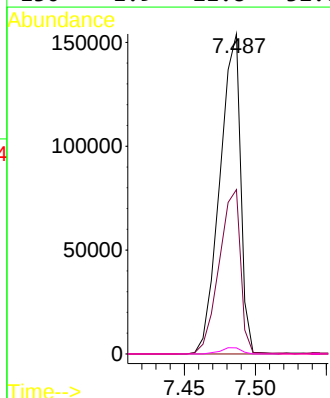
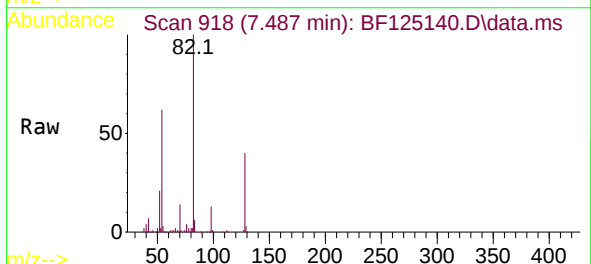
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion: 99 Resp: 1271764
Ion Ratio Lower Upper
99 100
42 23.3 23.5 35.3#
71 38.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.149 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.153 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

Tgt Ion: 70 Resp: 156679
Ion Ratio Lower Upper
70 100
42 51.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

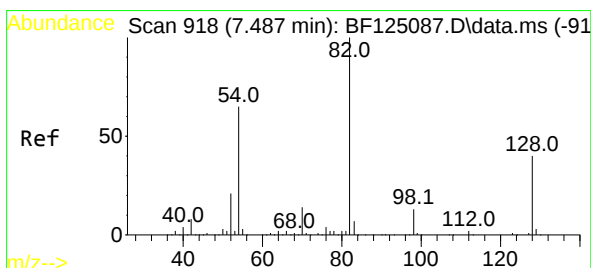
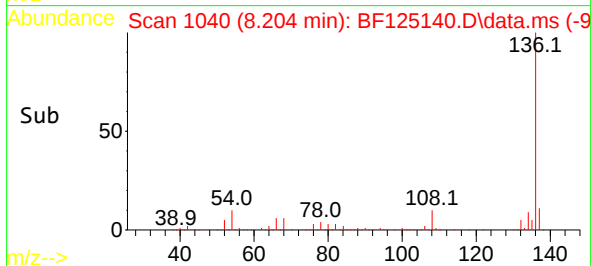
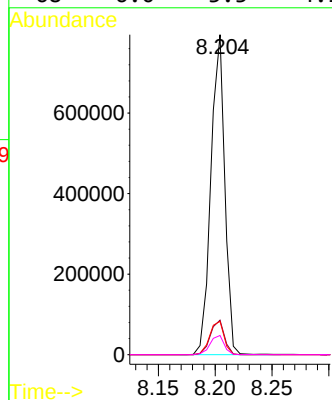
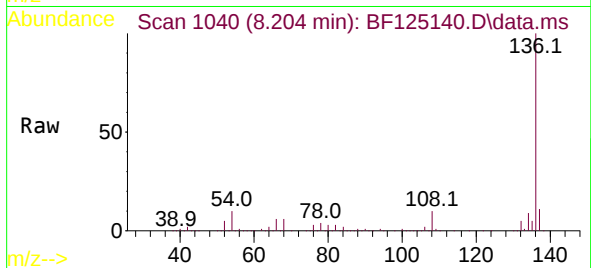




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

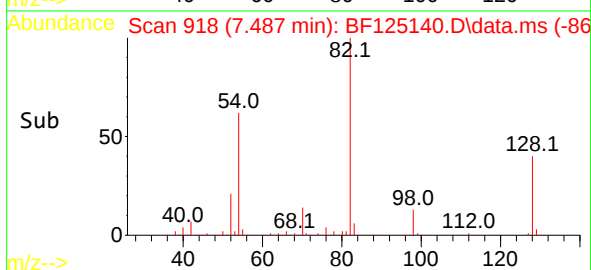
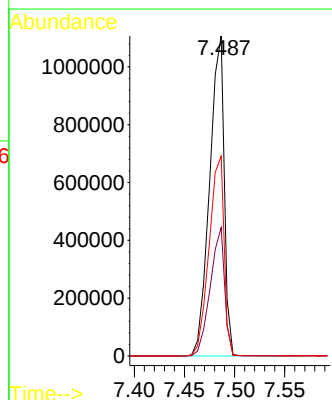
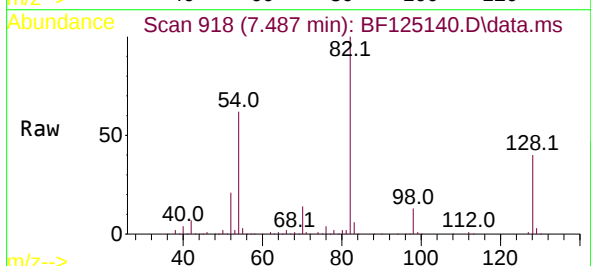
Instrument :
BNA_F
ClientSampled :
TP2

Tgt Ion:136 Resp: 675259
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.4 6.4 9.6#
68 6.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 83.863 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

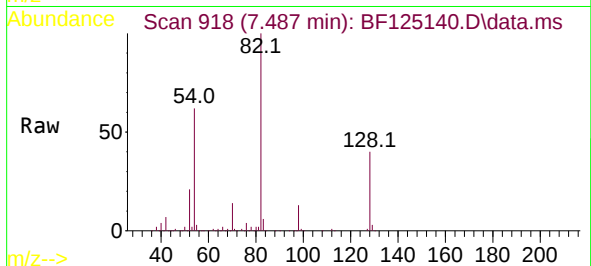
Tgt Ion: 82 Resp: 1124852
Ion Ratio Lower Upper
82 100
128 40.2 40.6 60.8#
54 62.4 49.6 74.4



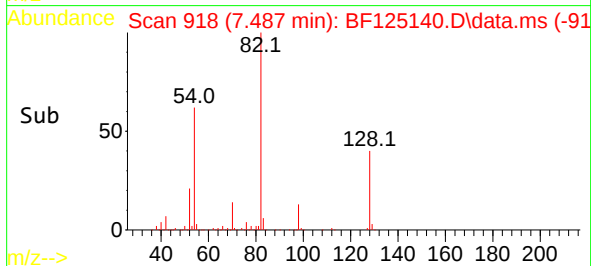
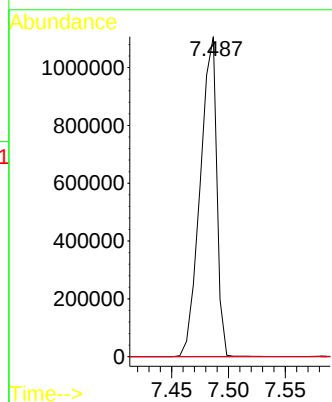


#25
Isophorone
Concen: 43.297 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.259 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

Instrument :
BNA_F
ClientSampleId :
TP2

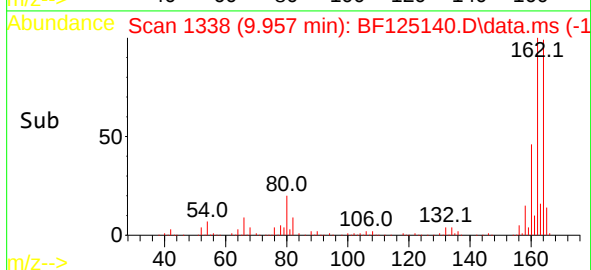
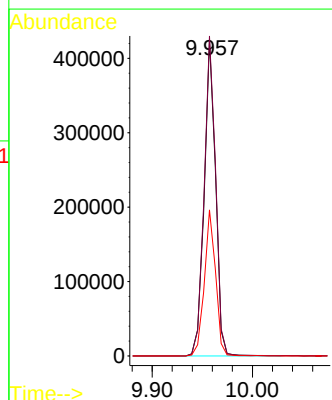
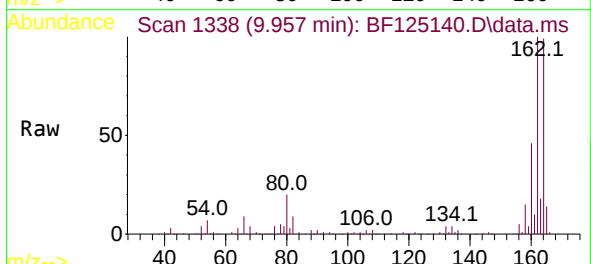


Tgt Ion: 82 Resp: 1120320
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

Tgt Ion: 164 Resp: 336267
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 46.2 38.0 57.0

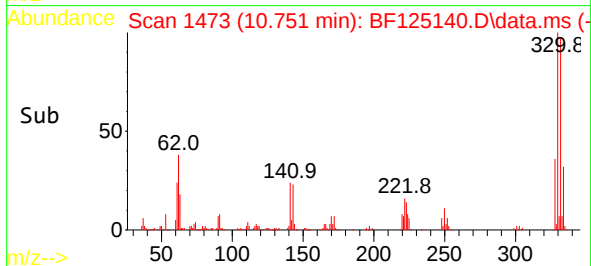
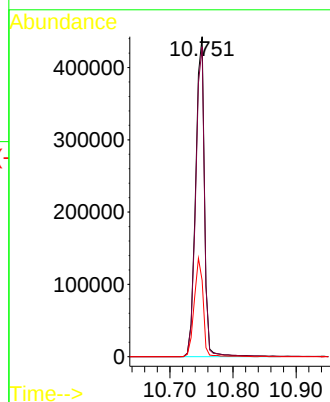
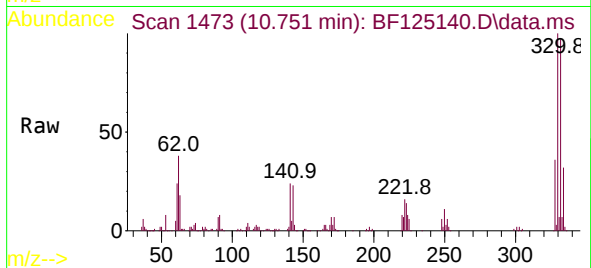




#42
2,4,6-Tribromophenol
Concen: 127.757 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

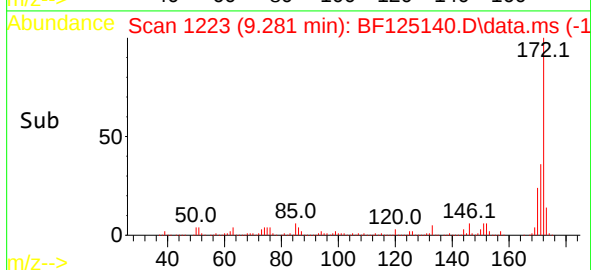
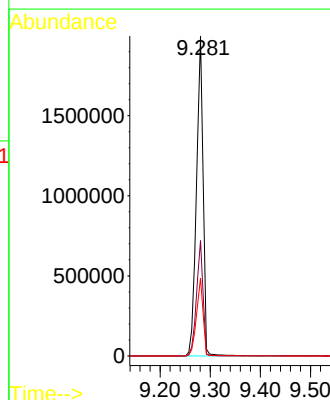
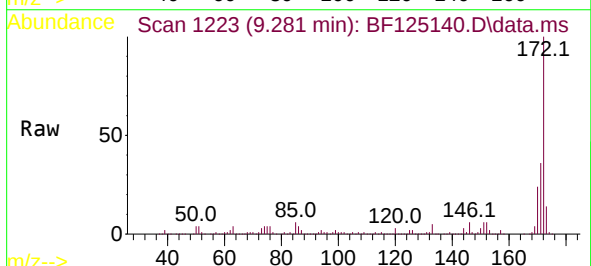
Instrument :
BNA_F
ClientSampleId :
TP2

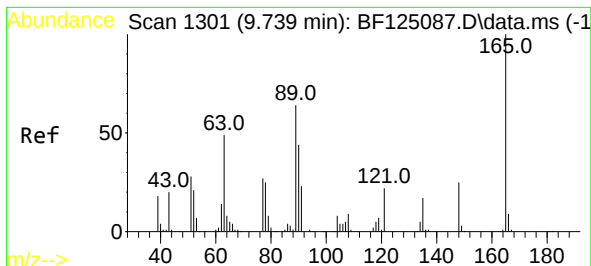
Tgt Ion:330 Resp: 428842
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 76.603 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

Tgt Ion:172 Resp: 1848201
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 24.3 18.8 28.2

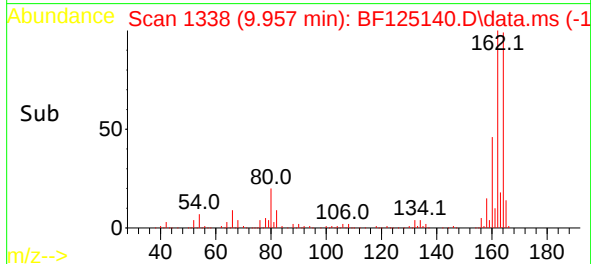
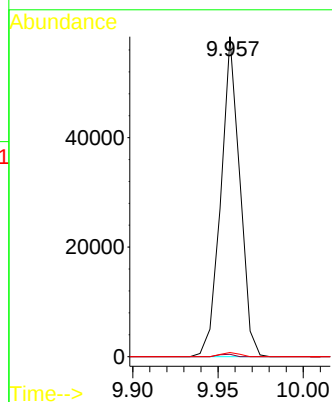
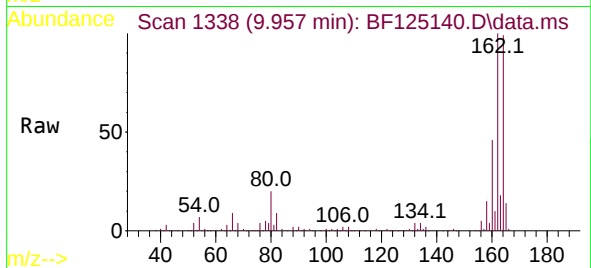




#51
2,6-Dinitrotoluene
Concen: 8.950 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

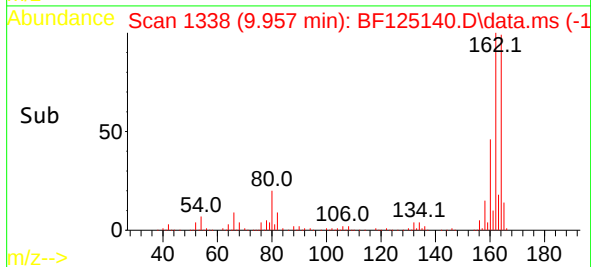
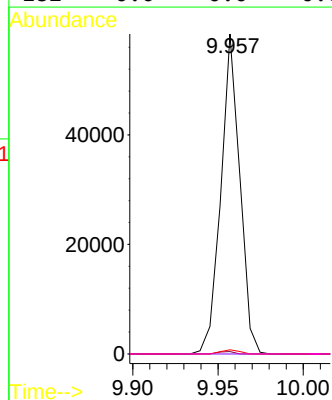
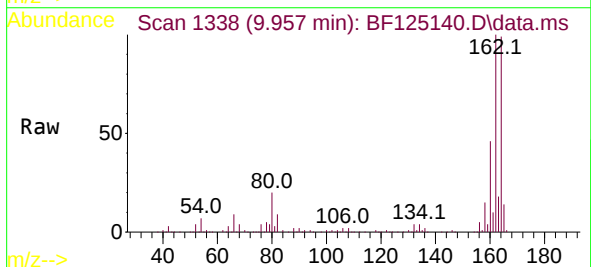
Instrument :
BNA_F
ClientSampled :
TP2

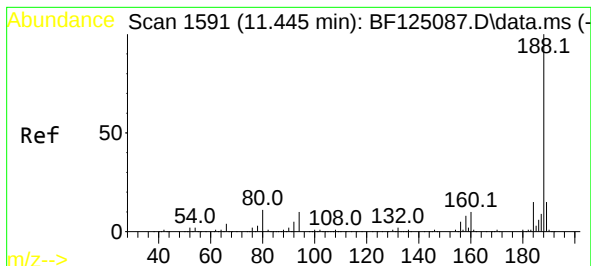
Tgt Ion:165 Resp: 45223
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.395 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

Tgt Ion:165 Resp: 45223
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

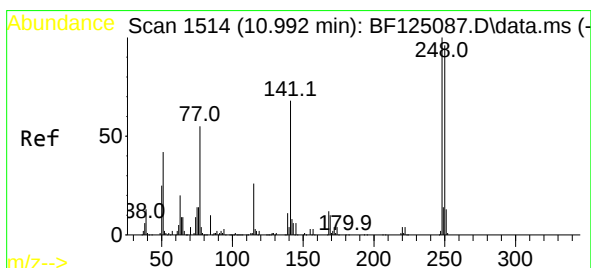
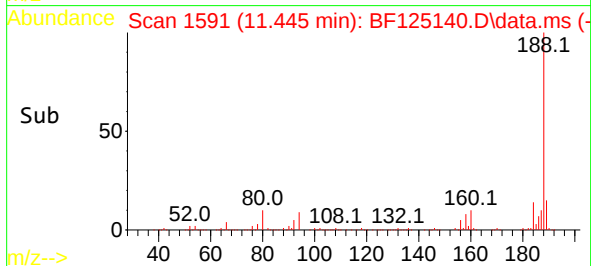
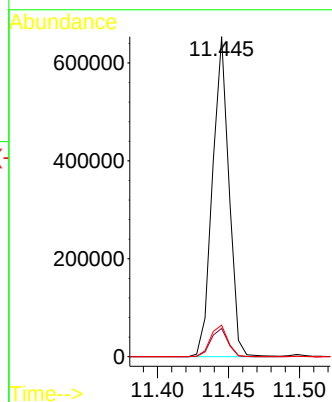
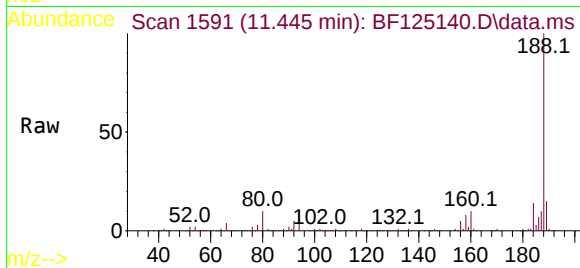




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

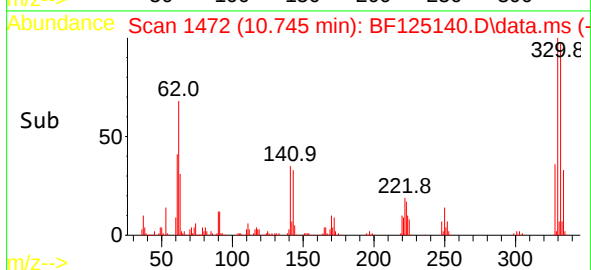
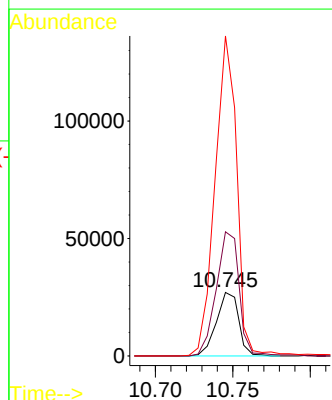
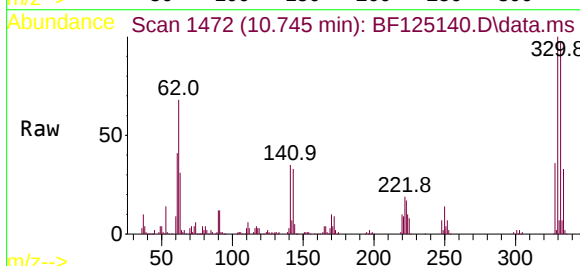
Instrument :
BNA_F
ClientSampleId :
TP2

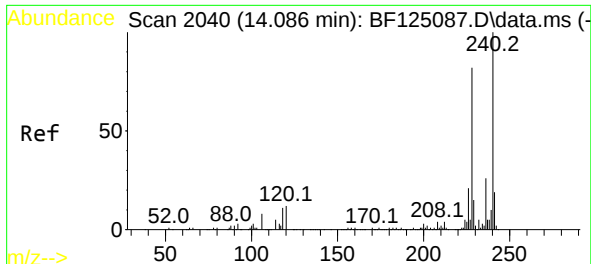
Tgt Ion:188 Resp: 526345
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.287 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

Tgt Ion:248 Resp: 27094
Ion Ratio Lower Upper
248 100
250 195.3 74.2 111.4#
141 503.5 60.4 90.6#

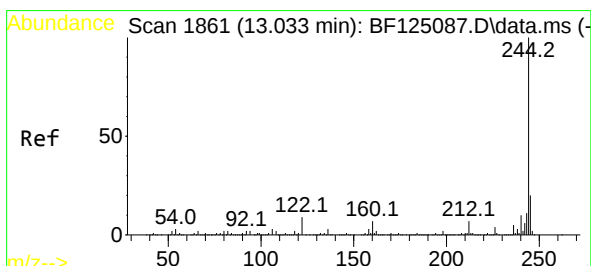
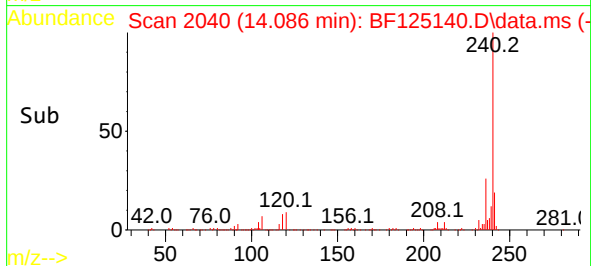
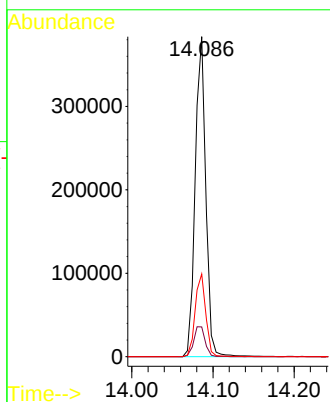
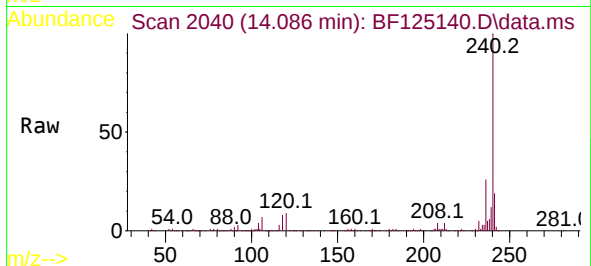




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

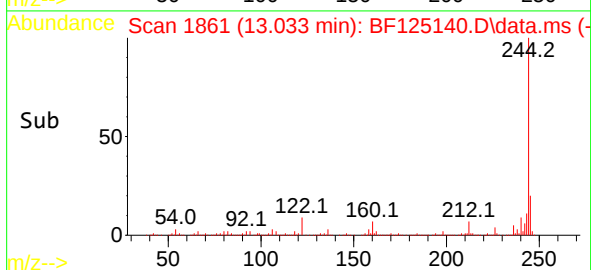
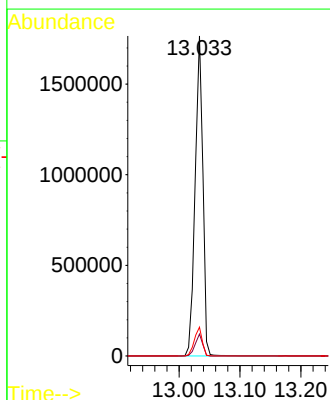
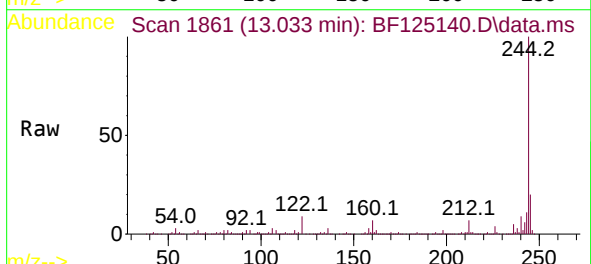
Instrument :
BNA_F
ClientSampleId :
TP2

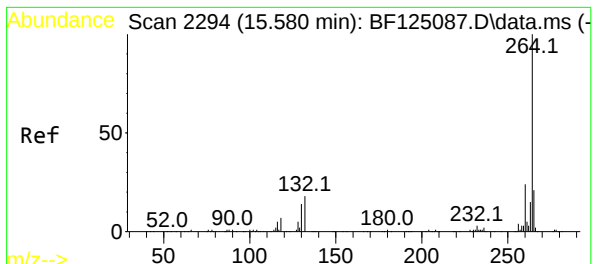
Tgt Ion:240 Resp: 349856
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 70.695 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF125140.D
Acq: 20 Aug 2021 18:03

Tgt Ion:244 Resp: 1552528
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.0 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.006 min
 Lab File: BF125140.D
 Acq: 20 Aug 2021 18:03

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Tgt Ion:264 Resp: 366709
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.3 17.2 25.8

