

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125106.D
 Acq On : 19 Aug 2021 10:34
 Operator : JU/CG
 Sample : PB138535BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138535BL

Quant Time: Aug 19 12:27:06 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)

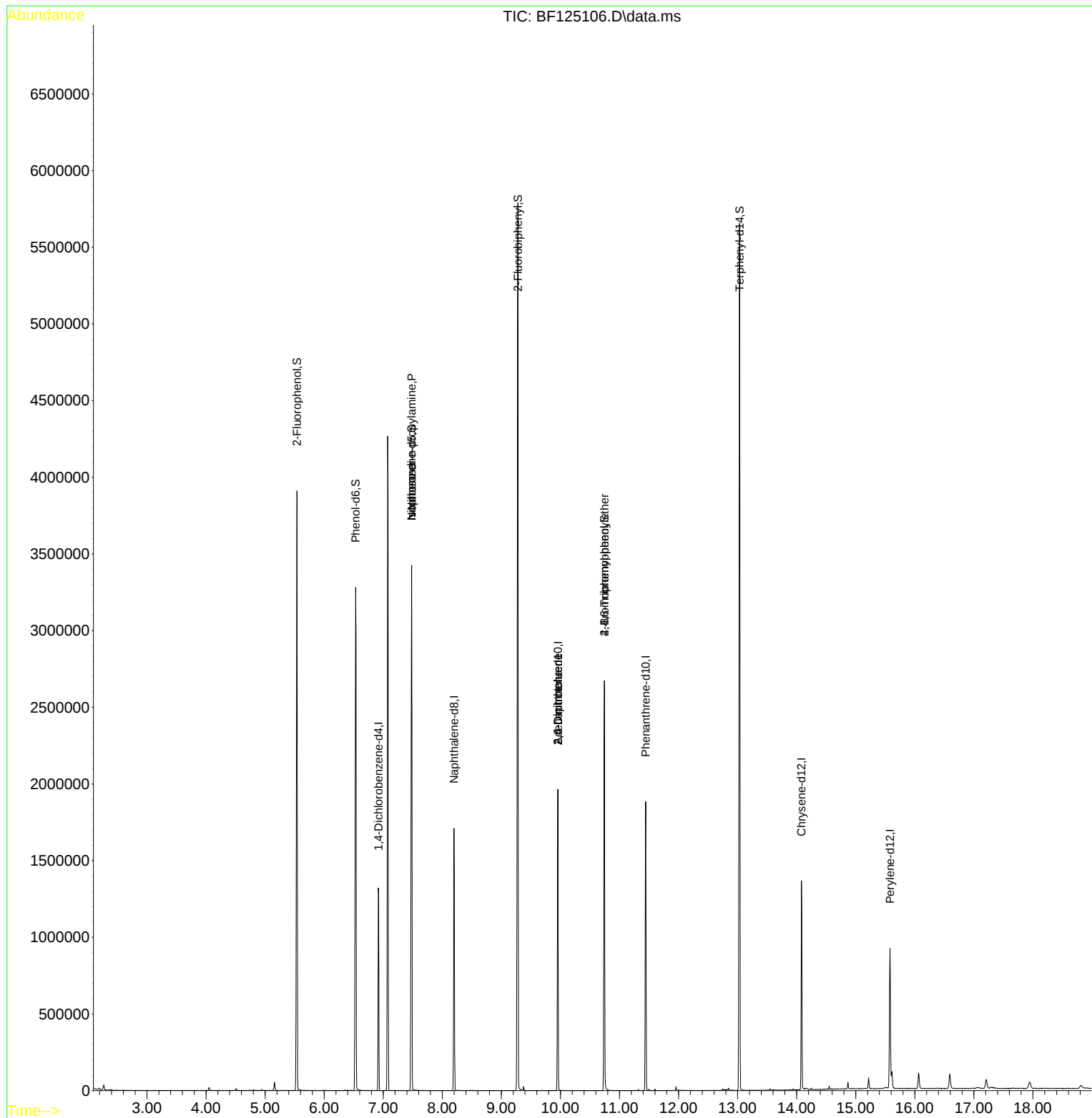
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	189626	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	744868	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	384937	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	666408	20.000	ng	0.00
76) Chrysene-d12	14.080	240	461630	20.000	ng	0.00
86) Perylene-d12	15.580	264	416931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	979096	78.152	ng	0.00
7) Phenol-d6	6.534	99	1202713	74.228	ng	0.00
23) Nitrobenzene-d5	7.481	82	1194065	80.704	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	320770	83.479	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1985420	71.886	ng	0.00
79) Terphenyl-d14	13.033	244	2220560	76.632	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	163415	16.768	ng	# 60
25) Isophorone	7.481	82	1191505	41.745	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	48078	8.312	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	48078	6.868	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	20396	2.549	ng	# 1

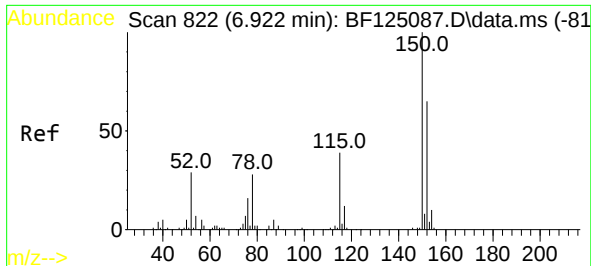
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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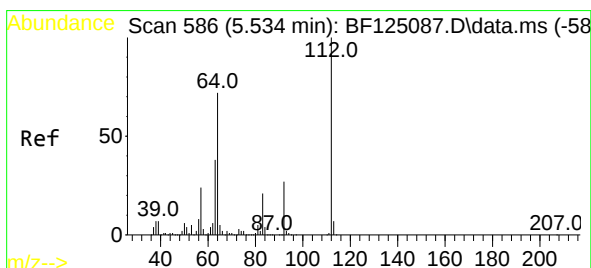
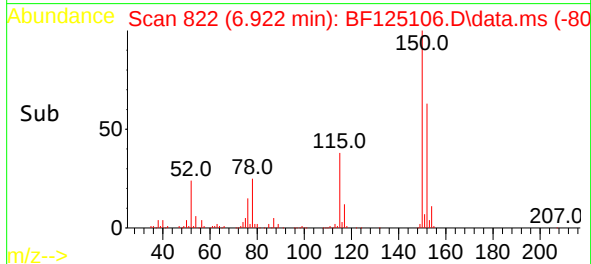
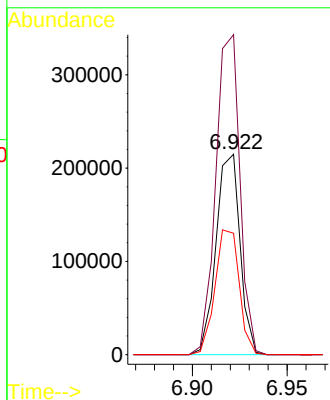
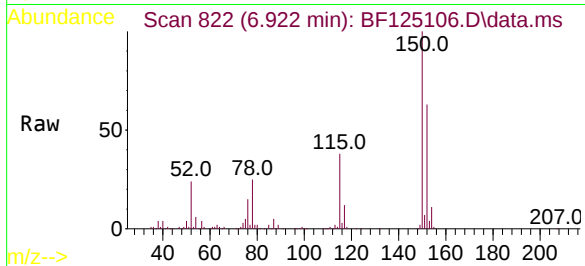




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

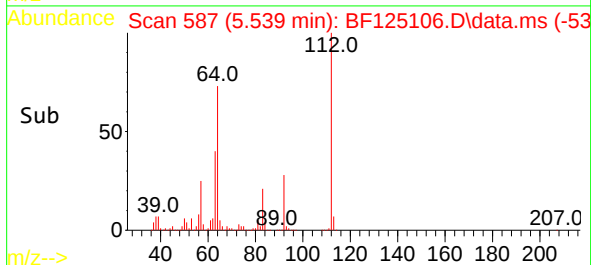
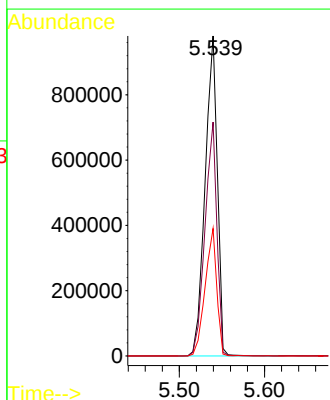
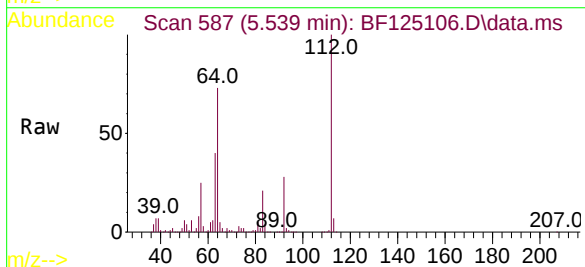
Instrument :
BNA_F
ClientSampleId :
PB138535BL

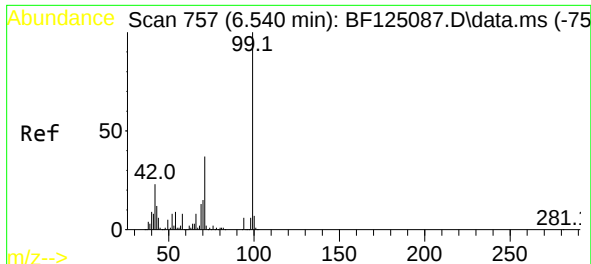
Tgt Ion:152 Resp: 189626
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 60.6 47.1 70.7



#5
2-Fluorophenol
Concen: 78.152 ng
RT: 5.539 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

Tgt Ion:112 Resp: 979096
Ion Ratio Lower Upper
112 100
64 73.1 44.2 66.2#
63 39.9 26.2 39.2#



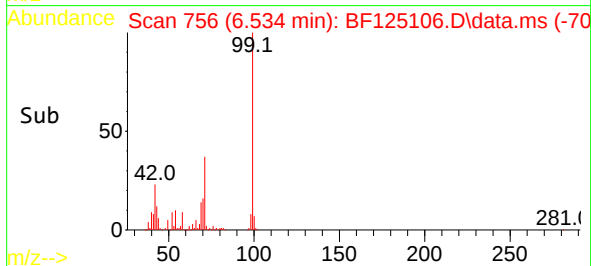
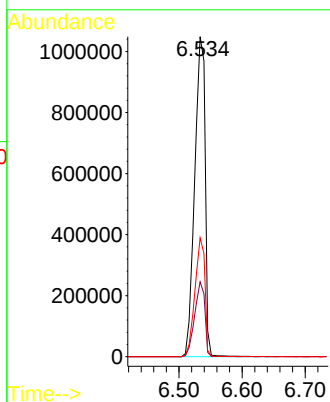
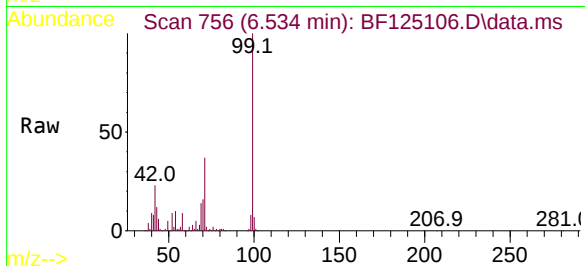


#7
Phenol-d6
Concen: 74.228 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

Instrument :
BNA_F
ClientSampleId :
PB138535BL

Tgt Ion: 99 Resp: 1202713

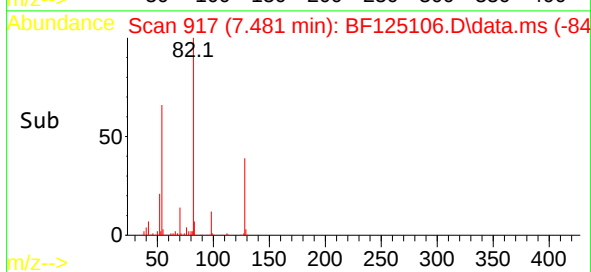
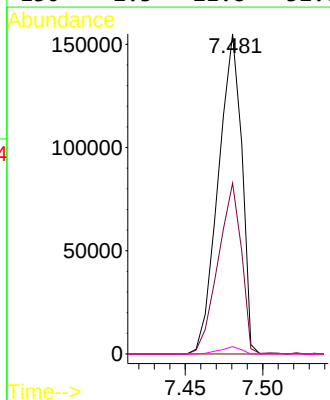
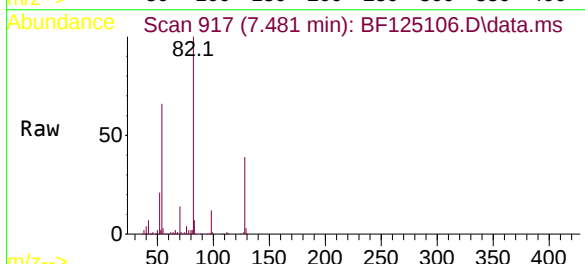
Ion	Ratio	Lower	Upper
99	100		
42	23.4	23.5	35.3#
71	37.2	25.6	38.4

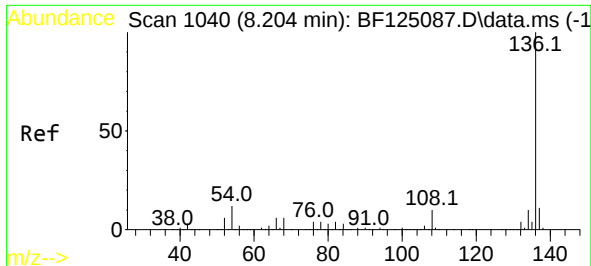


#19
n-Nitroso-di-n-propylamine
Concen: 16.768 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

Tgt Ion: 70 Resp: 163415

Ion	Ratio	Lower	Upper
70	100		
42	53.4	72.2	108.2#
101	0.0	7.8	11.8#
130	2.3	21.8	32.6#



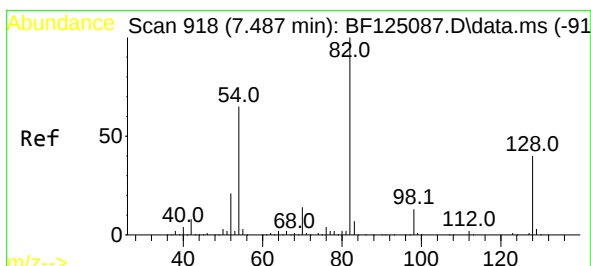
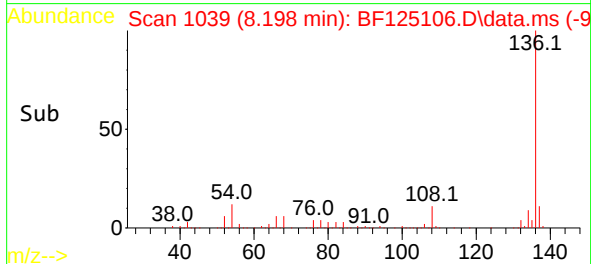
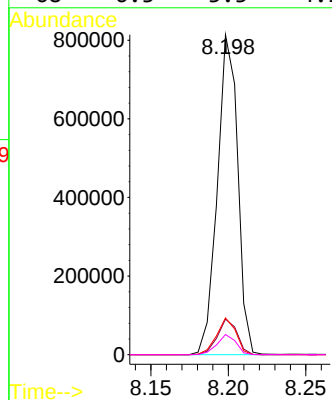
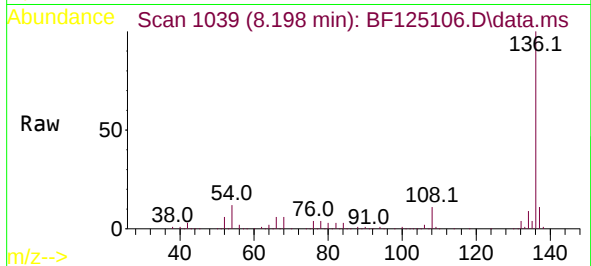


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

Instrument :
BNA_F
ClientSampleId :
PB138535BL

Tgt Ion:136 Resp: 744868

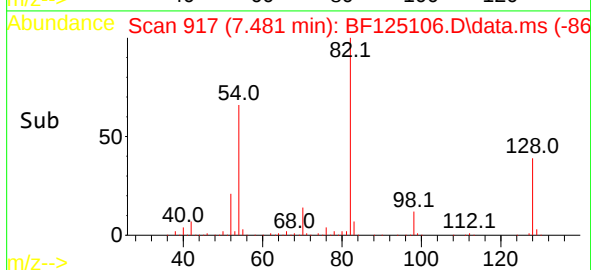
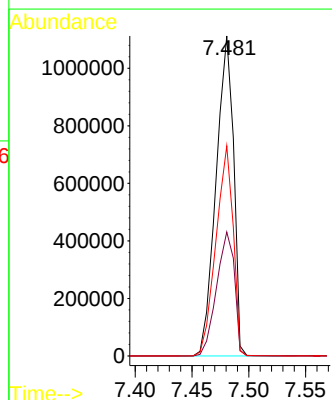
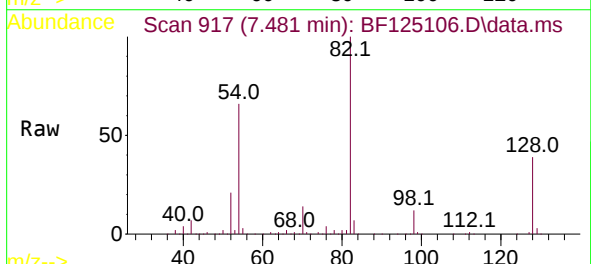
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	11.5	6.4	9.6#
68	6.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 80.704 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

Tgt Ion: 82 Resp: 1194065

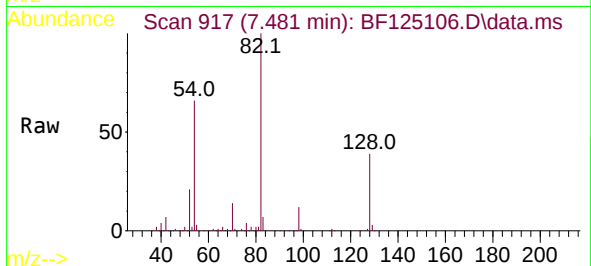
Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	60.8#
54	65.6	49.6	74.4



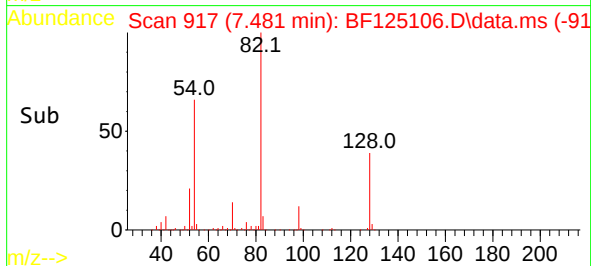
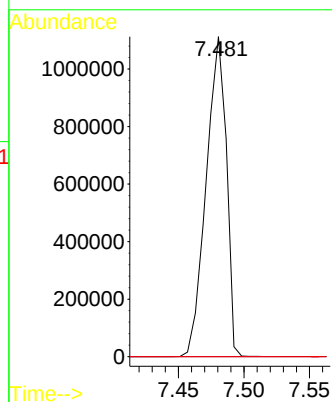


#25
Isophorone
Concen: 41.745 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

Instrument :
BNA_F
ClientSampleId :
PB138535BL

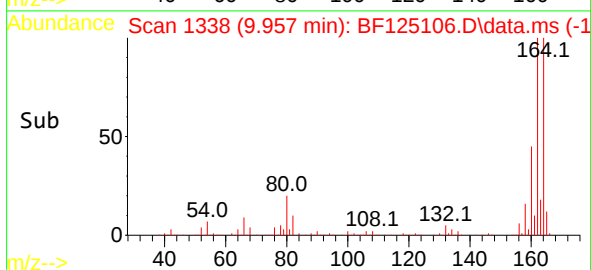
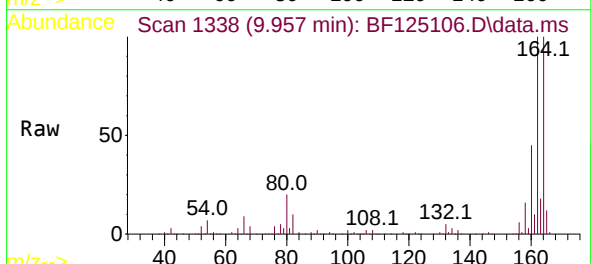
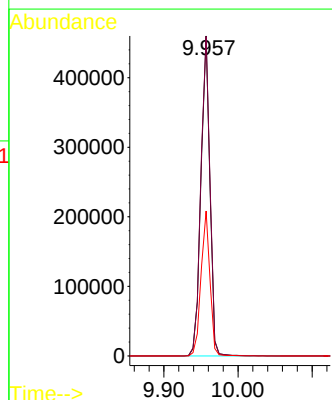


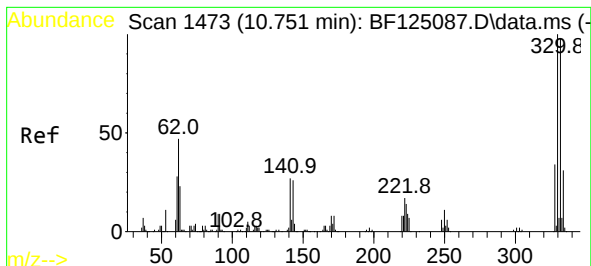
Tgt Ion: 82 Resp: 1191505
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

Tgt Ion: 164 Resp: 384937
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 45.3 38.0 57.0

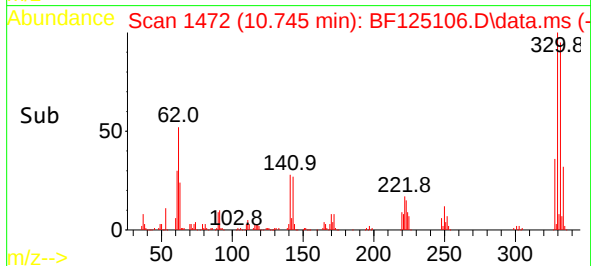
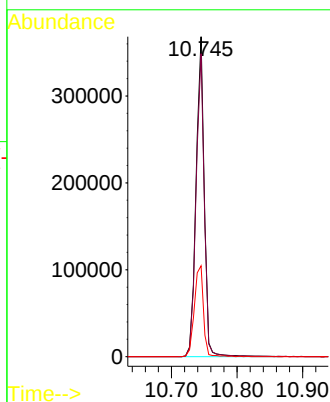
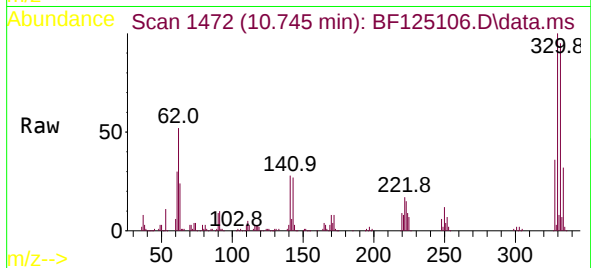




#42
2,4,6-Tribromophenol
Concen: 83.479 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

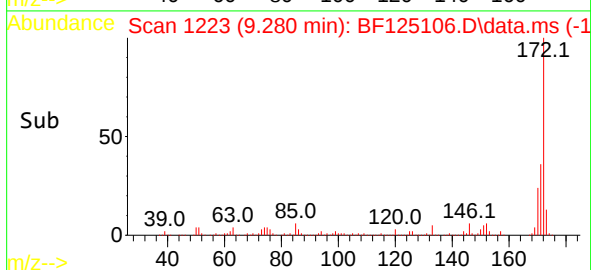
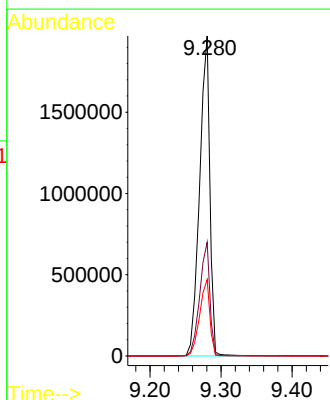
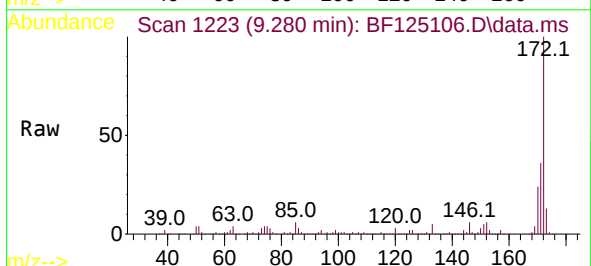
Instrument :
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ClientSampleId :
PB138535BL

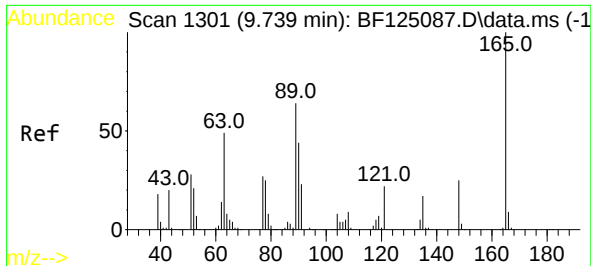
Tgt Ion:330 Resp: 320770
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 31.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.886 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

Tgt Ion:172 Resp: 1985420
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.9 18.8 28.2

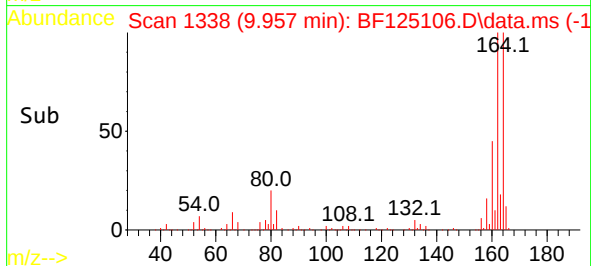
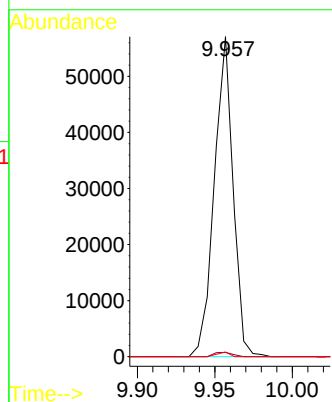
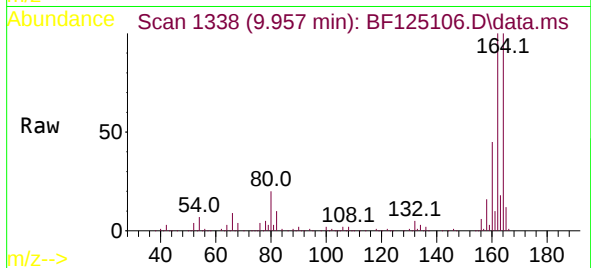




#51
2,6-Dinitrotoluene
Concen: 8.312 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

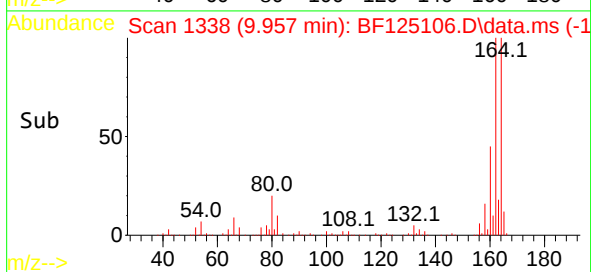
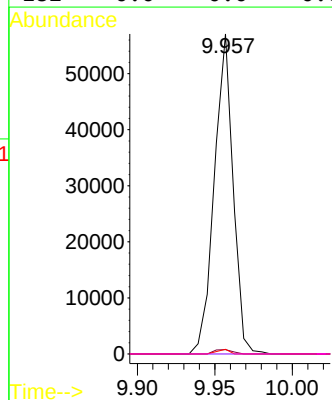
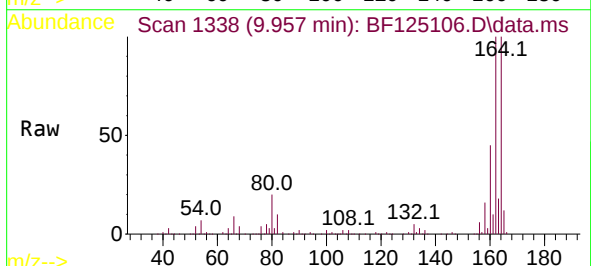
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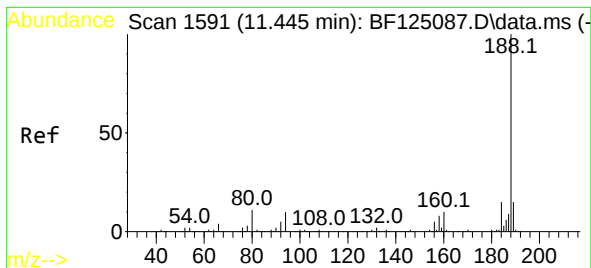
Tgt Ion:165 Resp: 48078
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.868 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

Tgt Ion:165 Resp: 48078
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

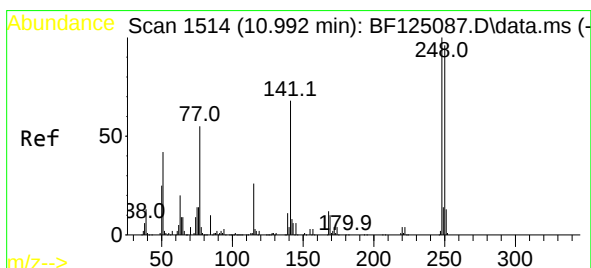
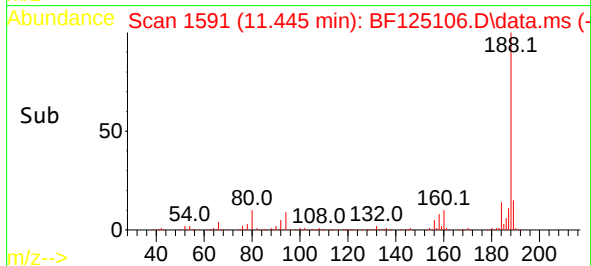
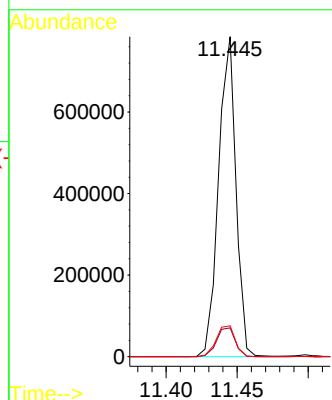
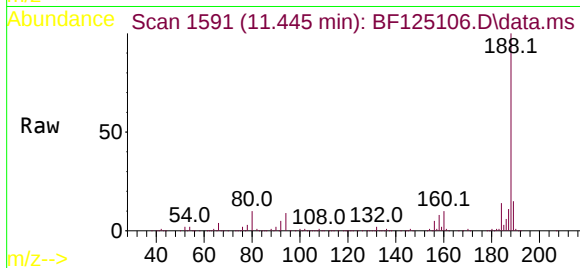




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

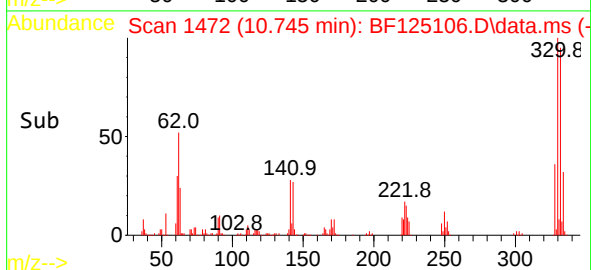
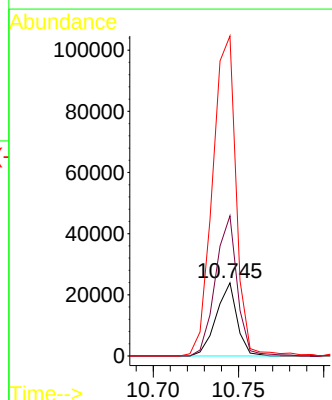
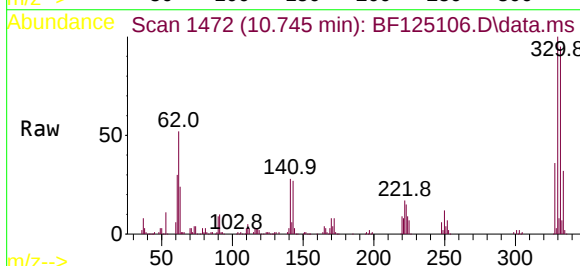
Instrument :
BNA_F
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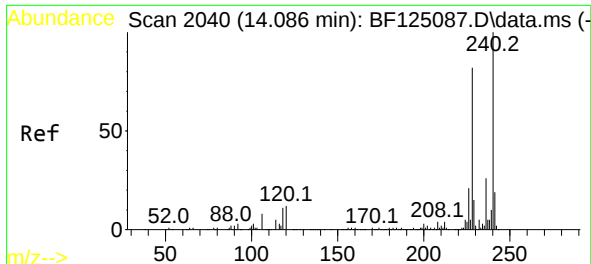
Tgt Ion:188 Resp: 666408
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.549 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

Tgt Ion:248 Resp: 20396
Ion Ratio Lower Upper
248 100
250 191.7 74.2 111.4#
141 437.5 60.4 90.6#

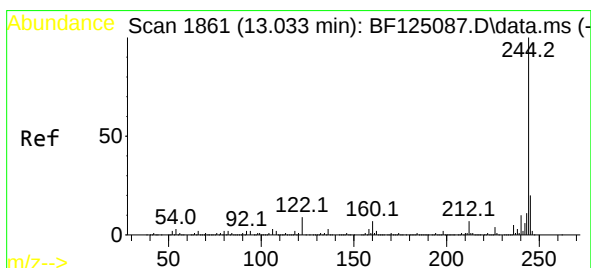
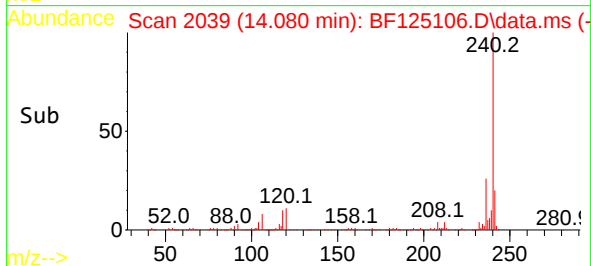
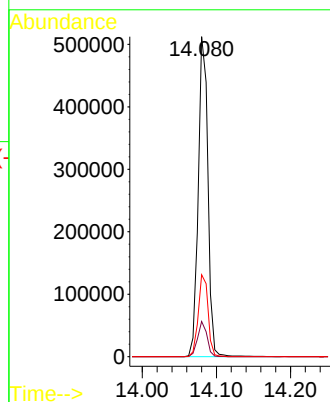
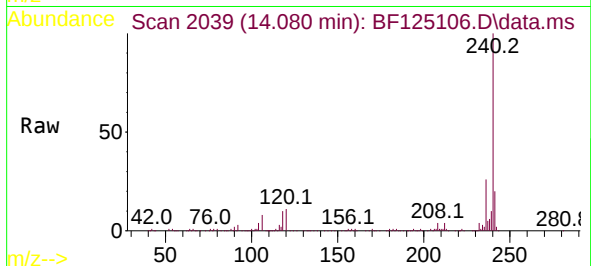




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

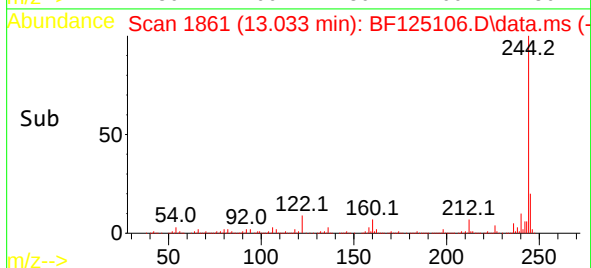
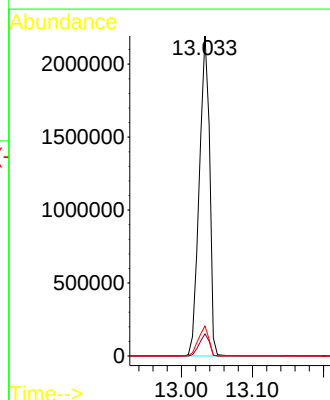
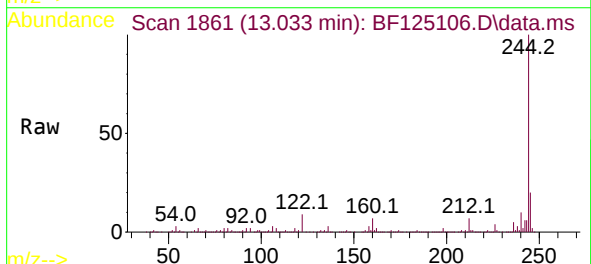
Instrument :
BNA_F
ClientSampleId :
PB138535BL

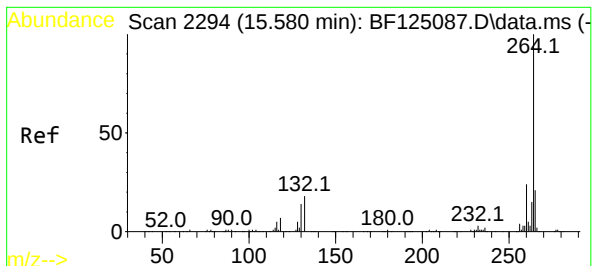
Tgt Ion:240 Resp: 461630
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 25.6 21.6 32.4



#79
Terphenyl-d14
Concen: 76.632 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125106.D
Acq: 19 Aug 2021 10:34

Tgt Ion:244 Resp: 2220560
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.000 min
 Lab File: BF125106.D
 Acq: 19 Aug 2021 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB138535BL

Tgt Ion:264 Resp: 416931
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.6 17.2 25.8

