

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125206.D
 Acq On : 25 Aug 2021 13:11
 Operator : JU/CG
 Sample : M3524-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-6

Quant Time: Aug 25 13:36:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

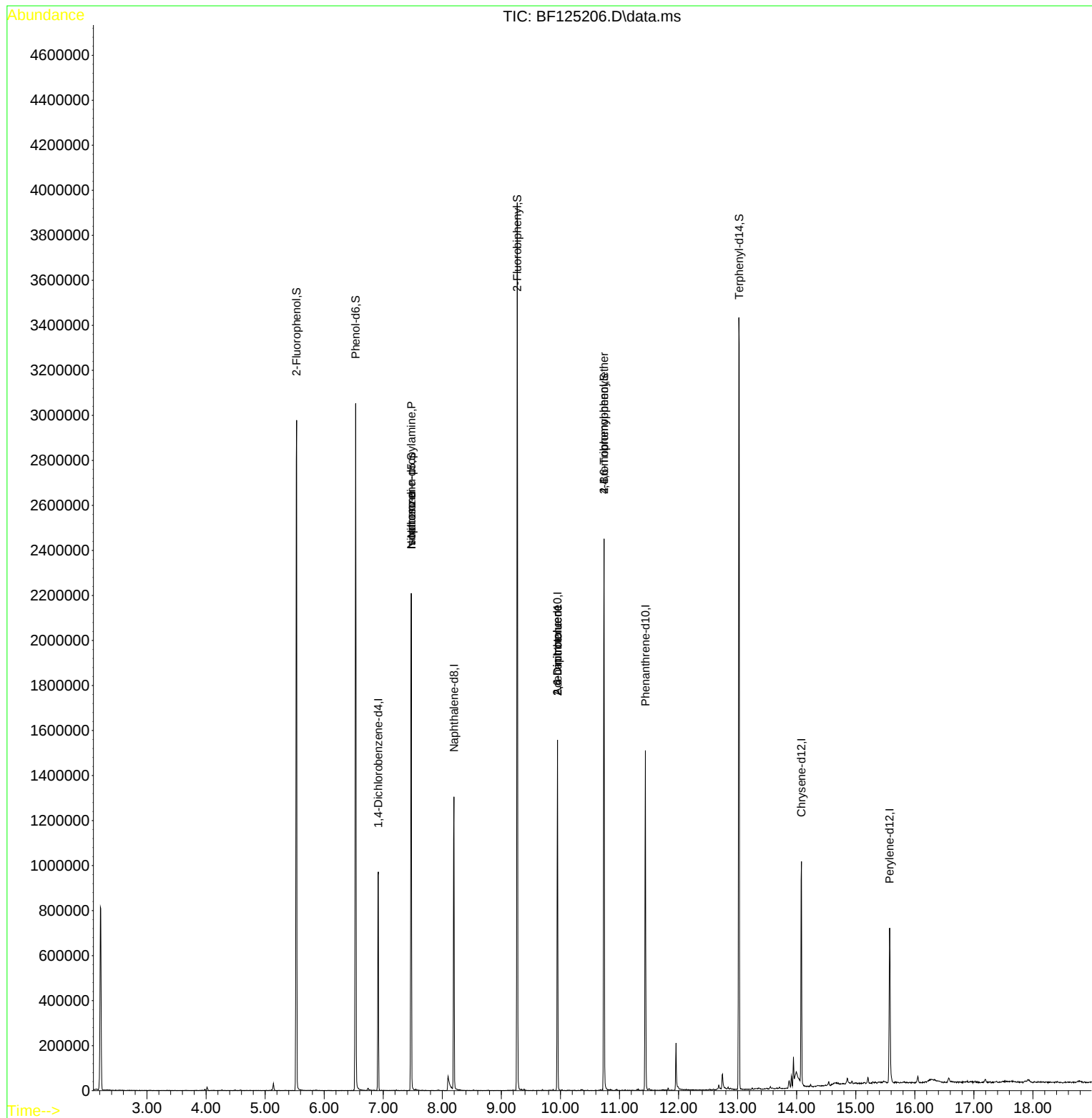
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	139588	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	547227	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	293107	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	534889	20.000	ng	0.00
76) Chrysene-d12	14.080	240	356296	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	329131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	746391	80.934	ng	0.00
7) Phenol-d6	6.534	99	939551	78.773	ng	0.00
23) Nitrobenzene-d5	7.475	82	626894	57.673	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	292626	100.014	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1166231	55.455	ng	0.00
79) Terphenyl-d14	13.027	244	1294957	57.901	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	86708	12.086	ng	# 59
25) Isophorone	7.475	82	626887	29.896	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	37714	8.563	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	37714	7.075	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	17658	2.749	ng	# 1

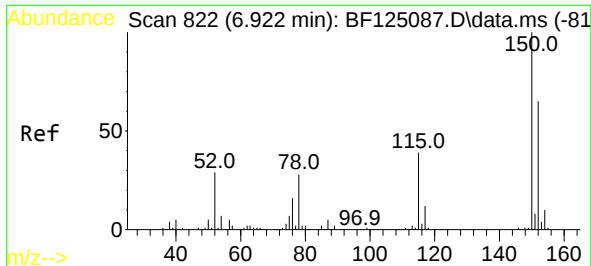
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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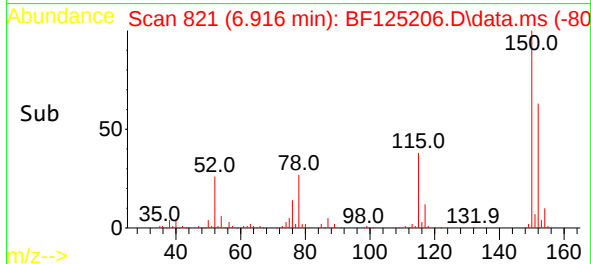
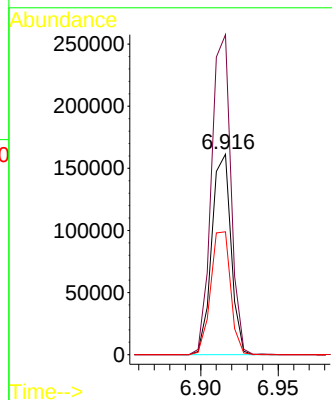
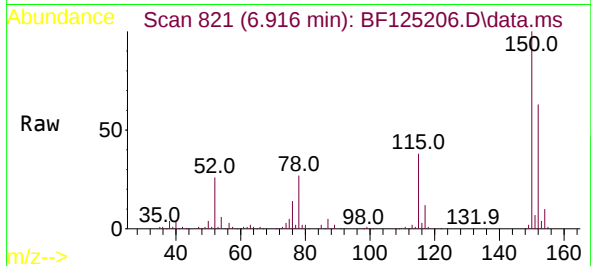




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

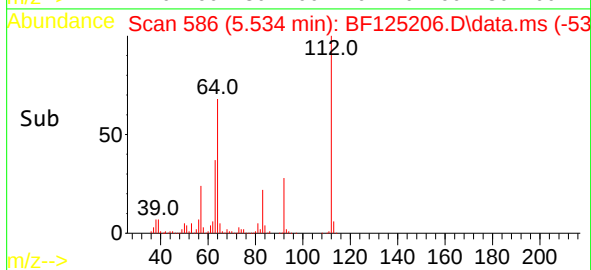
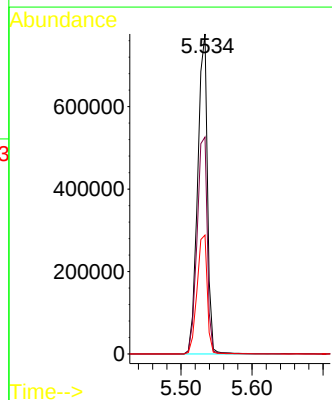
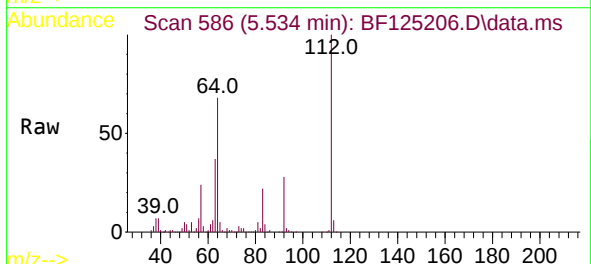
Instrument :
BNA_F
ClientSampled :
PE-6

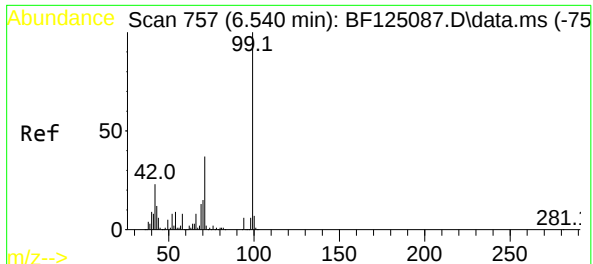
Tgt Ion:152 Resp: 139588
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 61.3 47.1 70.7



#5
2-Fluorophenol
Concen: 80.934 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

Tgt Ion:112 Resp: 746391
Ion Ratio Lower Upper
112 100
64 67.8 44.2 66.2#
63 37.1 26.2 39.2

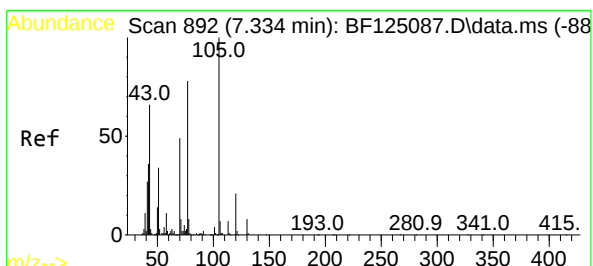
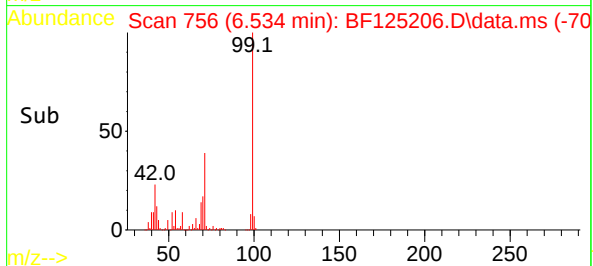
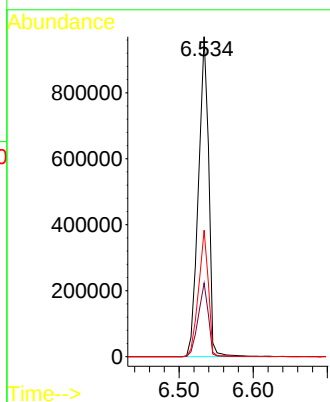
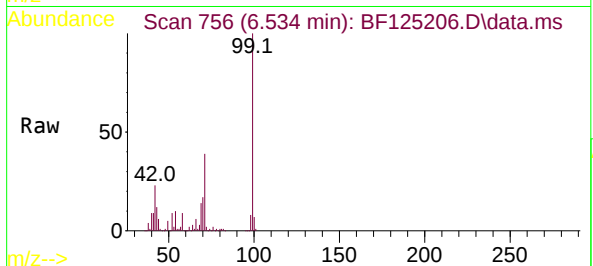




#7
Phenol-d6
Concen: 78.773 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

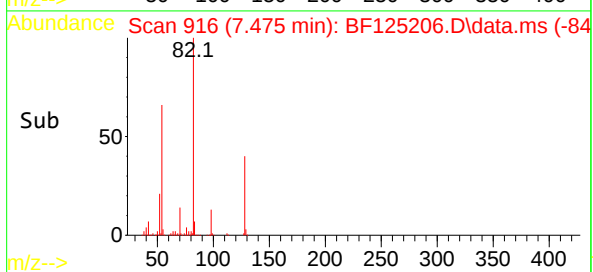
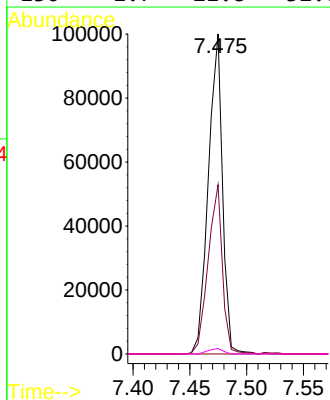
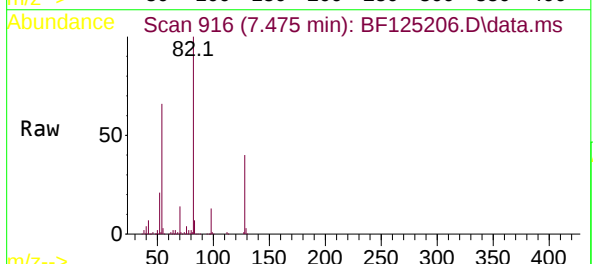
Instrument :
BNA_F
ClientSampleId :
PE-6

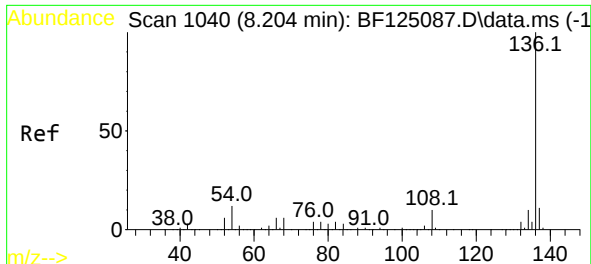
Tgt Ion: 99 Resp: 939551
Ion Ratio Lower Upper
99 100
42 23.0 23.5 35.3#
71 39.5 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 12.086 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

Tgt Ion: 70 Resp: 86708
Ion Ratio Lower Upper
70 100
42 52.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

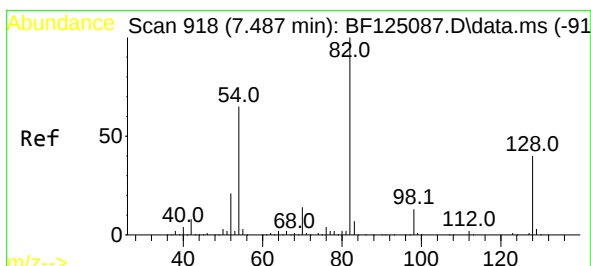
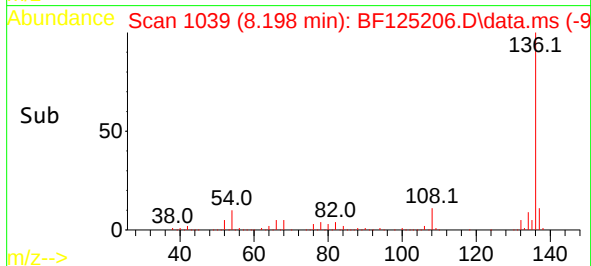
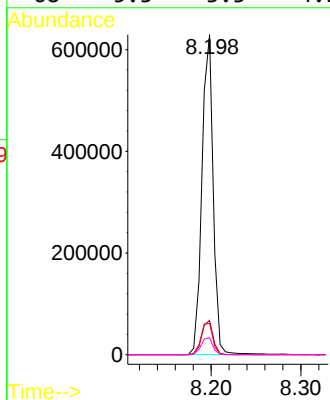
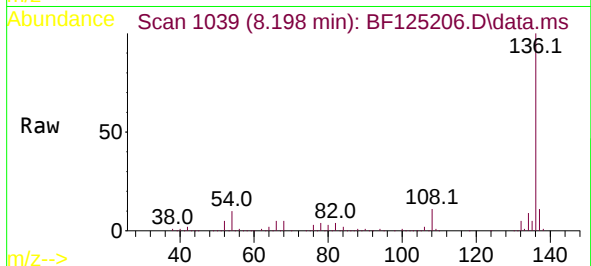




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

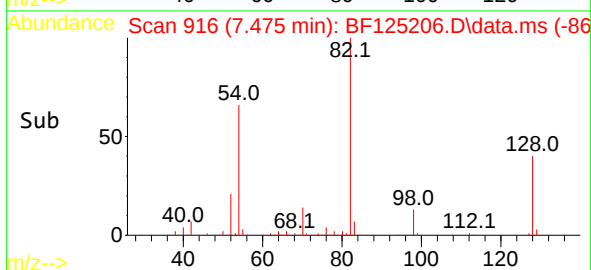
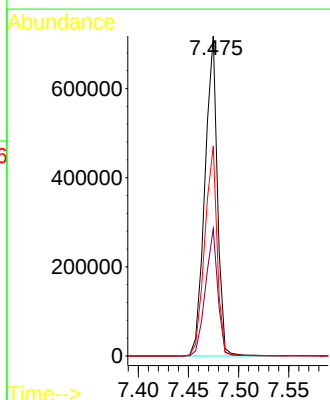
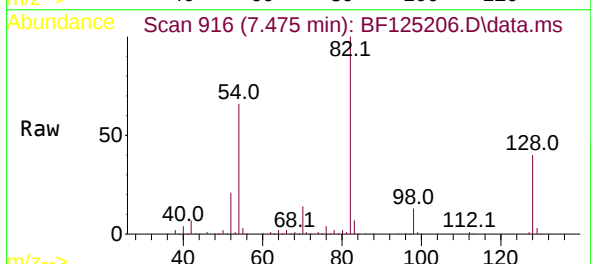
Instrument :
BNA_F
ClientSampled :
PE-6

Tgt Ion:	136	Resp:	547227
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.8	14.6
54	9.8	6.4	9.6#
68	5.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 57.673 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

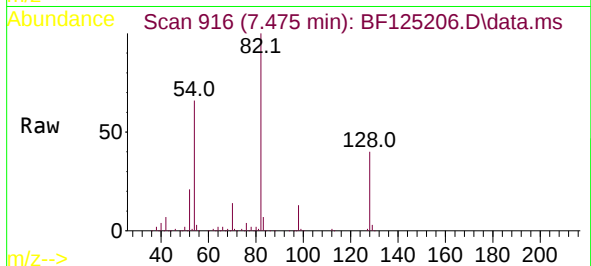
Tgt Ion:	82	Resp:	626894
Ion Ratio	Lower	Upper	
82	100		
128	39.8	40.6	60.8#
54	65.6	49.6	74.4



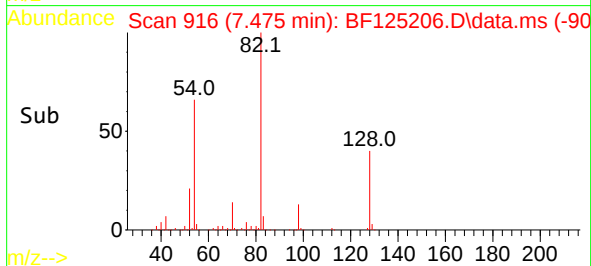
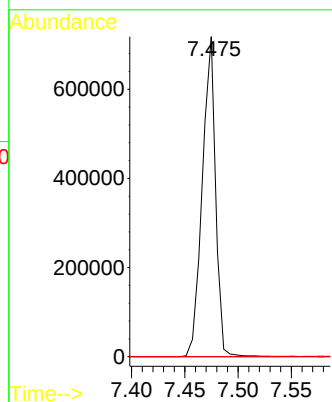


#25
Isophorone
Concen: 29.896 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

Instrument :
BNA_F
ClientSampleId :
PE-6

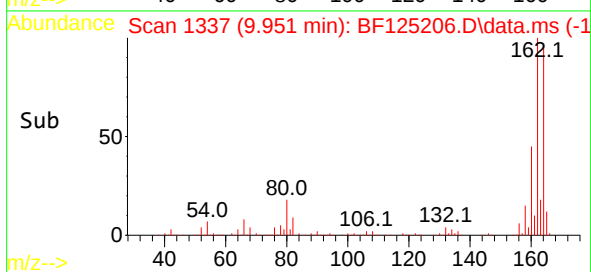
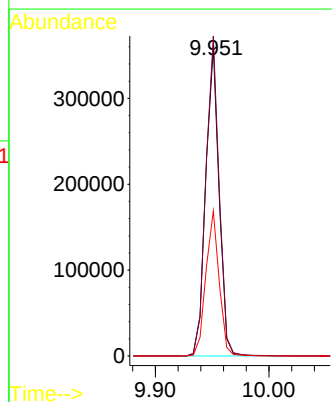
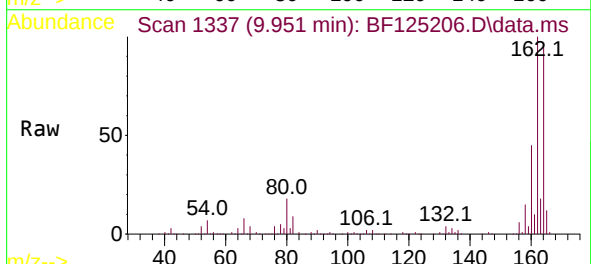


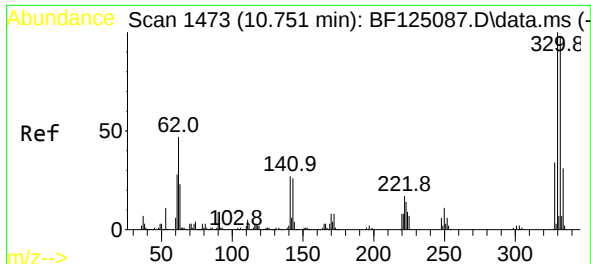
Tgt Ion: 82 Resp: 626887
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

Tgt Ion: 164 Resp: 293107
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 47.0 38.0 57.0

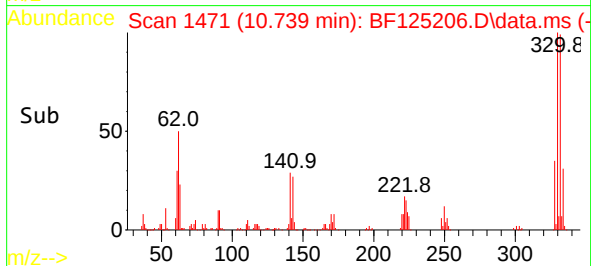
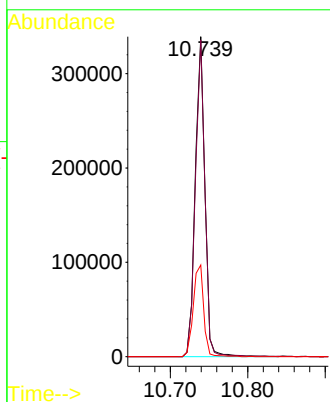
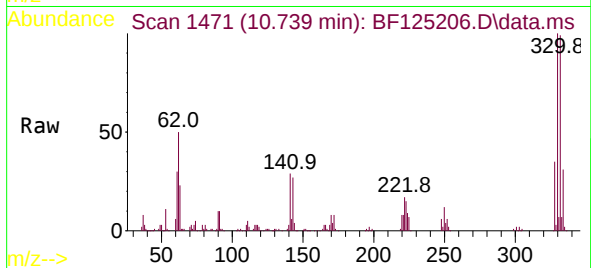




#42
2,4,6-Tribromophenol
Concen: 100.014 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

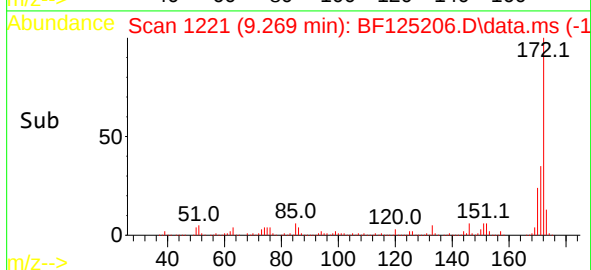
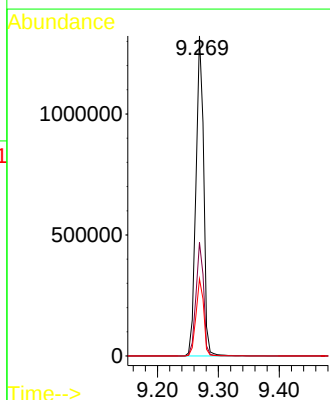
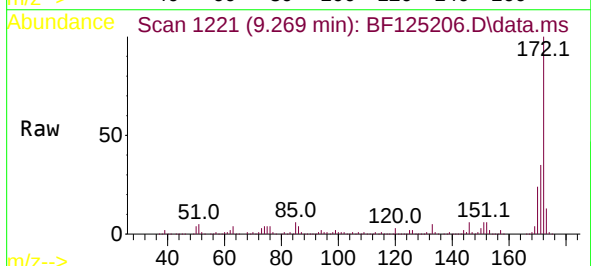
Instrument :
BNA_F
ClientSampled :
PE-6

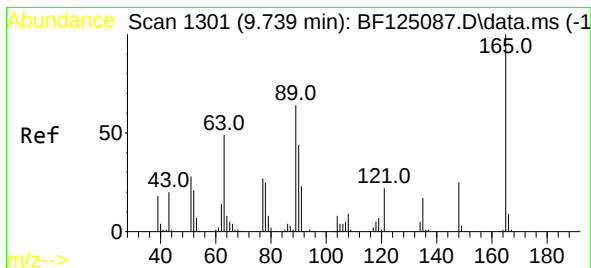
Tgt Ion:330 Resp: 292626
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 31.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 55.455 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

Tgt Ion:172 Resp: 1166231
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.1 18.8 28.2

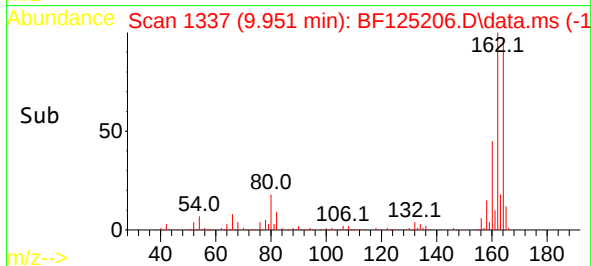
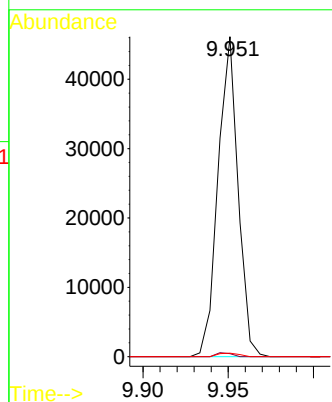
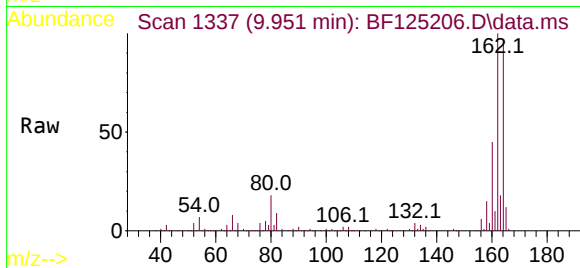




#51
2,6-Dinitrotoluene
Concen: 8.563 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

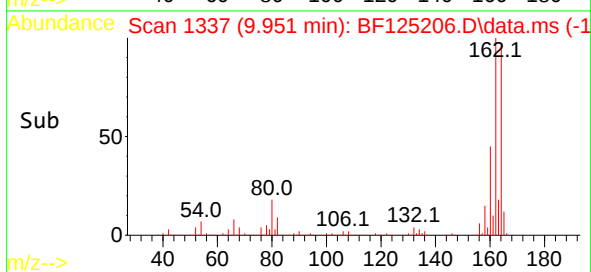
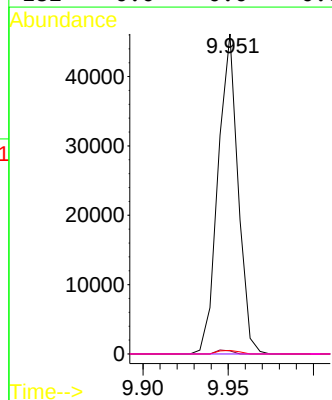
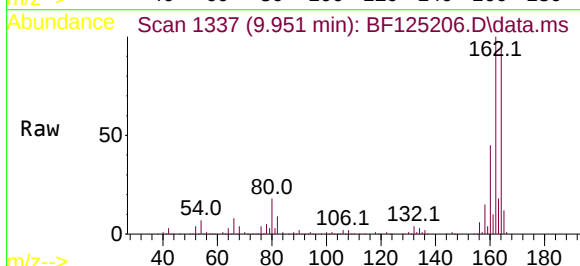
Instrument :
BNA_F
ClientSampled :
PE-6

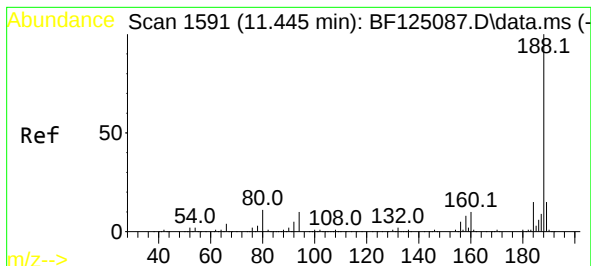
Tgt Ion:165 Resp: 37714
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.075 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

Tgt Ion:165 Resp: 37714
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

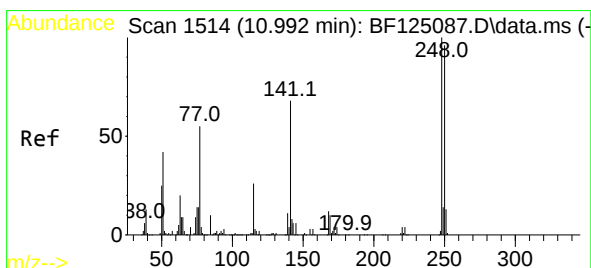
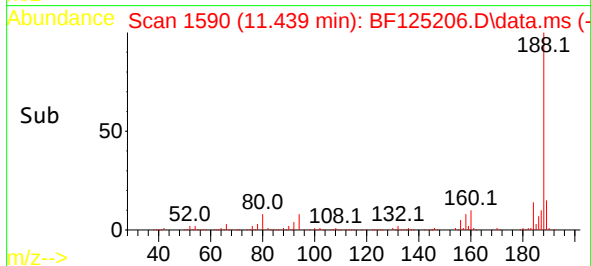
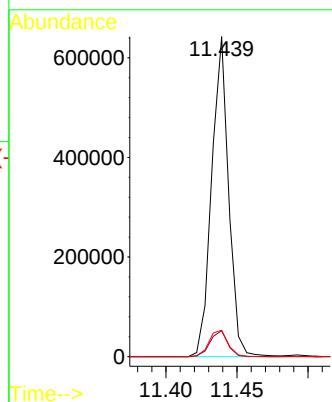
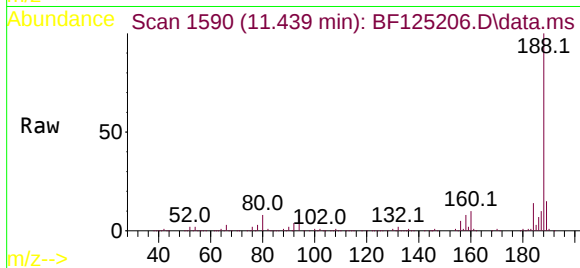




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

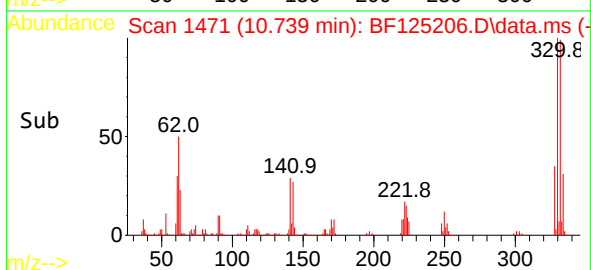
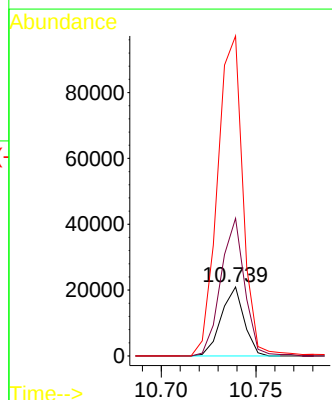
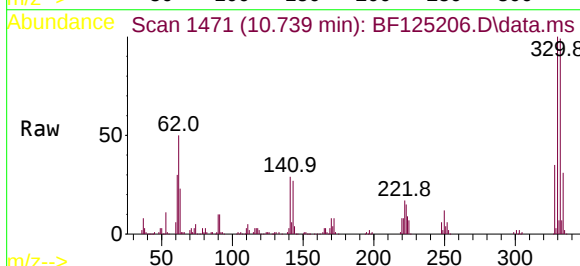
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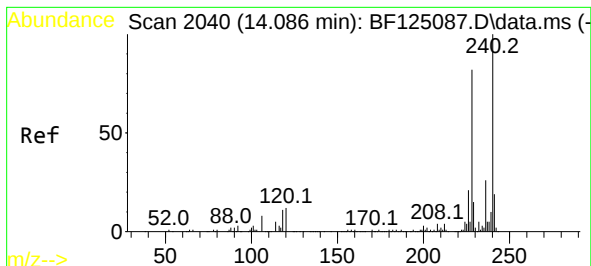
Tgt Ion:188 Resp: 534889
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.749 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

Tgt Ion:248 Resp: 17658
Ion Ratio Lower Upper
248 100
250 199.7 74.2 111.4#
141 464.2 60.4 90.6#

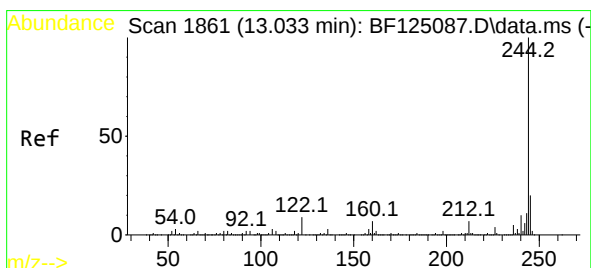
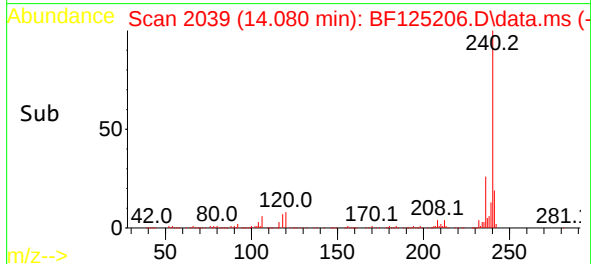
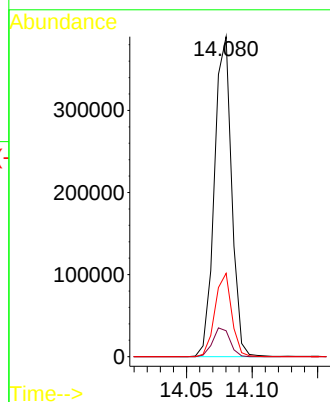
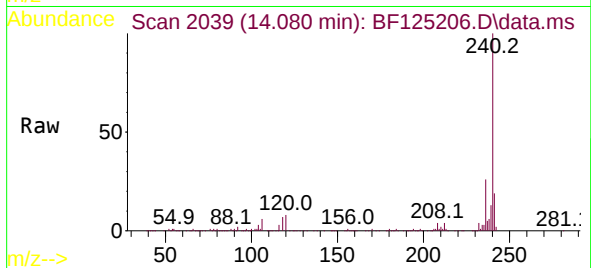




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

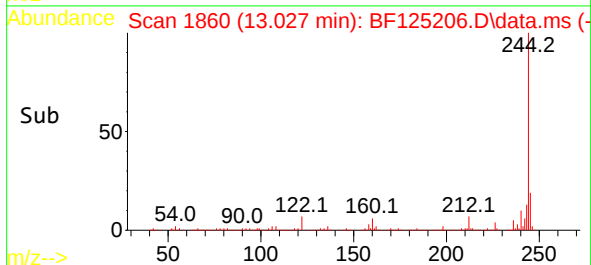
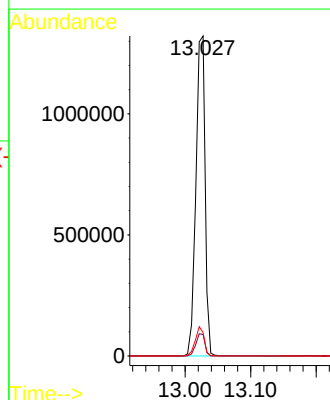
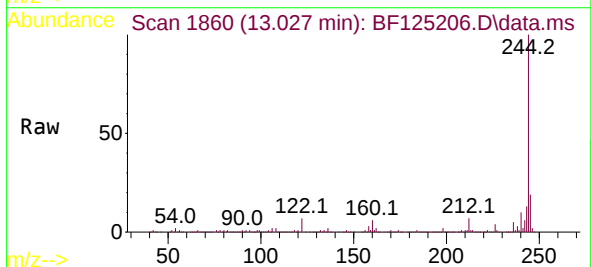
Instrument :
BNA_F
ClientSampled :
PE-6

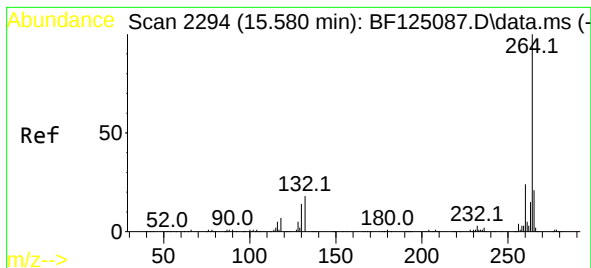
Tgt Ion:240 Resp: 356296
Ion Ratio Lower Upper
240 100
120 8.1 10.8 16.2#
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 57.901 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125206.D
Acq: 25 Aug 2021 13:11

Tgt Ion:244 Resp: 1294957
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.3 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.000 min

Lab File: BF125206.D

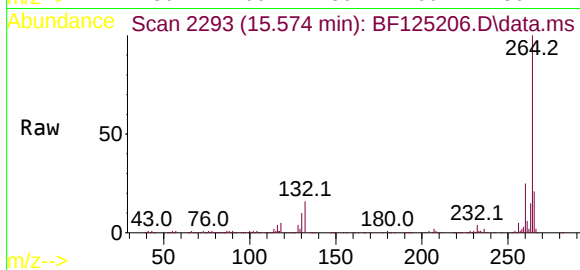
Acq: 25 Aug 2021 13:11

Instrument :

BNA_F

ClientSampleId :

PE-6



Tgt Ion:264 Resp: 329131

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 20.6 17.2 25.8

