

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125204.D
 Acq On : 25 Aug 2021 12:07
 Operator : JU/CG
 Sample : M3524-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Quant Time: Aug 25 12:40:00 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)

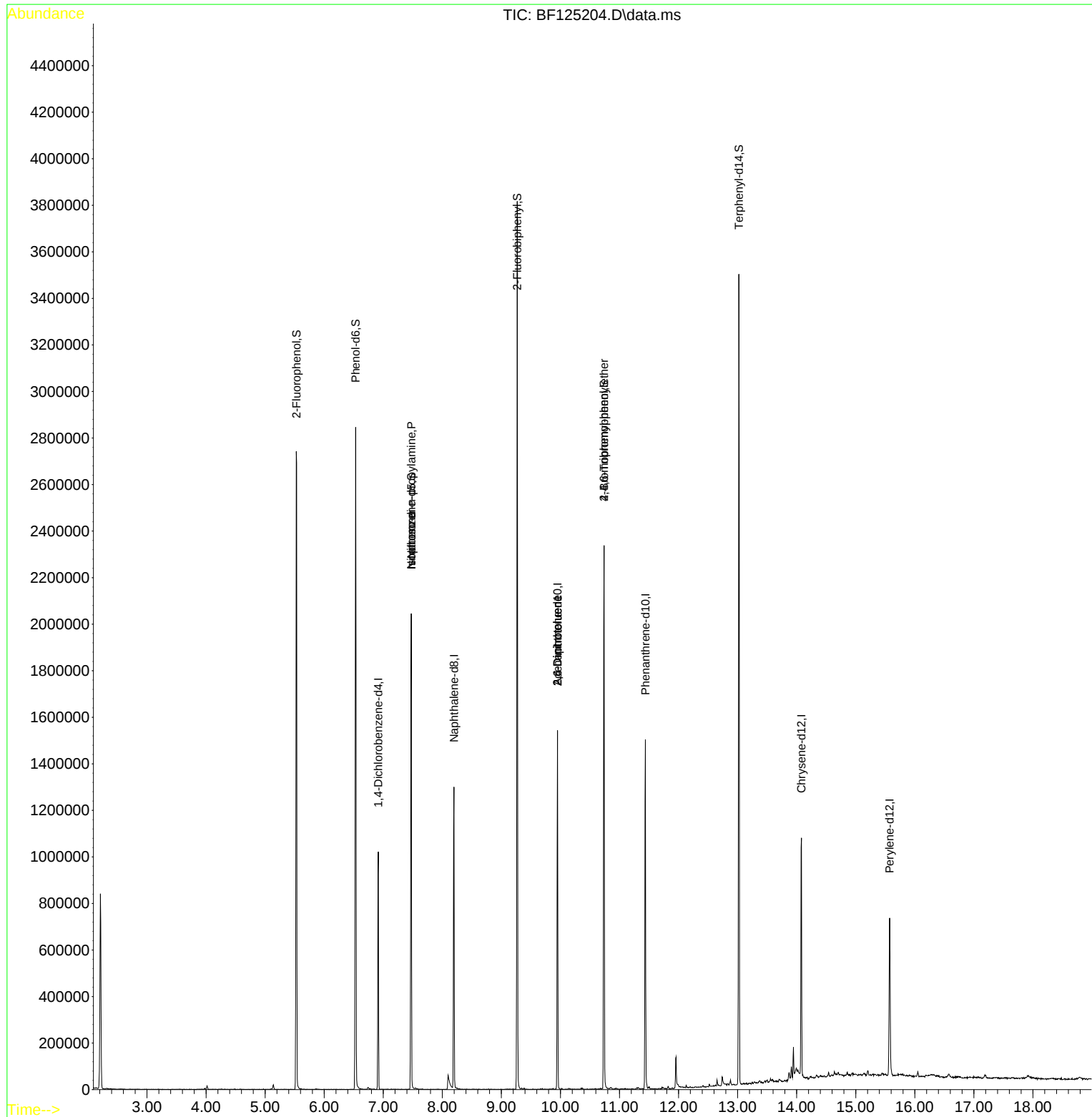
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	140115	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	549451	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	294174	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	539862	20.000	ng	0.00
76) Chrysene-d12	14.080	240	364427	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	317812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	709130	76.604	ng	0.00
7) Phenol-d6	6.534	99	885685	73.978	ng	0.00
23) Nitrobenzene-d5	7.475	82	596427	54.648	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	280887	95.653	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1095915	51.922	ng	0.00
79) Terphenyl-d14	13.021	244	1196776	52.317	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	81487	11.316	ng	# 59
25) Isophorone	7.475	82	596419	28.328	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	38114	8.622	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	38114	7.124	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	16886	2.605	ng	# 1

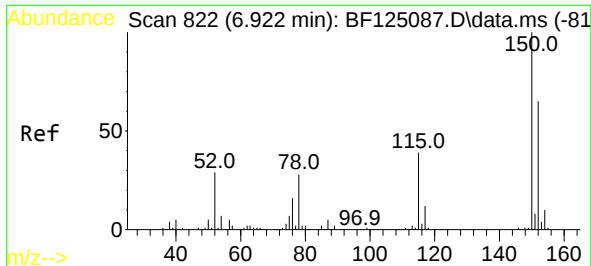
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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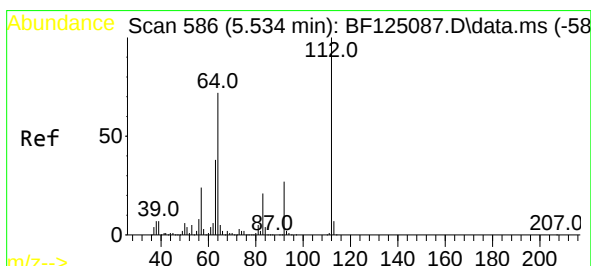
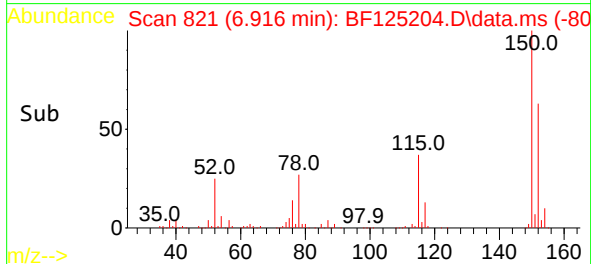
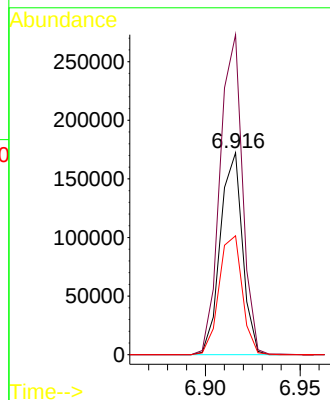
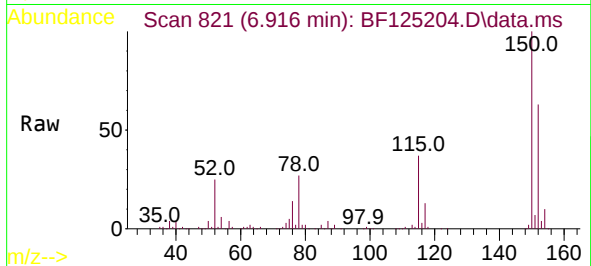




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

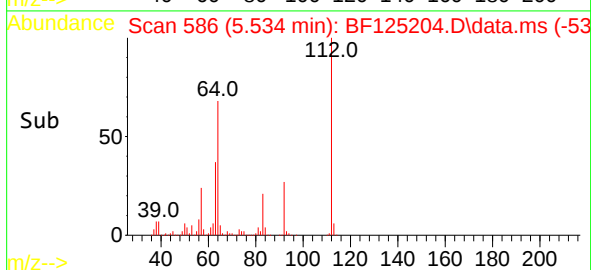
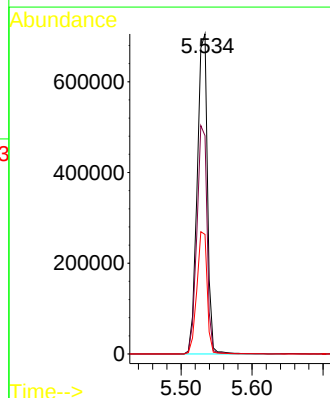
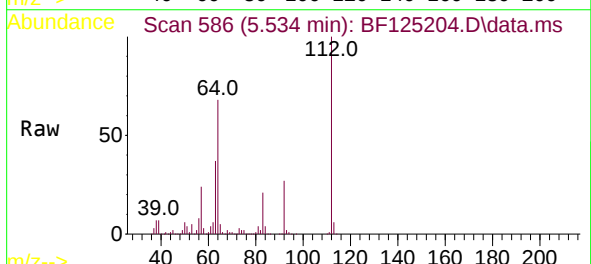
Instrument :
BNA_F
ClientSampled :
PE-5

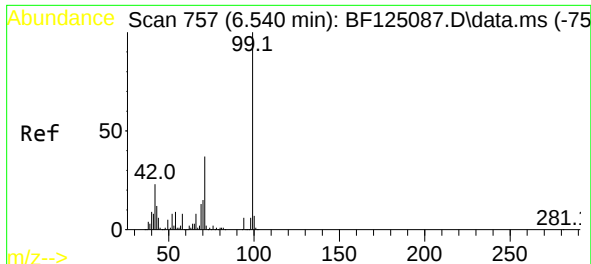
Tgt Ion:152 Resp: 140115
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 76.604 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

Tgt Ion:112 Resp: 709130
Ion Ratio Lower Upper
112 100
64 68.2 44.2 66.2#
63 37.3 26.2 39.2

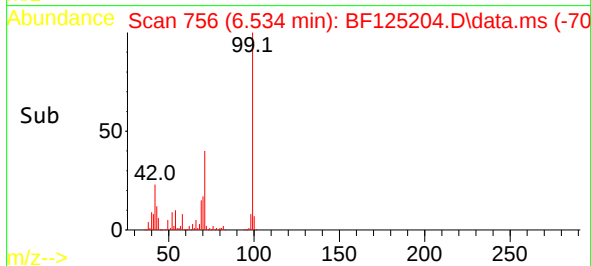
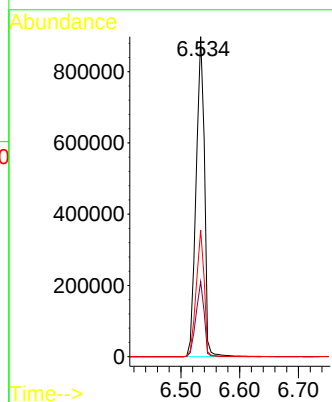
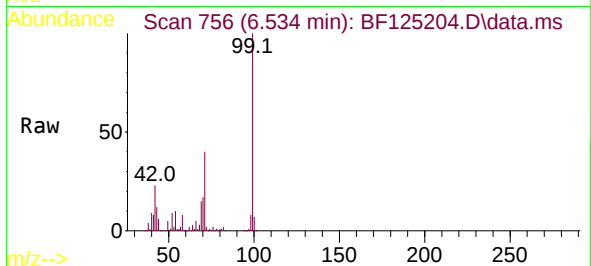




#7
Phenol-d6
Concen: 73.978 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

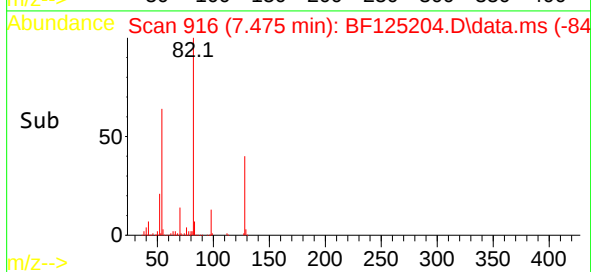
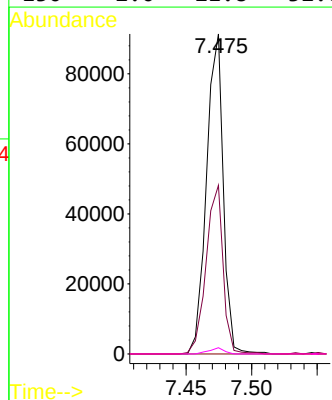
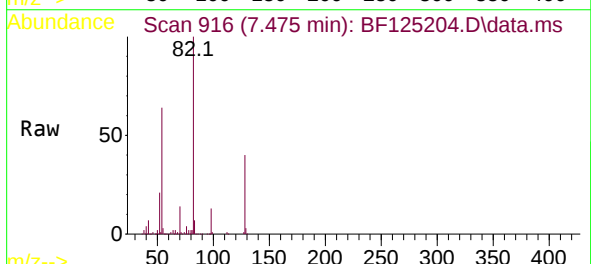
Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion: 99 Resp: 885685
Ion Ratio Lower Upper
99 100
42 23.4 23.5 35.3#
71 39.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 11.316 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

Tgt Ion: 70 Resp: 81487
Ion Ratio Lower Upper
70 100
42 52.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

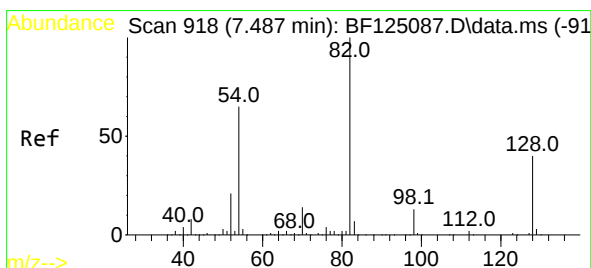
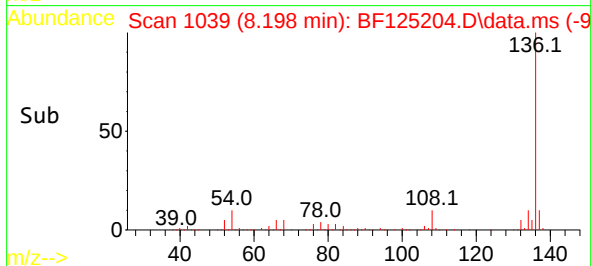
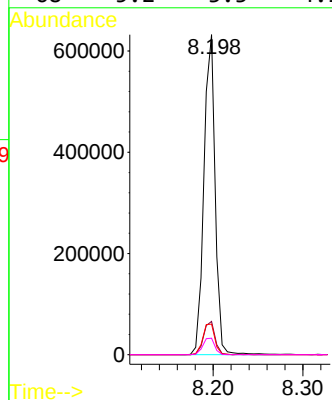
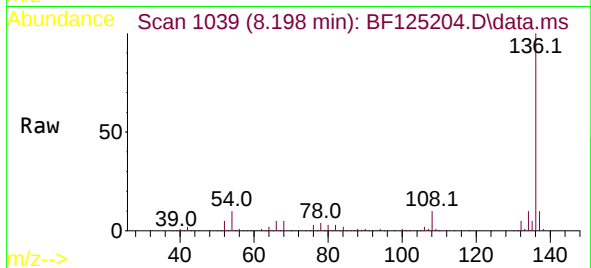




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

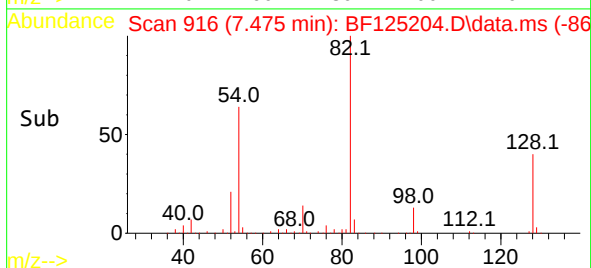
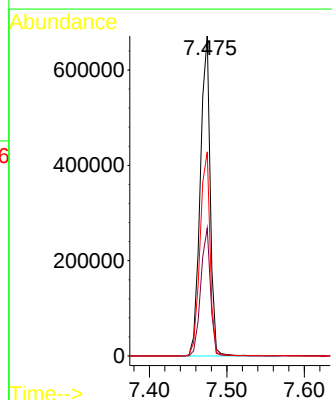
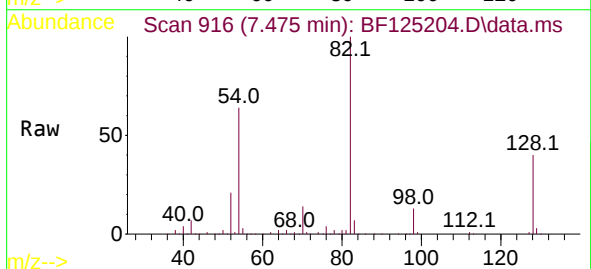
Instrument :
BNA_F
ClientSampled :
PE-5

Tgt Ion:136 Resp: 549451
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 9.6 6.4 9.6
68 5.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 54.648 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

Tgt Ion: 82 Resp: 596427
Ion Ratio Lower Upper
82 100
128 40.0 40.6 60.8#
54 63.8 49.6 74.4

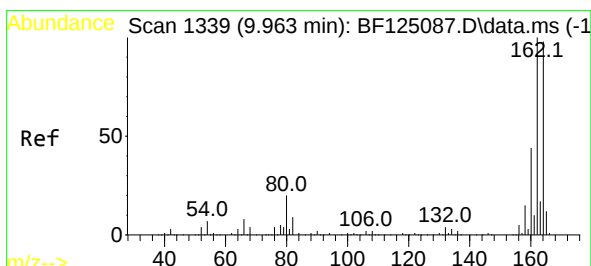
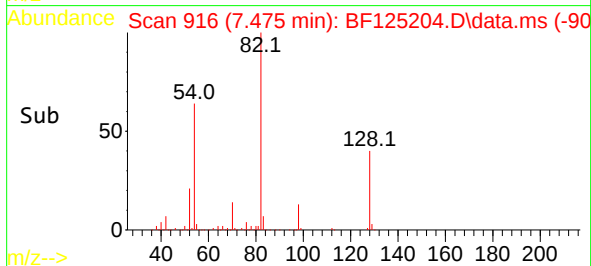
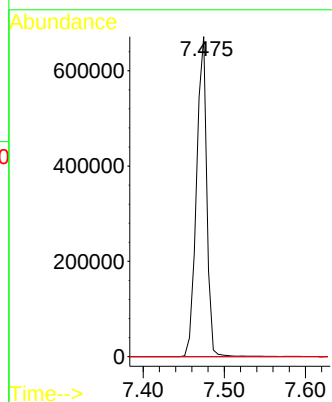
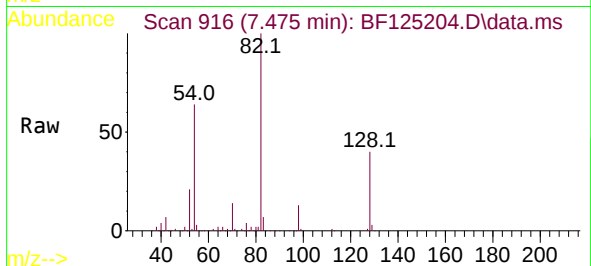




#25
Isophorone
Concen: 28.328 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

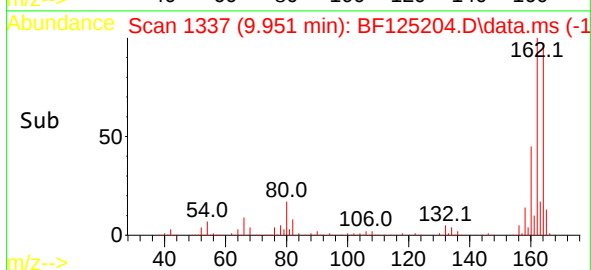
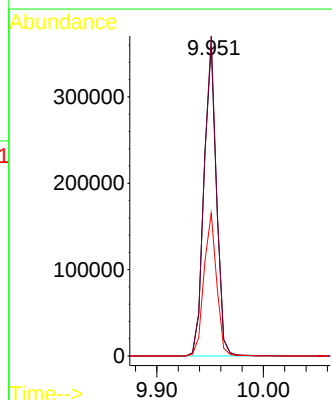
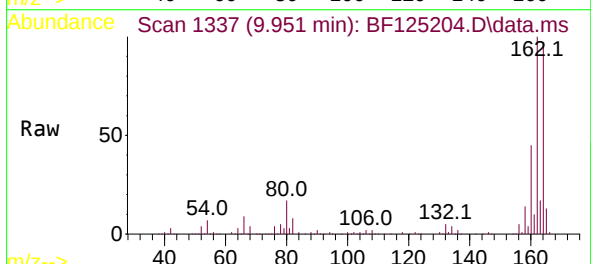
Instrument :
BNA_F
ClientSampleId :
PE-5

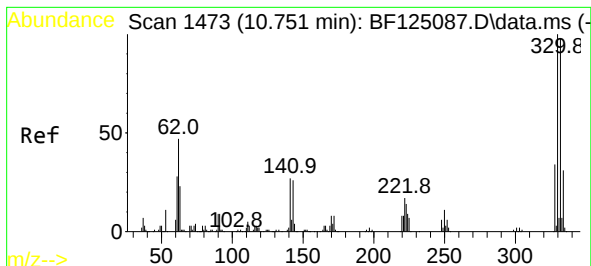
Tgt Ion: 82 Resp: 596419
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

Tgt Ion: 164 Resp: 294174
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 46.0 38.0 57.0

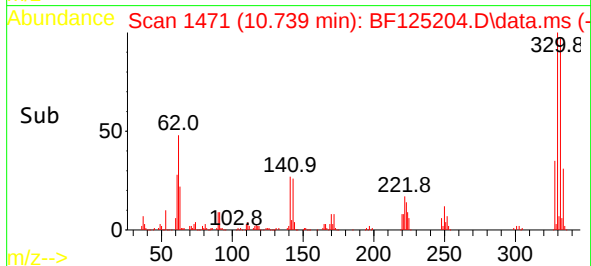
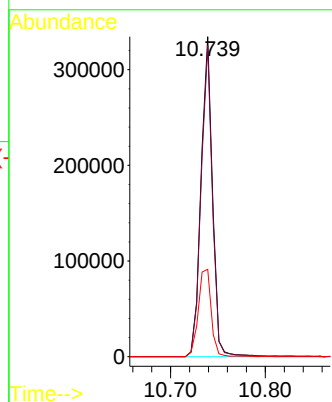
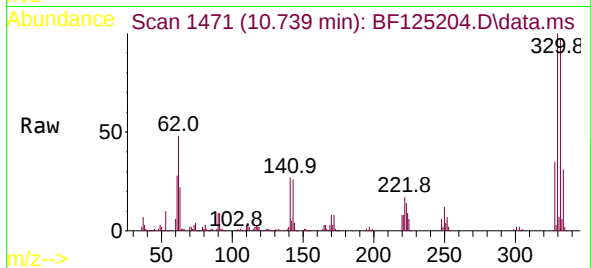




#42
2,4,6-Tribromophenol
Concen: 95.653 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

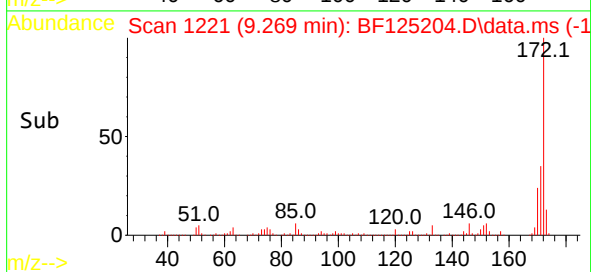
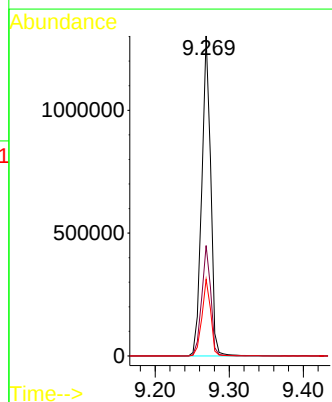
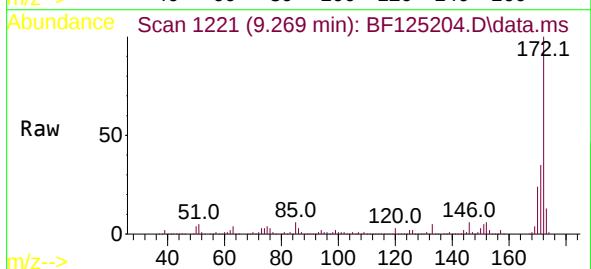
Instrument :
BNA_F
ClientSampled :
PE-5

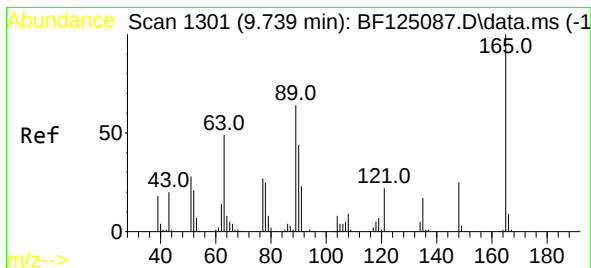
Tgt Ion: 330 Resp: 280887
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 31.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 51.922 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

Tgt Ion: 172 Resp: 1095915
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 24.0 18.8 28.2

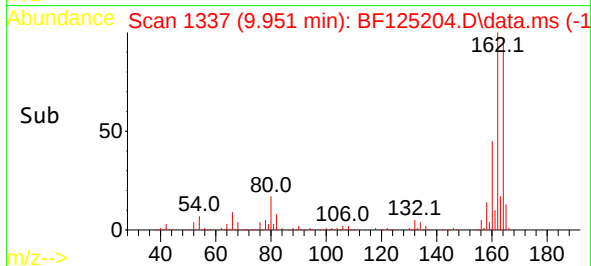
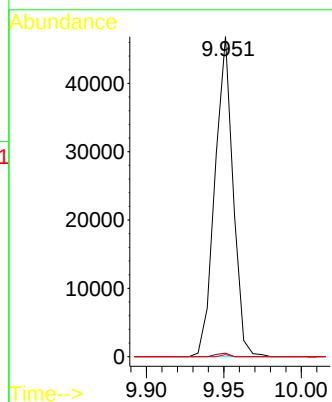
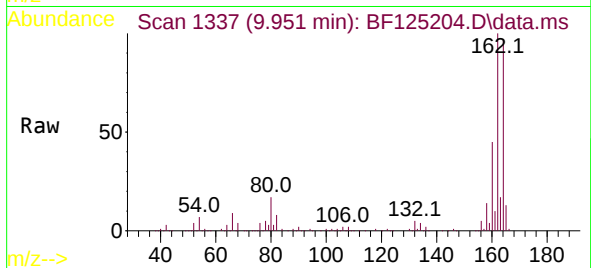




#51
2,6-Dinitrotoluene
Concen: 8.622 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

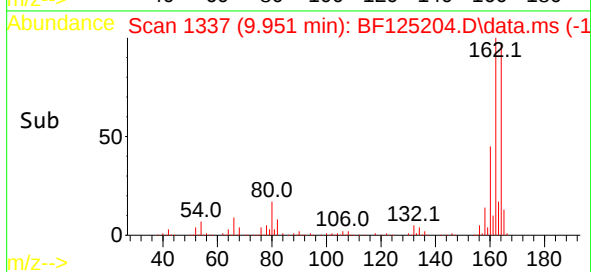
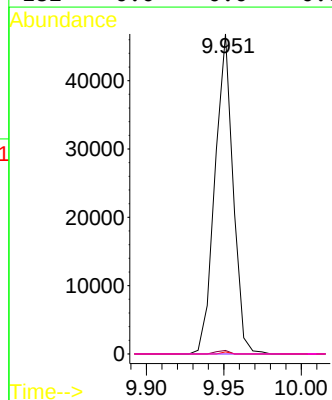
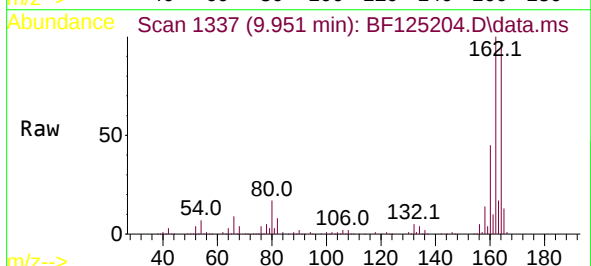
Instrument :
BNA_F
ClientSampled :
PE-5

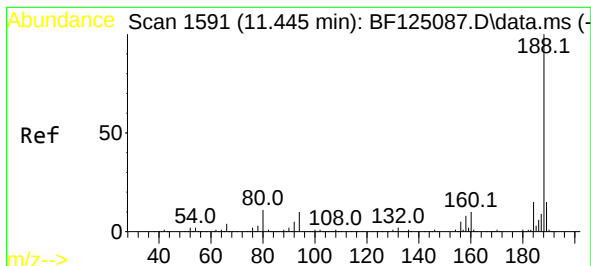
Tgt Ion:165 Resp: 38114
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 0.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.124 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

Tgt Ion:165 Resp: 38114
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 0.7 59.7 89.5#
182 0.0 0.0 0.0

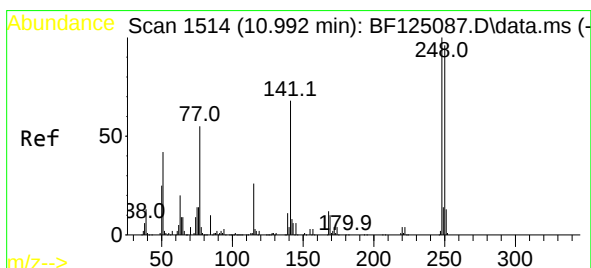
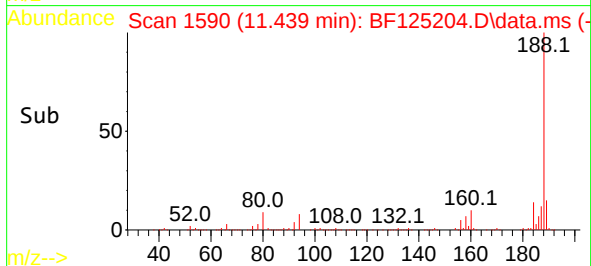
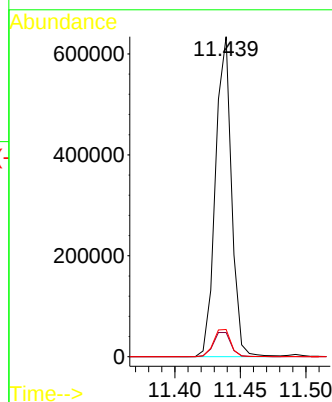
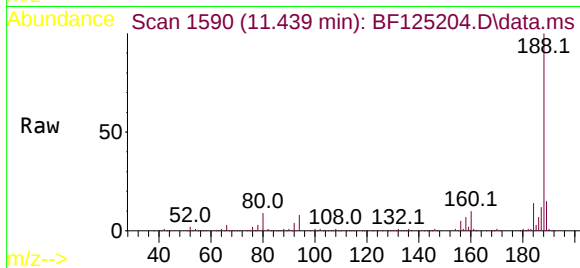




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

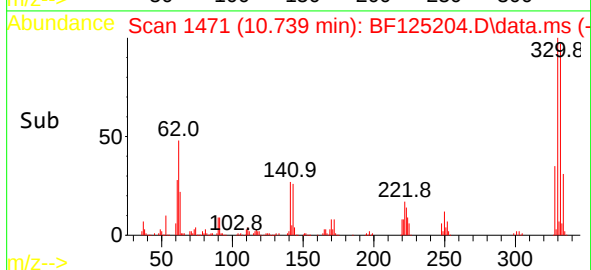
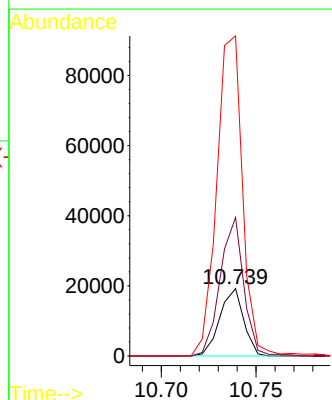
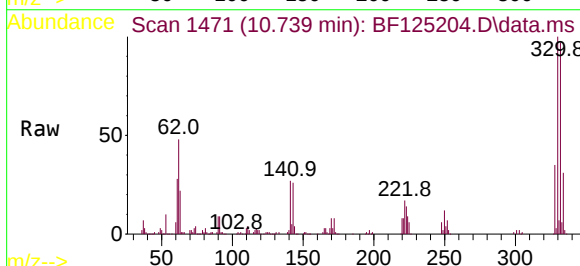
Instrument :
BNA_F
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PE-5

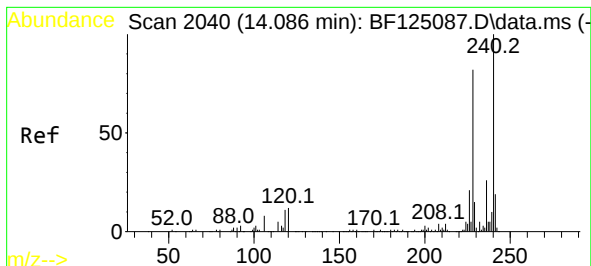
Tgt Ion:188 Resp: 539862
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.605 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

Tgt Ion:248 Resp: 16886
Ion Ratio Lower Upper
248 100
250 205.8 74.2 111.4#
141 475.4 60.4 90.6#

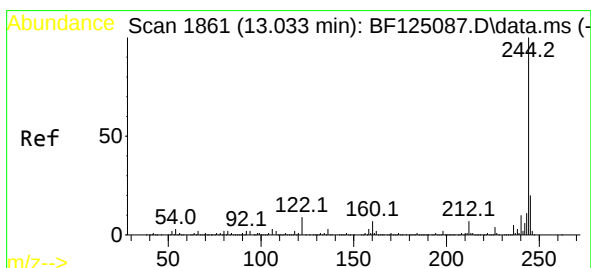
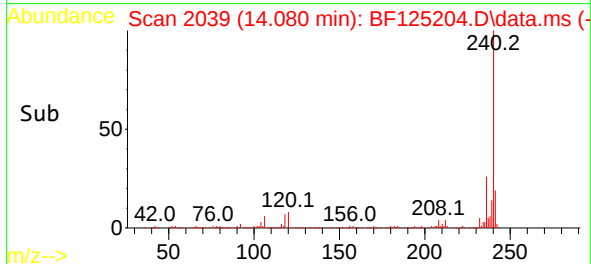
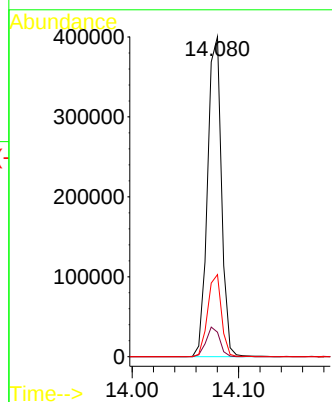
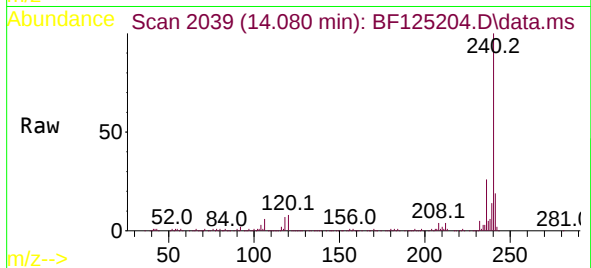




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

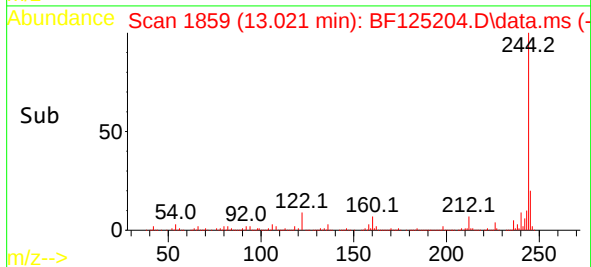
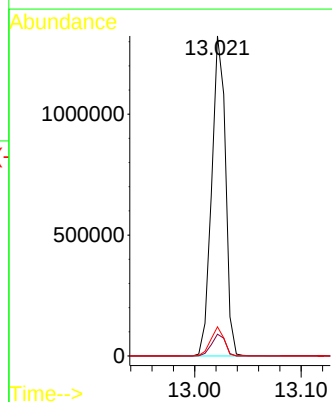
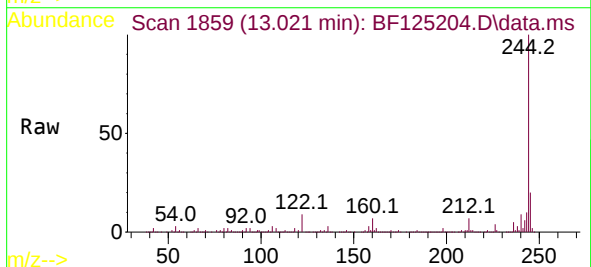
Instrument :
BNA_F
ClientSampled :
PE-5

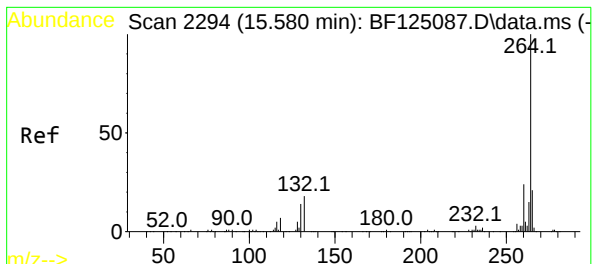
Tgt Ion:240 Resp: 364427
Ion Ratio Lower Upper
240 100
120 7.7 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 52.317 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125204.D
Acq: 25 Aug 2021 12:07

Tgt Ion:244 Resp: 1196776
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.1 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: BF125204.D
 Acq: 25 Aug 2021 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Tgt Ion:264 Resp: 317812
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.3 17.2 25.8

