

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125234.D
 Acq On : 26 Aug 2021 20:09
 Operator : JU/CG
 Sample : M3547-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-7

Quant Time: Aug 27 05:02:43 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)

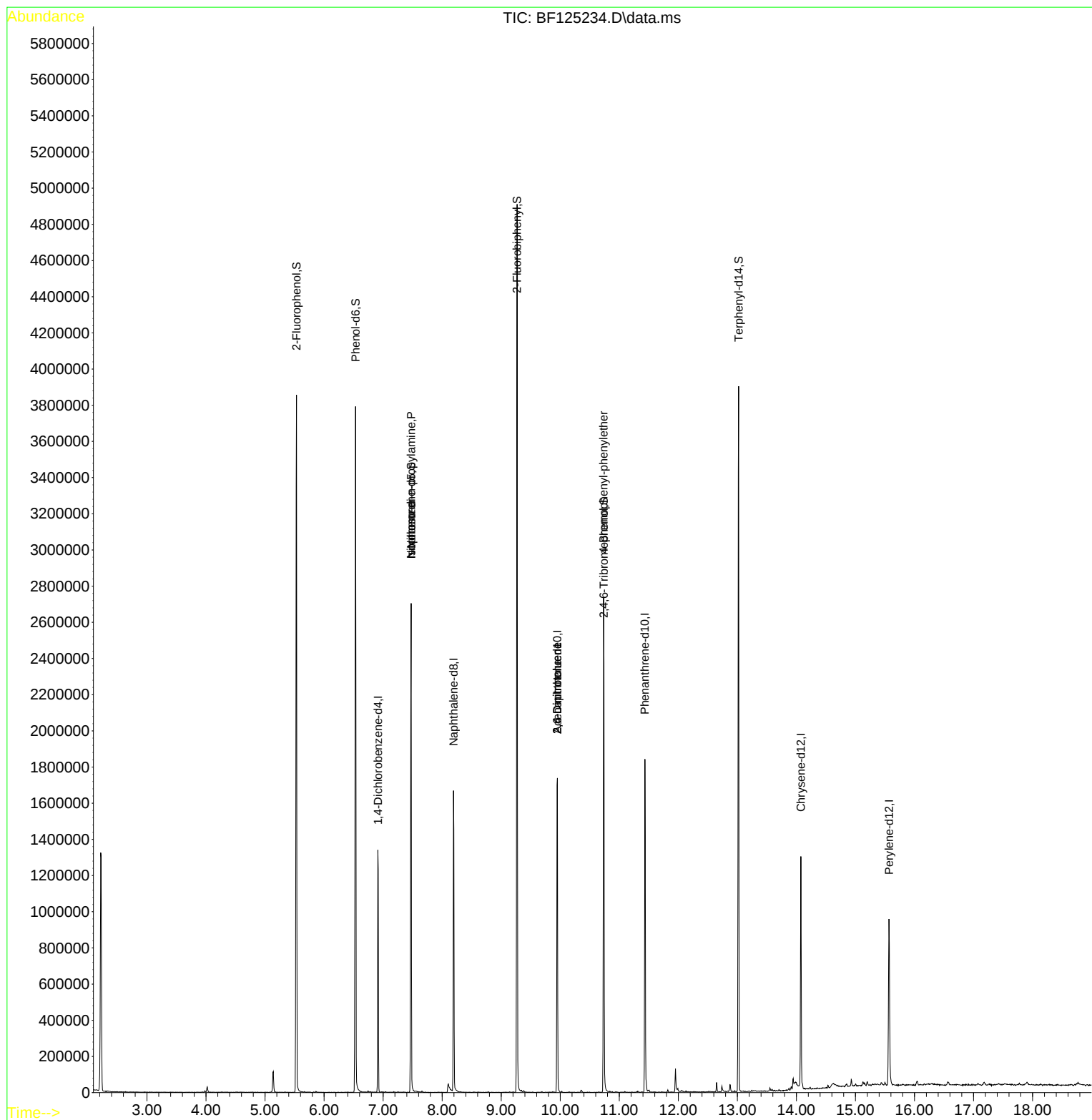
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	195984	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	739109	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	385747	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	679511	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	418447	20.000	ng	0.00
86) Perylene-d12	15.568	264	435244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	996232	76.940	ng	0.00
7) Phenol-d6	6.533	99	1268713	75.761	ng	0.00
23) Nitrobenzene-d5	7.475	82	811048	55.244	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	352449	91.531	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1422257	51.387	ng	0.00
79) Terphenyl-d14	13.021	244	1371593	52.219	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	110336	10.954	ng	# 56
25) Isophorone	7.475	82	811031	28.636	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	49143	8.478	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	49143	7.005	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	22019	2.698	ng	# 1

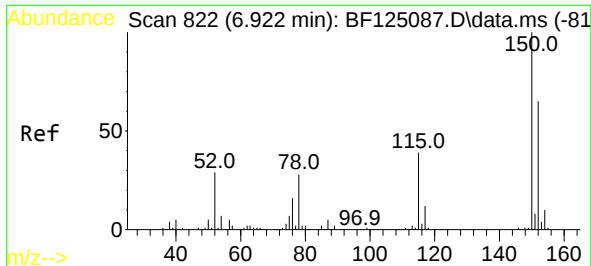
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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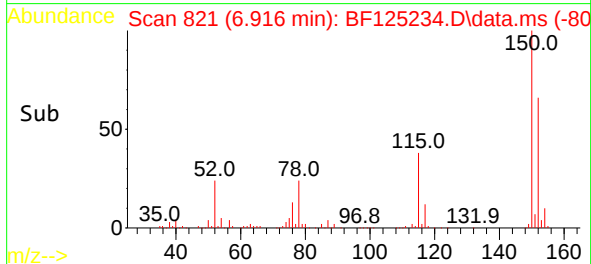
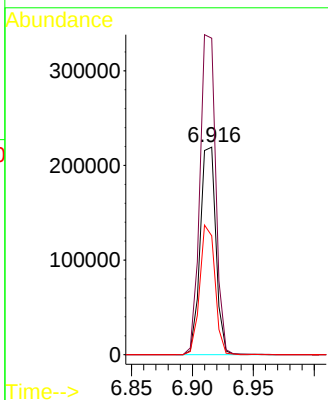
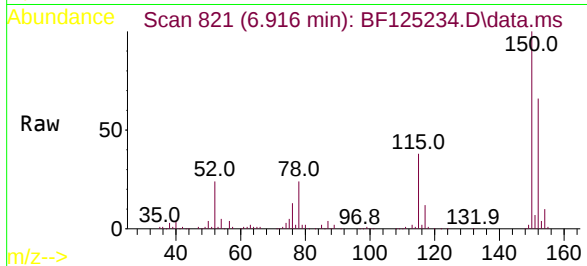




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

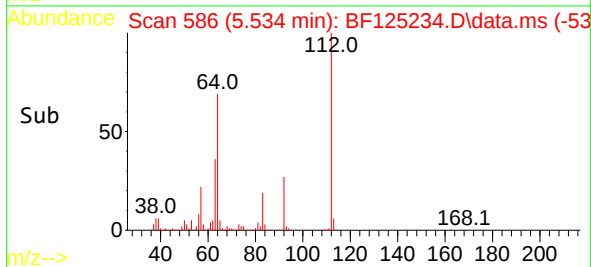
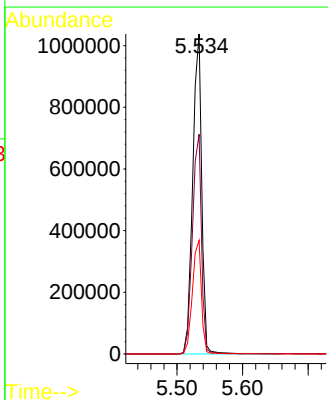
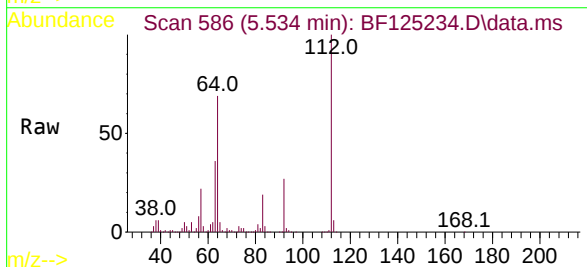
Instrument :
BNA_F
ClientSampled :
PE-7

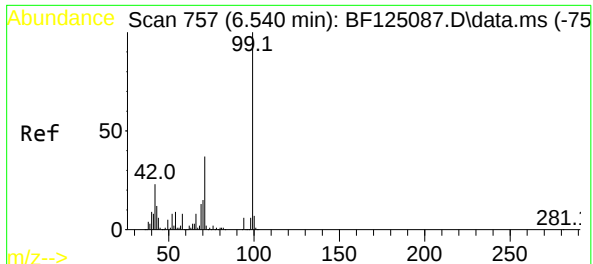
Tgt Ion:152 Resp: 195984
Ion Ratio Lower Upper
152 100
150 152.4 117.6 176.4
115 57.2 47.1 70.7



#5
2-Fluorophenol
Concen: 76.940 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

Tgt Ion:112 Resp: 996232
Ion Ratio Lower Upper
112 100
64 68.6 44.2 66.2#
63 35.5 26.2 39.2

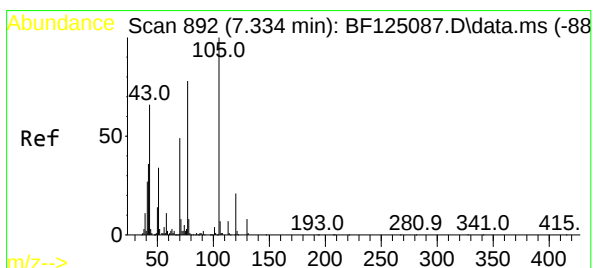
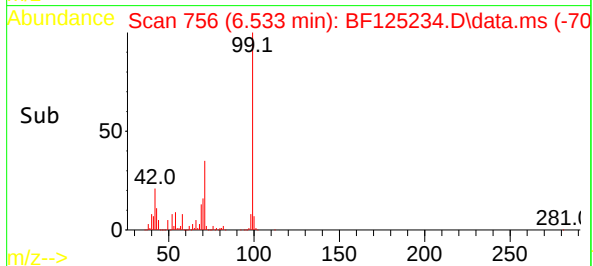
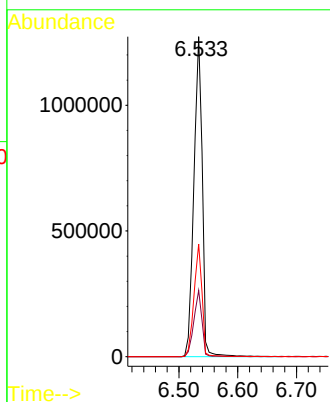
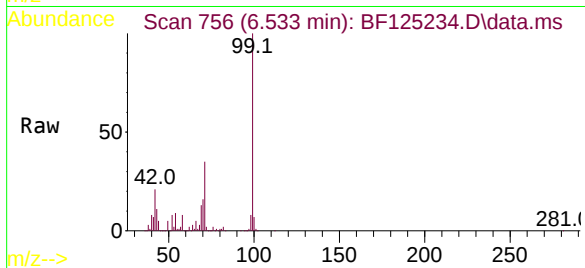




#7
Phenol-d6
Concen: 75.761 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

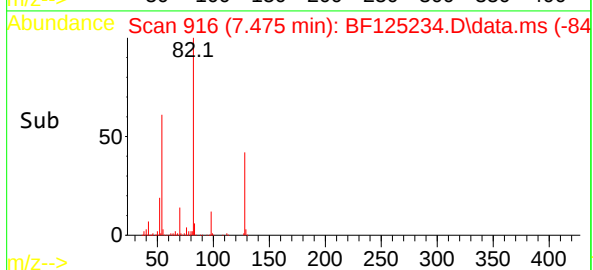
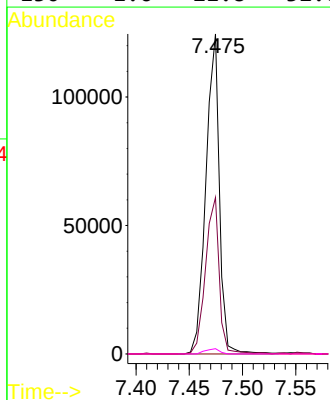
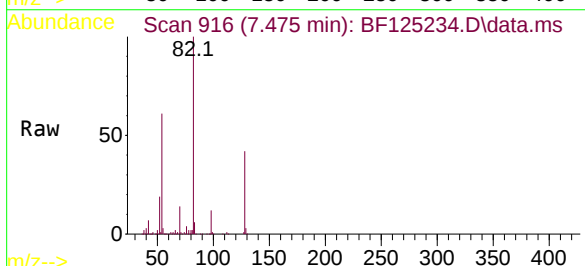
Instrument :
BNA_F
ClientSampleId :
PE-7

Tgt Ion: 99 Resp: 1268713
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 35.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.954 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

Tgt Ion: 70 Resp: 110336
Ion Ratio Lower Upper
70 100
42 48.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

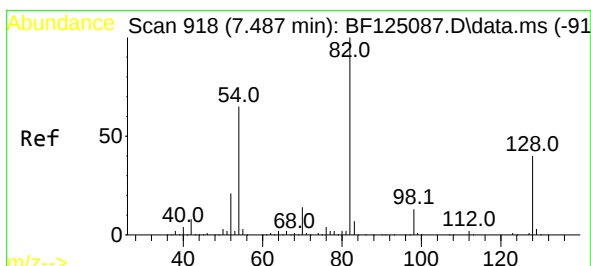
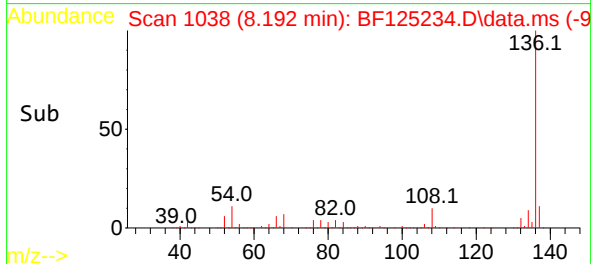
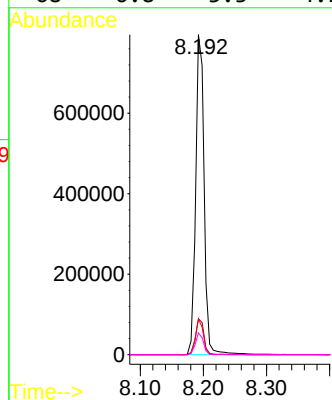
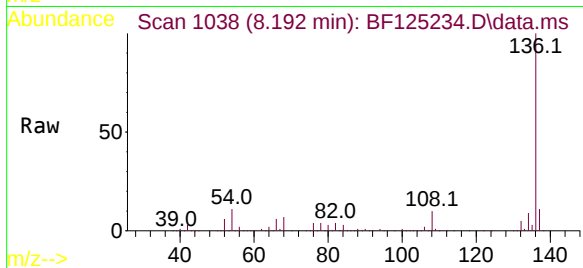




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

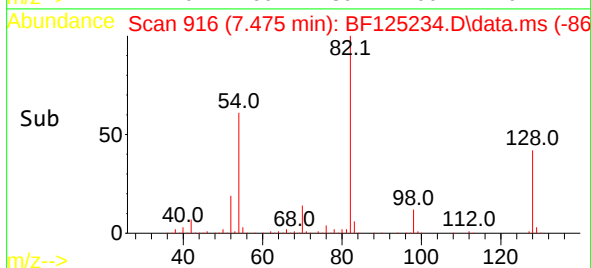
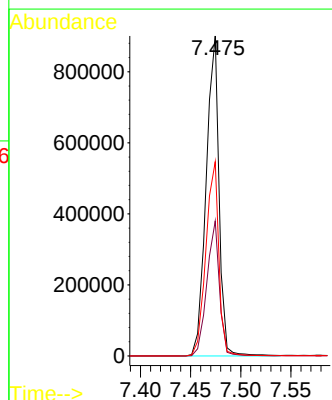
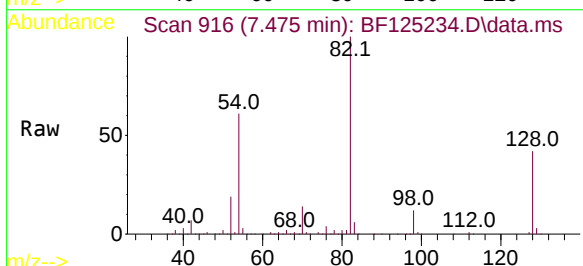
Instrument :
BNA_F
ClientSampled :
PE-7

Tgt Ion:	136	Resp:	739109
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	11.2	6.4	9.6#
68	6.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 55.244 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

Tgt Ion:	82	Resp:	811048
Ion	Ratio	Lower	Upper
82	100		
128	42.2	40.6	60.8
54	60.7	49.6	74.4

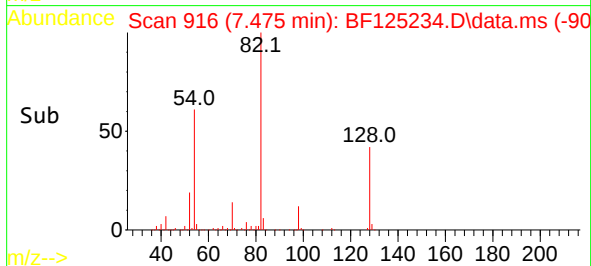
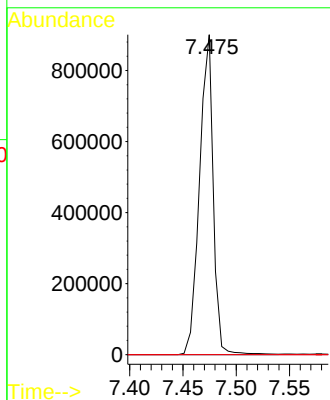
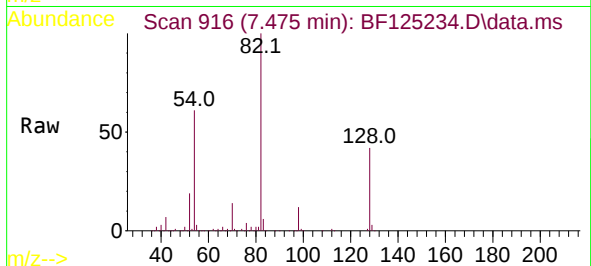




#25
Isophorone
Concen: 28.636 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

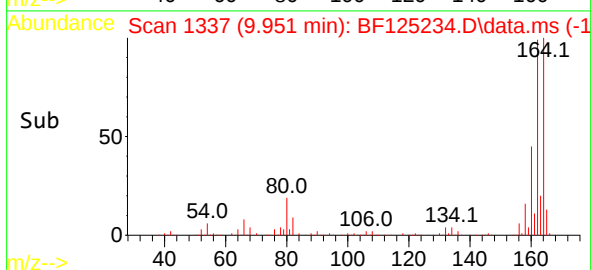
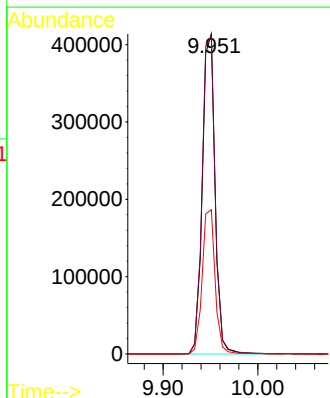
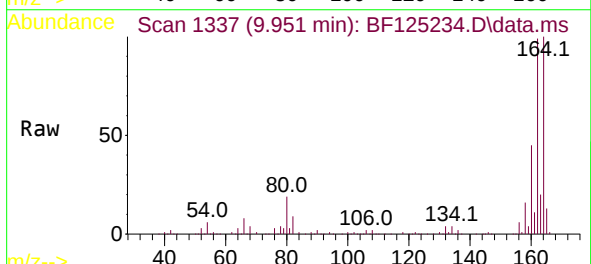
Instrument :
BNA_F
ClientSampled :
PE-7

Tgt Ion: 82 Resp: 811031
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: BF125234.D
Acq: 26 Aug 2021 20:09

Tgt Ion: 164 Resp: 385747
Ion Ratio Lower Upper
164 100
162 99.4 81.3 121.9
160 45.1 38.0 57.0

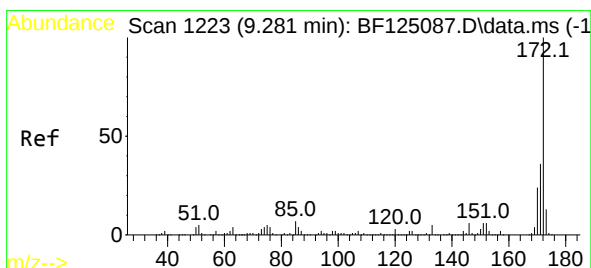
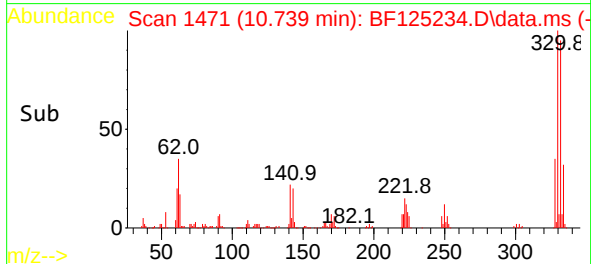
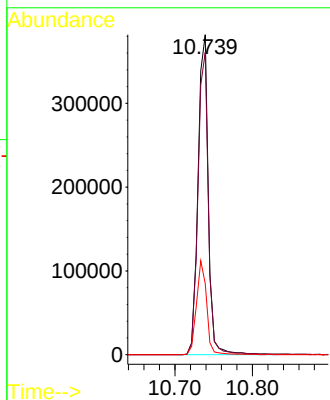
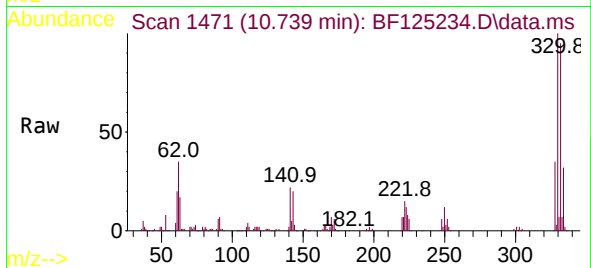




#42
2,4,6-Tribromophenol
Concen: 91.531 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

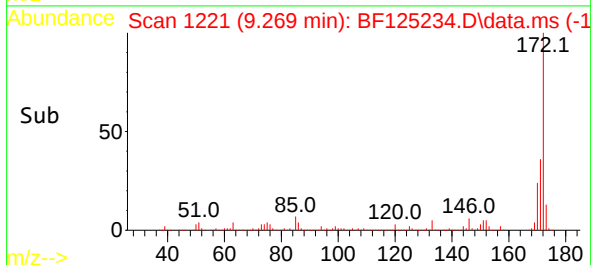
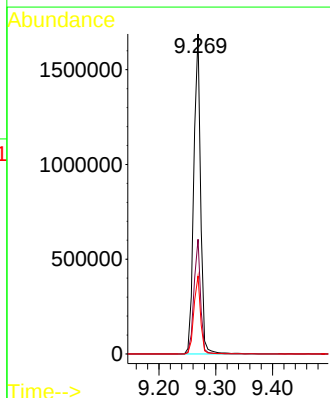
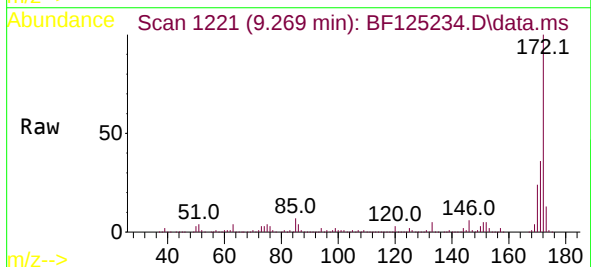
Instrument :
BNA_F
ClientSampleId :
PE-7

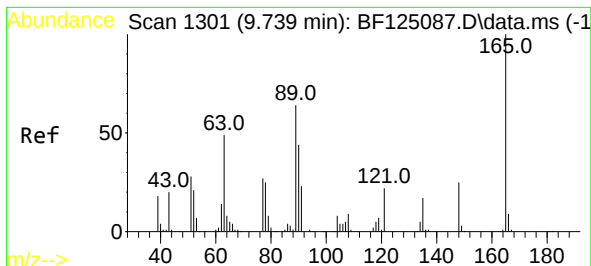
Tgt Ion:330 Resp: 352449
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 29.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 51.387 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

Tgt Ion:172 Resp: 1422257
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.3 18.8 28.2

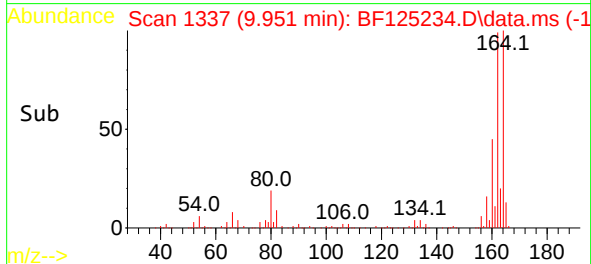
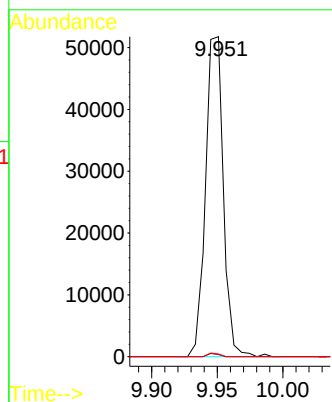
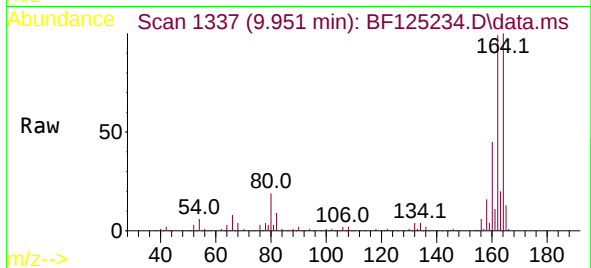




#51
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

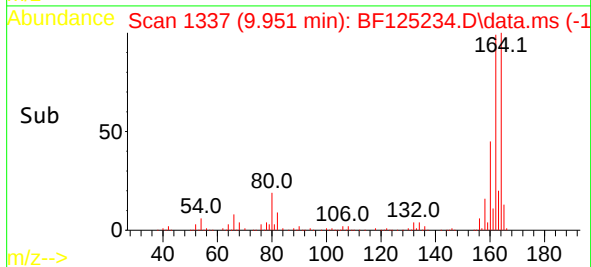
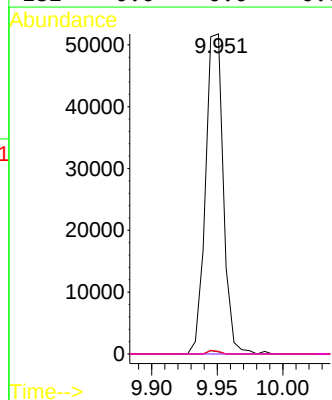
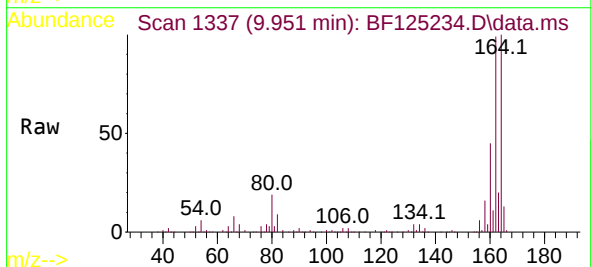
Instrument :
BNA_F
ClientSampled :
PE-7

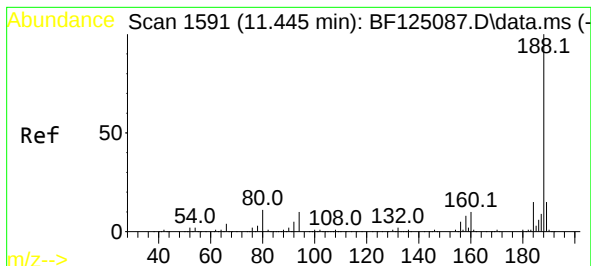
Tgt Ion:165 Resp: 49143
Ion Ratio Lower Upper
165 100
63 0.6 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.005 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

Tgt Ion:165 Resp: 49143
Ion Ratio Lower Upper
165 100
63 0.6 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

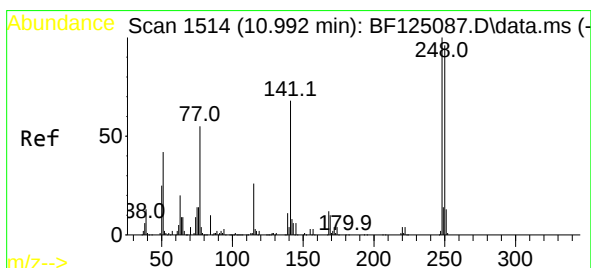
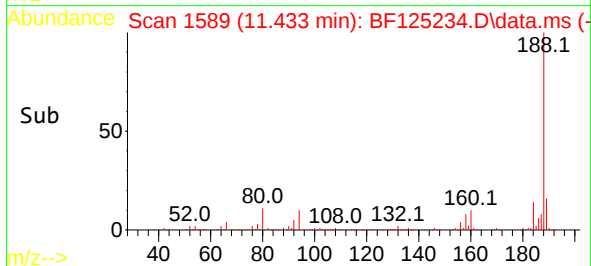
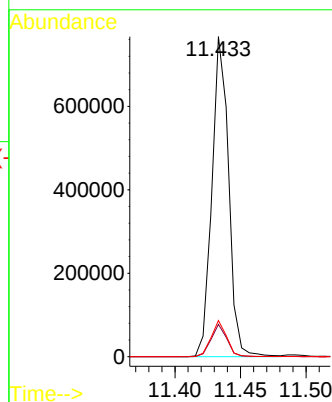
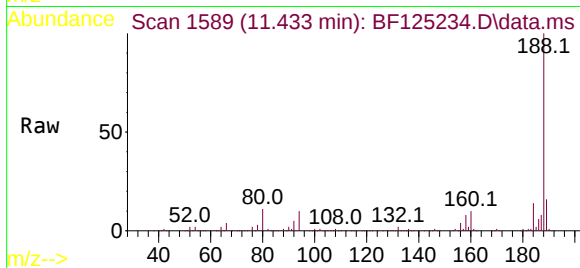




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

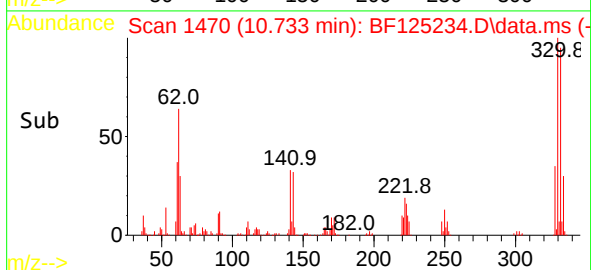
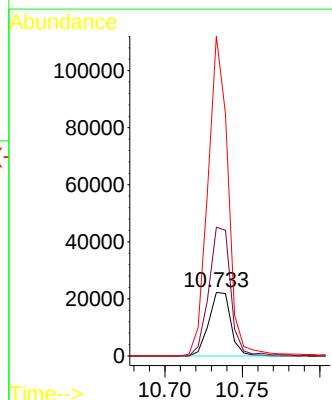
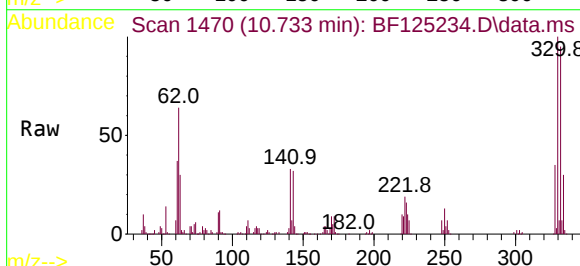
Instrument :
BNA_F
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PE-7

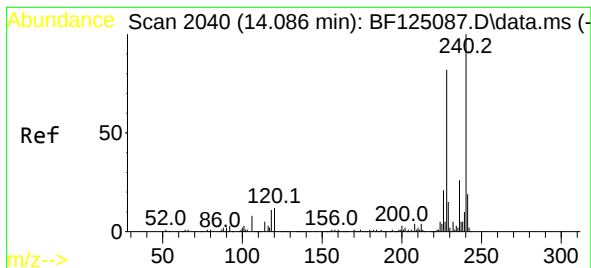
Tgt Ion:188 Resp: 679511
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 11.3 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.698 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

Tgt Ion:248 Resp: 22019
Ion Ratio Lower Upper
248 100
250 202.4 74.2 111.4#
141 503.6 60.4 90.6#

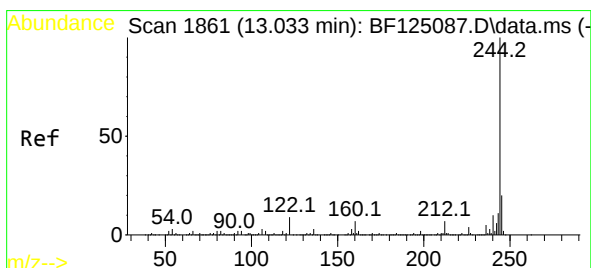
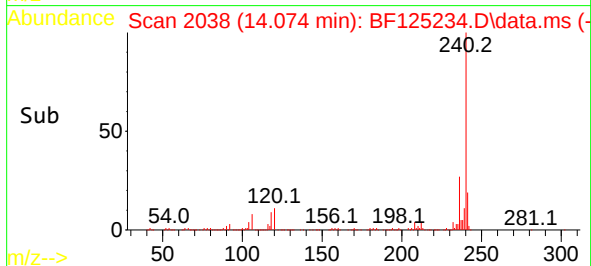
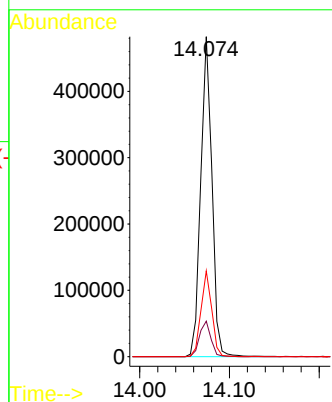
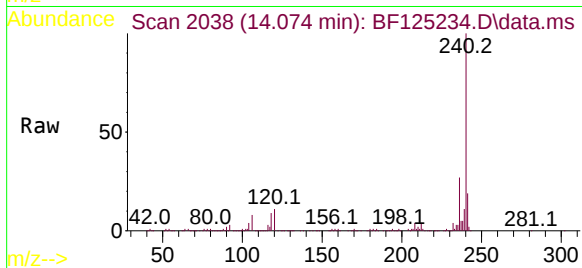




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

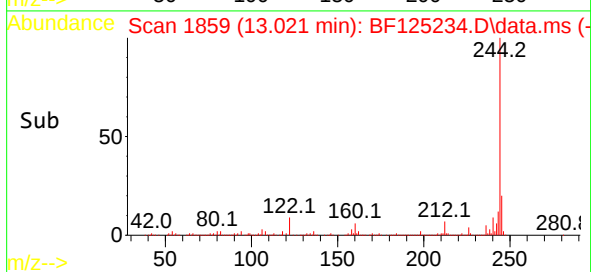
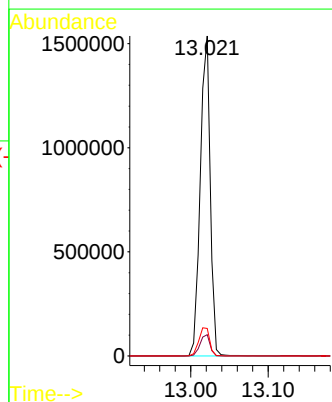
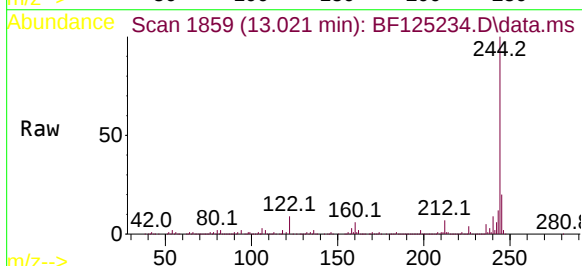
Instrument :
BNA_F
ClientSampled :
PE-7

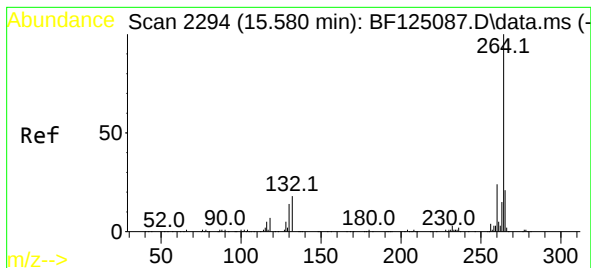
Tgt Ion:240 Resp: 418447
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 26.8 21.6 32.4



#79
Terphenyl-d14
Concen: 52.219 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

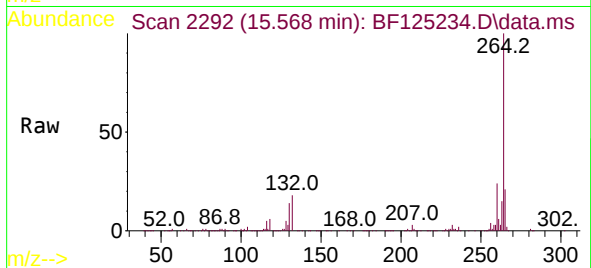
Tgt Ion:244 Resp: 1371593
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.6 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BF125234.D
Acq: 26 Aug 2021 20:09

Instrument :
BNA_F
ClientSampleId :
PE-7



Tgt Ion:264 Resp: 435244

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.3	17.2	25.8

