

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125122.D
 Acq On : 19 Aug 2021 19:25
 Operator : JU/CG
 Sample : M3430-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-6

Quant Time: Aug 20 02:53:16 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

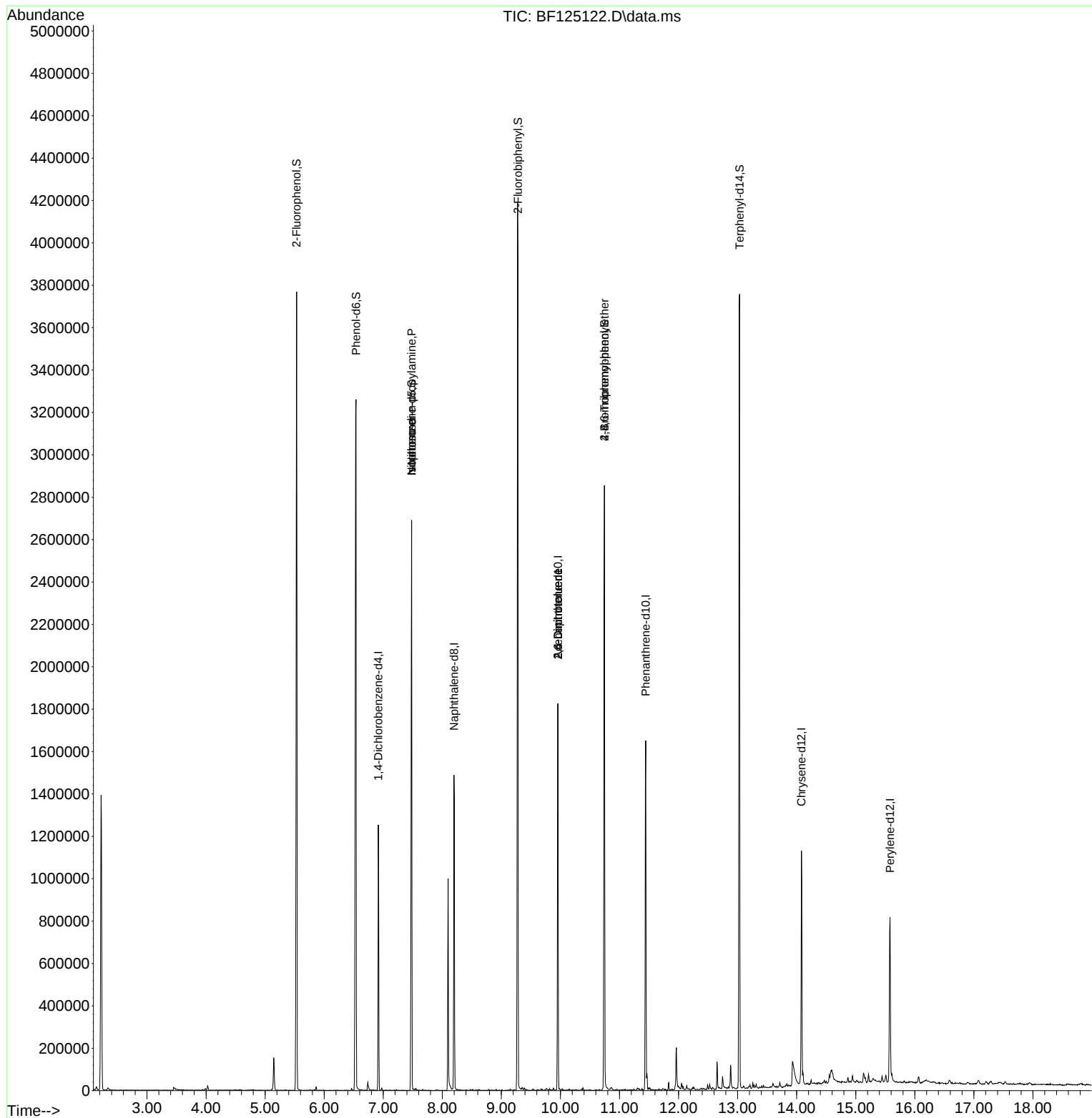
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	163439	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	638772	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	335756	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	603378	20.000	ng	0.00
76) Chrysene-d12	14.080	240	368707	20.000	ng	0.00
86) Perylene-d12	15.580	264	353793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	968970	89.736	ng	0.00
7) Phenol-d6	6.539	99	1216992	87.144	ng	0.00
23) Nitrobenzene-d5	7.480	82	809839	63.826	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	341025	101.750	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1373537	57.016	ng	0.00
79) Terphenyl-d14	13.033	244	1417935	61.265	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.480	70	109758	13.067	ng	# 60
25) Isophorone	7.480	82	809826	33.085	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	43321	8.587	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	43321	7.095	ng	# 19
67) 4-Bromophenyl-phenylether	10.745	248	22341	3.083	ng	# 1

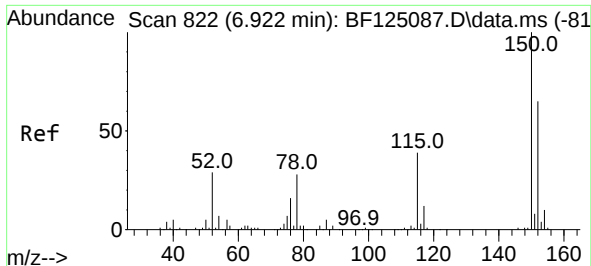
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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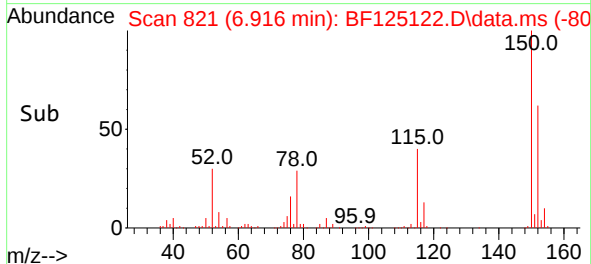
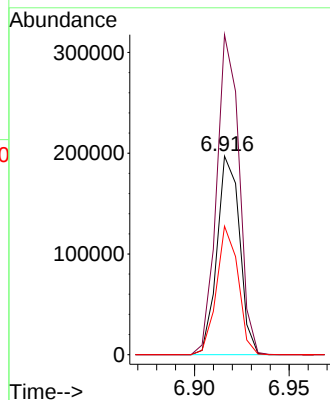
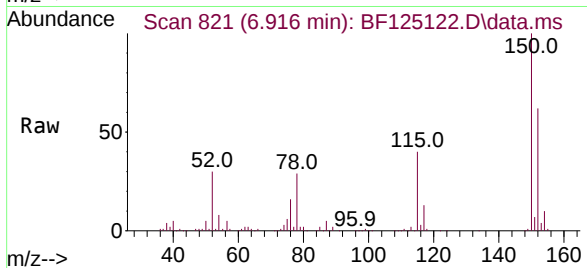




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

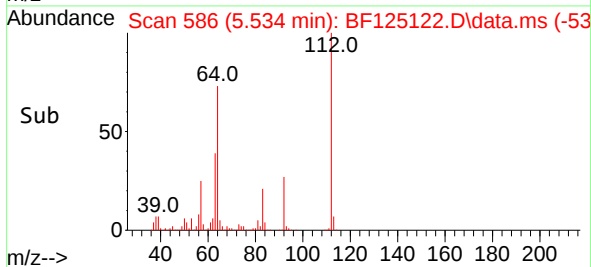
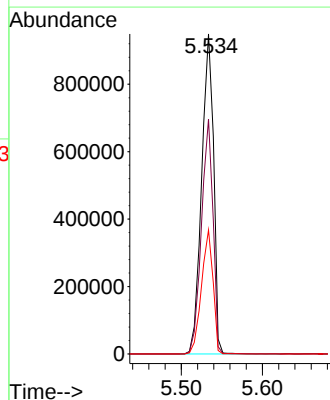
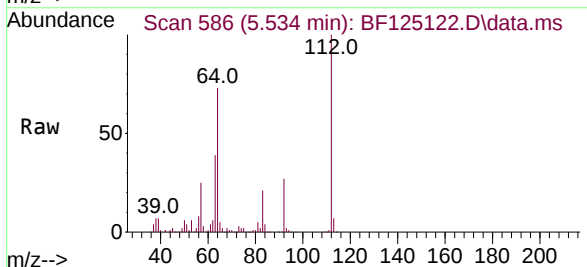
Instrument :
BNA_F
ClientSampleId :
PE-6

Tgt Ion:152 Resp: 163439
Ion Ratio Lower Upper
152 100
150 161.1 117.6 176.4
115 64.7 47.1 70.7



#5
2-Fluorophenol
Concen: 89.736 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

Tgt Ion:112 Resp: 968970
Ion Ratio Lower Upper
112 100
64 73.4 44.2 66.2#
63 38.7 26.2 39.2

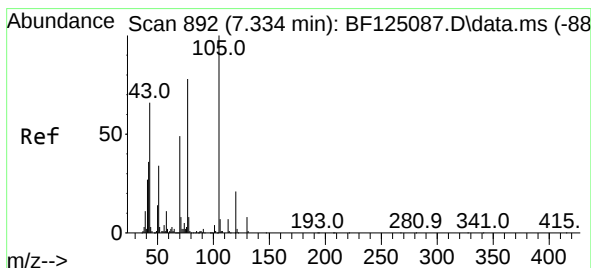
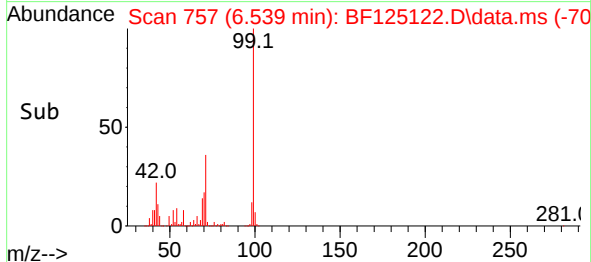
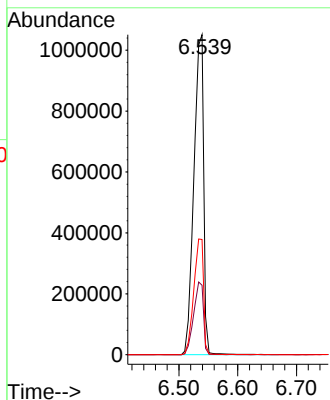
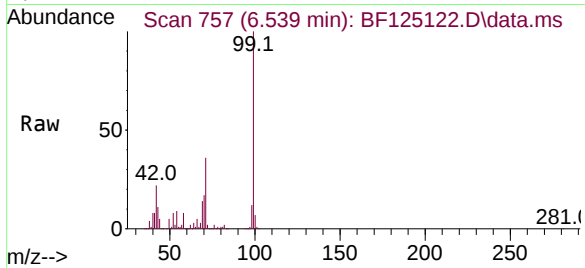




#7
Phenol-d6
Concen: 87.144 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

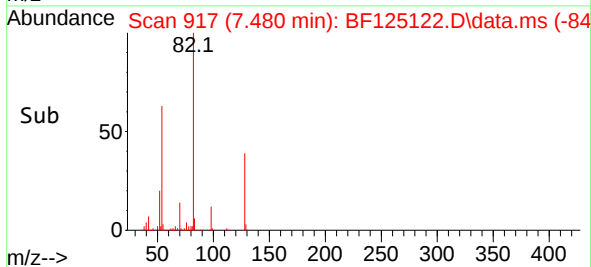
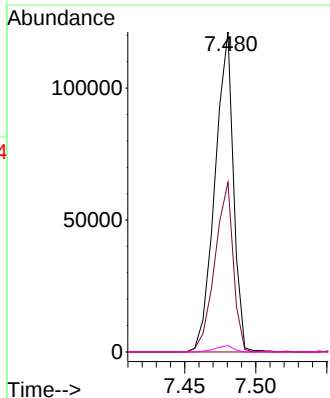
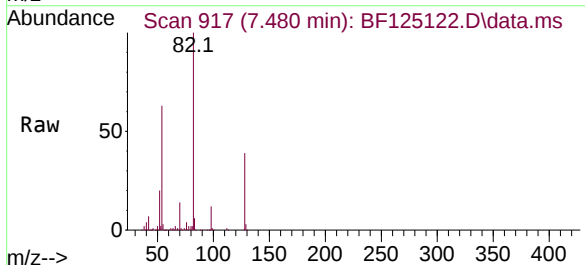
Instrument :
BNA_F
ClientSampleId :
PE-6

Tgt Ion: 99 Resp: 1216992
Ion Ratio Lower Upper
99 100
42 21.7 23.5 35.3#
71 36.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.067 ng
RT: 7.480 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

Tgt Ion: 70 Resp: 109758
Ion Ratio Lower Upper
70 100
42 53.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

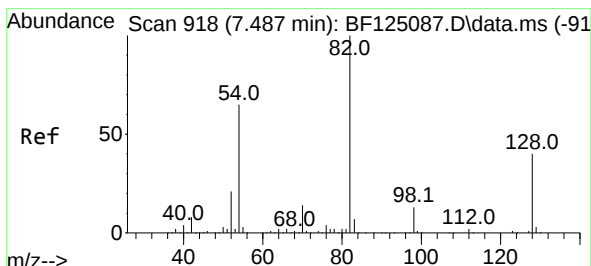
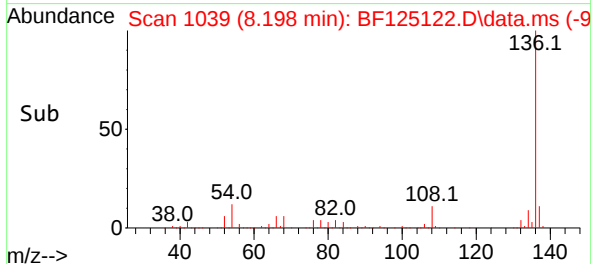
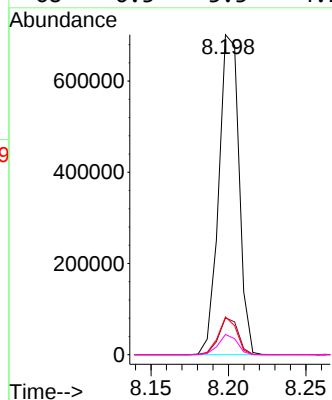
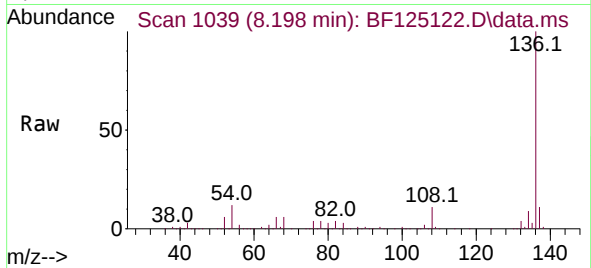




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

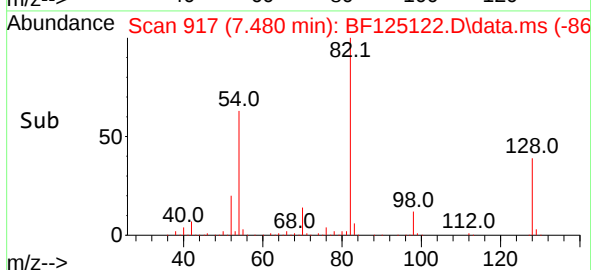
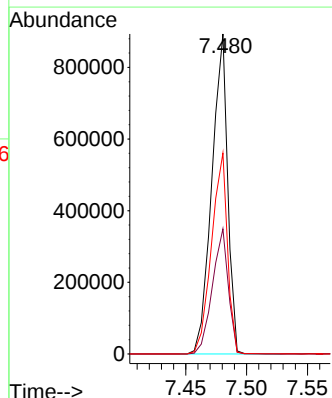
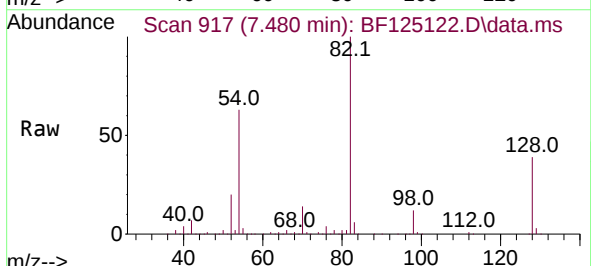
Instrument :
BNA_F
ClientSampled :
PE-6

Tgt Ion:136	Resp: 638772
Ion Ratio	Lower Upper
136 100	
137 11.5	9.8 14.6
54 11.8	6.4 9.6#
68 6.3	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 63.826 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

Tgt Ion: 82	Resp: 809839
Ion Ratio	Lower Upper
82 100	
128 39.1	40.6 60.8#
54 62.8	49.6 74.4

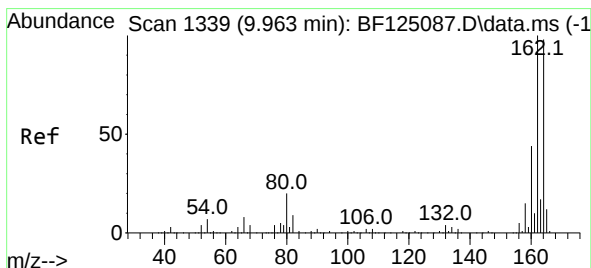
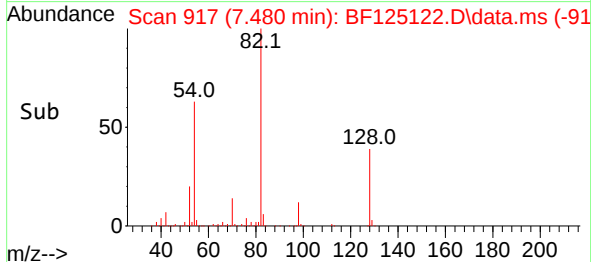
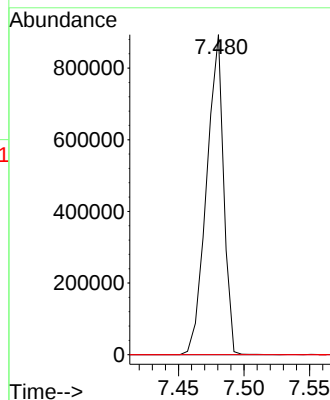
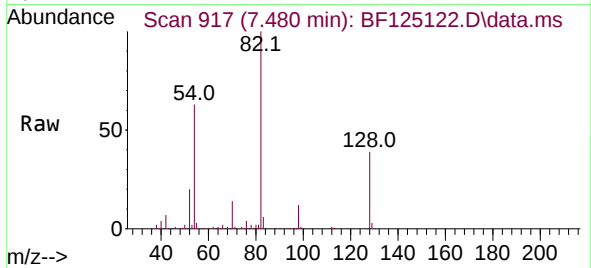




#25
Isophorone
Concen: 33.085 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

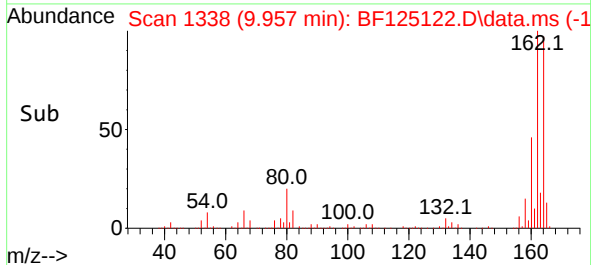
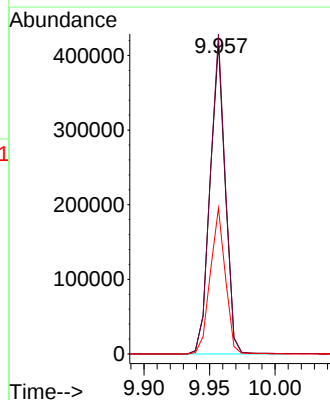
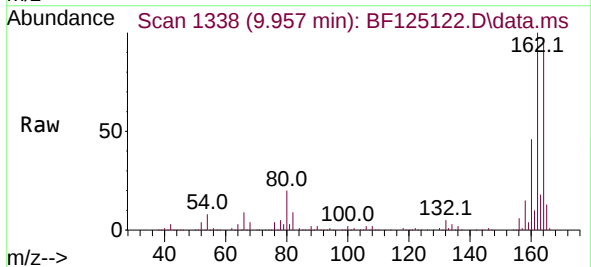
Instrument :
BNA_F
ClientSampleId :
PE-6

Tgt Ion: 82 Resp: 809826
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: BF125122.D
Acq: 19 Aug 2021 19:25

Tgt Ion: 164 Resp: 335756
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 46.9 38.0 57.0

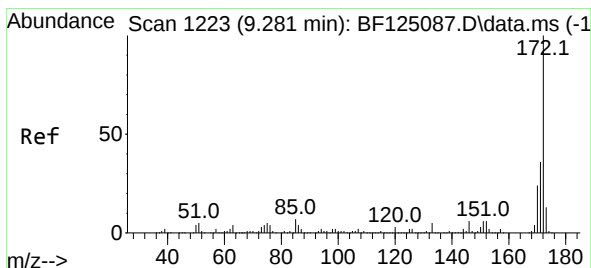
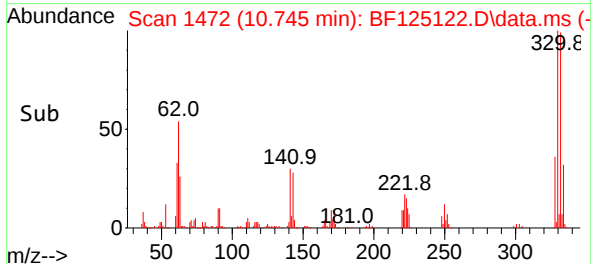
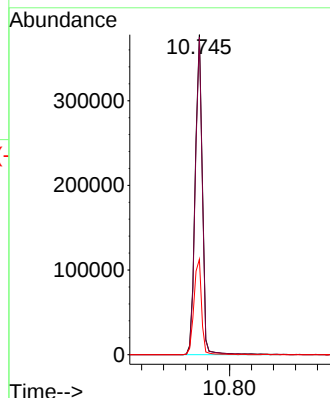
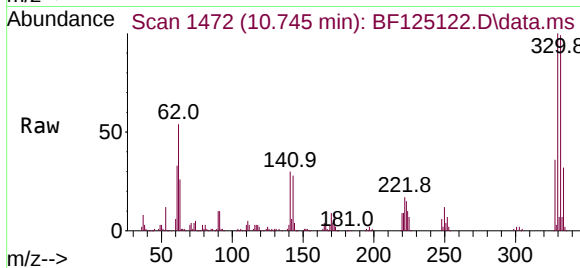




#42
2,4,6-Tribromophenol
Concen: 101.750 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

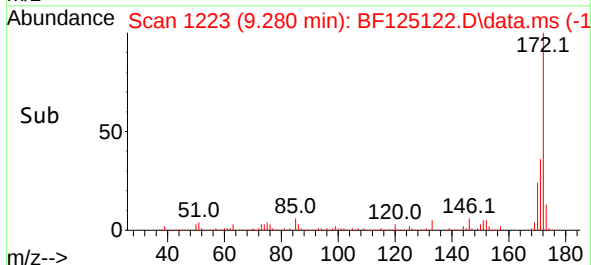
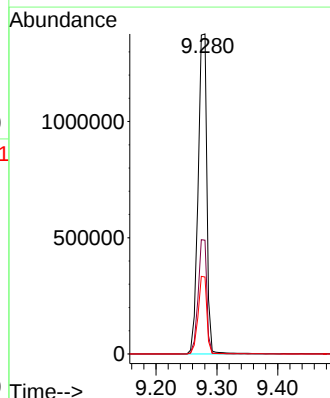
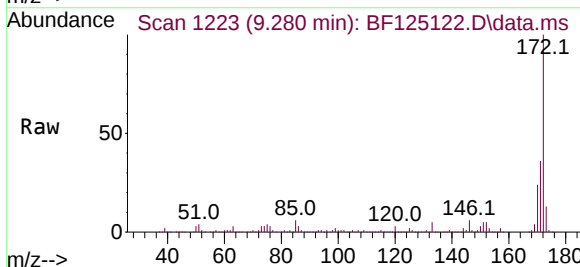
Instrument :
BNA_F
ClientSampled :
PE-6

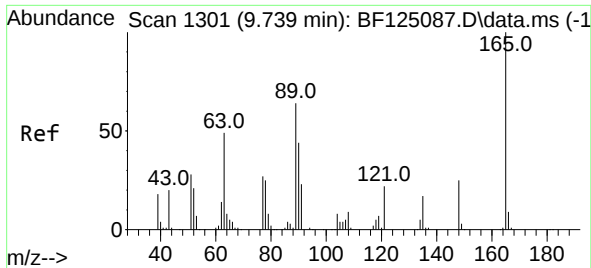
Tgt Ion: 330 Resp: 341025
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 31.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 57.016 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

Tgt Ion: 172 Resp: 1373537
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.0 18.8 28.2

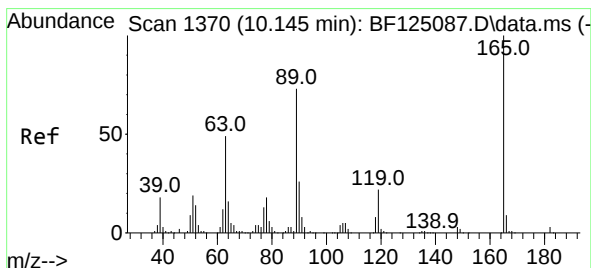
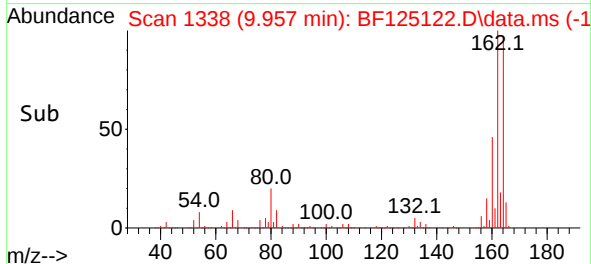
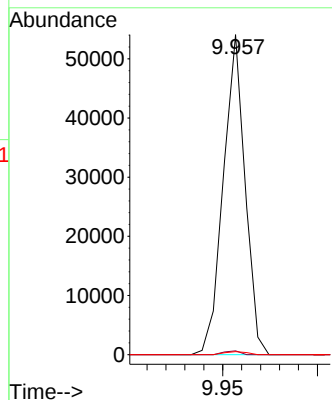
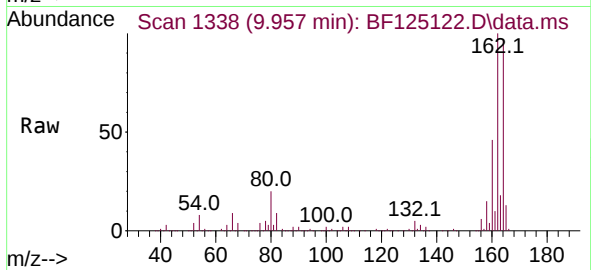




#51
2,6-Dinitrotoluene
Concen: 8.587 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

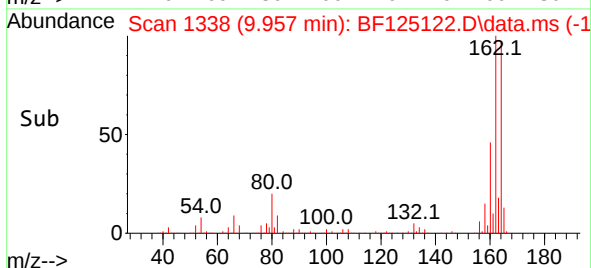
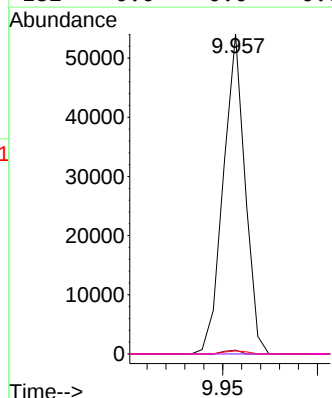
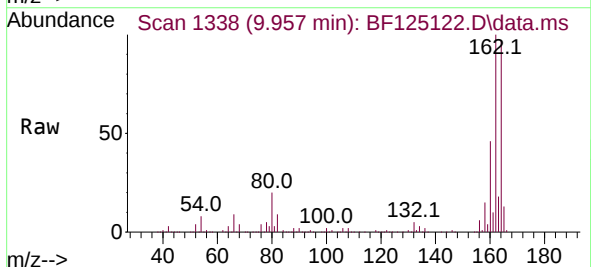
Instrument :
BNA_F
ClientSampled :
PE-6

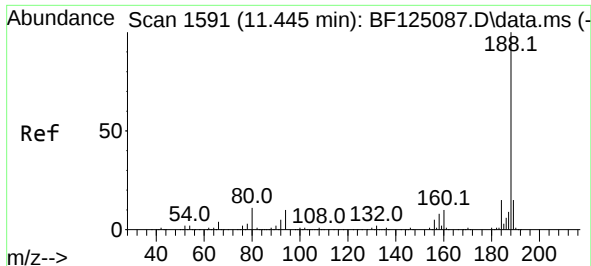
Tgt Ion:165 Resp: 43321
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.095 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

Tgt Ion:165 Resp: 43321
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

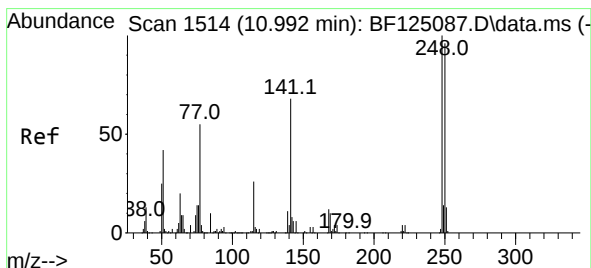
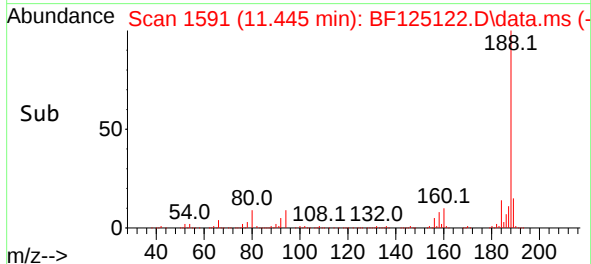
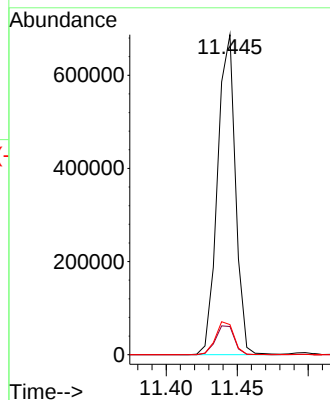
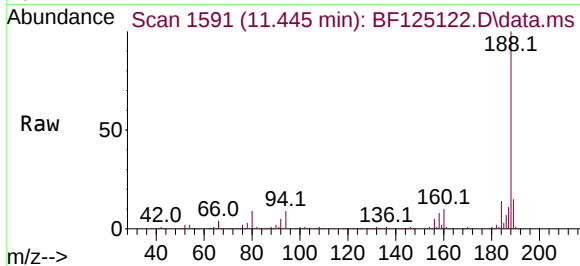




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

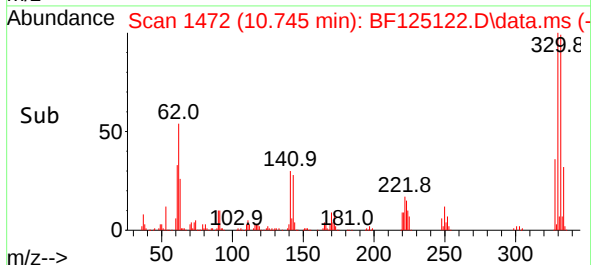
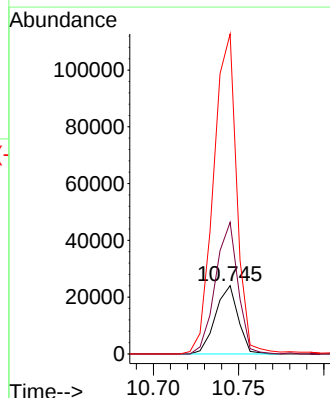
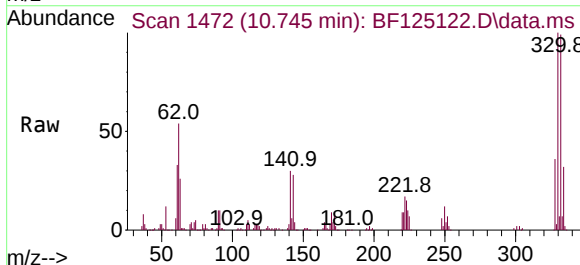
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PE-6

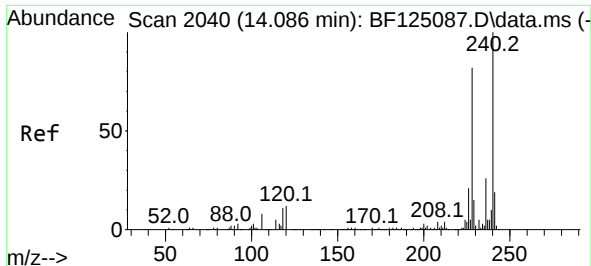
Tgt Ion:188 Resp: 603378
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.083 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

Tgt Ion:248 Resp: 22341
Ion Ratio Lower Upper
248 100
250 192.5 74.2 111.4#
141 467.9 60.4 90.6#

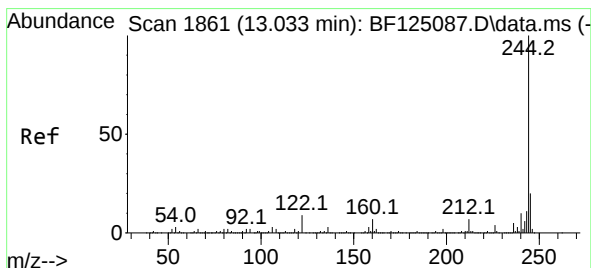
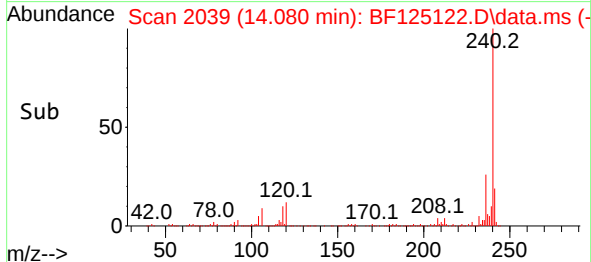
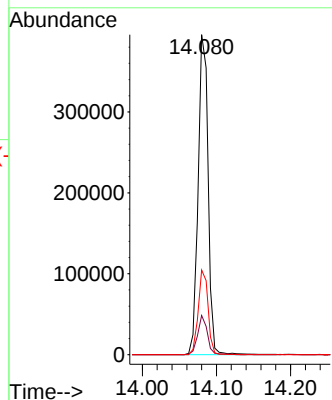
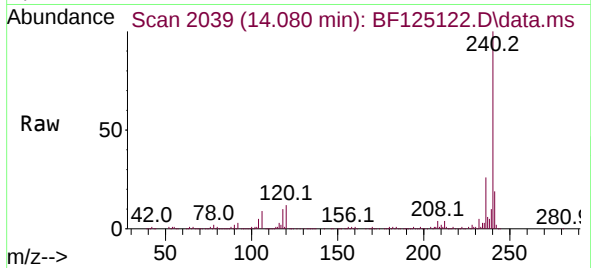




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

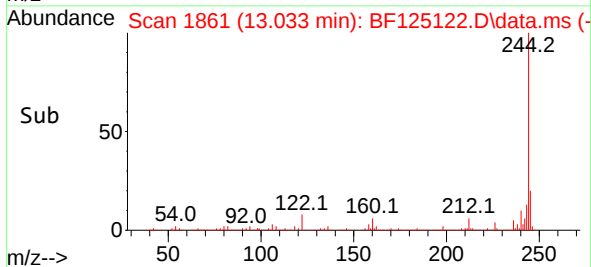
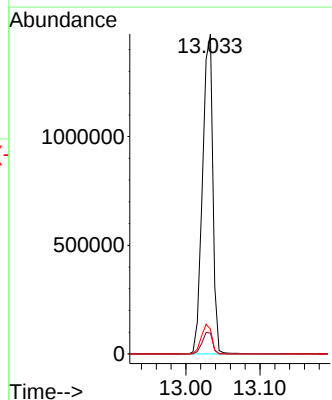
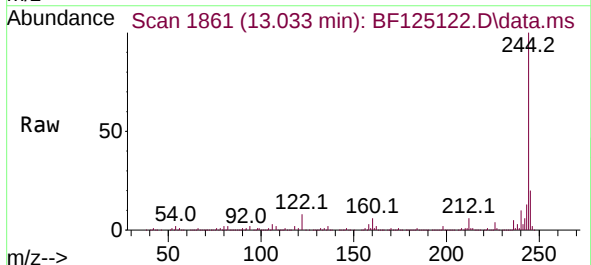
Instrument :
BNA_F
ClientSampled :
PE-6

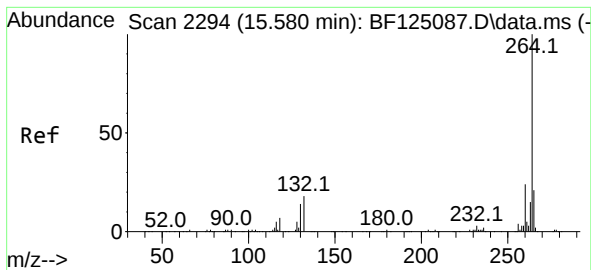
Tgt Ion:240 Resp: 368707
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 26.5 21.6 32.4



#79
Terphenyl-d14
Concen: 61.265 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125122.D
Acq: 19 Aug 2021 19:25

Tgt Ion:244 Resp: 1417935
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 7.8 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: BF125122.D
 Acq: 19 Aug 2021 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PE-6

Tgt Ion:264 Resp: 353793
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 21.2 17.2 25.8

