

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125111.D
 Acq On : 19 Aug 2021 13:22
 Operator : JU/CG
 Sample : M3442-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 210812088-01

Quant Time: Aug 19 15:50:20 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

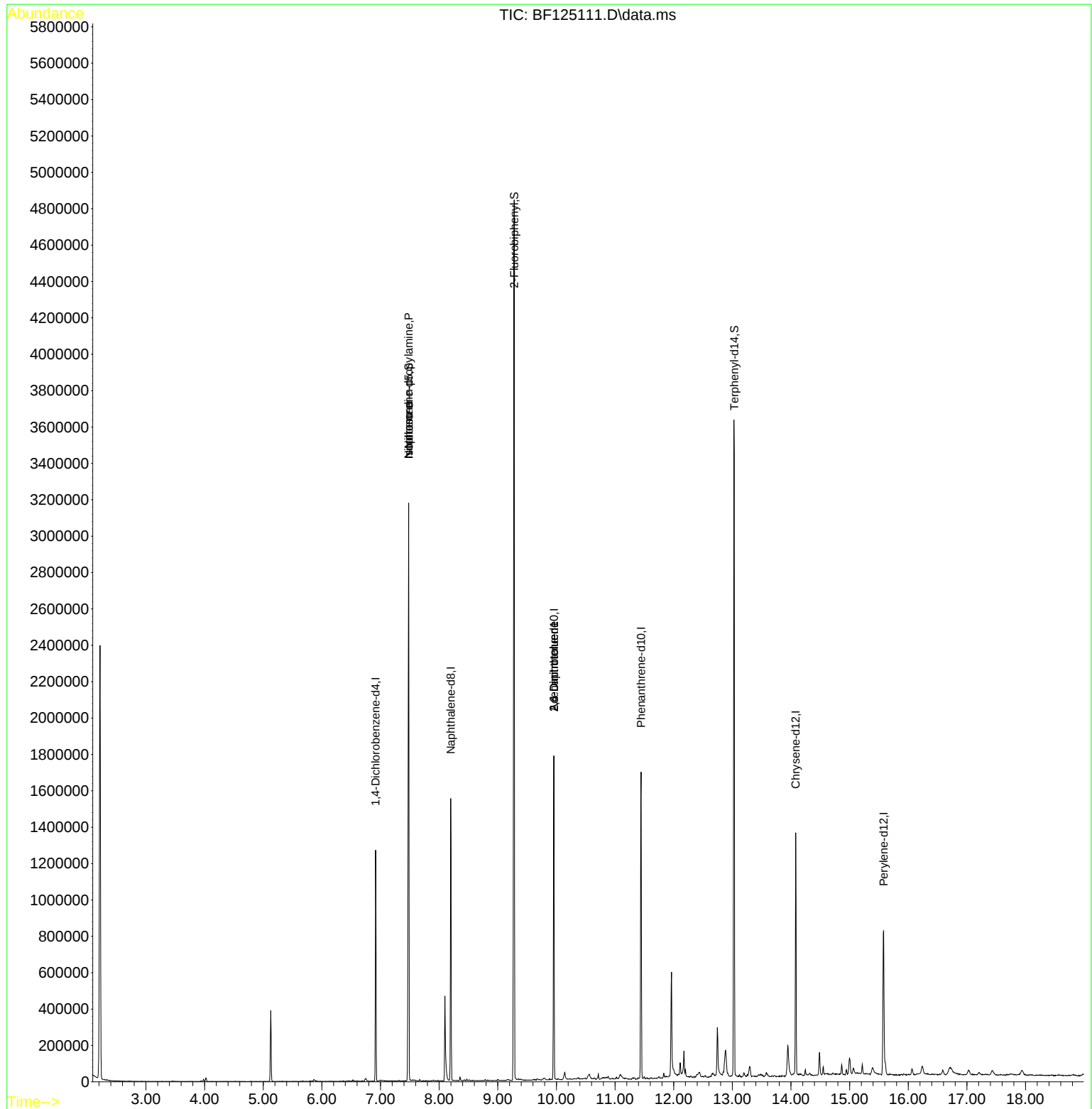
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	163694	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	630831	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	338720	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	619427	20.000	ng	0.00
76) Chrysene-d12	14.080	240	439215	20.000	ng	0.00
86) Perylene-d12	15.580	264	354515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	6.522	99	1563	0.112	ng	-0.02
23) Nitrobenzene-d5	7.481	82	998297	79.670	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.280	172	1643945	67.643	ng	0.00
79) Terphenyl-d14	13.033	244	1360189	49.336	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	135529	16.109	ng	# 59
25) Isophorone	7.481	82	996556	41.226	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	43484	8.543	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	43484	7.059	ng	# 19

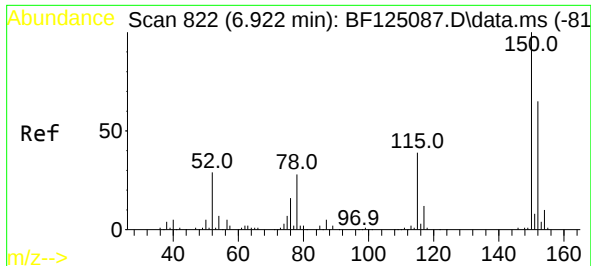
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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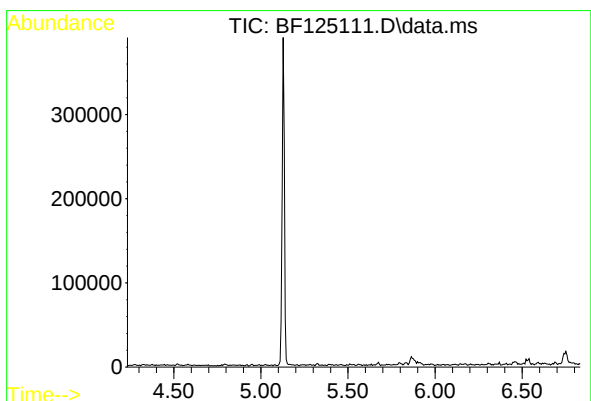
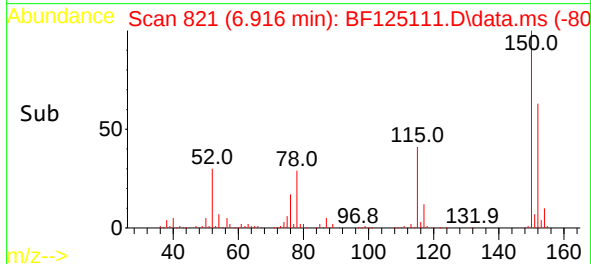
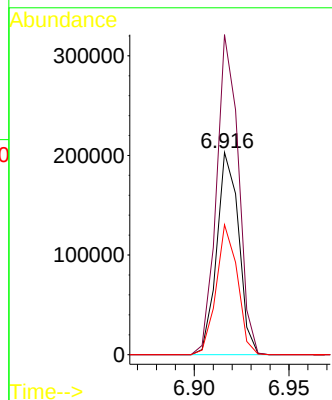
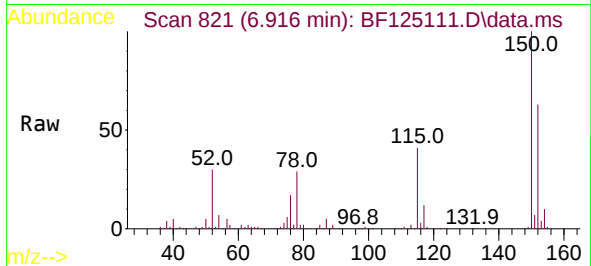




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

Instrument :
BNA_F
ClientSampleId :
210812088-01

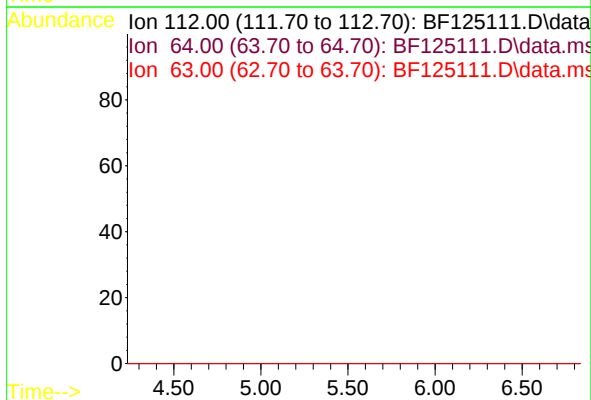
Tgt Ion:152 Resp: 163694
Ion Ratio Lower Upper
152 100
150 158.3 117.6 176.4
115 64.3 47.1 70.7

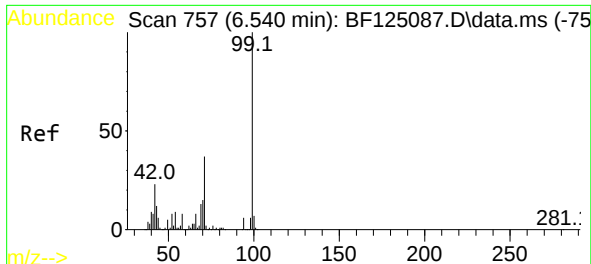


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.53 min

Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

Tgt Ion: 112
Sig Exp Ratio
112 100
64 55.2
63 32.7

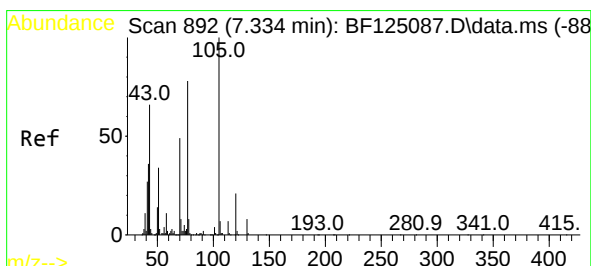
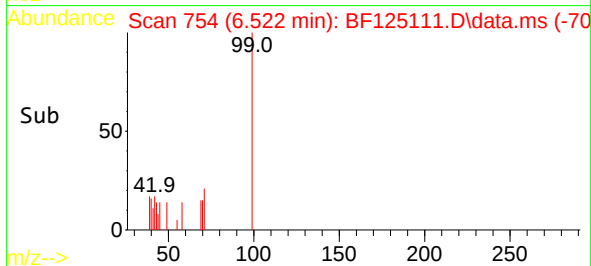
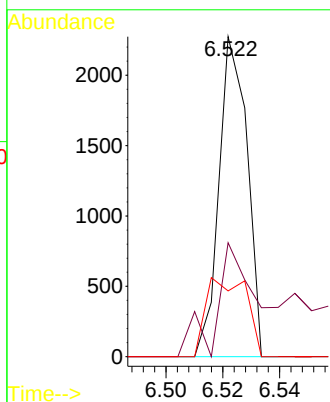
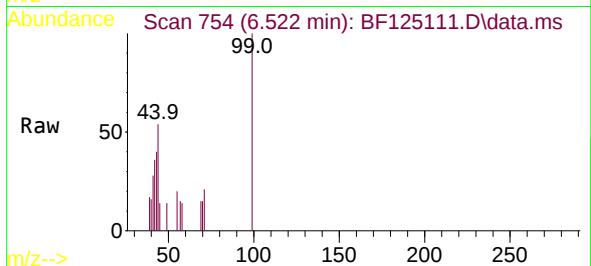




#7
Phenol-d6
Concen: 0.112 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

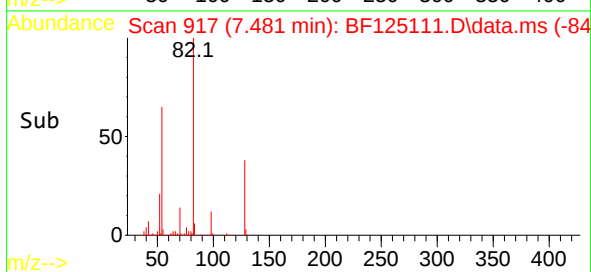
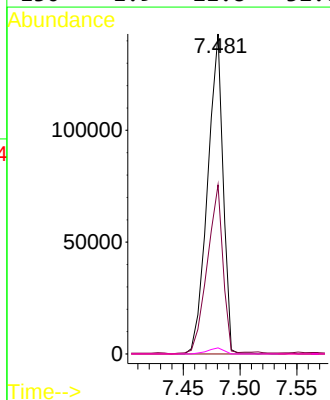
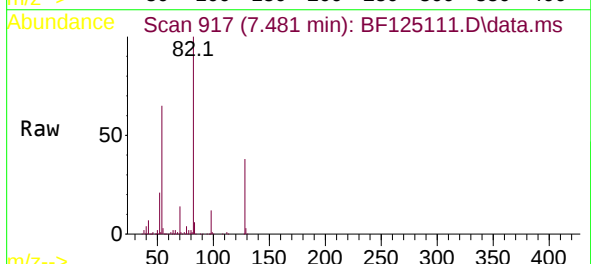
Instrument :
BNA_F
ClientSampleId :
210812088-01

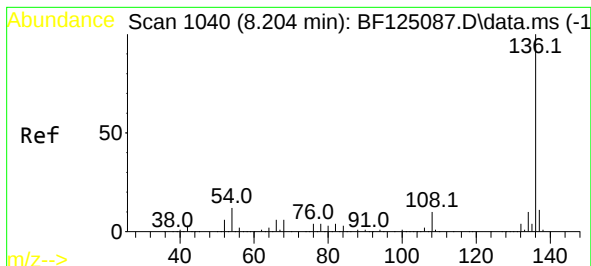
Tgt Ion: 99 Resp: 1563
Ion Ratio Lower Upper
99 100
42 35.6 23.5 35.3#
71 20.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 16.109 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

Tgt Ion: 70 Resp: 135529
Ion Ratio Lower Upper
70 100
42 52.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



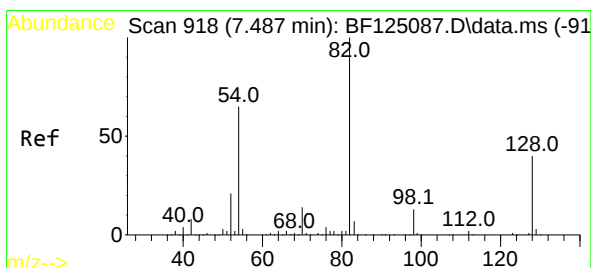
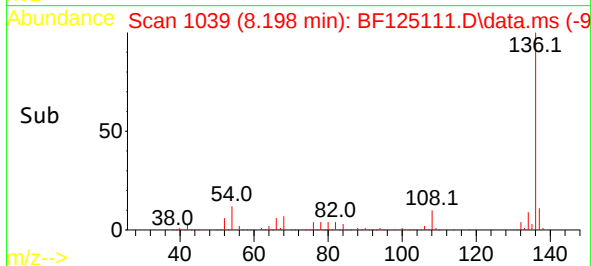
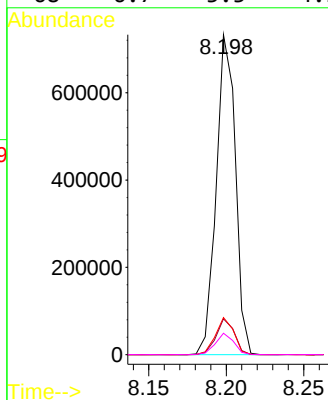
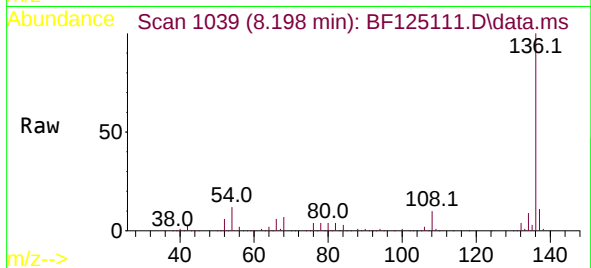


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

Instrument :
BNA_F
ClientSampleId :
210812088-01

Tgt Ion:136 Resp: 630831

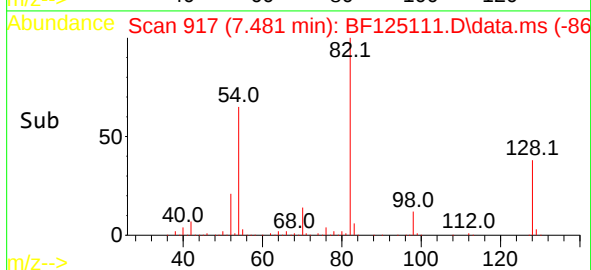
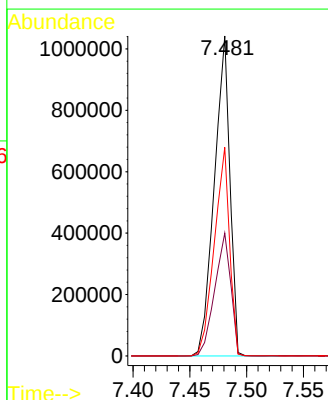
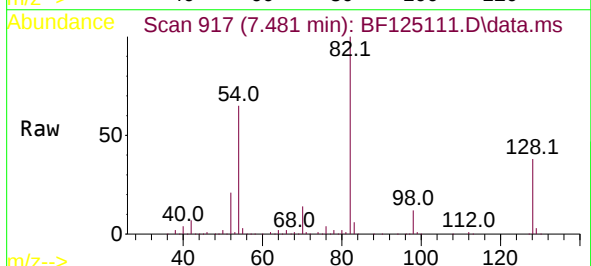
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	11.6	6.4	9.6#
68	6.7	3.3	4.9#

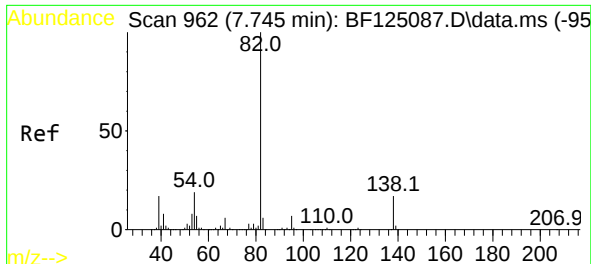


#23
Nitrobenzene-d5
Concen: 79.670 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

Tgt Ion: 82 Resp: 998297

Ion	Ratio	Lower	Upper
82	100		
128	38.4	40.6	60.8#
54	65.2	49.6	74.4

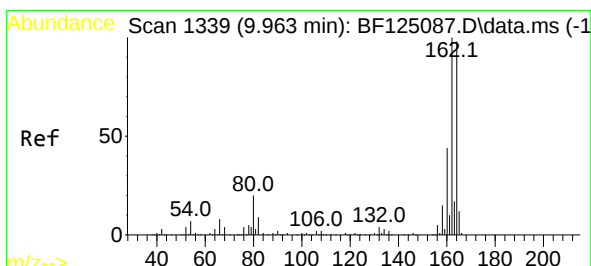
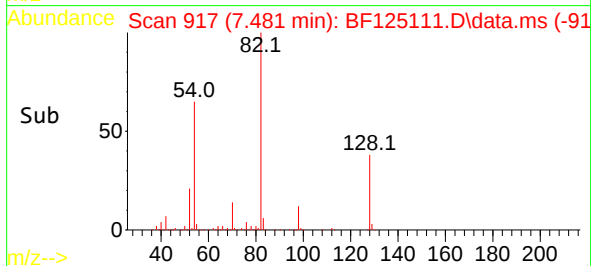
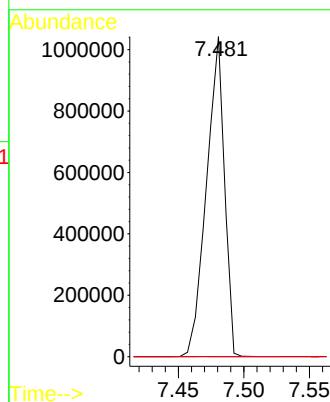
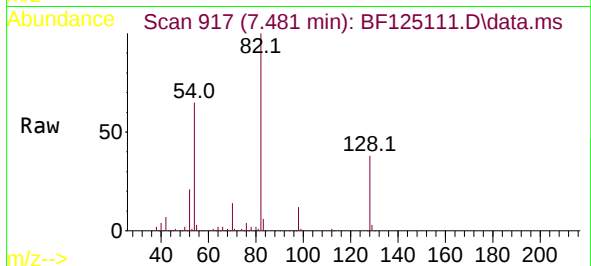




#25
Isophorone
Concen: 41.226 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

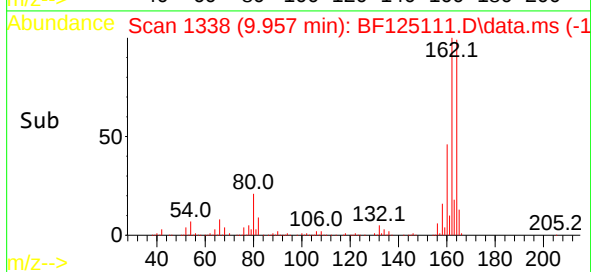
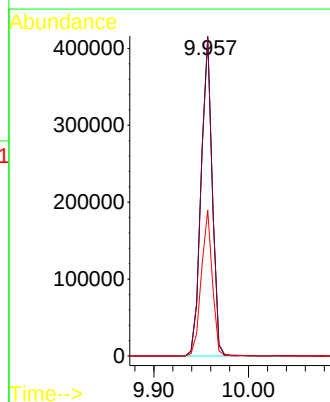
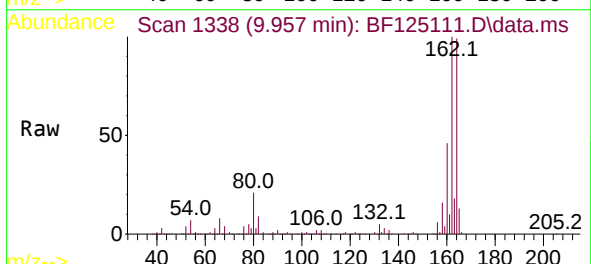
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ClientSampleId :
210812088-01

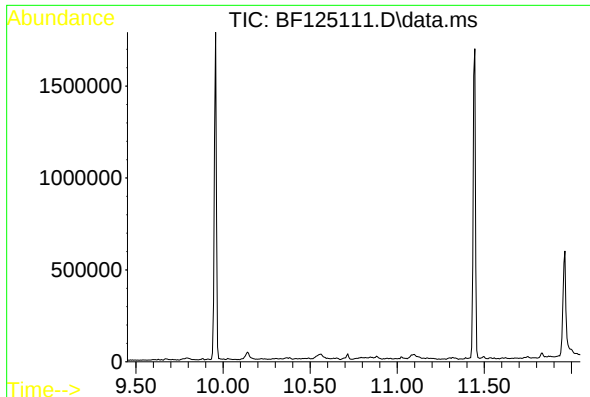
Tgt Ion: 82 Resp: 996556
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

Tgt Ion: 164 Resp: 338720
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 45.9 38.0 57.0



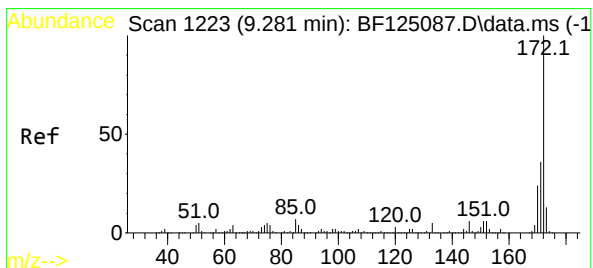
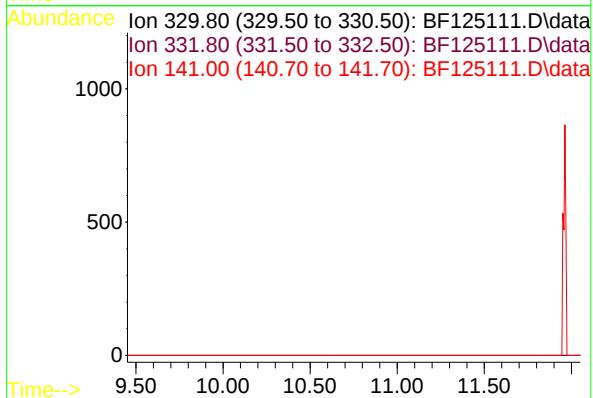


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.75 min

Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

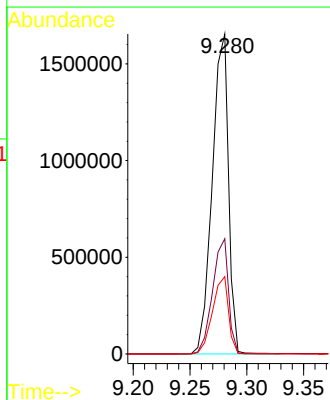
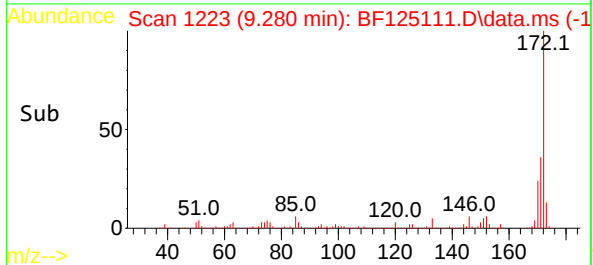
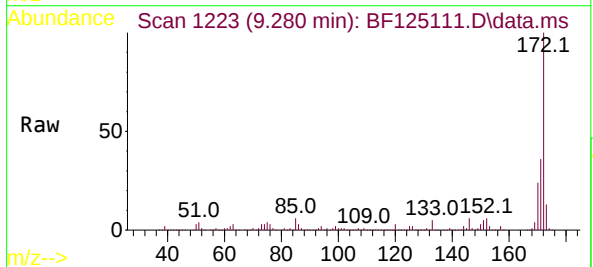
Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.3
141 55.7

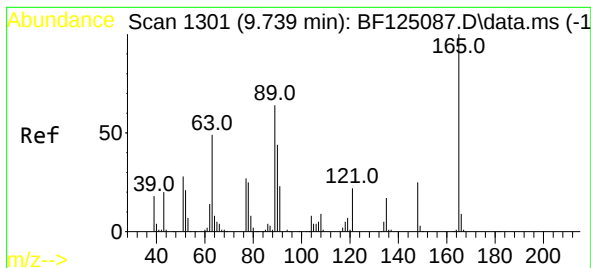
Instrument :
BNA_F
ClientSampleId :
210812088-01



#45
2-Fluorobiphenyl
Concen: 67.643 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

Tgt Ion: 172 Resp: 1643945
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.2 18.8 28.2

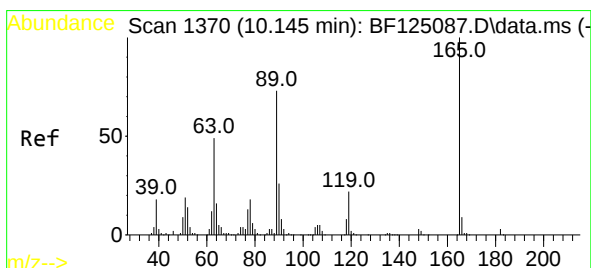
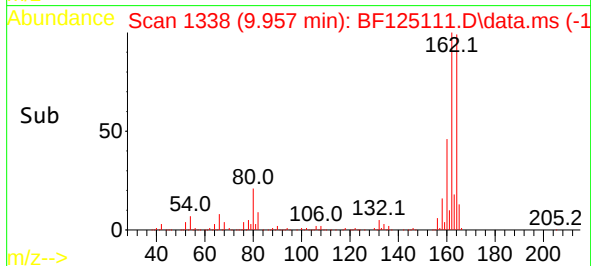
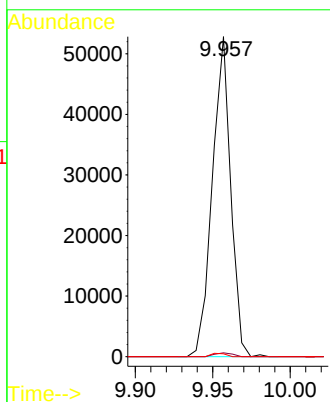
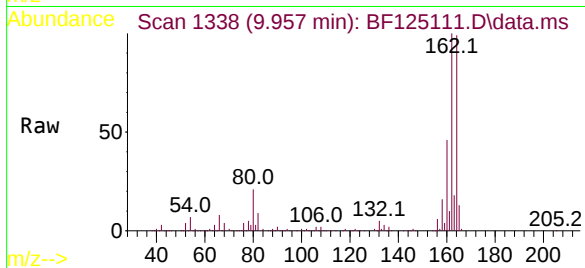




#51
2,6-Dinitrotoluene
Concen: 8.543 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

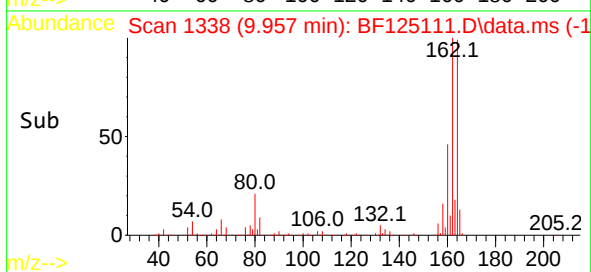
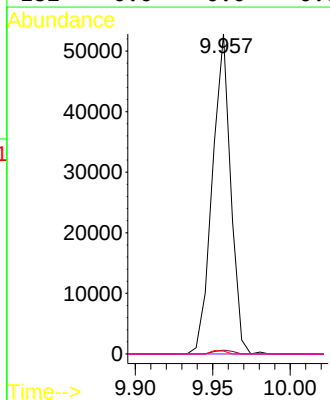
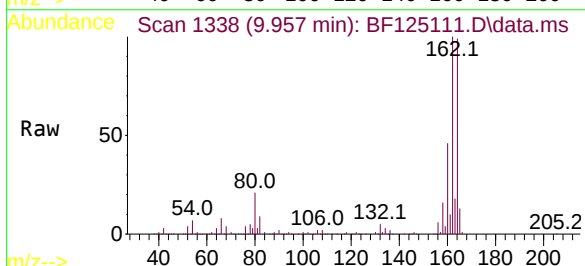
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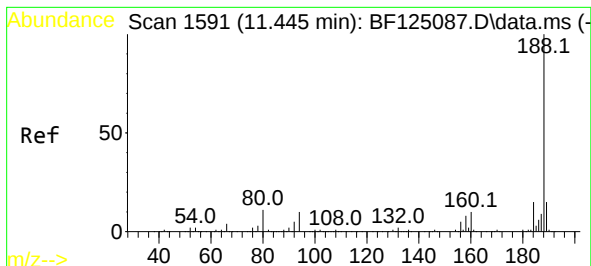
Tgt Ion:165 Resp: 43484
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.059 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

Tgt Ion:165 Resp: 43484
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

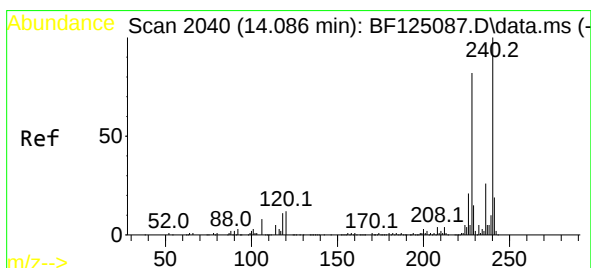
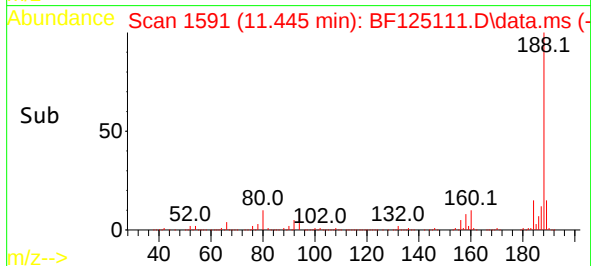
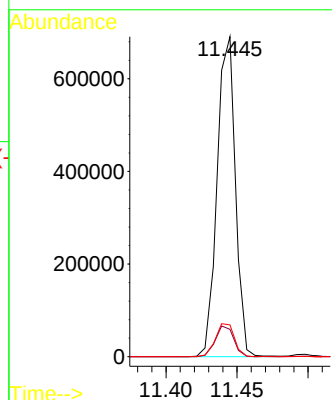
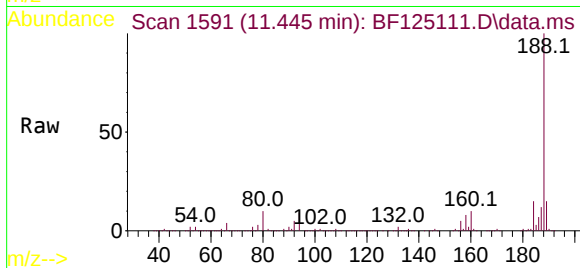




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

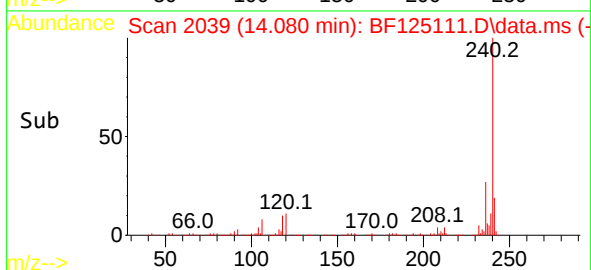
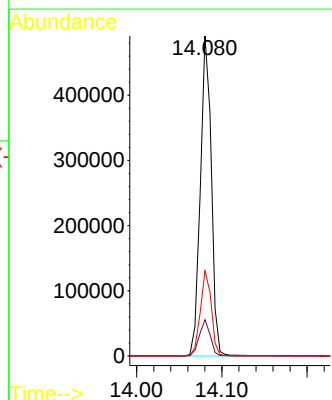
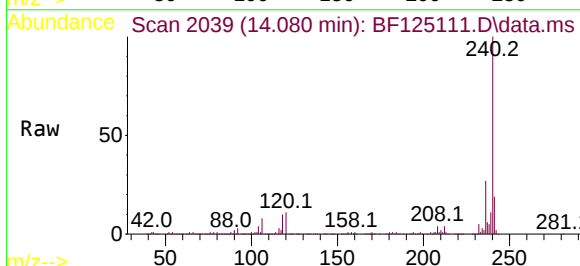
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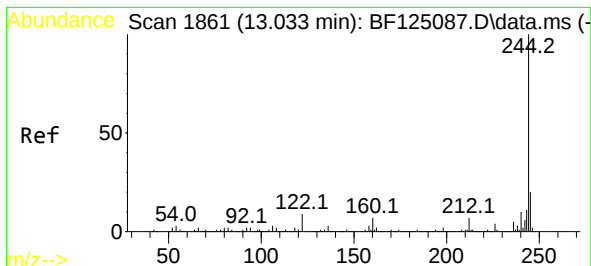
Tgt Ion:188 Resp: 619427
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

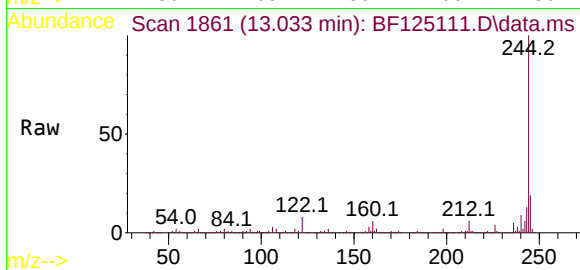
Tgt Ion:240 Resp: 439215
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 26.6 21.6 32.4



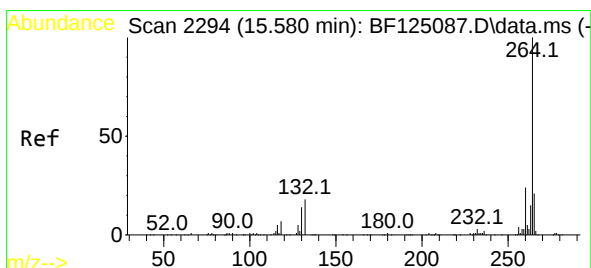
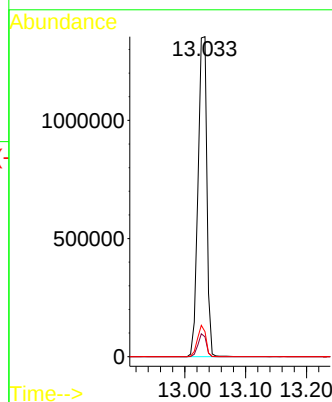
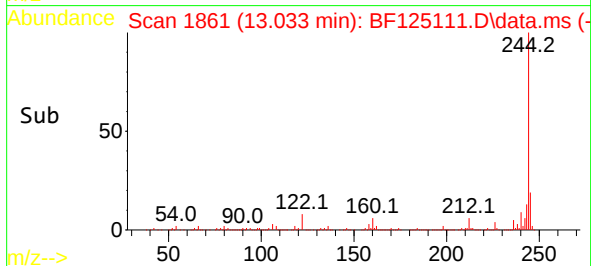


#79
Terphenyl-d14
Concen: 49.336 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125111.D
Acq: 19 Aug 2021 13:22

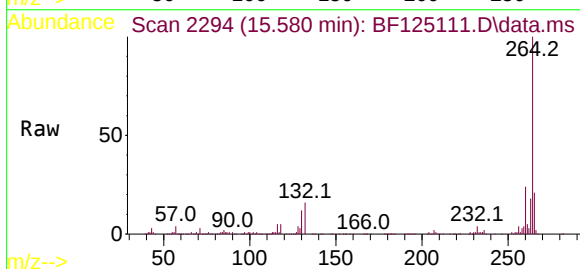
Instrument :
BNA_F
ClientSampleId :
210812088-01



Tgt Ion:244 Resp: 1360189
Ion Ratio Lower Upper
244 100
212 6.2 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: BF125111.D
Acq: 19 Aug 2021 13:22



Tgt Ion:264 Resp: 354515
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.5 17.2 25.8

