

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125185.D
 Acq On : 24 Aug 2021 15:05
 Operator : JU/CG
 Sample : M3468-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-10-(410.75)

Quant Time: Aug 24 16:58:59 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)

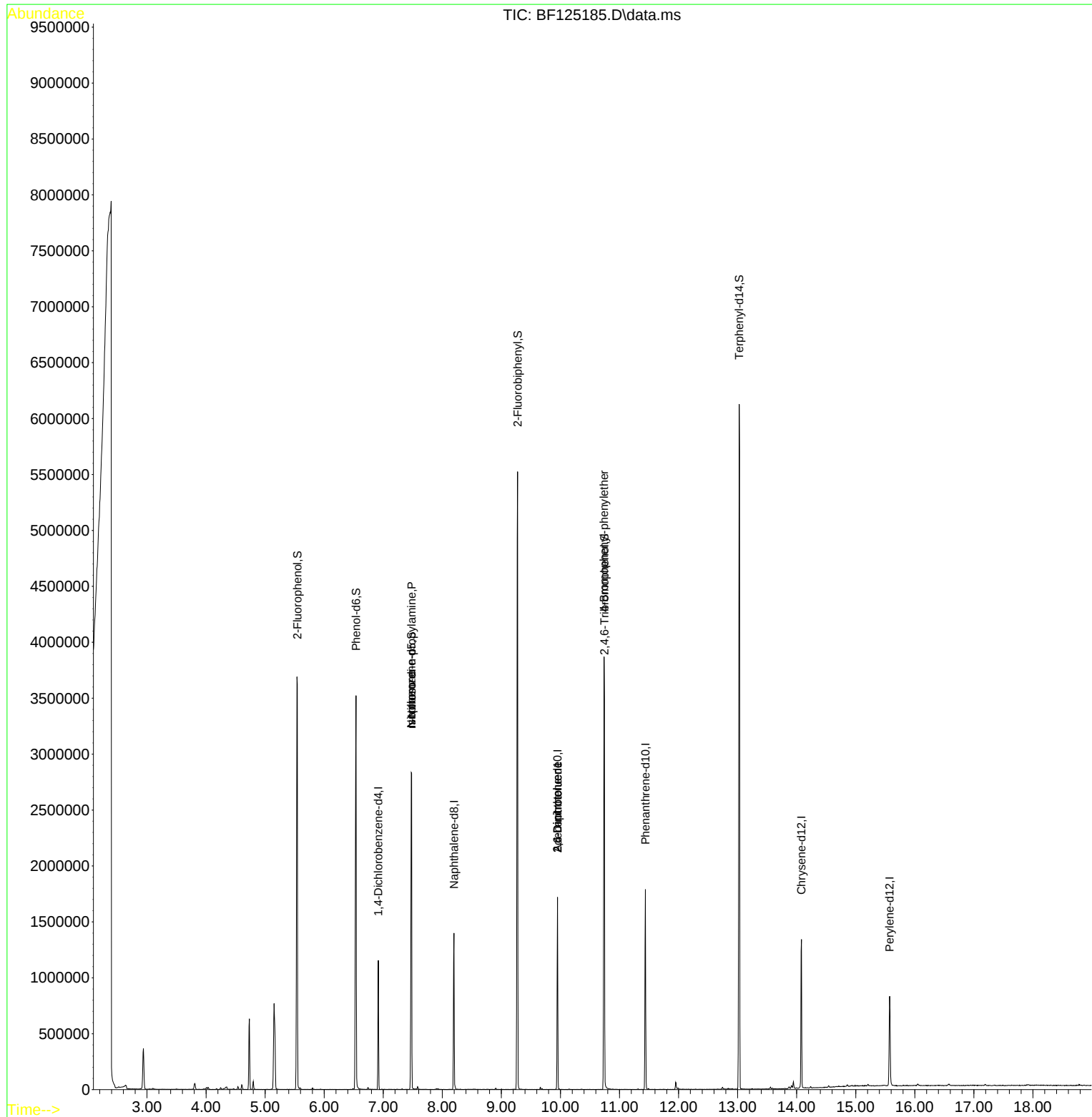
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	146437	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	575482	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	317343	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	619328	20.000	ng	0.00
76) Chrysene-d12	14.080	240	467919	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	379664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1034532	106.931	ng	0.02
7) Phenol-d6	6.540	99	1155772	92.369	ng	0.00
23) Nitrobenzene-d5	7.475	82	971129	84.956	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	538517	169.998	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1794470	78.811	ng	0.00
79) Terphenyl-d14	13.027	244	2466361	83.970	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	136329	18.114	ng	# 57
25) Isophorone	7.475	82	971119	44.038	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	40605	8.515	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	40605	7.036	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	33255	4.472	ng	# 1

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

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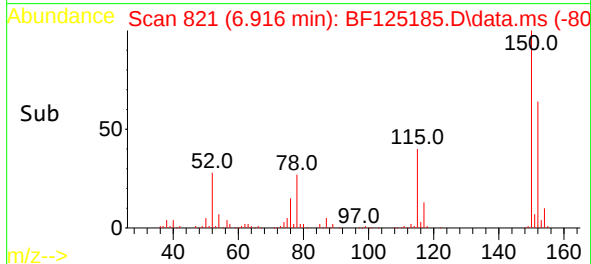
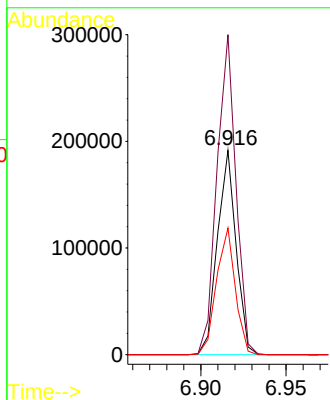
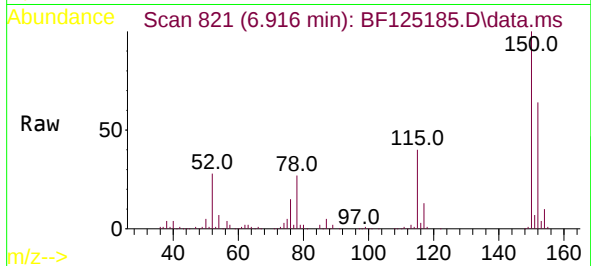




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

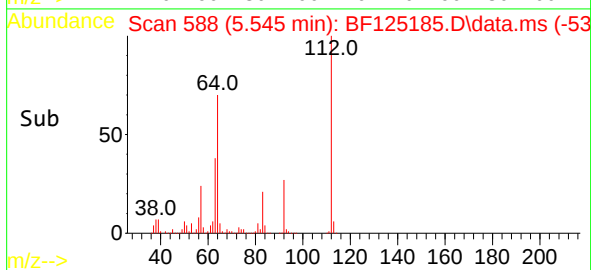
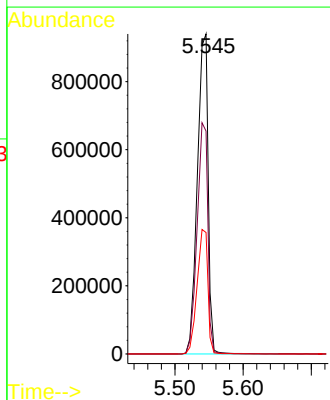
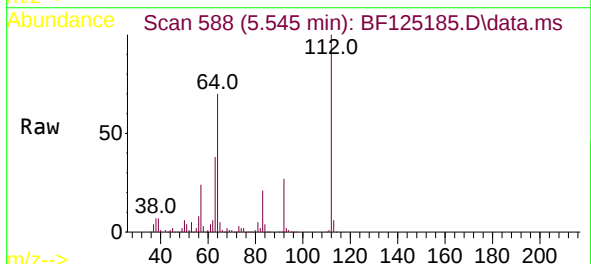
Instrument :
BNA_F
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SAMPLE-10-(410.75)

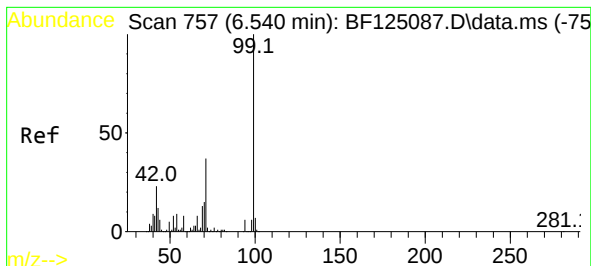
Tgt Ion:152 Resp: 146437
Ion Ratio Lower Upper
152 100
150 156.6 117.6 176.4
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 106.931 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

Tgt Ion:112 Resp: 1034532
Ion Ratio Lower Upper
112 100
64 69.6 44.2 66.2#
63 37.9 26.2 39.2





#7

Phenol-d6

Concen: 92.369 ng

RT: 6.540 min Scan# 757

Delta R.T. 0.000 min

Lab File: BF125185.D

Acq: 24 Aug 2021 15:05

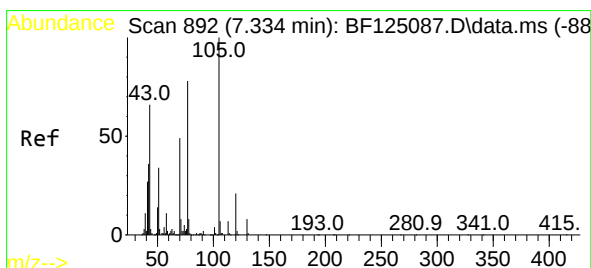
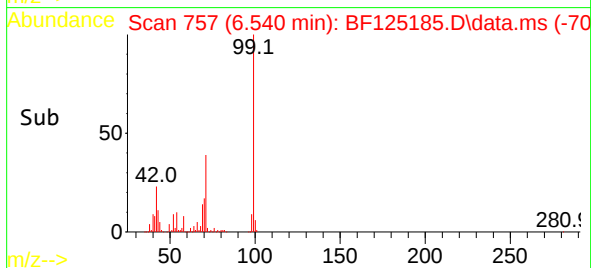
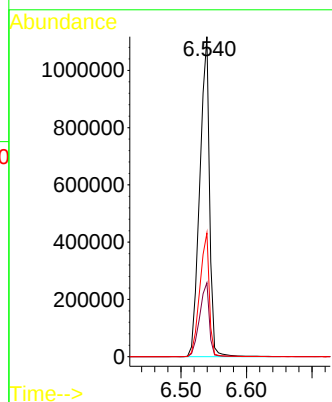
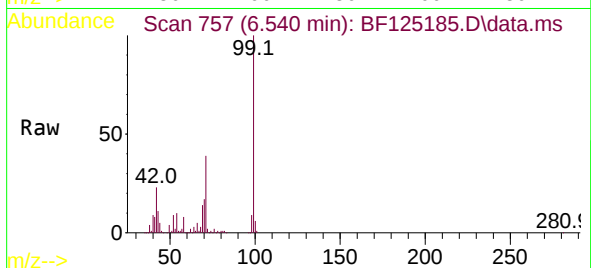
Tgt Ion: 99 Resp: 1155772

Ion Ratio Lower Upper

99 100

42 23.1 23.5 35.3#

71 38.7 25.6 38.4#



#19

n-Nitroso-di-n-propylamine

Concen: 18.114 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.153 min

Lab File: BF125185.D

Acq: 24 Aug 2021 15:05

Tgt Ion: 70 Resp: 136329

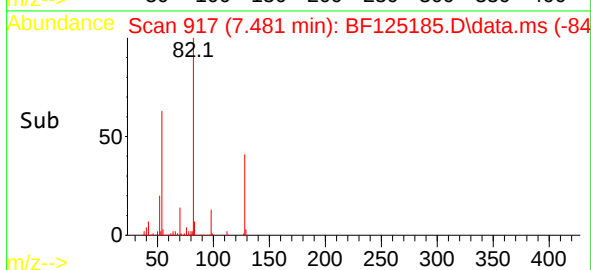
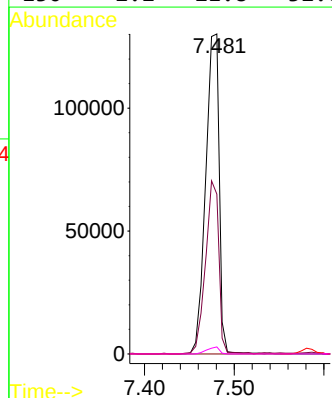
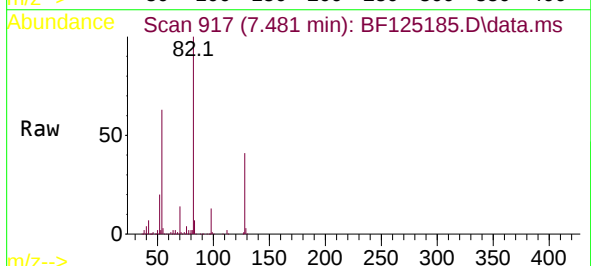
Ion Ratio Lower Upper

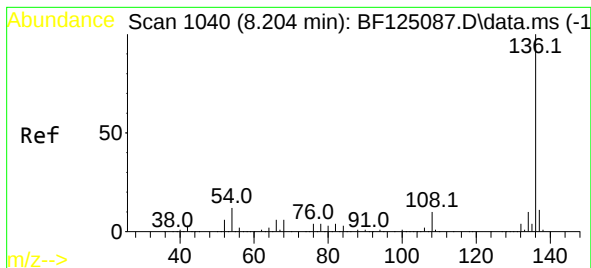
70 100

42 50.0 72.2 108.2#

101 0.0 7.8 11.8#

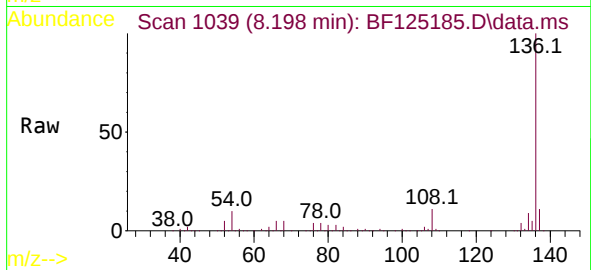
130 2.2 21.8 32.6#



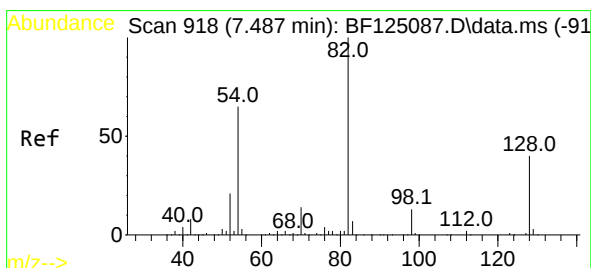
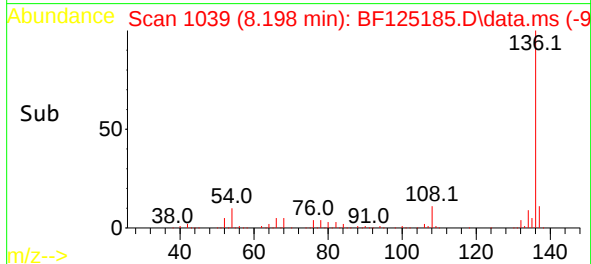
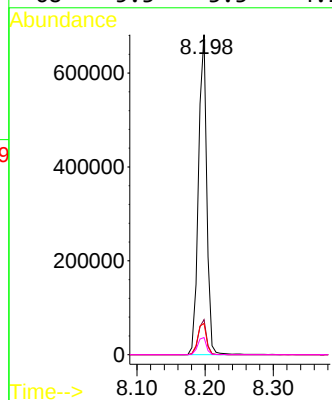


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

Instrument :
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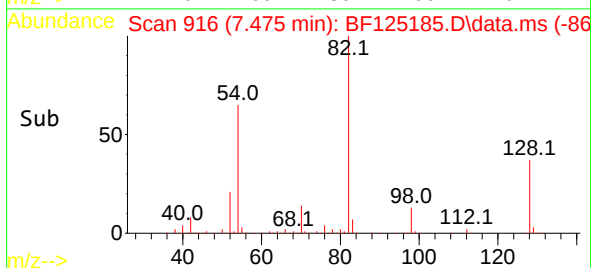
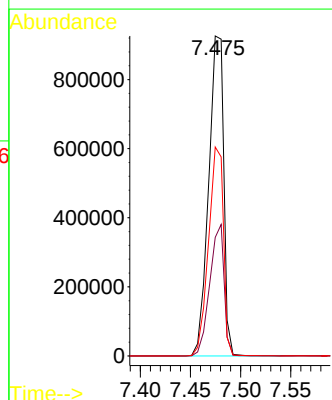
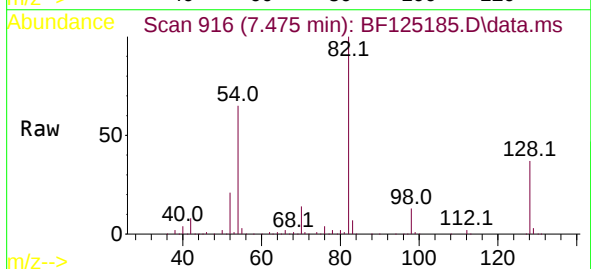


Tgt Ion:136 Resp: 575482
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.7 6.4 9.6#
68 5.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 84.956 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

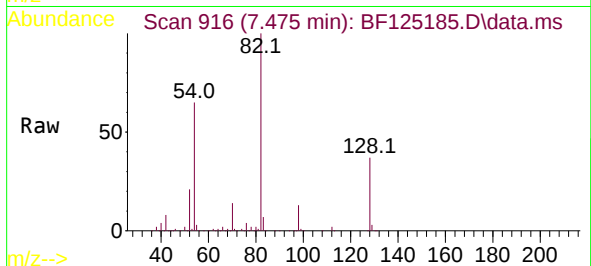
Tgt Ion: 82 Resp: 971129
Ion Ratio Lower Upper
82 100
128 37.0 40.6 60.8#
54 65.3 49.6 74.4



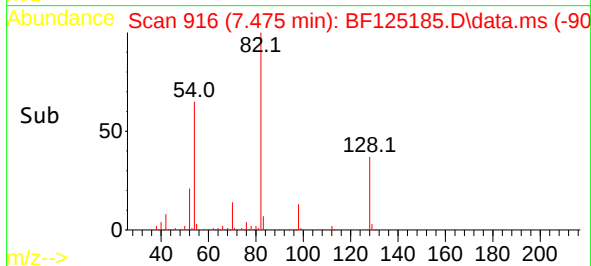
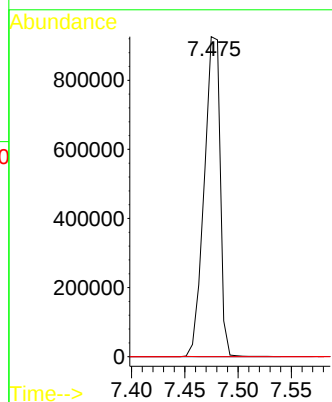


#25
Isophorone
Concen: 44.038 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

Instrument :
BNA_F
ClientSampleId :
SAMPLE-10-(410.75)

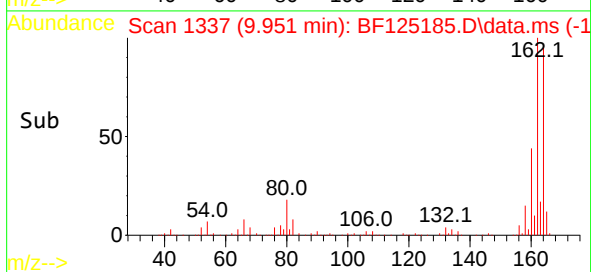
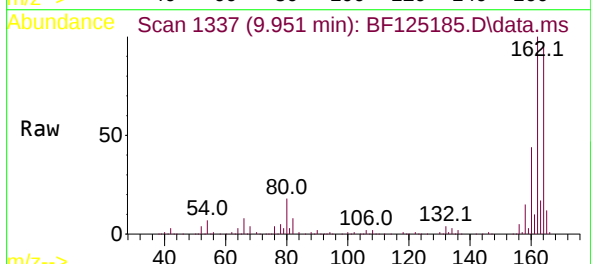
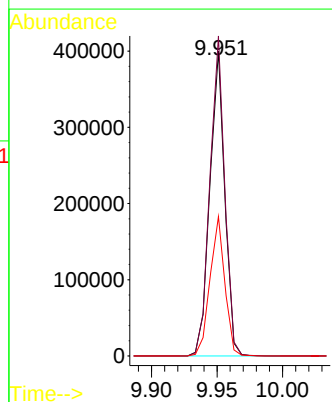


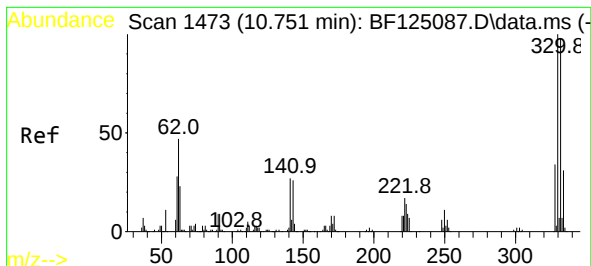
Tgt Ion: 82 Resp: 971119
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

Tgt Ion: 164 Resp: 317343
Ion Ratio Lower Upper
164 100
162 104.9 81.3 121.9
160 45.7 38.0 57.0

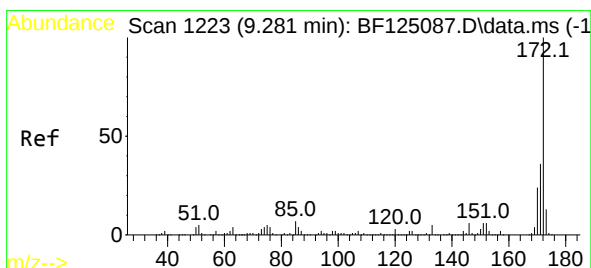
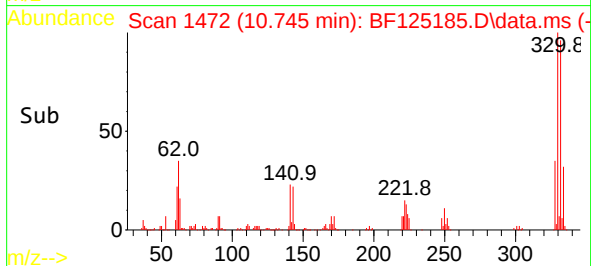
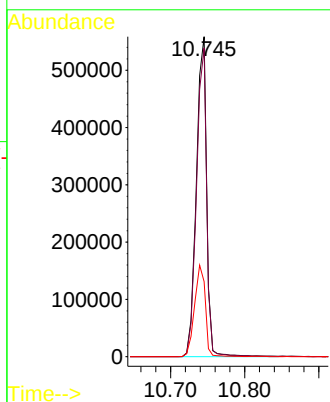
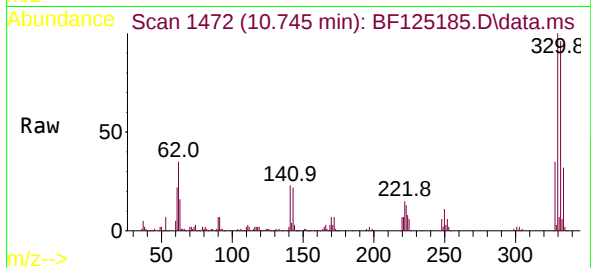




#42
2,4,6-Tribromophenol
Concen: 169.998 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

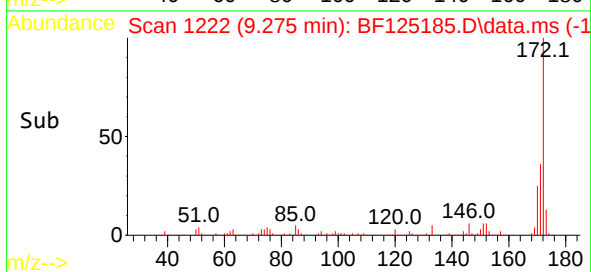
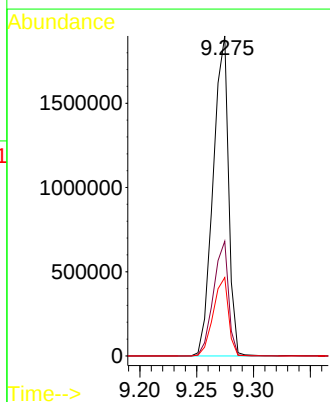
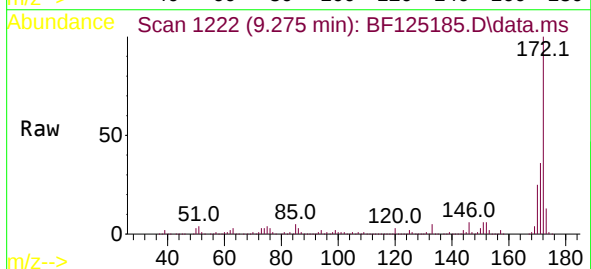
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ClientSampleId :
SAMPLE-10-(410.75)

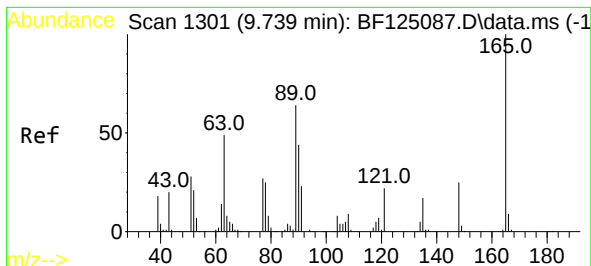
Tgt Ion: 330 Resp: 538517
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 29.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 78.811 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

Tgt Ion: 172 Resp: 1794470
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.5 18.8 28.2

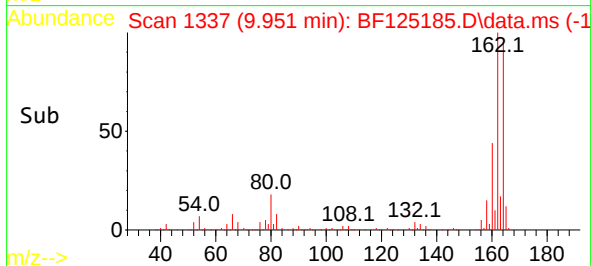
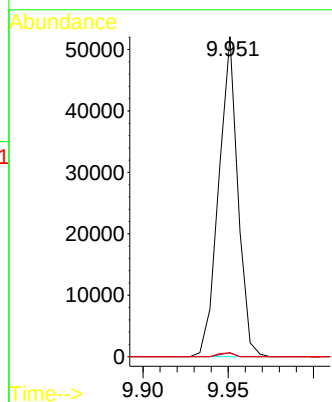
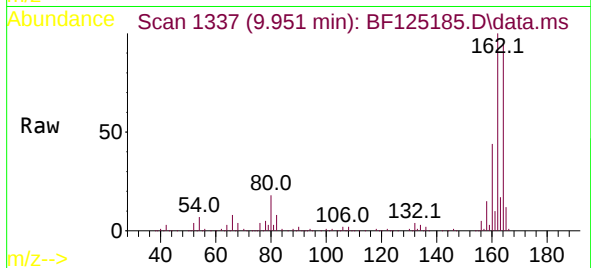




#51
2,6-Dinitrotoluene
Concen: 8.515 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

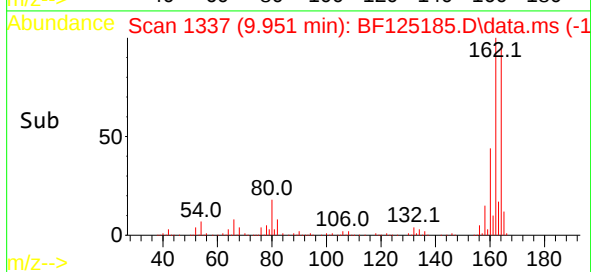
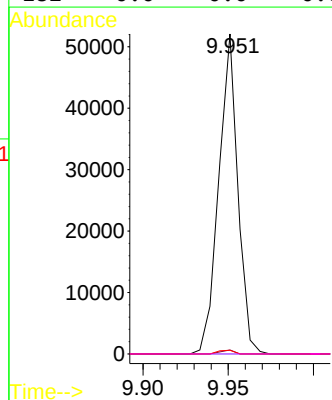
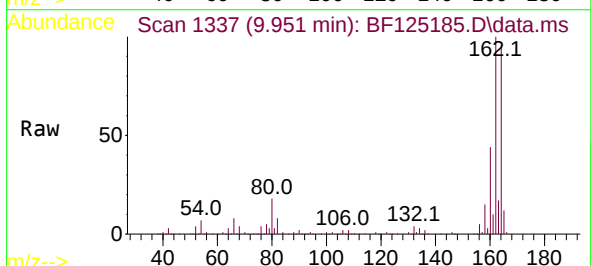
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BNA_F
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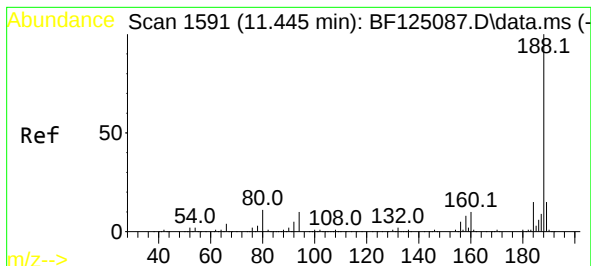
Tgt Ion:165 Resp: 40605
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.036 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

Tgt Ion:165 Resp: 40605
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

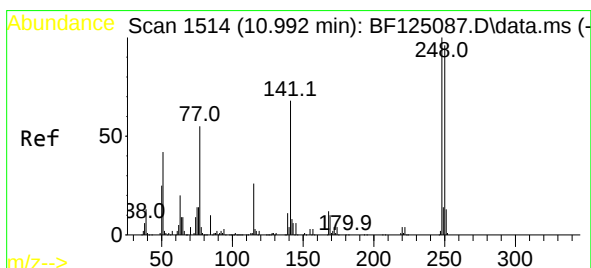
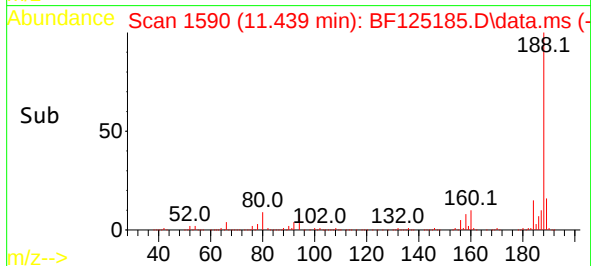
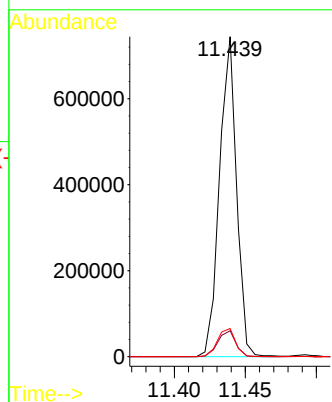
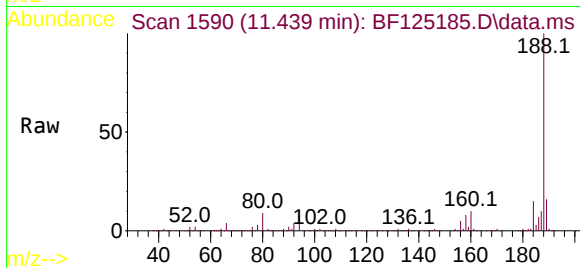




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

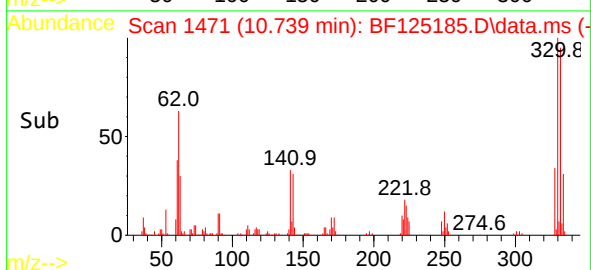
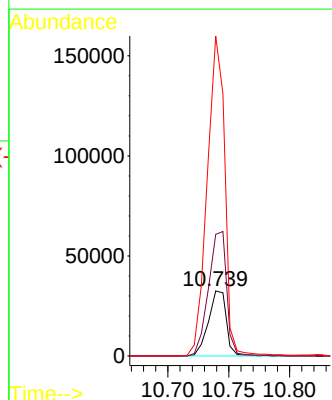
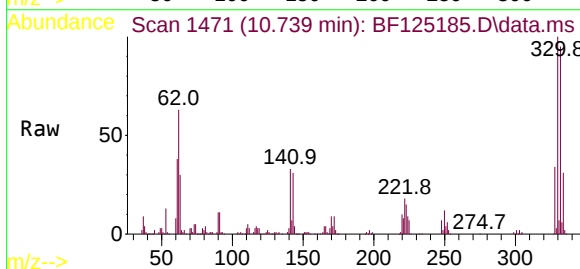
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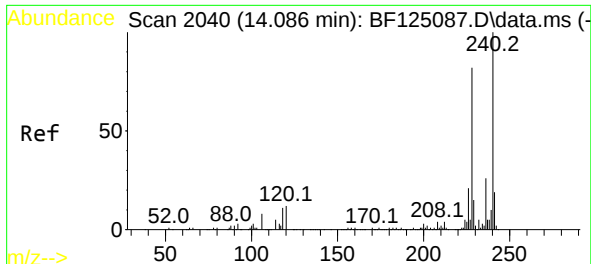
Tgt Ion:188 Resp: 619328
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.472 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

Tgt Ion:248 Resp: 33255
Ion Ratio Lower Upper
248 100
250 187.1 74.2 111.4#
141 492.5 60.4 90.6#

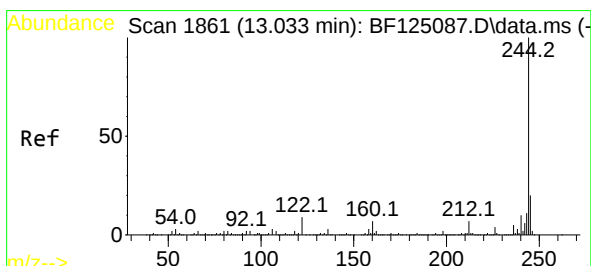
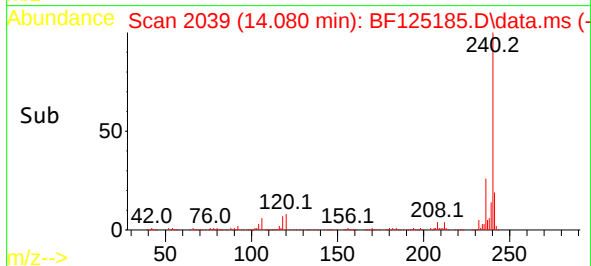
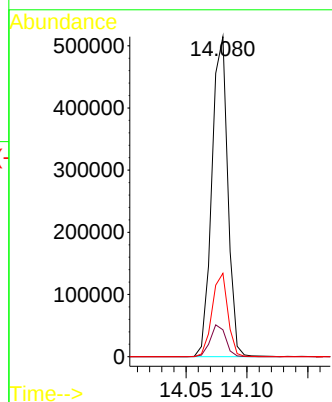
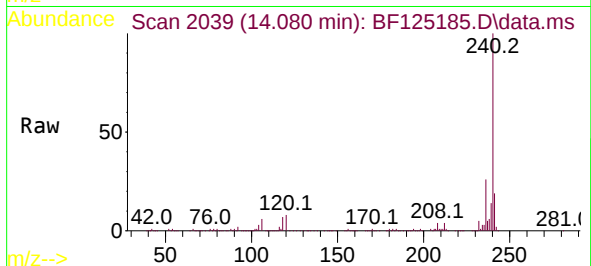




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

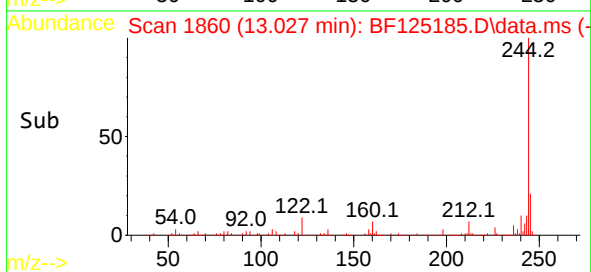
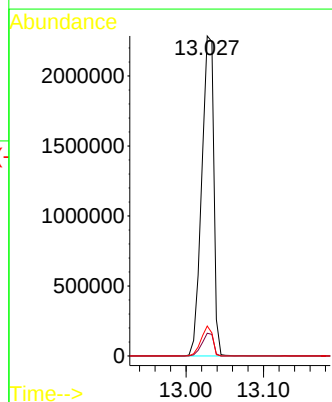
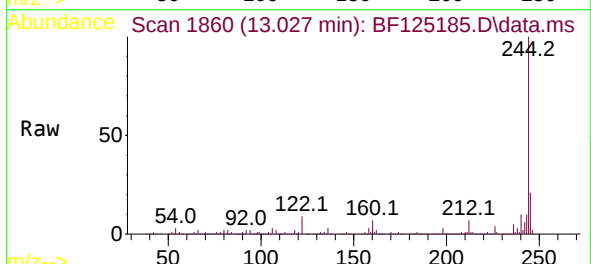
Instrument :
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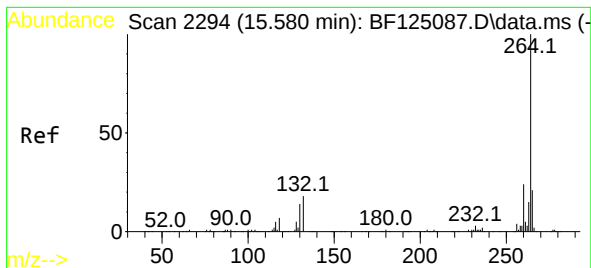
Tgt Ion:240 Resp: 467919
Ion Ratio Lower Upper
240 100
120 8.4 10.8 16.2#
236 26.0 21.6 32.4



#79
Terphenyl-d14
Concen: 83.970 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125185.D
Acq: 24 Aug 2021 15:05

Tgt Ion:244 Resp: 2466361
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.4 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: BF125185.D
 Acq: 24 Aug 2021 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-10-(410.75)

Tgt Ion:264 Resp: 379664
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.7 17.2 25.8

