

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
 Data File : BF125291.D
 Acq On : 31 Aug 2021 16:32
 Operator : JU/CG
 Sample : M3550-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 31 17:54:10 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

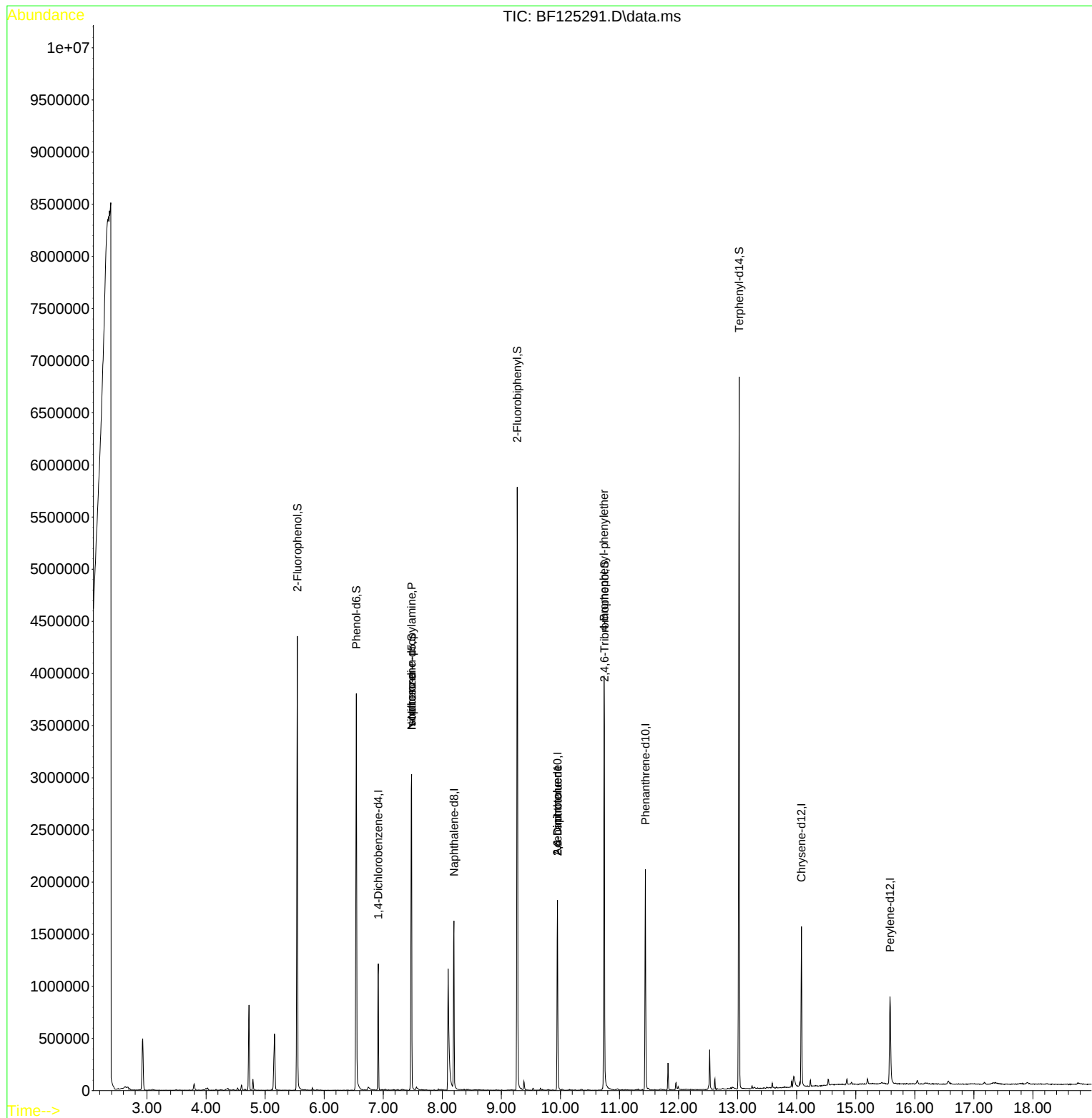
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	176981	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	687390	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	387583	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	756297	20.000	ng	0.00
76) Chrysene-d12	14.080	240	545744	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	447852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1130260	96.663	ng	0.02
7) Phenol-d6	6.545	99	1308189	86.507	ng	0.00
23) Nitrobenzene-d5	7.481	82	1043925	76.456	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	569958	147.317	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1897755	68.242	ng	0.00
79) Terphenyl-d14	13.027	244	2550200	74.443	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	140888	15.489	ng	# 56
25) Isophorone	7.481	82	1043913	39.632	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	50334	8.642	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	50334	7.141	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	34694	3.820	ng	# 1

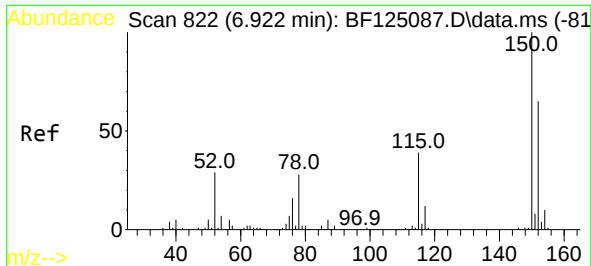
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 31 17:54:10 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

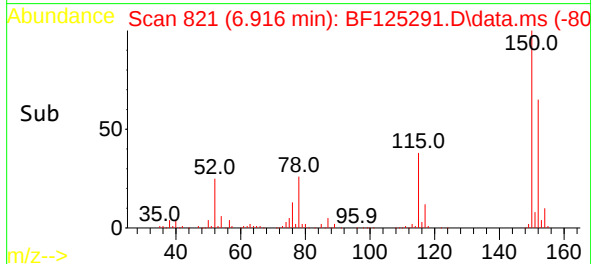
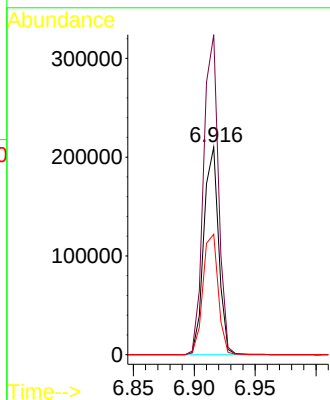
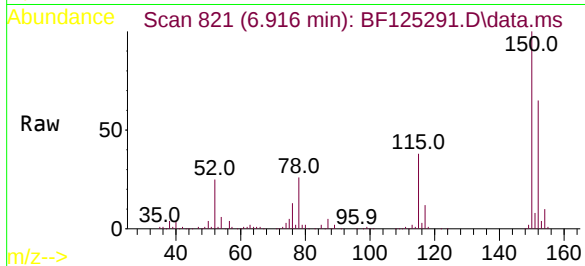




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

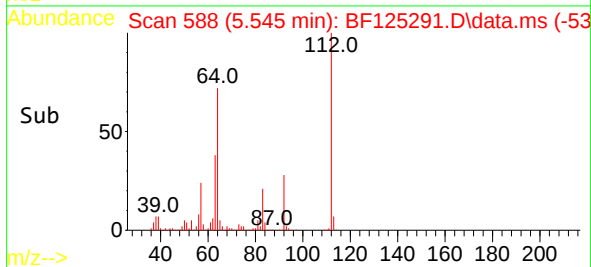
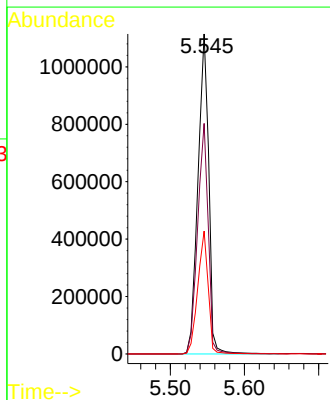
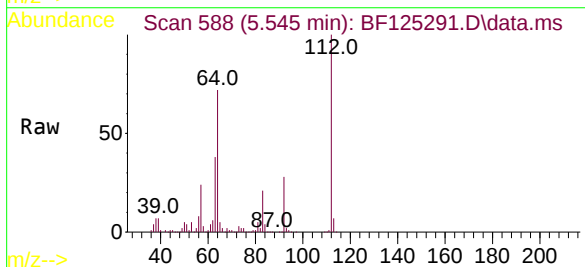
Instrument :
BNA_F
ClientSampleId :
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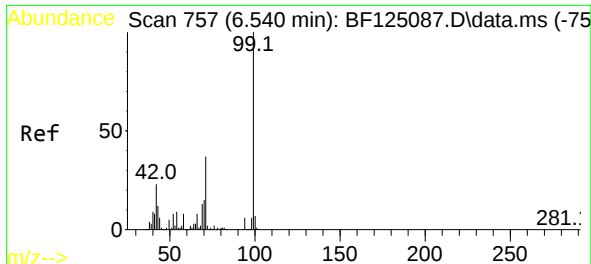
Tgt Ion:152 Resp: 176981
Ion Ratio Lower Upper
152 100
150 154.2 117.6 176.4
115 58.1 47.1 70.7



#5
2-Fluorophenol
Concen: 96.663 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

Tgt Ion:112 Resp: 1130260
Ion Ratio Lower Upper
112 100
64 72.0 44.2 66.2#
63 38.4 26.2 39.2

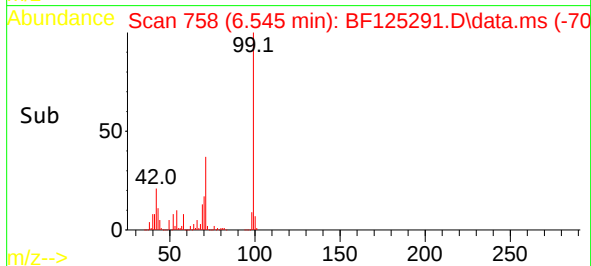
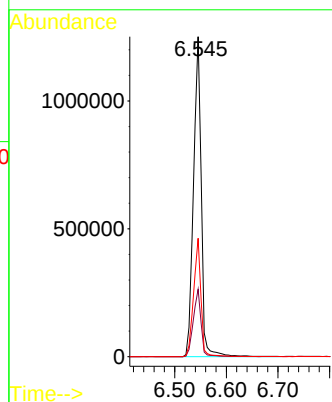
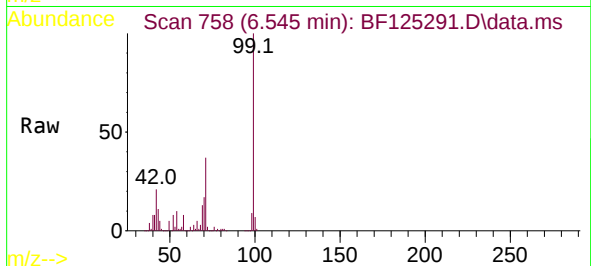




#7
Phenol-d6
Concen: 86.507 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

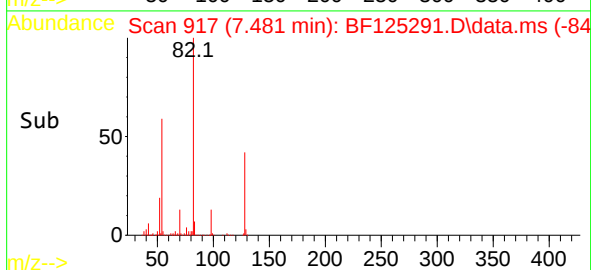
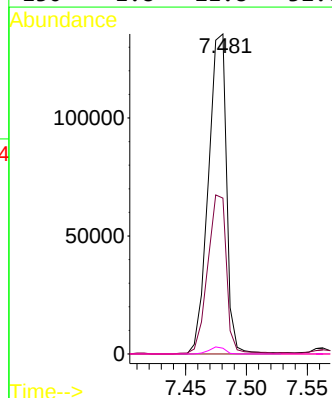
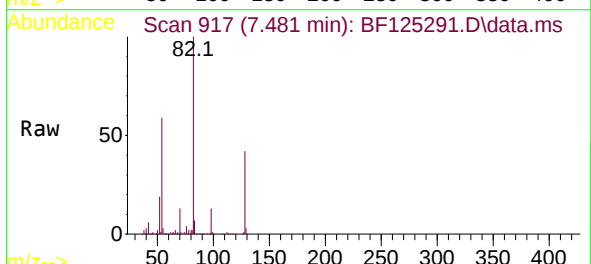
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 1308189
Ion Ratio Lower Upper
99 100
42 21.0 23.5 35.3#
71 37.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.489 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

Tgt Ion: 70 Resp: 140888
Ion Ratio Lower Upper
70 100
42 48.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

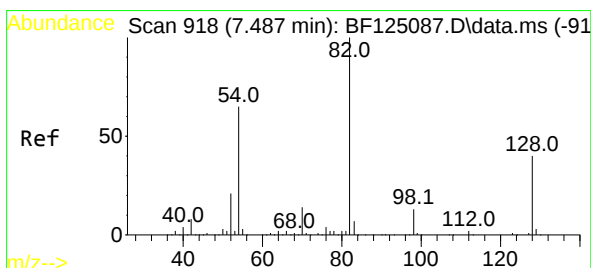
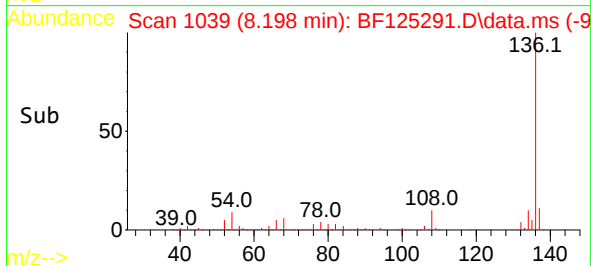
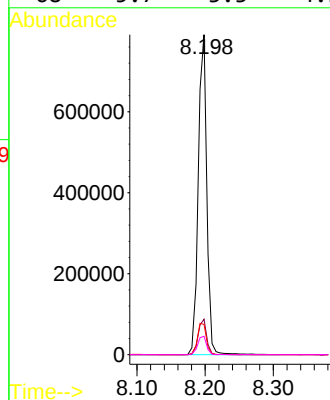
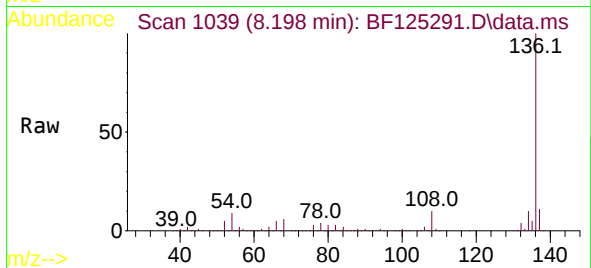




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

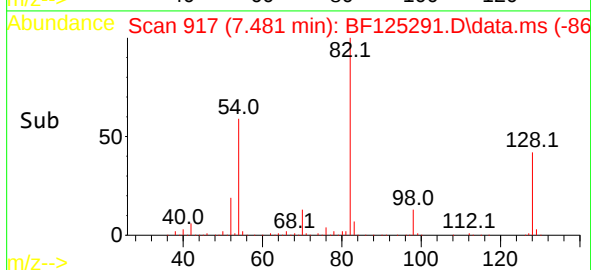
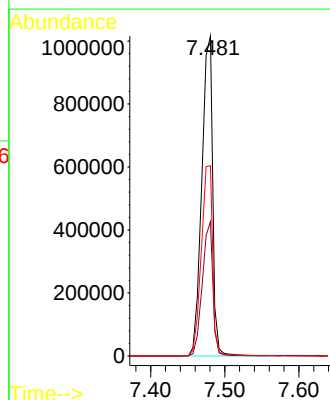
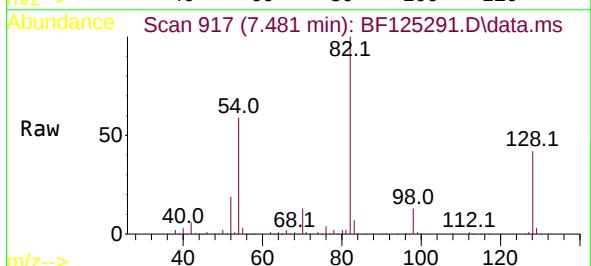
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:136 Resp: 687390
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.4 6.4 9.6
68 5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 76.456 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

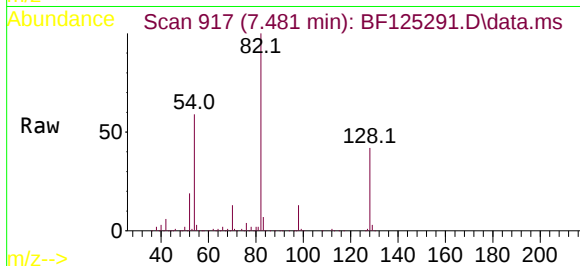
Tgt Ion: 82 Resp: 1043925
Ion Ratio Lower Upper
82 100
128 42.0 40.6 60.8
54 59.4 49.6 74.4



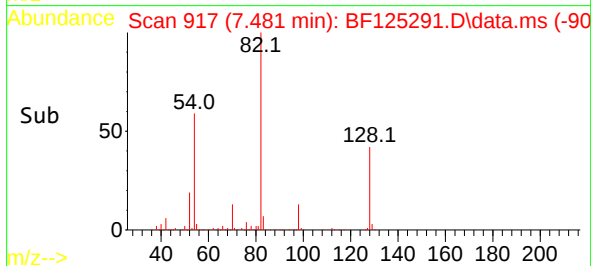
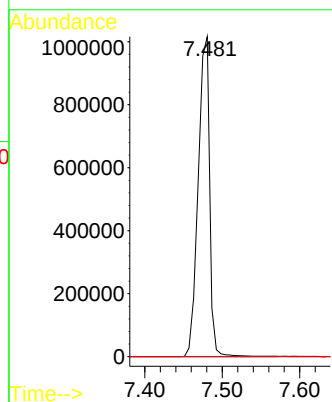


#25
Isophorone
Concen: 39.632 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.253 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

Instrument :
BNA_F
ClientSampleId :
WC-1

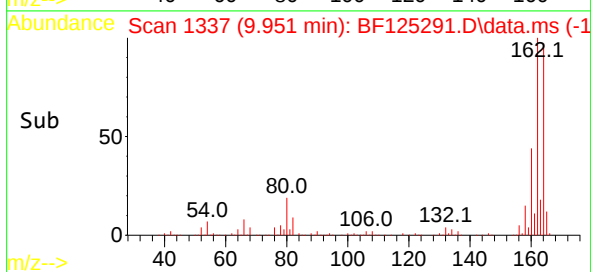
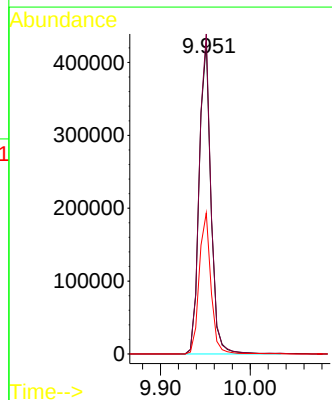
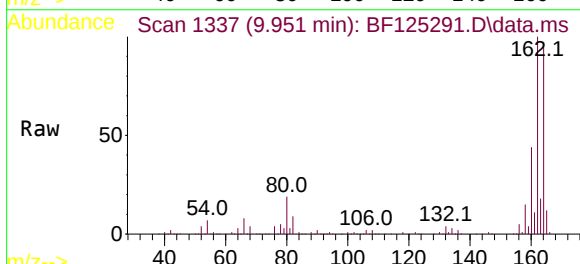


Tgt Ion: 82 Resp: 1043913
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

Tgt Ion: 164 Resp: 387583
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 45.2 38.0 57.0

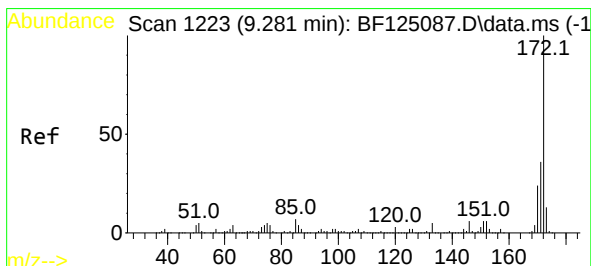
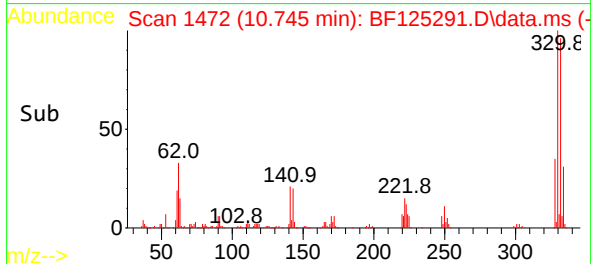
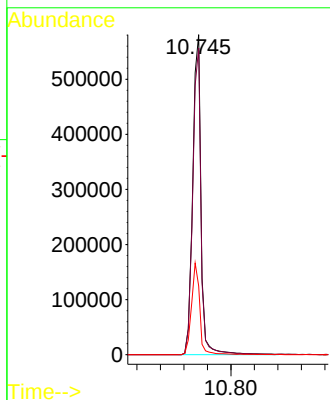
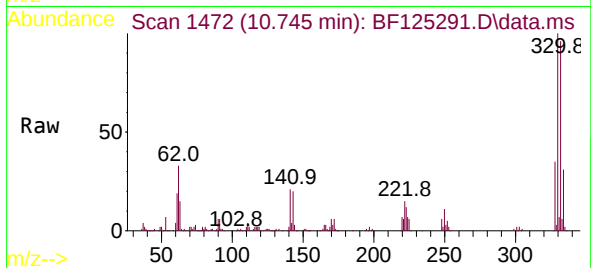




#42
2,4,6-Tribromophenol
Concen: 147.317 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

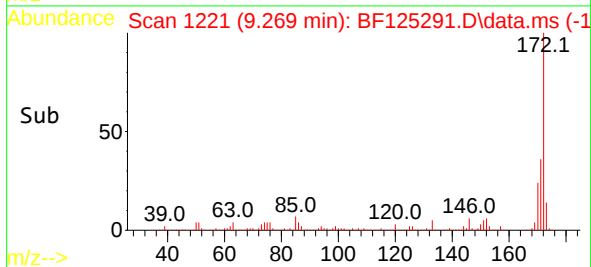
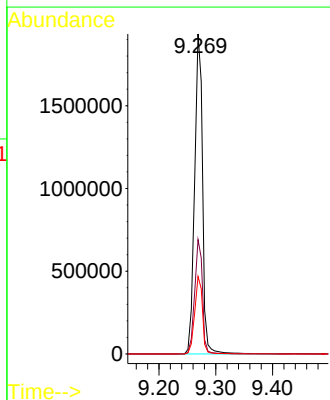
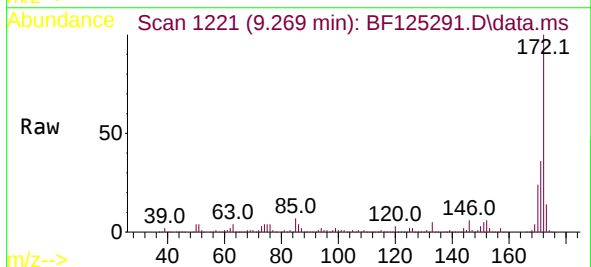
Instrument :
BNA_F
ClientSampleId :
WC-1

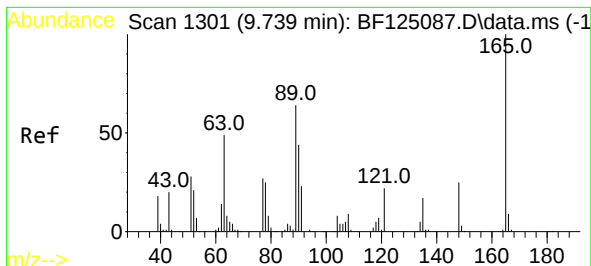
Tgt Ion:330 Resp: 569958
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 28.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 68.242 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

Tgt Ion:172 Resp: 1897755
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.2 18.8 28.2

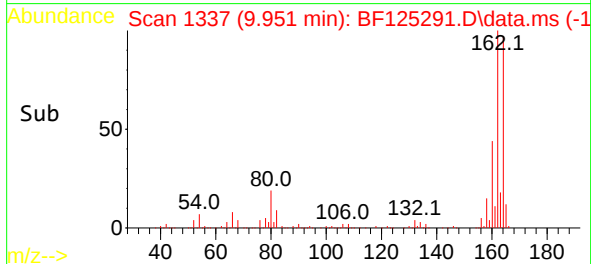
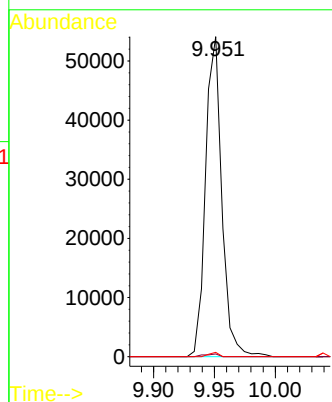
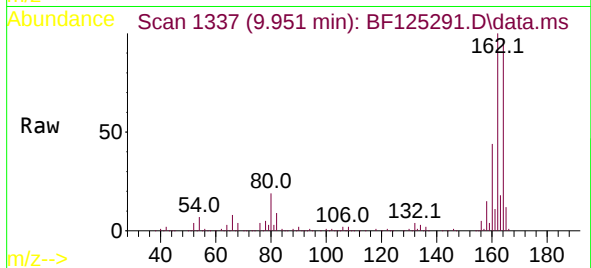




#51
2,6-Dinitrotoluene
Concen: 8.642 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

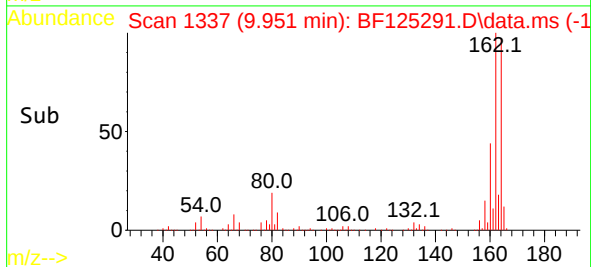
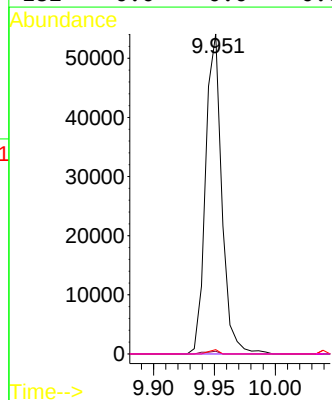
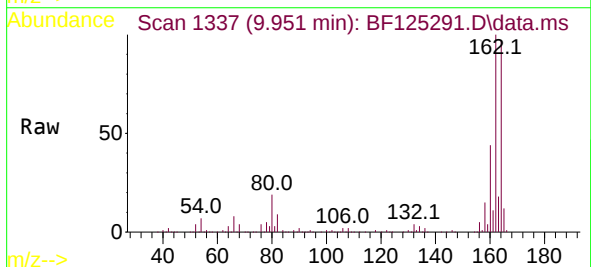
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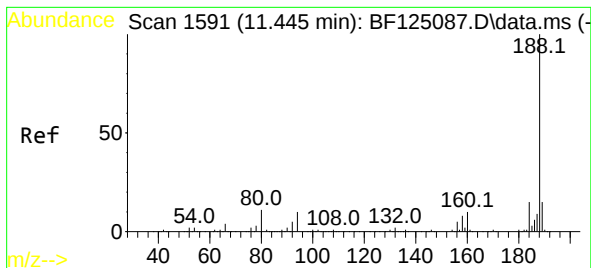
Tgt Ion:165 Resp: 50334
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.141 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

Tgt Ion:165 Resp: 50334
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

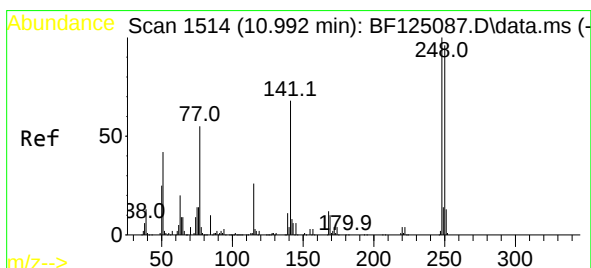
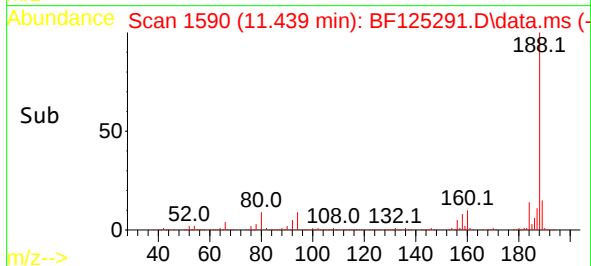
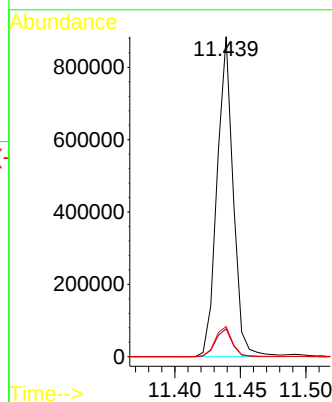
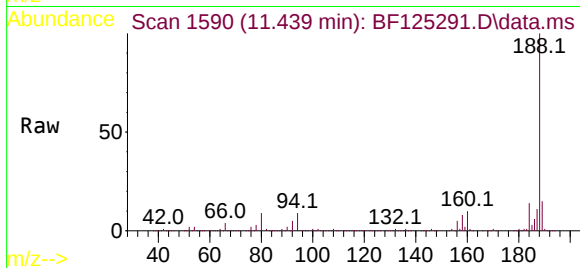




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

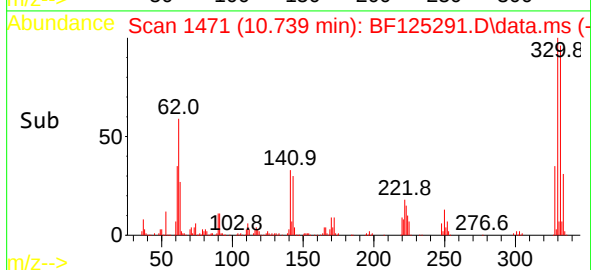
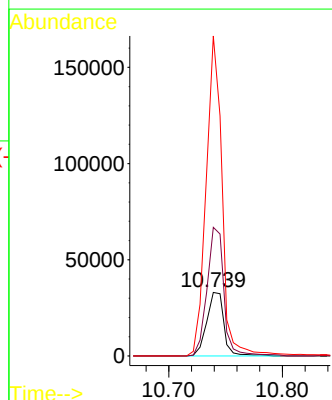
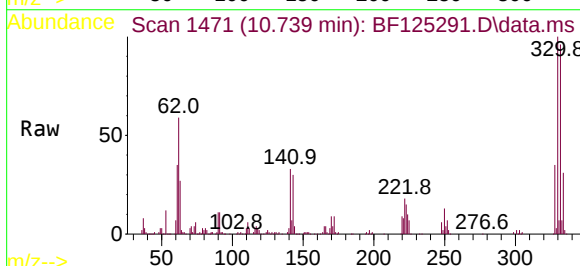
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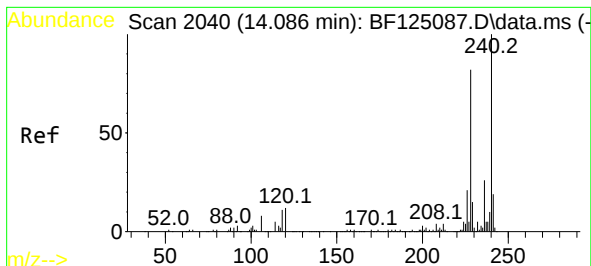
Tgt Ion:188 Resp: 756297
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.820 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

Tgt Ion:248 Resp: 34694
Ion Ratio Lower Upper
248 100
250 202.2 74.2 111.4#
141 503.2 60.4 90.6#

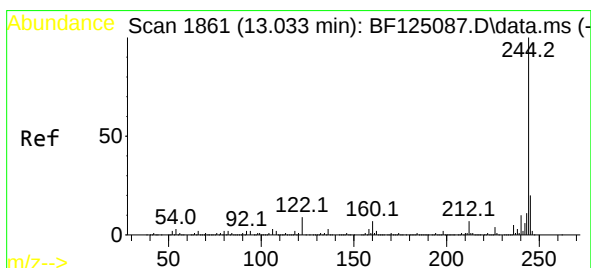
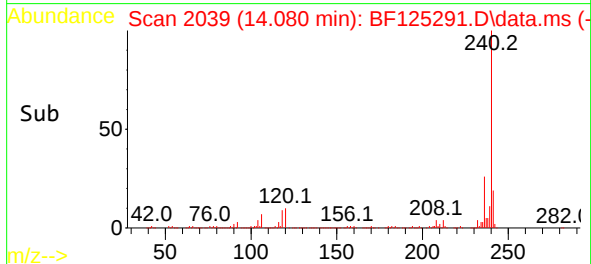
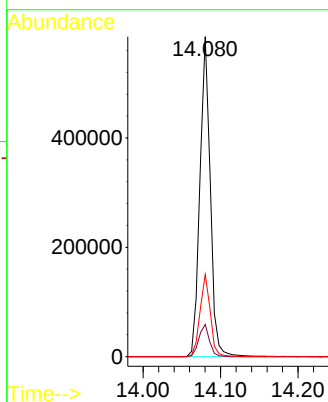
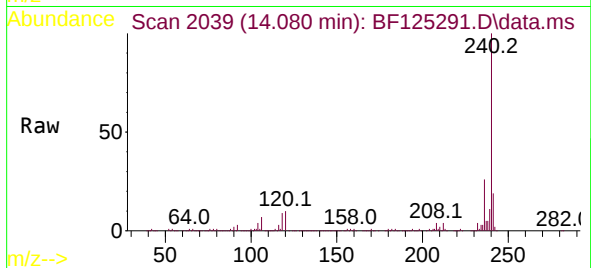




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

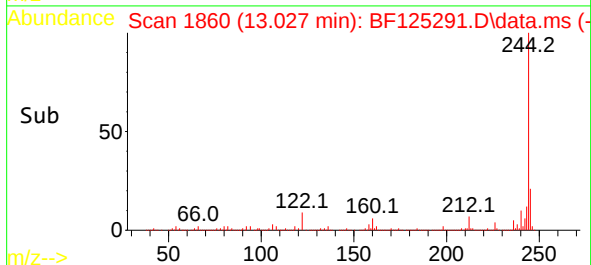
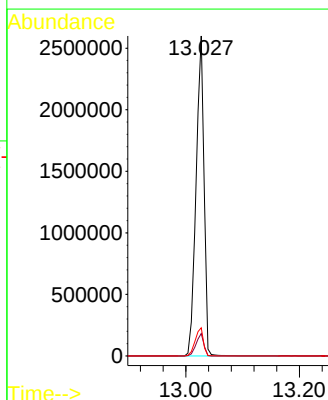
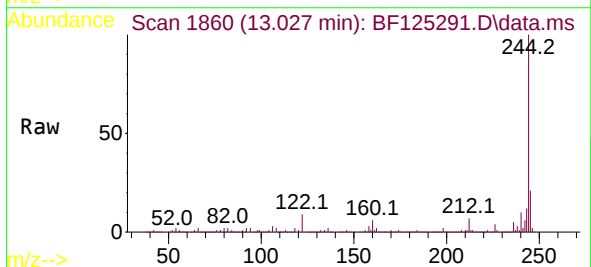
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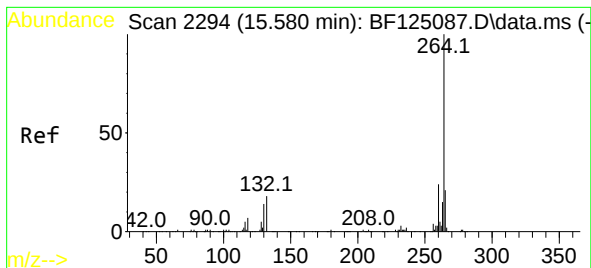
Tgt Ion:240 Resp: 545744
Ion Ratio Lower Upper
240 100
120 10.1 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 74.443 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

Tgt Ion:244 Resp: 2550200
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.8 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125291.D
Acq: 31 Aug 2021 16:32

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:264 Resp: 447852
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 22.0 17.2 25.8

