

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125452.D
 Acq On : 13 Sep 2021 19:41
 Operator : JU/CG
 Sample : M3684-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-210908B

Quant Time: Sep 14 03:30:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

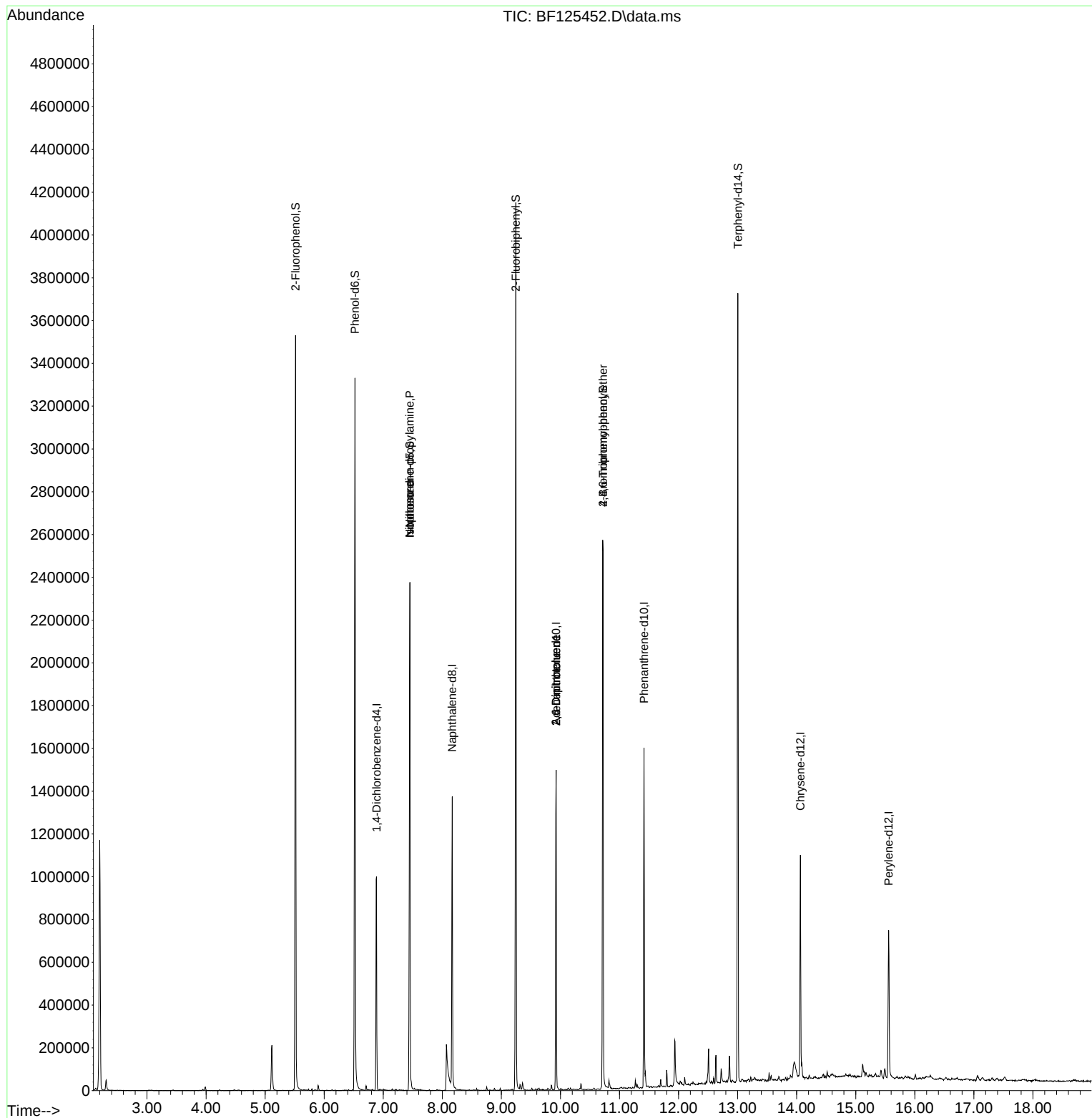
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	151477	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	584546	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	314563	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	564391	20.000	ng	0.00
76) Chrysene-d12	14.063	240	344972	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	320870	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	896967	89.627	ng	0.00
7) Phenol-d6	6.522	99	1163408	89.886	ng	-0.01
23) Nitrobenzene-d5	7.451	82	757121	65.207	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	363548	115.778	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1259563	55.807	ng	0.00
79) Terphenyl-d14	13.004	244	1282389	59.221	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	103024	13.233	ng	# 55
25) Isophorone	7.451	82	753313	33.631	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	41078	8.690	ng	# 28
57) 2,4-Dinitrotoluene	9.928	165	41078	7.180	ng	# 20
67) 4-Bromophenyl-phenylether	10.722	248	21967	3.241	ng	# 1

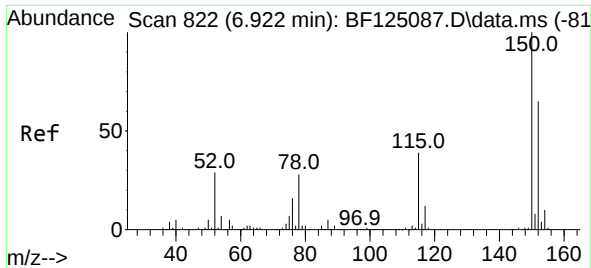
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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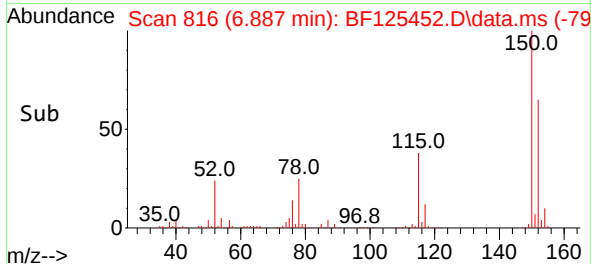
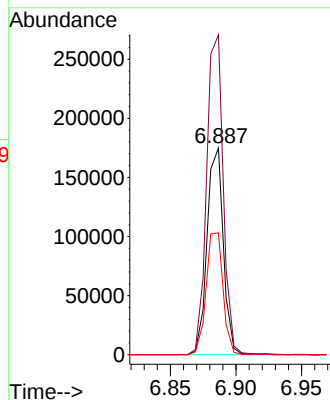
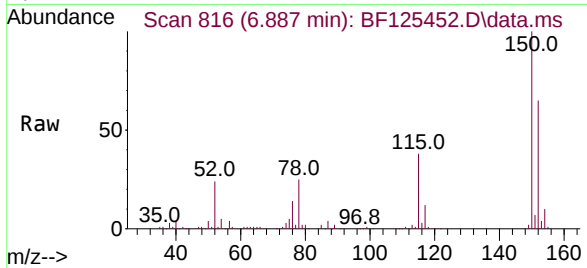




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

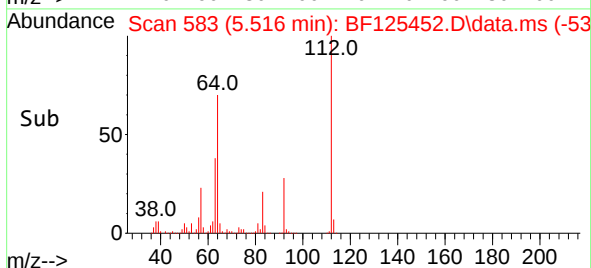
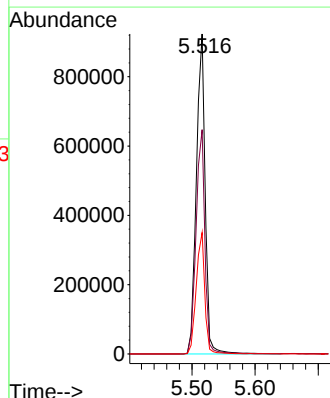
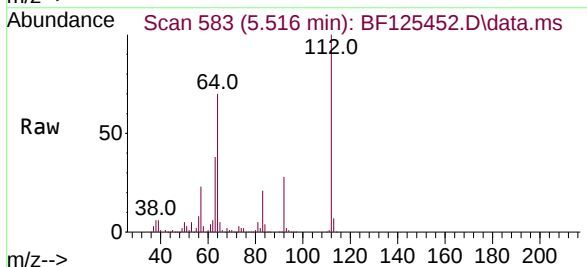
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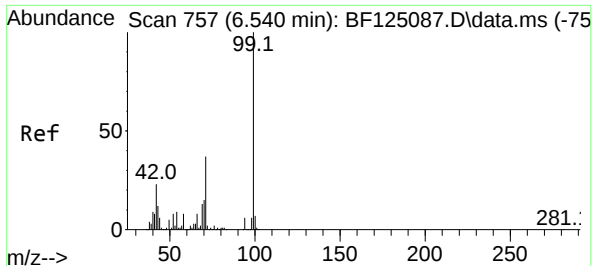
Tgt Ion:152 Resp: 151477
Ion Ratio Lower Upper
152 100
150 154.8 117.6 176.4
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 89.627 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

Tgt Ion:112 Resp: 896967
Ion Ratio Lower Upper
112 100
64 70.1 44.2 66.2#
63 38.0 26.2 39.2

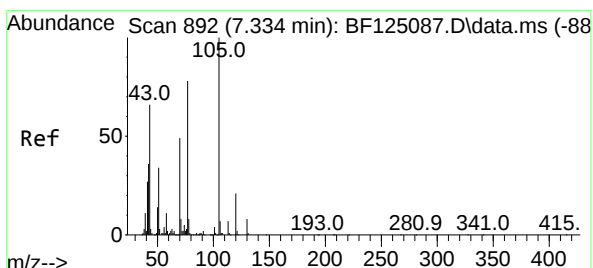
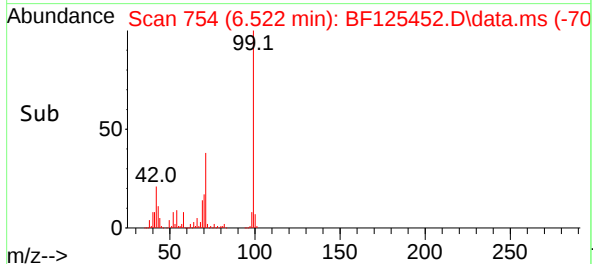
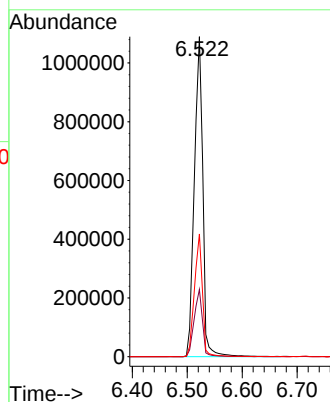
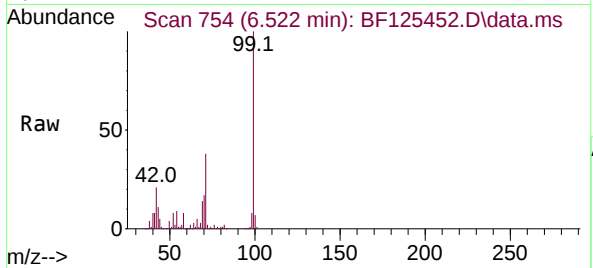




#7
Phenol-d6
Concen: 89.886 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

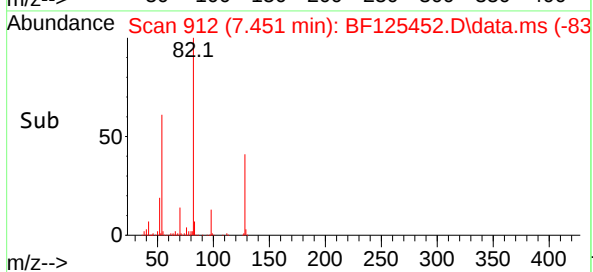
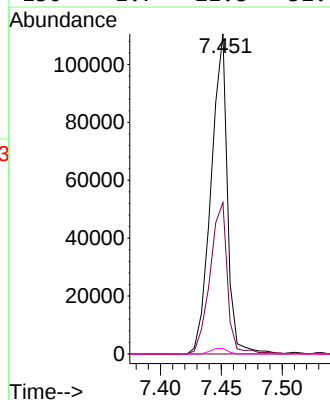
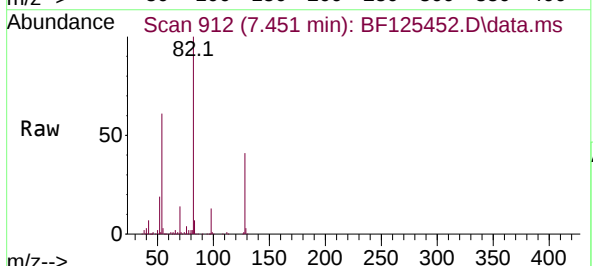
Instrument :
BNA_F
ClientSampleId :
DUP-210908B

Tgt Ion: 99 Resp: 1163408
Ion Ratio Lower Upper
99 100
42 21.0 23.5 35.3#
71 38.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.233 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

Tgt Ion: 70 Resp: 103024
Ion Ratio Lower Upper
70 100
42 47.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

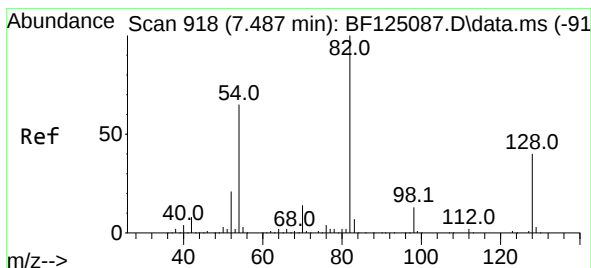
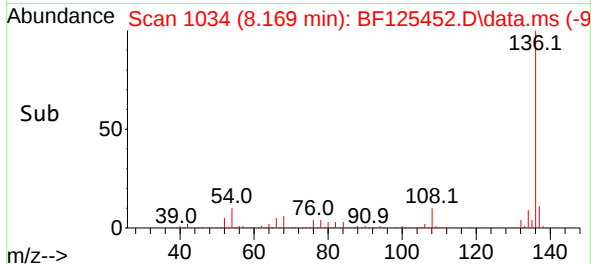
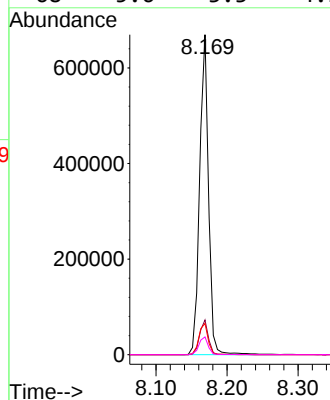
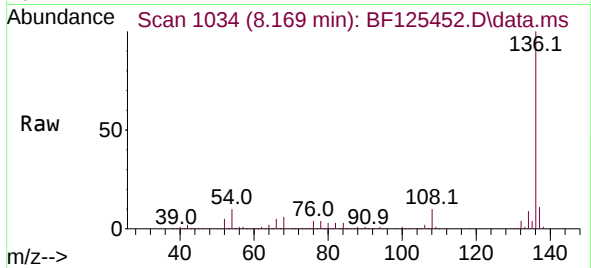




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

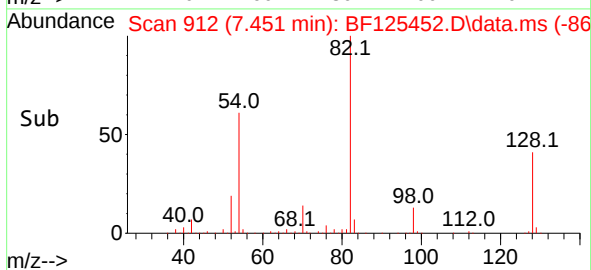
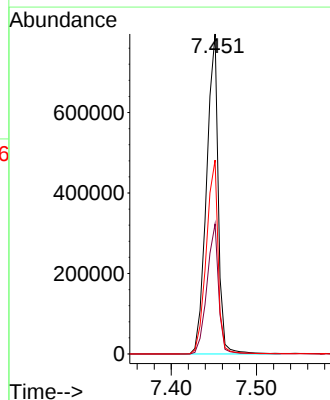
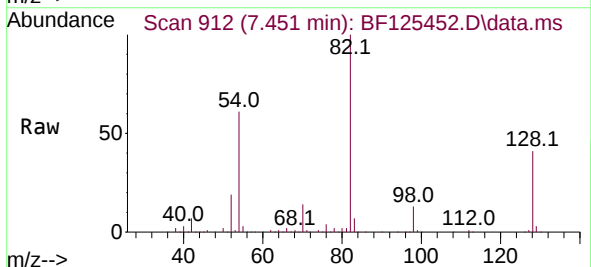
Instrument :
BNA_F
ClientSampleId :
DUP-210908B

Tgt Ion:136 Resp: 584546
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.8 6.4 9.6#
68 5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 65.207 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

Tgt Ion: 82 Resp: 757121
Ion Ratio Lower Upper
82 100
128 40.7 40.6 60.8
54 60.6 49.6 74.4

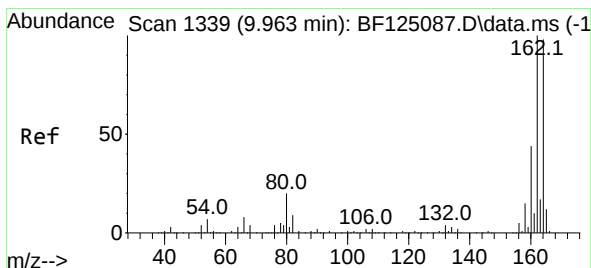
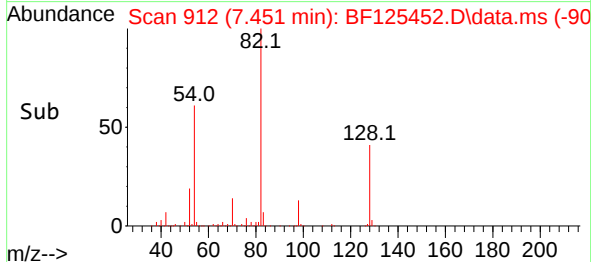
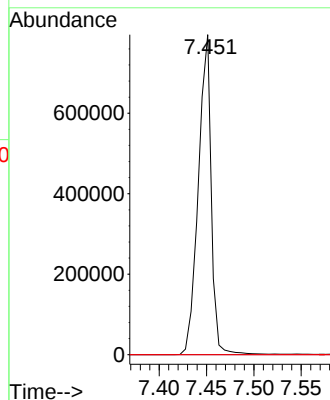
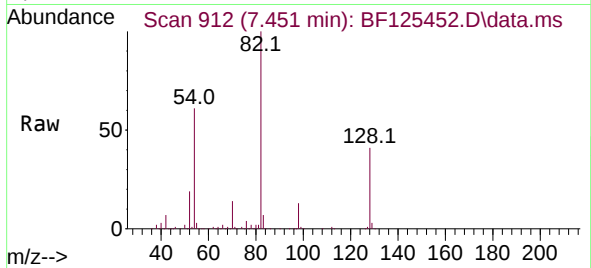




#25
Isophorone
Concen: 33.631 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.264 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

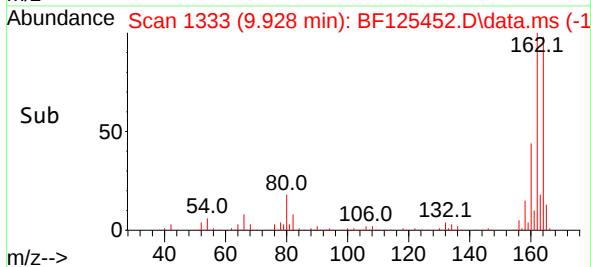
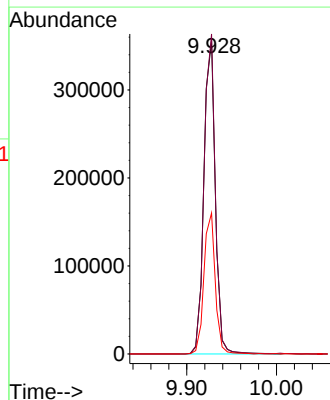
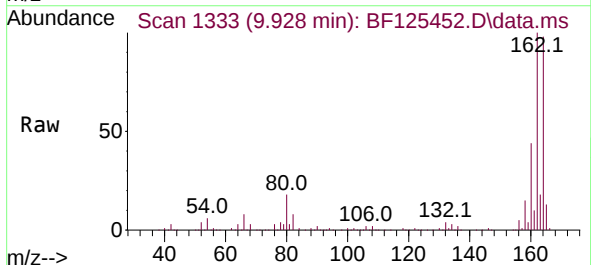
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ClientSampleId :
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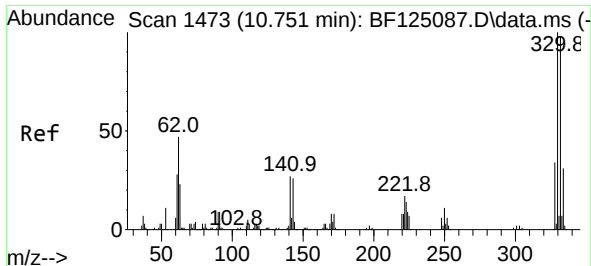
Tgt Ion: 82 Resp: 753313
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

Tgt Ion: 164 Resp: 314563
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.0 38.0 57.0

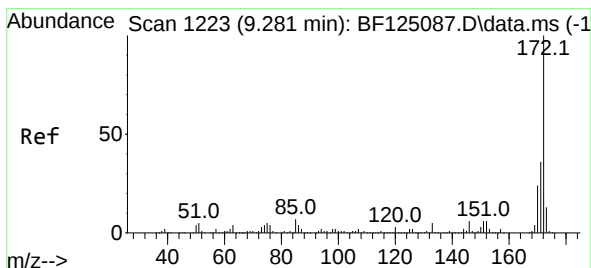
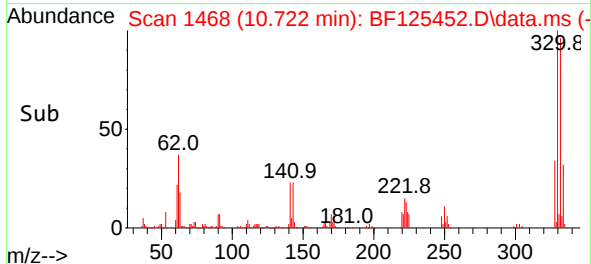
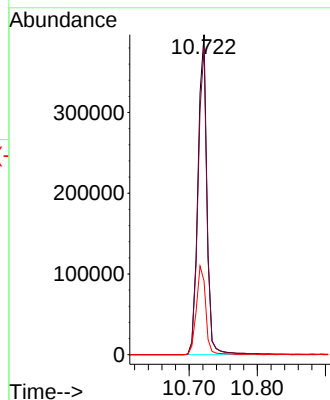
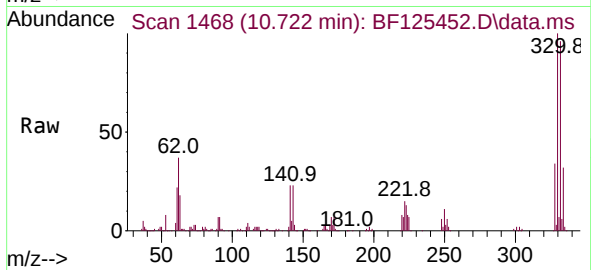




#42
2,4,6-Tribromophenol
Concen: 115.778 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

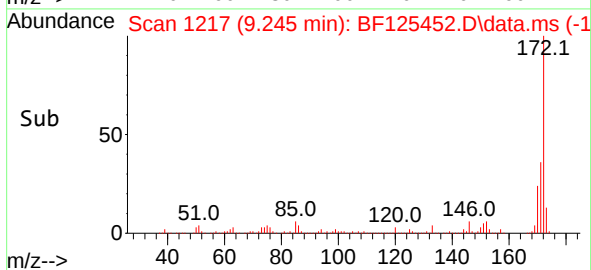
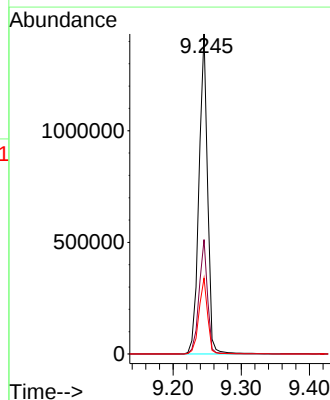
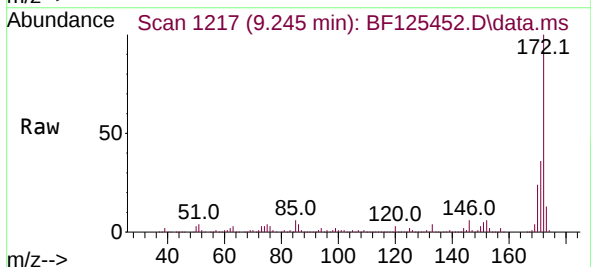
Instrument :
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DUP-210908B

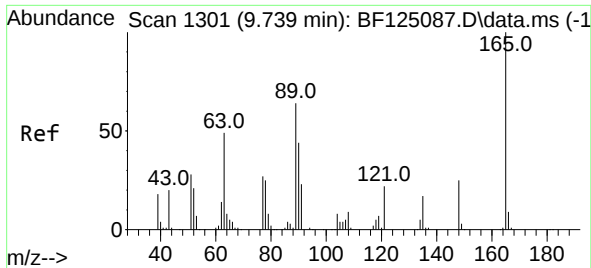
Tgt Ion:330 Resp: 363548
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 28.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 55.807 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

Tgt Ion:172 Resp: 1259563
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.7 18.8 28.2

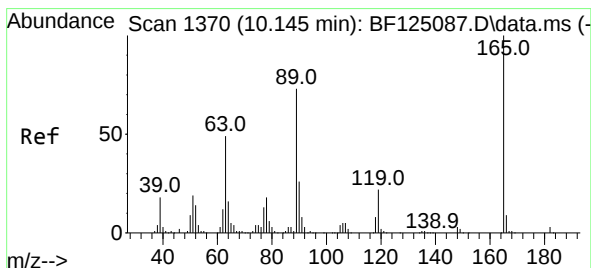
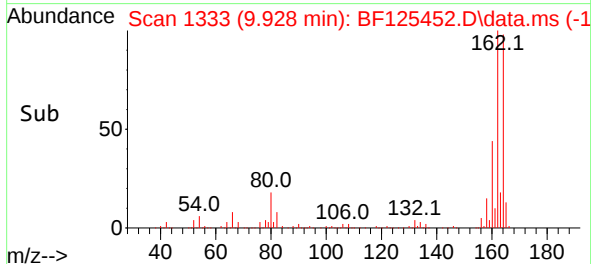
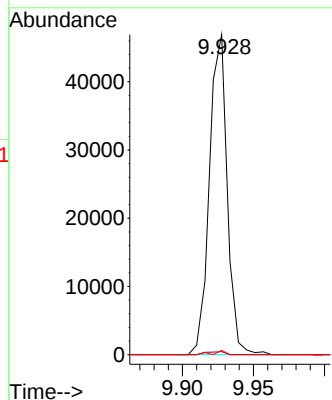
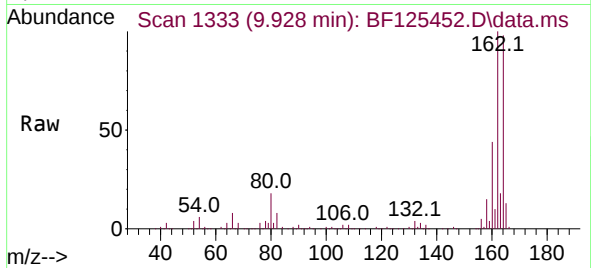




#51
2,6-Dinitrotoluene
Concen: 8.690 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

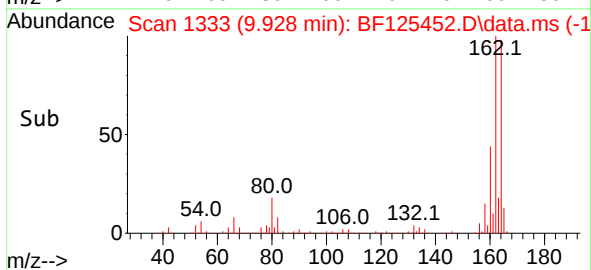
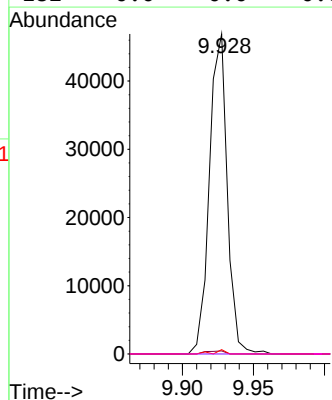
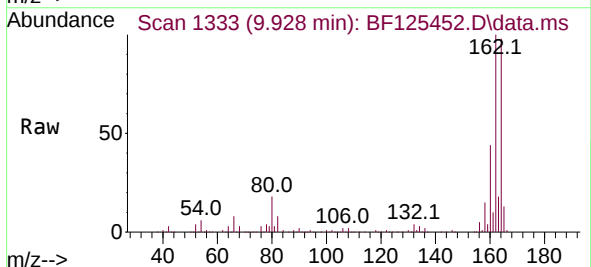
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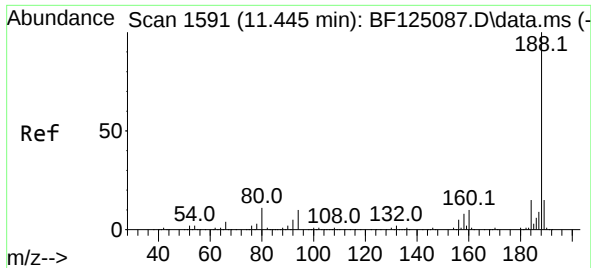
Tgt Ion:165 Resp: 41078
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.180 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

Tgt Ion:165 Resp: 41078
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

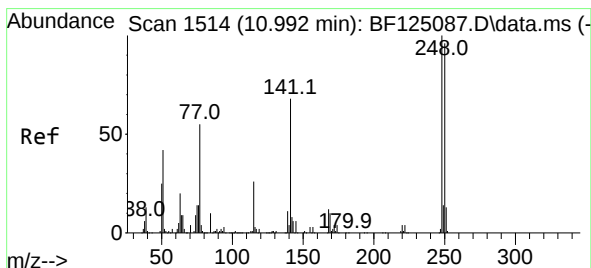
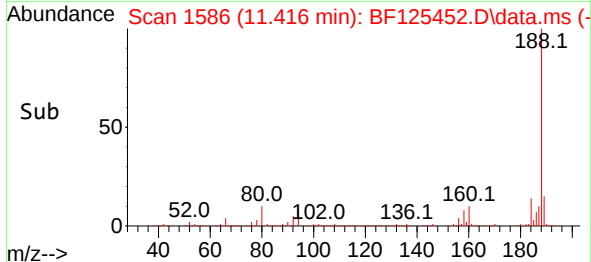
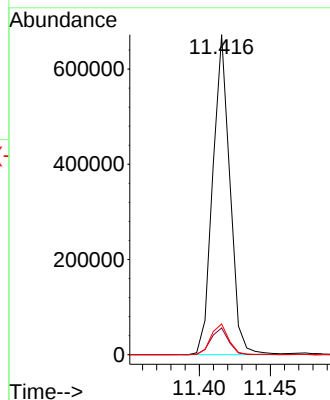
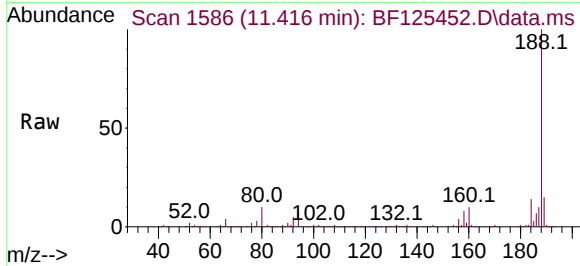




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

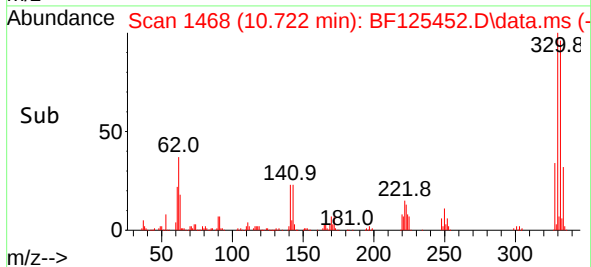
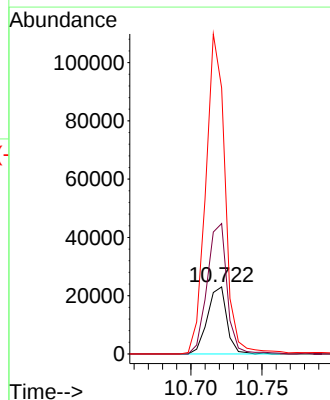
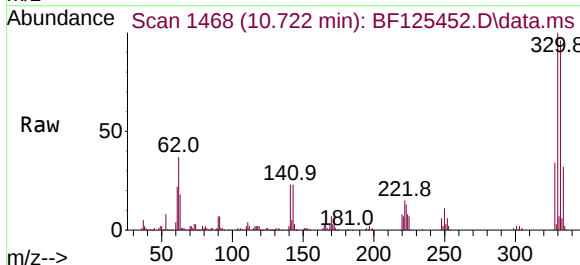
Instrument :
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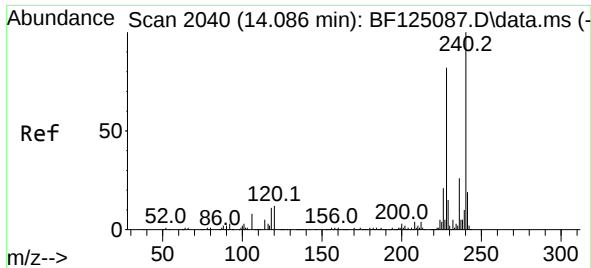
Tgt Ion:188	Resp: 564391
Ion Ratio	Lower Upper
188 100	
94 8.3	6.7 10.1
80 9.6	7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.241 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

Tgt Ion:248	Resp: 21967
Ion Ratio	Lower Upper
248 100	
250 194.7	74.2 111.4#
141 397.0	60.4 90.6#

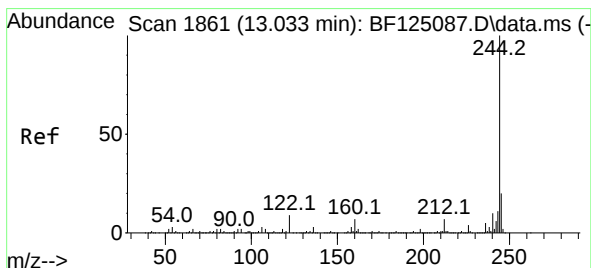
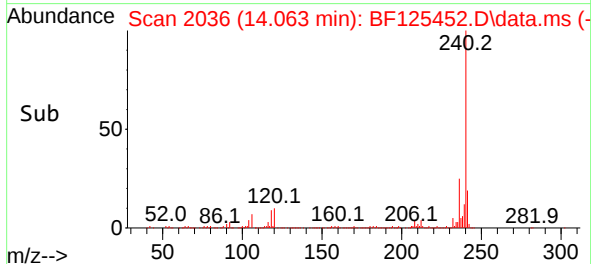
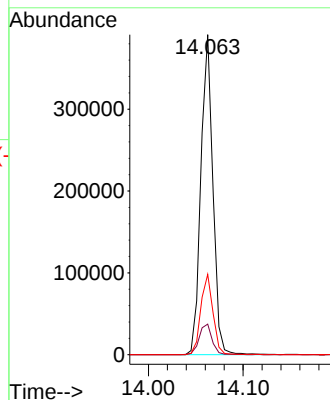
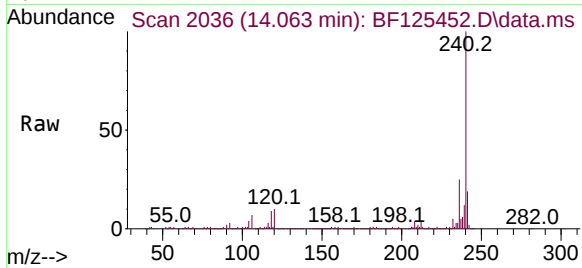




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

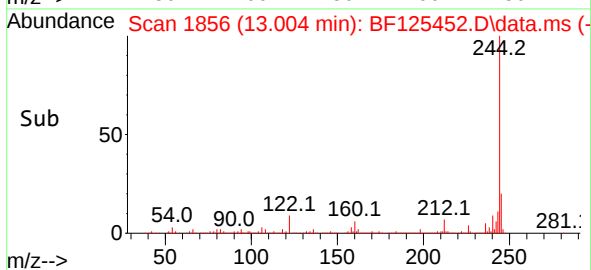
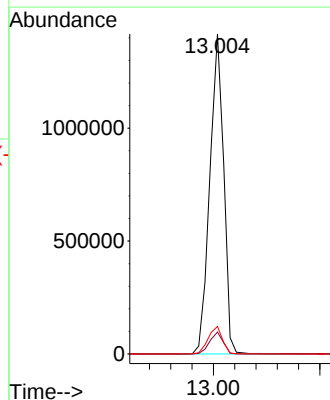
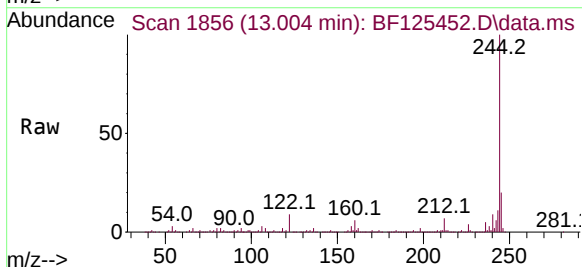
Instrument :
BNA_F
ClientSampleId :
DUP-210908B

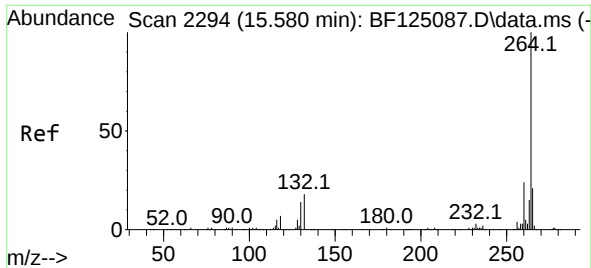
Tgt Ion:240 Resp: 344972
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 25.1 21.6 32.4



#79
Terphenyl-d14
Concen: 59.221 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125452.D
Acq: 13 Sep 2021 19:41

Tgt Ion:244 Resp: 1282389
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.6 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.012 min
 Lab File: BF125452.D
 Acq: 13 Sep 2021 19:41

Instrument :
 BNA_F
 ClientSampleId :
 DUP-210908B

Tgt Ion:264	Resp:	320870
Ion	Ratio	Lower Upper
264	100	
260	24.3	19.6 29.4
265	21.3	17.2 25.8

