

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125423.D
 Acq On : 10 Sep 2021 14:40
 Operator : JU/CG
 Sample : M3688-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A688

Quant Time: Sep 10 17:14:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

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

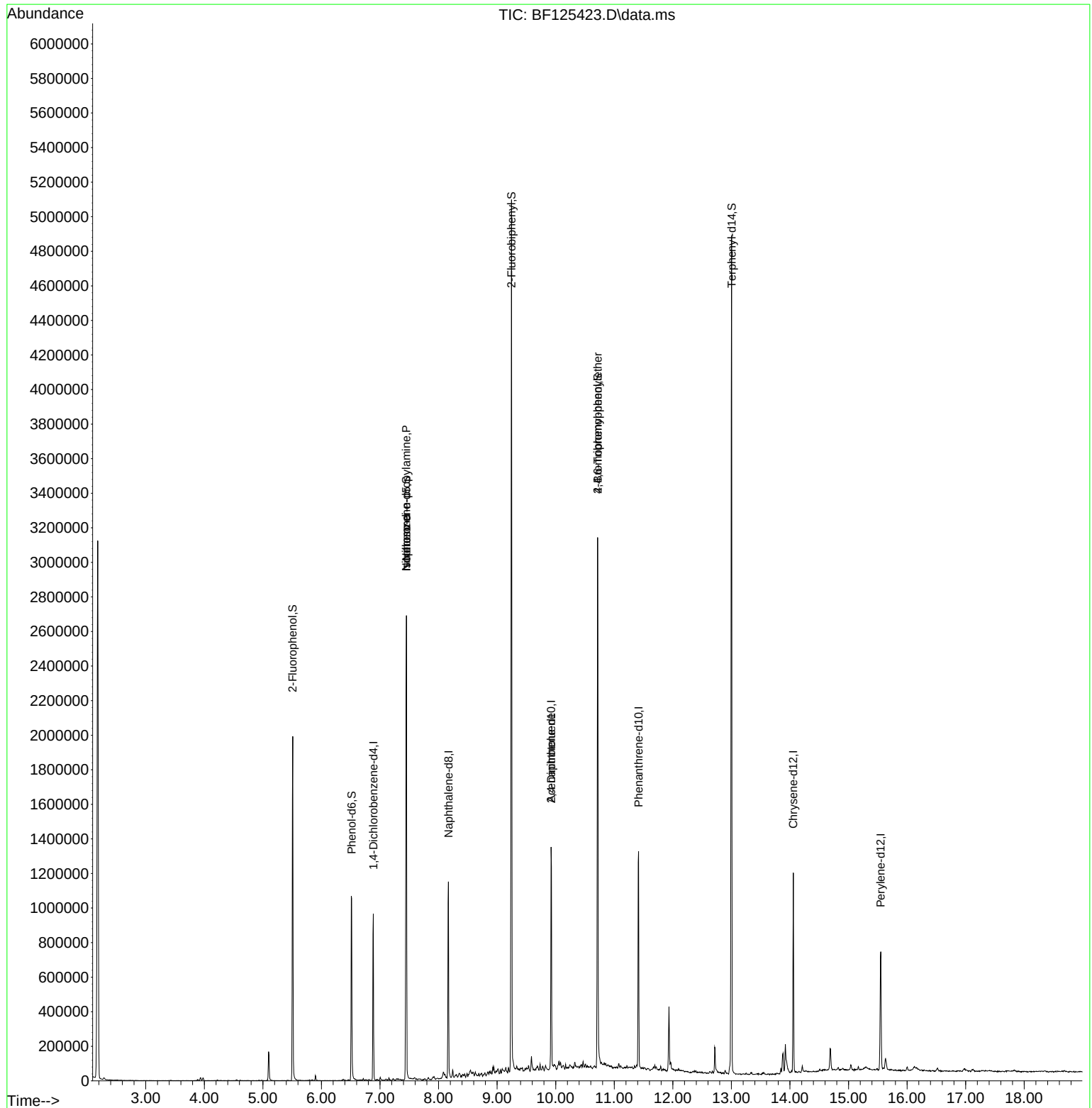
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	137275	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	525025	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	279677	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	491980	20.000	ng	0.00
76) Chrysene-d12	14.057	240	365194	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	322438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	485957	53.582	ng	0.00
7) Phenol-d6	6.516	99	371127	31.640	ng	-0.01
23) Nitrobenzene-d5	7.451	82	899232	86.226	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	424922	152.204	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1618905	80.676	ng	0.00
79) Terphenyl-d14	13.004	244	1756018	76.603	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	120849	17.129	ng	# 55
25) Isophorone	7.451	82	899218	44.696	ng	# 59
57) 2,4-Dinitrotoluene	9.922	165	36165	7.110	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	24740	4.188	ng	# 1

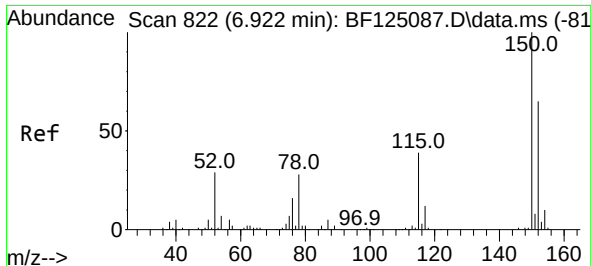
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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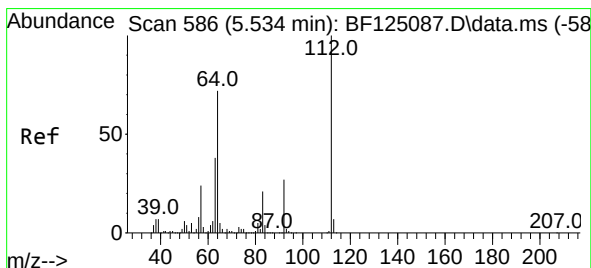
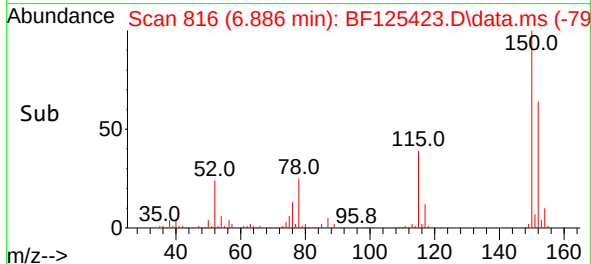
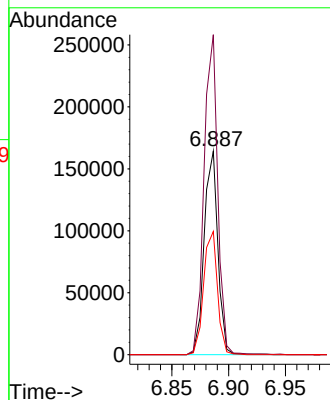
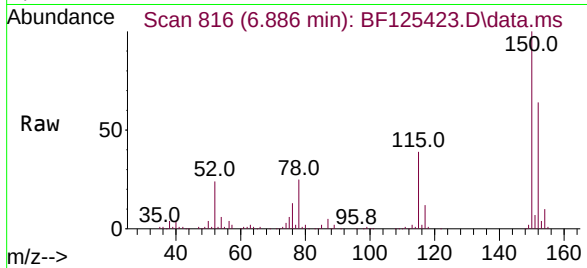




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF125423.D
 Acq: 10 Sep 2021 14:40

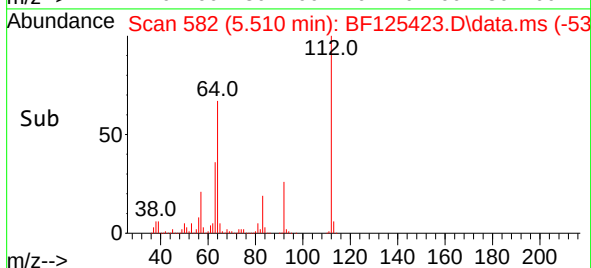
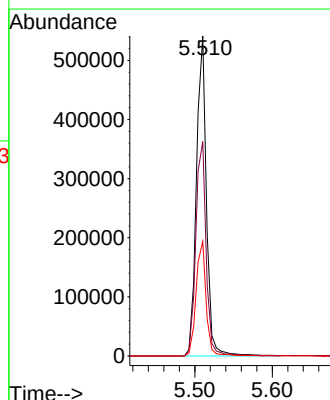
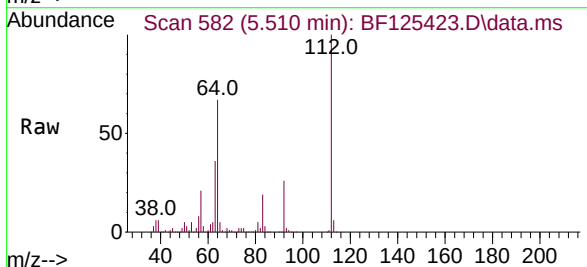
Instrument :
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 ClientSampleId :
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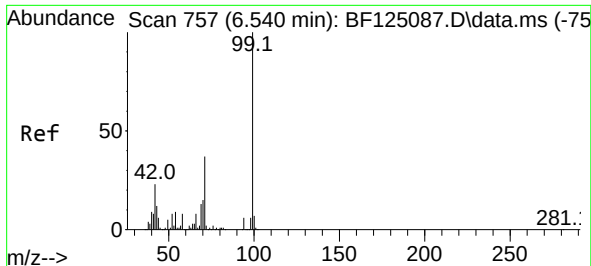
Tgt Ion:152 Resp: 137275
 Ion Ratio Lower Upper
 152 100
 150 157.2 117.6 176.4
 115 60.6 47.1 70.7



#5
 2-Fluorophenol
 Concen: 53.582 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.000 min
 Lab File: BF125423.D
 Acq: 10 Sep 2021 14:40

Tgt Ion:112 Resp: 485957
 Ion Ratio Lower Upper
 112 100
 64 67.0 44.2 66.2#
 63 35.8 26.2 39.2

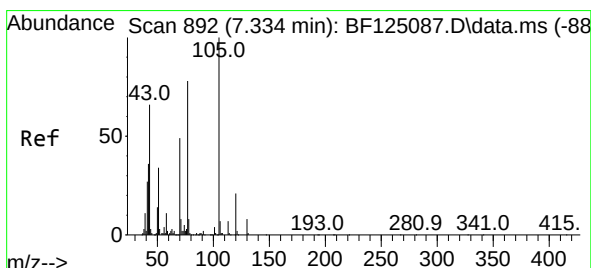
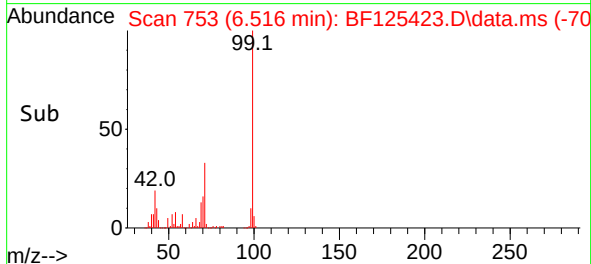
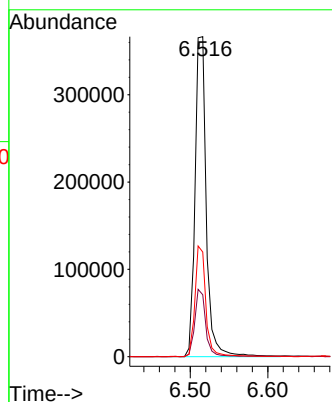
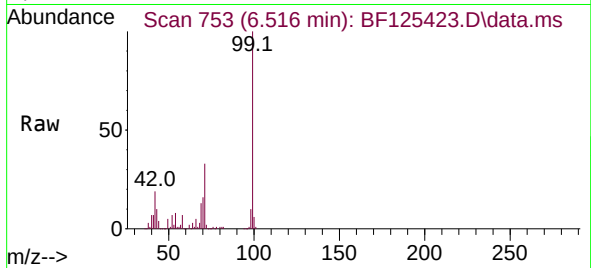




#7
Phenol-d6
Concen: 31.640 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

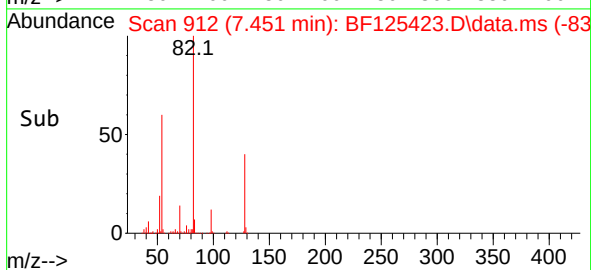
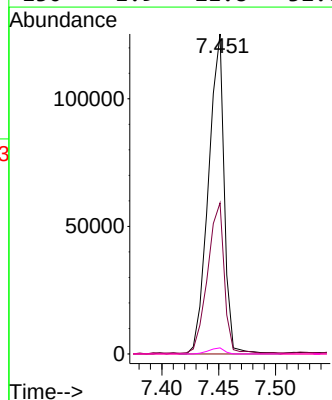
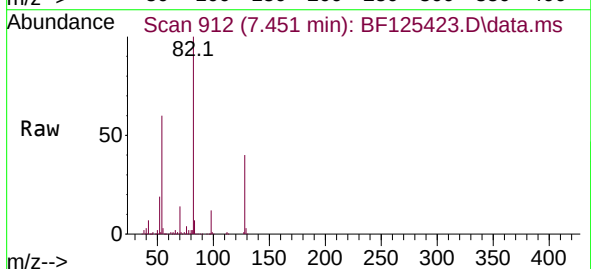
Instrument :
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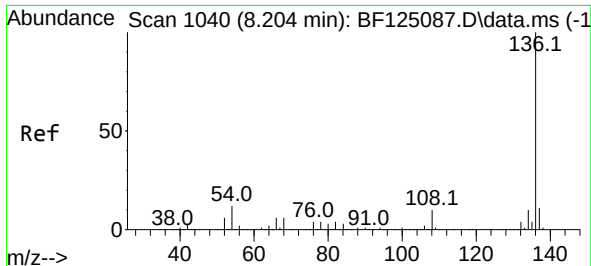
Tgt Ion: 99 Resp: 371127
Ion Ratio Lower Upper
99 100
42 19.3 23.5 35.3#
71 32.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.129 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

Tgt Ion: 70 Resp: 120849
Ion Ratio Lower Upper
70 100
42 47.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

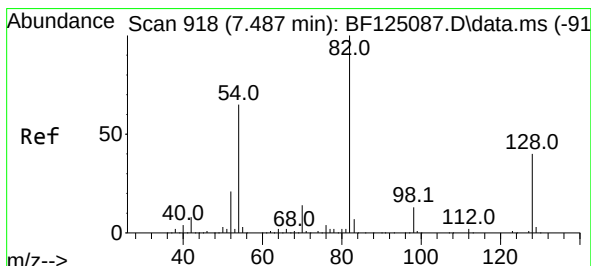
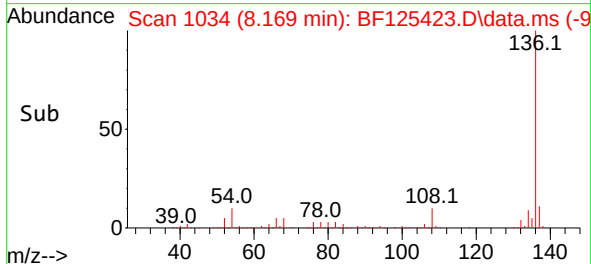
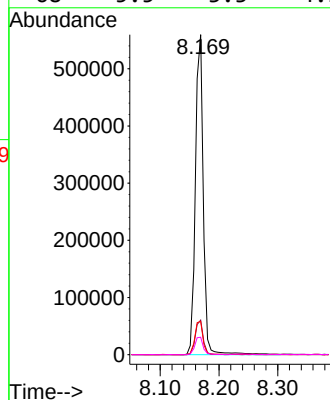
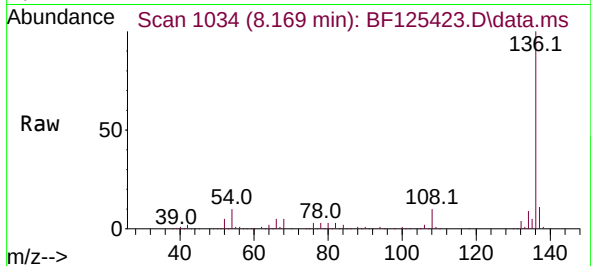




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

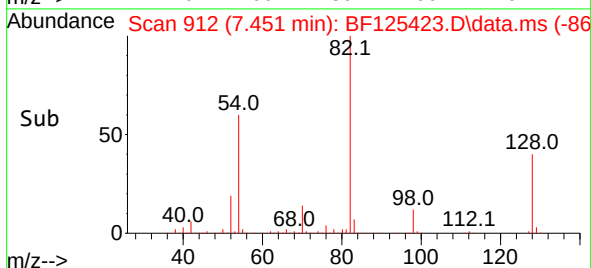
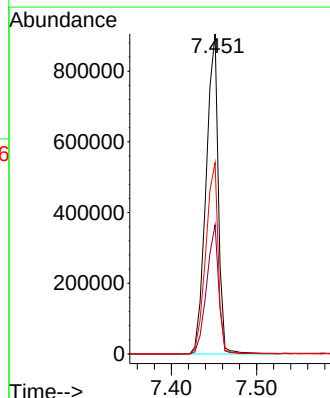
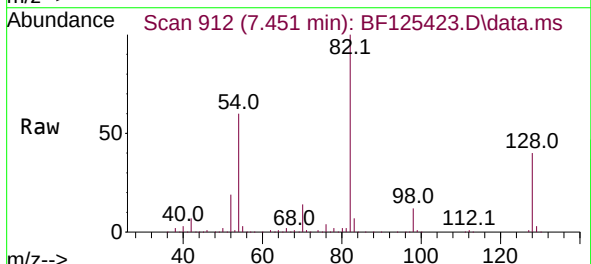
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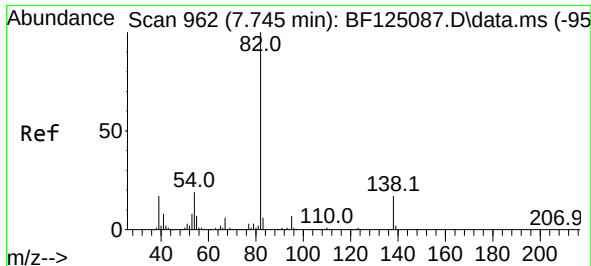
Tgt Ion:136 Resp: 525025
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.4 6.4 9.6#
68 5.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 86.226 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

Tgt Ion: 82 Resp: 899232
Ion Ratio Lower Upper
82 100
128 40.4 40.6 60.8#
54 59.8 49.6 74.4

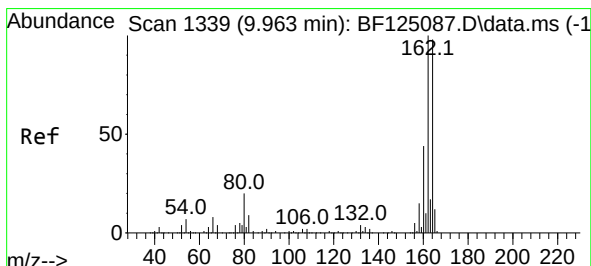
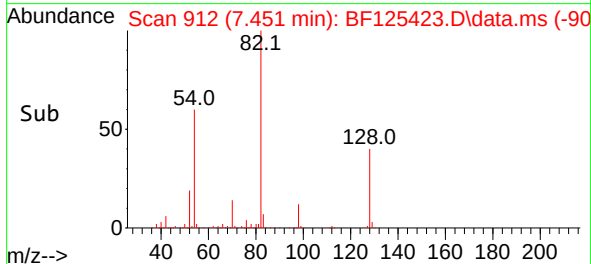
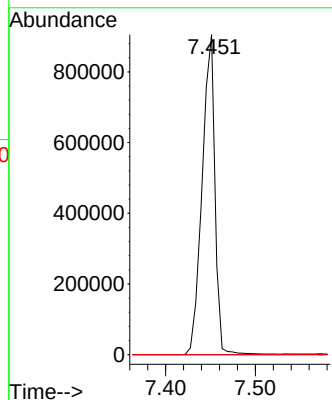
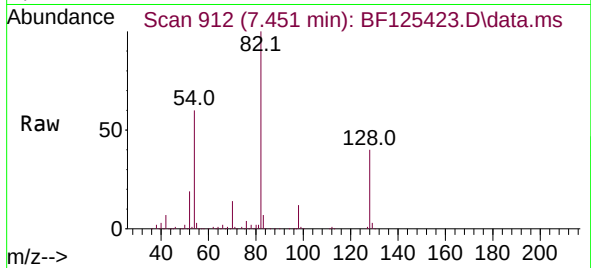




#25
Isophorone
Concen: 44.696 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

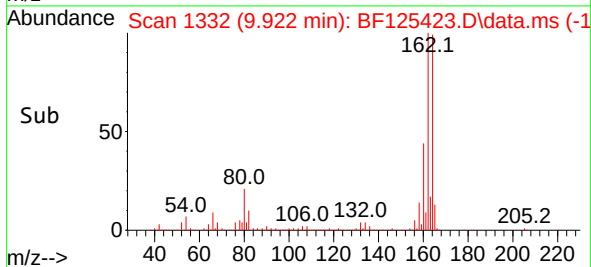
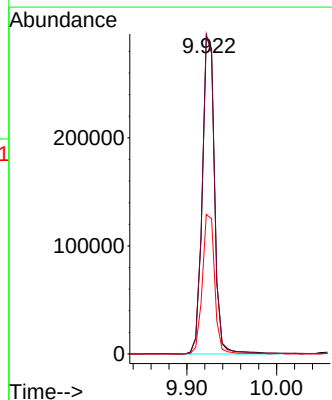
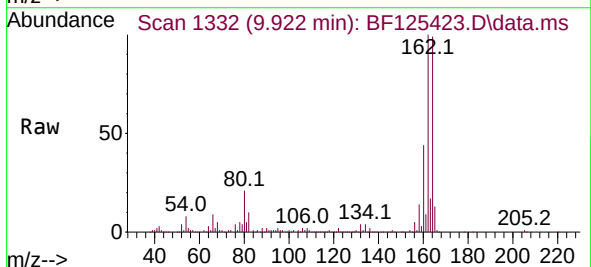
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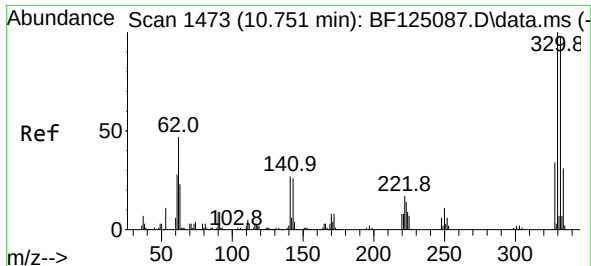
Tgt Ion: 82 Resp: 899218
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

Tgt Ion:164 Resp: 279677
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.0 38.0 57.0

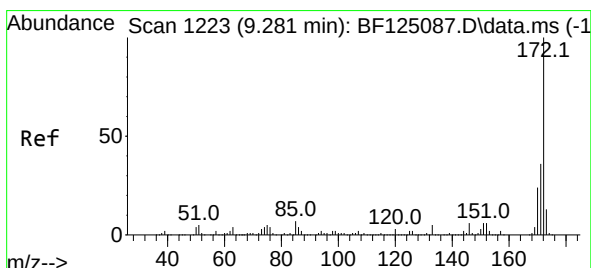
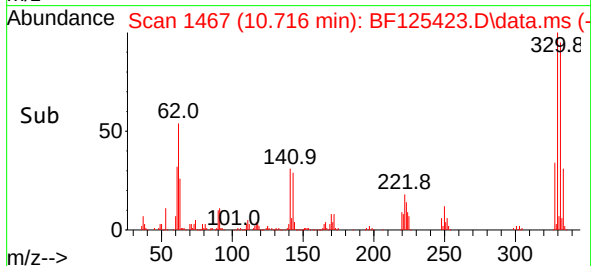
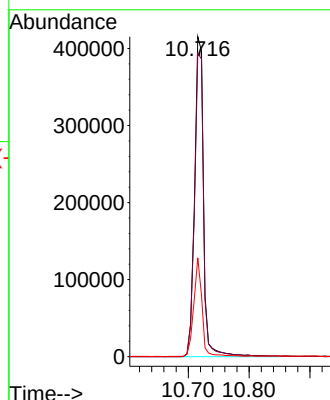
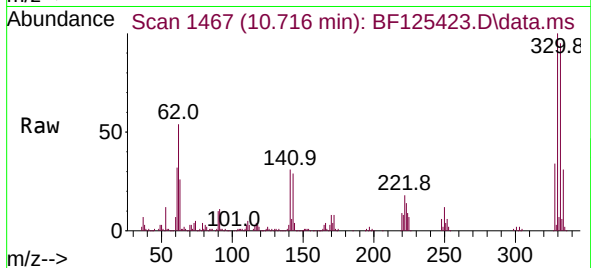




#42
2,4,6-Tribromophenol
Concen: 152.204 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

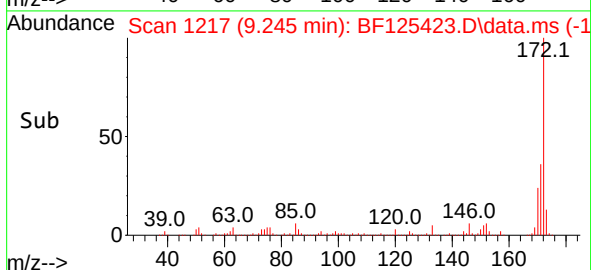
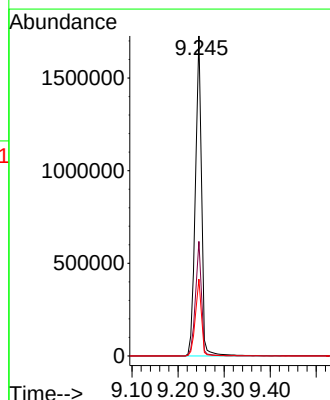
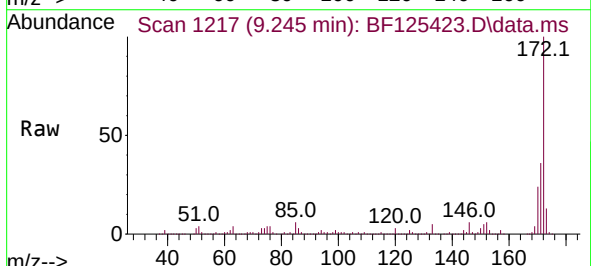
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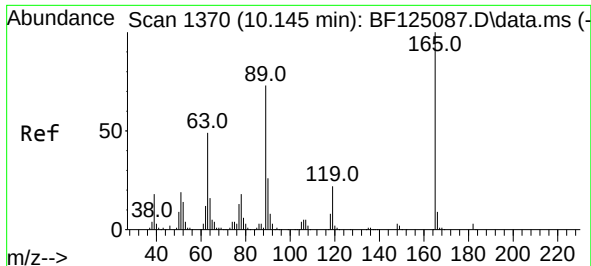
Tgt Ion: 330 Resp: 424922
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 28.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 80.676 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

Tgt Ion: 172 Resp: 1618905
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.0 18.8 28.2

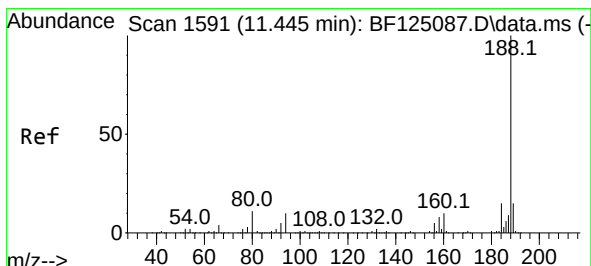
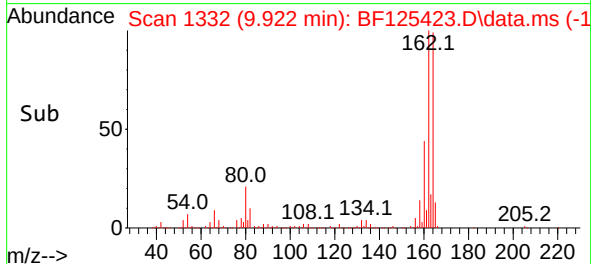
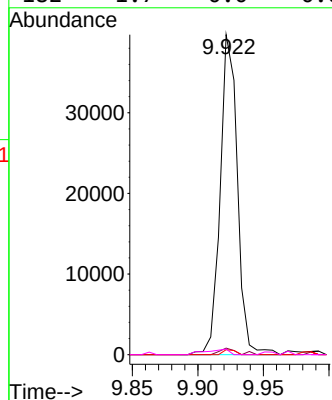
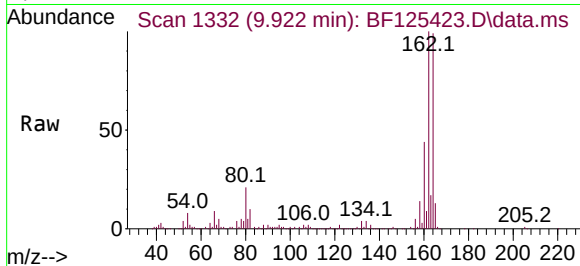




#57
2,4-Dinitrotoluene
Concen: 7.110 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.200 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

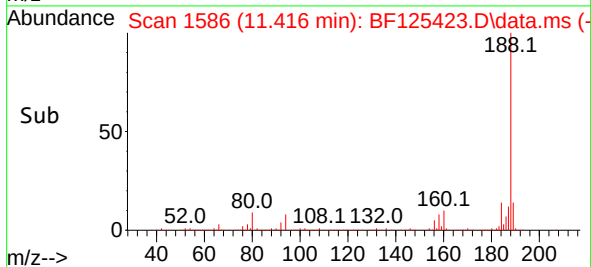
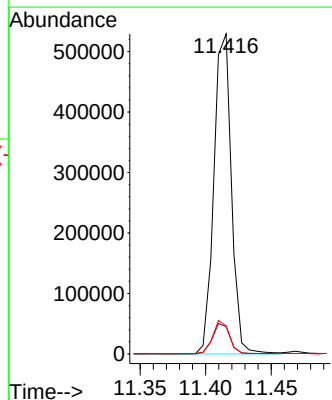
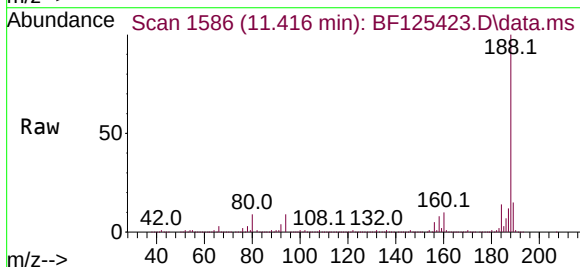
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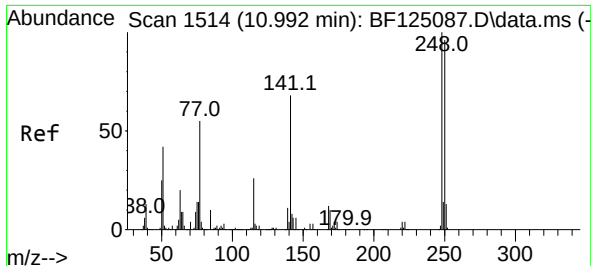
Tgt Ion:165	Resp:	36165
Ion Ratio	Lower	Upper
165	100	
63	2.0	40.9 61.3#
89	1.6	59.7 89.5#
182	1.7	0.0 0.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

Tgt Ion:188	Resp:	491980
Ion Ratio	Lower	Upper
188	100	
94	8.6	6.7 10.1
80	8.8	7.5 11.3

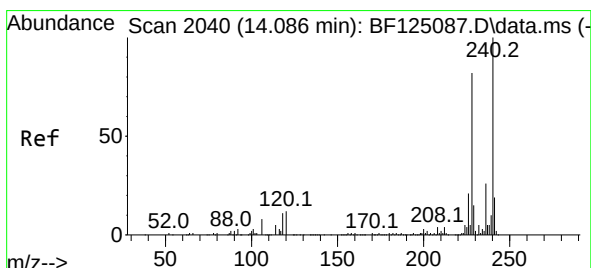
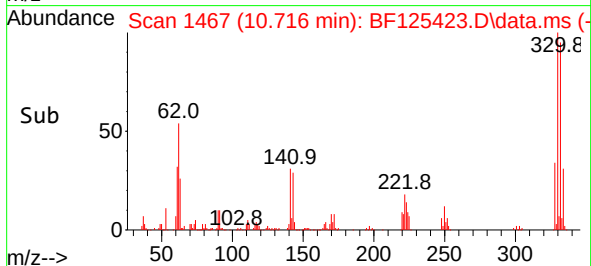
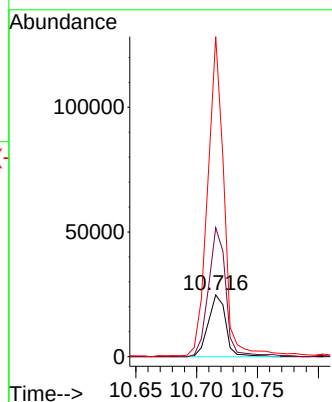
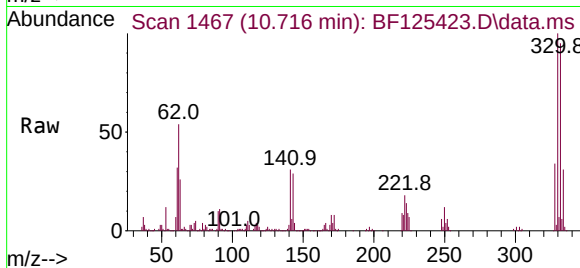




#67
4-Bromophenyl-phenylether
Concen: 4.188 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

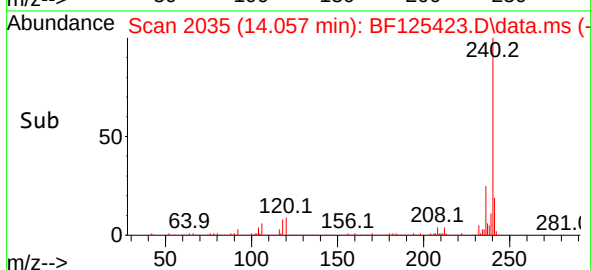
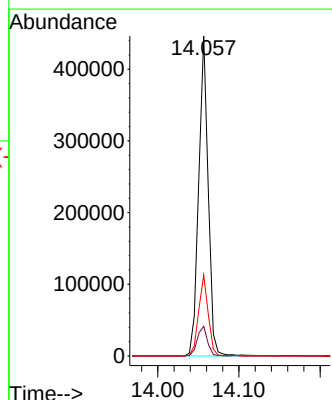
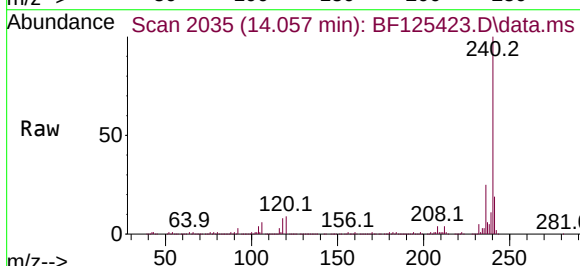
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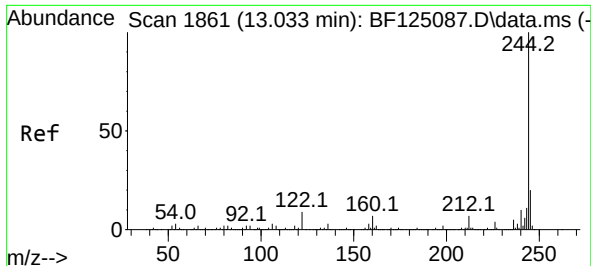
Tgt Ion:248 Resp: 24740
Ion Ratio Lower Upper
248 100
250 209.1 74.2 111.4#
141 518.6 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

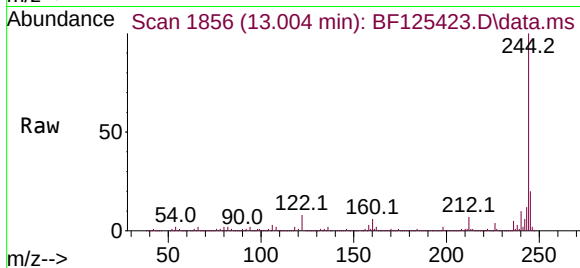
Tgt Ion:240 Resp: 365194
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 25.3 21.6 32.4



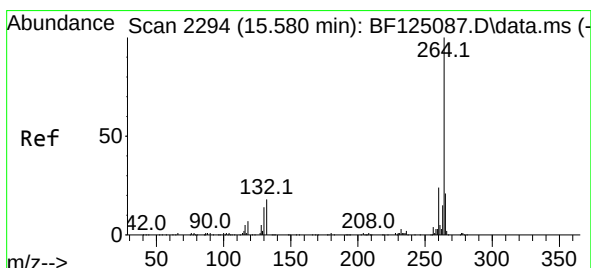
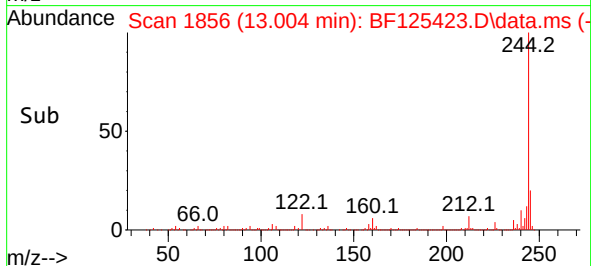
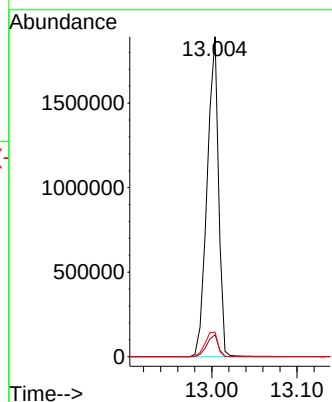


#79
Terphenyl-d14
Concen: 76.603 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1756018
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 7.6 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF125423.D
Acq: 10 Sep 2021 14:40

Tgt Ion:264 Resp: 322438
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 21.1 17.2 25.8

