

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
 Data File : BF125077.D
 Acq On : 17 Aug 2021 20:01
 Operator : JU/CG
 Sample : M3428-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: Aug 18 05:02:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 17 16:45:36 2021
 Response via : Initial Calibration

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

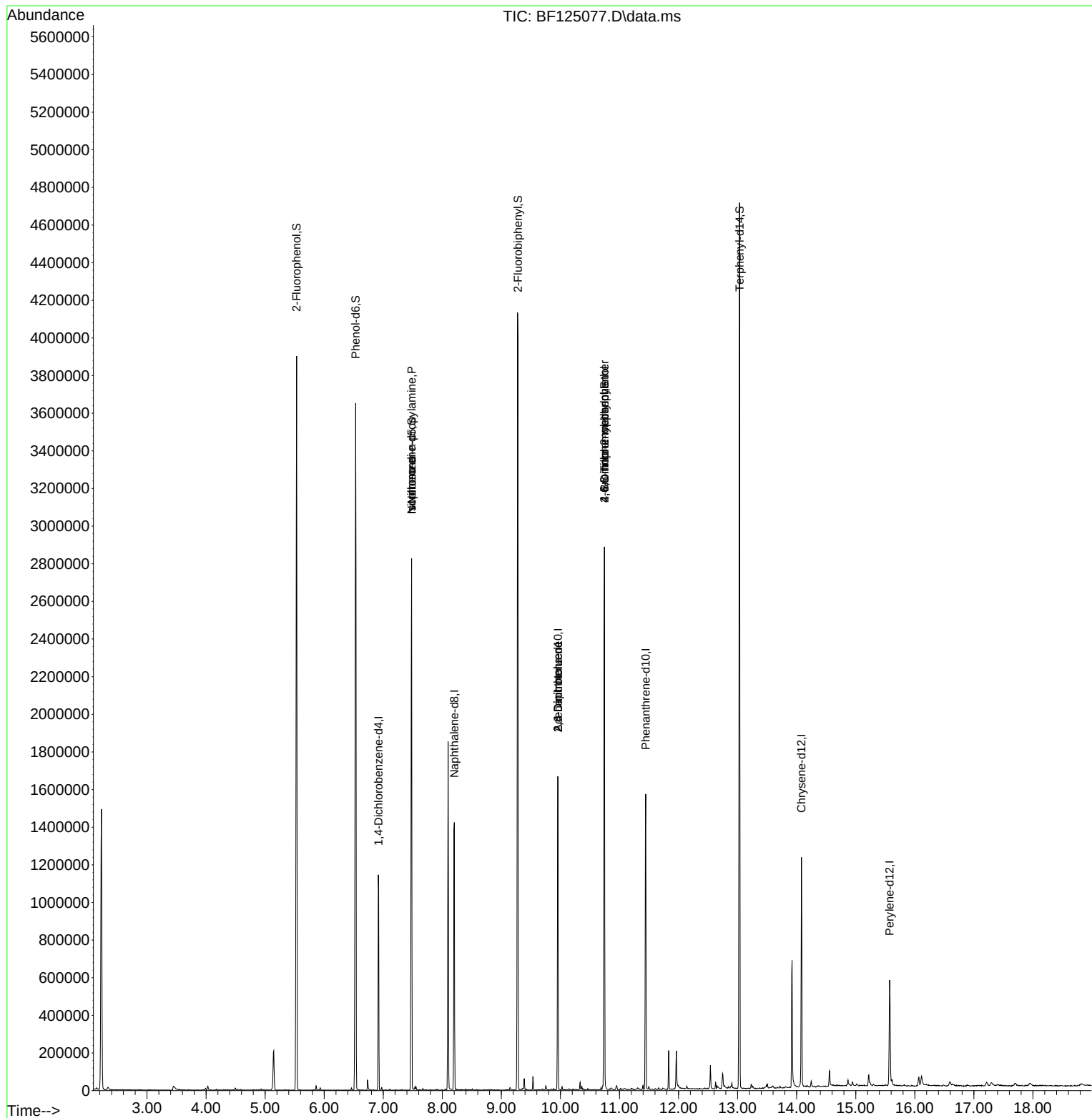
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	160949	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	622660	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	294413	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	552737	20.000	ng	0.00
76) Chrysene-d12	14.080	240	393124	20.000	ng	0.00
86) Perylene-d12	15.574	264	252830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1016841	94.384	ng	0.00
7) Phenol-d6	6.534	99	1259055	95.012	ng	0.00
23) Nitrobenzene-d5	7.481	82	835199	74.214	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	324841	118.180	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1337714	60.562	ng	0.00
79) Terphenyl-d14	13.033	244	1535488	56.241	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	116880	13.587	ng	# 63
25) Isophorone	7.481	82	831749	33.953	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	37981	9.459	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	37981	7.943	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.745	198	650	5.474	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	18651	3.202	ng	# 1

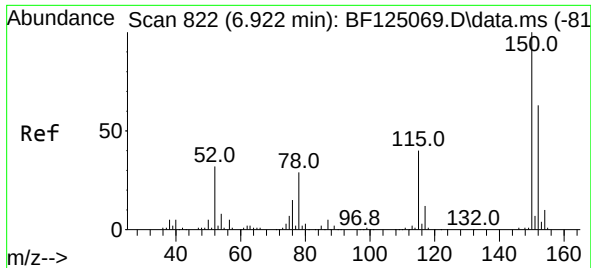
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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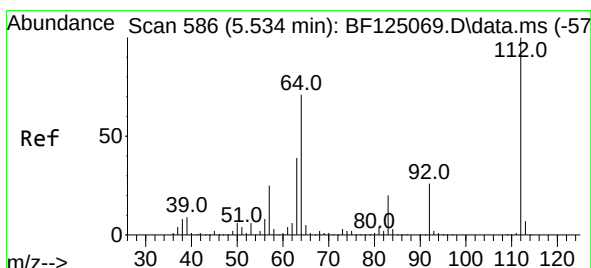
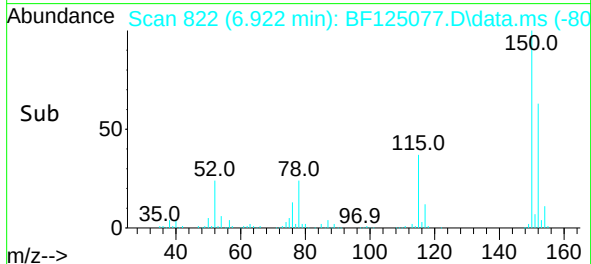
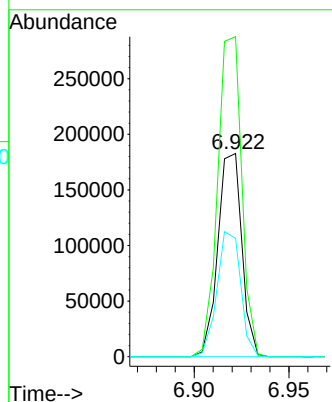
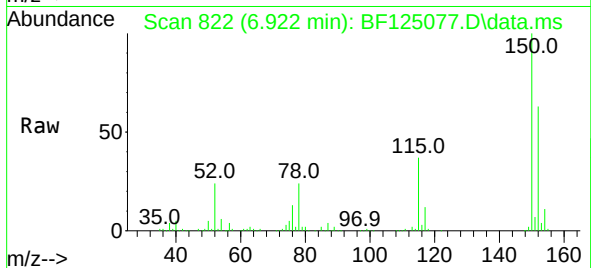




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 822
 Delta R.T. -0.000 min
 Lab File: BF125077.D
 Acq: 17 Aug 2021 20:01

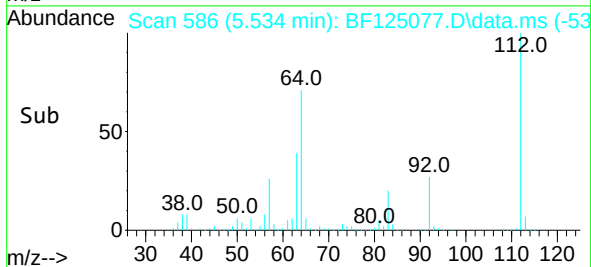
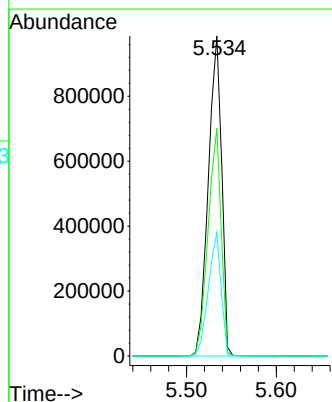
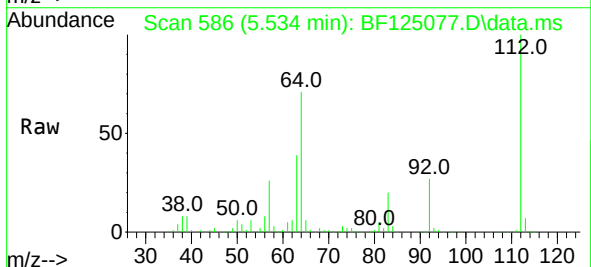
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

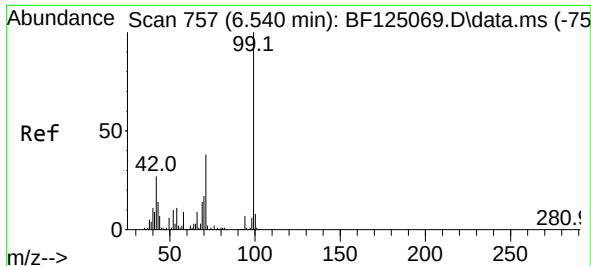
Tgt Ion:152 Resp: 160949
 Ion Ratio Lower Upper
 152 100
 150 157.5 117.6 176.4
 115 58.3 47.1 70.7



#5
 2-Fluorophenol
 Concen: 94.384 ng
 RT: 5.534 min Scan# 586
 Delta R.T. -0.000 min
 Lab File: BF125077.D
 Acq: 17 Aug 2021 20:01

Tgt Ion:112 Resp: 1016841
 Ion Ratio Lower Upper
 112 100
 64 71.1 44.2 66.2#
 63 38.6 26.2 39.2

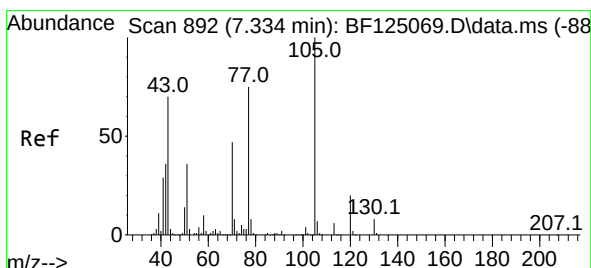
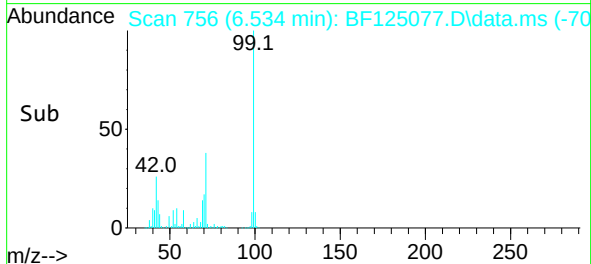
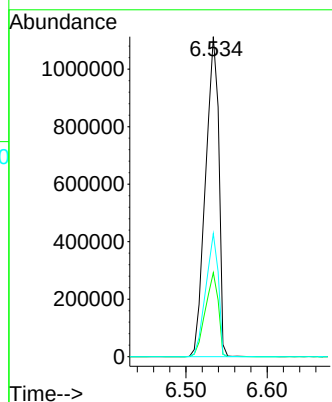
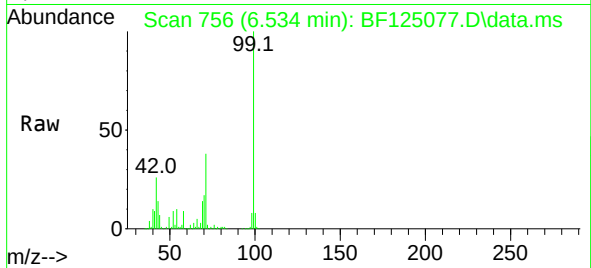




#7
Phenol-d6
Concen: 95.012 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

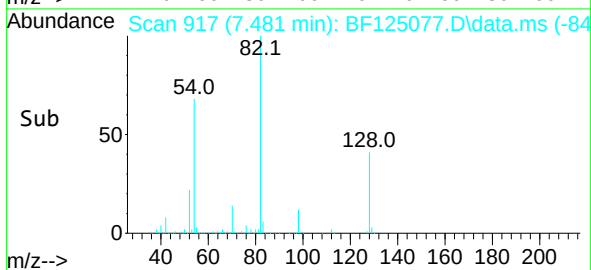
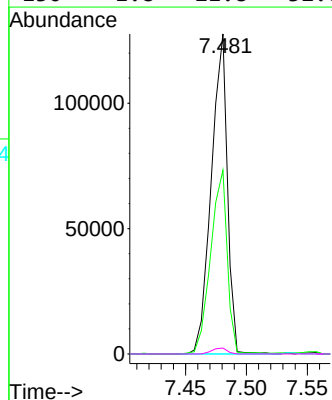
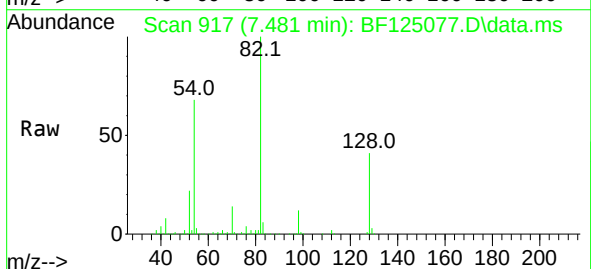
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

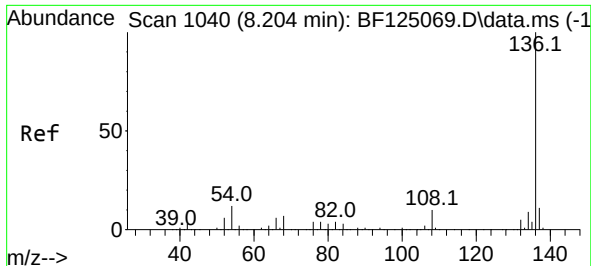
Tgt Ion: 99 Resp: 1259055
Ion Ratio Lower Upper
99 100
42 26.3 23.5 35.3
71 38.4 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.587 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

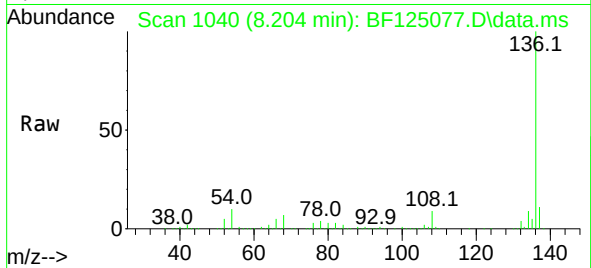
Tgt Ion: 70 Resp: 116880
Ion Ratio Lower Upper
70 100
42 57.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



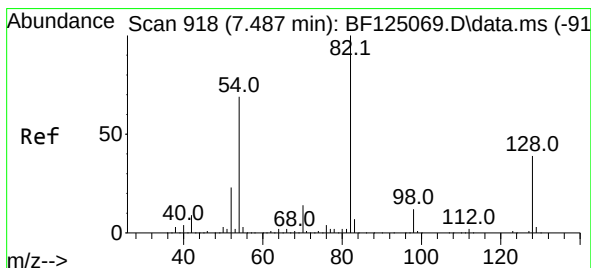
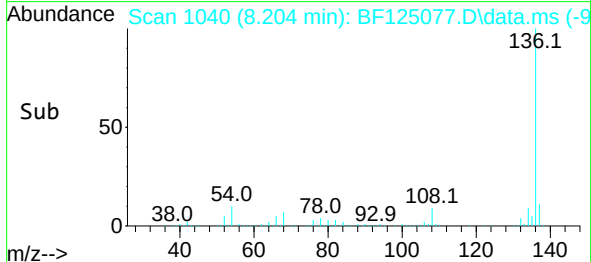
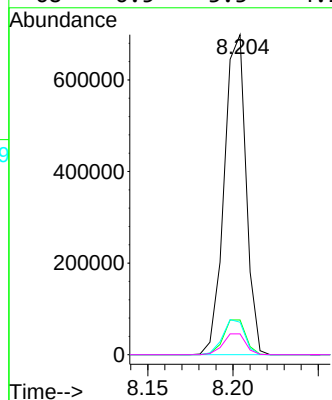


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

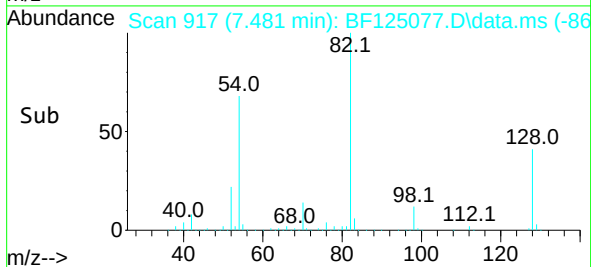
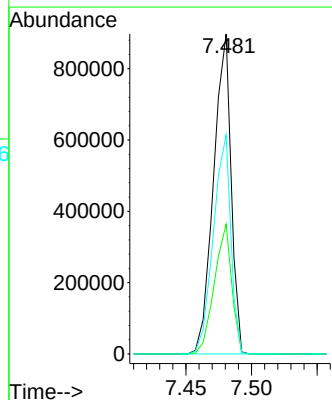
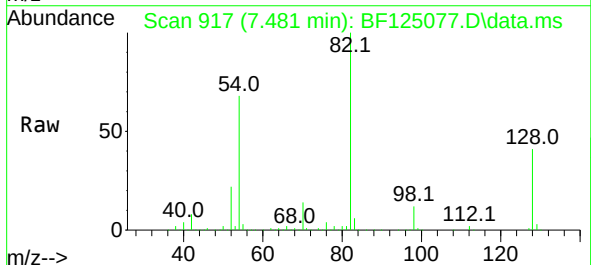


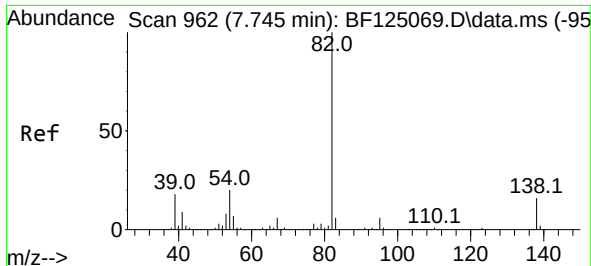
Tgt Ion:136 Resp: 622660
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.1 6.4 9.6#
68 6.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 74.214 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

Tgt Ion: 82 Resp: 835199
Ion Ratio Lower Upper
82 100
128 40.5 40.6 60.8#
54 68.5 49.6 74.4

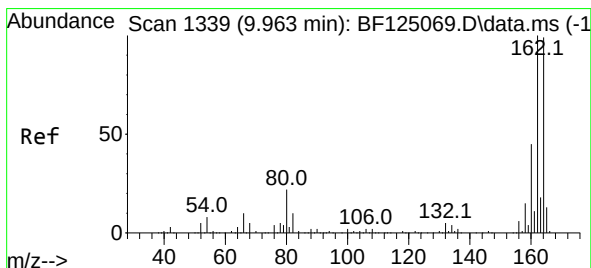
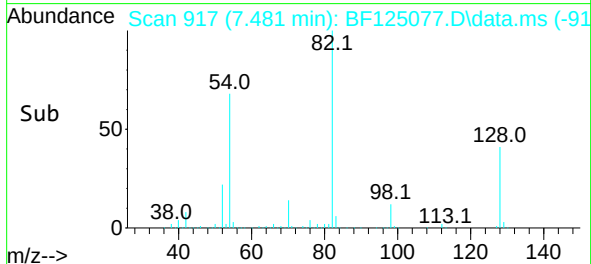
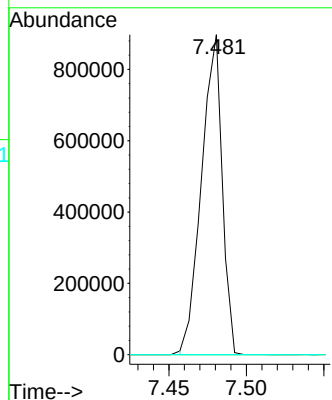
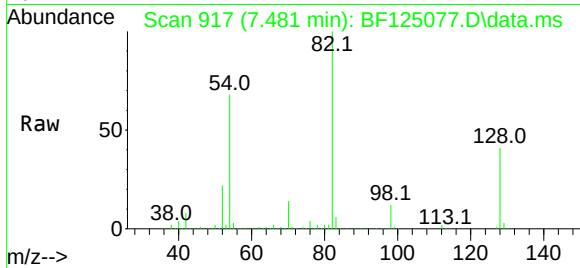




#25
Isophorone
Concen: 33.953 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

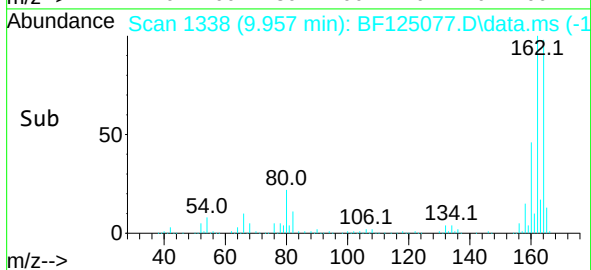
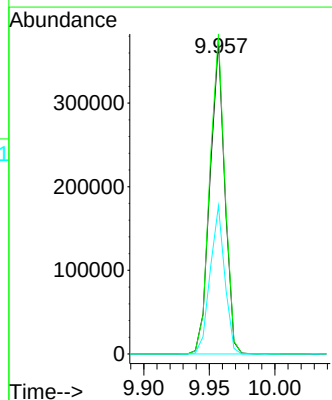
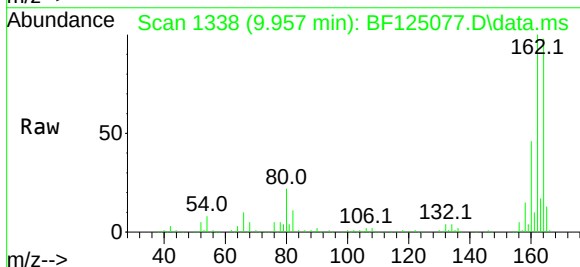
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ClientSampleId :
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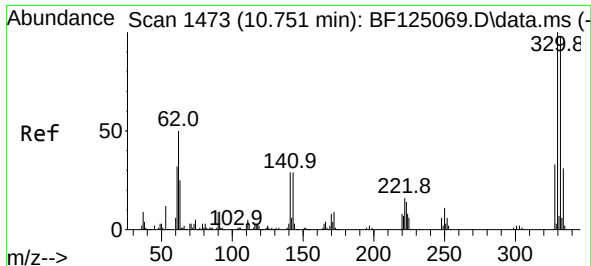
Tgt Ion: 82 Resp: 831749
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

Tgt Ion:164 Resp: 294413
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 47.2 38.0 57.0

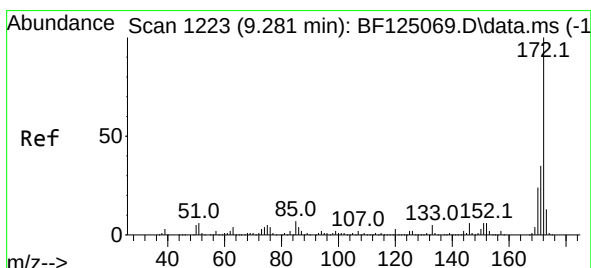
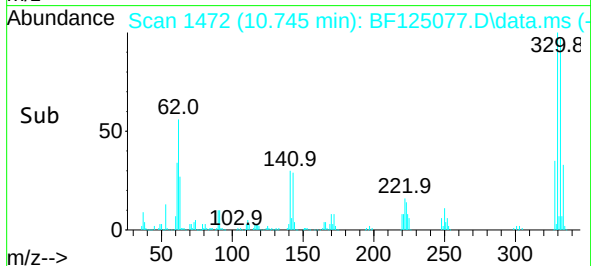
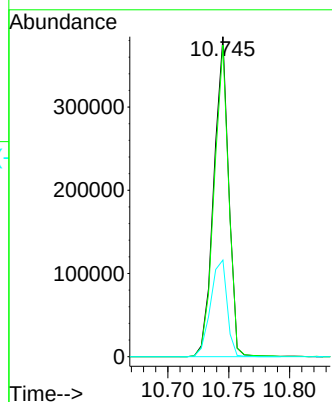
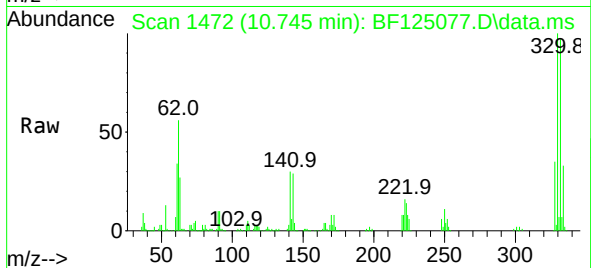




#42
2,4,6-Tribromophenol
Concen: 118.180 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

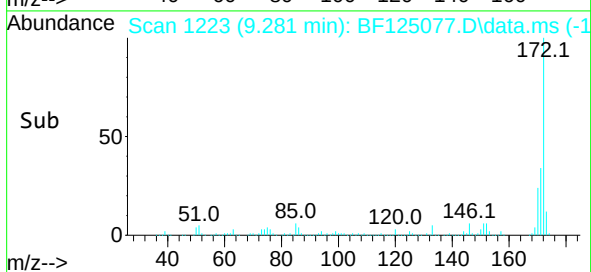
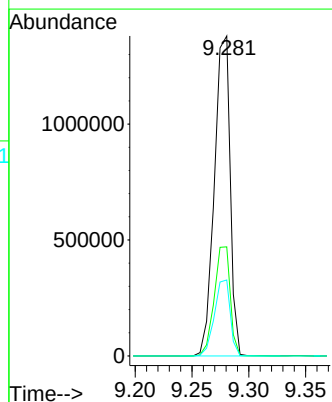
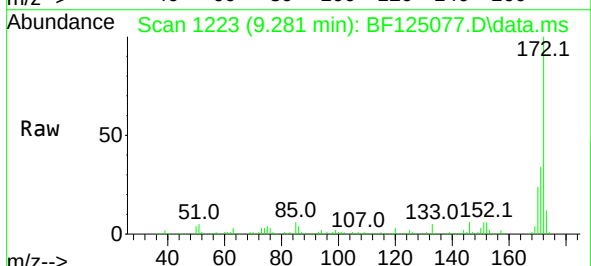
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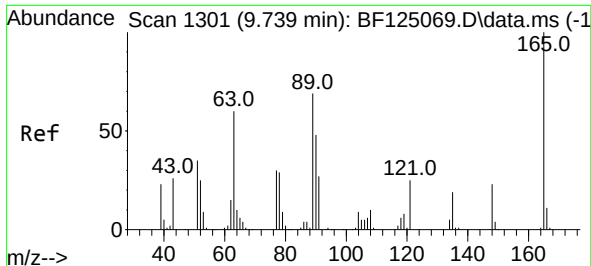
Tgt Ion:330 Resp: 324841
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 33.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 60.562 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

Tgt Ion:172 Resp: 1337714
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 23.7 18.8 28.2

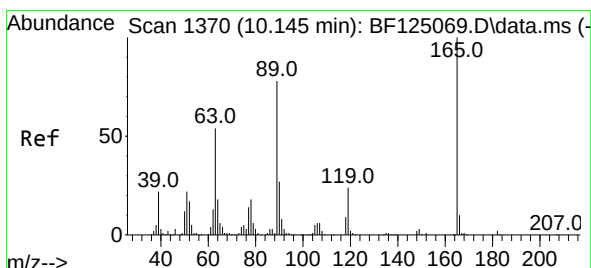
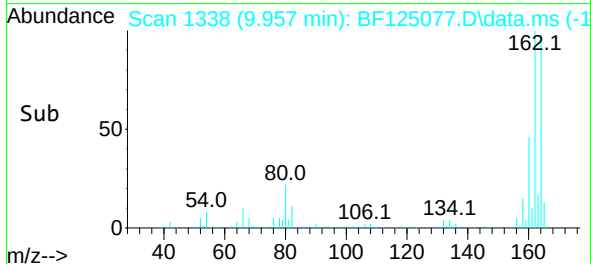
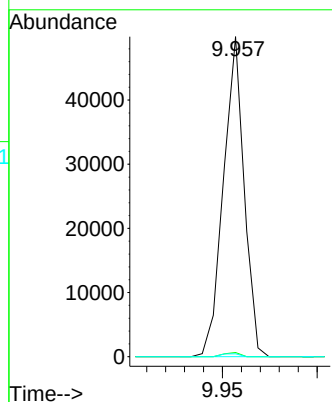
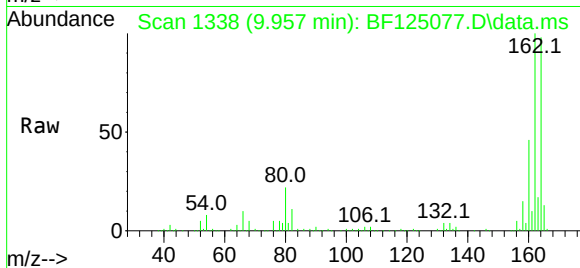




#51
2,6-Dinitrotoluene
Concen: 9.459 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

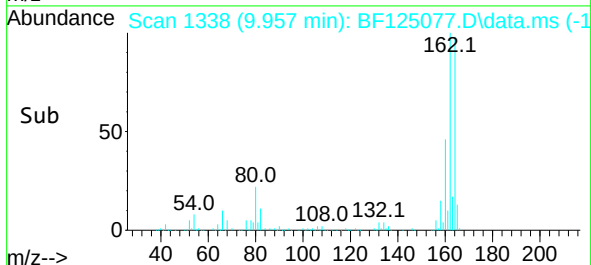
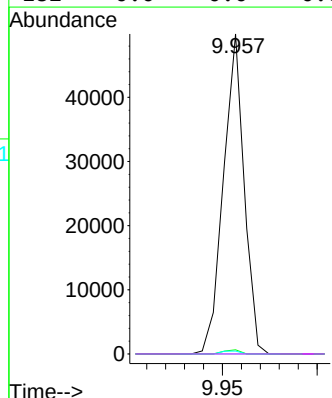
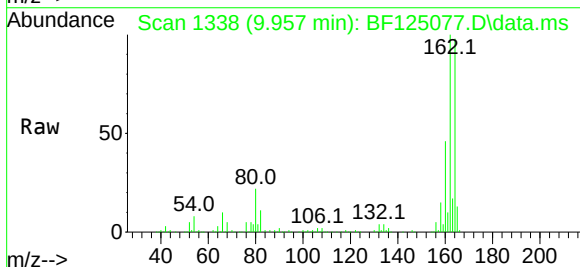
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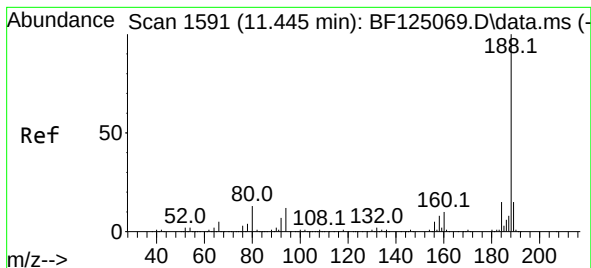
Tgt Ion:165 Resp: 37981
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.943 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

Tgt Ion:165 Resp: 37981
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

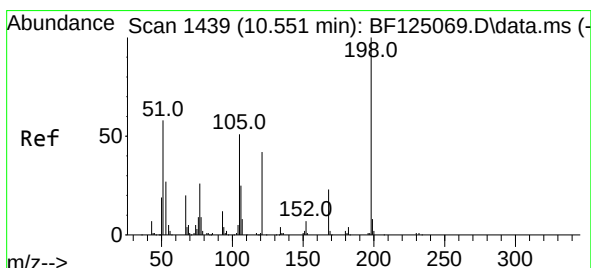
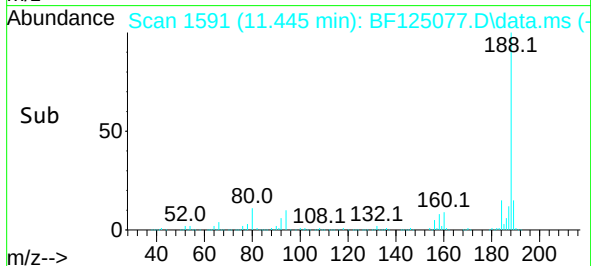
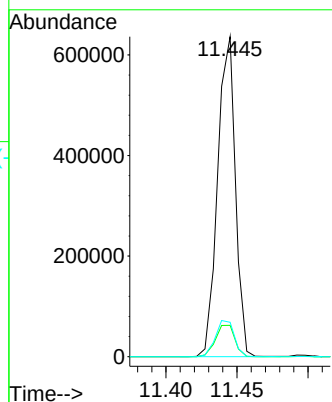
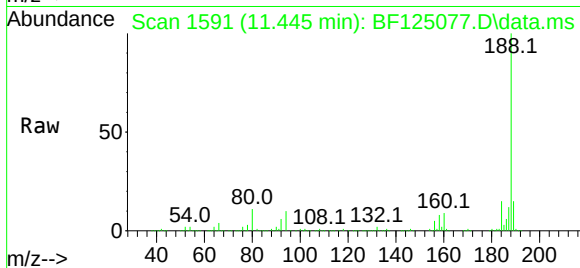




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

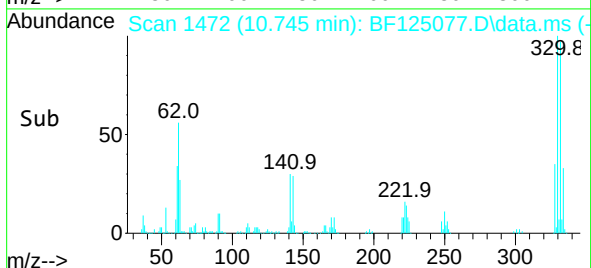
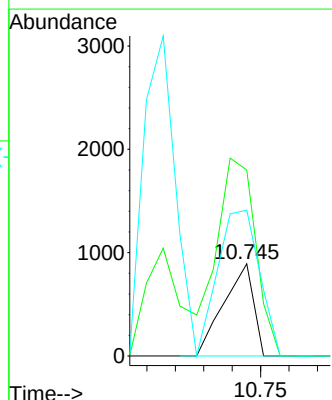
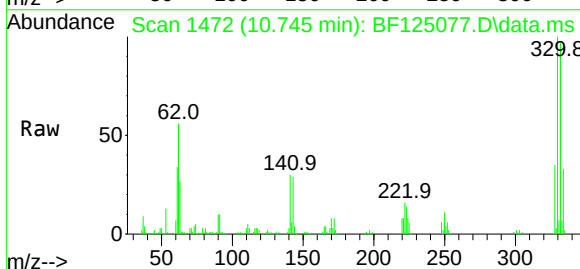
Instrument :
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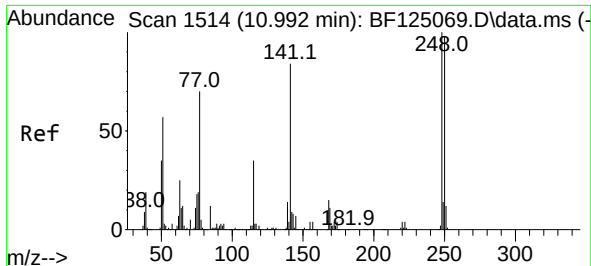
Tgt Ion:188 Resp: 552737
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.8 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 5.474 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.194 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

Tgt Ion:198 Resp: 650
Ion Ratio Lower Upper
198 100
51 201.7 45.3 85.3#
105 158.1 30.6 70.6#

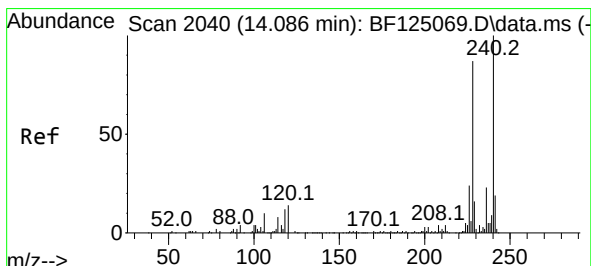
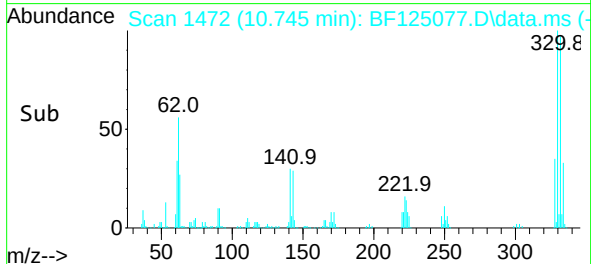
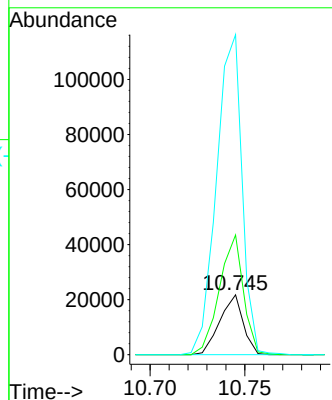
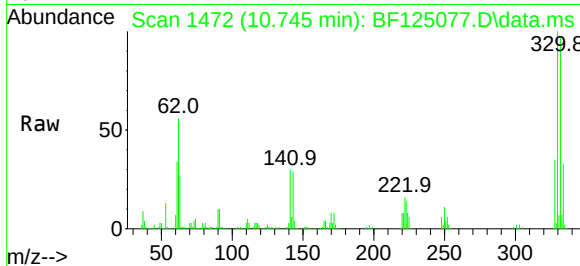




#67
4-Bromophenyl-phenylether
Concen: 3.202 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

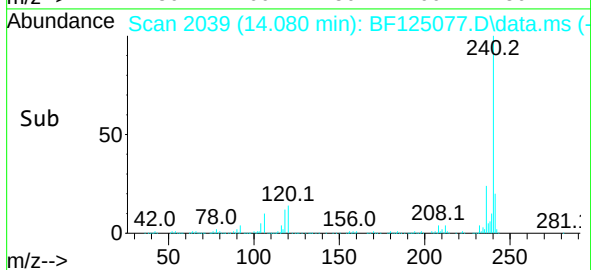
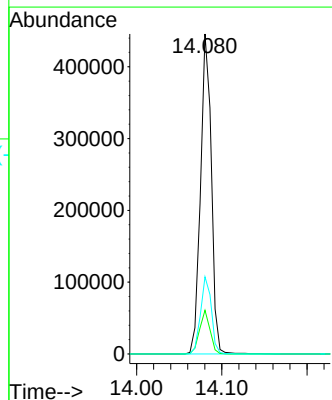
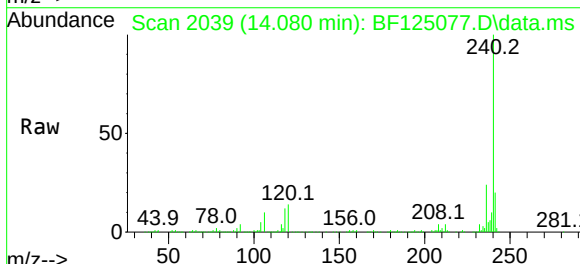
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

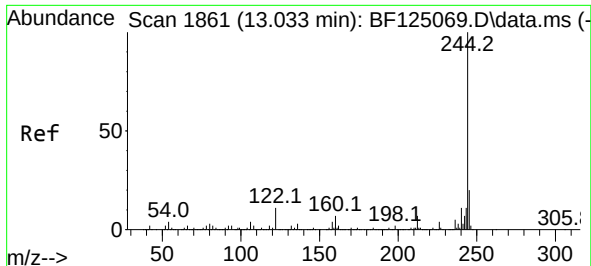
Tgt Ion:248 Resp: 18651
Ion Ratio Lower Upper
248 100
250 199.7 74.2 111.4#
141 534.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

Tgt Ion:240 Resp: 393124
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 24.1 21.6 32.4

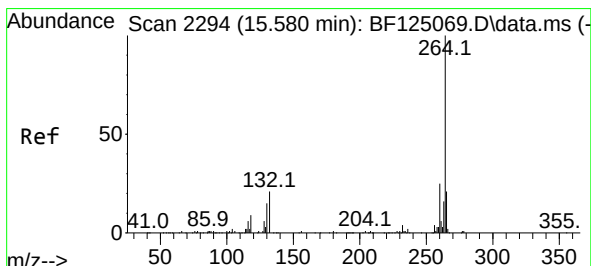
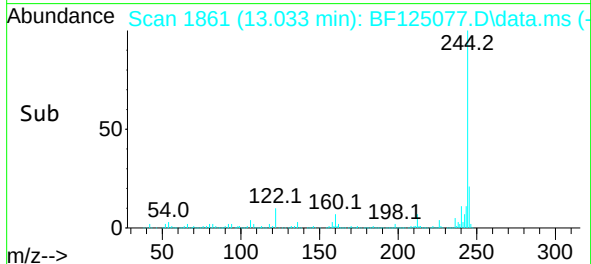
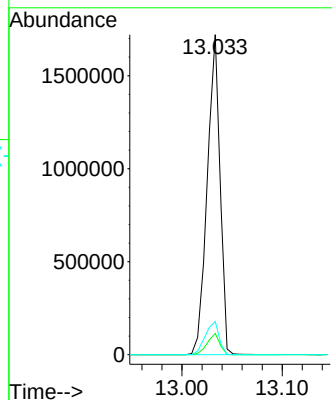
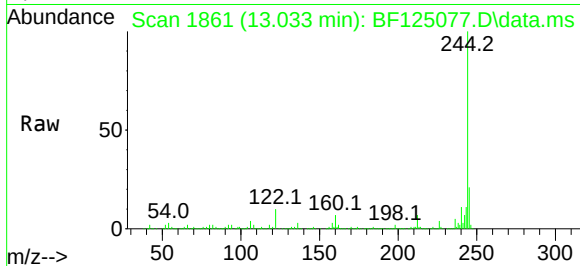




#79
Terphenyl-d14
Concen: 56.241 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:244 Resp: 1535488
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 10.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BF125077.D
Acq: 17 Aug 2021 20:01

Tgt Ion:264 Resp: 252830
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.1 17.2 25.8

