

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
 Data File : BF125079.D
 Acq On : 17 Aug 2021 21:06
 Operator : JU/CG
 Sample : M3428-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Aug 18 05:02:41 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)

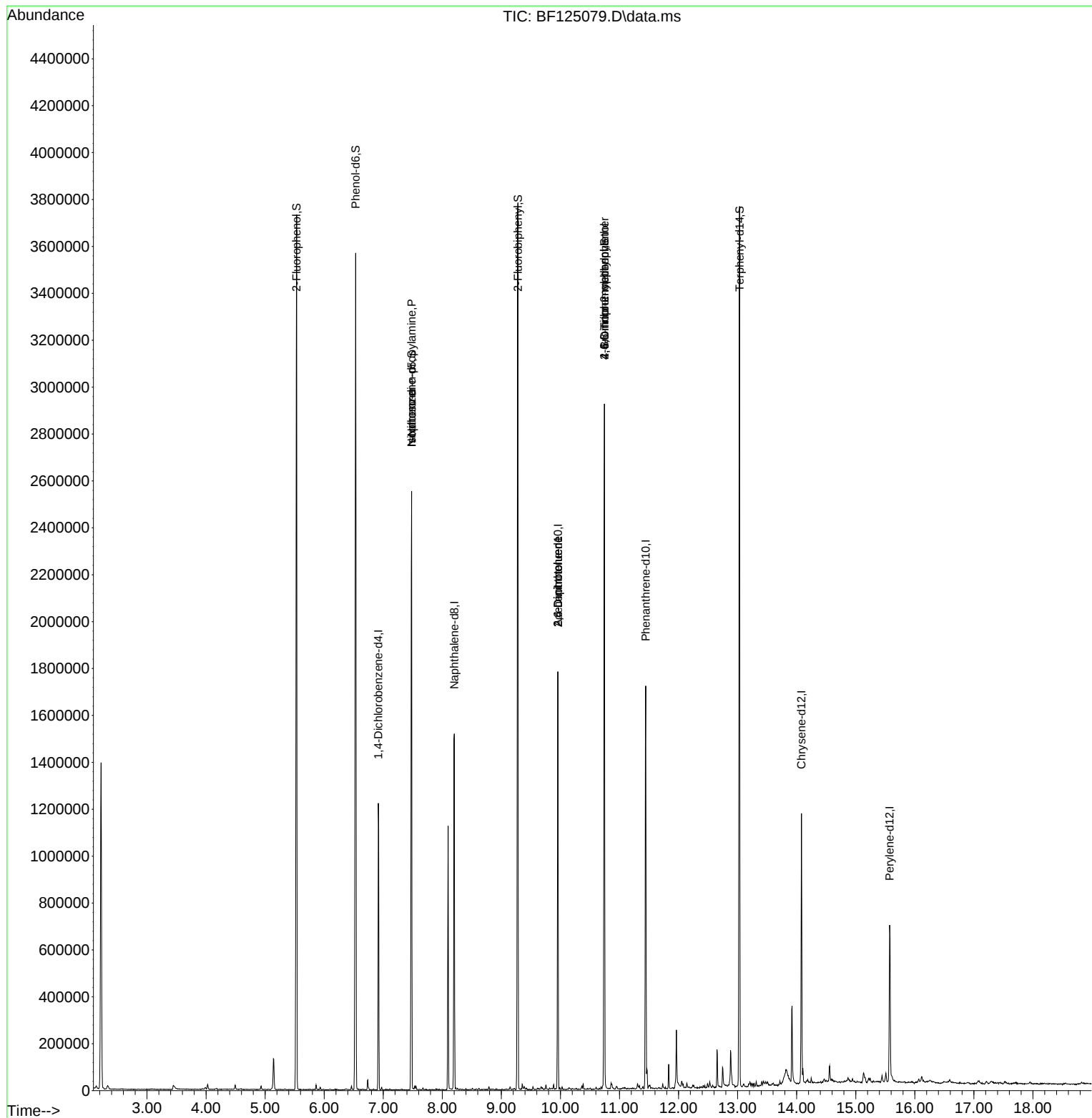
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	170555	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	666607	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	320156	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	608674	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	349524	20.000	ng	0.00
86) Perylene-d12	15.574	264	297480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	967094	84.711	ng	0.00
7) Phenol-d6	6.534	99	1190606	84.786	ng	0.00
23) Nitrobenzene-d5	7.481	82	769120	63.837	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	324536	108.575	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1230171	51.215	ng	0.00
79) Terphenyl-d14	13.033	244	1285859	52.973	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	107312	11.772	ng	# 64
25) Isophorone	7.481	82	765831	29.201	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	42123	9.647	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	42123	8.101	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.745	198	630	5.448	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	18652	2.908	ng	# 1

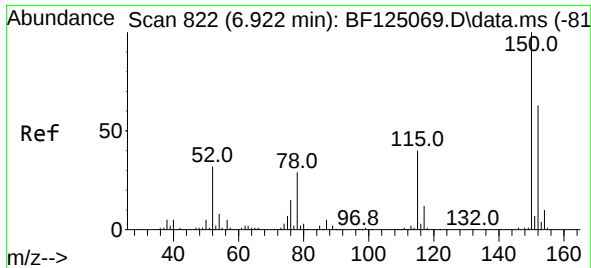
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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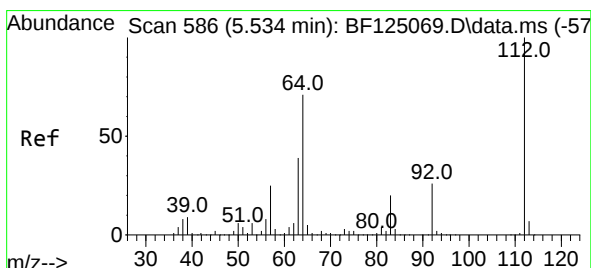
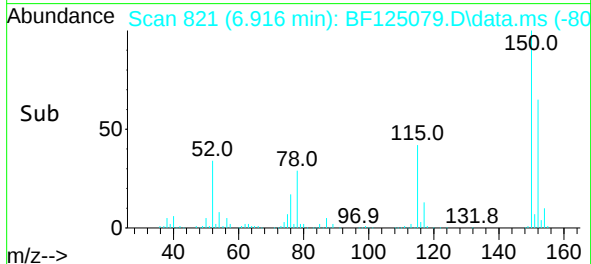
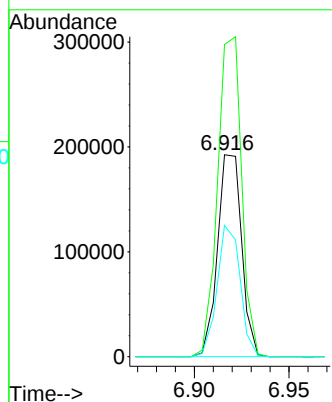
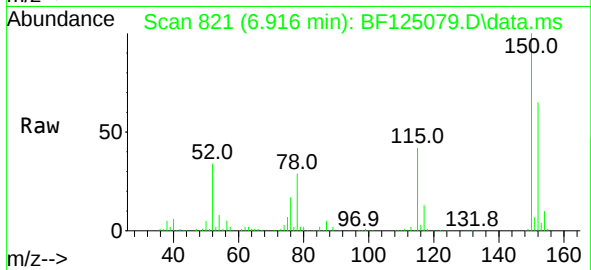




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

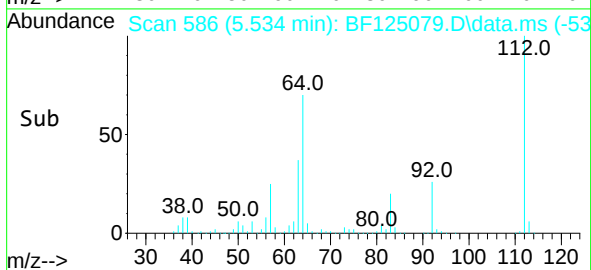
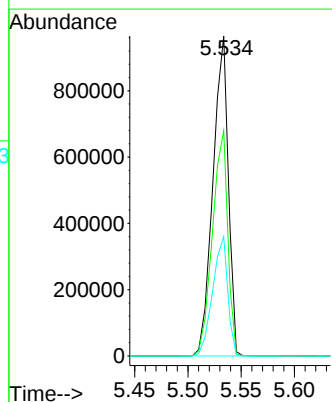
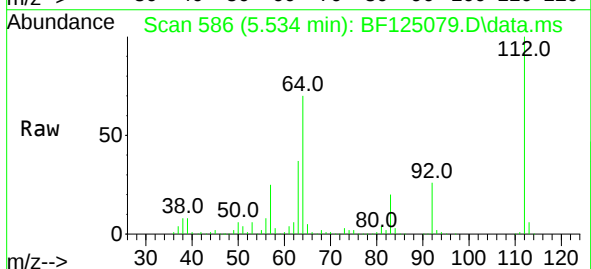
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

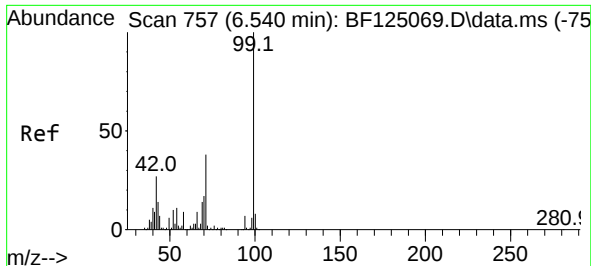
Tgt Ion:152 Resp: 170555
Ion Ratio Lower Upper
152 100
150 154.7 117.6 176.4
115 65.0 47.1 70.7



#5
2-Fluorophenol
Concen: 84.711 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

Tgt Ion:112 Resp: 967094
Ion Ratio Lower Upper
112 100
64 70.4 44.2 66.2#
63 37.3 26.2 39.2

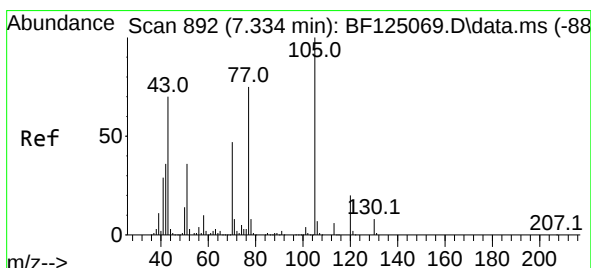
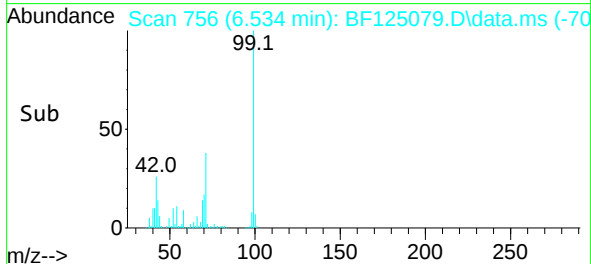
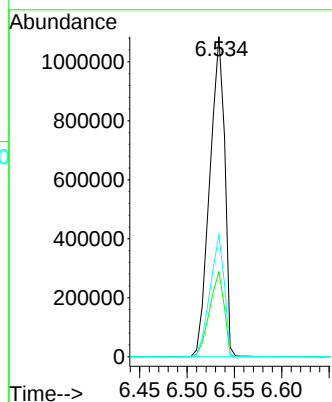
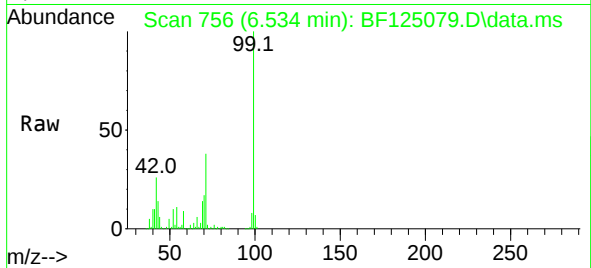




#7
Phenol-d6
Concen: 84.786 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

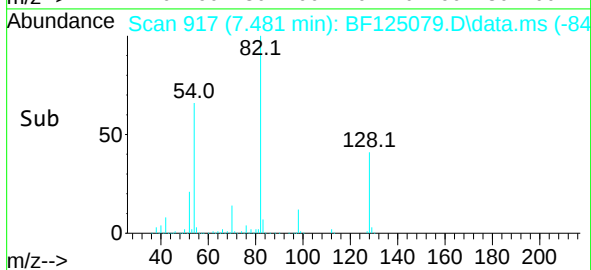
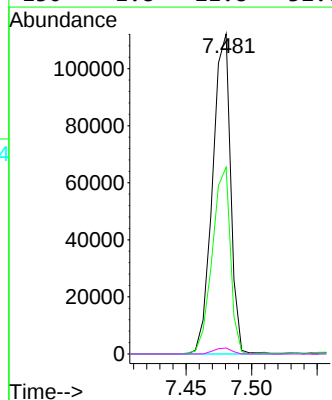
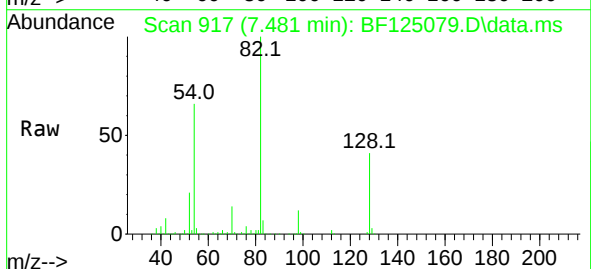
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

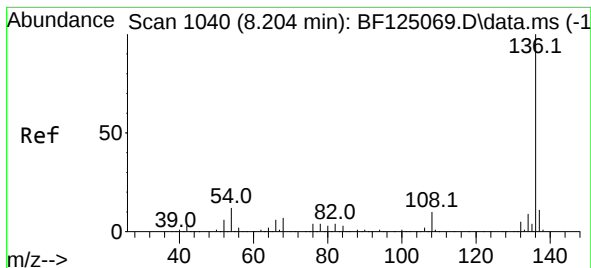
Tgt Ion: 99 Resp: 1190606
Ion Ratio Lower Upper
99 100
42 26.5 23.5 35.3
71 38.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.772 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

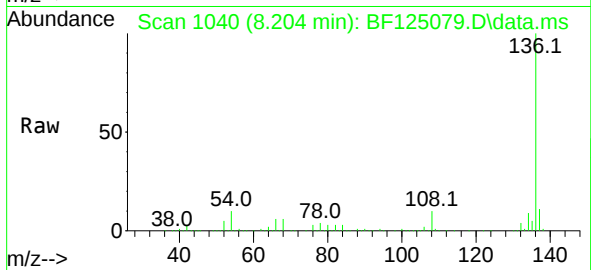
Tgt Ion: 70 Resp: 107312
Ion Ratio Lower Upper
70 100
42 58.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



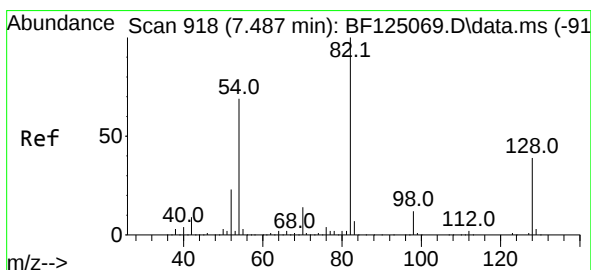
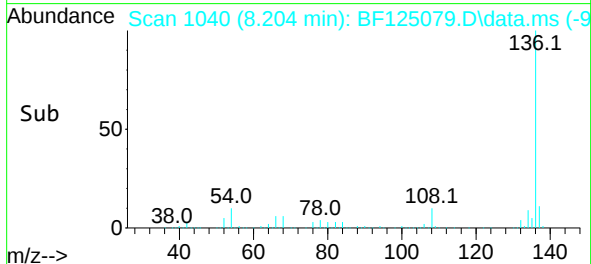
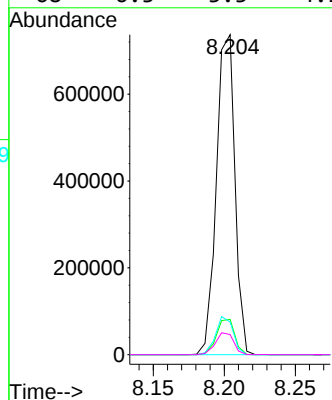


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

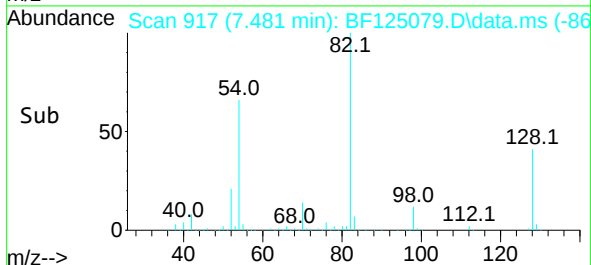
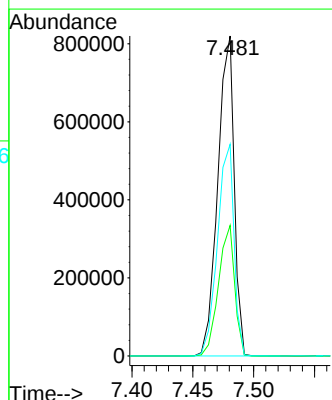
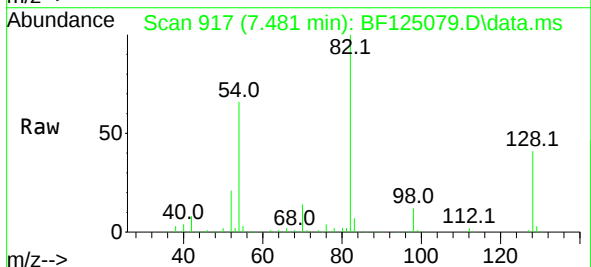


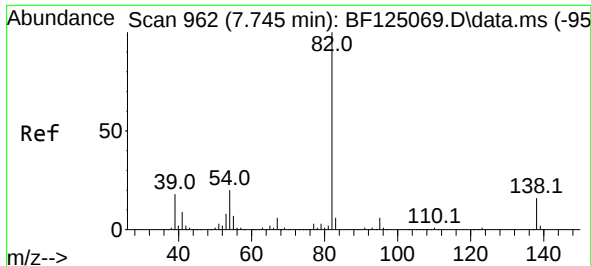
Tgt Ion:136 Resp: 666607
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.2 6.4 9.6#
68 6.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 63.837 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

Tgt Ion: 82 Resp: 769120
Ion Ratio Lower Upper
82 100
128 40.8 40.6 60.8
54 66.2 49.6 74.4

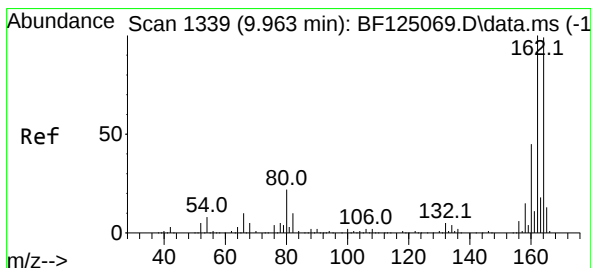
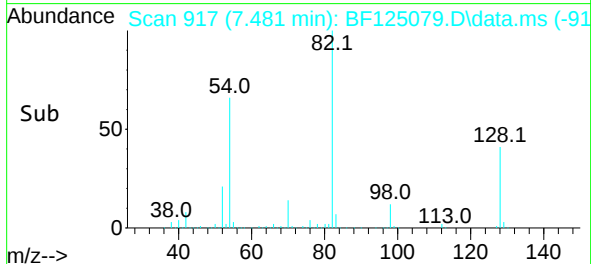
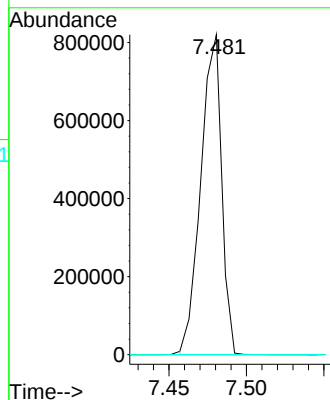
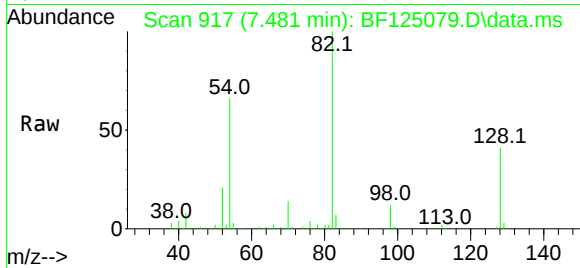




#25
Isophorone
Concen: 29.201 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

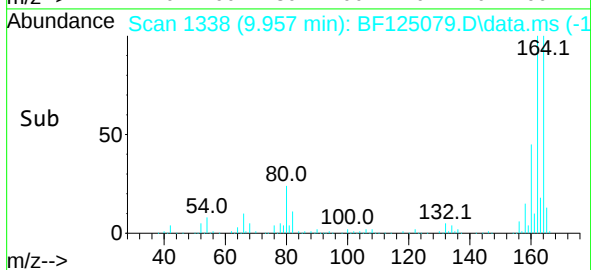
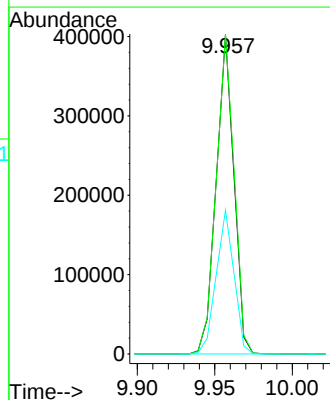
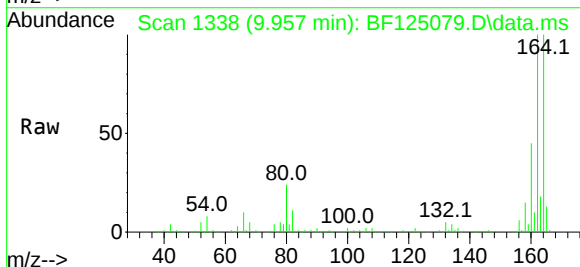
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ClientSampleId :
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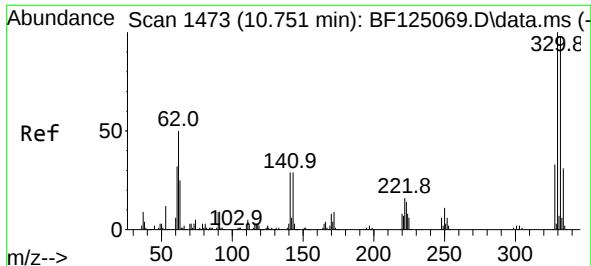
Tgt Ion: 82 Resp: 765831
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

Tgt Ion: 164 Resp: 320156
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 45.1 38.0 57.0

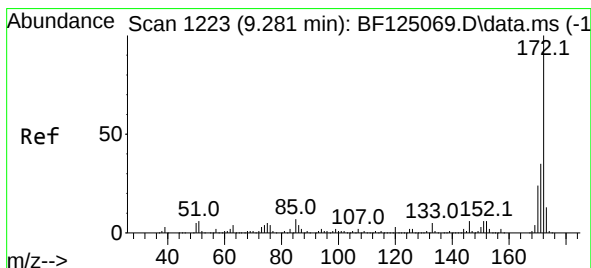
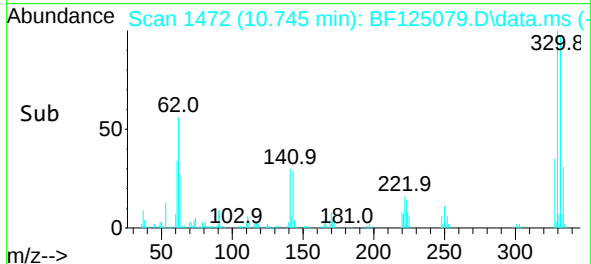
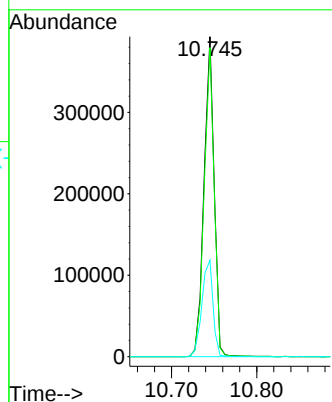
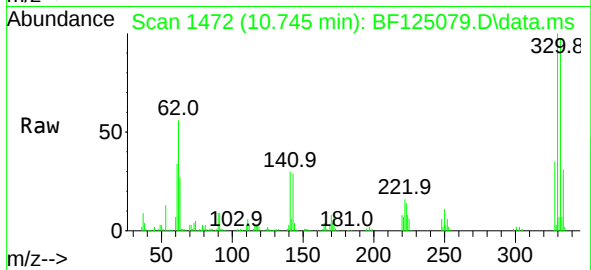




#42
2,4,6-Tribromophenol
Concen: 108.575 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

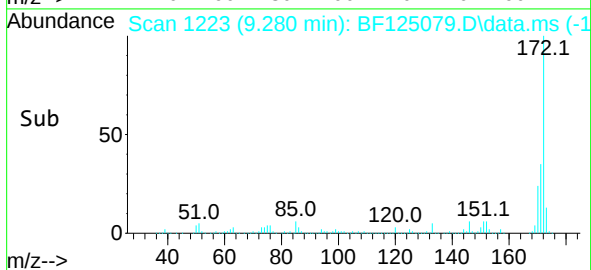
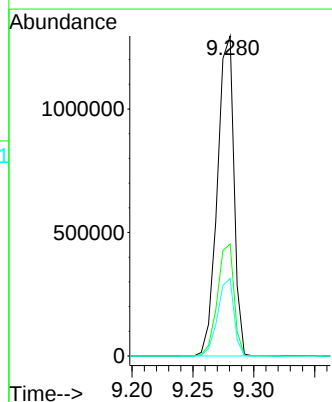
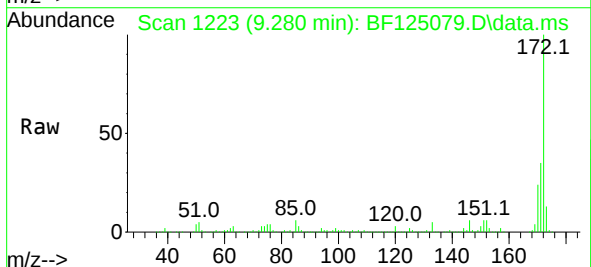
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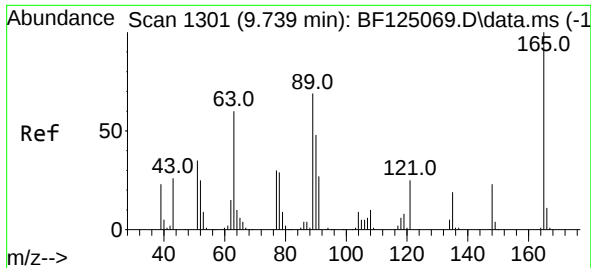
Tgt Ion: 330 Resp: 324536
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 33.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 51.215 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

Tgt Ion: 172 Resp: 1230171
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 24.2 18.8 28.2

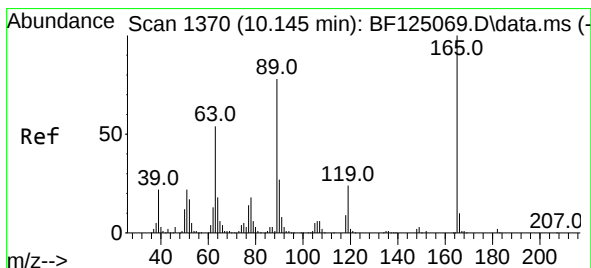
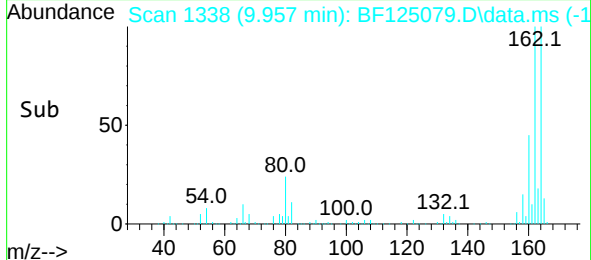
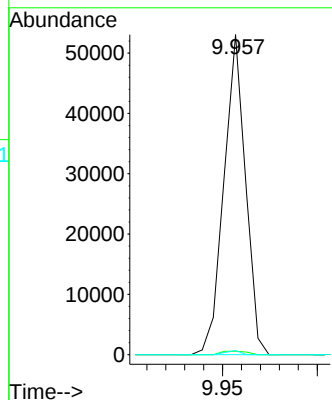
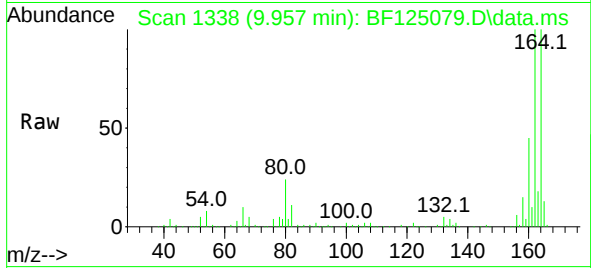




#51
2,6-Dinitrotoluene
Concen: 9.647 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

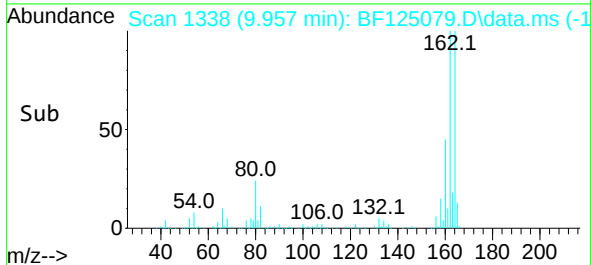
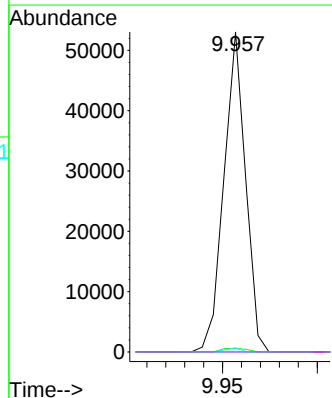
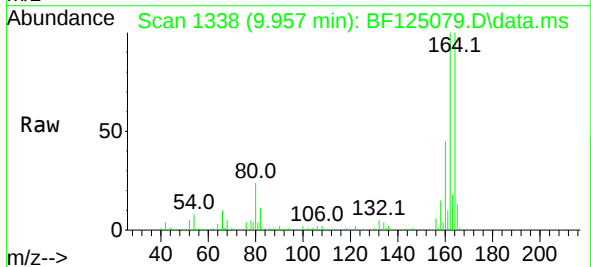
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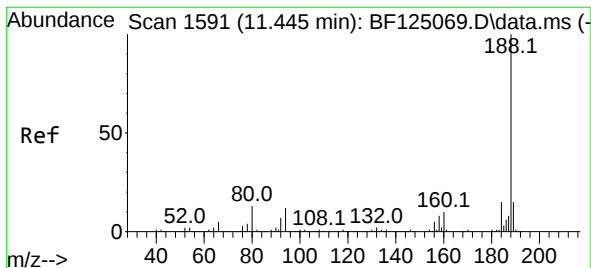
Tgt Ion:165 Resp: 42123
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.101 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

Tgt Ion:165 Resp: 42123
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

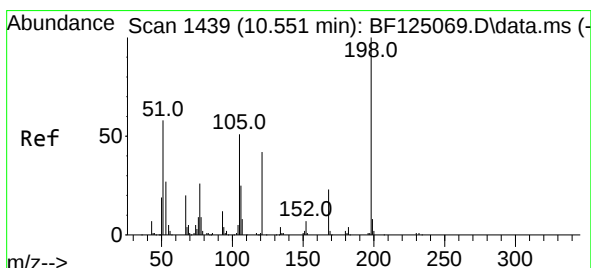
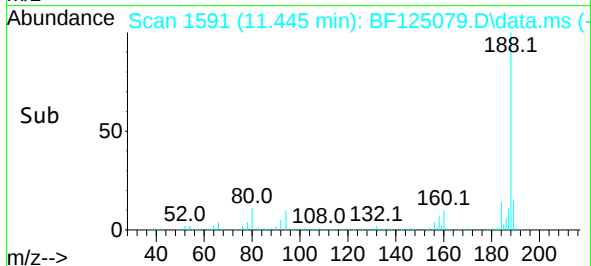
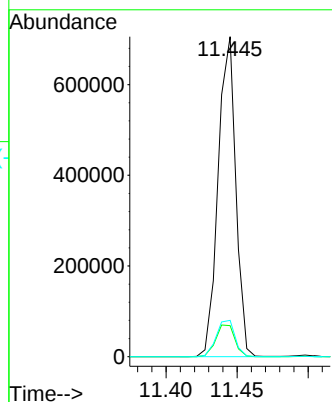
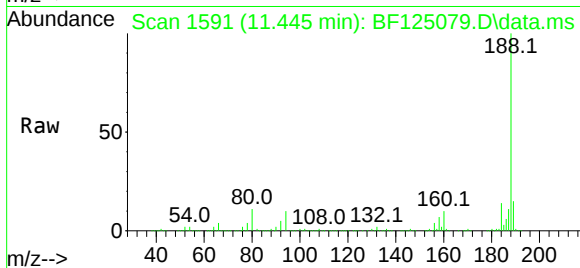




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

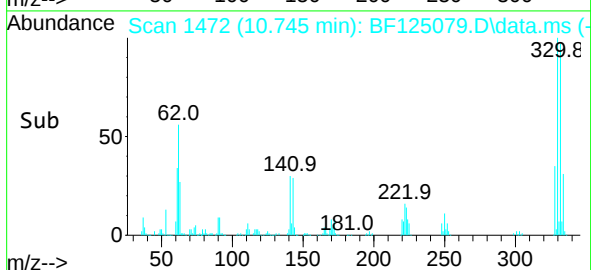
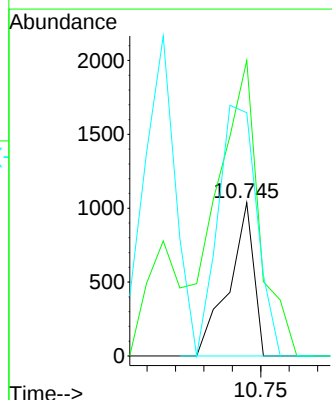
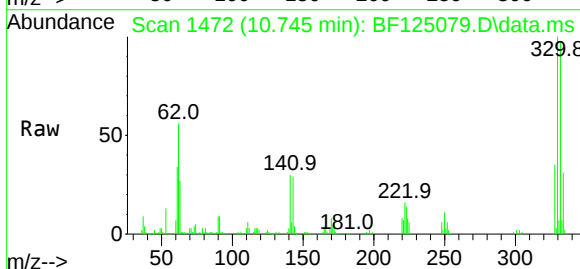
Instrument :
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ClientSampleId :
SB-03-COMP

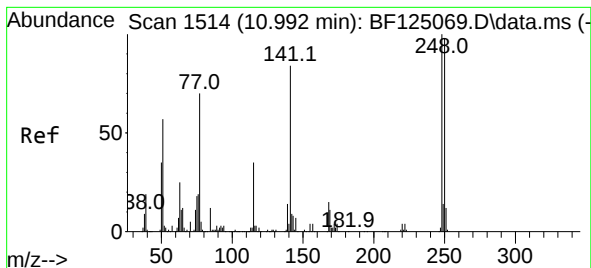
Tgt Ion:188 Resp: 608674
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 11.3 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.448 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.194 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

Tgt Ion:198 Resp: 630
Ion Ratio Lower Upper
198 100
51 192.7 45.3 85.3#
105 158.6 30.6 70.6#

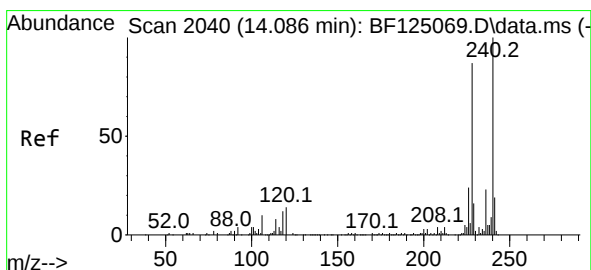
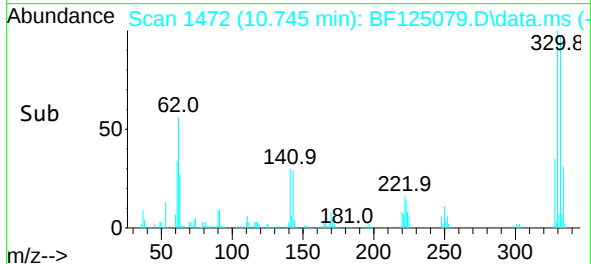
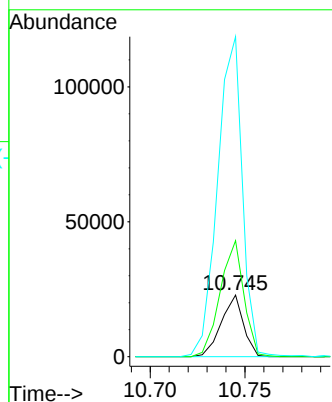
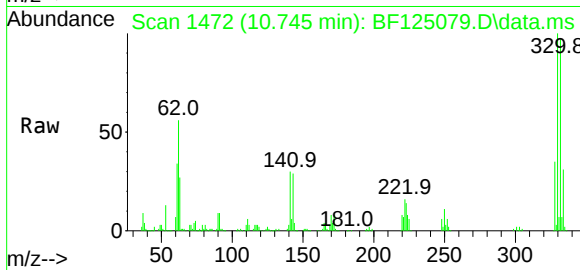




#67
4-Bromophenyl-phenylether
Concen: 2.908 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

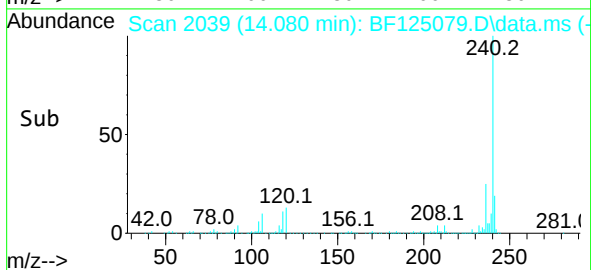
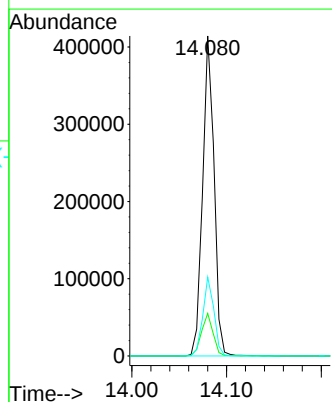
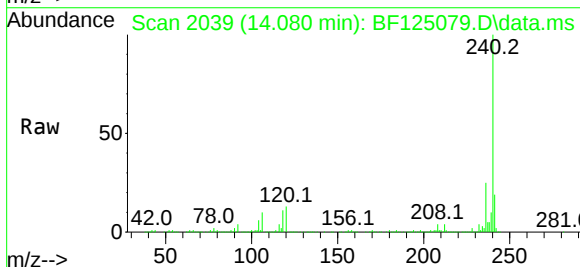
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

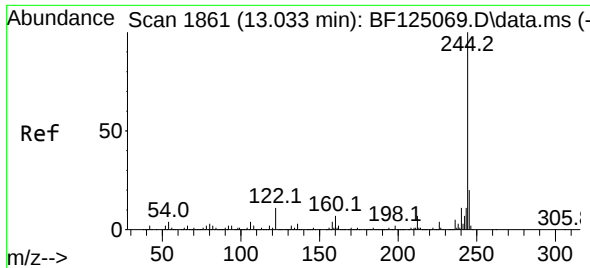
Tgt Ion:248 Resp: 18652
Ion Ratio Lower Upper
248 100
250 188.4 74.2 111.4#
141 519.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

Tgt Ion:240 Resp: 349524
Ion Ratio Lower Upper
240 100
120 13.3 10.8 16.2
236 24.6 21.6 32.4

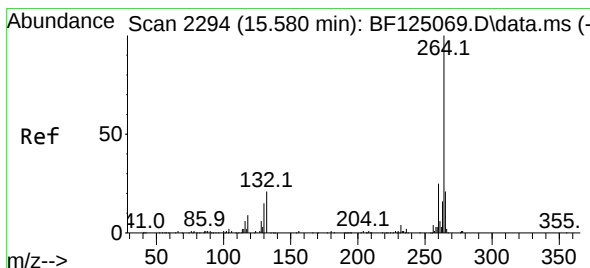
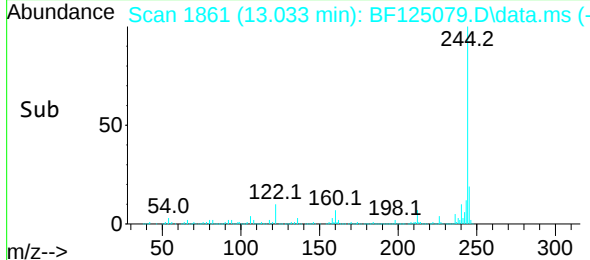
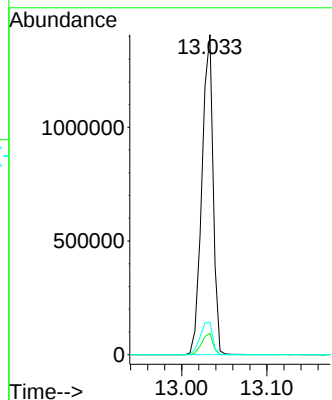
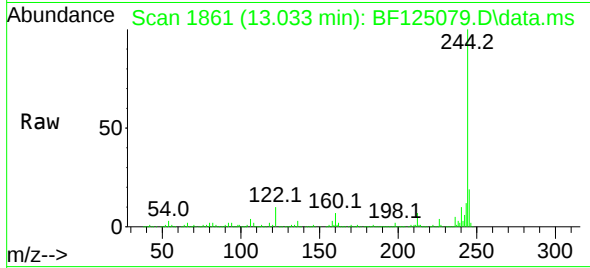




#79
Terphenyl-d14
Concen: 52.973 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125079.D
Acq: 17 Aug 2021 21:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion:244 Resp: 1285859
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 10.1 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: BF125079.D
Acq: 17 Aug 2021 21:06

Tgt Ion:264 Resp: 297480
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 21.2 17.2 25.8

