

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
 Data File : BF125080.D
 Acq On : 17 Aug 2021 21:39
 Operator : JU/CG
 Sample : M3428-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Quant Time: Aug 18 05:02:56 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)

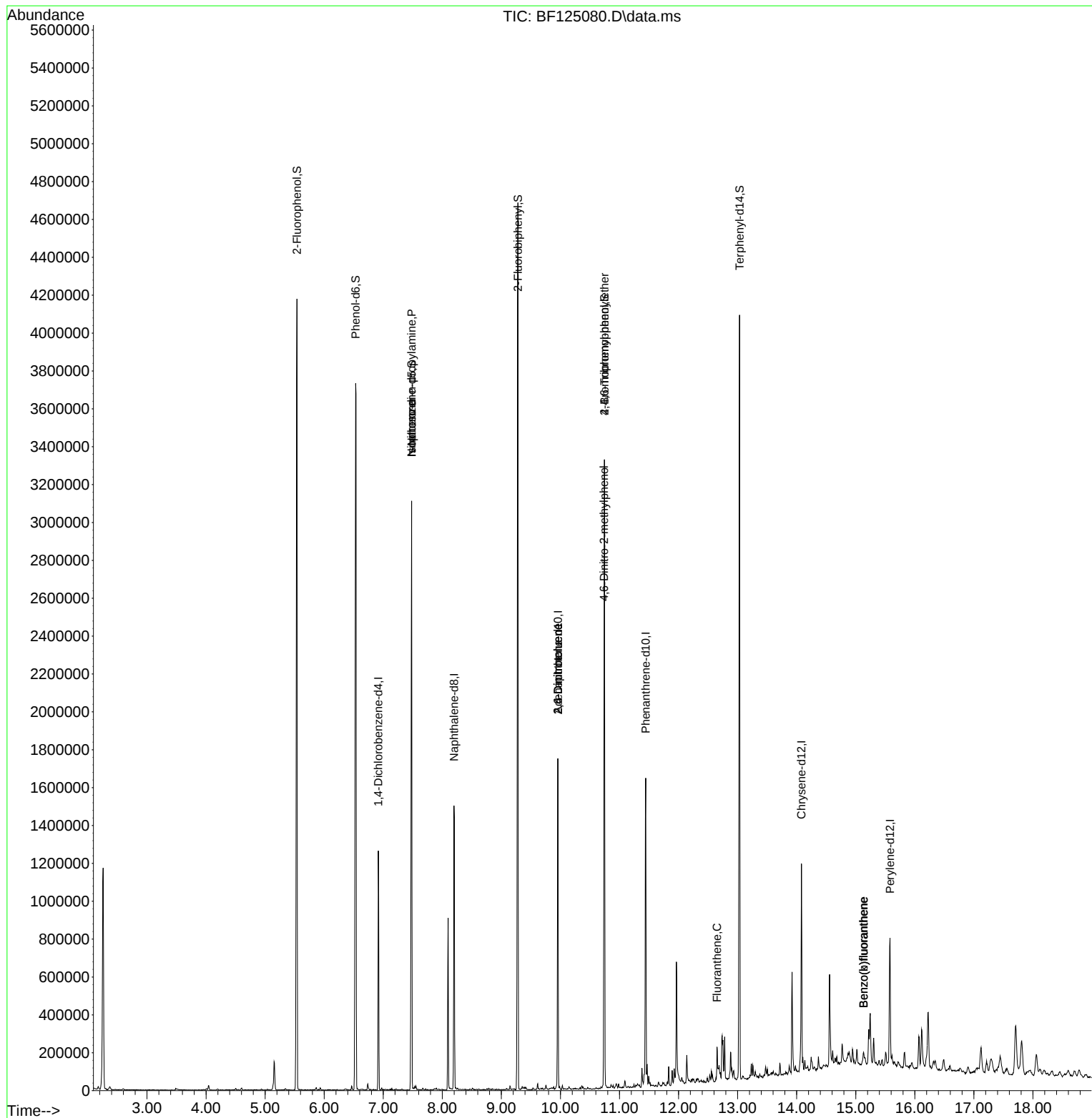
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	170275	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	653040	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	313769	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	571754	20.000	ng	0.00
76) Chrysene-d12	14.080	240	334716	20.000	ng	0.00
86) Perylene-d12	15.580	264	295255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1141487	100.151	ng	0.00
7) Phenol-d6	6.534	99	1390207	99.163	ng	0.00
23) Nitrobenzene-d5	7.481	82	934493	79.174	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	371546	126.833	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1483057	63.000	ng	0.00
79) Terphenyl-d14	13.033	244	1382320	59.466	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	129395	14.218	ng	# 63
25) Isophorone	7.481	82	934345	36.367	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	40302	9.418	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	40302	7.909	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.739	198	760	5.502	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	21060	3.495	ng	# 1
75) Fluoranthene	12.651	202	62653	2.055	ng	91
88) Benzo(b)fluoranthene	15.133	252	42066	2.099	ng	# 93
89) Benzo(k)fluoranthene	15.133	252	42066	2.218	ng	# 89

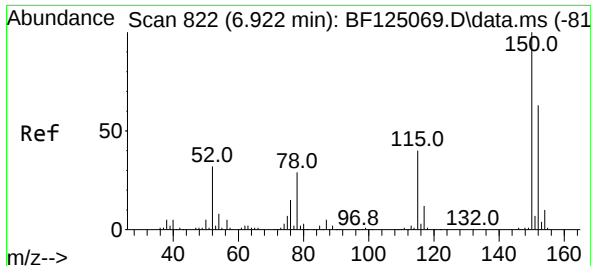
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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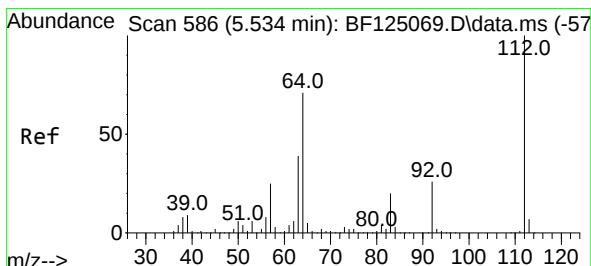
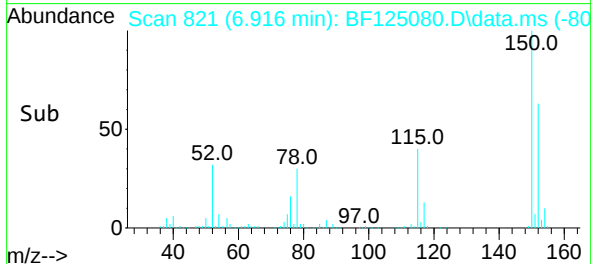
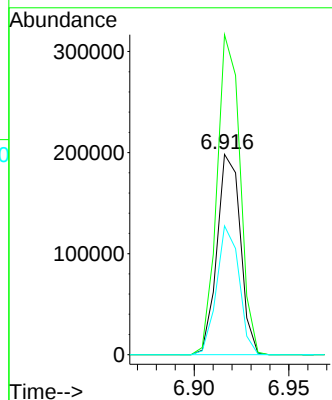
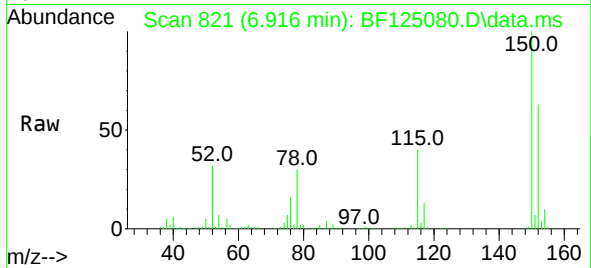




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

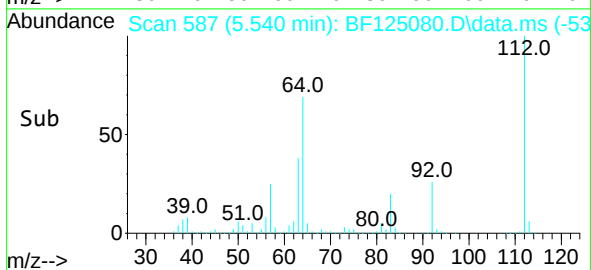
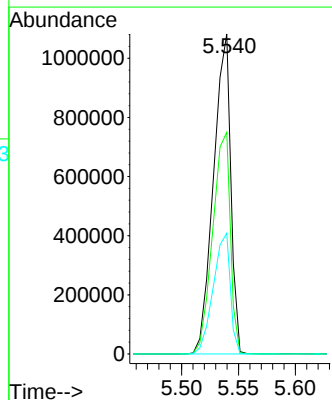
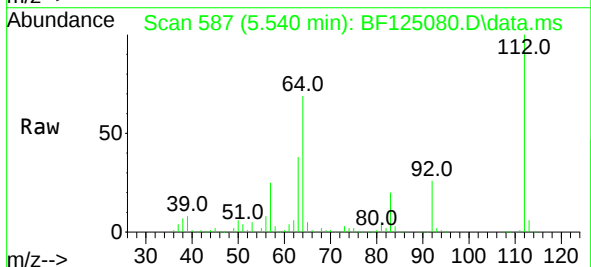
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

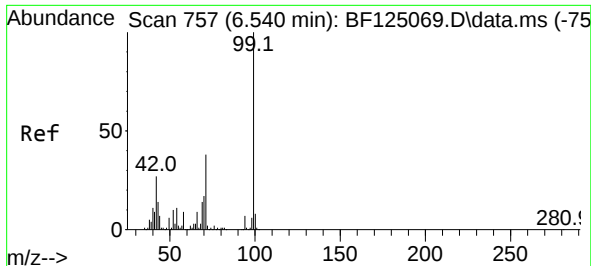
Tgt Ion:152 Resp: 170275
Ion Ratio Lower Upper
152 100
150 159.7 117.6 176.4
115 64.3 47.1 70.7



#5
2-Fluorophenol
Concen: 100.151 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

Tgt Ion:112 Resp: 1141487
Ion Ratio Lower Upper
112 100
64 69.3 44.2 66.2#
63 37.7 26.2 39.2

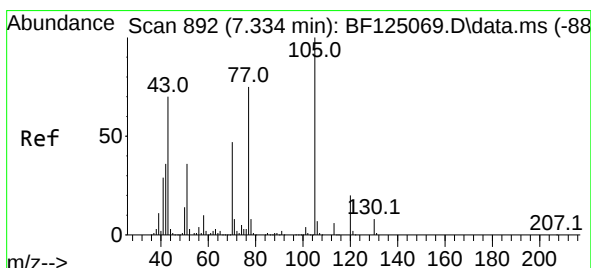
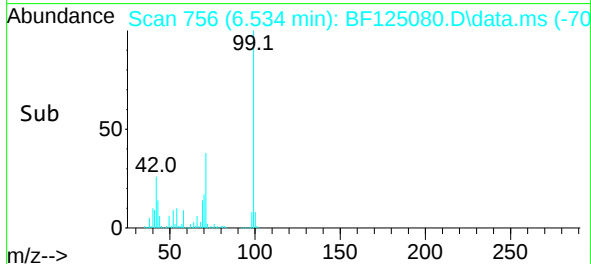
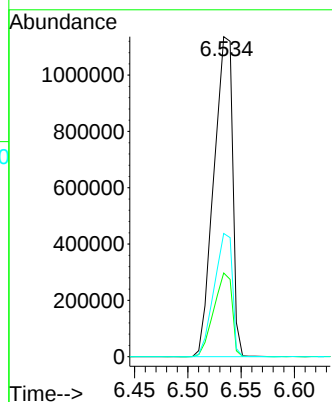
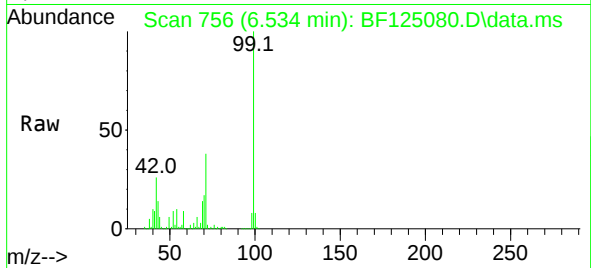




#7
Phenol-d6
Concen: 99.163 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

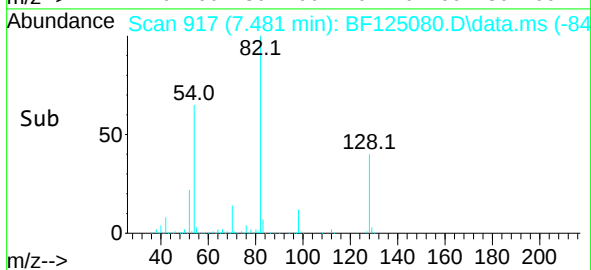
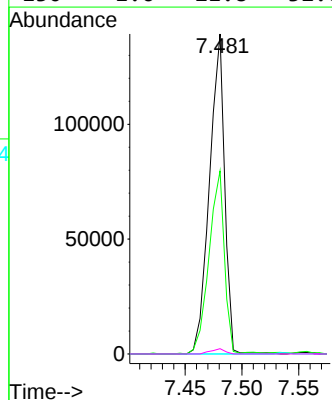
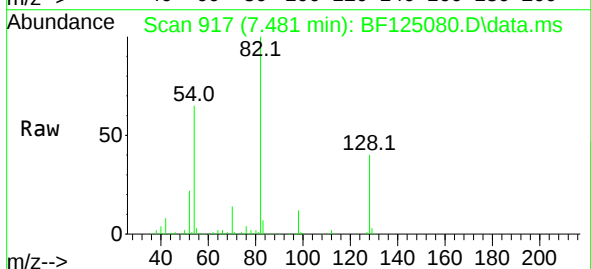
Instrument :
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ClientSampleId :
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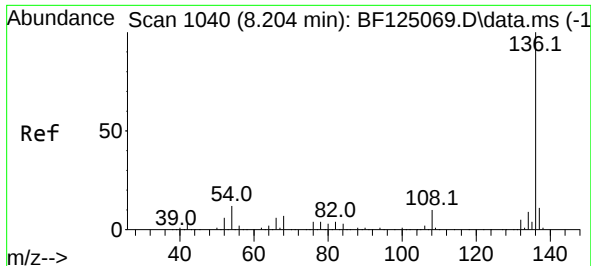
Tgt Ion: 99 Resp: 1390207
Ion Ratio Lower Upper
99 100
42 26.2 23.5 35.3
71 38.5 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.218 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

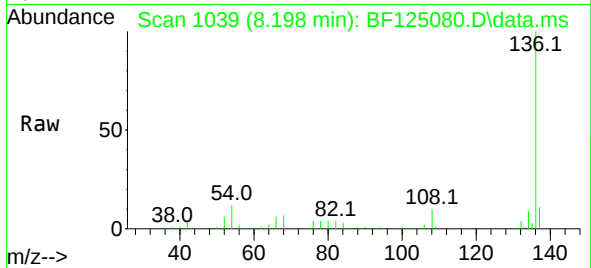
Tgt Ion: 70 Resp: 129395
Ion Ratio Lower Upper
70 100
42 57.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#



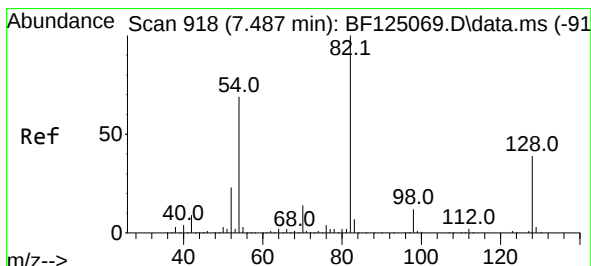
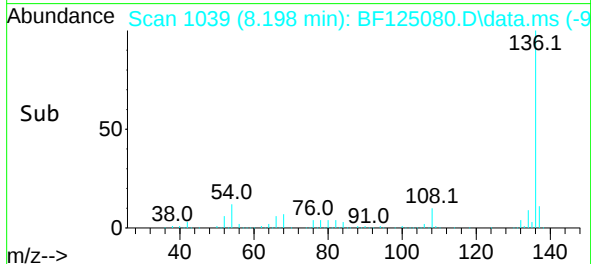
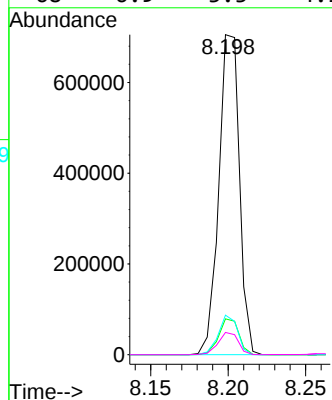


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

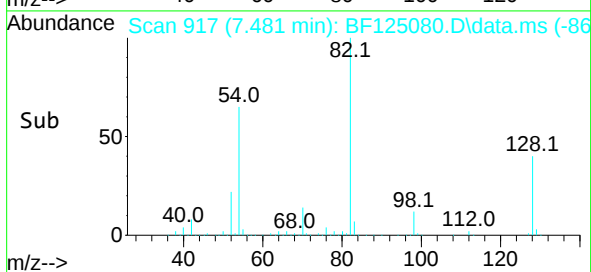
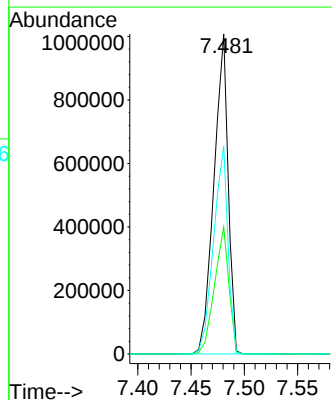
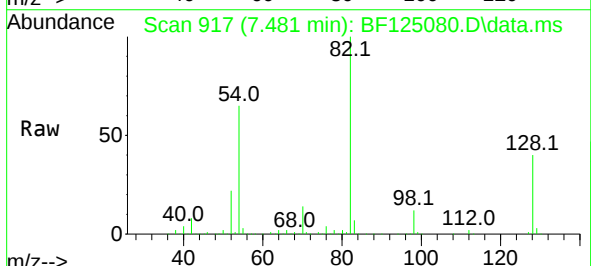


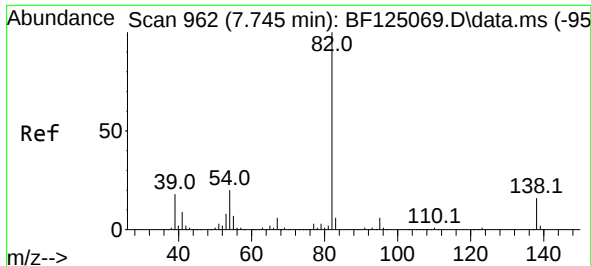
Tgt Ion:136 Resp: 653040
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 12.3 6.4 9.6#
68 6.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 79.174 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

Tgt Ion: 82 Resp: 934493
Ion Ratio Lower Upper
82 100
128 39.7 40.6 60.8#
54 65.0 49.6 74.4

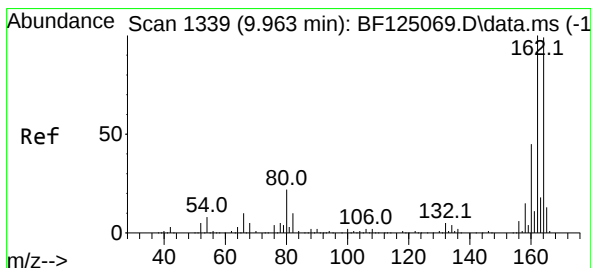
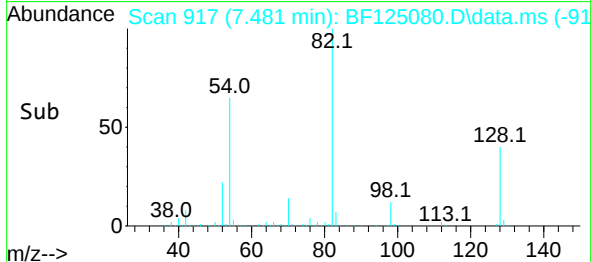
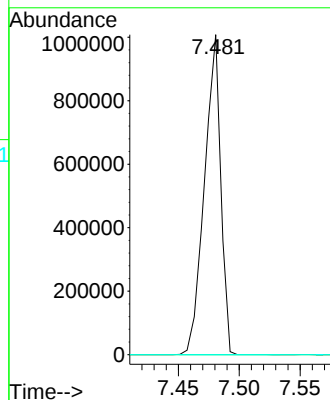
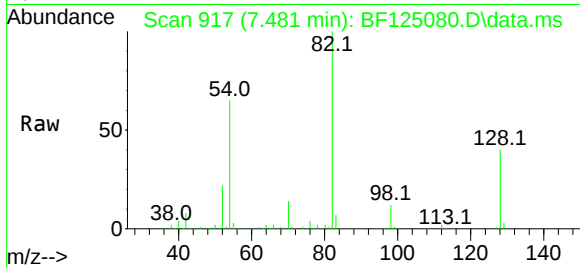




#25
Isophorone
Concen: 36.367 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

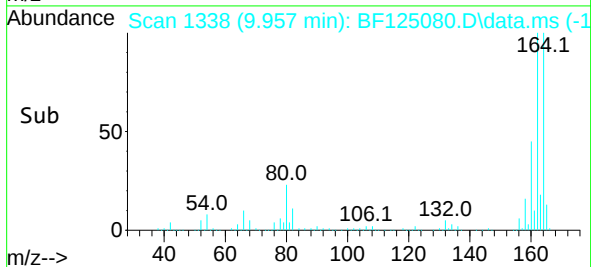
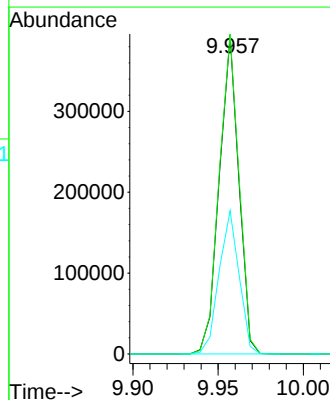
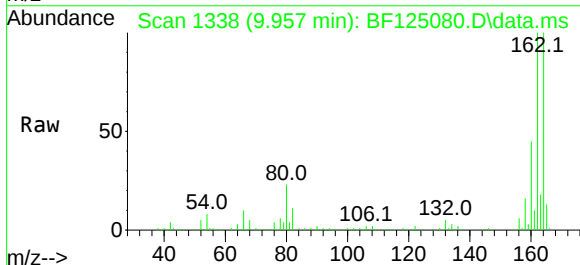
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

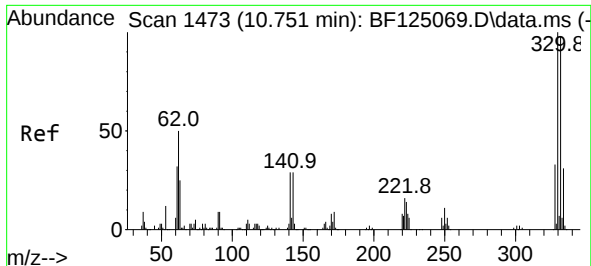
Tgt Ion: 82 Resp: 934345
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

Tgt Ion: 164 Resp: 313769
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 44.9 38.0 57.0

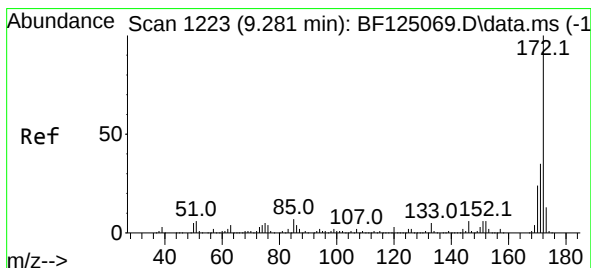
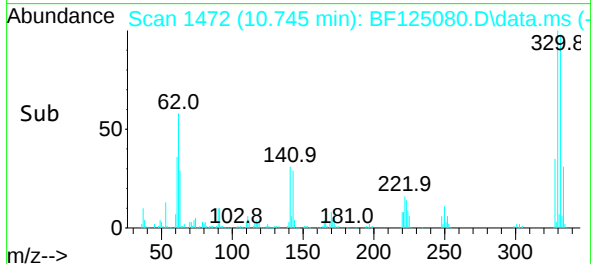
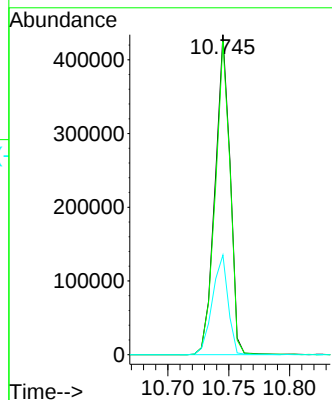
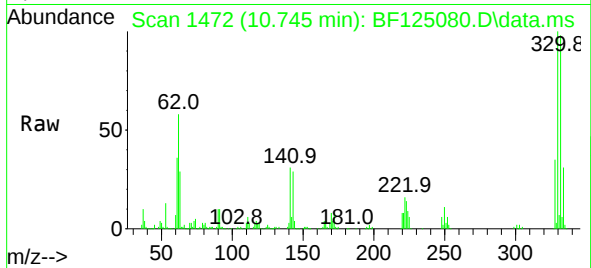




#42
2,4,6-Tribromophenol
Concen: 126.833 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

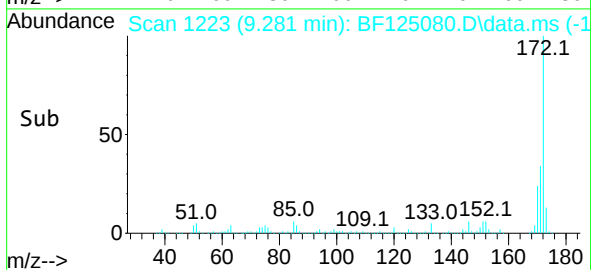
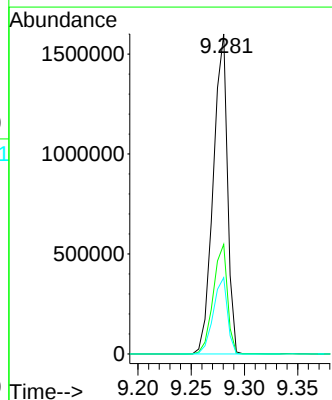
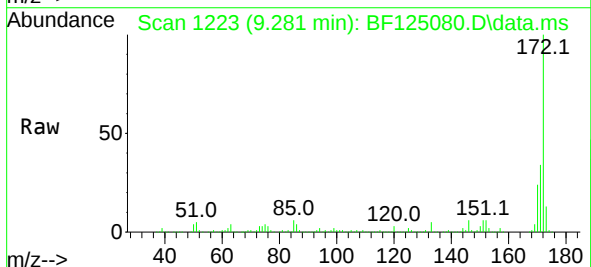
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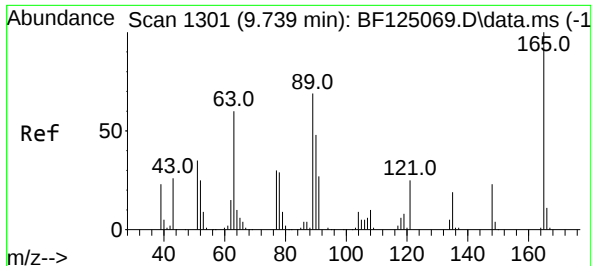
Tgt Ion: 330 Resp: 371546
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 32.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.000 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

Tgt Ion: 172 Resp: 1483057
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.9 18.8 28.2

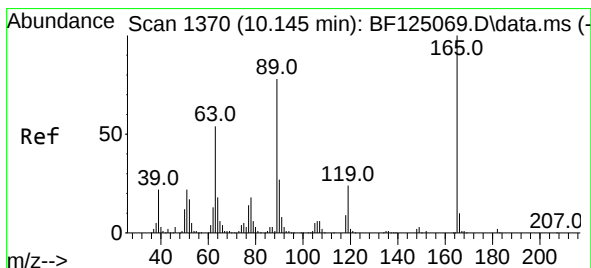
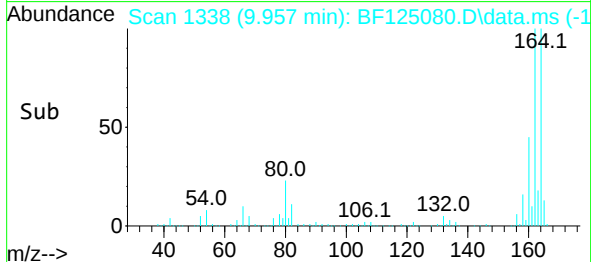
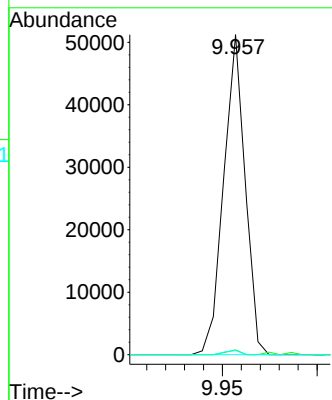
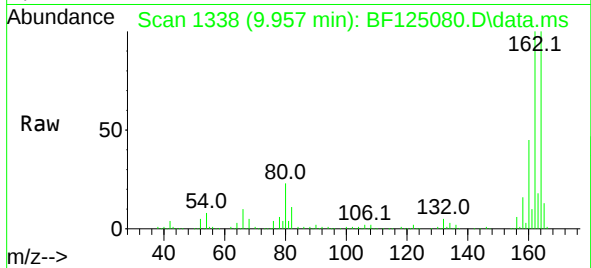




#51
2,6-Dinitrotoluene
Concen: 9.418 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

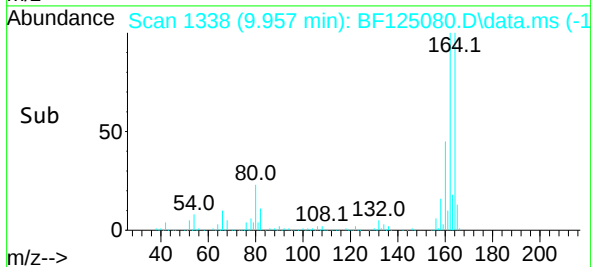
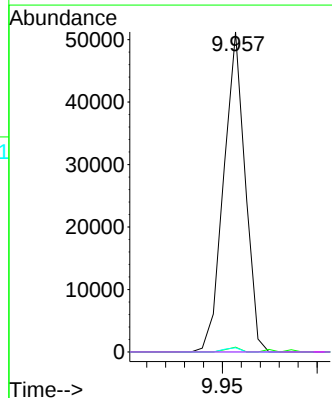
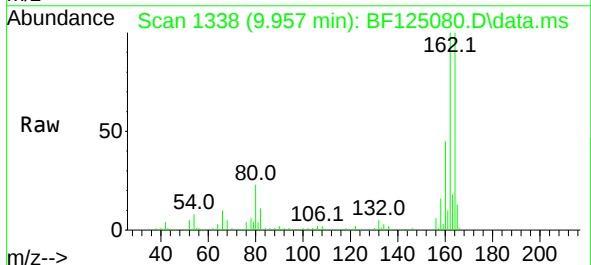
Instrument :
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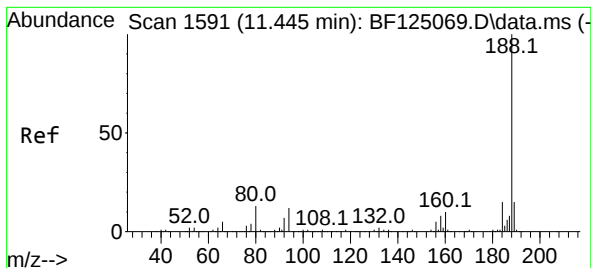
Tgt Ion:165 Resp: 40302
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.909 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

Tgt Ion:165 Resp: 40302
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

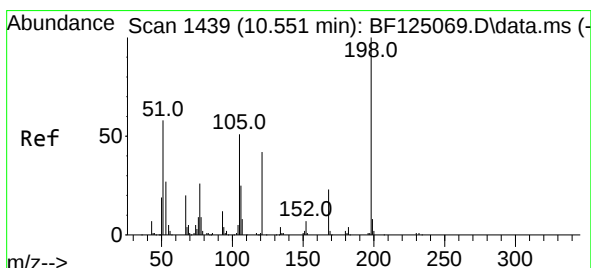
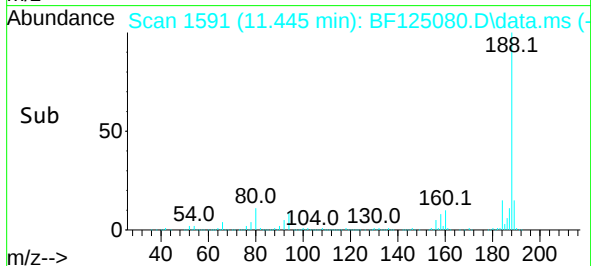
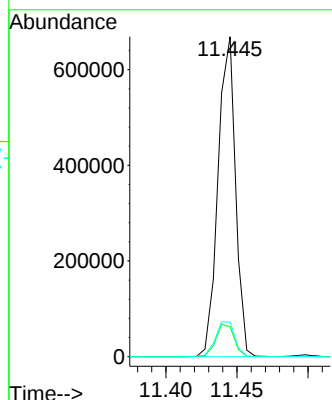
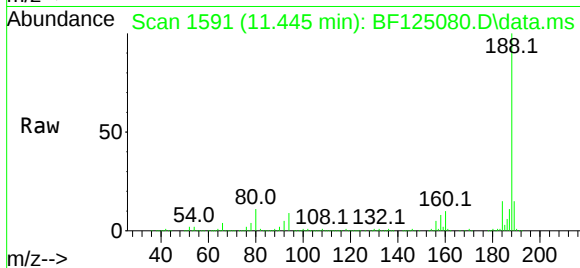




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

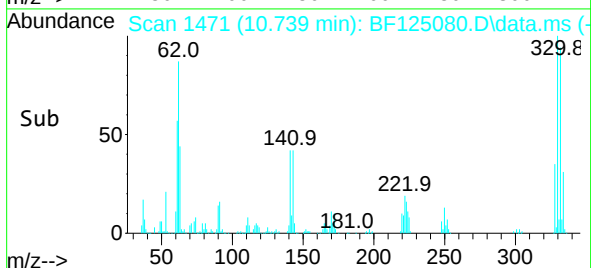
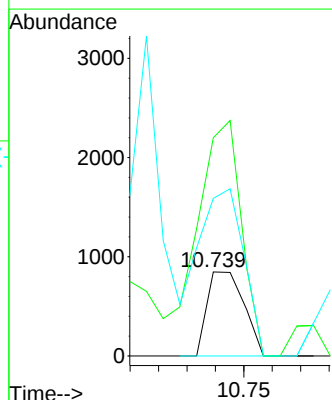
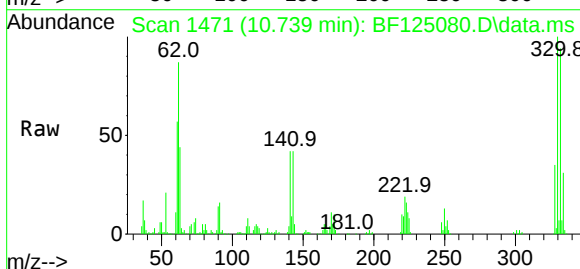
Instrument :
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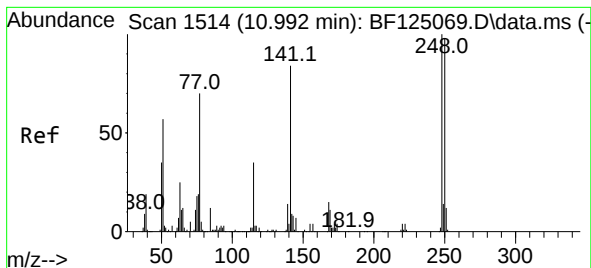
Tgt Ion:188 Resp: 571754
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 10.8 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 5.502 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.188 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

Tgt Ion:198 Resp: 760
Ion Ratio Lower Upper
198 100
51 259.6 45.3 85.3#
105 187.6 30.6 70.6#

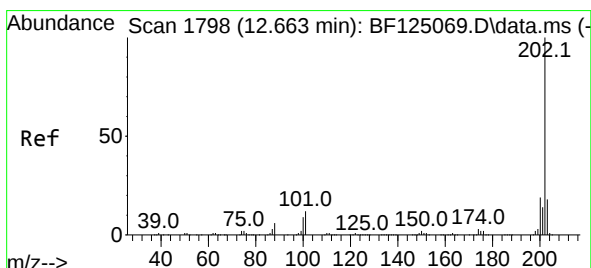
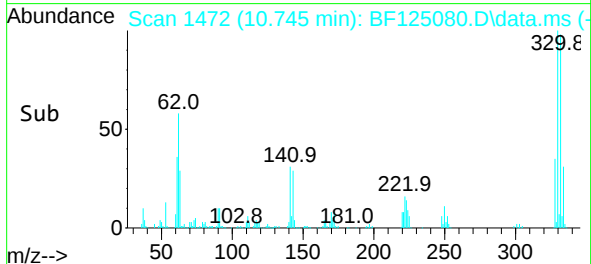
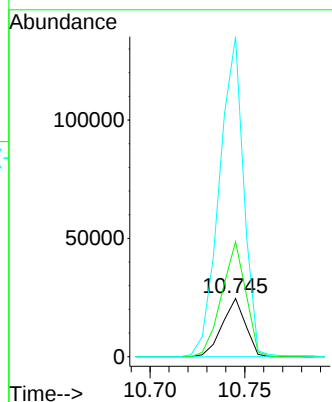
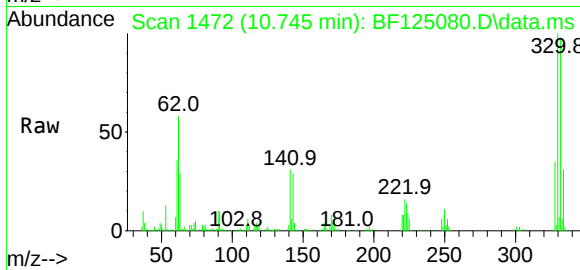




#67
4-Bromophenyl-phenylether
Concen: 3.495 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

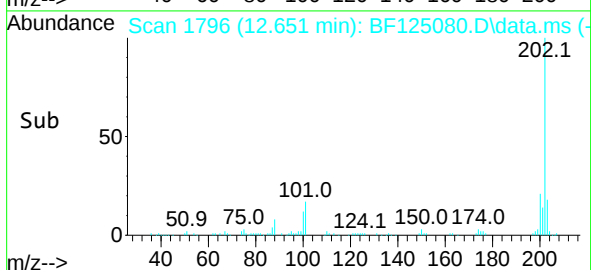
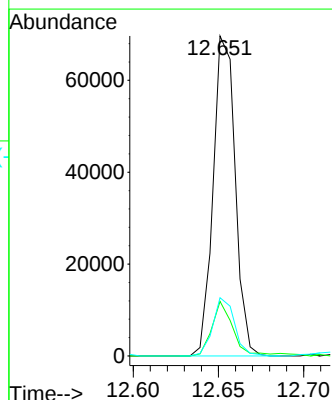
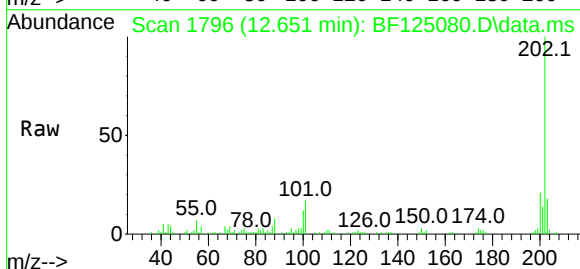
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

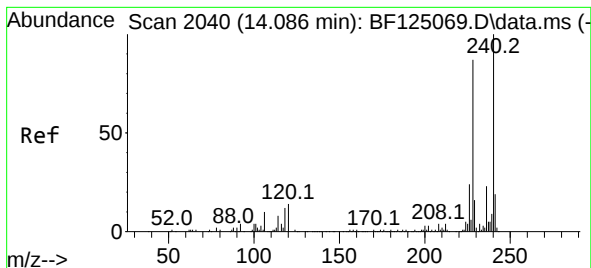
Tgt Ion:248 Resp: 21060
Ion Ratio Lower Upper
248 100
250 197.5 74.2 111.4#
141 549.4 60.4 90.6#



#75
Fluoranthene
Concen: 2.055 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

Tgt Ion:202 Resp: 62653
Ion Ratio Lower Upper
202 100
101 17.1 0.0 30.7
203 18.2 0.0 36.3

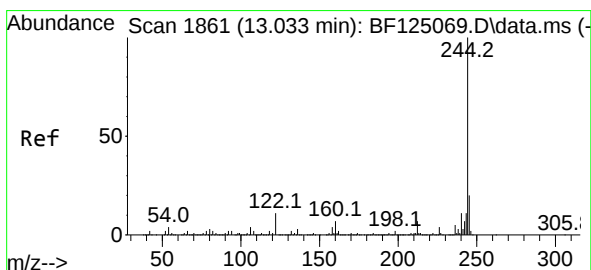
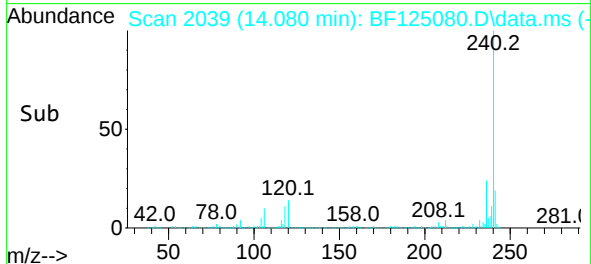
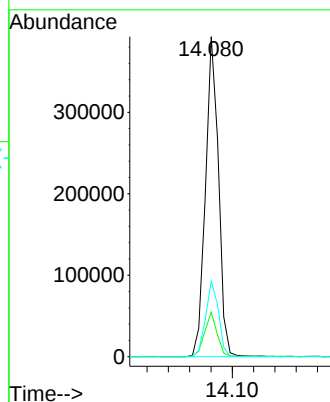
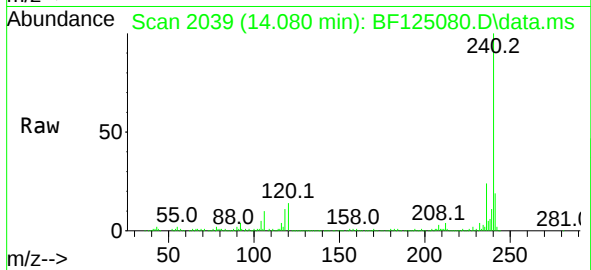




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

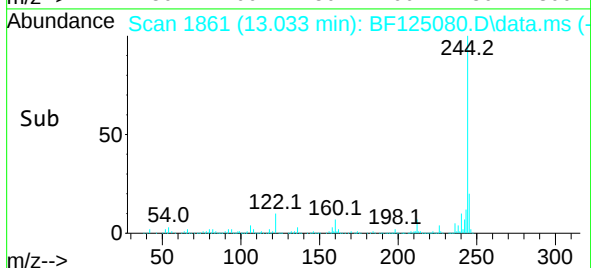
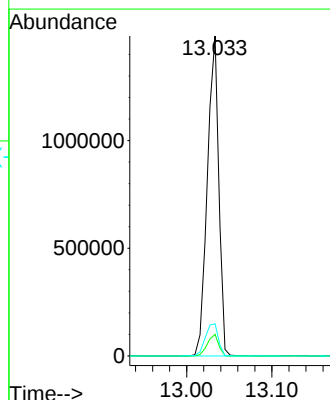
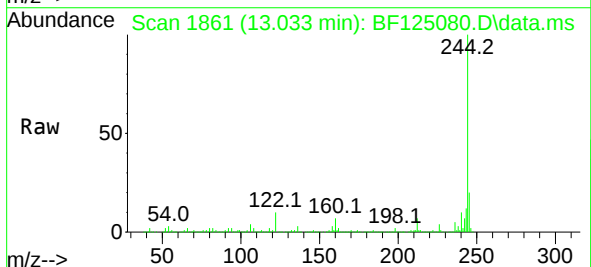
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

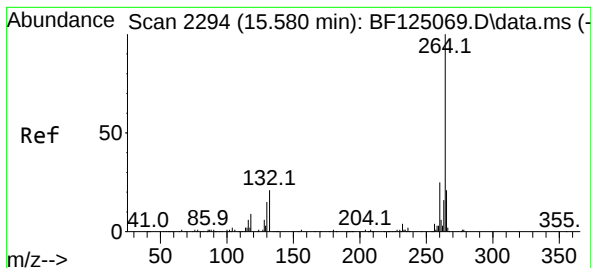
Tgt Ion:240 Resp: 334716
Ion Ratio Lower Upper
240 100
120 13.9 10.8 16.2
236 23.6 21.6 32.4



#79
Terphenyl-d14
Concen: 59.466 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

Tgt Ion:244 Resp: 1382320
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.1 9.0 13.4

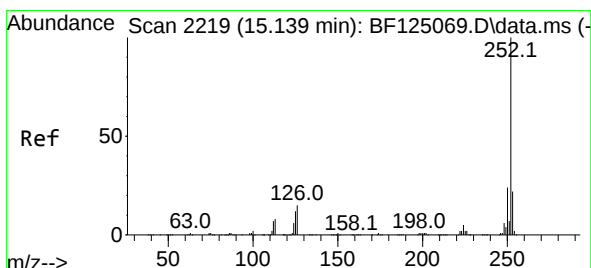
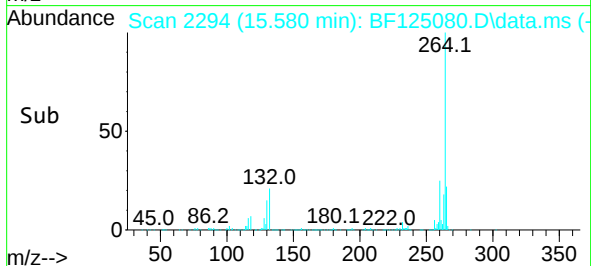
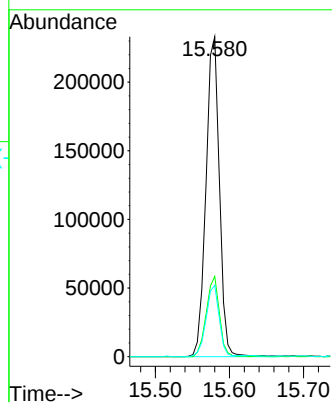
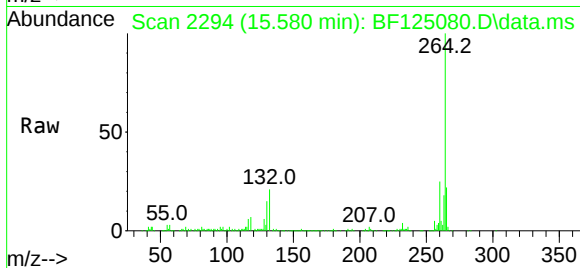




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

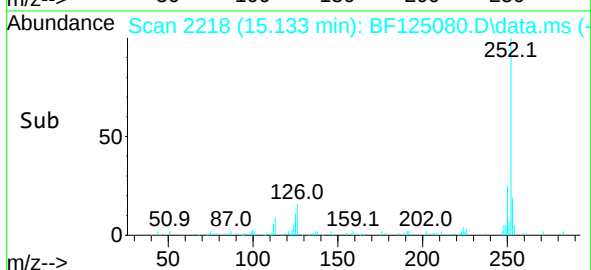
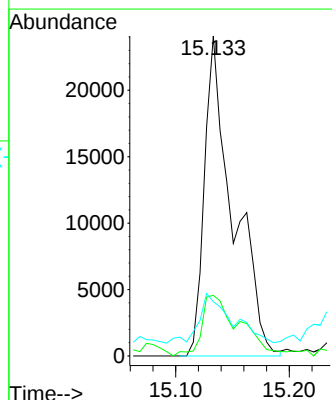
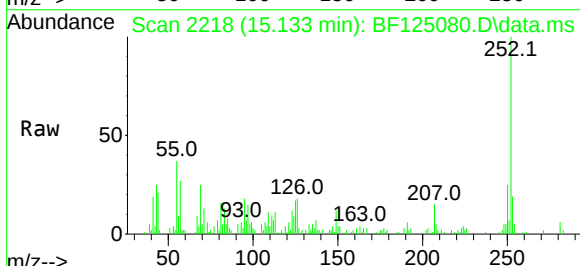
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

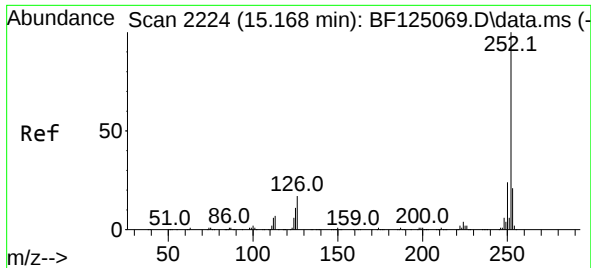
Tgt Ion:	264	Resp:	295255
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.6	29.4
265	22.3	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 2.099 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF125080.D
Acq: 17 Aug 2021 21:39

Tgt Ion:	252	Resp:	42066
Ion Ratio	Lower	Upper	
252	100		
253	18.9	16.8	25.2
125	17.0	9.8	14.8#





#89

Benzo(k)fluoranthene

Concen: 2.218 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.035 min

Lab File: BF125080.D

Acq: 17 Aug 2021 21:39

Tgt Ion:252 Resp: 42066

Ion Ratio Lower Upper

252 100

253 18.9 17.8 26.8

125 17.0 7.2 10.8#

