

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
 Data File : BF125076.D
 Acq On : 17 Aug 2021 19:28
 Operator : JU/CG
 Sample : M3428-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Aug 18 05:01:52 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)

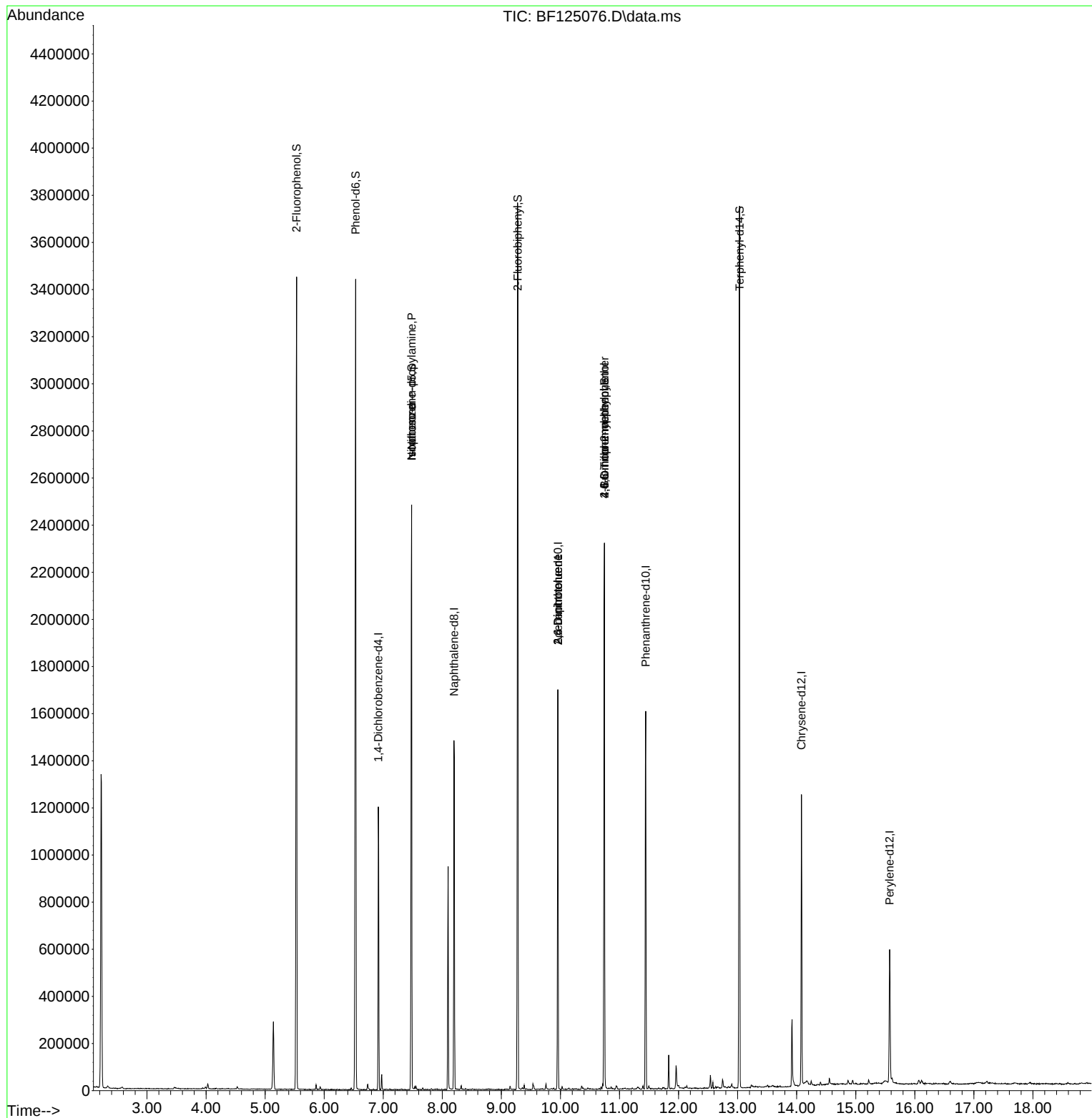
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	164641	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	638189	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	298921	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	558420	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	397462	20.000	ng	0.00
86) Perylene-d12	15.574	264	253387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	884757	80.283	ng	0.00
7) Phenol-d6	6.534	99	1082146	79.830	ng	0.00
23) Nitrobenzene-d5	7.481	82	728554	63.162	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	255612	91.591	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1168601	52.108	ng	0.00
79) Terphenyl-d14	13.033	244	1291315	46.781	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	99861	11.348	ng	# 61
25) Isophorone	7.481	82	728541	29.016	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	38399	9.419	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	38399	7.910	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.745	198	496	5.421	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	14735	2.504	ng	# 1

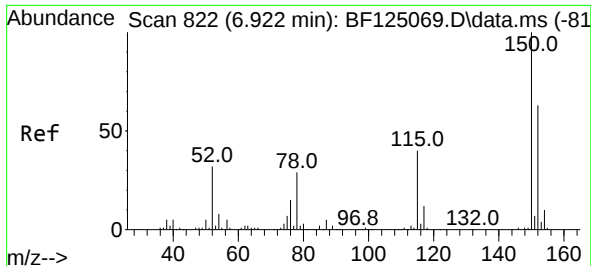
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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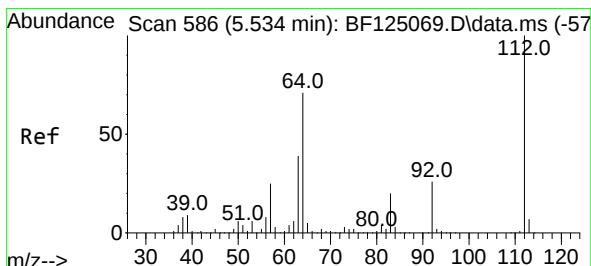
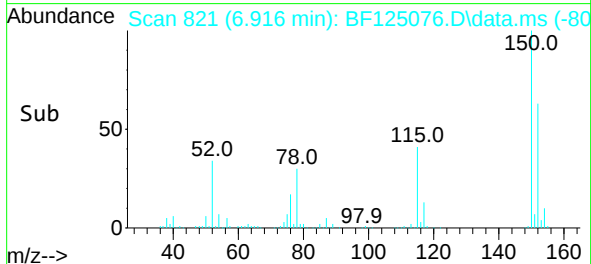
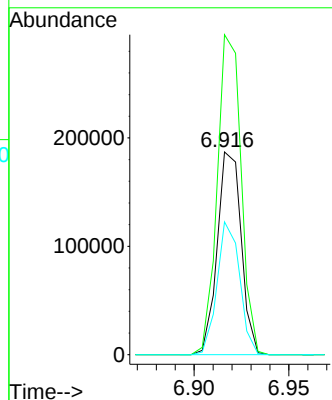
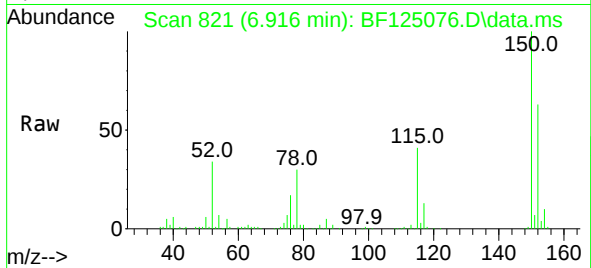




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

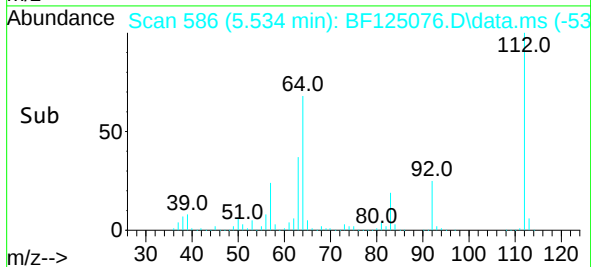
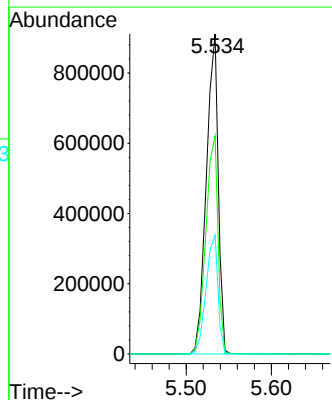
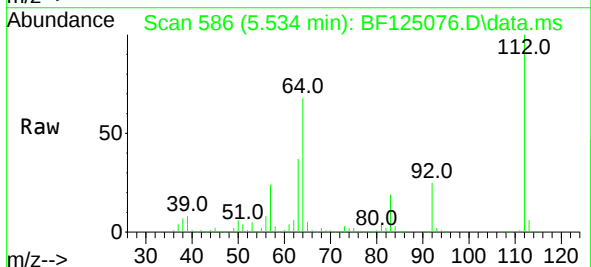
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

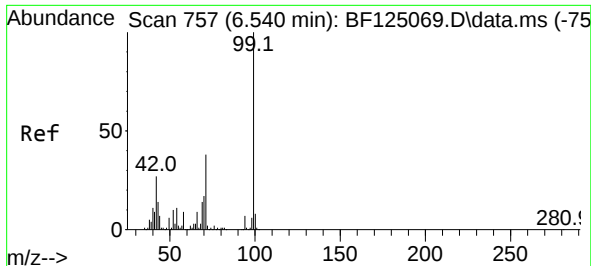
Tgt Ion:152 Resp: 164641
Ion Ratio Lower Upper
152 100
150 157.9 117.6 176.4
115 65.5 47.1 70.7



#5
2-Fluorophenol
Concen: 80.283 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

Tgt Ion:112 Resp: 884757
Ion Ratio Lower Upper
112 100
64 68.1 44.2 66.2#
63 37.1 26.2 39.2

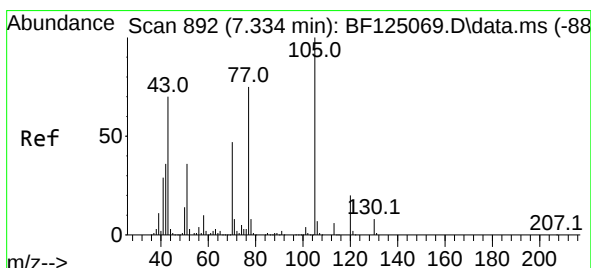
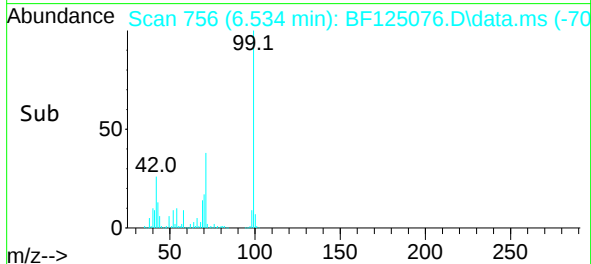
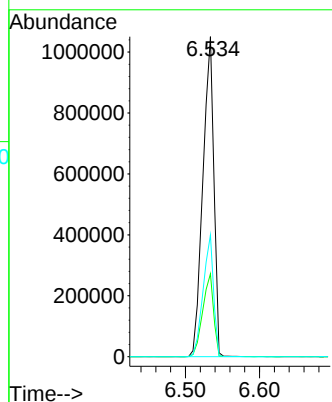
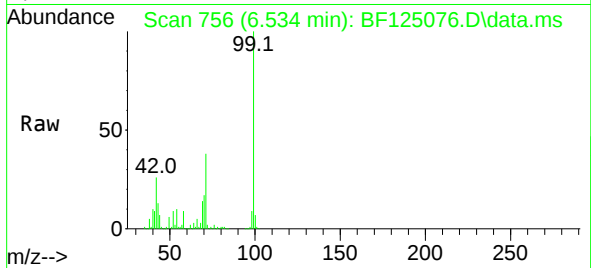




#7
Phenol-d6
Concen: 79.830 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

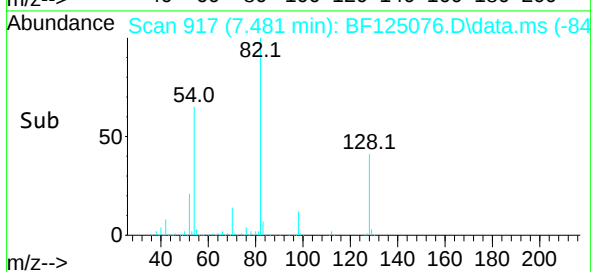
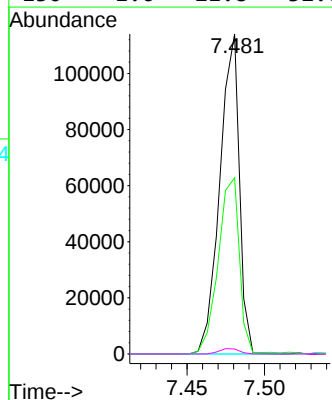
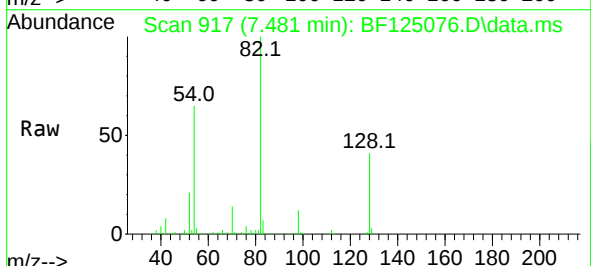
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

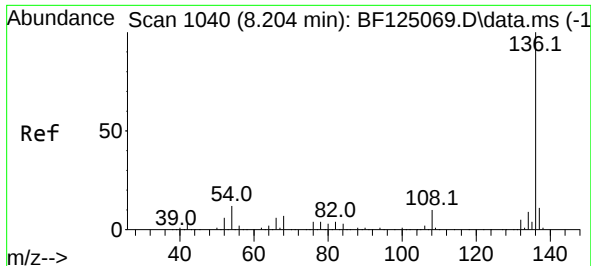
Tgt Ion: 99 Resp: 1082146
Ion Ratio Lower Upper
99 100
42 25.9 23.5 35.3
71 38.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.348 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

Tgt Ion: 70 Resp: 99861
Ion Ratio Lower Upper
70 100
42 55.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

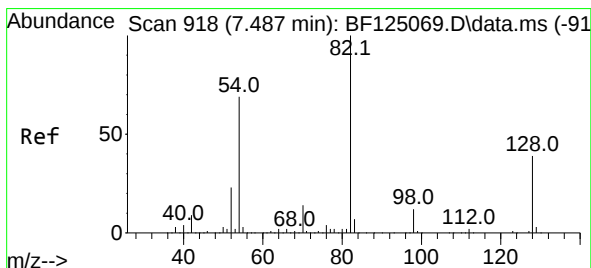
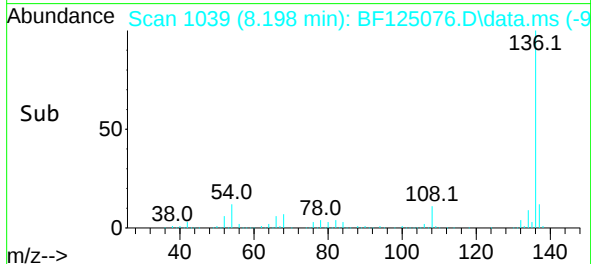
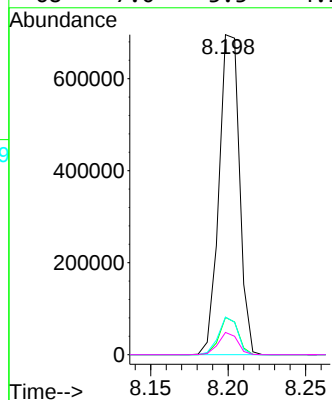
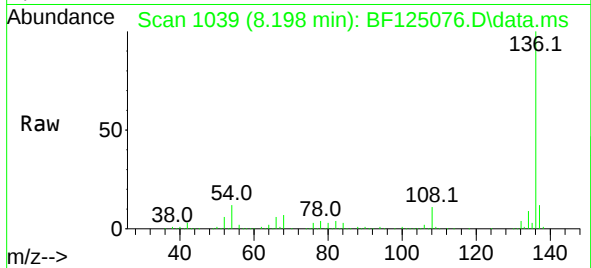




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

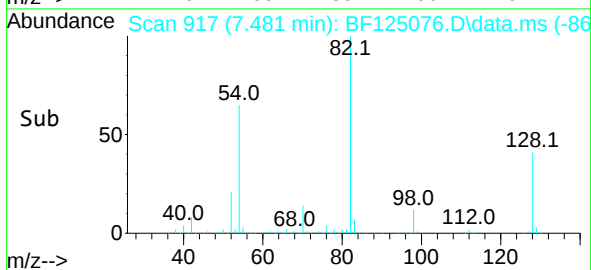
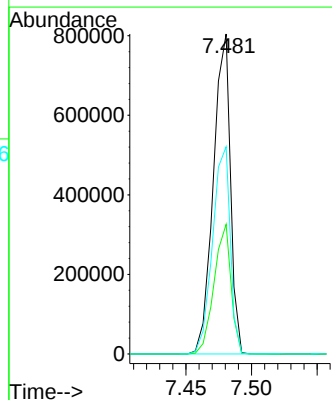
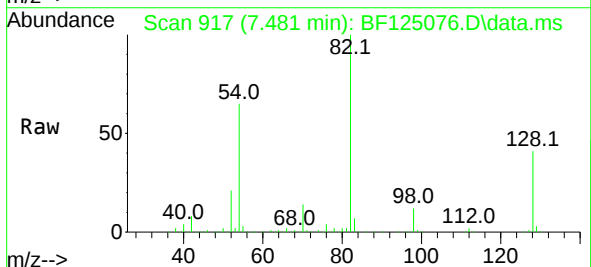
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

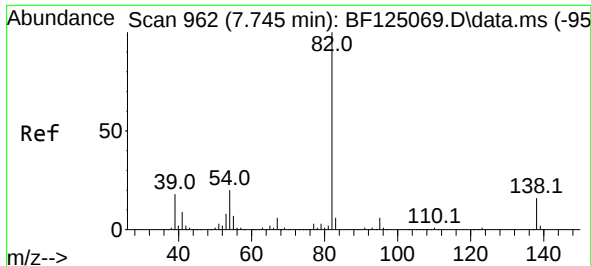
Tgt Ion:	136	Resp:	638189
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.8	14.6
54	11.8	6.4	9.6#
68	7.0	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 63.162 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

Tgt Ion:	82	Resp:	728554
Ion Ratio	Lower	Upper	
82	100		
128	40.5	40.6	60.8#
54	64.7	49.6	74.4

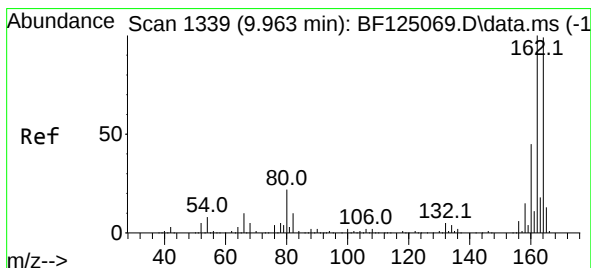
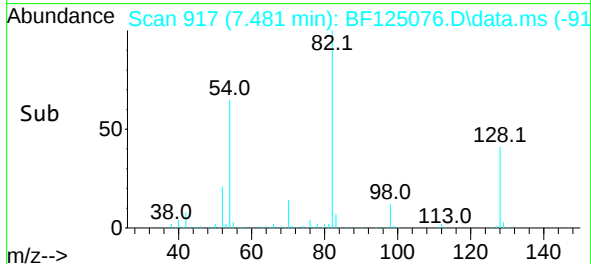
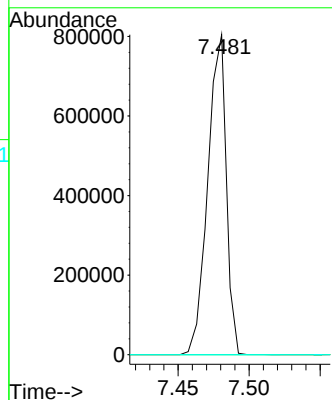
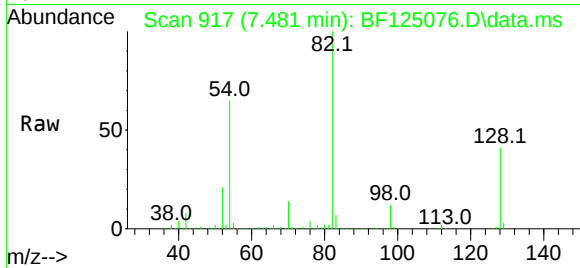




#25
Isophorone
Concen: 29.016 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

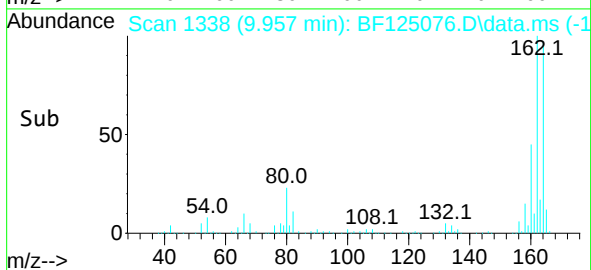
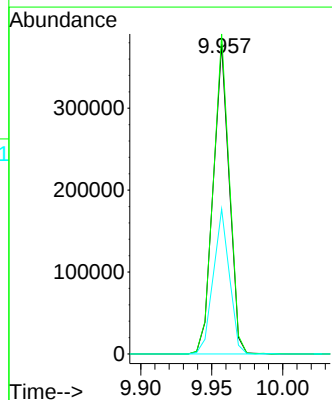
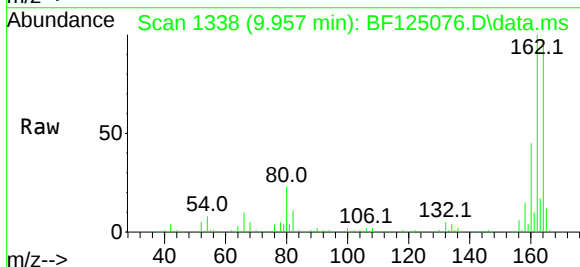
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

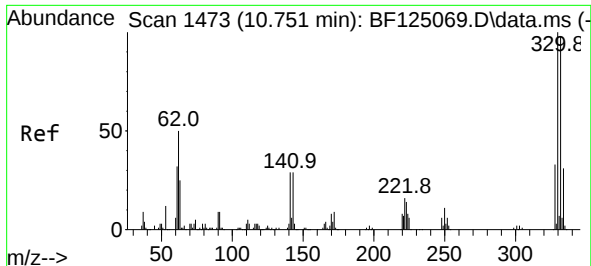
Tgt Ion: 82 Resp: 728541
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

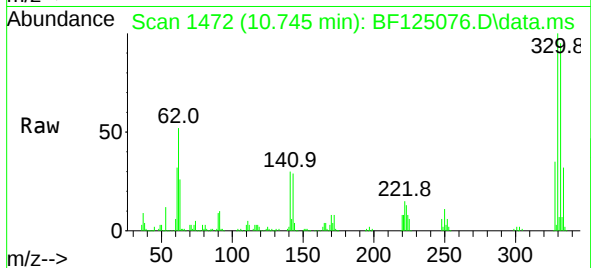
Tgt Ion: 164 Resp: 298921
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 46.8 38.0 57.0



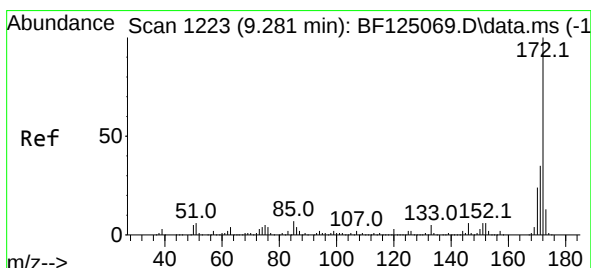
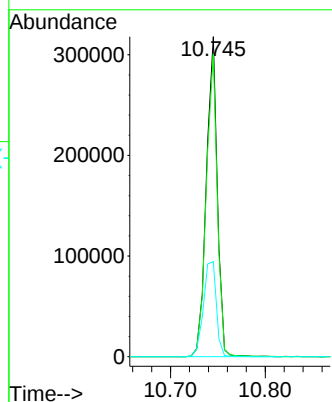
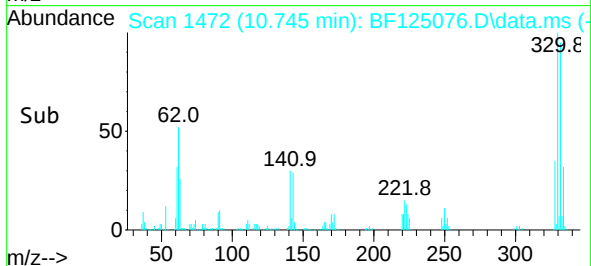


#42
2,4,6-Tribromophenol
Concen: 91.591 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

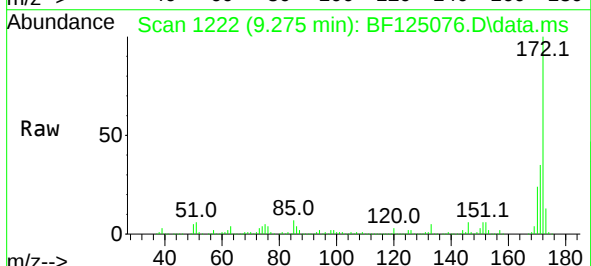
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BNA_F
ClientSampleId :
SB-02-COMP



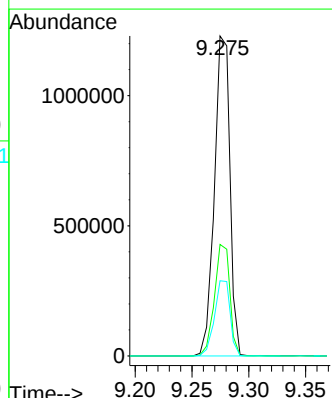
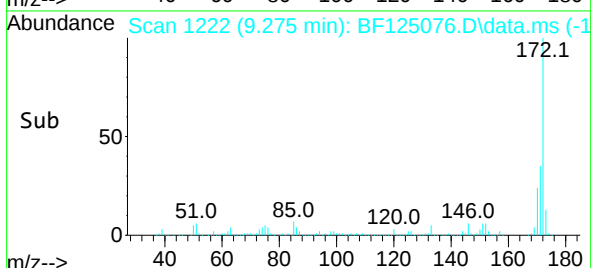
Tgt Ion: 330 Resp: 255612
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 35.1 44.6 66.8#

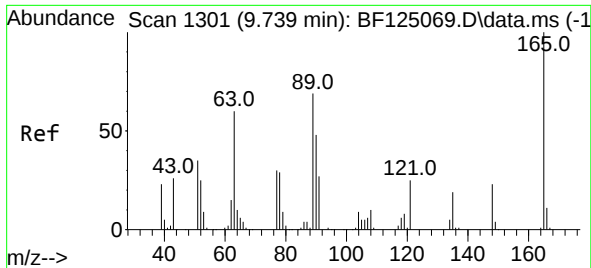


#45
2-Fluorobiphenyl
Concen: 52.108 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28



Tgt Ion: 172 Resp: 1168601
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.5 18.8 28.2

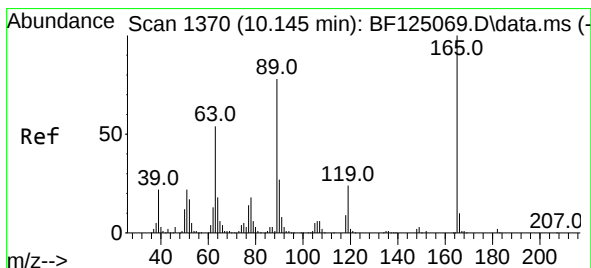
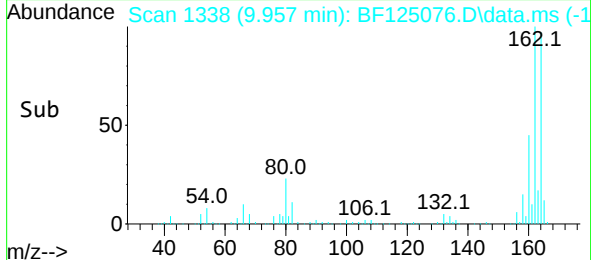
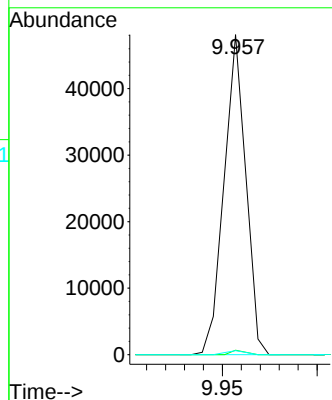
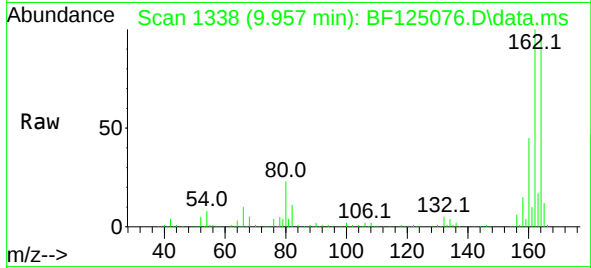




#51
2,6-Dinitrotoluene
Concen: 9.419 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

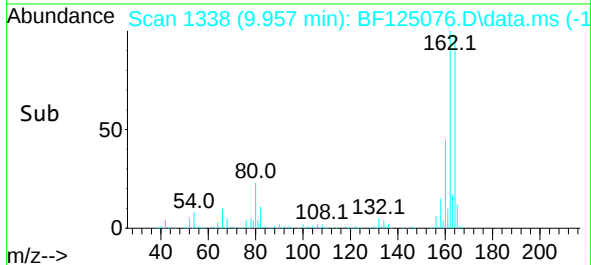
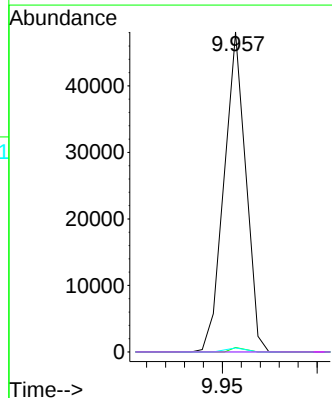
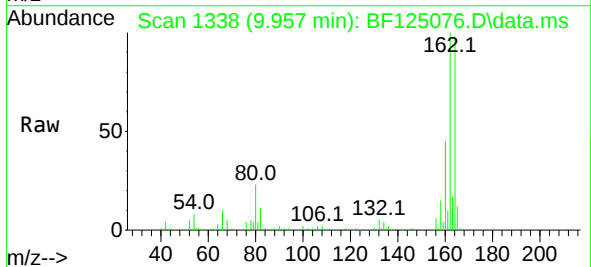
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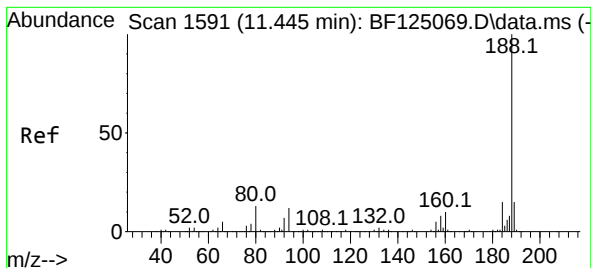
Tgt Ion:165 Resp: 38399
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.910 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

Tgt Ion:165 Resp: 38399
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

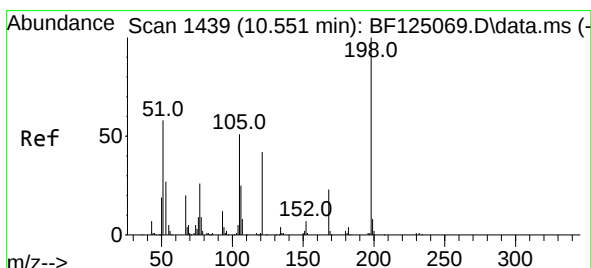
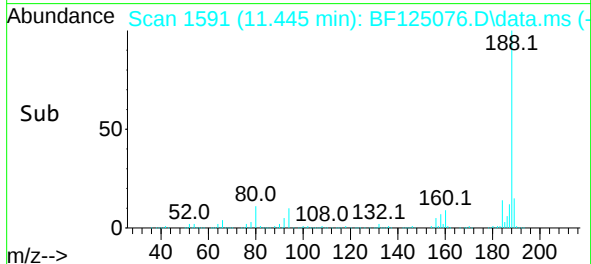
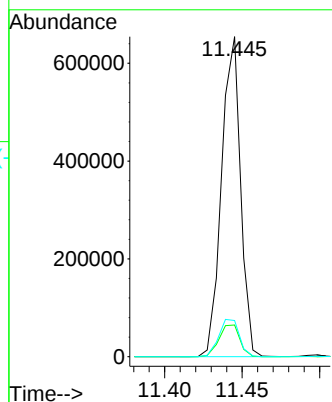
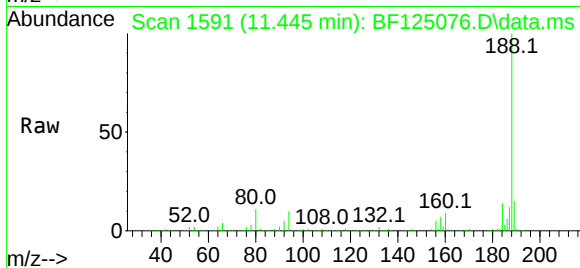




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

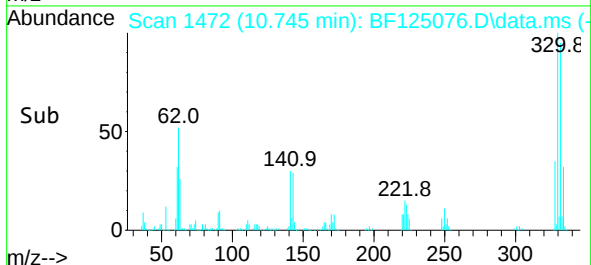
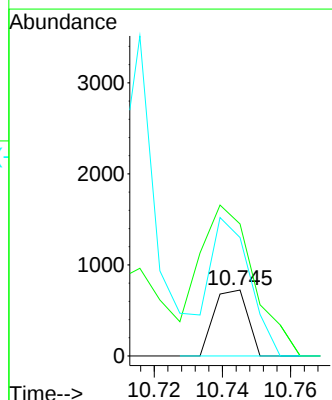
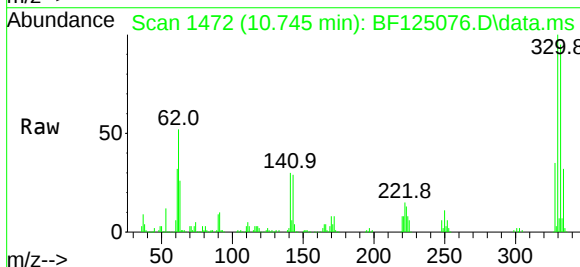
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

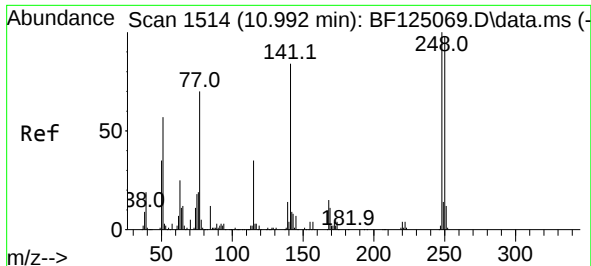
Tgt Ion:188 Resp: 558420
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 11.3 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.421 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.194 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

Tgt Ion:198 Resp: 496
Ion Ratio Lower Upper
198 100
51 200.0 45.3 85.3#
105 179.4 30.6 70.6#

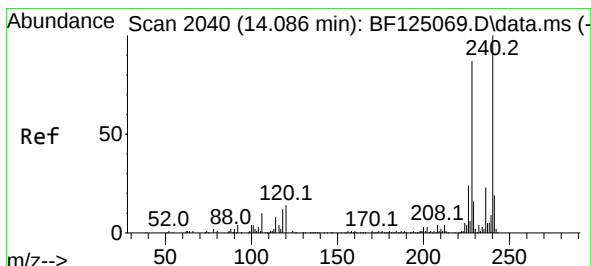
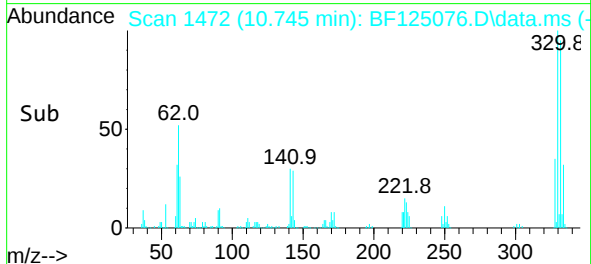
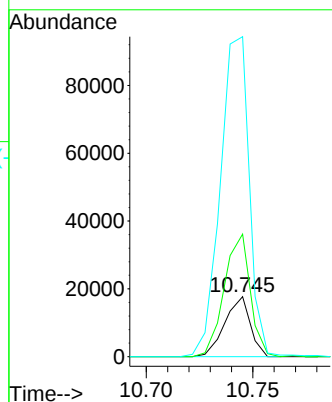
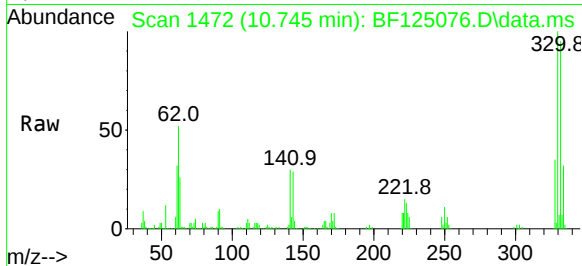




#67
4-Bromophenyl-phenylether
Concen: 2.504 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

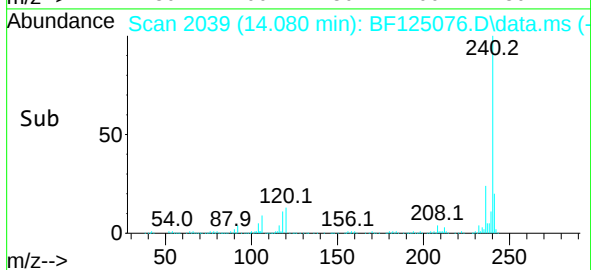
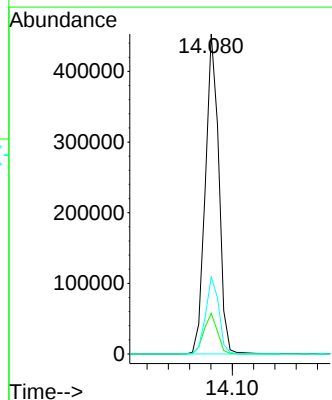
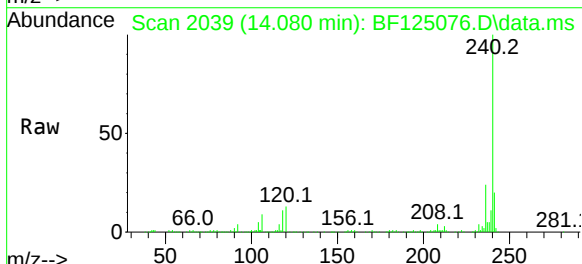
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

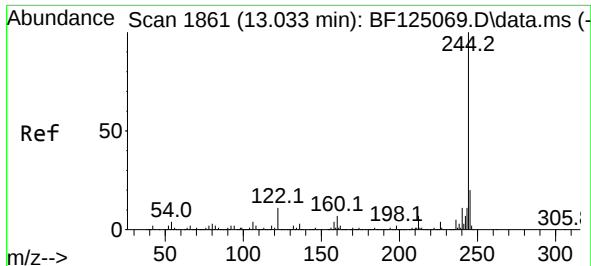
Tgt Ion:248 Resp: 14735
Ion Ratio Lower Upper
248 100
250 204.2 74.2 111.4#
141 533.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

Tgt Ion:240 Resp: 397462
Ion Ratio Lower Upper
240 100
120 12.7 10.8 16.2
236 24.0 21.6 32.4

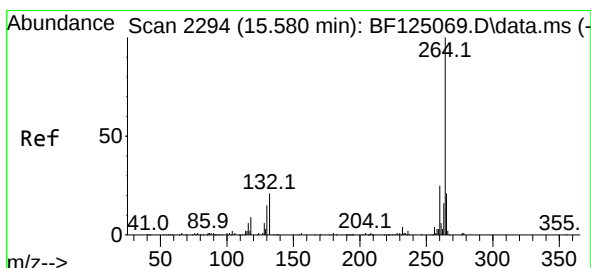
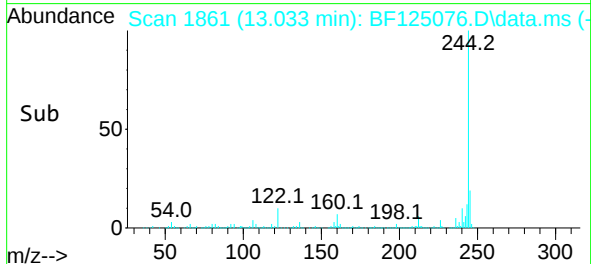
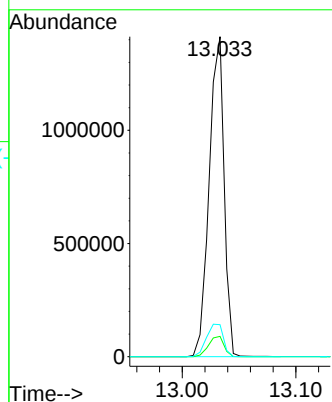
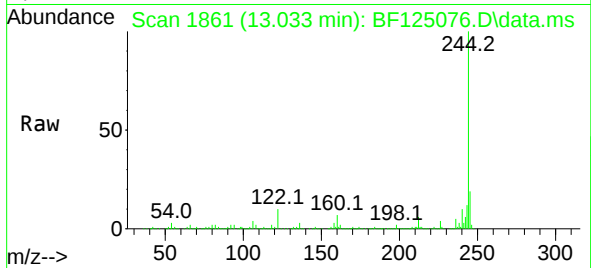




#79
Terphenyl-d14
Concen: 46.781 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125076.D
Acq: 17 Aug 2021 19:28

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:244 Resp: 1291315
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 10.0 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: BF125076.D
Acq: 17 Aug 2021 19:28

Tgt Ion:264 Resp: 253387
Ion Ratio Lower Upper
264 100
260 25.3 19.6 29.4
265 22.2 17.2 25.8

