

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121978.D
 Acq On : 15 Oct 2020 4:26
 Operator : JU/CG
 Sample : L4389-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-3

Quant Time: Oct 15 06:26:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

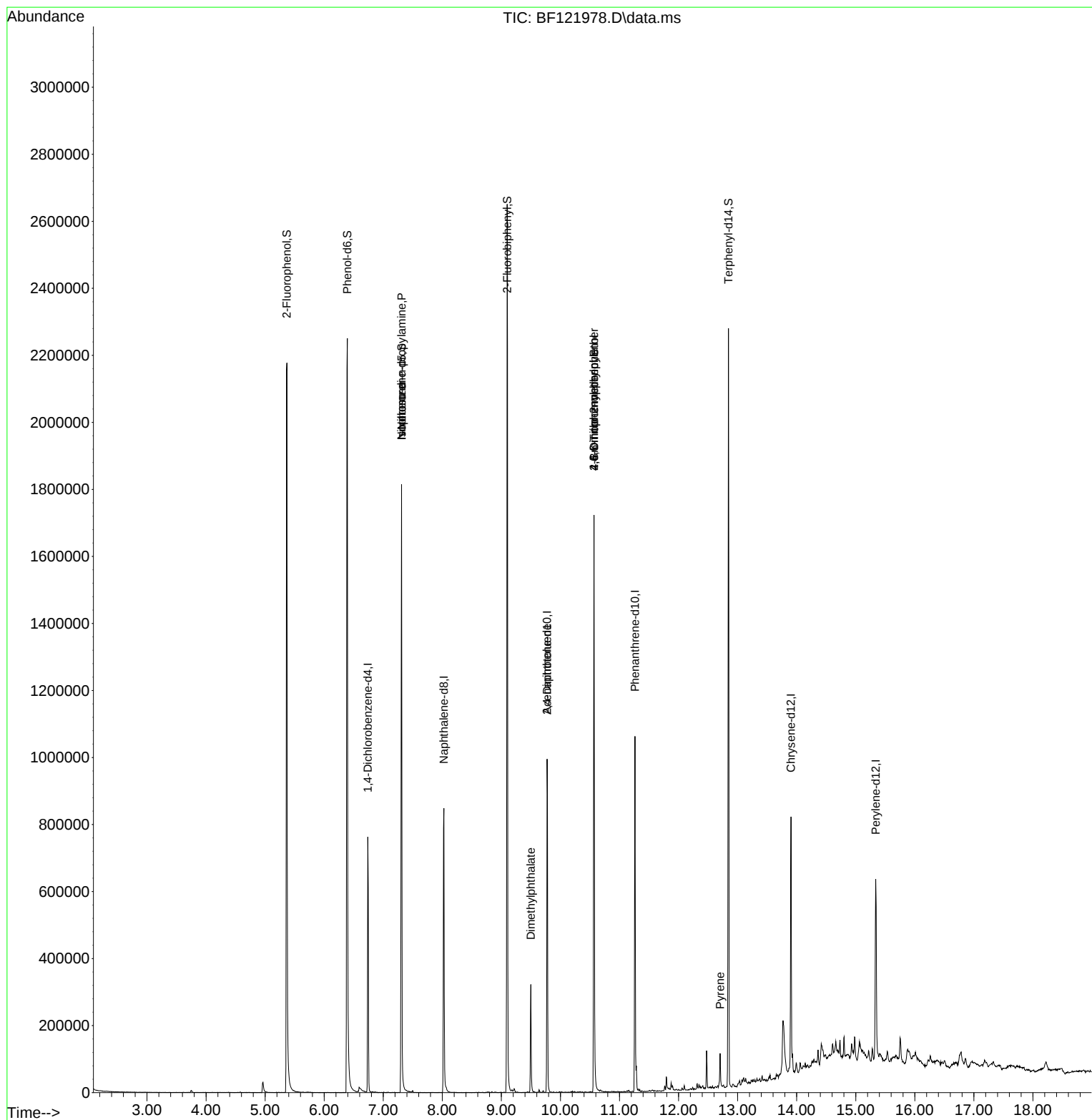
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	109059	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	418595	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	209724	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	369640	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	247472	20.00	ng	-0.01
86) Perylene-d12	15.339	264	231025	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	678305	91.80	ng	0.00
7) Phenol-d6	6.392	99	873084	91.79	ng	0.00
23) Nitrobenzene-d5	7.310	82	588447	72.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	219215	84.50	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	871898	61.17	ng	-0.01
79) Terphenyl-d14	12.845	244	689466	53.10	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	1275	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	78851	14.56	ng	# 79
25) Isophorone	7.310	82	583047	37.78	ng	# 67
50) Dimethylphthalate	9.498	163	138236	9.01	ng	100
57) 2,4-Dinitrotoluene	9.775	165	26628	6.43	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	320	4.55	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	12869	3.01	ng	# 1
78) Pyrene	12.704	202	39793	2.11	ng	99

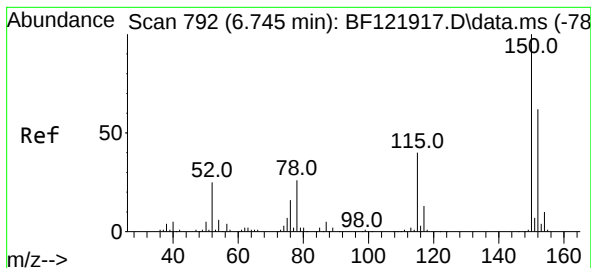
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121978.D
Acq On : 15 Oct 2020 4:26
Operator : JU/CG
Sample : L4389-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-3

Quant Time: Oct 15 06:26:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

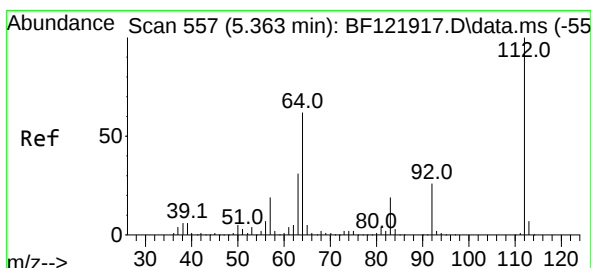
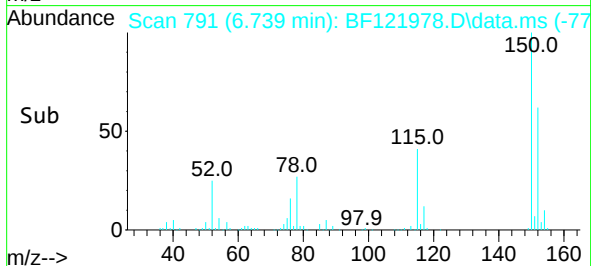
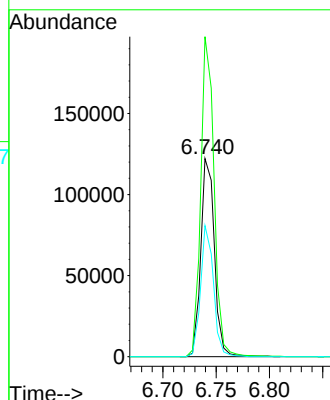
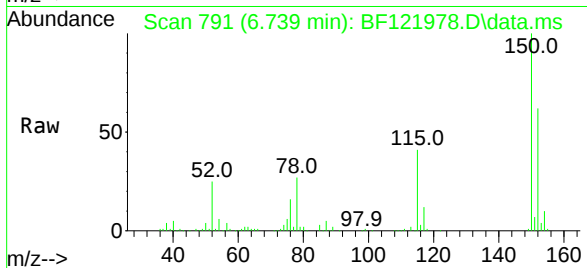




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

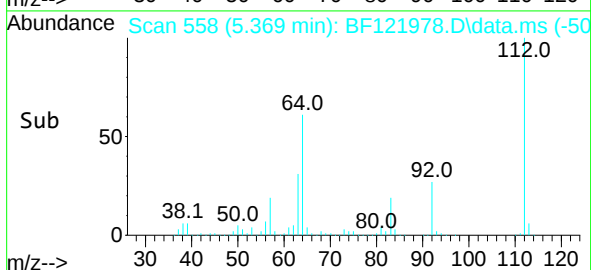
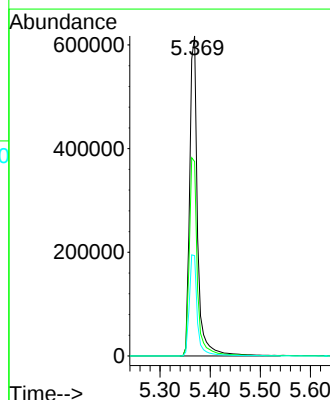
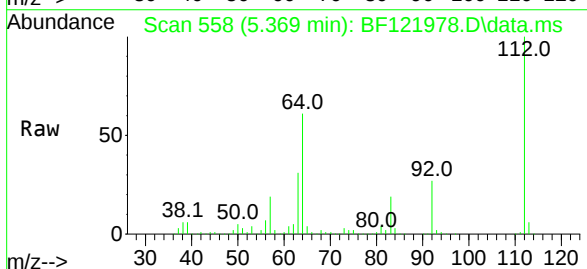
Instrument :
BNA_F
ClientSampleId :
BG-3

Tgt Ion:152 Resp: 109059
Ion Ratio Lower Upper
152 100
150 161.6 125.3 187.9
115 66.1 51.9 77.9



#5
2-Fluorophenol
Concen: 91.80 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

Tgt Ion:112 Resp: 678305
Ion Ratio Lower Upper
112 100
64 60.8 50.4 75.6
63 31.3 25.8 38.6

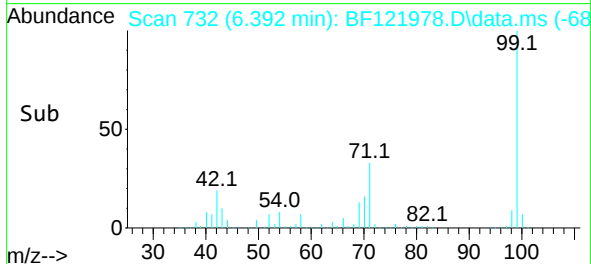
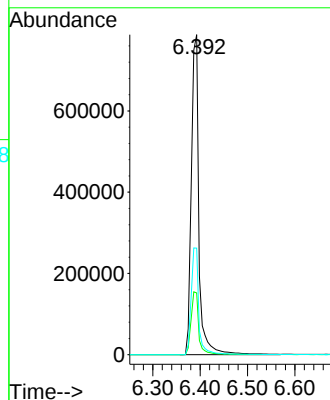
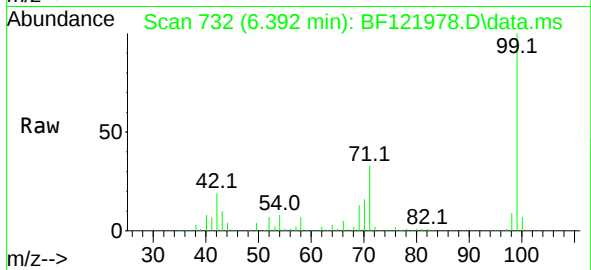




#7
Phenol-d6
Concen: 91.79 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

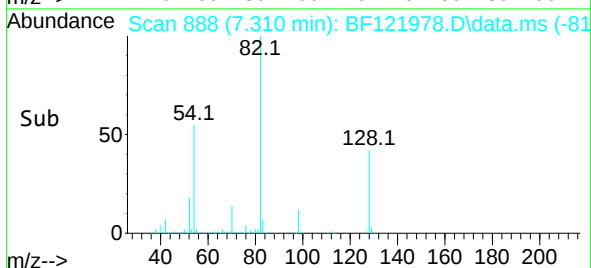
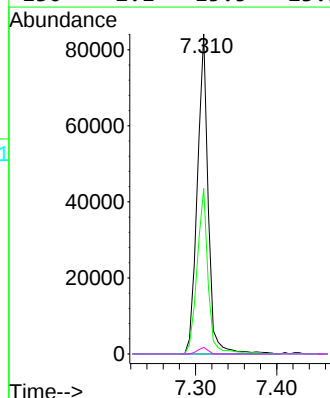
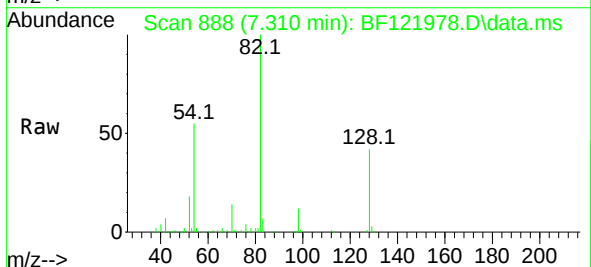
Instrument :
BNA_F
ClientSampleId :
BG-3

Tgt Ion: 99 Resp: 873084
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 33.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.56 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

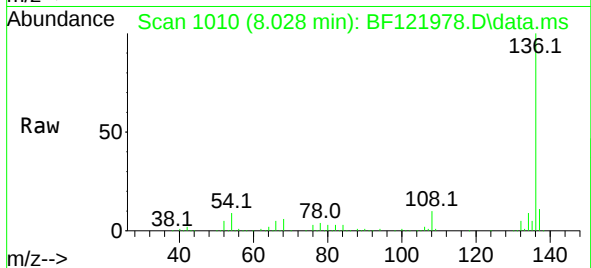
Tgt Ion: 70 Resp: 78851
Ion Ratio Lower Upper
70 100
42 51.7 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



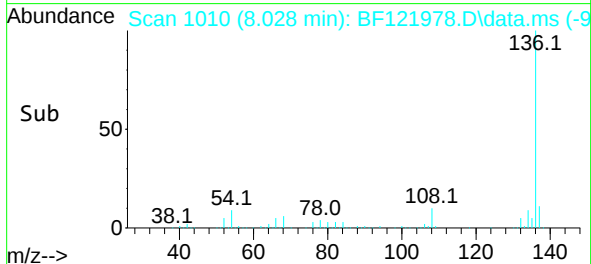
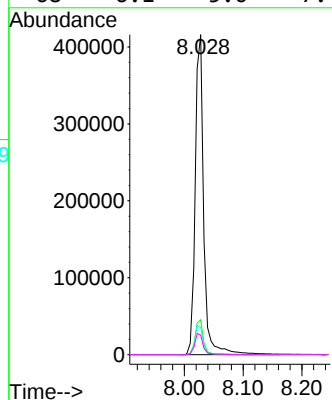


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

Instrument :
BNA_F
ClientSampled :
BG-3

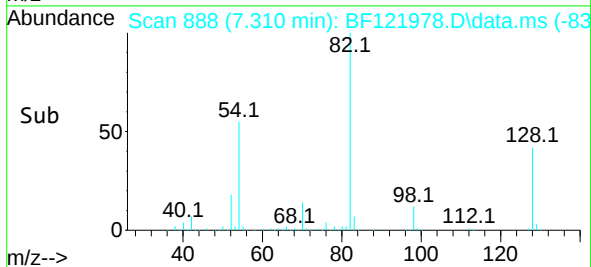
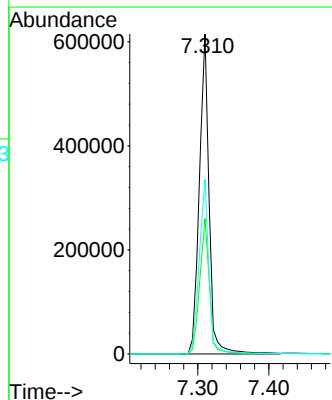
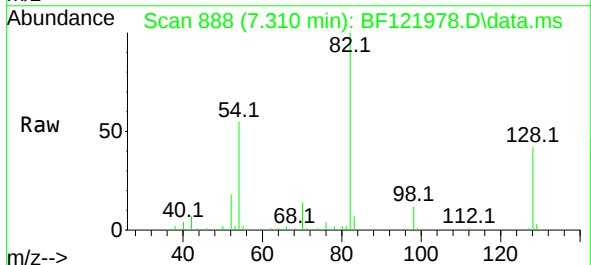


Tgt Ion:136 Resp: 418595
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.1 10.7
68 6.1 5.0 7.4



#23
Nitrobenzene-d5
Concen: 72.09 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

Tgt Ion: 82 Resp: 588447
Ion Ratio Lower Upper
82 100
128 42.3 35.0 52.4
54 54.6 43.9 65.9

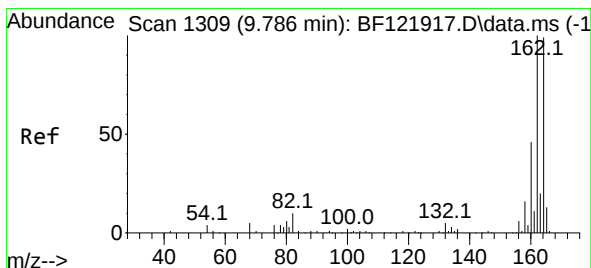
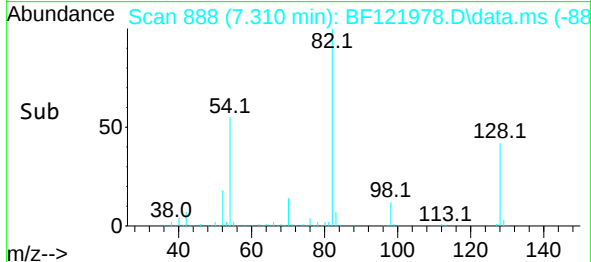
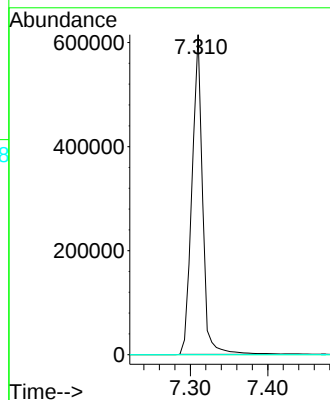
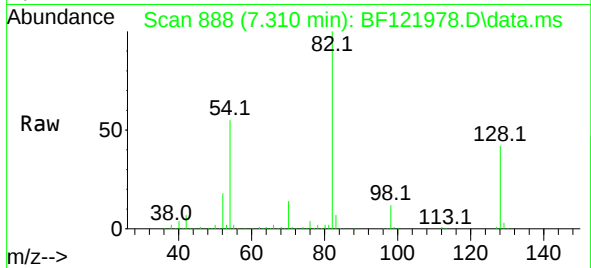




#25
Isophorone
Concen: 37.78 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

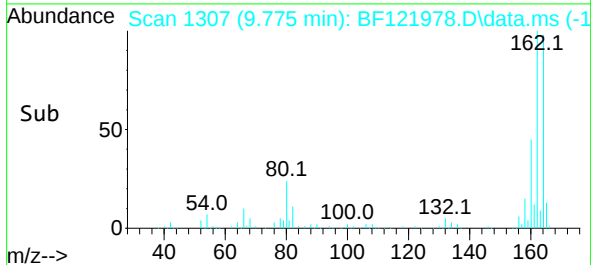
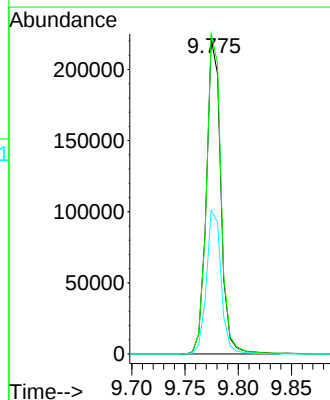
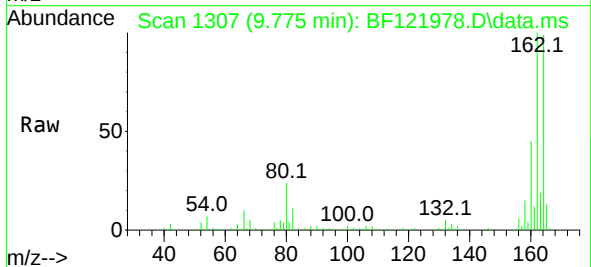
Instrument :
BNA_F
ClientSampleId :
BG-3

Tgt Ion: 82 Resp: 583047
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

Tgt Ion: 164 Resp: 209724
Ion Ratio Lower Upper
164 100
162 101.5 83.2 124.8
160 45.6 37.5 56.3

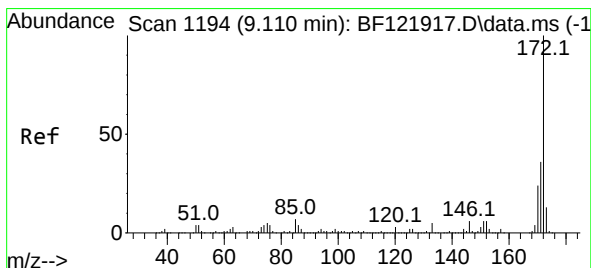
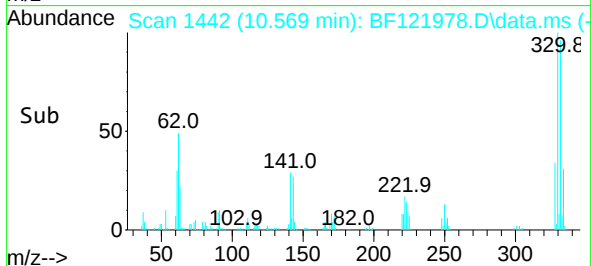
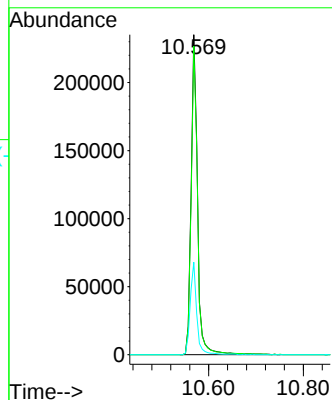
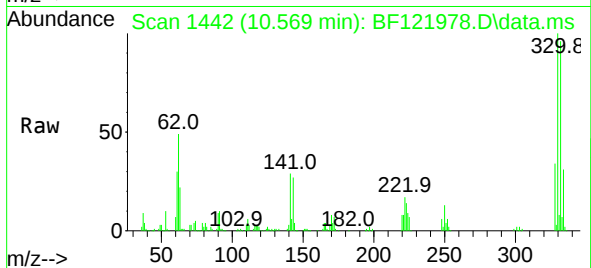




#42
2,4,6-Tribromophenol
Concen: 84.50 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

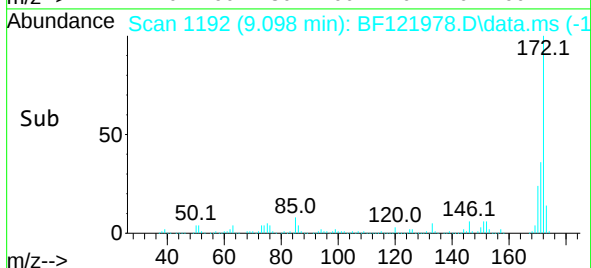
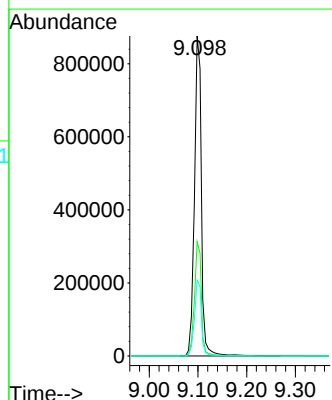
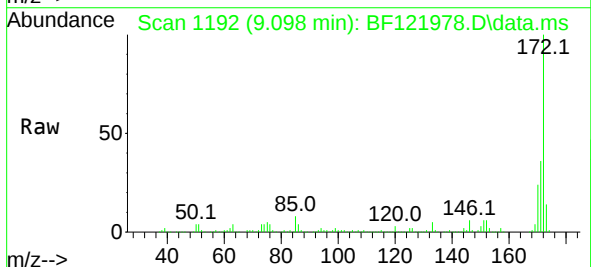
Instrument :
BNA_F
ClientSampleId :
BG-3

Tgt Ion: 330 Resp: 219215
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 29.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 61.17 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

Tgt Ion: 172 Resp: 871898
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 23.6 19.8 29.6

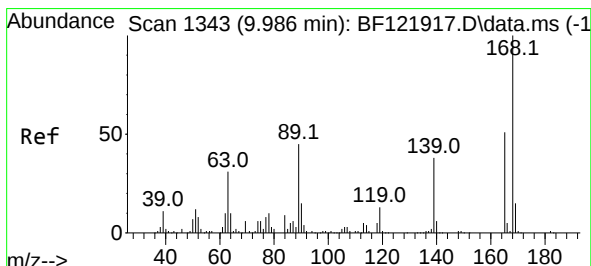
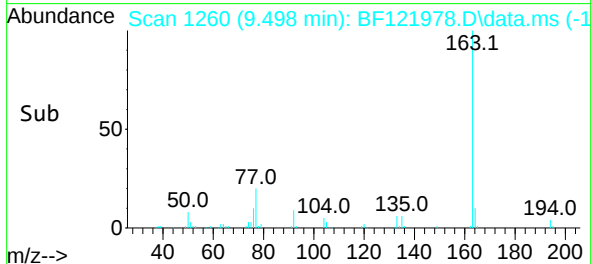
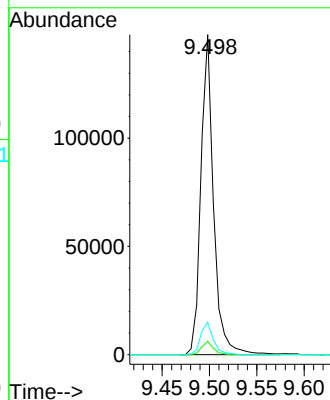
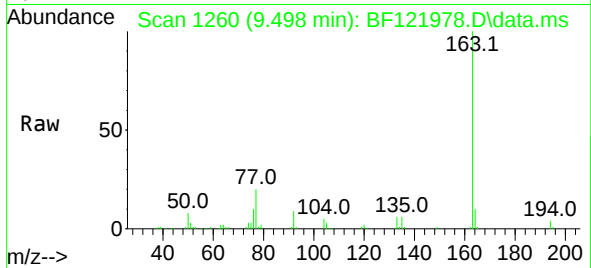




#50
Dimethylphthalate
Concen: 9.01 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

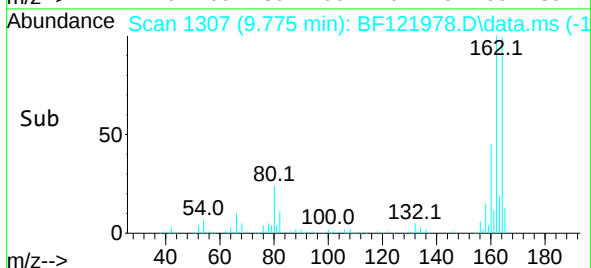
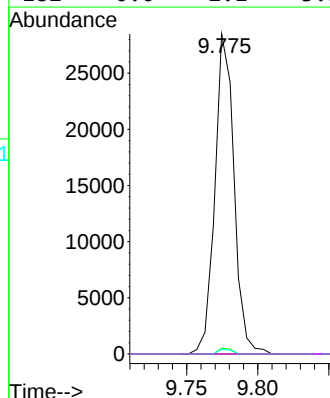
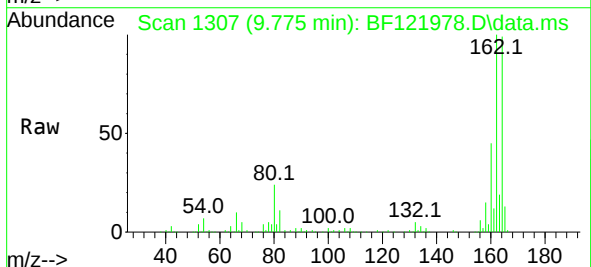
Instrument :
BNA_F
ClientSampled :
BG-3

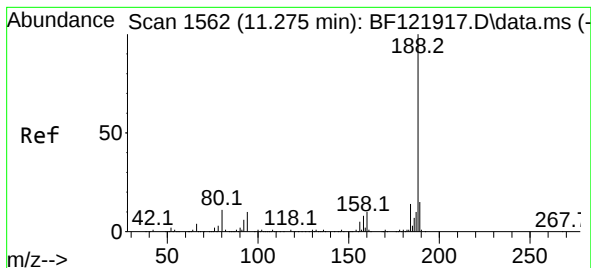
Tgt Ion:163 Resp: 138236
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

Tgt Ion:165 Resp: 26628
Ion Ratio Lower Upper
165 100
63 1.8 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

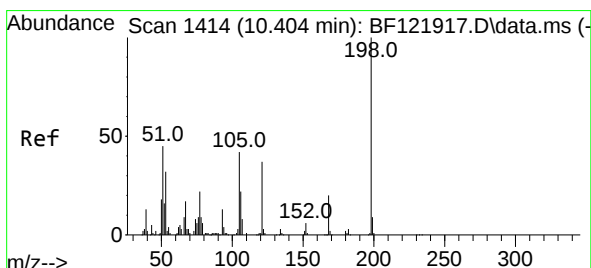
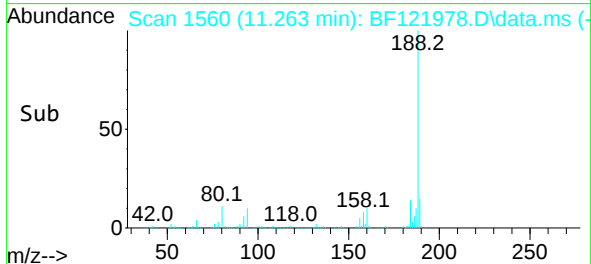
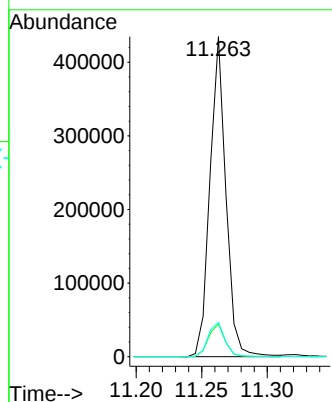
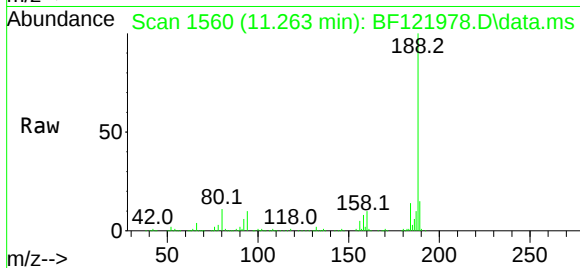




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

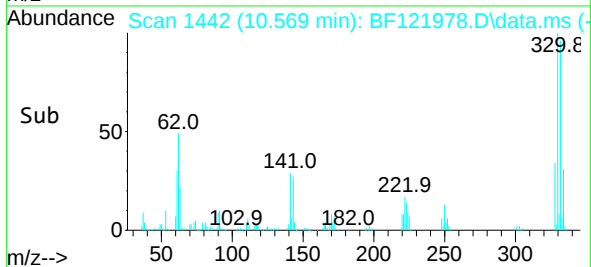
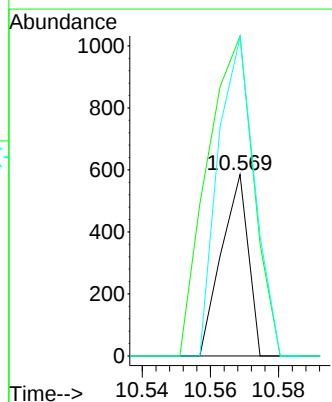
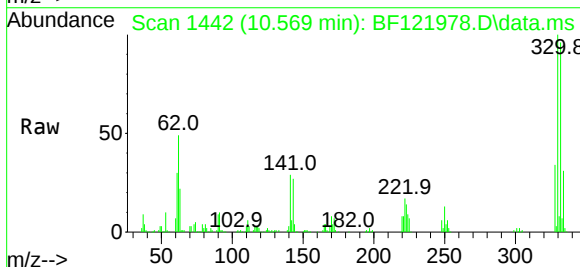
Instrument :
BNA_F
ClientSampled :
BG-3

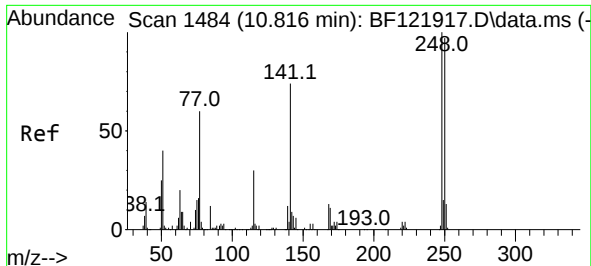
Tgt Ion:188 Resp: 369640
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.7 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

Tgt Ion:198 Resp: 320
Ion Ratio Lower Upper
198 100
51 176.4 29.6 69.6#
105 175.9 24.4 64.4#

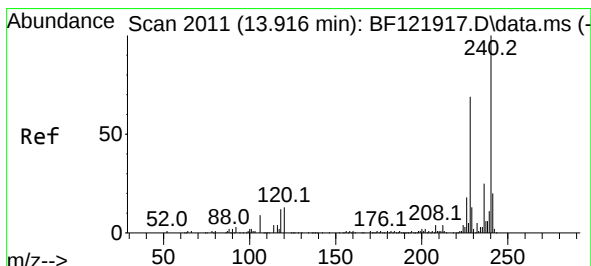
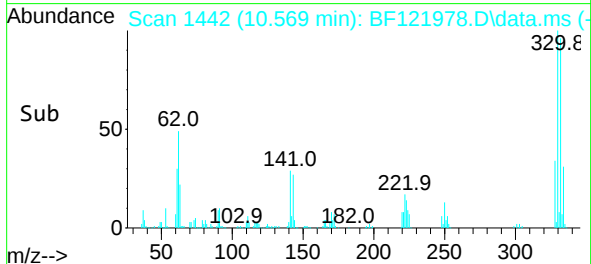
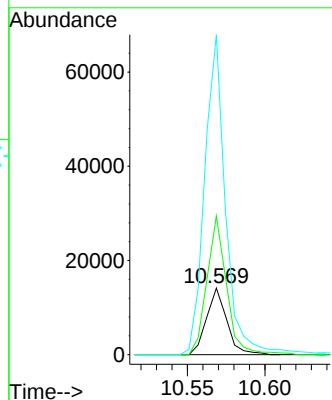
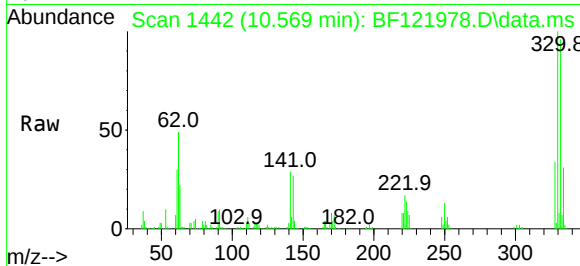




#67
4-Bromophenyl-phenylether
Concen: 3.01 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

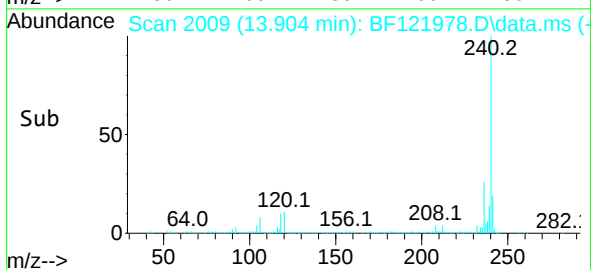
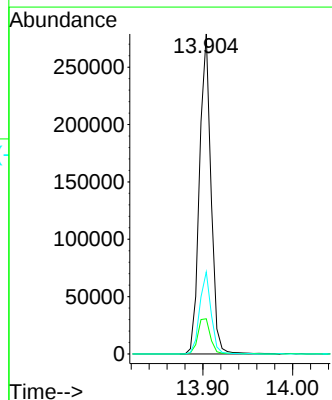
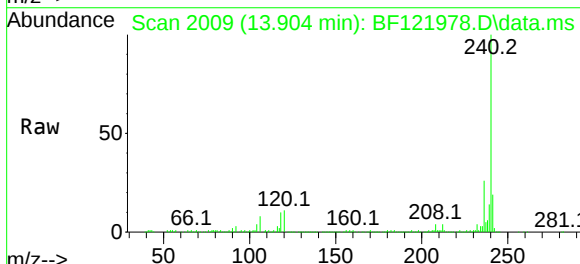
Instrument :
BNA_F
ClientSampled :
BG-3

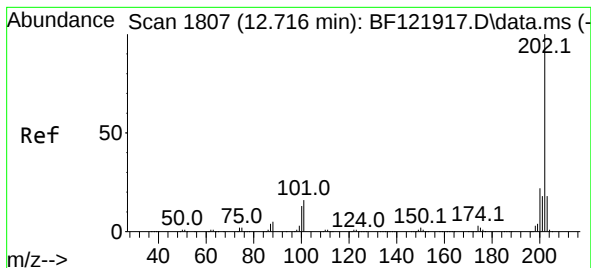
Tgt Ion:248 Resp: 12869
Ion Ratio Lower Upper
248 100
250 208.2 77.0 115.6#
141 480.5 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121978.D
Acq: 15 Oct 2020 4:26

Tgt Ion:240 Resp: 247472
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.6 20.9 31.3





#78

Pyrene

Concen: 2.11 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.012 min

Lab File: BF121978.D

Acq: 15 Oct 2020 4:26

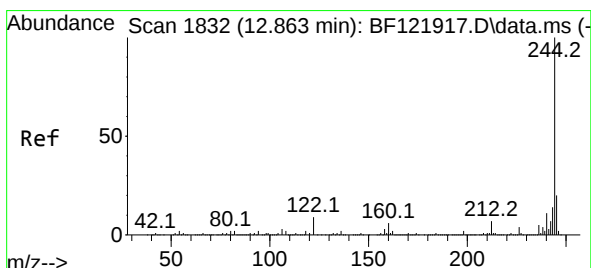
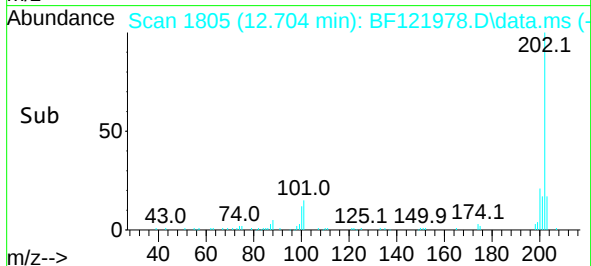
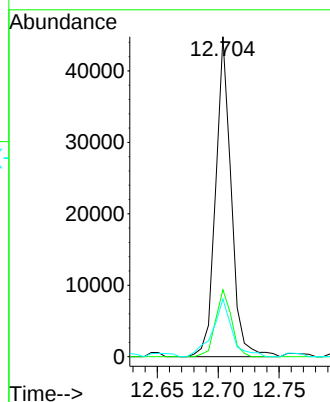
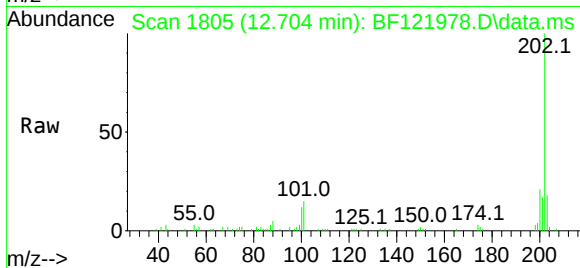
Instrument :

BNA_F

ClientSampled :

BG-3

Tgt Ion:202	Resp:	39793
Ion Ratio	Lower	Upper
202	100	
200	20.9	17.4 26.2
203	18.0	14.6 21.8



#79

Terphenyl-d14

Concen: 53.10 ng

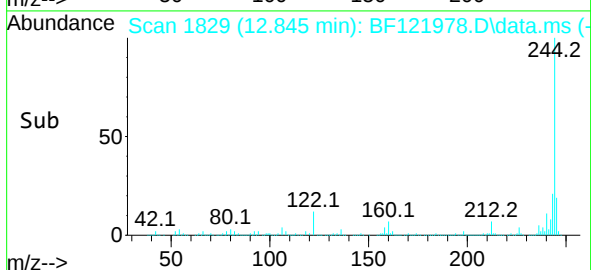
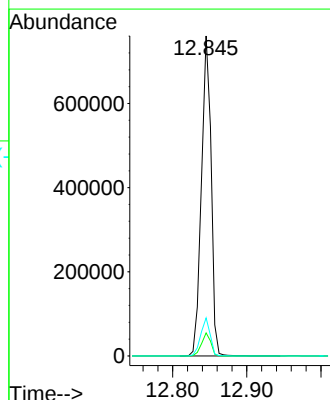
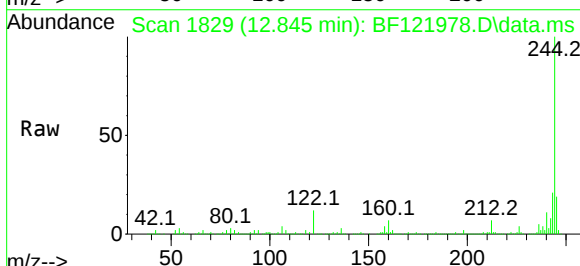
RT: 12.845 min Scan# 1829

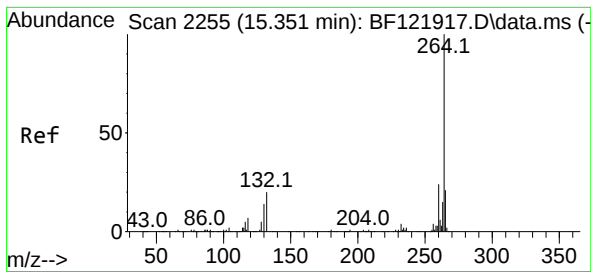
Delta R.T. -0.018 min

Lab File: BF121978.D

Acq: 15 Oct 2020 4:26

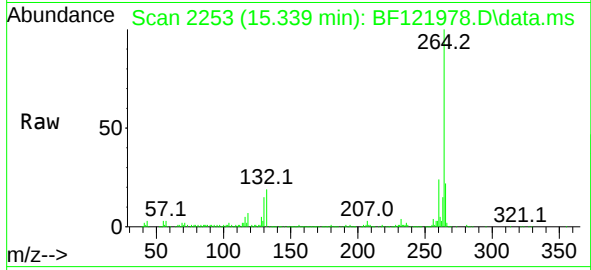
Tgt Ion:244	Resp:	689466
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.4 8.2
122	11.9	8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.339 min Scan# 2253
 Delta R.T. -0.012 min
 Lab File: BF121978.D
 Acq: 15 Oct 2020 4:26

Instrument :
 BNA_F
 ClientSampleId :
 BG-3



Tgt Ion:264	Resp: 231025
Ion Ratio	Lower Upper
264	100
260	24.1 18.7 28.1
265	21.7 17.3 25.9

