

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121935.D
 Acq On : 13 Oct 2020 13:18
 Operator : JU/CG
 Sample : PB132314BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132314BL

Quant Time: Oct 13 14:18:43 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)

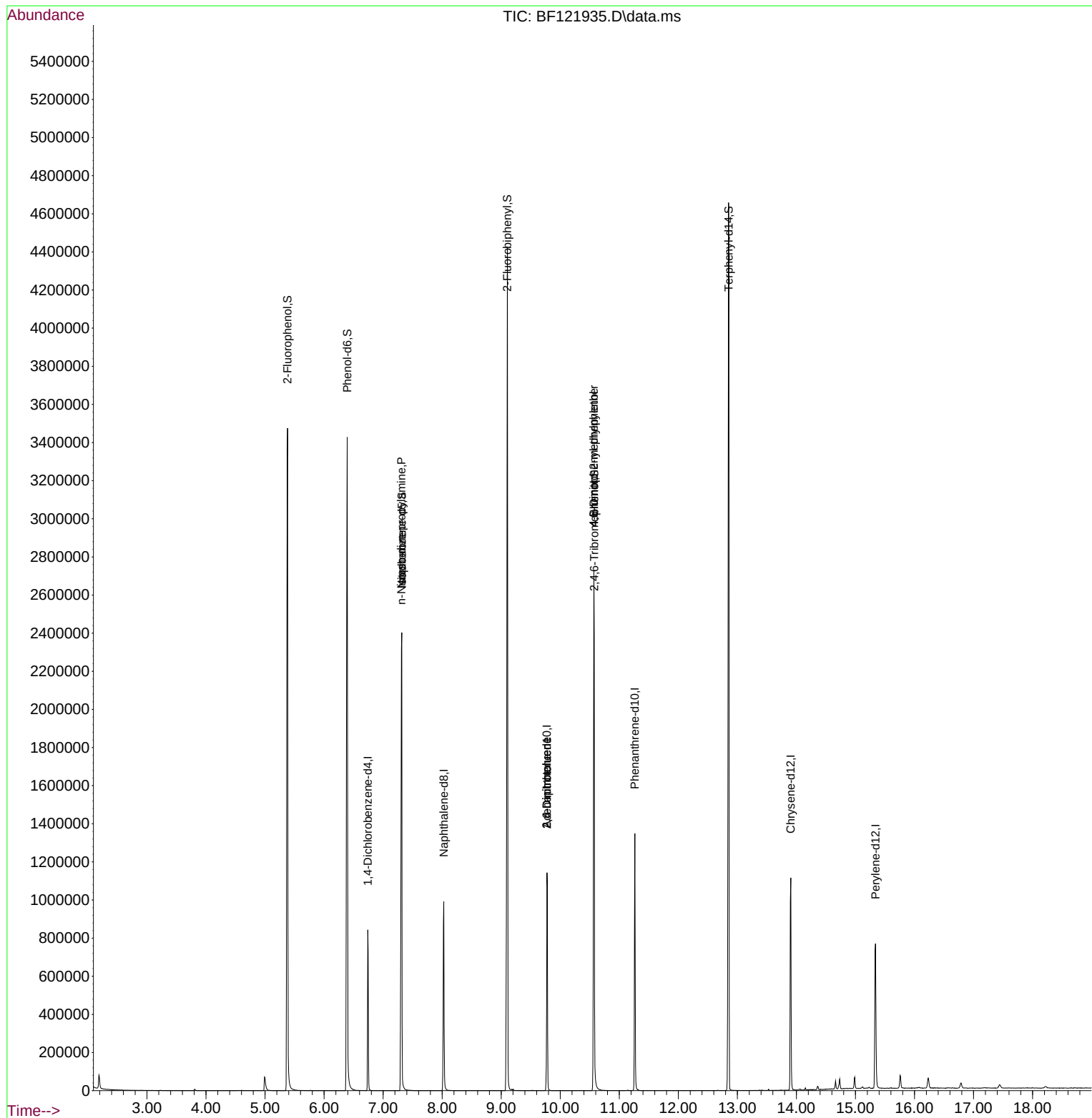
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	126050	20.00	ng	0.00
21) Naphthalene-d8	8.027	136	489899	20.00	ng	0.00
39) Acenaphthene-d10	9.774	164	254768	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	484094	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	409240	20.00	ng	-0.01
86) Perylene-d12	15.339	264	347011	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1085115	127.06	ng	0.02
7) Phenol-d6	6.392	99	1382991	125.79	ng	0.00
23) Nitrobenzene-d5	7.316	82	965661	101.09	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	430564	136.62	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1584924	91.53	ng	0.00
79) Terphenyl-d14	12.851	244	1775493	82.68	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.392	77	2052	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	129549	20.70	ng	# 78
25) Isophorone	7.316	82	961129	53.21	ng	# 67
51) 2,6-Dinitrotoluene	9.774	165	32527	7.96	ng	# 21
57) 2,4-Dinitrotoluene	9.774	165	32527	6.47	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	728	4.64	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	24682	4.41	ng	# 1

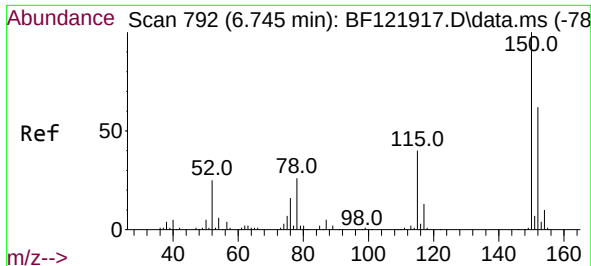
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
Data File : BF121935.D
Acq On : 13 Oct 2020 13:18
Operator : JU/CG
Sample : PB132314BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132314BL

Quant Time: Oct 13 13:54:13 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

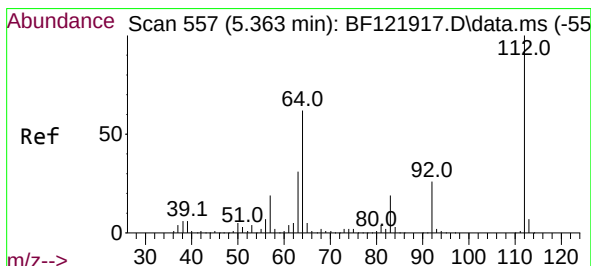
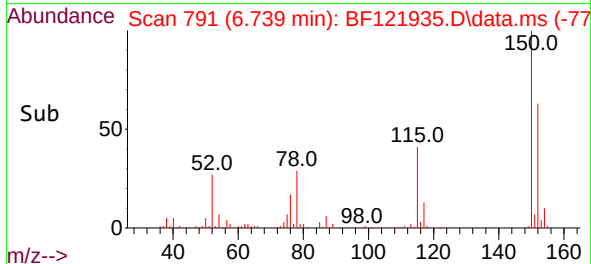
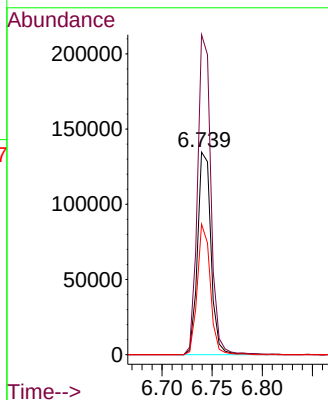
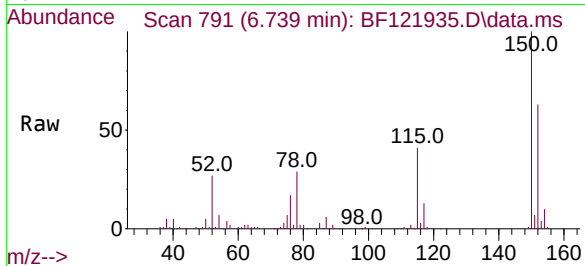




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

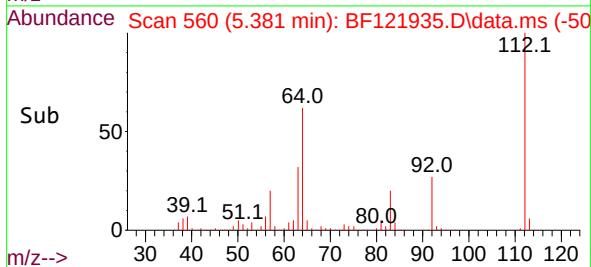
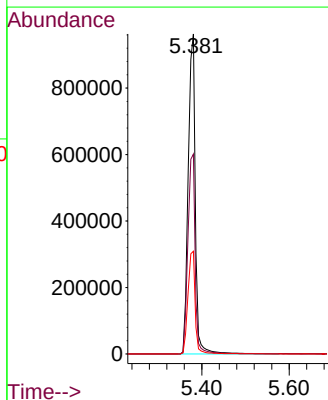
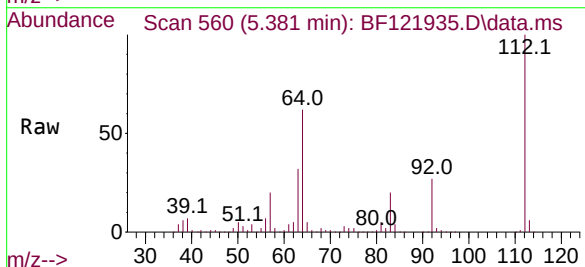
Instrument :
BNA_F
ClientSampleId :
PB132314BL

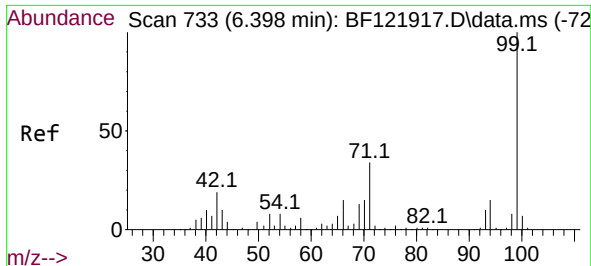
Tgt Ion:152 Resp: 126050
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 64.5 51.9 77.9



#5
2-Fluorophenol
Concen: 127.06 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

Tgt Ion:112 Resp: 1085115
Ion Ratio Lower Upper
112 100
64 62.4 50.4 75.6
63 32.1 25.8 38.6

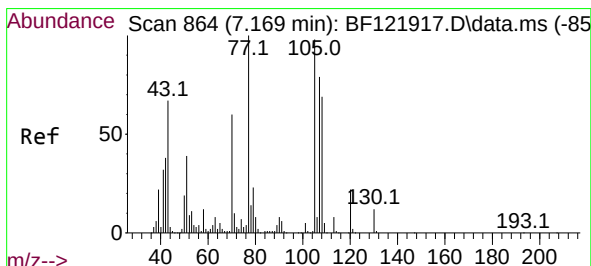
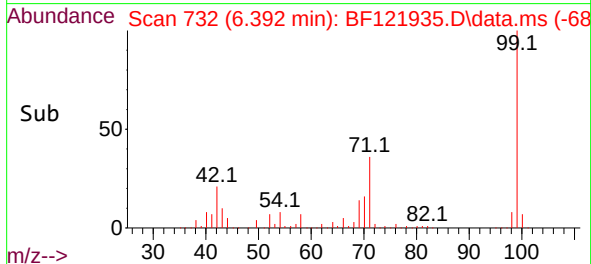
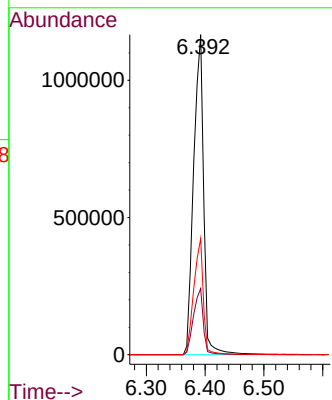
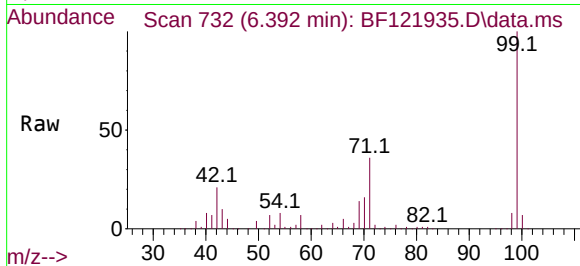




#7
Phenol-d6
Concen: 125.79 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

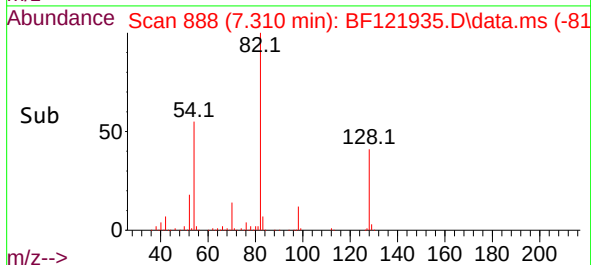
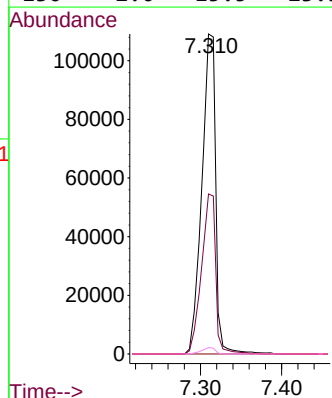
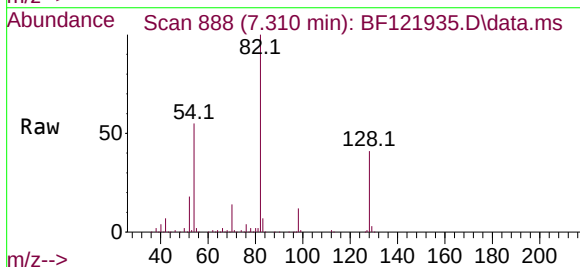
Instrument :
BNA_F
ClientSampleId :
PB132314BL

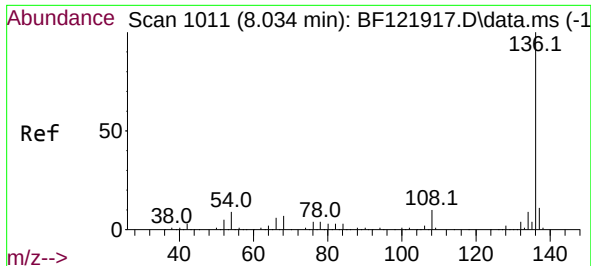
Tgt Ion: 99 Resp: 1382991
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 36.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.70 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

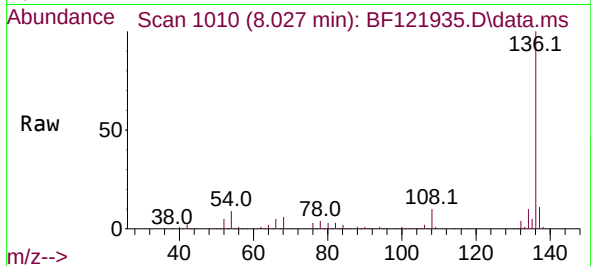
Tgt Ion: 70 Resp: 129549
Ion Ratio Lower Upper
70 100
42 50.0 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



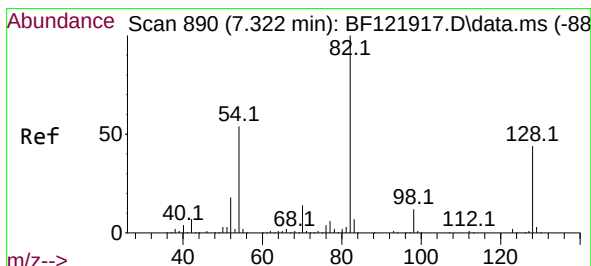
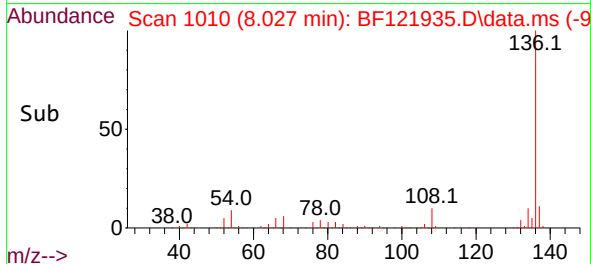
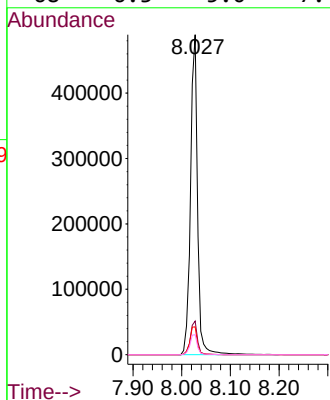


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.027 min Scan# 1010
Delta R.T. -0.007 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

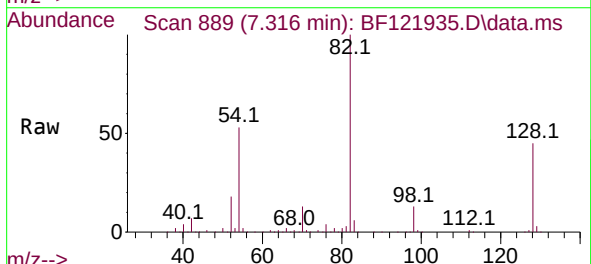
Instrument :
BNA_F
ClientSampleId :
PB132314BL



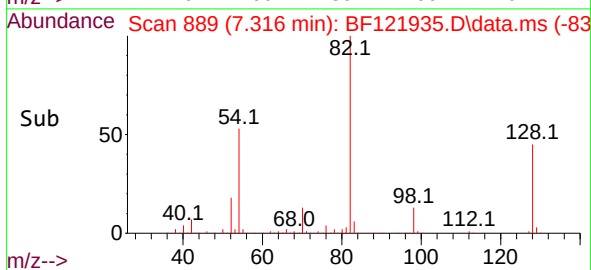
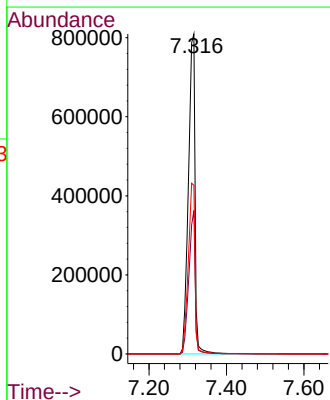
Tgt Ion:136 Resp: 489899
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.7 7.1 10.7
68 6.3 5.0 7.4

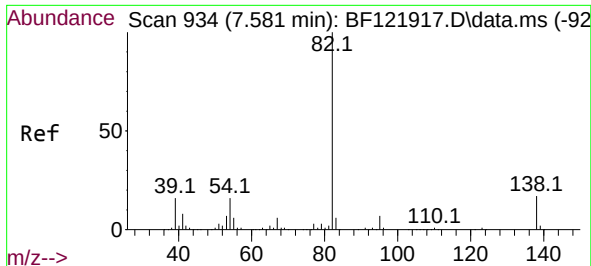


#23
Nitrobenzene-d5
Concen: 101.09 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18



Tgt Ion: 82 Resp: 965661
Ion Ratio Lower Upper
82 100
128 44.8 35.0 52.4
54 52.7 43.9 65.9

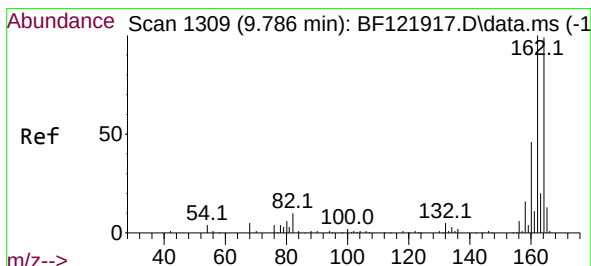
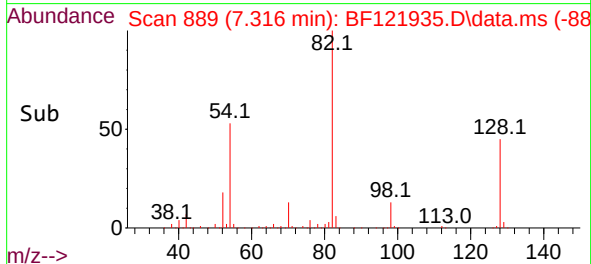
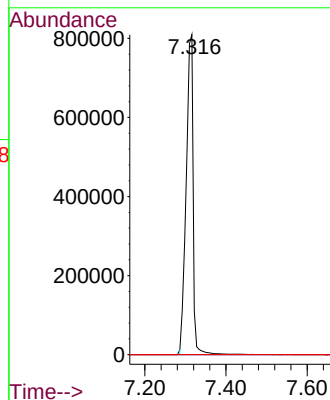
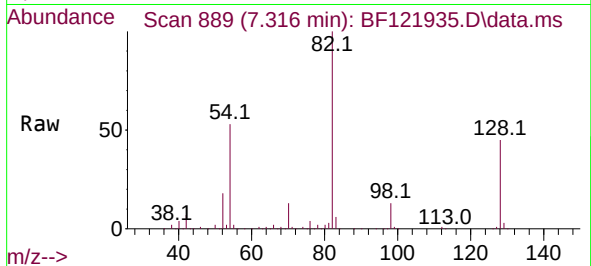




#25
Isophorone
Concen: 53.21 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.265 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

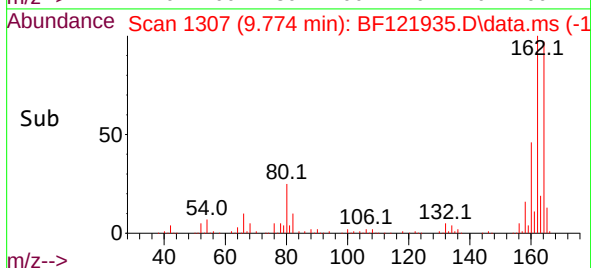
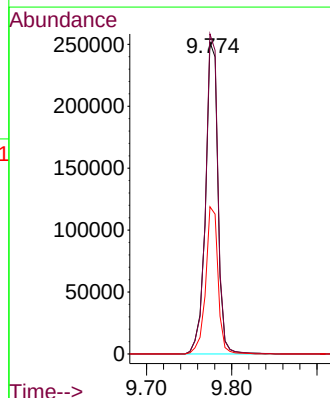
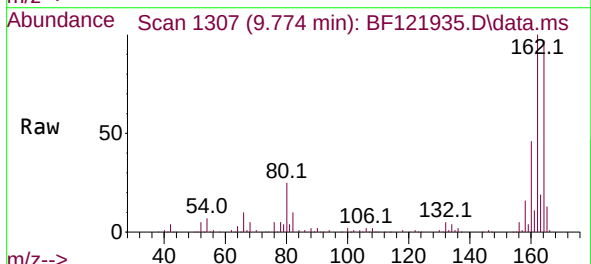
Instrument :
BNA_F
ClientSampleId :
PB132314BL

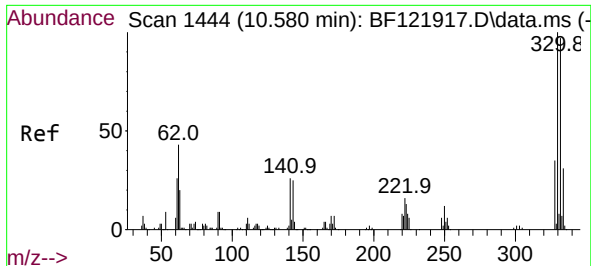
Tgt Ion: 82 Resp: 961129
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

Tgt Ion: 164 Resp: 254768
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 47.3 37.5 56.3

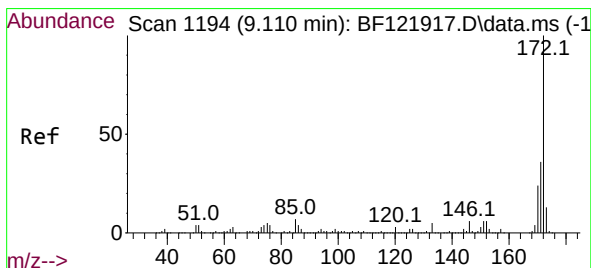
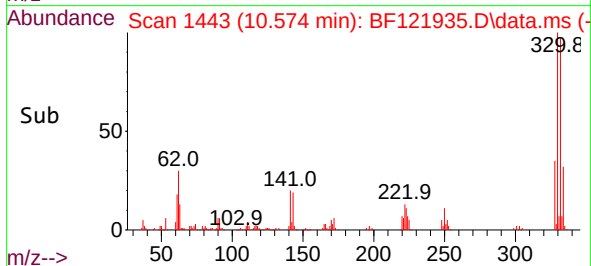
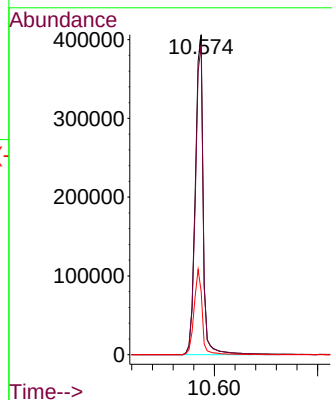
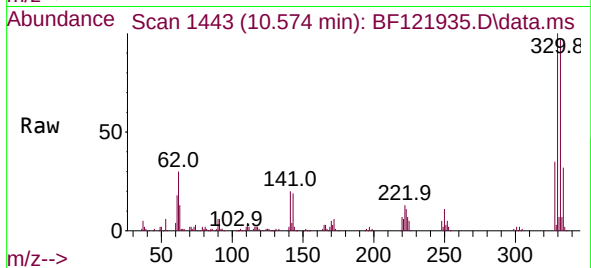




#42
2,4,6-Tribromophenol
Concen: 136.62 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

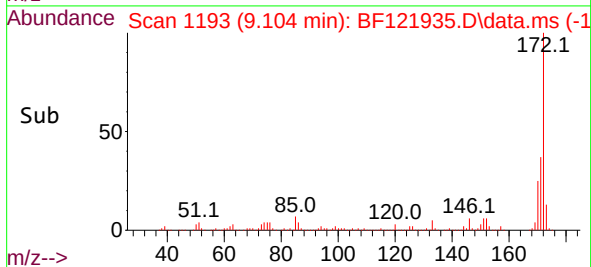
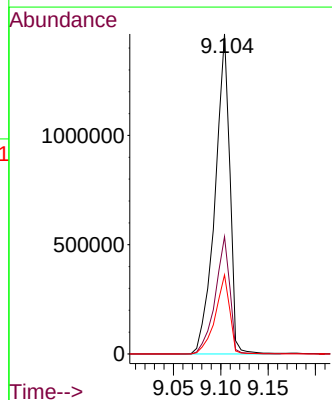
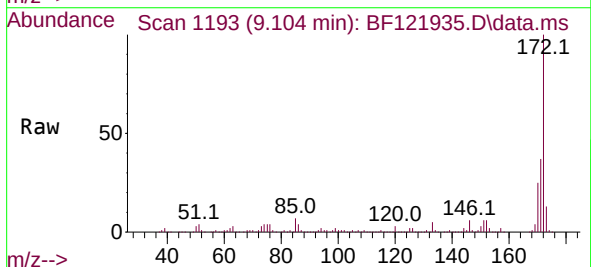
Instrument :
BNA_F
ClientSampleId :
PB132314BL

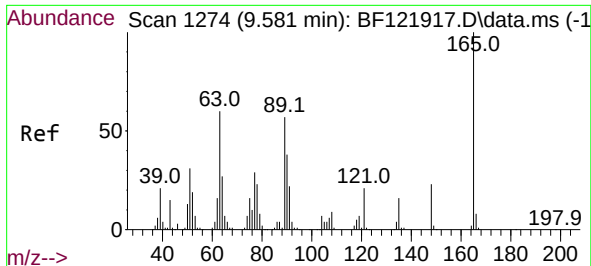
Tgt Ion:330 Resp: 430564
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 27.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 91.53 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

Tgt Ion:172 Resp: 1584924
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 24.7 19.8 29.6

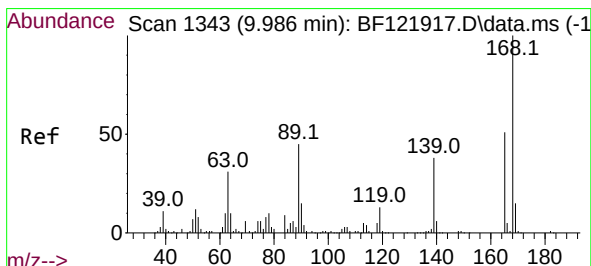
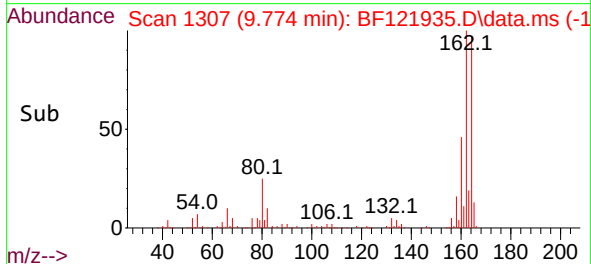
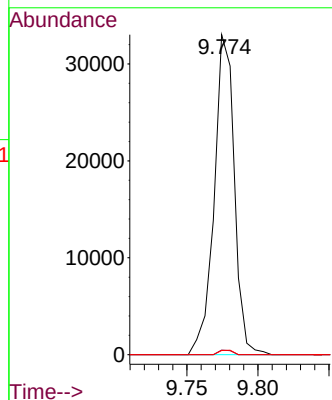
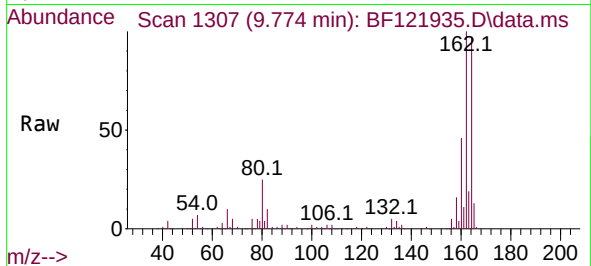




#51
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

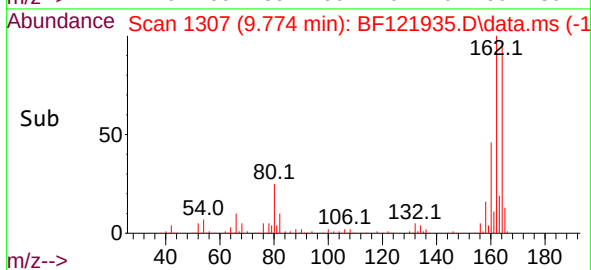
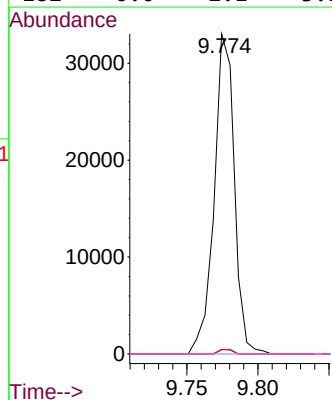
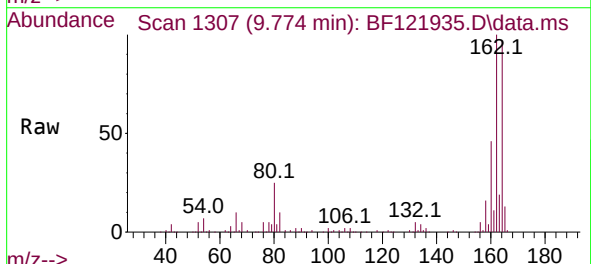
Instrument :
BNA_F
ClientSampleId :
PB132314BL

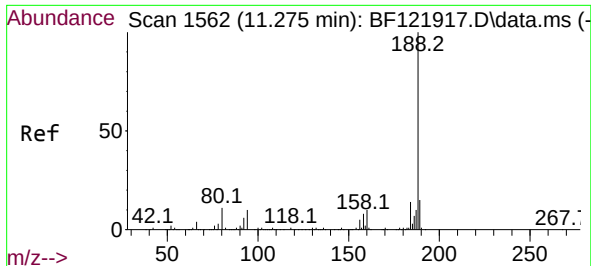
Tgt Ion:165 Resp: 32527
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.3 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

Tgt Ion:165 Resp: 32527
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

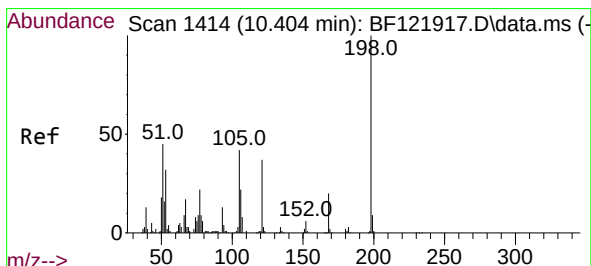
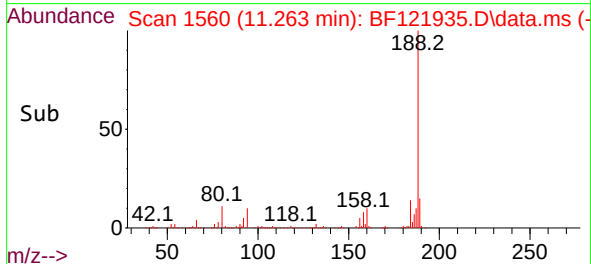
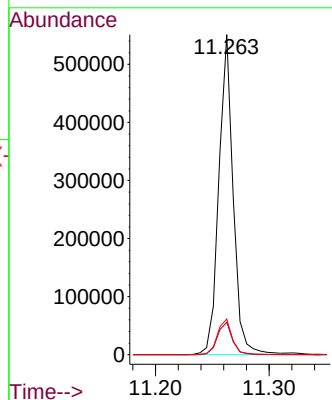
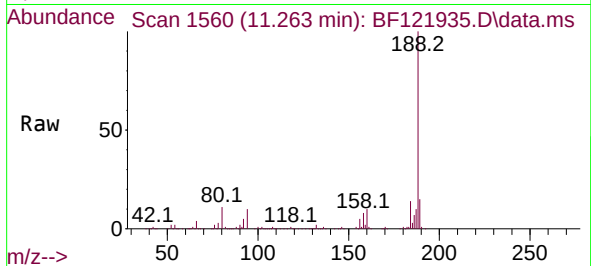




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

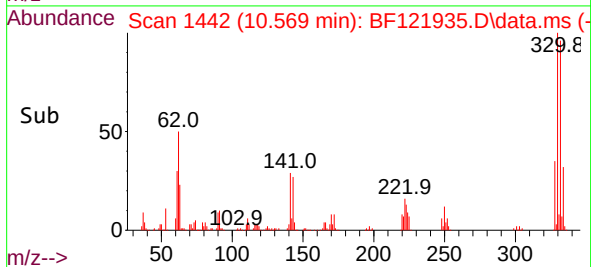
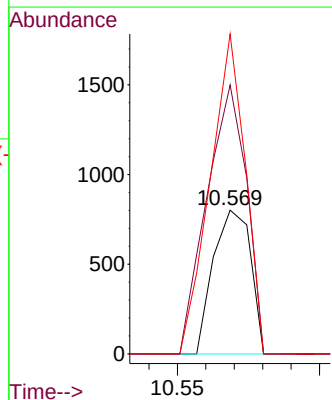
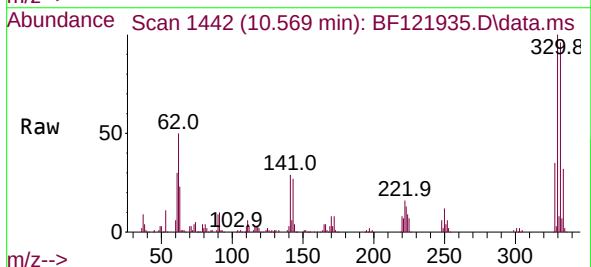
Instrument :
BNA_F
ClientSampleId :
PB132314BL

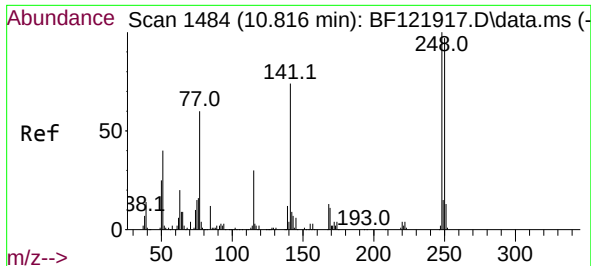
Tgt Ion:188 Resp: 484094
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 11.2 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.64 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

Tgt Ion:198 Resp: 728
Ion Ratio Lower Upper
198 100
51 186.9 29.6 69.6#
105 222.4 24.4 64.4#

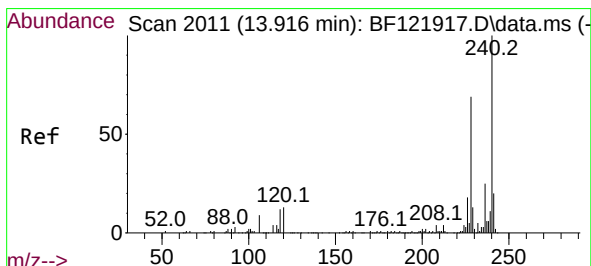
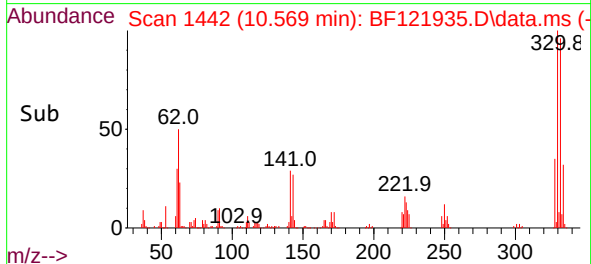
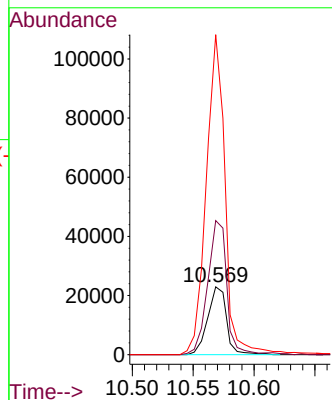
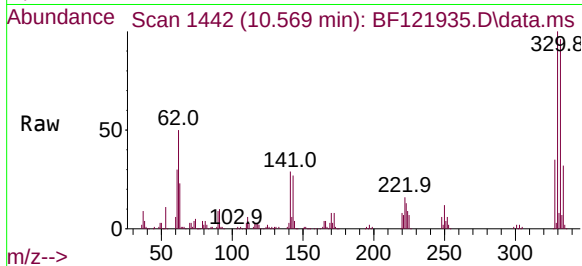




#67
4-Bromophenyl-phenylether
Concen: 4.41 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

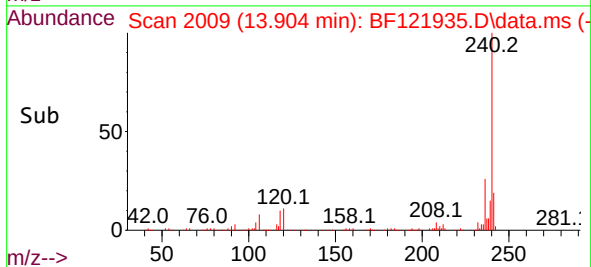
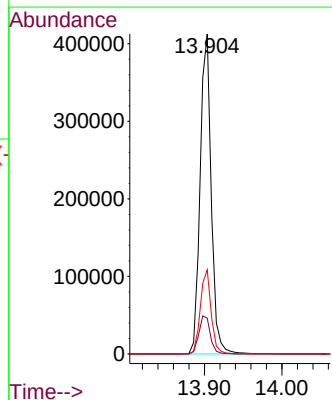
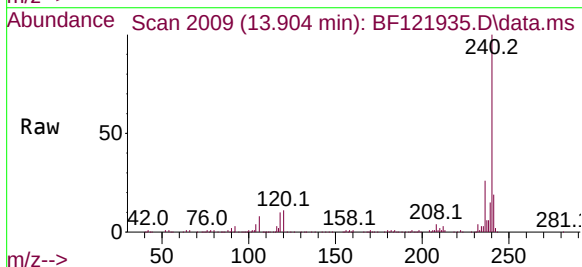
Instrument :
BNA_F
ClientSampleId :
PB132314BL

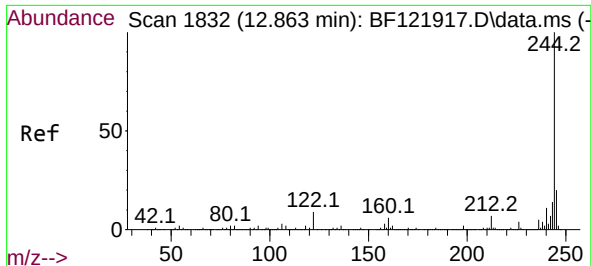
Tgt Ion:248 Resp: 24682
Ion Ratio Lower Upper
248 100
250 197.4 77.0 115.6#
141 471.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121935.D
Acq: 13 Oct 2020 13:18

Tgt Ion:240 Resp: 409240
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 26.3 20.9 31.3

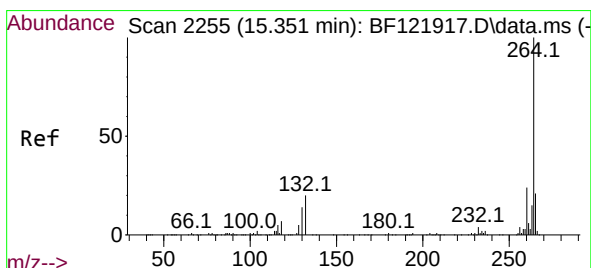
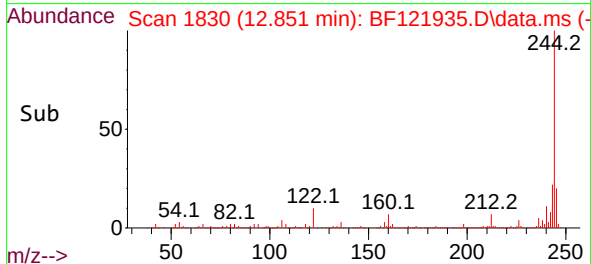
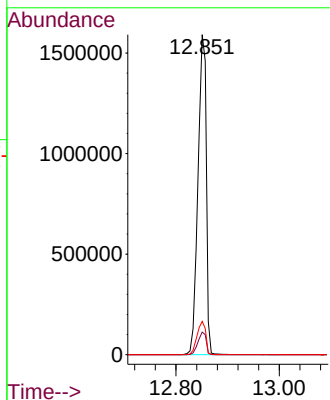
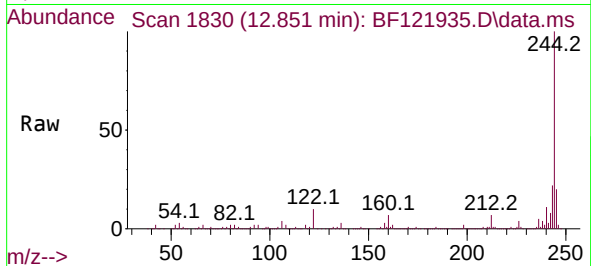




#79
 Terphenyl-d14
 Concen: 82.68 ng
 RT: 12.851 min Scan# 1830
 Delta R.T. -0.012 min
 Lab File: BF121935.D
 Acq: 13 Oct 2020 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB132314BL

Tgt Ion:244 Resp: 1775493
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.4 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: BF121935.D
 Acq: 13 Oct 2020 13:18

Tgt Ion:264 Resp: 347011
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.2 17.3 25.9

