

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121952.D
 Acq On : 14 Oct 2020 11:13
 Operator : JU/CG
 Sample : PB132314BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132314BL

Quant Time: Oct 14 11:41:47 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)

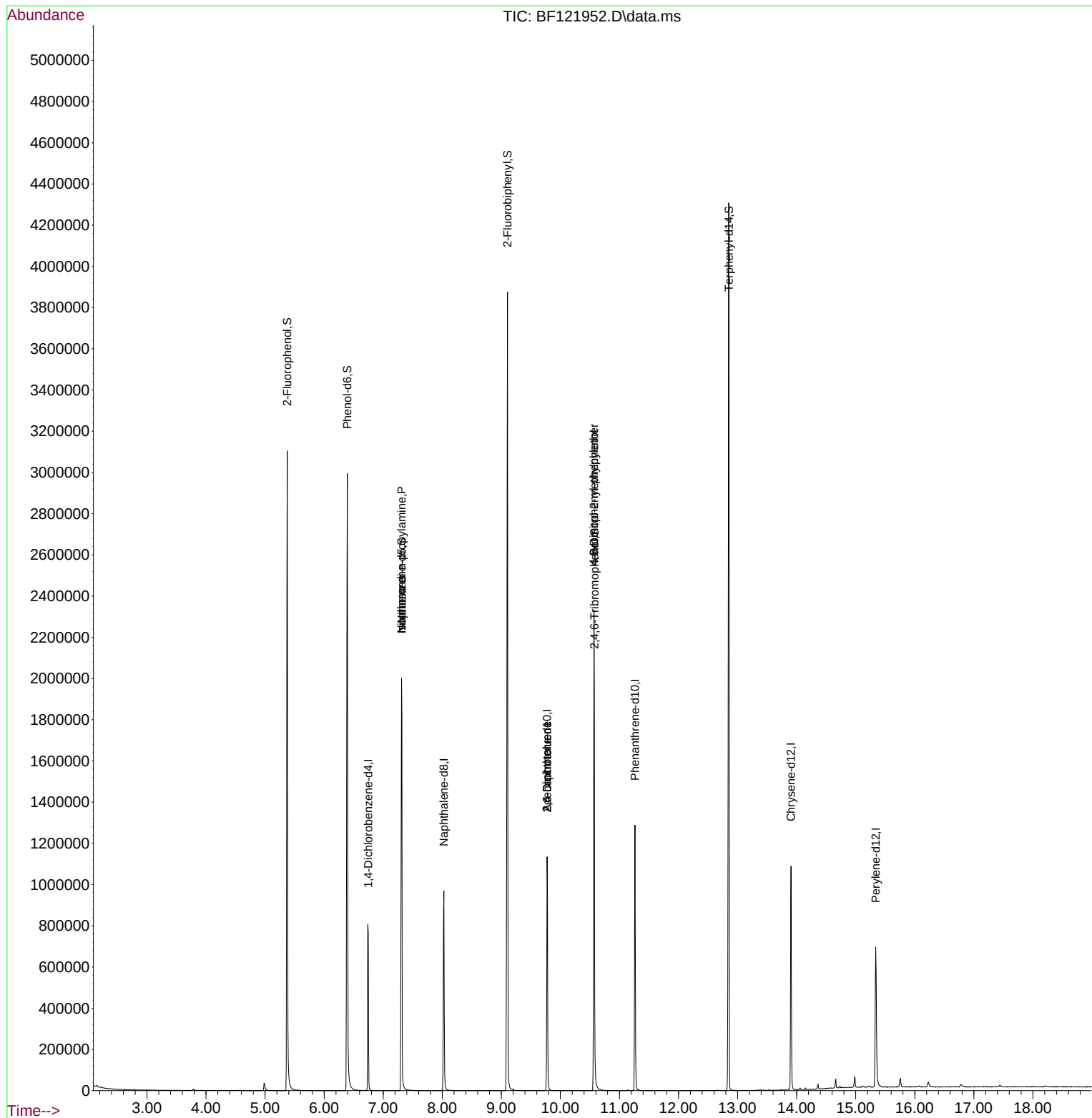
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	124437	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	495795	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	257636	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	492917	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	395762	20.00	ng	-0.01
86) Perylene-d12	15.339	264	325164	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	898396	106.56	ng	0.01
7) Phenol-d6	6.393	99	1143579	105.37	ng	0.00
23) Nitrobenzene-d5	7.310	82	800399	82.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	348097	109.22	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1366676	78.05	ng	0.00
79) Terphenyl-d14	12.851	244	1488710	71.69	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.393	77	1550	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	107122	17.34	ng	# 79
25) Isophorone	7.310	82	787671	43.09	ng	# 67
51) 2,6-Dinitrotoluene	9.775	165	31936	7.73	ng	# 20
57) 2,4-Dinitrotoluene	9.775	165	31936	6.28	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	608	4.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	20007	3.51	ng	# 1

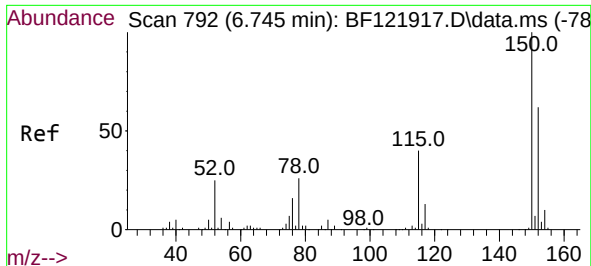
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121952.D
Acq On : 14 Oct 2020 11:13
Operator : JU/CG
Sample : PB132314BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132314BL

Quant Time: Oct 14 11:41:47 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

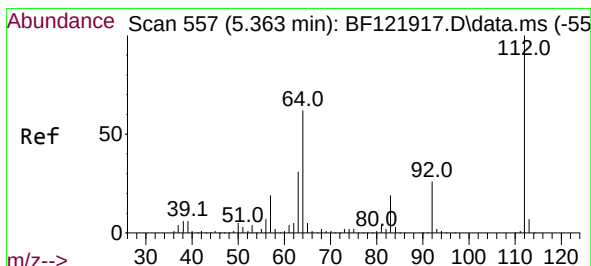
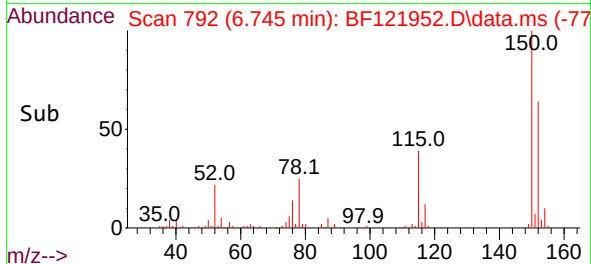
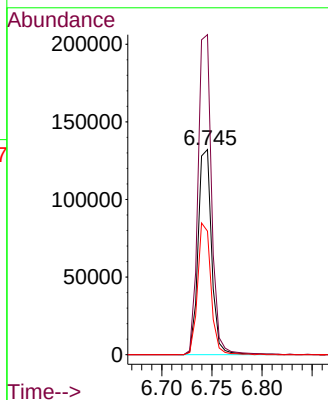
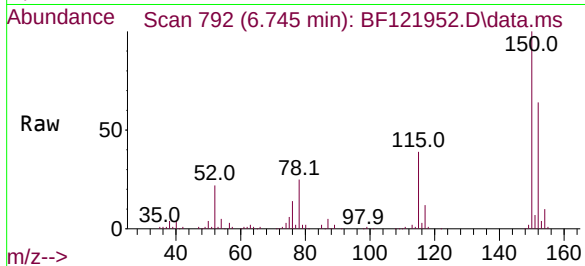




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

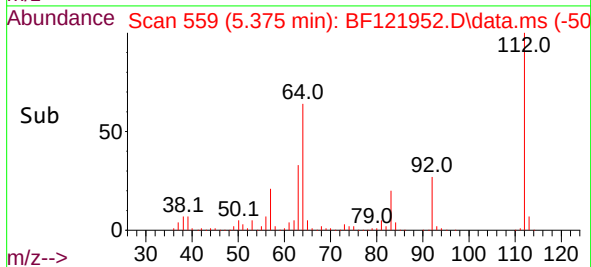
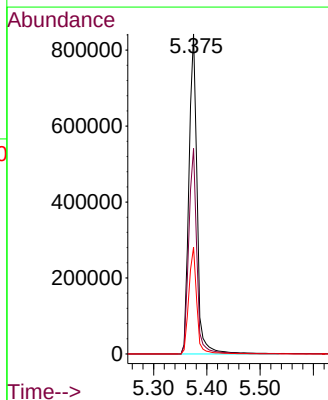
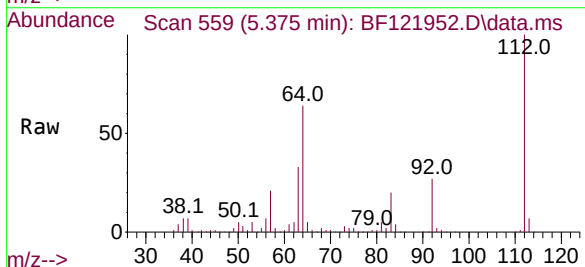
Instrument :
BNA_F
ClientSampleId :
PB132314BL

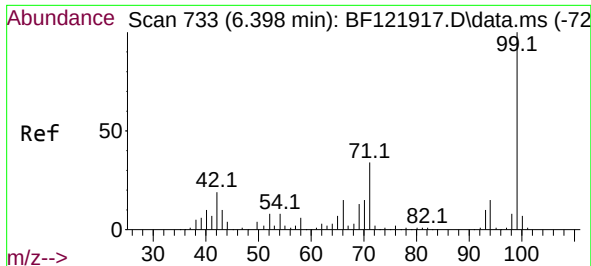
Tgt Ion:152 Resp: 124437
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 60.2 51.9 77.9



#5
2-Fluorophenol
Concen: 106.56 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

Tgt Ion:112 Resp: 898396
Ion Ratio Lower Upper
112 100
64 64.2 50.4 75.6
63 33.3 25.8 38.6

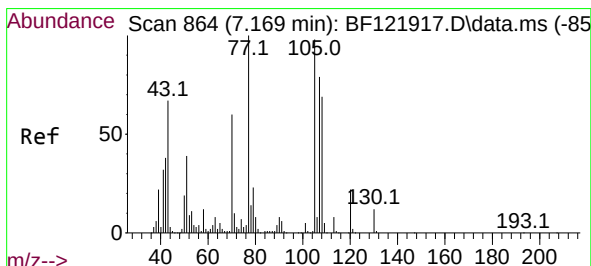
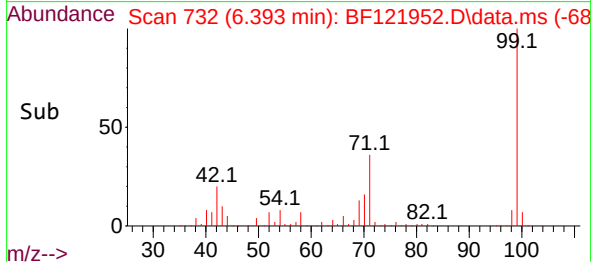
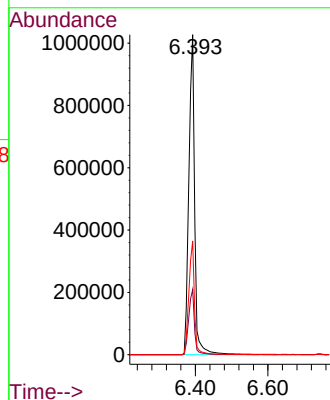
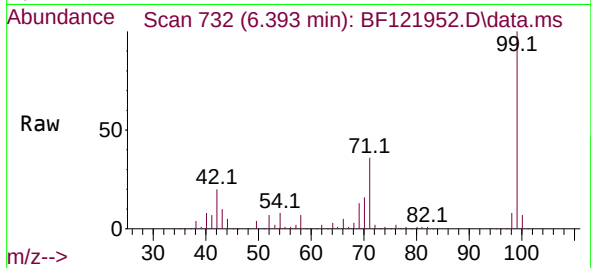




#7
Phenol-d6
Concen: 105.37 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

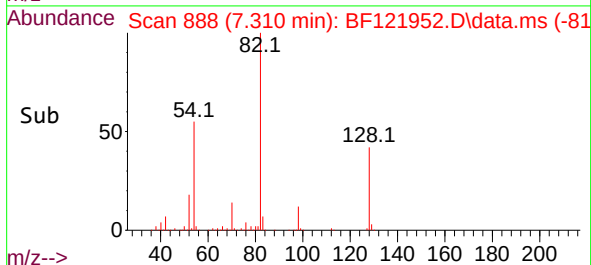
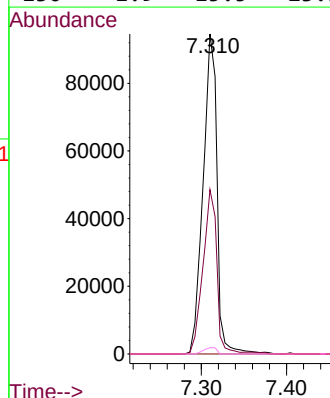
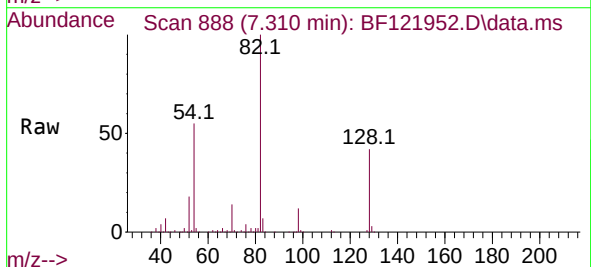
Instrument :
BNA_F
ClientSampleId :
PB132314BL

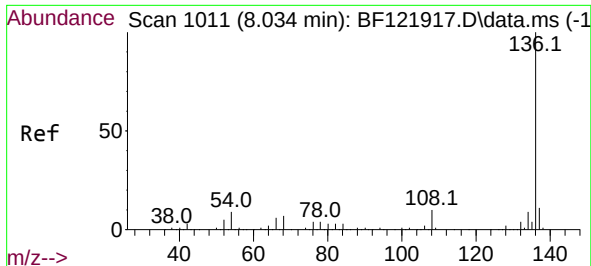
Tgt Ion: 99 Resp: 1143579
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 35.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.34 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

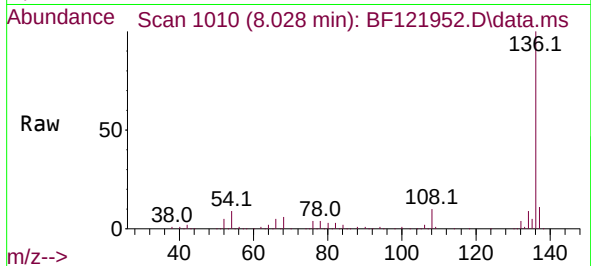
Tgt Ion: 70 Resp: 107122
Ion Ratio Lower Upper
70 100
42 51.3 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#





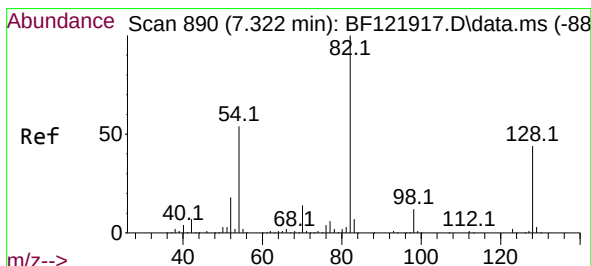
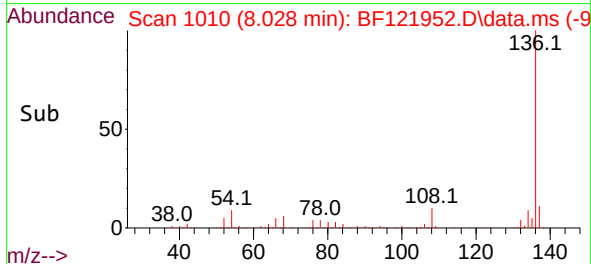
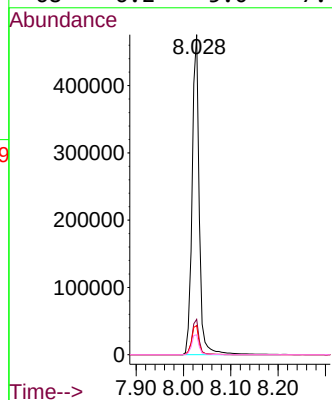
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

Instrument :
BNA_F
ClientSampleId :
PB132314BL



Tgt Ion:136 Resp: 495795

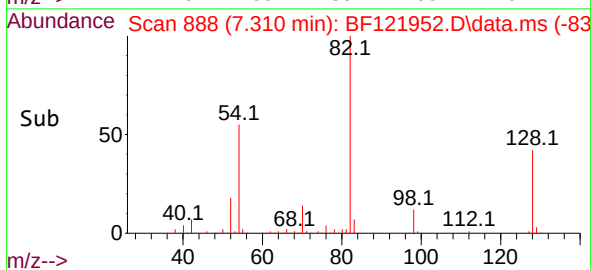
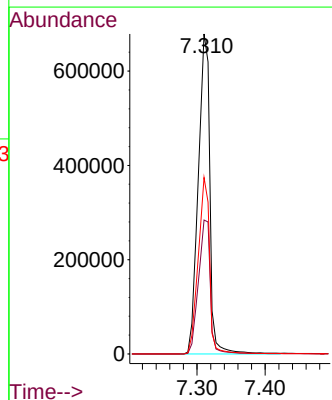
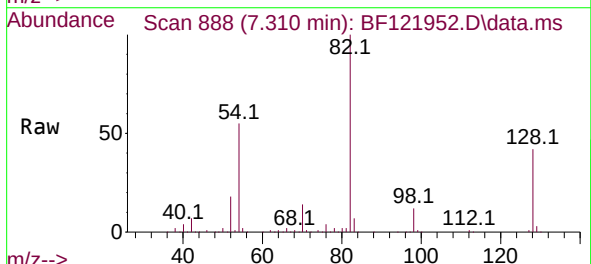
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.1	7.1	10.7
68	6.2	5.0	7.4

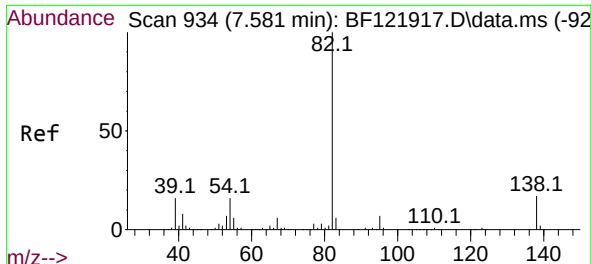


#23
Nitrobenzene-d5
Concen: 82.79 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

Tgt Ion: 82 Resp: 800399

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.0	52.4
54	55.2	43.9	65.9

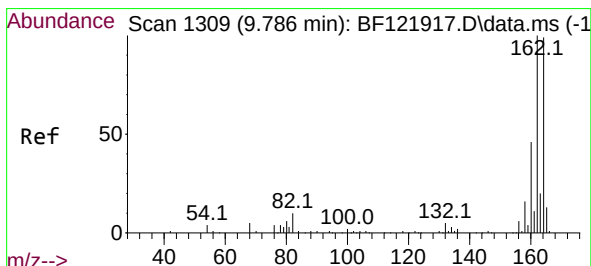
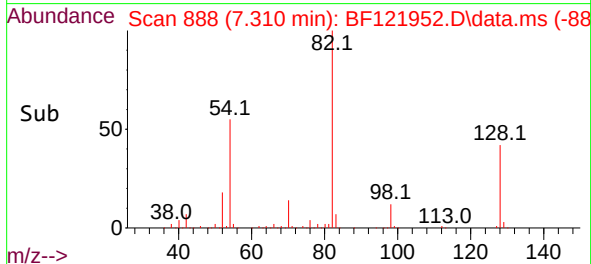
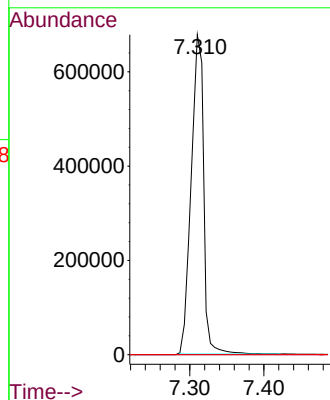
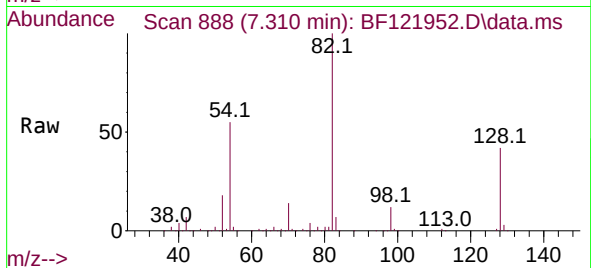




#25
Isophorone
Concen: 43.09 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.270 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

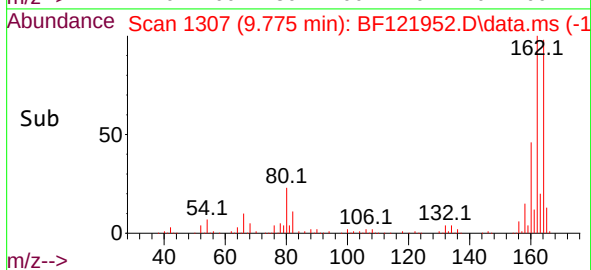
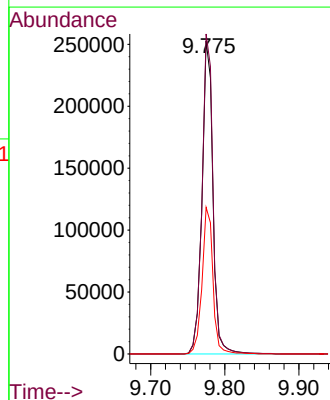
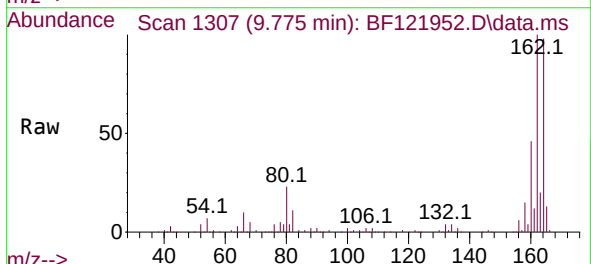
Instrument :
BNA_F
ClientSampleId :
PB132314BL

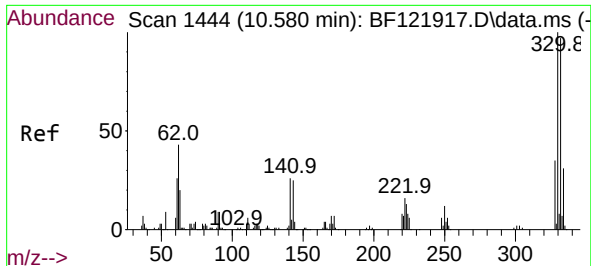
Tgt Ion: 82 Resp: 787671
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

Tgt Ion:164 Resp: 257636
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 46.8 37.5 56.3

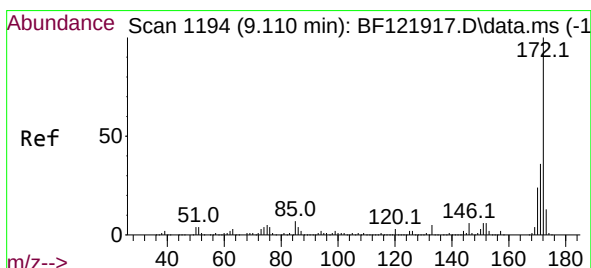
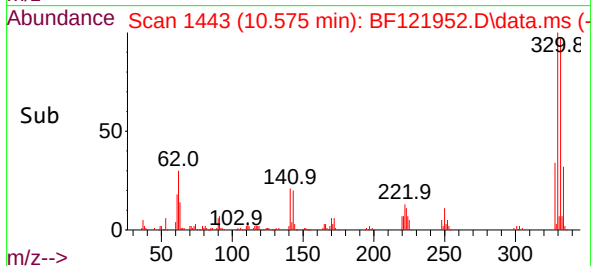
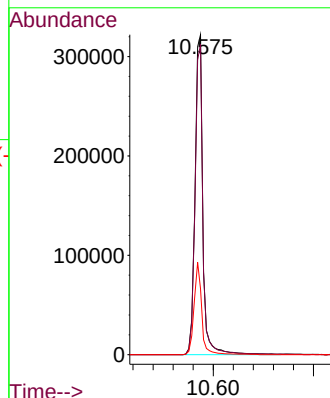
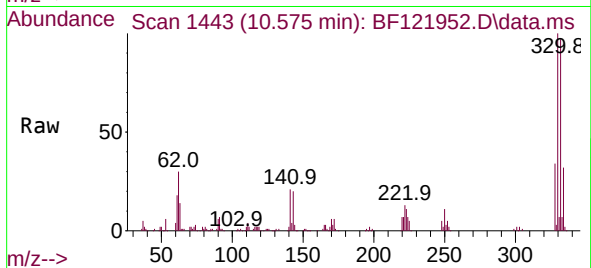




#42
2,4,6-Tribromophenol
Concen: 109.22 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

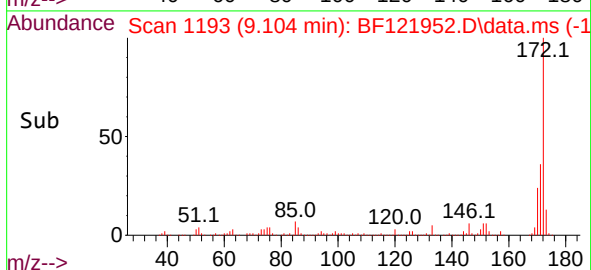
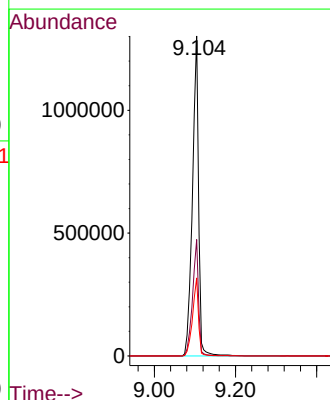
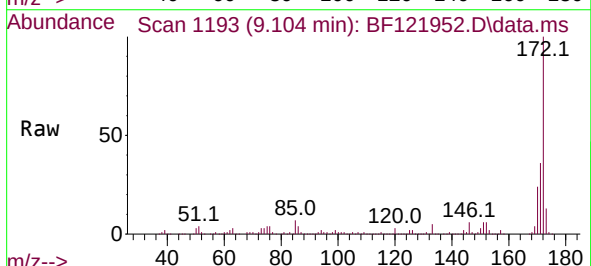
Instrument :
BNA_F
ClientSampleId :
PB132314BL

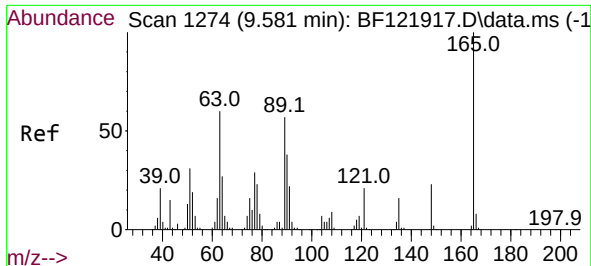
Tgt Ion:330 Resp: 348097
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 28.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 78.05 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

Tgt Ion:172 Resp: 1366676
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.4 19.8 29.6

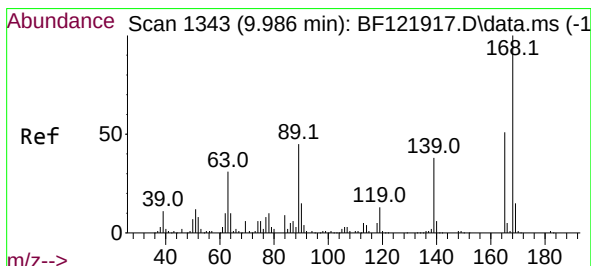
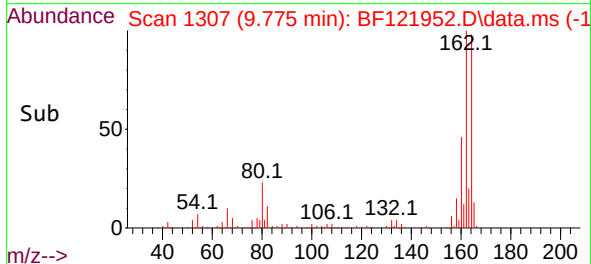
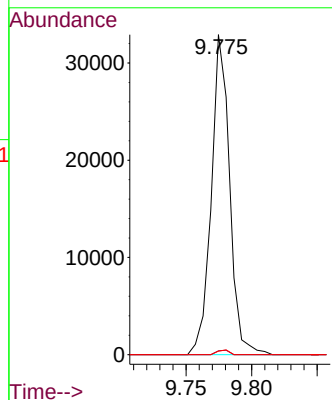
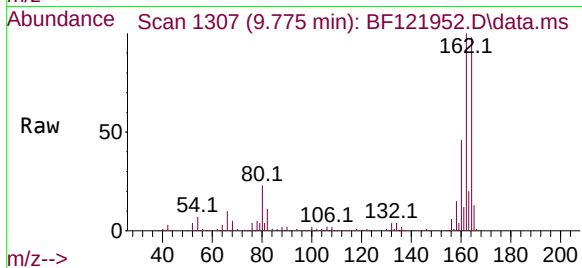




#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

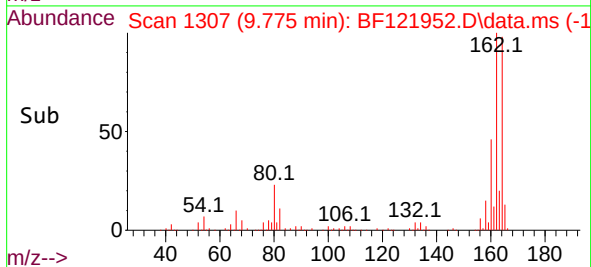
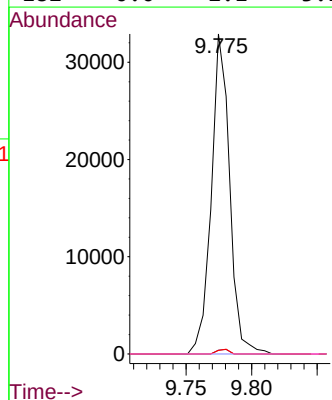
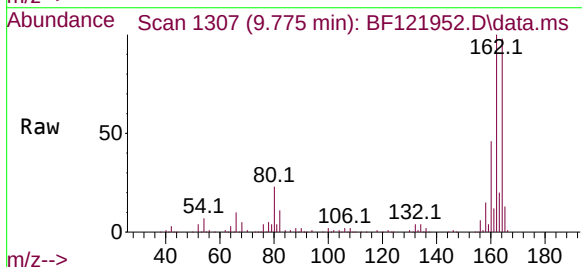
Instrument :
BNA_F
ClientSampleId :
PB132314BL

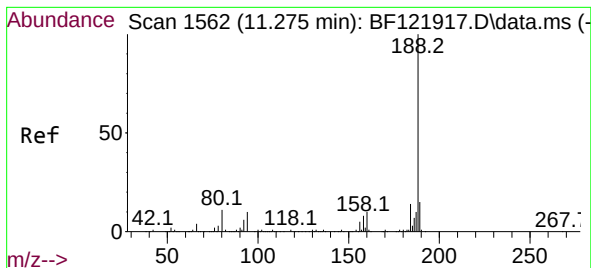
Tgt Ion:165 Resp: 31936
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.1 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

Tgt Ion:165 Resp: 31936
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.1 61.8 92.8#
182 0.0 2.1 3.1#

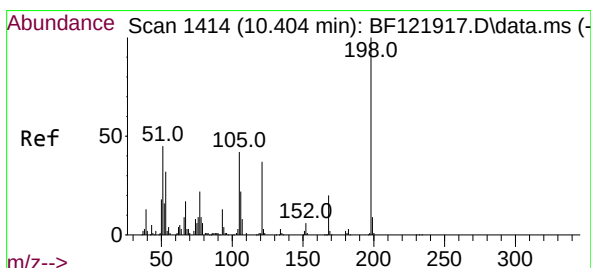
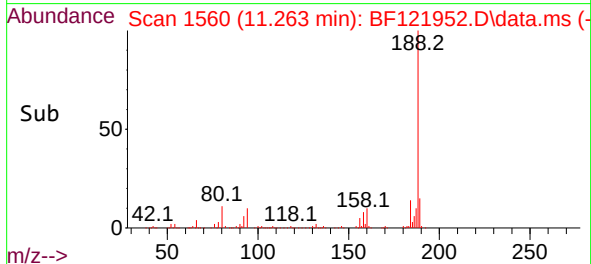
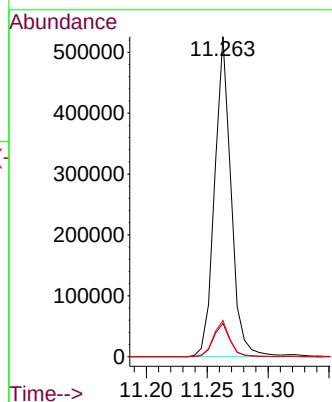
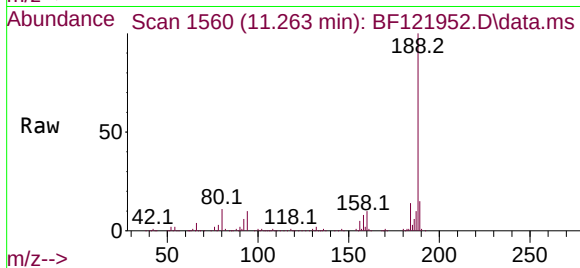




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

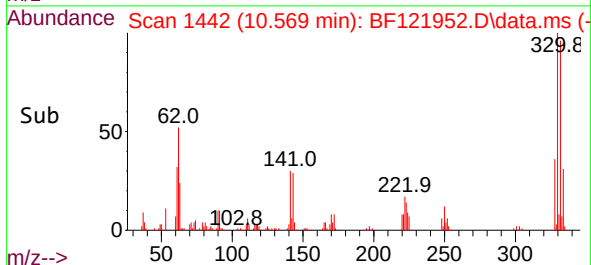
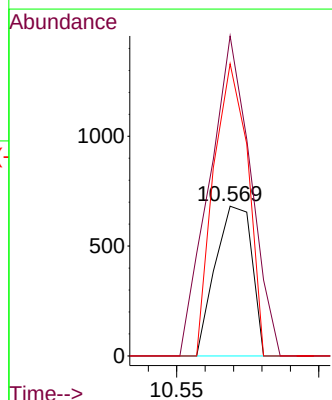
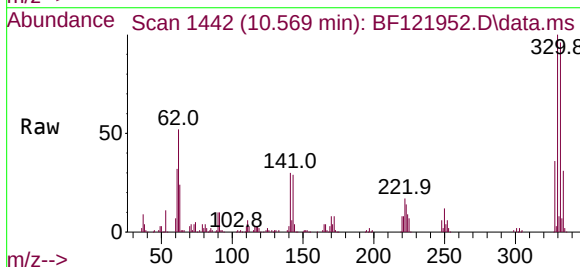
Instrument :
BNA_F
ClientSampleId :
PB132314BL

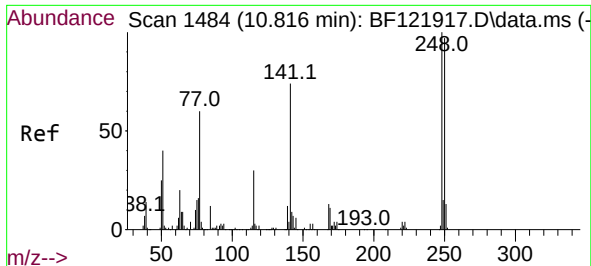
Tgt Ion:188 Resp: 492917
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.60 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

Tgt Ion:198 Resp: 608
Ion Ratio Lower Upper
198 100
51 213.6 29.6 69.6#
105 195.0 24.4 64.4#

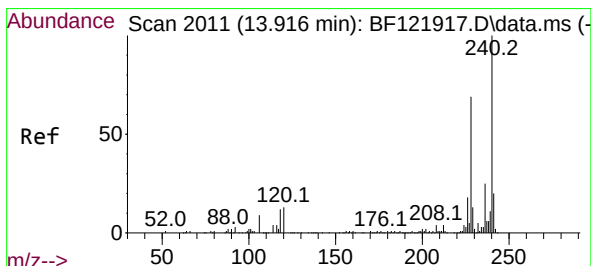
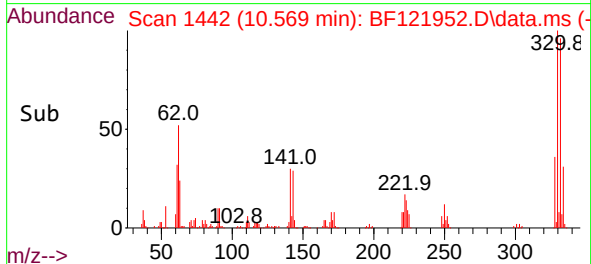
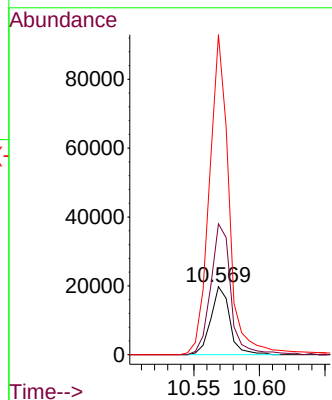
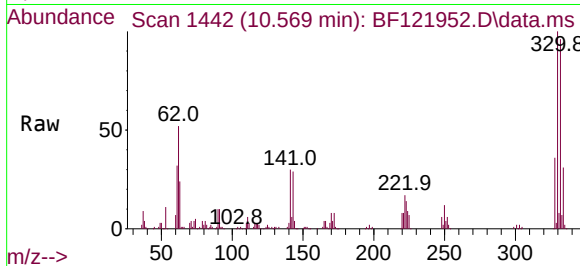




#67
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

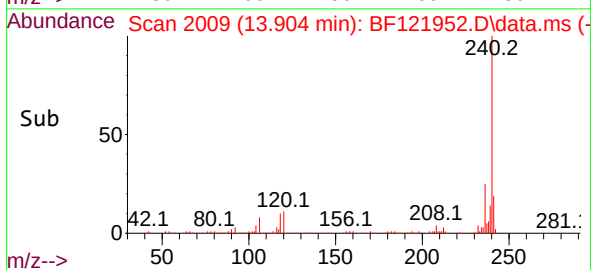
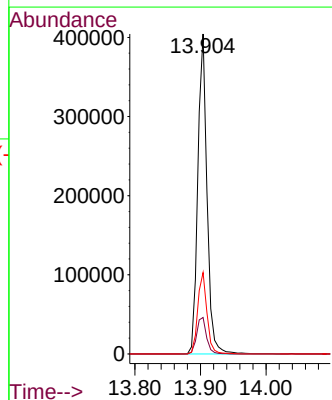
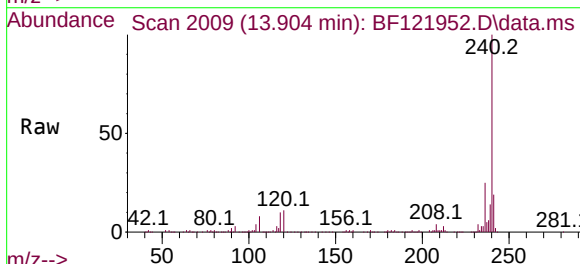
Instrument :
BNA_F
ClientSampleId :
PB132314BL

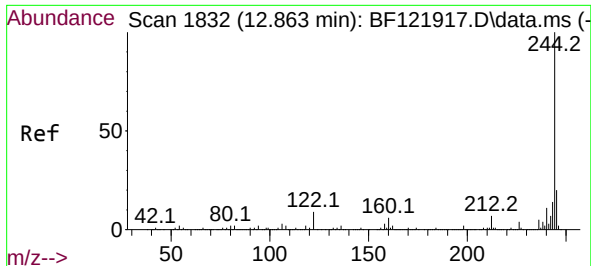
Tgt Ion:248 Resp: 20007
Ion Ratio Lower Upper
248 100
250 192.4 77.0 115.6#
141 470.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

Tgt Ion:240 Resp: 395762
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.5 20.9 31.3

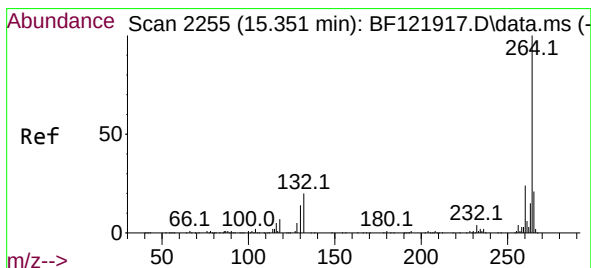
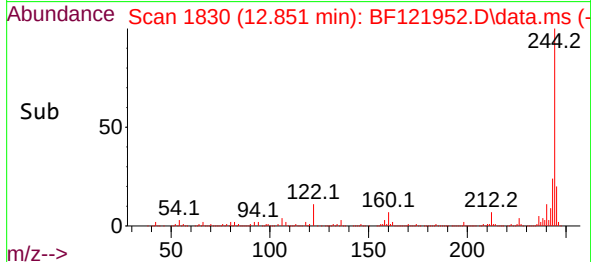
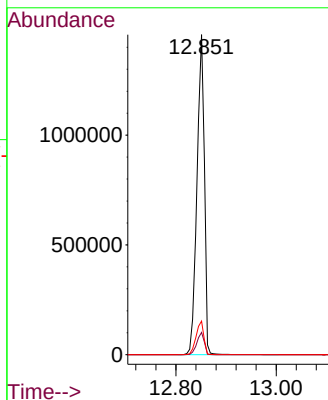
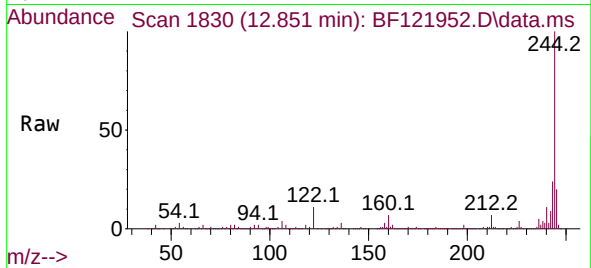




#79
Terphenyl-d14
Concen: 71.69 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF121952.D
Acq: 14 Oct 2020 11:13

Instrument :
BNA_F
ClientSampleId :
PB132314BL

Tgt Ion:244 Resp: 1488710
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.5 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: BF121952.D
Acq: 14 Oct 2020 11:13

Tgt Ion:264 Resp: 325164
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.6 17.3 25.9

