

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121954.D
 Acq On : 14 Oct 2020 12:44
 Operator : JU/CG
 Sample : PB132353BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132353BL

Quant Time: Oct 14 13:47:50 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)

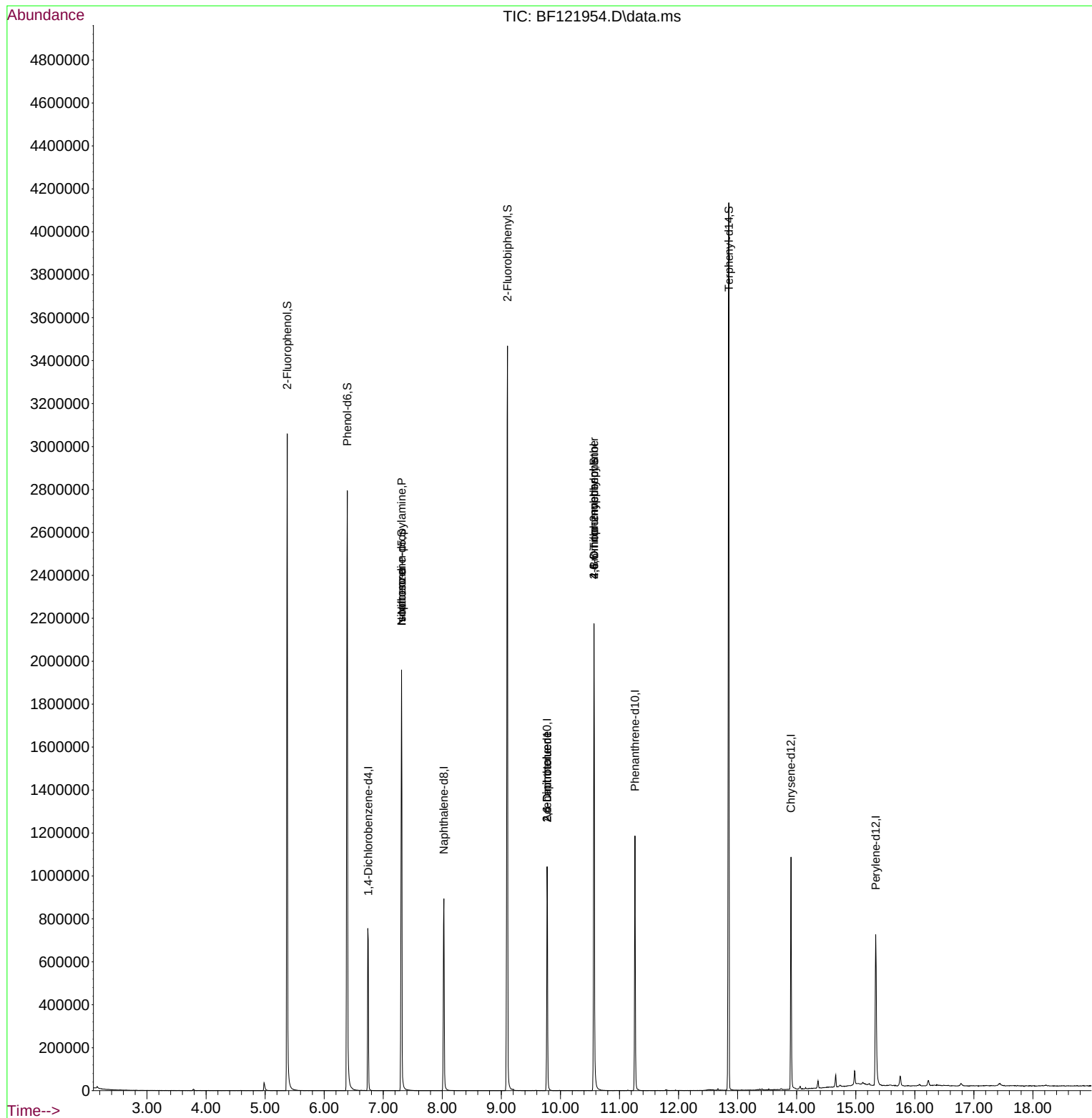
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	116607	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	456247	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	236323	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	446827	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	381653	20.00	ng	-0.01
86) Perylene-d12	15.339	264	322677	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	844641	106.91	ng	0.01
7) Phenol-d6	6.392	99	1079486	106.14	ng	0.00
23) Nitrobenzene-d5	7.310	82	747633	84.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	320389	109.60	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1271087	79.14	ng	0.00
79) Terphenyl-d14	12.851	244	1377167	68.77	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.392	77	1515	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	99873	17.25	ng	# 80
25) Isophorone	7.310	82	739307	43.95	ng	# 67
51) 2,6-Dinitrotoluene	9.775	165	30556	8.06	ng	# 21
57) 2,4-Dinitrotoluene	9.775	165	30556	6.55	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	543	4.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	18433	3.57	ng	# 1

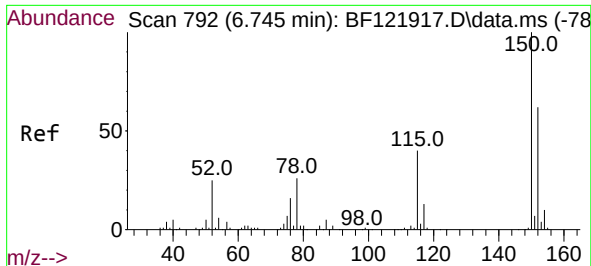
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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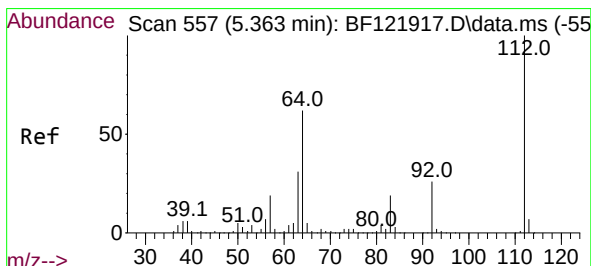
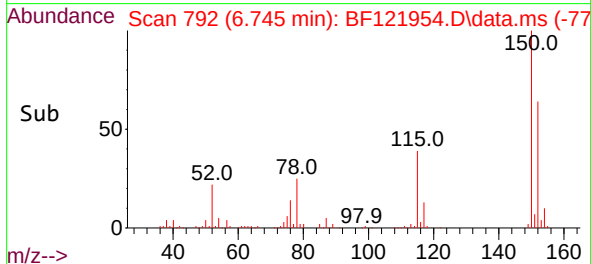
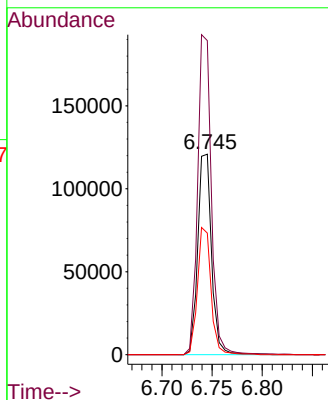
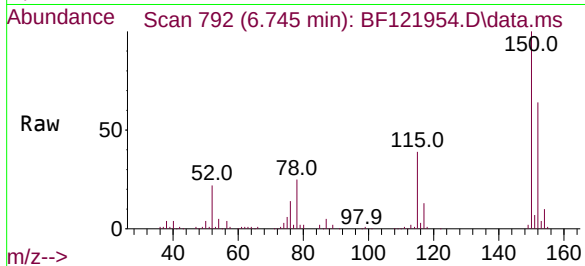




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

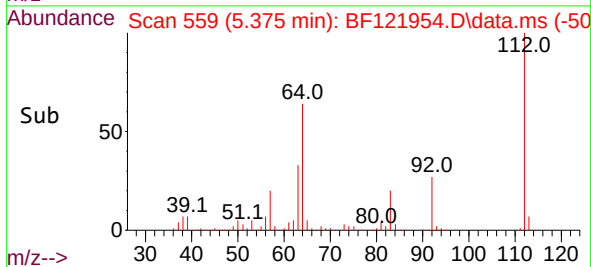
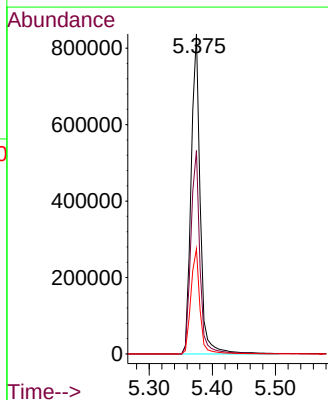
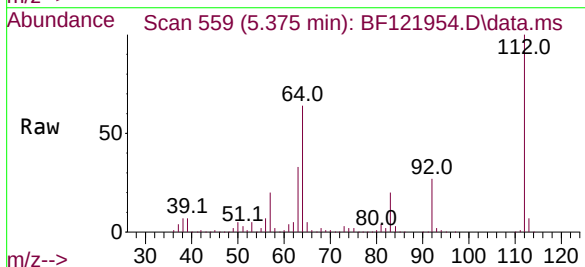
Instrument :
BNA_F
ClientSampleId :
PB132353BL

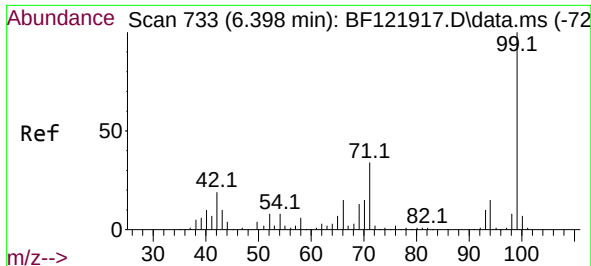
Tgt Ion:152 Resp: 116607
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 60.6 51.9 77.9



#5
2-Fluorophenol
Concen: 106.91 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

Tgt Ion:112 Resp: 844641
Ion Ratio Lower Upper
112 100
64 63.6 50.4 75.6
63 32.8 25.8 38.6

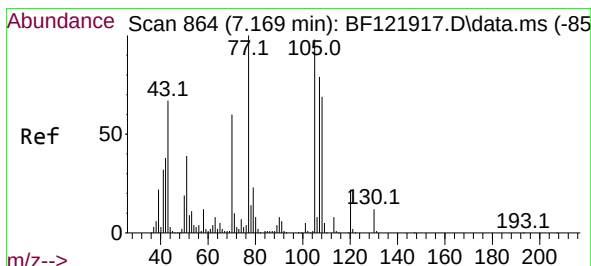
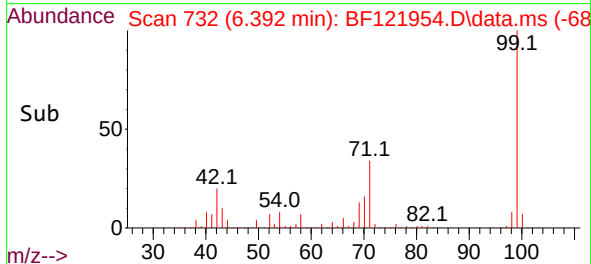
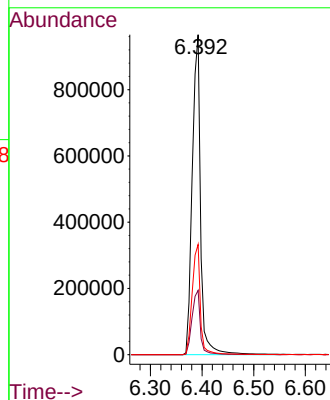
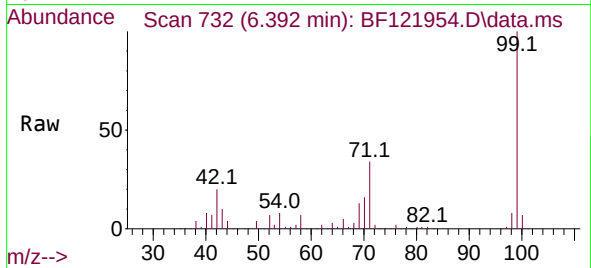




#7
Phenol-d6
Concen: 106.14 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

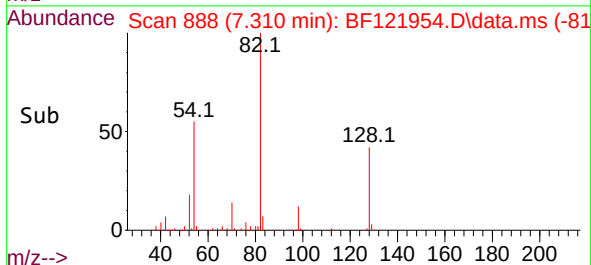
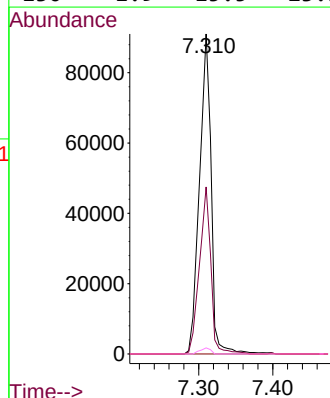
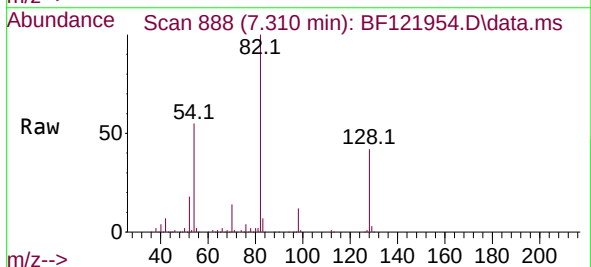
Instrument :
BNA_F
ClientSampleId :
PB132353BL

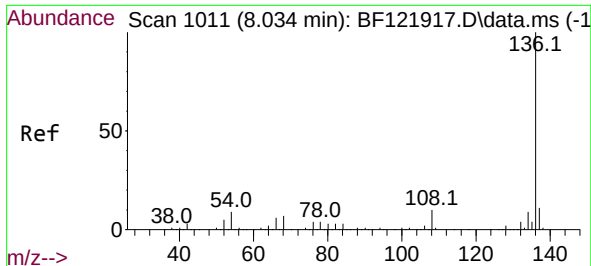
Tgt Ion: 99 Resp: 1079486
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 34.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.25 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

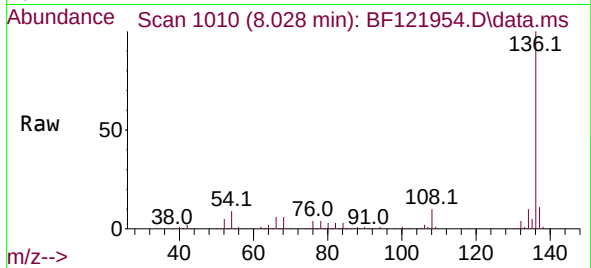
Tgt Ion: 70 Resp: 99873
Ion Ratio Lower Upper
70 100
42 52.2 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#





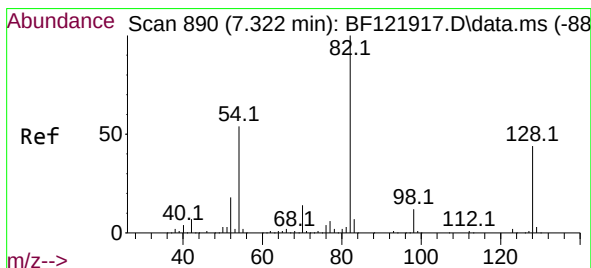
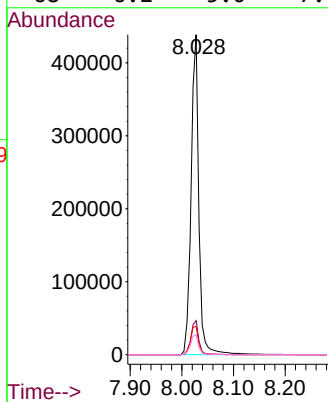
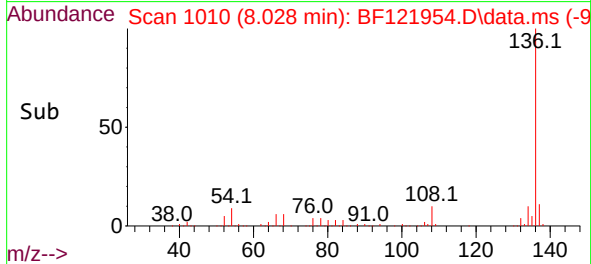
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

Instrument :
BNA_F
ClientSampleId :
PB132353BL

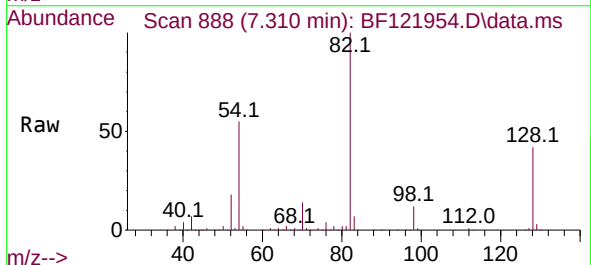


Tgt Ion:136 Resp: 456247

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.8	7.1	10.7
68	6.2	5.0	7.4

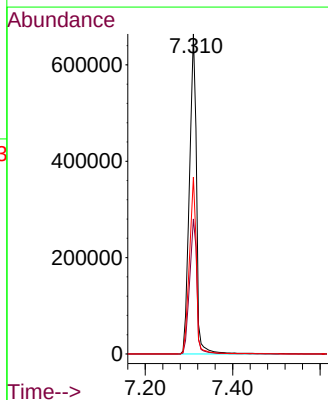
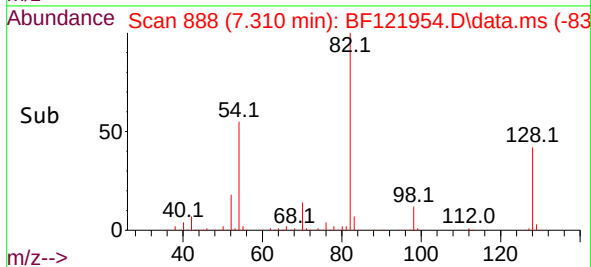


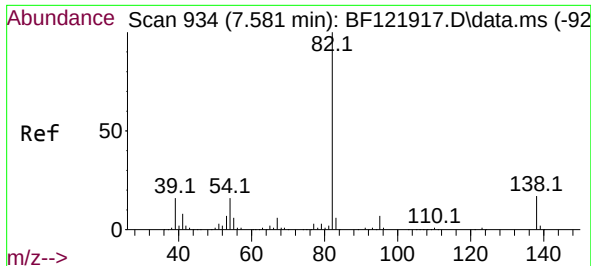
#23
Nitrobenzene-d5
Concen: 84.04 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44



Tgt Ion: 82 Resp: 747633

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.4
54	55.3	43.9	65.9

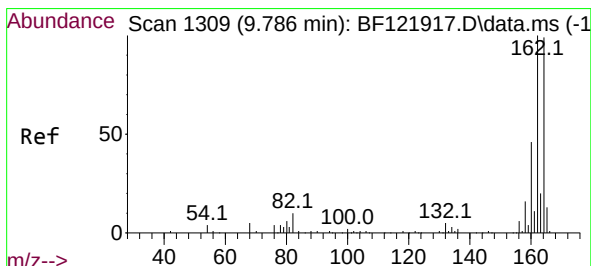
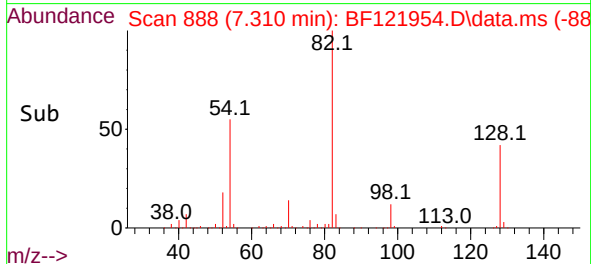
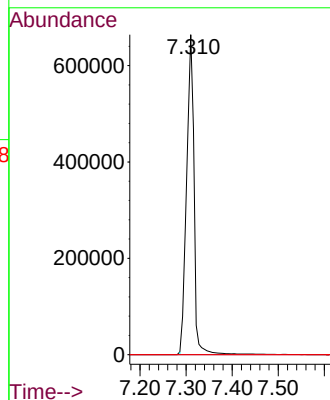
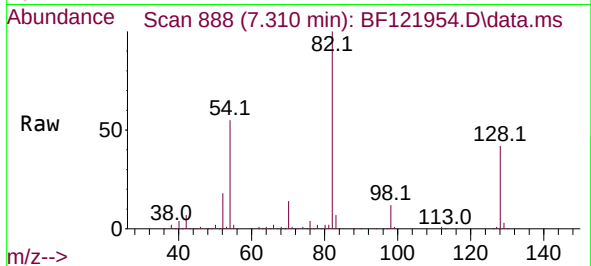




#25
Isophorone
Concen: 43.95 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

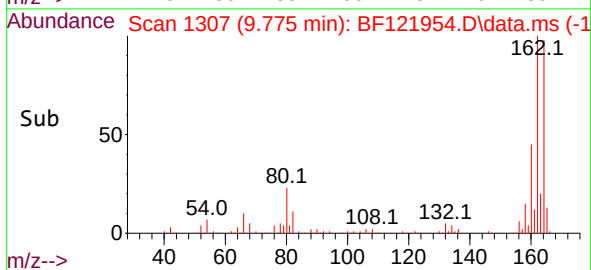
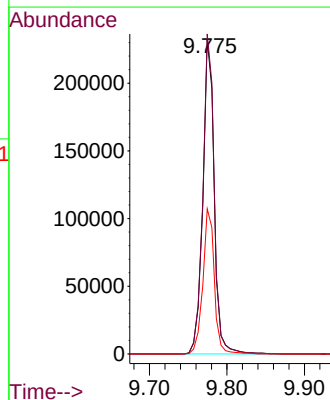
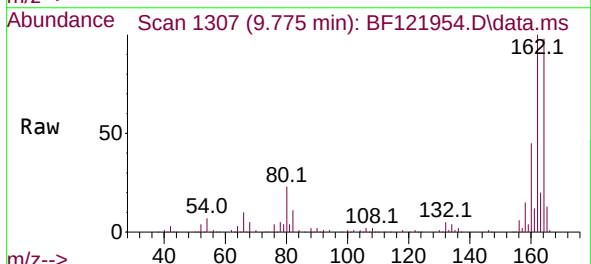
Instrument :
BNA_F
ClientSampleId :
PB132353BL

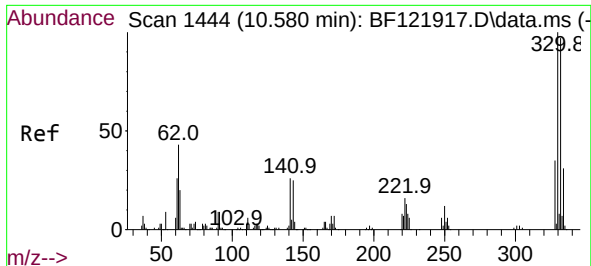
Tgt Ion: 82 Resp: 739307
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

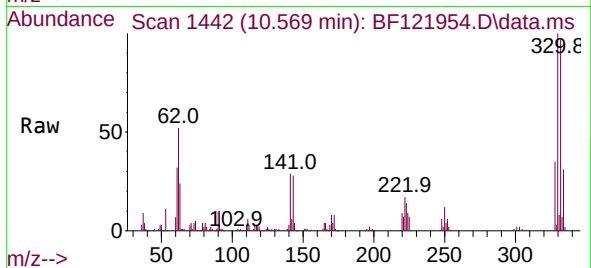
Tgt Ion: 164 Resp: 236323
Ion Ratio Lower Upper
164 100
162 101.8 83.2 124.8
160 46.2 37.5 56.3



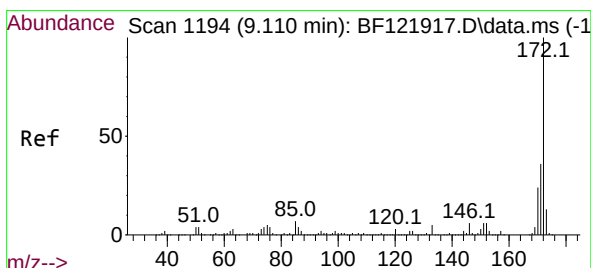
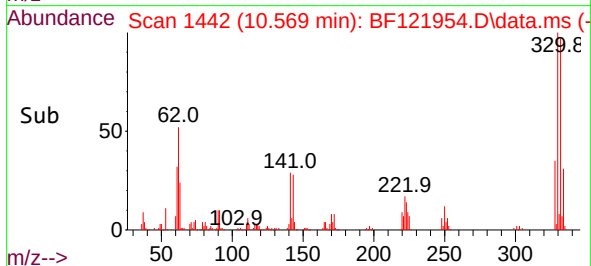
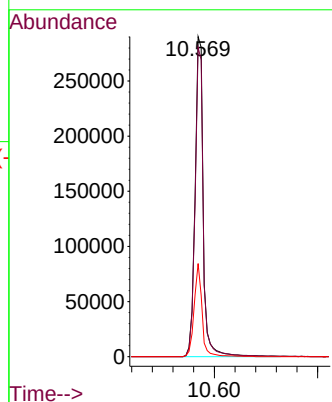


#42
2,4,6-Tribromophenol
Concen: 109.60 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

Instrument :
BNA_F
ClientSampleId :
PB132353BL

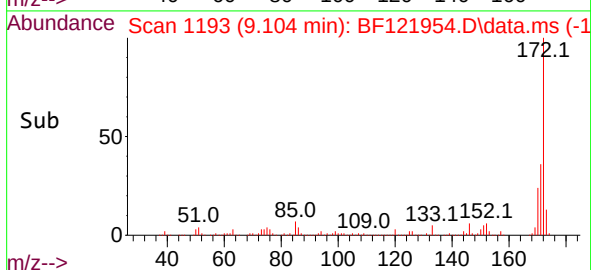
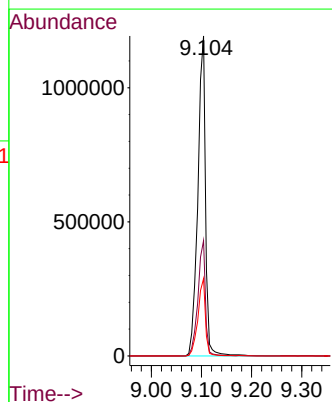
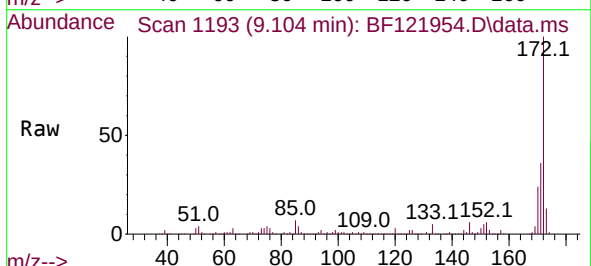


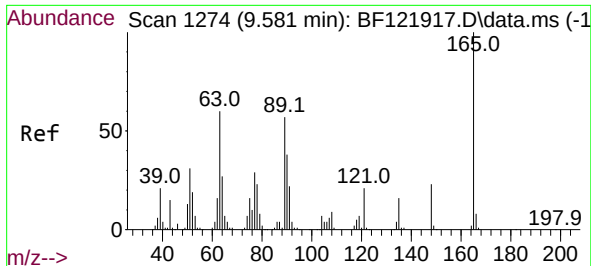
Tgt Ion:330 Resp: 320389
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 28.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 79.14 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

Tgt Ion:172 Resp: 1271087
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.2 19.8 29.6

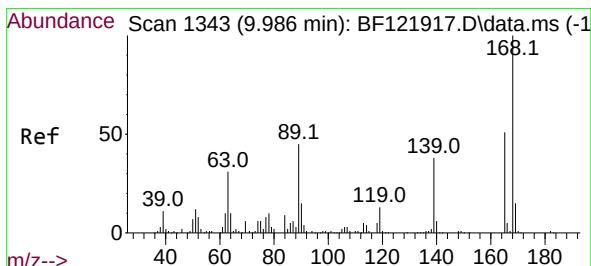
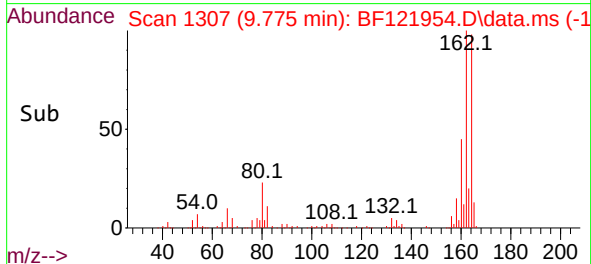
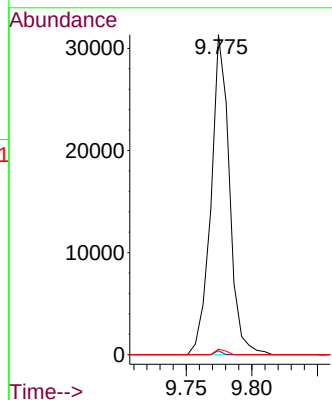
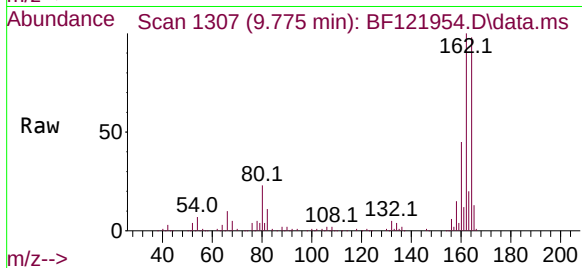




#51
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

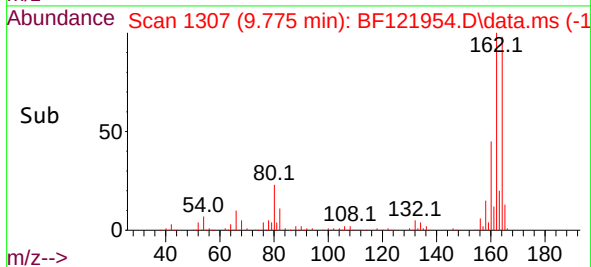
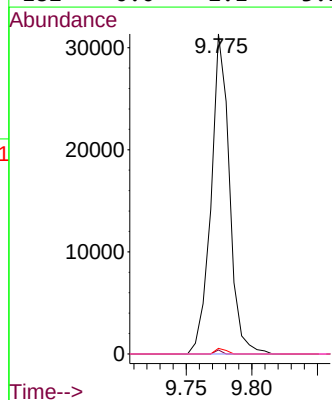
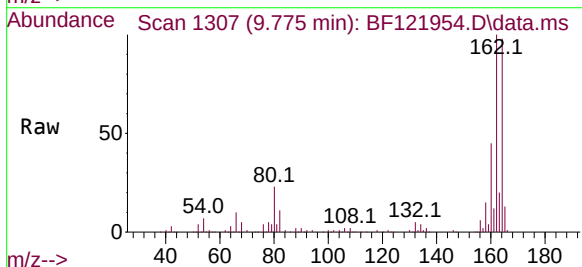
Instrument :
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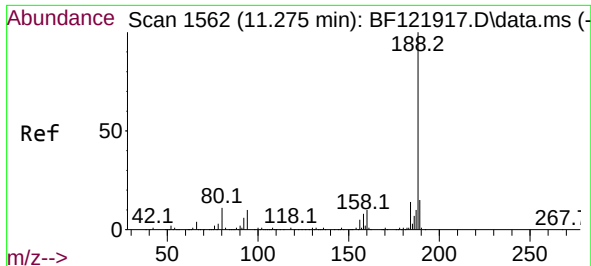
Tgt Ion:165 Resp: 30556
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.8 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

Tgt Ion:165 Resp: 30556
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#

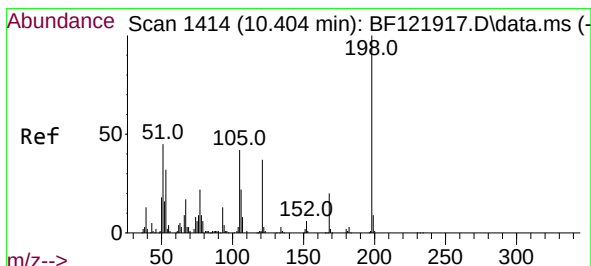
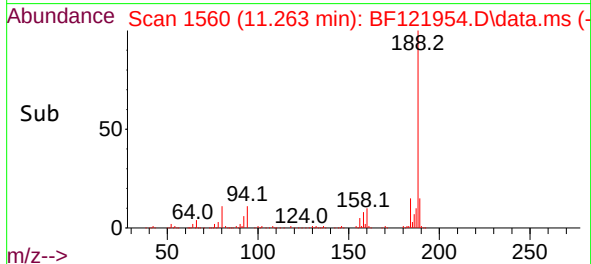
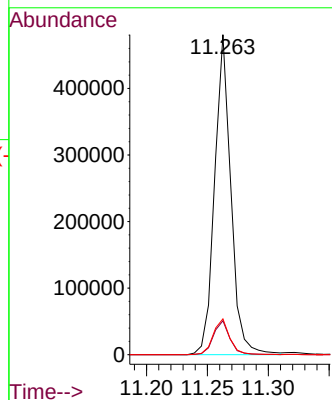
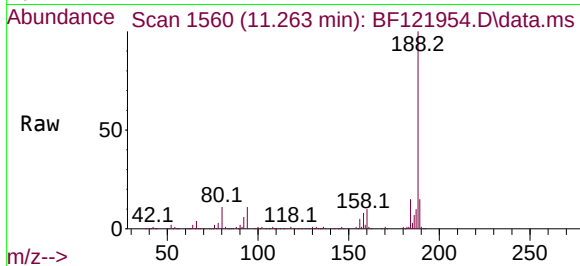




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

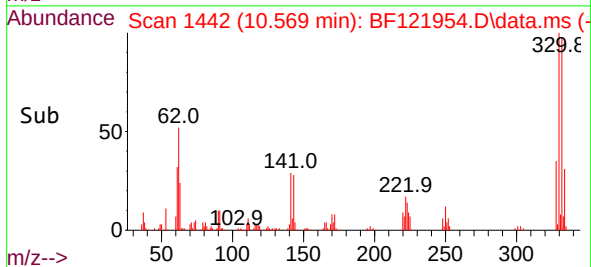
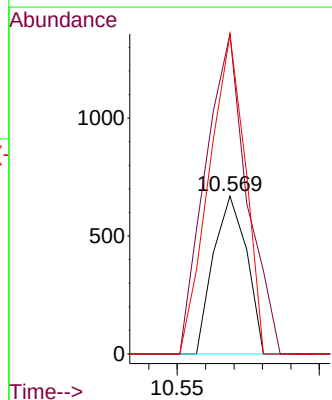
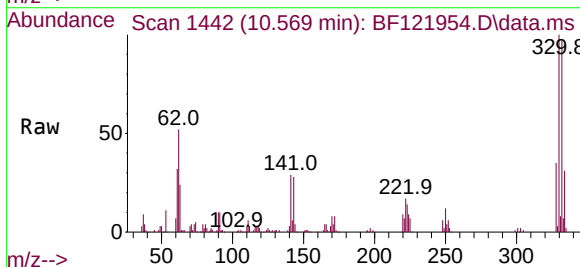
Instrument :
BNA_F
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PB132353BL

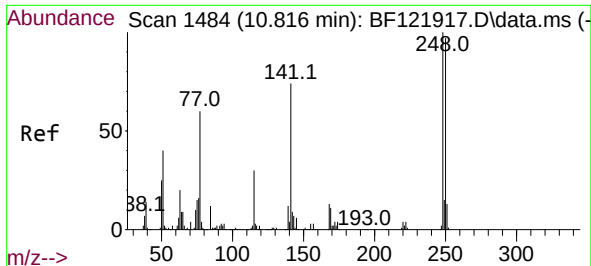
Tgt Ion:188 Resp: 446827
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.2 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.60 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

Tgt Ion:198 Resp: 543
Ion Ratio Lower Upper
198 100
51 202.8 29.6 69.6#
105 202.5 24.4 64.4#

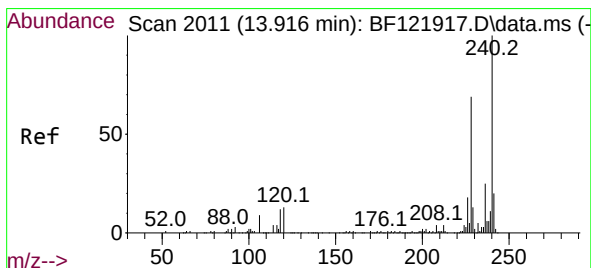
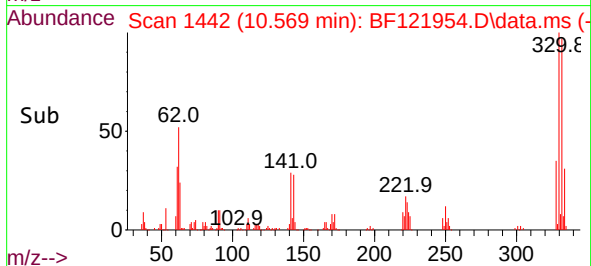
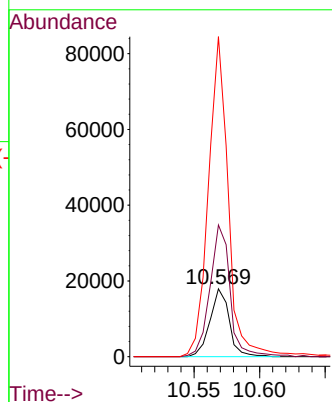
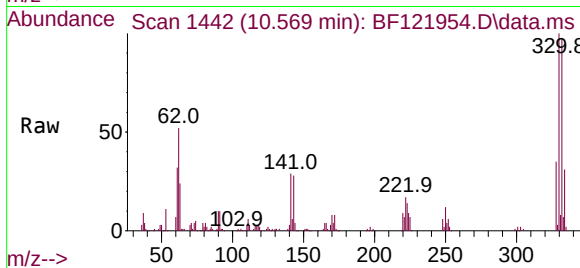




#67
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

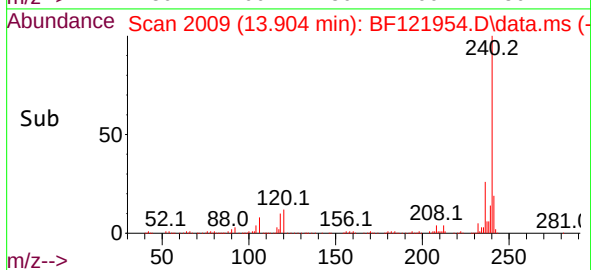
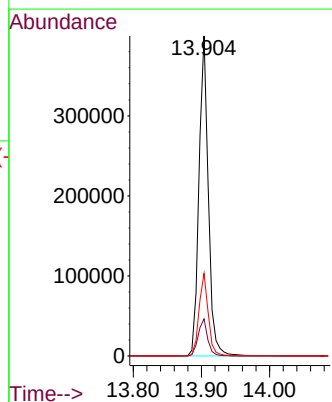
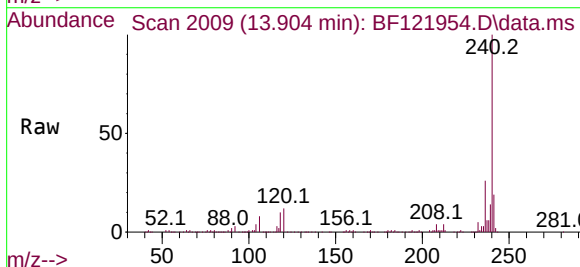
Instrument :
BNA_F
ClientSampleId :
PB132353BL

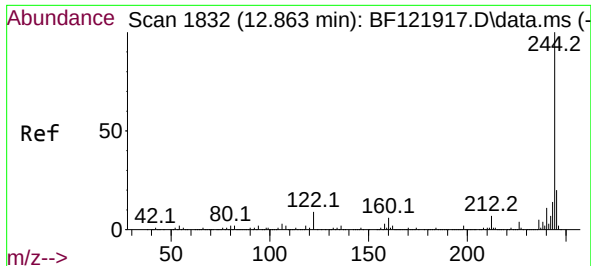
Tgt Ion:248 Resp: 18433
Ion Ratio Lower Upper
248 100
250 194.1 77.0 115.6#
141 471.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121954.D
Acq: 14 Oct 2020 12:44

Tgt Ion:240 Resp: 381653
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.8 20.9 31.3

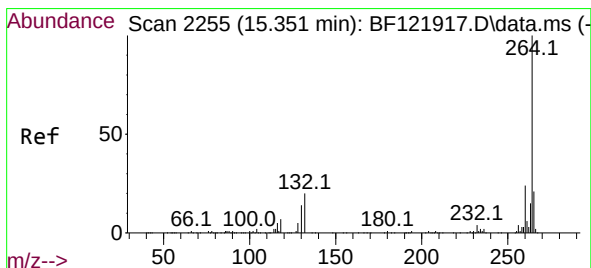
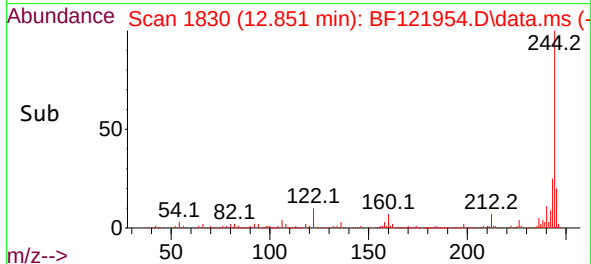
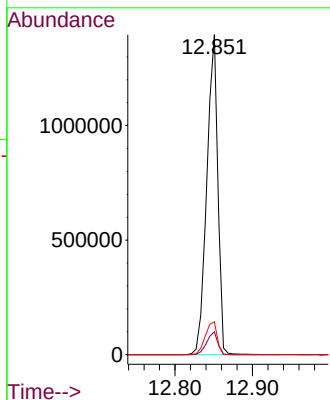
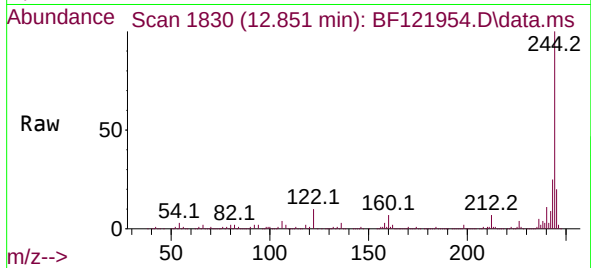




#79
 Terphenyl-d14
 Concen: 68.77 ng
 RT: 12.851 min Scan# 1830
 Delta R.T. -0.012 min
 Lab File: BF121954.D
 Acq: 14 Oct 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB132353BL

Tgt Ion:244 Resp: 1377167
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.2 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: BF121954.D
 Acq: 14 Oct 2020 12:44

Tgt Ion:264 Resp: 322677
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.4 17.3 25.9

