

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122219.D
 Acq On : 2 Nov 2020 11:22
 Operator : JU/CG
 Sample : PB132741TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132741TB

Quant Time: Nov 02 14:08:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

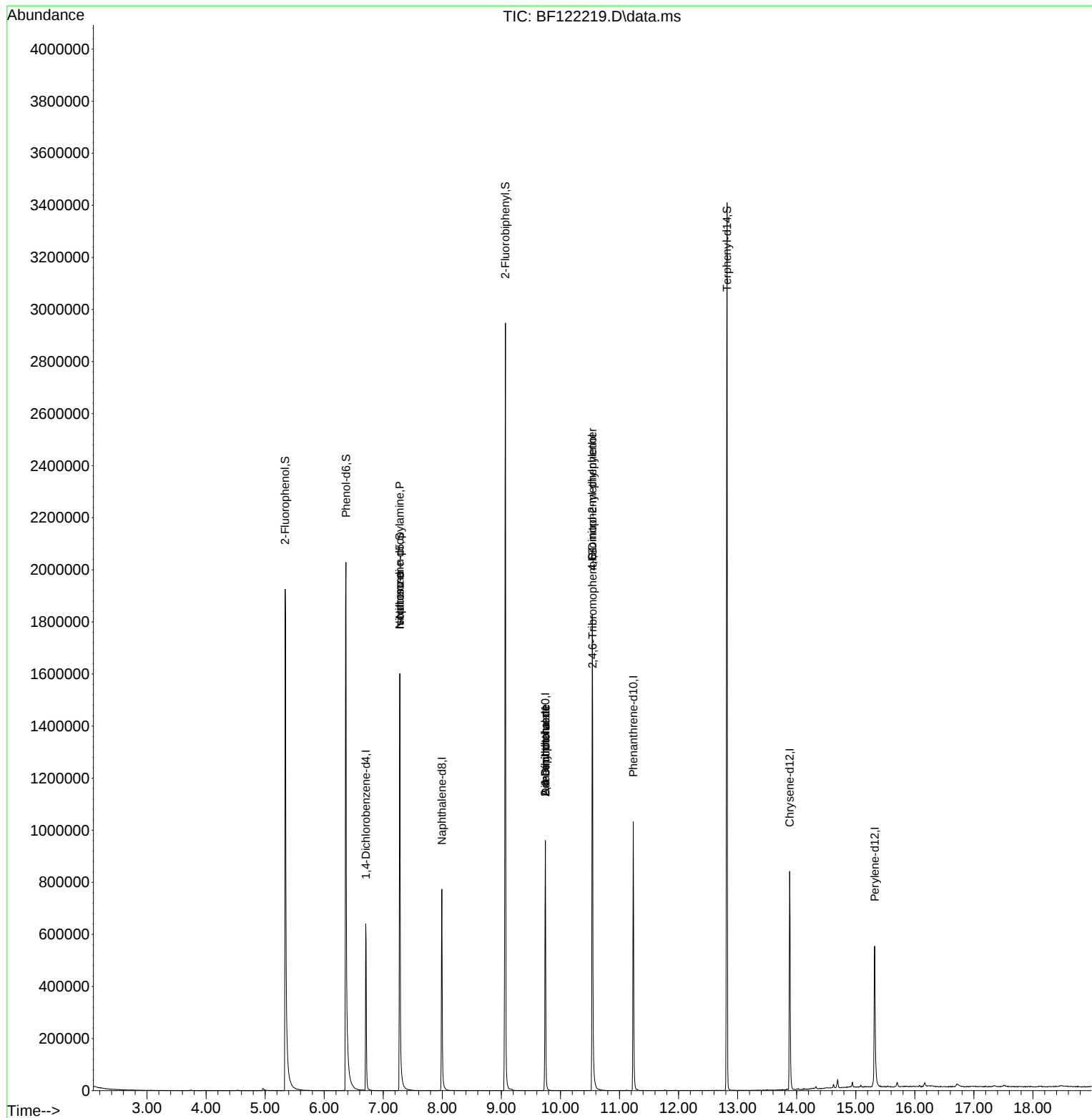
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	102589	20.00	ng	-0.01
21) Naphthalene-d8	7.992	136	402253	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	207777	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	398894	20.00	ng	0.00
76) Chrysene-d12	13.880	240	326542	20.00	ng	0.00
86) Perylene-d12	15.321	264	286823	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	706926	101.70	ng	0.00
7) Phenol-d6	6.369	99	888114	99.26	ng	0.00
23) Nitrobenzene-d5	7.281	82	579326	73.86	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	260958	101.53	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	999075	70.75	ng	0.00
79) Terphenyl-d14	12.821	244	1096321	63.98	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1259	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	76883	15.09	ng	# 80
25) Isophorone	7.281	82	579326	39.06	ng	# 67
50) Dimethylphthalate	9.745	163	41636	2.74	ng	# 1
51) 2,6-Dinitrotoluene	9.745	165	26195	7.86	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	26195	6.38	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.539	198	397	4.57	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	15439	3.35	ng	# 1

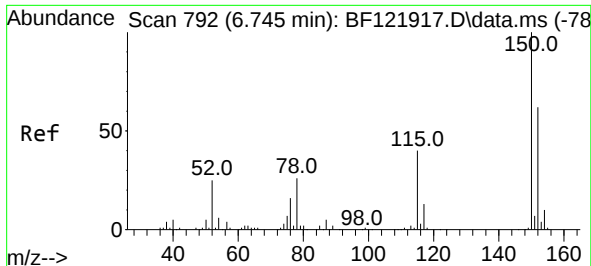
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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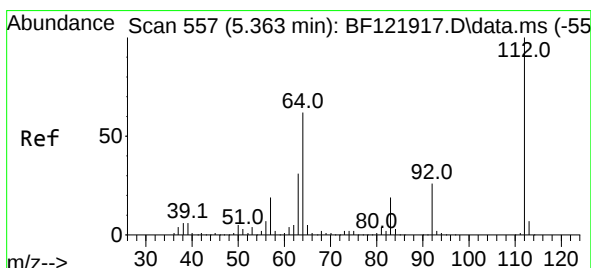
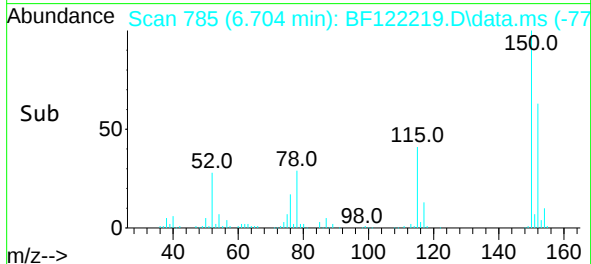
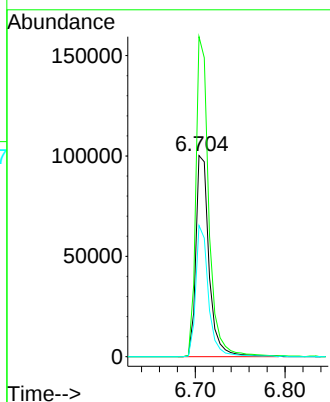
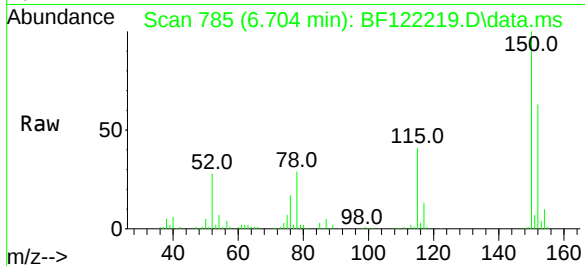




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.704 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

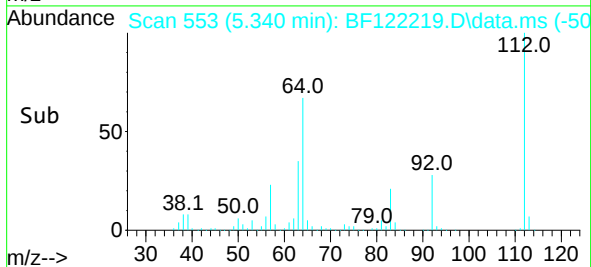
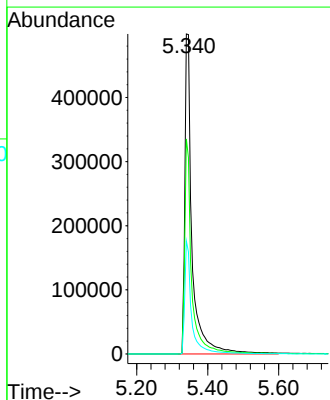
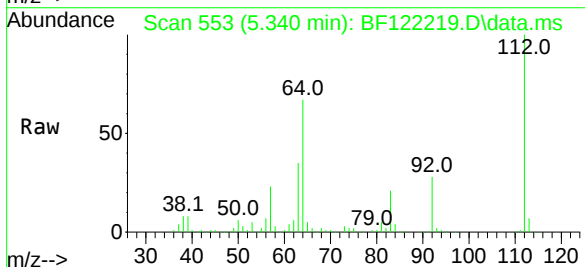
Instrument :
BNA_F
ClientSampleId :
PB132741TB

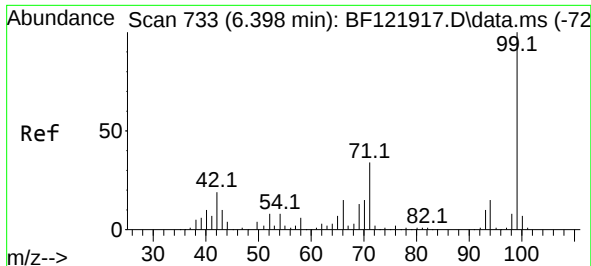
Tgt Ion:152 Resp: 102589
Ion Ratio Lower Upper
152 100
150 159.1 125.3 187.9
115 65.2 51.9 77.9



#5
2-Fluorophenol
Concen: 101.70 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

Tgt Ion:112 Resp: 706926
Ion Ratio Lower Upper
112 100
64 67.2 50.4 75.6
63 35.3 25.8 38.6

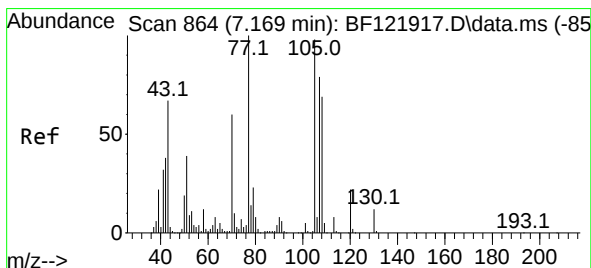
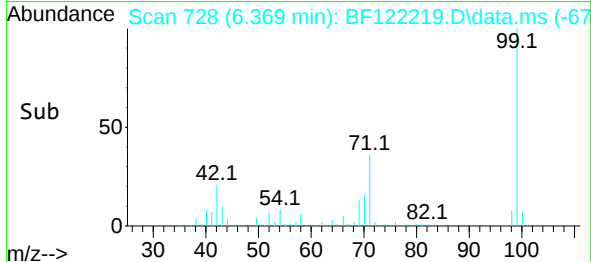
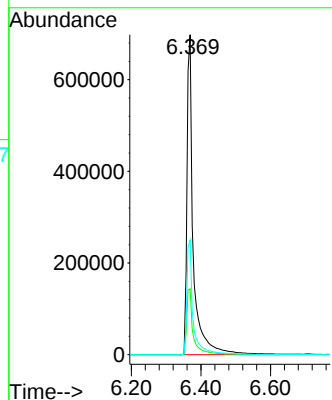
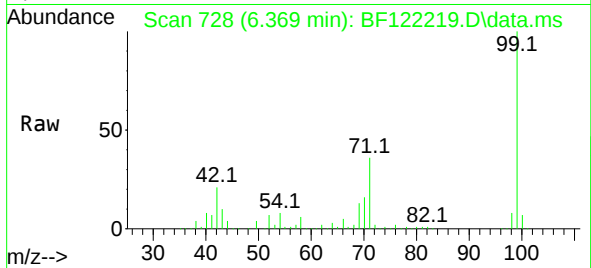




#7
Phenol-d6
Concen: 99.26 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

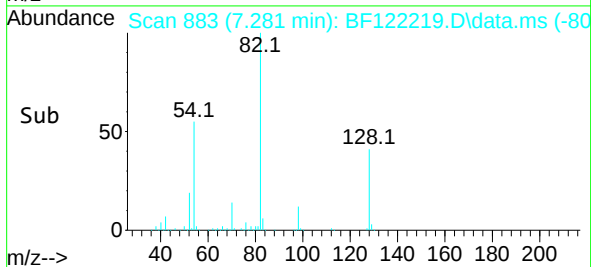
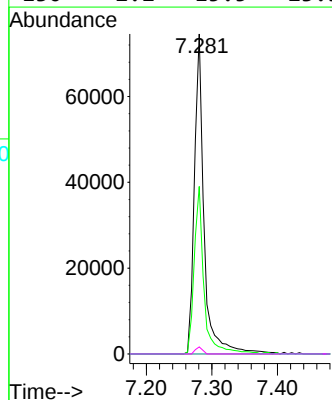
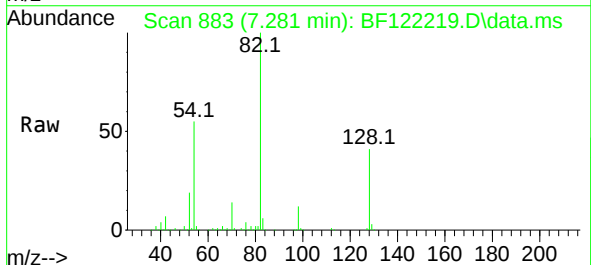
Instrument :
BNA_F
ClientSampleId :
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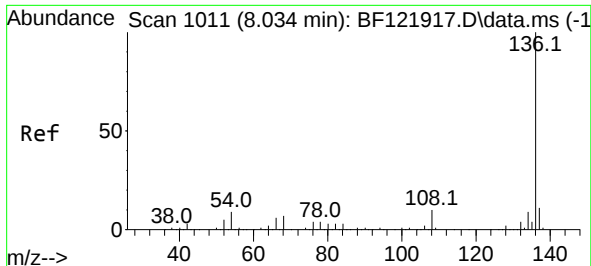
Tgt Ion: 99 Resp: 888114
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 35.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.09 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

Tgt Ion: 70 Resp: 76883
Ion Ratio Lower Upper
70 100
42 52.3 50.2 75.4
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



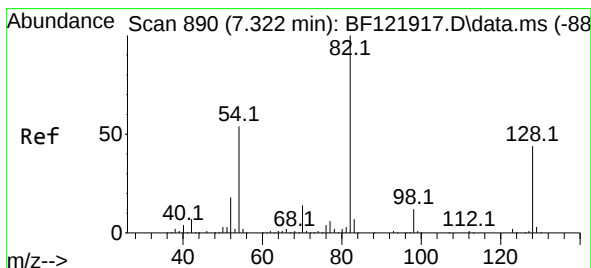
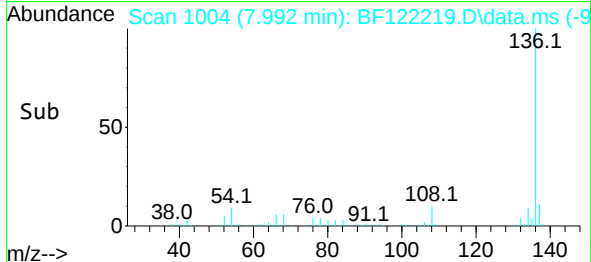
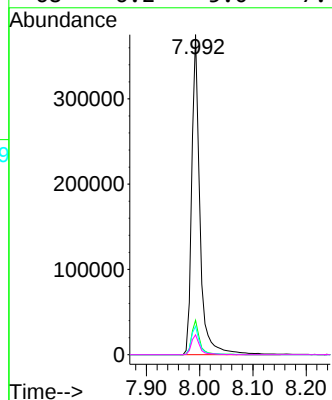
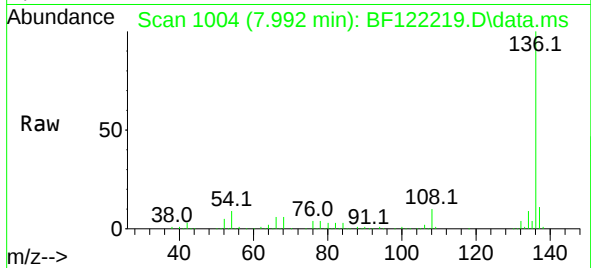


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

Instrument :
BNA_F
ClientSampleId :
PB132741TB

Tgt Ion:136 Resp: 402253

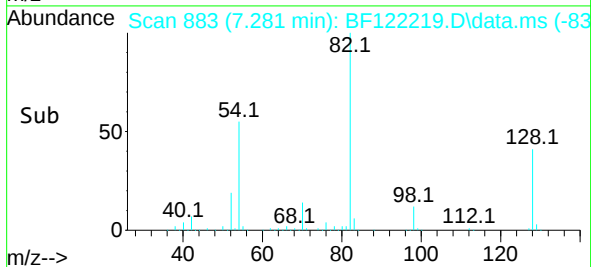
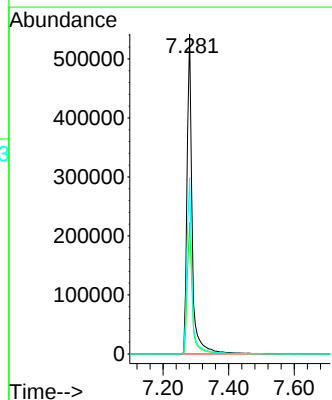
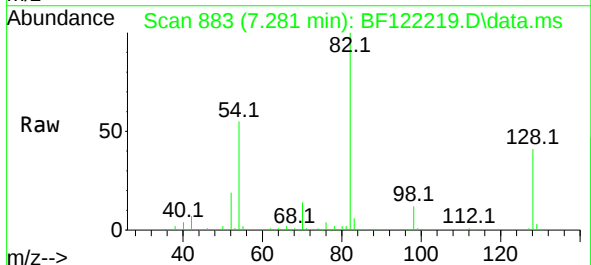
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.8	7.1	10.7
68	6.2	5.0	7.4

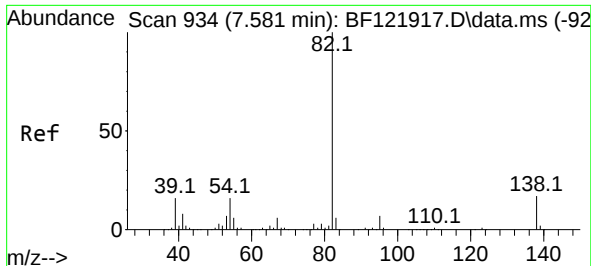


#23
Nitrobenzene-d5
Concen: 73.86 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

Tgt Ion: 82 Resp: 579326

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.0	52.4
54	55.1	43.9	65.9

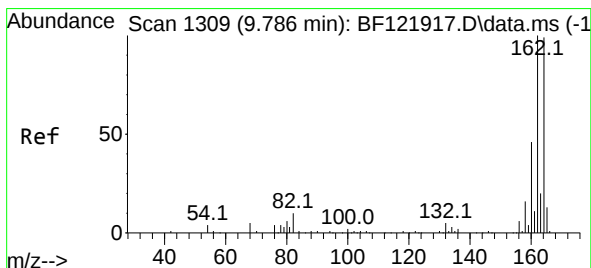
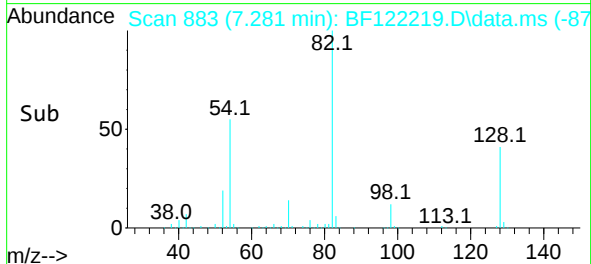
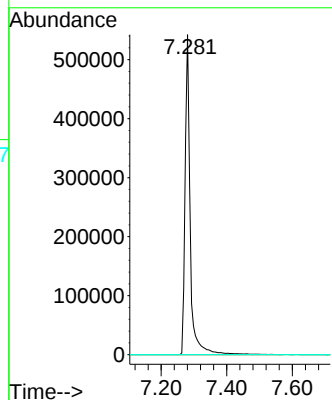
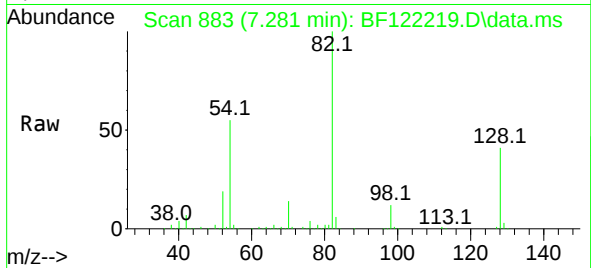




#25
Isophorone
Concen: 39.06 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

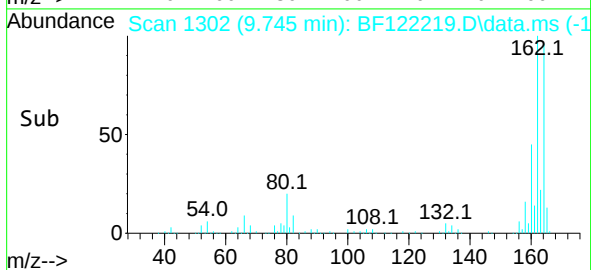
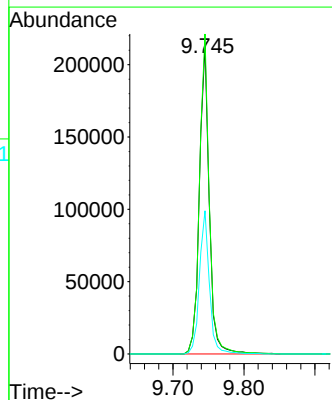
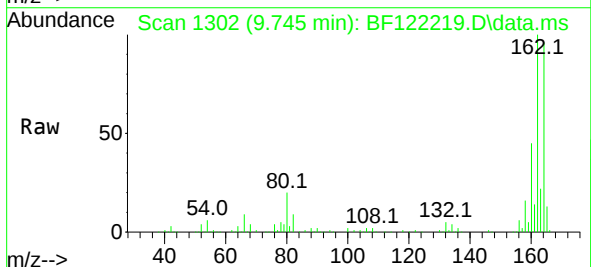
Instrument :
BNA_F
ClientSampleId :
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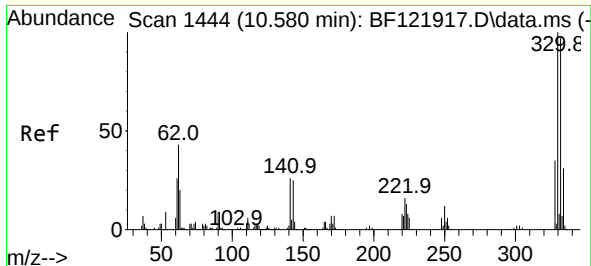
Tgt Ion: 82 Resp: 579326
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

Tgt Ion:164 Resp: 207777
Ion Ratio Lower Upper
164 100
162 103.9 83.2 124.8
160 46.5 37.5 56.3

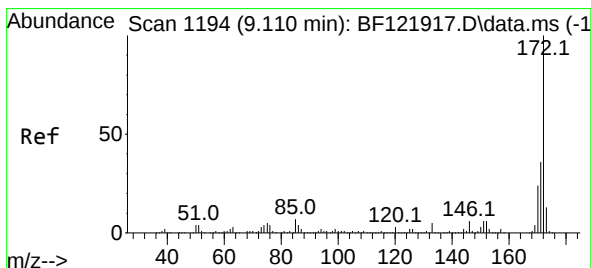
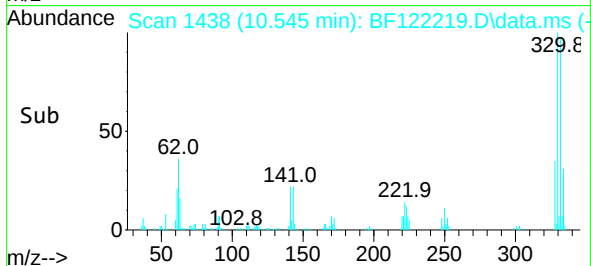
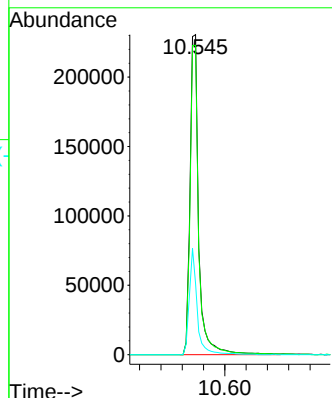
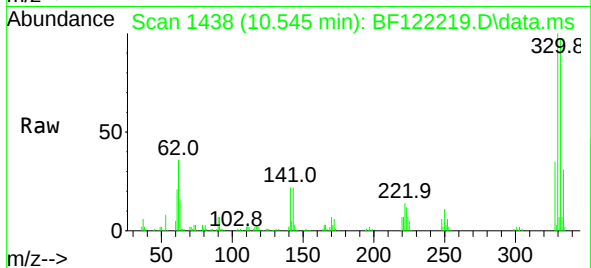




#42
2,4,6-Tribromophenol
Concen: 101.53 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

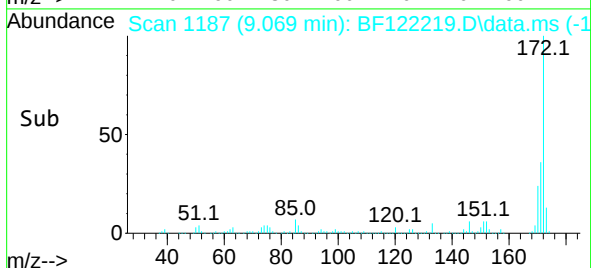
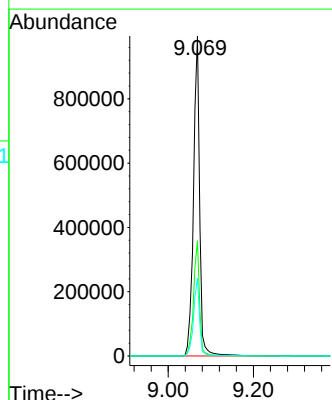
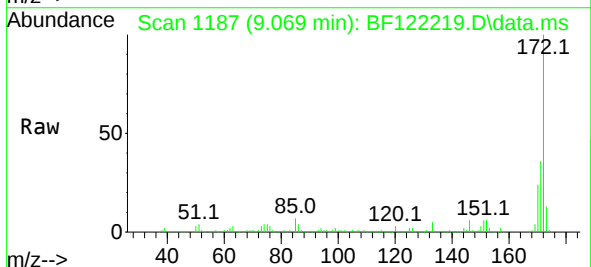
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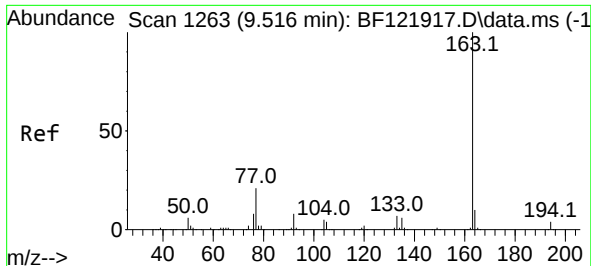
Tgt Ion: 330 Resp: 260958
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 70.75 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

Tgt Ion: 172 Resp: 999075
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.3 19.8 29.6

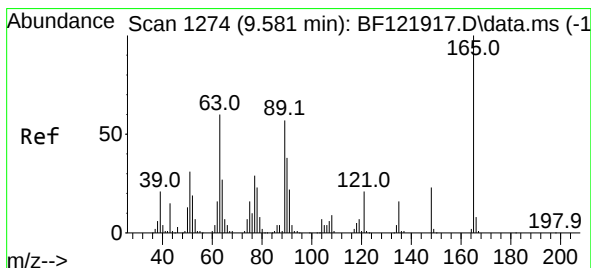
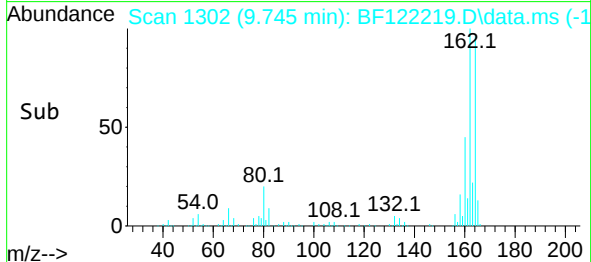
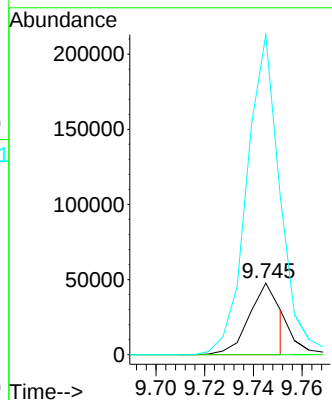
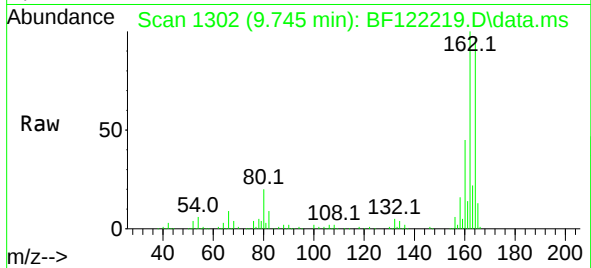




#50
Dimethylphthalate
Concen: 2.74 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.265 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

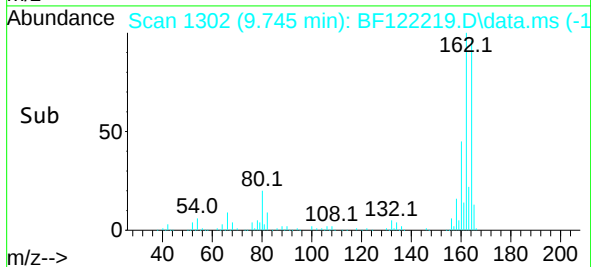
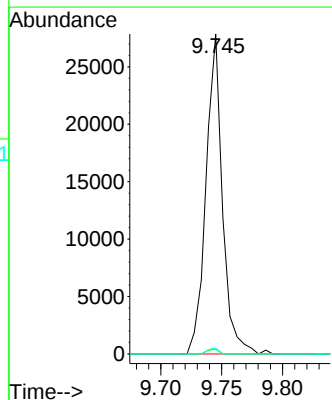
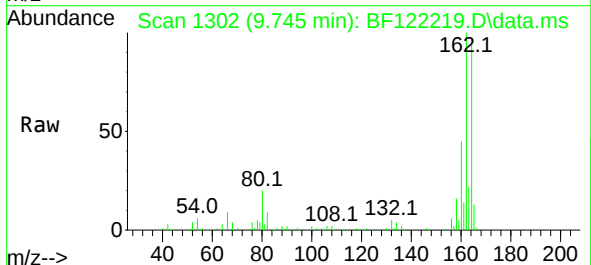
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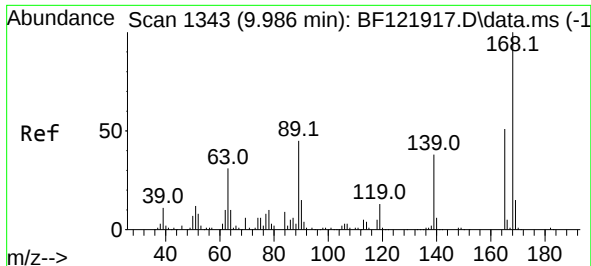
Tgt Ion:163 Resp: 41636
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 446.9 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

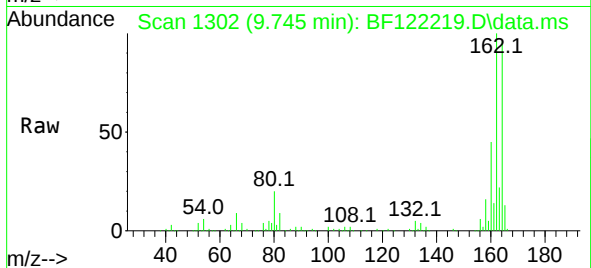
Tgt Ion:165 Resp: 26195
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.9 49.0 73.6#



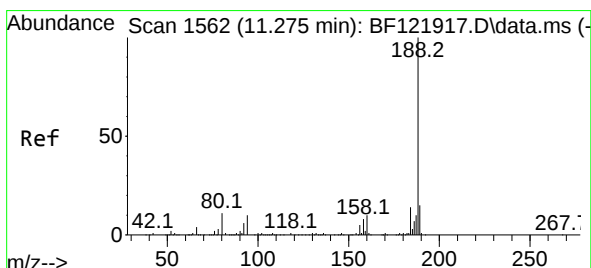
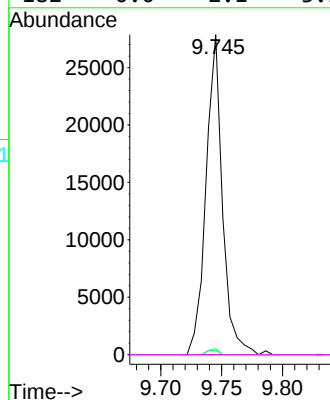
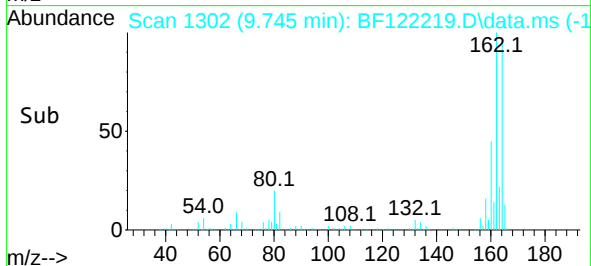


#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

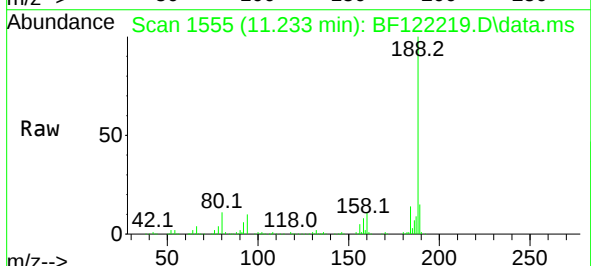
Instrument :
BNA_F
ClientSampleId :
PB132741TB



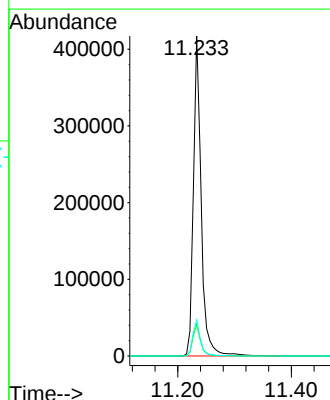
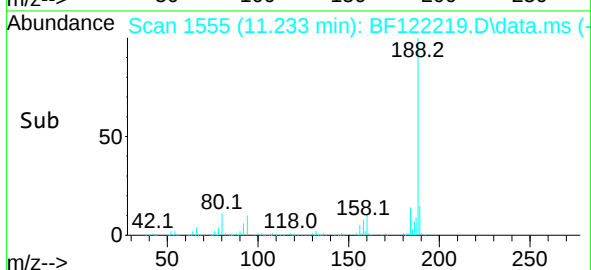
Tgt Ion:165 Resp: 26195
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.9 61.8 92.8#
182 0.0 2.1 3.1#

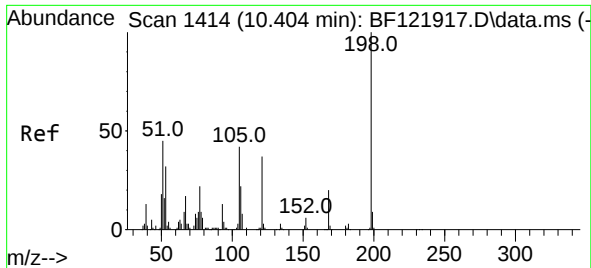


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22



Tgt Ion:188 Resp: 398894
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 11.2 9.1 13.7

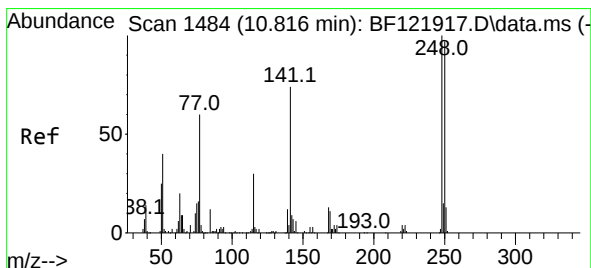
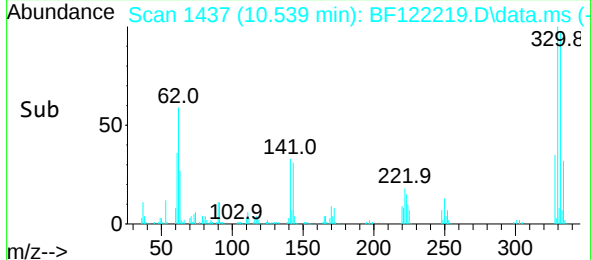
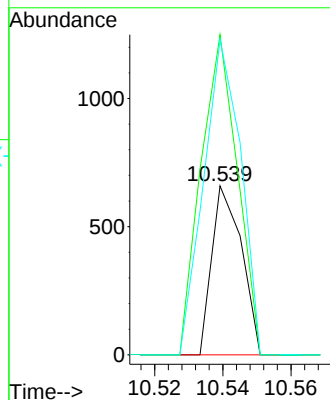
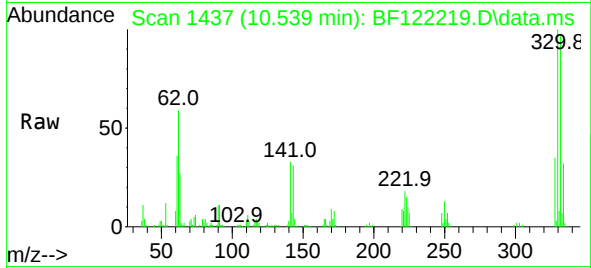




#65
4,6-Dinitro-2-methylphenol
Concen: 4.57 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

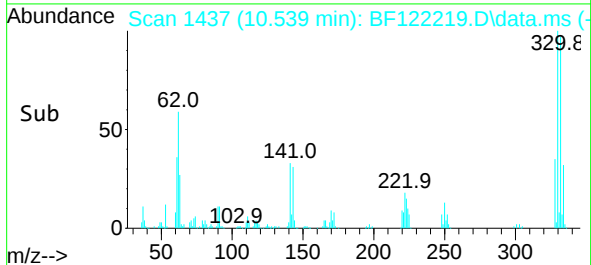
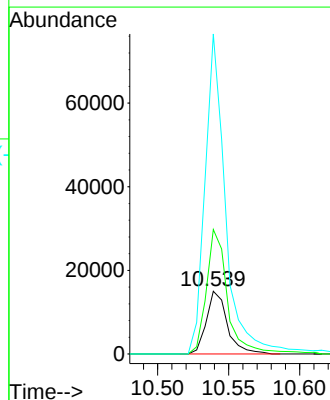
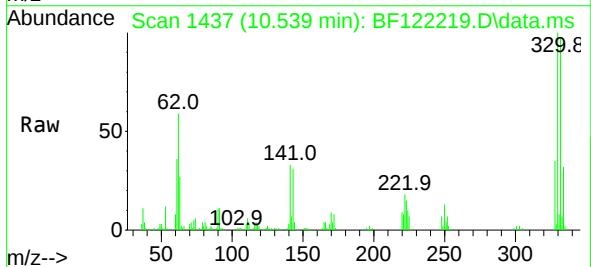
Instrument :
BNA_F
ClientSampleId :
PB132741TB

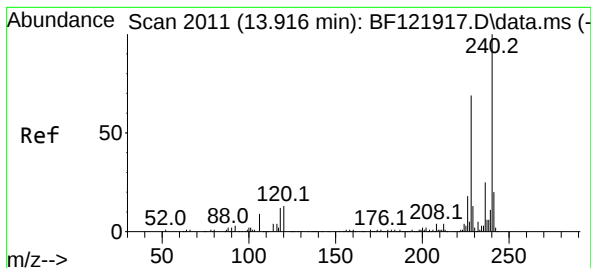
Tgt Ion:198 Resp: 397
Ion Ratio Lower Upper
198 100
51 189.5 29.6 69.6#
105 186.6 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

Tgt Ion:248 Resp: 15439
Ion Ratio Lower Upper
248 100
250 198.3 77.0 115.6#
141 509.8 53.7 80.5#

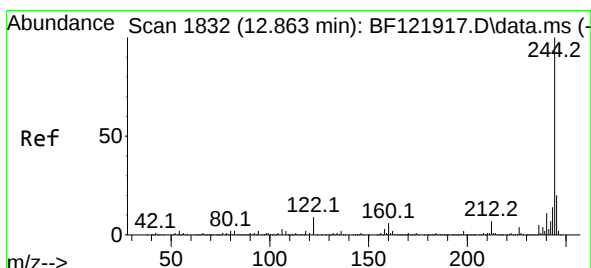
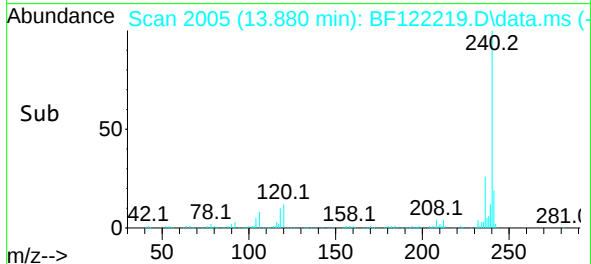
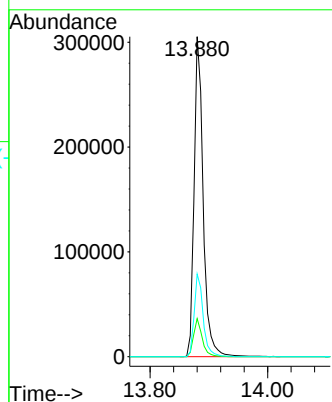
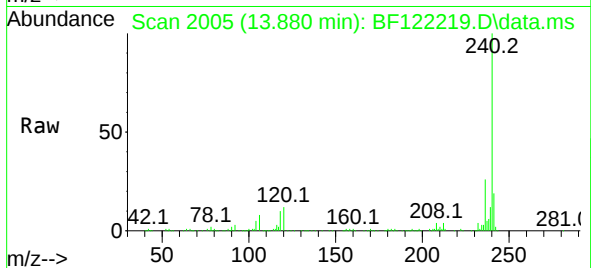




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

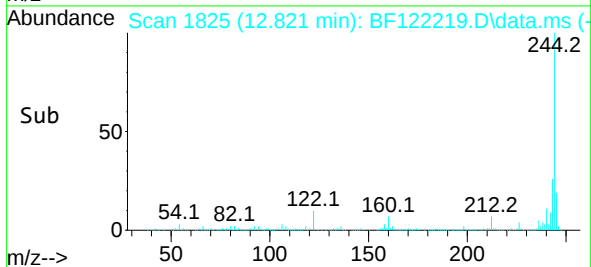
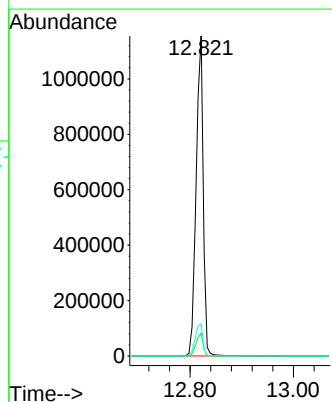
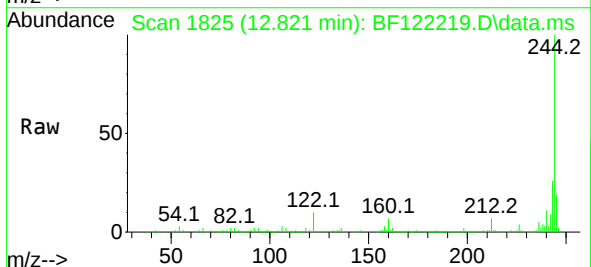
Instrument :
BNA_F
ClientSampleId :
PB132741TB

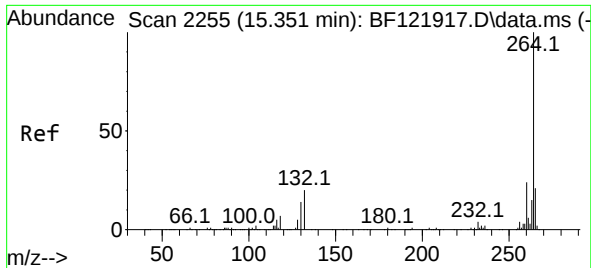
Tgt Ion:240 Resp: 326542
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 63.98 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122219.D
Acq: 2 Nov 2020 11:22

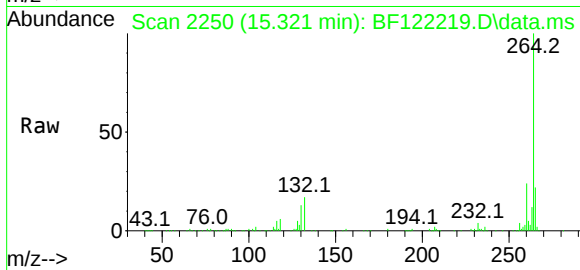
Tgt Ion:244 Resp: 1096321
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.0 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.018 min
 Lab File: BF122219.D
 Acq: 2 Nov 2020 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB132741TB



Tgt Ion:264 Resp: 286823
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.8 17.3 25.9

