

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122142.D
 Acq On : 28 Oct 2020 11:03
 Operator : JU/CG
 Sample : PB132643BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132643BL

Quant Time: Oct 28 11:29:56 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 26 17:27:32 2020
 Response via : Initial Calibration

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

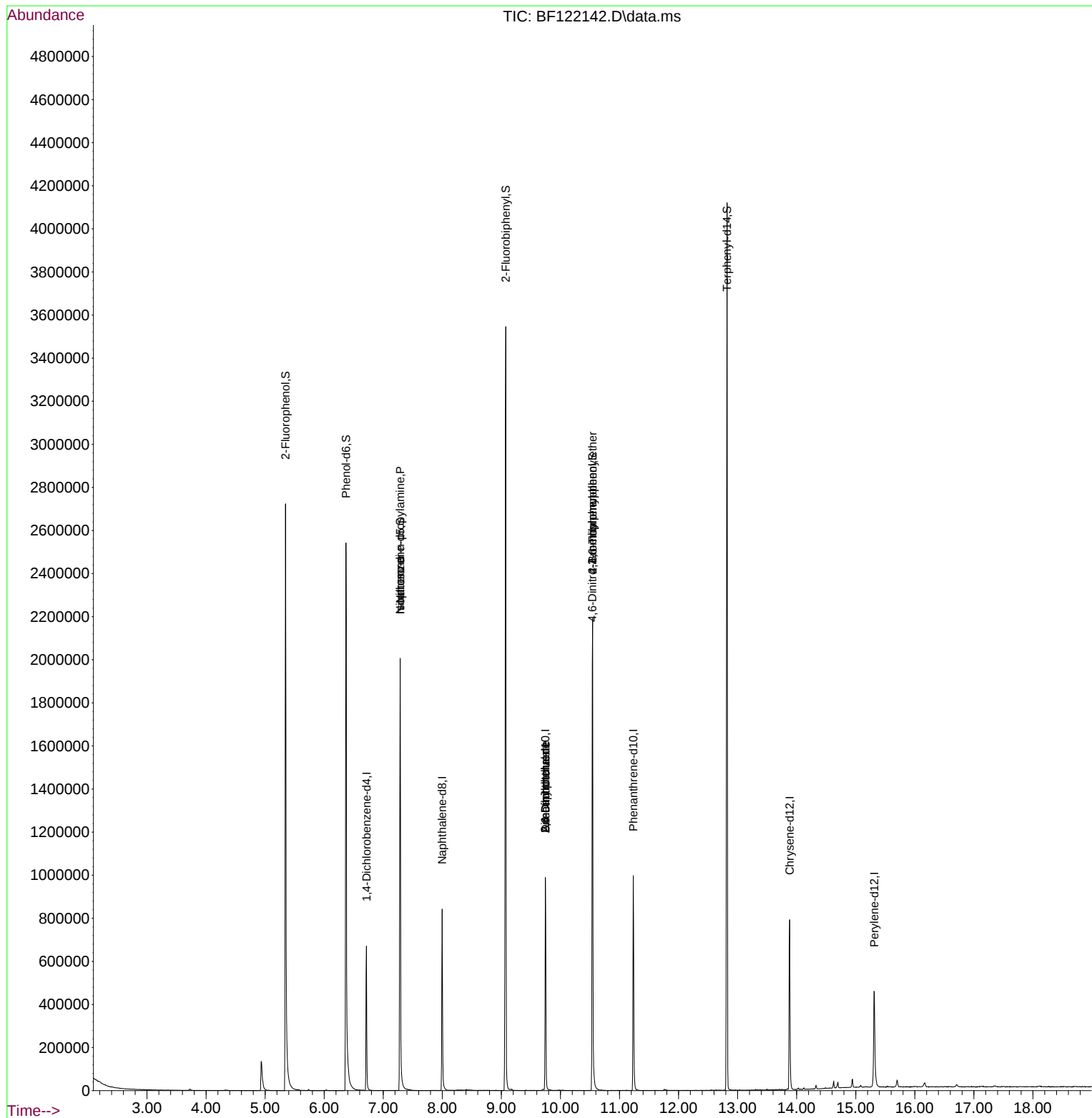
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	100530	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	396445	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	207214	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	393491	20.00	ng	0.00
76) Chrysene-d12	13.880	240	301870	20.00	ng	0.00
86) Perylene-d12	15.315	264	255496	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	815059	119.66	ng	0.01
7) Phenol-d6	6.369	99	1021493	116.50	ng	0.00
23) Nitrobenzene-d5	7.286	82	705713	91.29	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	315200	122.97	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1192012	84.64	ng	0.00
79) Terphenyl-d14	12.821	244	1316928	83.14	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	1372	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.286	70	96940	19.42	ng	# 80
25) Isophorone	7.286	82	705707	48.28	ng	# 67
50) Dimethylphthalate	9.745	163	38039	2.51	ng	# 1
51) 2,6-Dinitrotoluene	9.745	165	26070	7.84	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	26070	6.37	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	541	4.62	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	18913	4.16	ng	# 1

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

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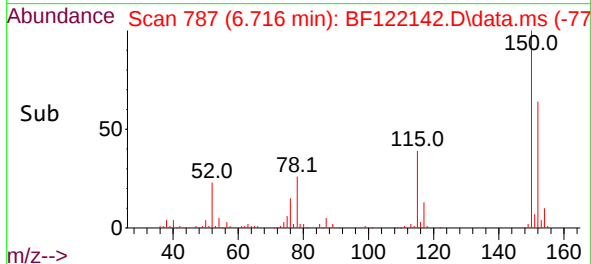
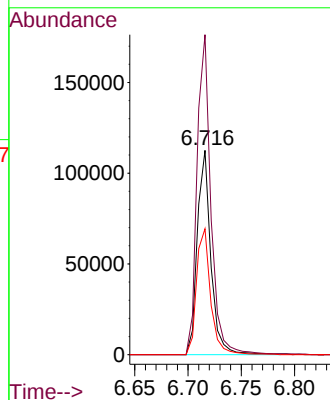
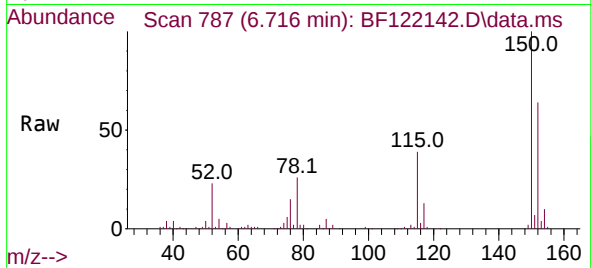




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

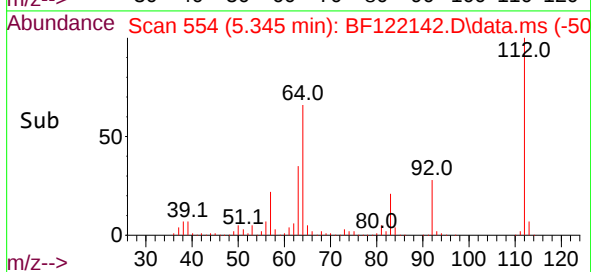
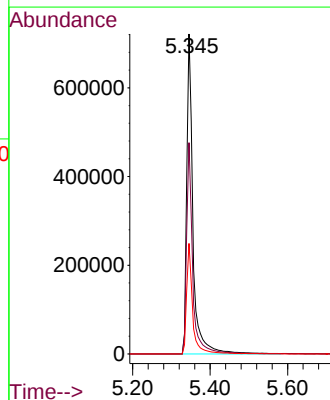
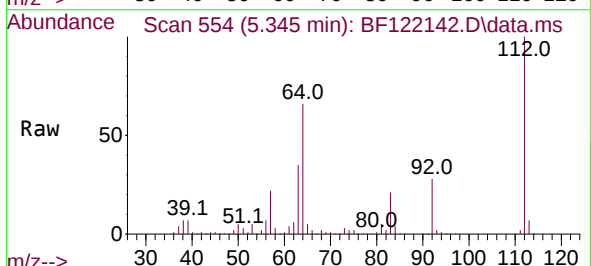
Instrument :
BNA_F
ClientSampleId :
PB132643BL

Tgt Ion:152 Resp: 100530
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 61.6 51.9 77.9



#5
2-Fluorophenol
Concen: 119.66 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

Tgt Ion:112 Resp: 815059
Ion Ratio Lower Upper
112 100
64 66.0 50.4 75.6
63 34.5 25.8 38.6

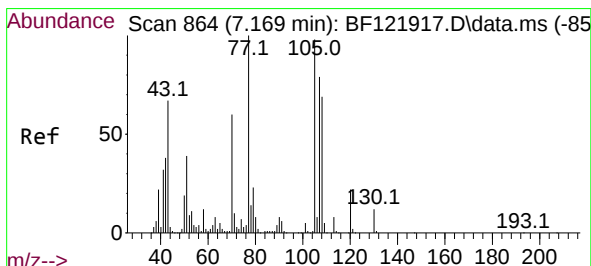
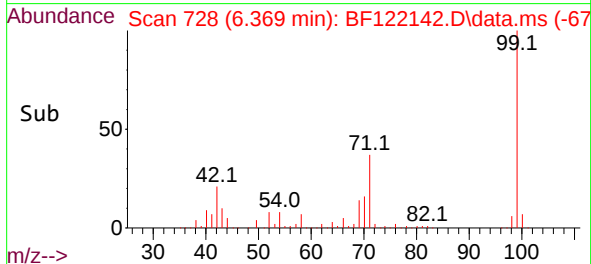
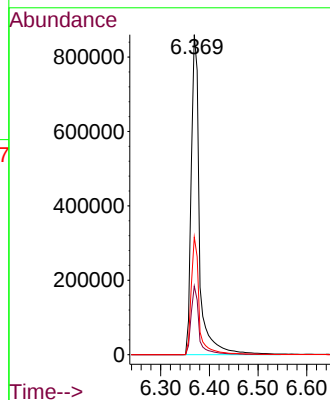
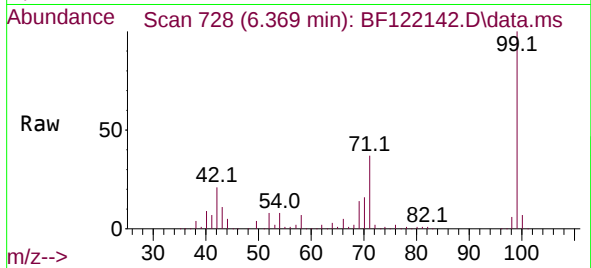




#7
Phenol-d6
Concen: 116.50 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

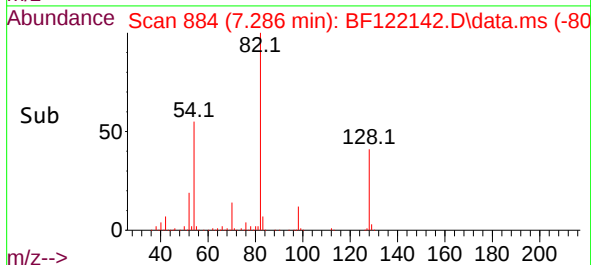
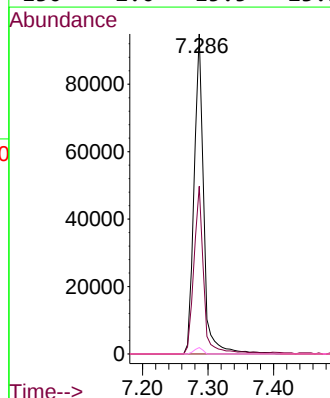
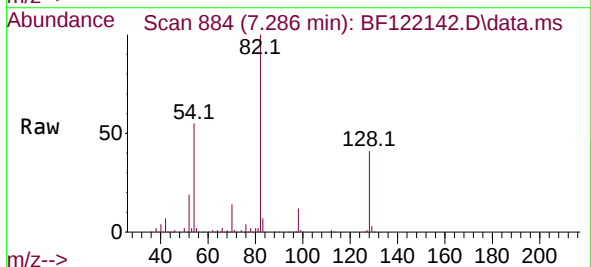
Instrument :
BNA_F
ClientSampleId :
PB132643BL

Tgt Ion: 99 Resp: 1021493
Ion Ratio Lower Upper
99 100
42 21.5 15.9 23.9
71 36.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.42 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

Tgt Ion: 70 Resp: 96940
Ion Ratio Lower Upper
70 100
42 52.4 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



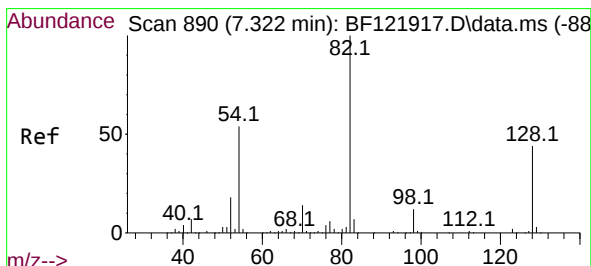
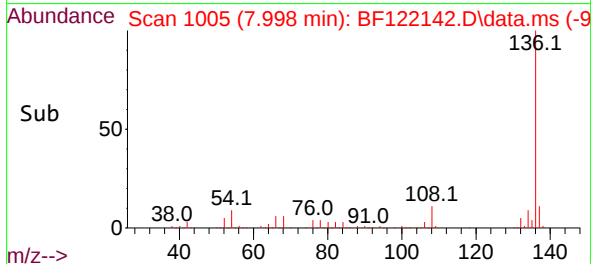
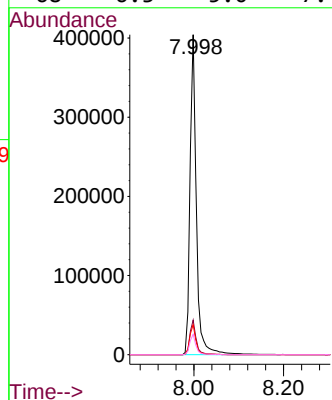
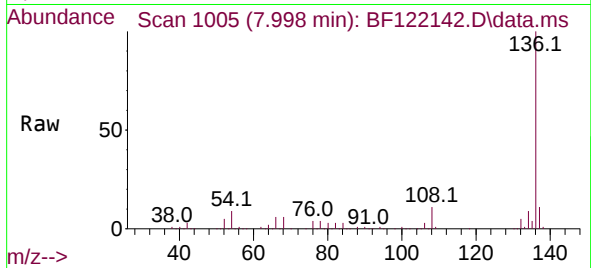


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

Instrument :
BNA_F
ClientSampleId :
PB132643BL

Tgt Ion:136 Resp: 396445

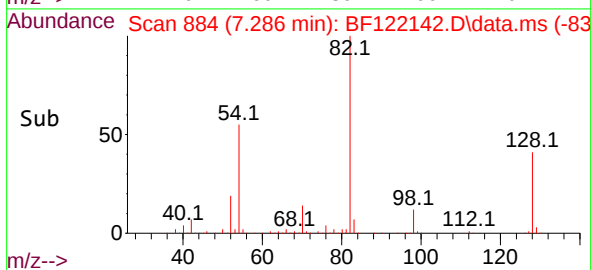
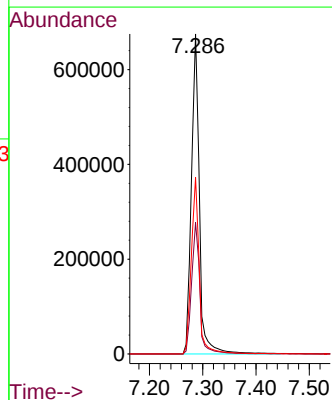
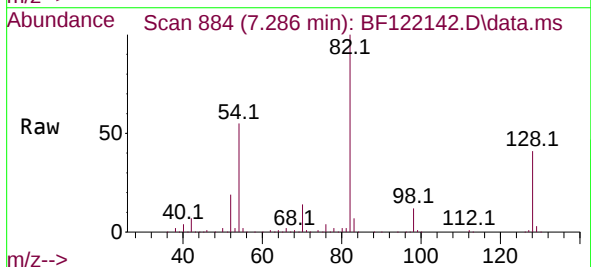
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.3	7.1	10.7
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 91.29 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

Tgt Ion: 82 Resp: 705713

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

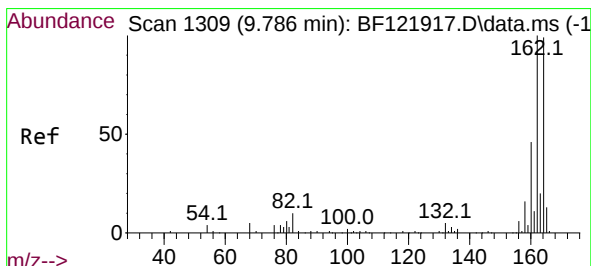
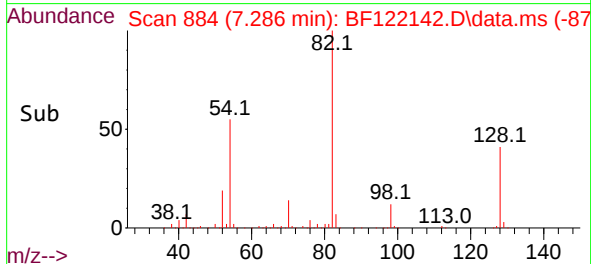
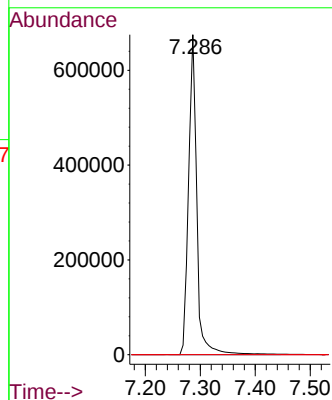
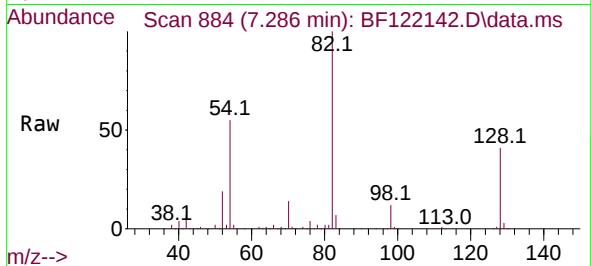




#25
Isophorone
Concen: 48.28 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

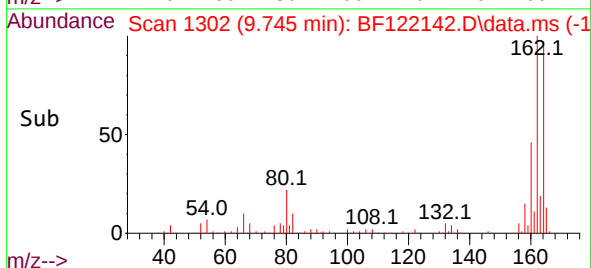
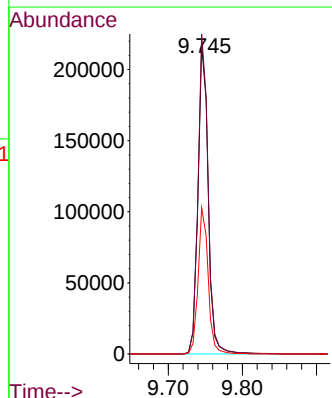
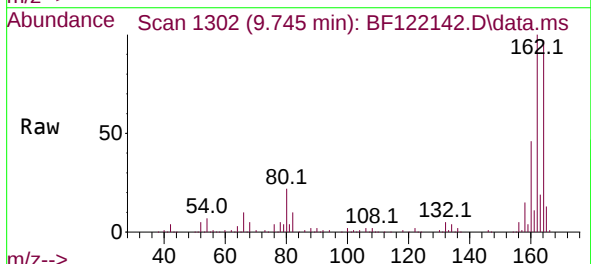
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ClientSampleId :
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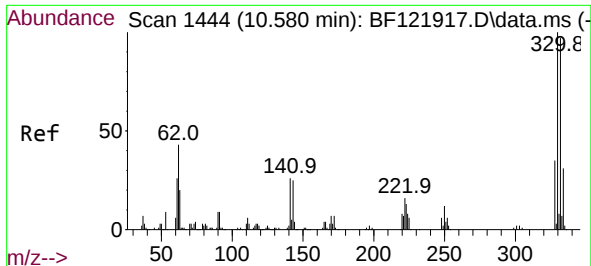
Tgt Ion: 82 Resp: 705707
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

Tgt Ion:164 Resp: 207214
Ion Ratio Lower Upper
164 100
162 103.5 83.2 124.8
160 47.3 37.5 56.3

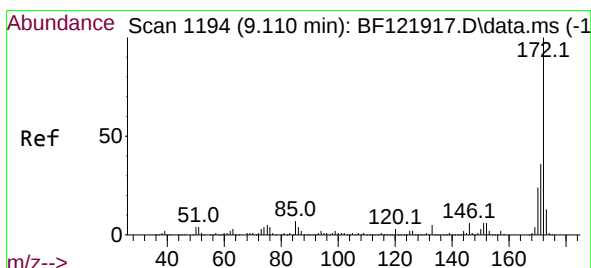
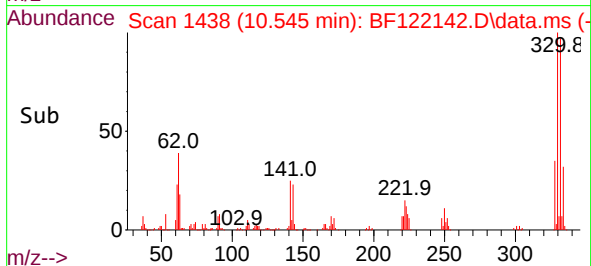
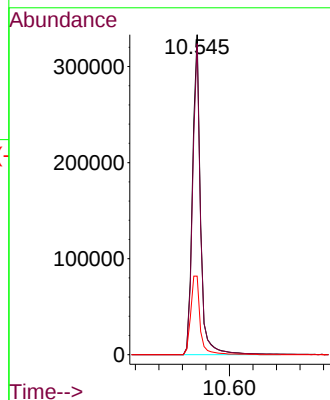
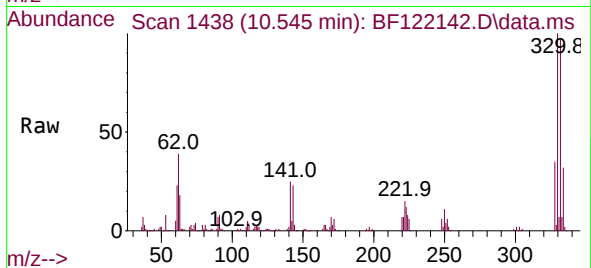




#42
2,4,6-Tribromophenol
Concen: 122.97 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

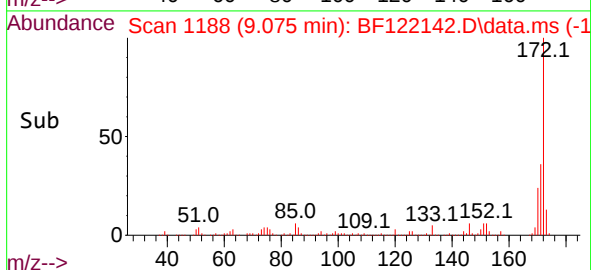
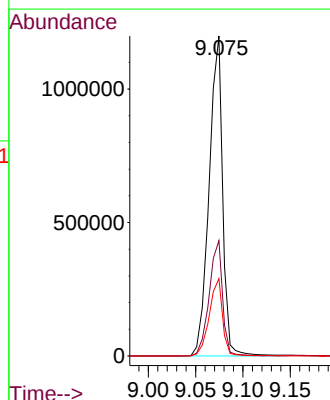
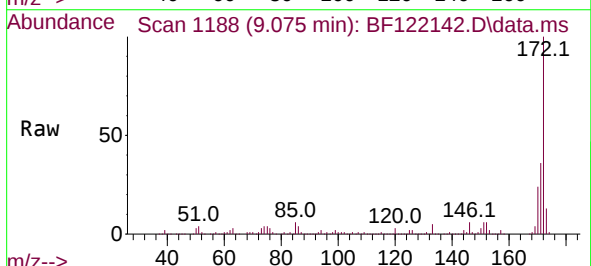
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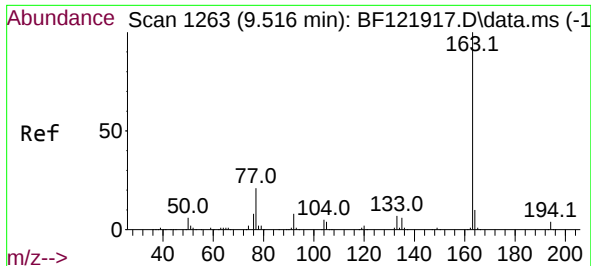
Tgt Ion:330 Resp: 315200
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 29.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 84.64 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

Tgt Ion:172 Resp: 1192012
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.2 19.8 29.6

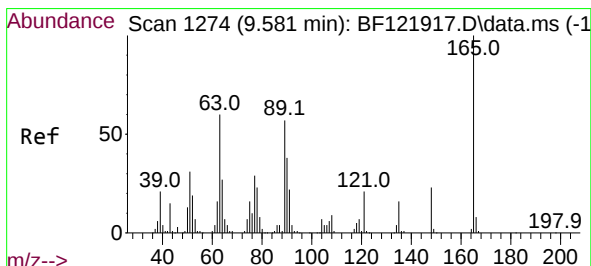
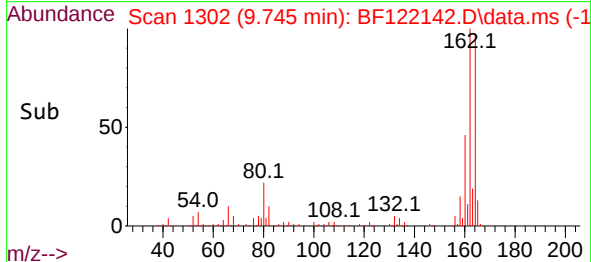
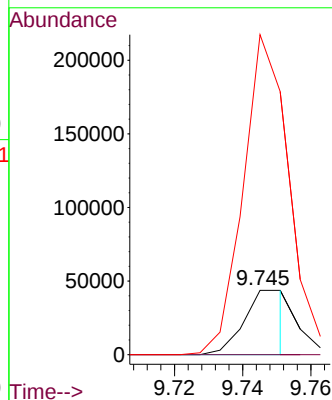
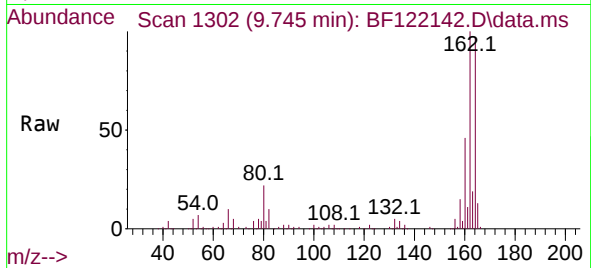




#50
Dimethylphthalate
Concen: 2.51 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.265 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

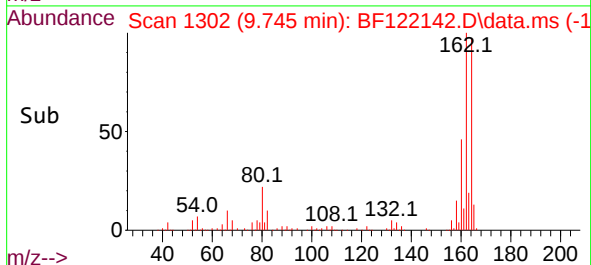
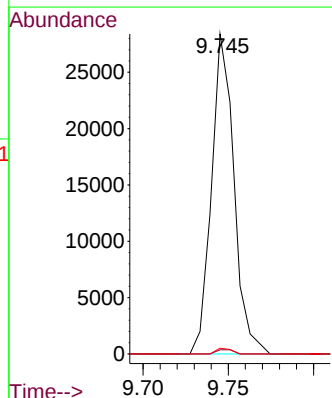
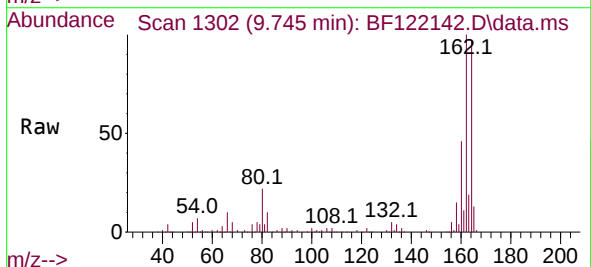
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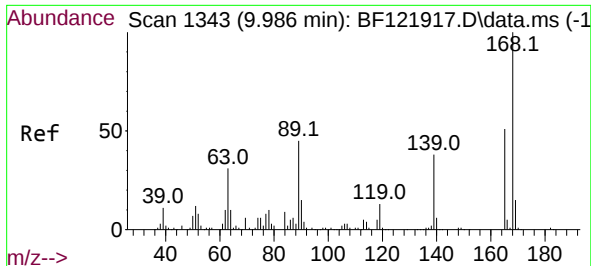
Tgt Ion:163 Resp: 38039
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 497.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

Tgt Ion:165 Resp: 26070
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.8 49.0 73.6#

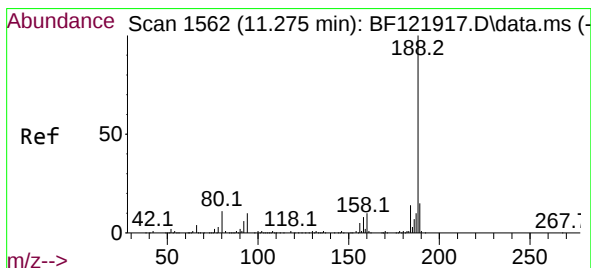
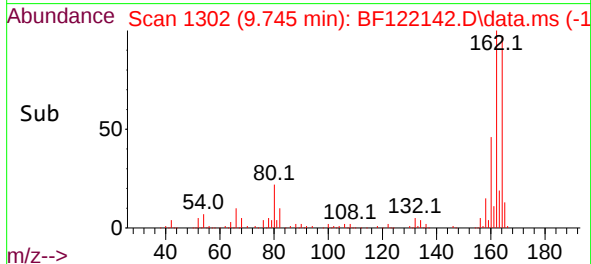
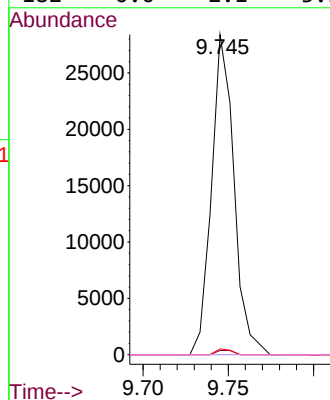
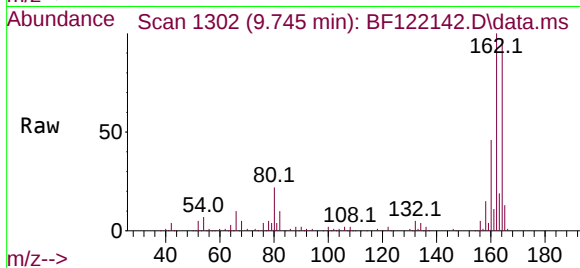




#57
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

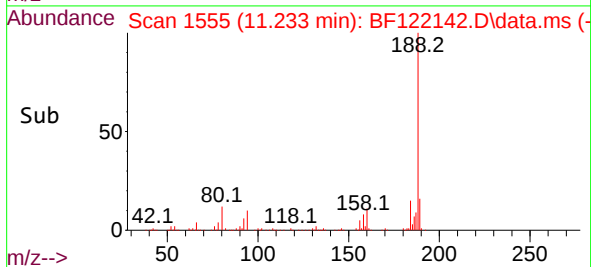
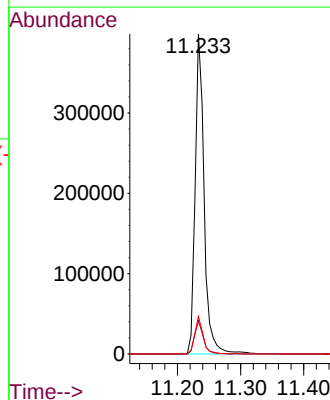
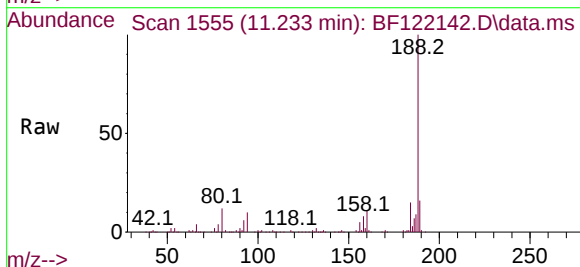
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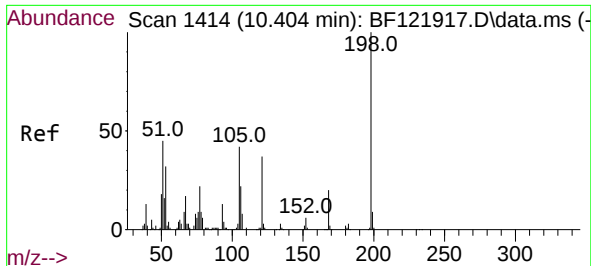
Tgt Ion:	165	Resp:	26070
Ion Ratio	Lower	Upper	
165	100		
63	1.3	41.3	61.9#
89	1.8	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

Tgt Ion:	188	Resp:	393491
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.3	12.5
80	11.8	9.1	13.7

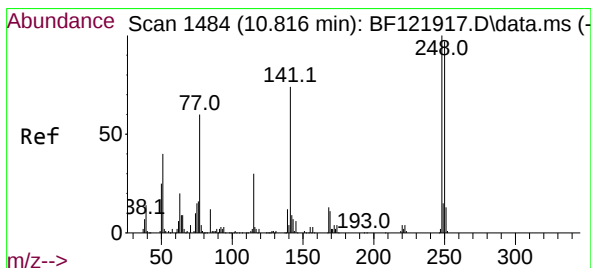
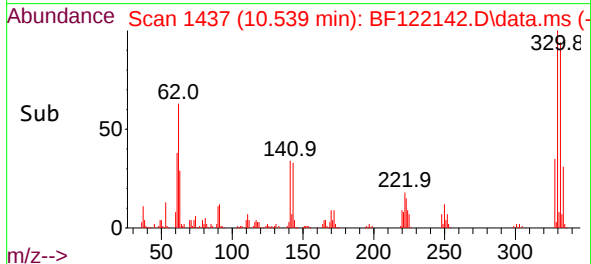
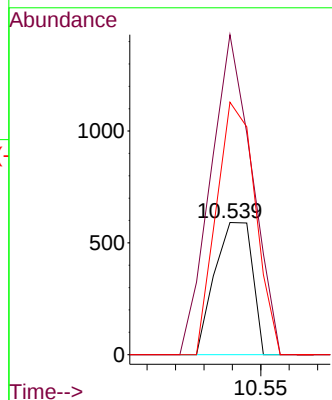
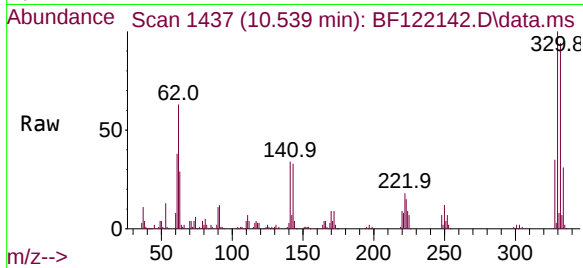




#65
4,6-Dinitro-2-methylphenol
Concen: 4.62 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

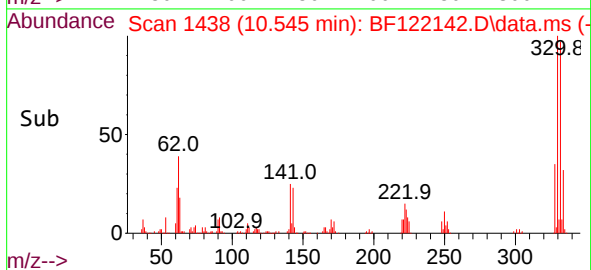
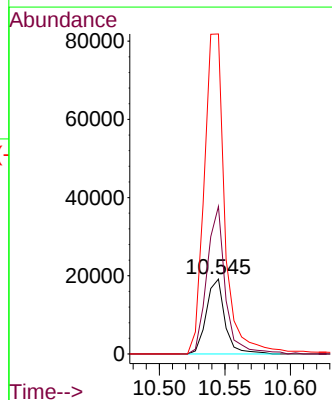
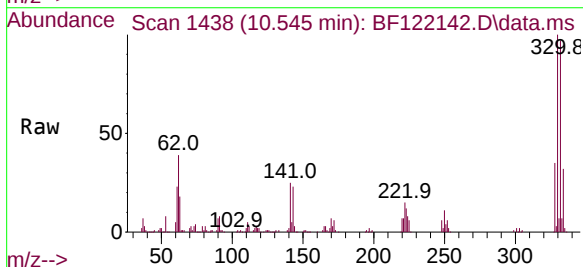
Instrument :
BNA_F
ClientSampleId :
PB132643BL

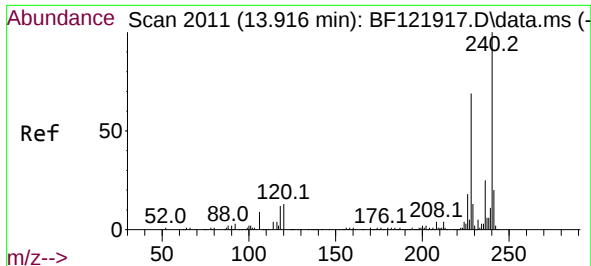
Tgt Ion:198 Resp: 541
Ion Ratio Lower Upper
198 100
51 242.1 29.6 69.6#
105 191.0 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.230 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

Tgt Ion:248 Resp: 18913
Ion Ratio Lower Upper
248 100
250 197.1 77.0 115.6#
141 427.3 53.7 80.5#

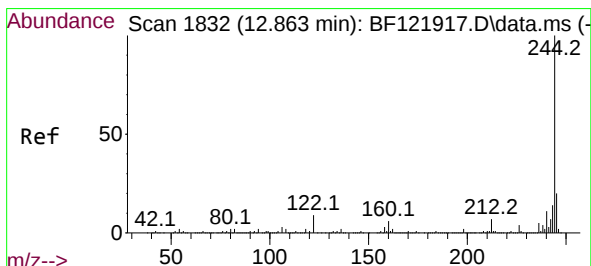
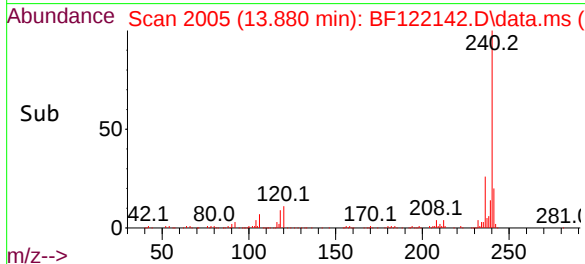
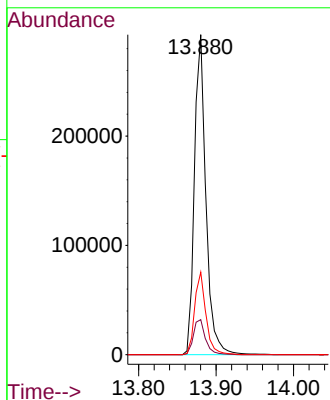
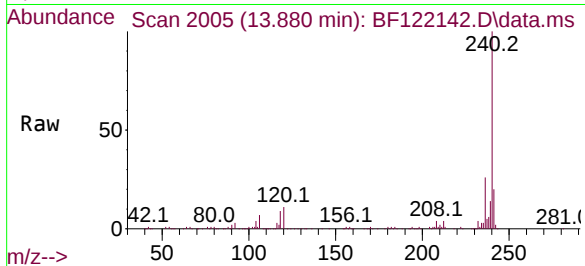




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

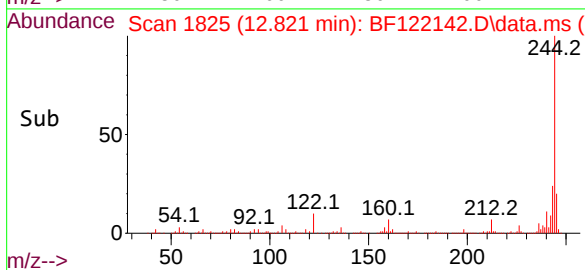
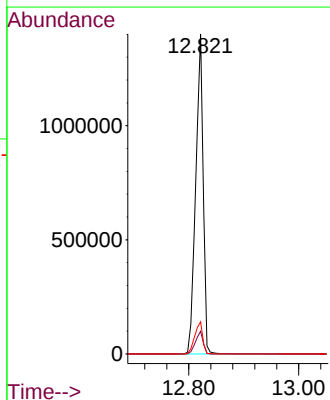
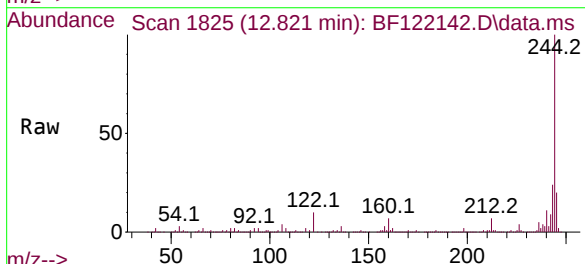
Instrument :
BNA_F
ClientSampleId :
PB132643BL

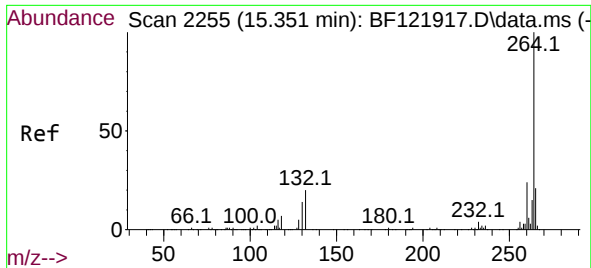
Tgt Ion:240 Resp: 301870
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 83.14 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122142.D
Acq: 28 Oct 2020 11:03

Tgt Ion:244 Resp: 1316928
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: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122142.D
 Acq: 28 Oct 2020 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB132643BL

Tgt Ion:264 Resp: 255496
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.4 17.3 25.9

