

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122144.D
 Acq On : 28 Oct 2020 13:19
 Operator : JU/CG
 Sample : L4530-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124021

Quant Time: Oct 28 14:16:12 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)

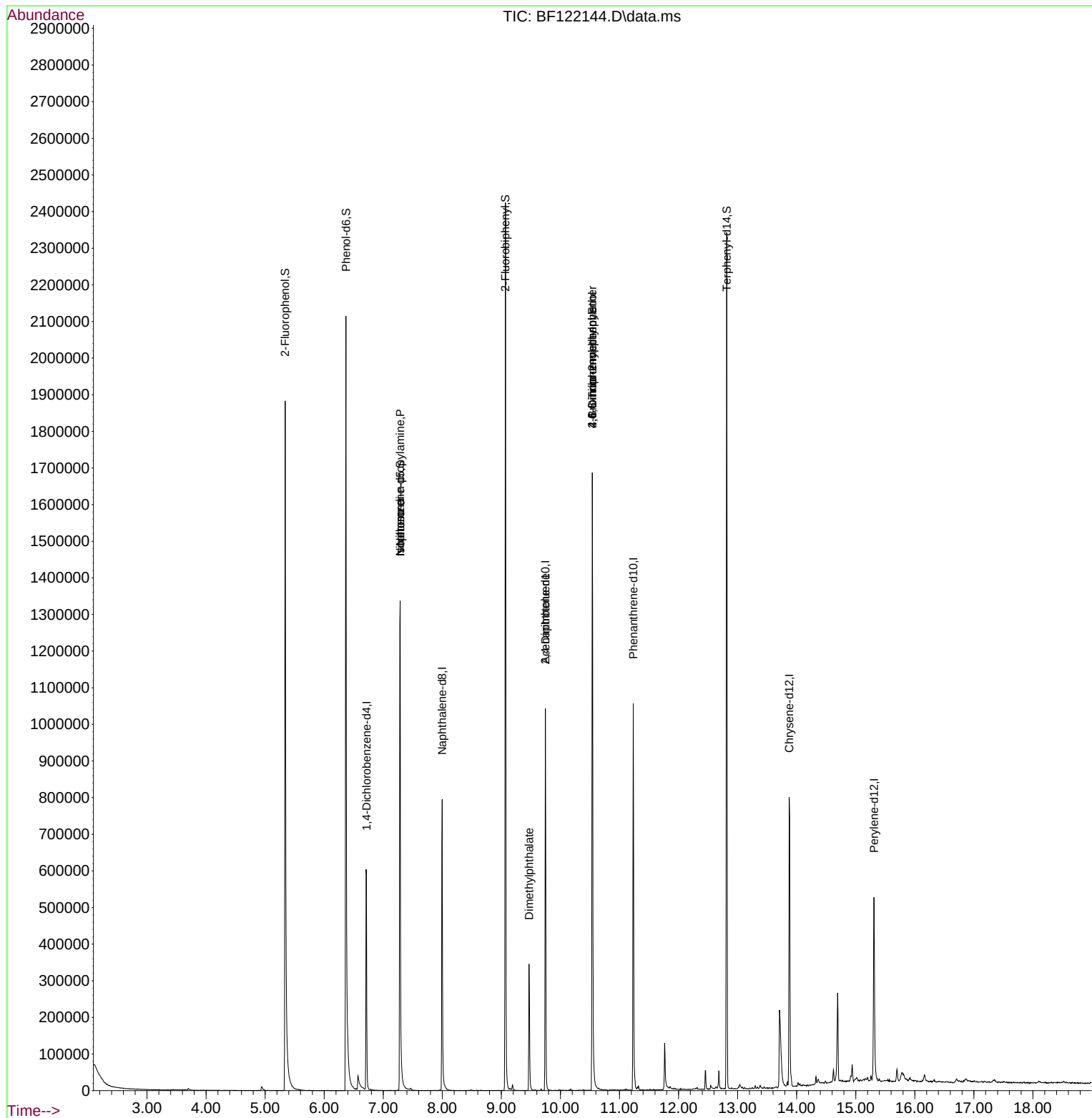
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	96497	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	383743	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	198750	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	386274	20.00	ng	0.00
76) Chrysene-d12	13.874	240	297901	20.00	ng	0.00
86) Perylene-d12	15.309	264	238381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	617172	94.40	ng	0.00
7) Phenol-d6	6.369	99	778846	92.54	ng	0.00
23) Nitrobenzene-d5	7.286	82	499120	66.70	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	233029	94.78	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	725194	53.69	ng	0.00
79) Terphenyl-d14	12.816	244	709060	45.36	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	869	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.286	70	67905	14.17	ng	# 77
25) Isophorone	7.286	82	499115	35.28	ng	# 67
50) Dimethylphthalate	9.469	163	142839	9.83	ng	99
57) 2,4-Dinitrotoluene	9.745	165	24925	6.35	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	327	4.55	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	13692	3.07	ng	# 1

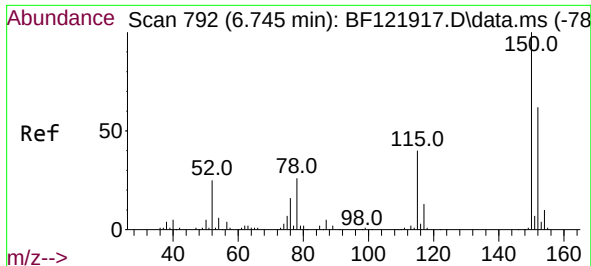
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 17:27:32 2020
Response via : Initial Calibration

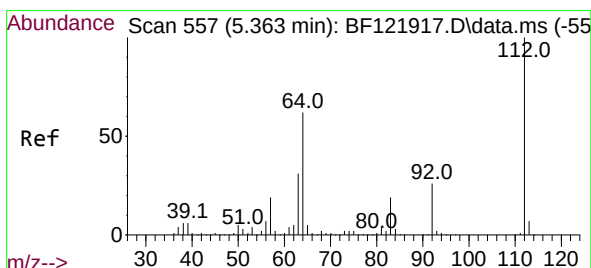
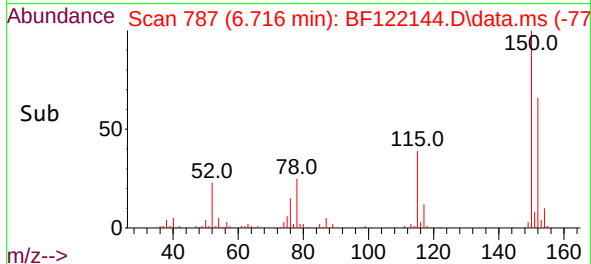
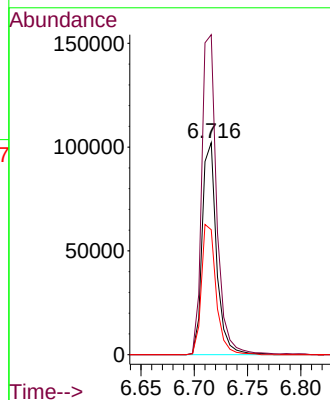
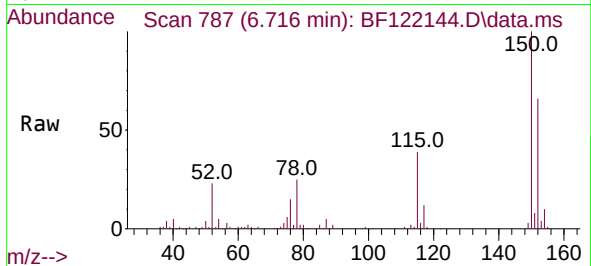




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

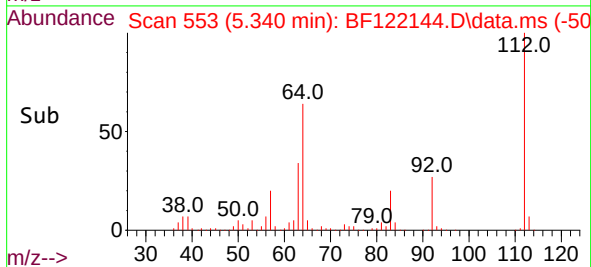
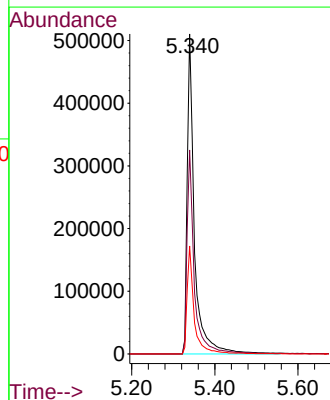
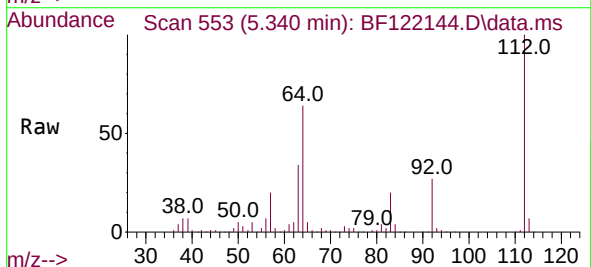
Instrument :
BNA_F
ClientSampleId :
124021

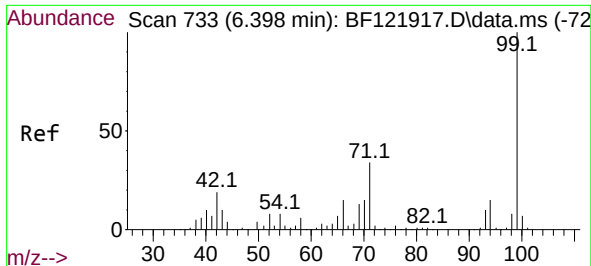
Tgt Ion:152 Resp: 96497
Ion Ratio Lower Upper
152 100
150 151.0 125.3 187.9
115 59.0 51.9 77.9



#5
2-Fluorophenol
Concen: 94.40 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

Tgt Ion:112 Resp: 617172
Ion Ratio Lower Upper
112 100
64 63.8 50.4 75.6
63 33.8 25.8 38.6

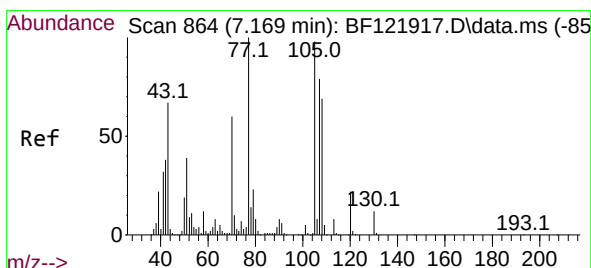
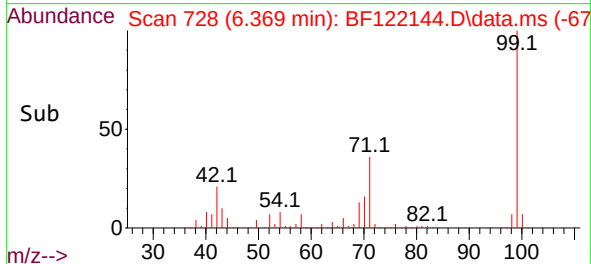
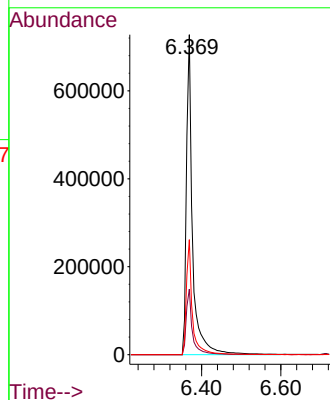
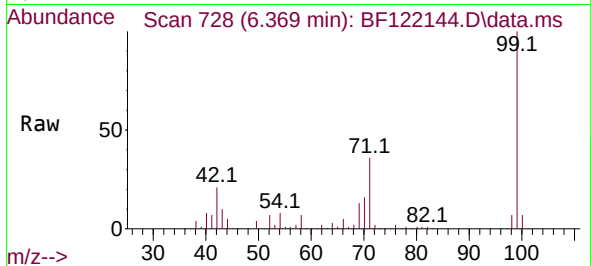




#7
Phenol-d6
Concen: 92.54 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

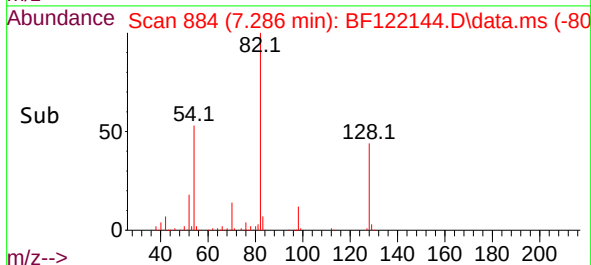
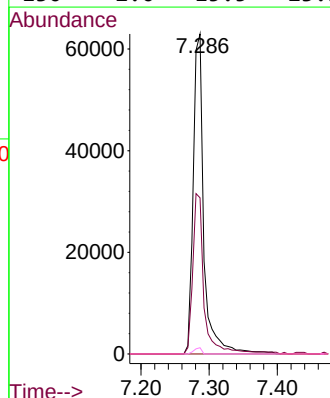
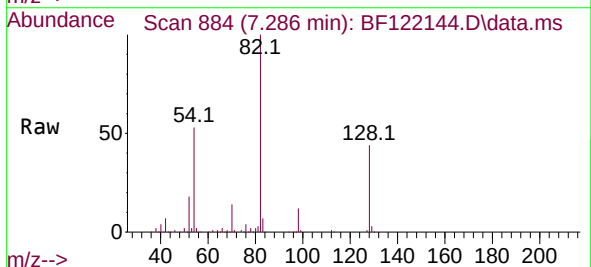
Instrument :
BNA_F
ClientSampled :
124021

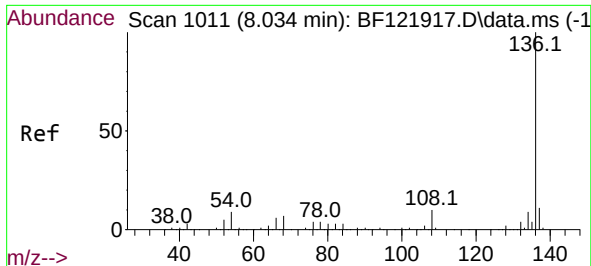
Tgt Ion: 99 Resp: 778846
Ion Ratio Lower Upper
99 100
42 20.5 15.9 23.9
71 36.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.17 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

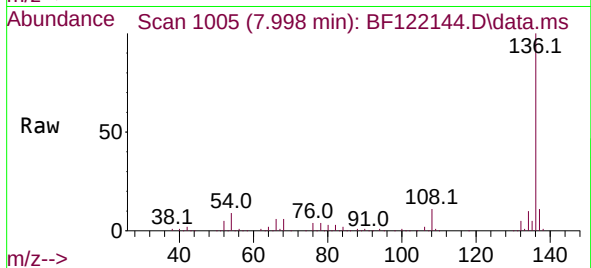
Tgt Ion: 70 Resp: 67905
Ion Ratio Lower Upper
70 100
42 48.8 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



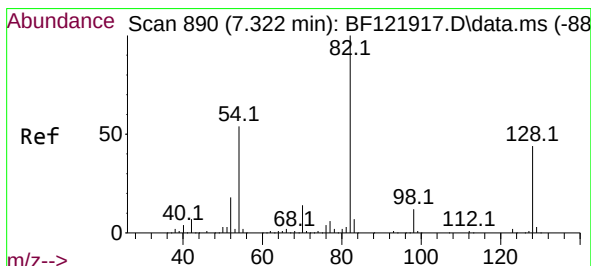
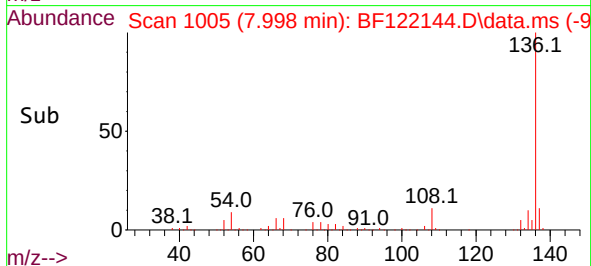
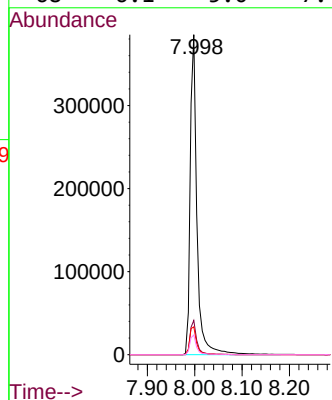


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

Instrument :
BNA_F
ClientSampleId :
124021

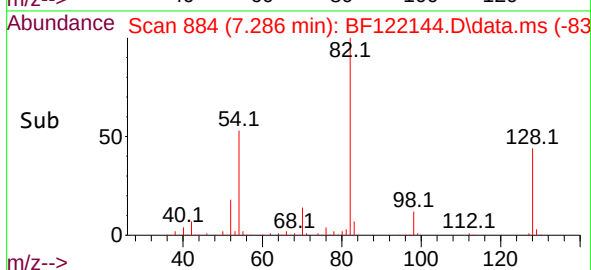
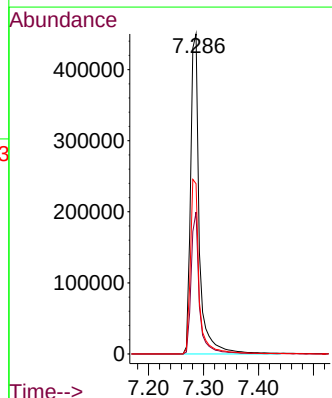
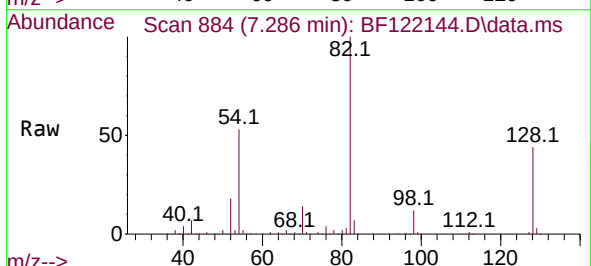


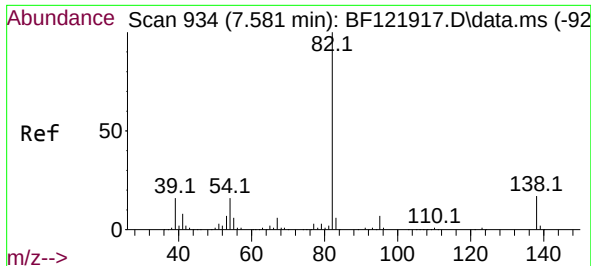
Tgt Ion:136 Resp: 383743
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 7.1 10.7
68 6.1 5.0 7.4



#23
Nitrobenzene-d5
Concen: 66.70 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

Tgt Ion: 82 Resp: 499120
Ion Ratio Lower Upper
82 100
128 44.3 35.0 52.4
54 53.2 43.9 65.9

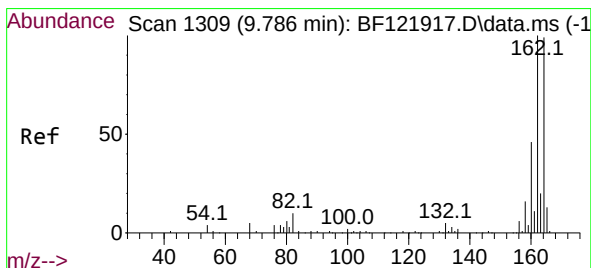
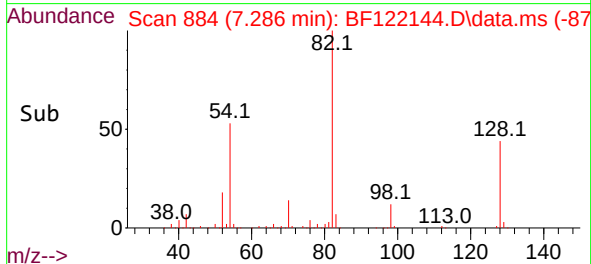
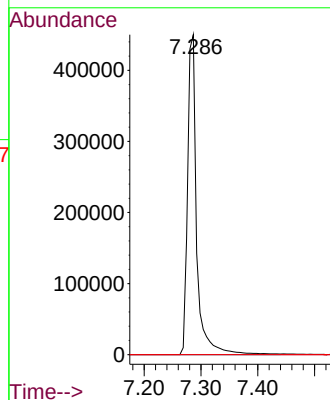
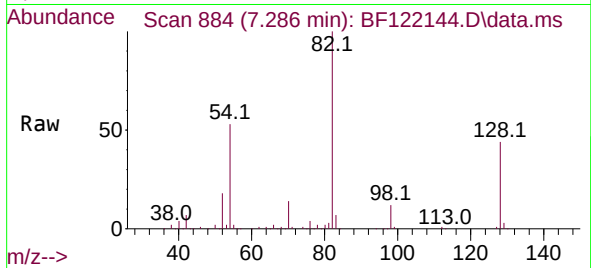




#25
Isophorone
Concen: 35.28 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

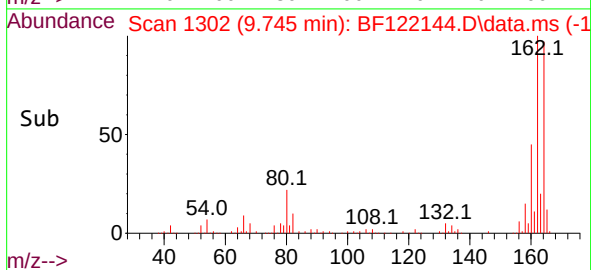
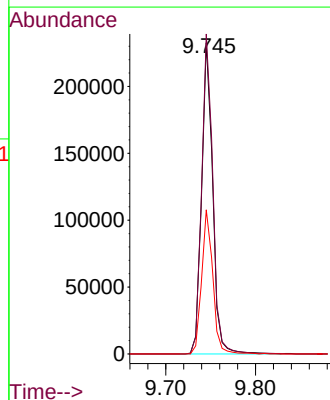
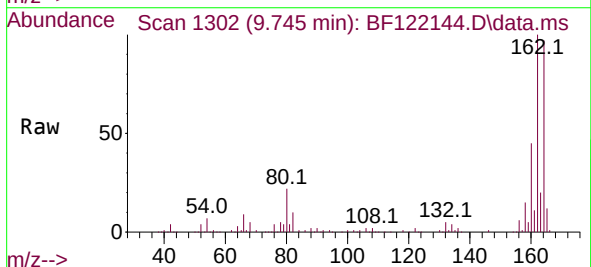
Instrument :
BNA_F
ClientSampleId :
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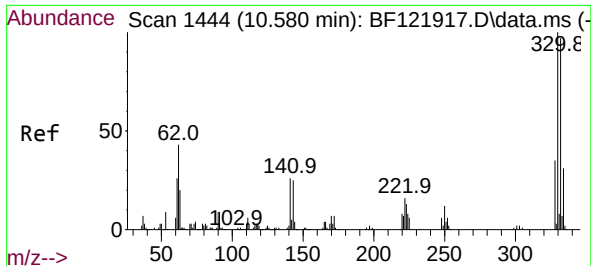
Tgt Ion: 82 Resp: 499115
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

Tgt Ion:164 Resp: 198750
Ion Ratio Lower Upper
164 100
162 102.8 83.2 124.8
160 46.3 37.5 56.3

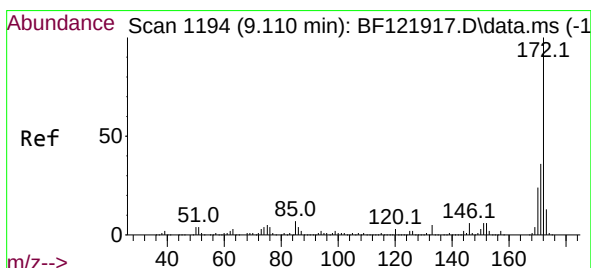
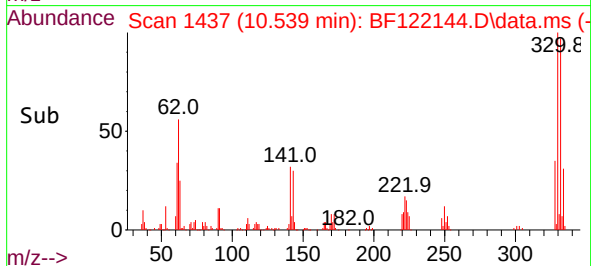
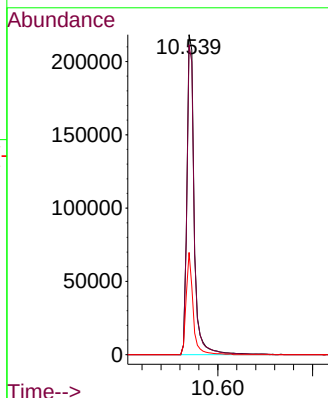
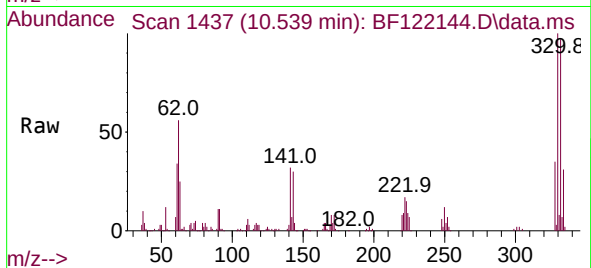




#42
2,4,6-Tribromophenol
Concen: 94.78 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

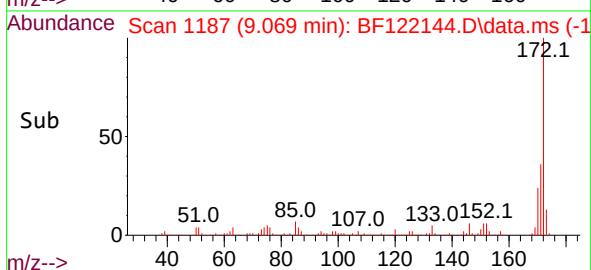
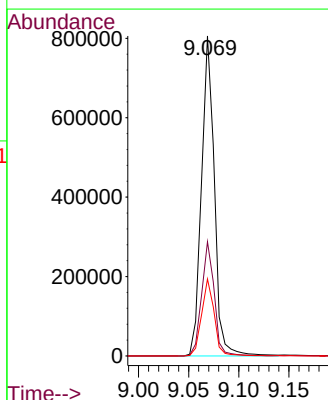
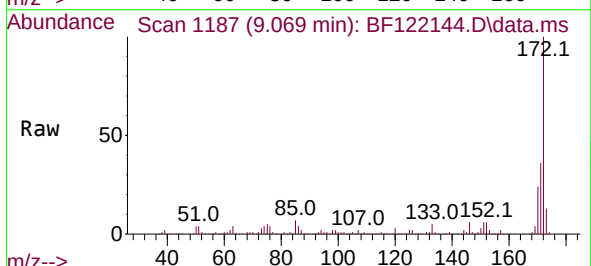
Instrument :
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ClientSampleId :
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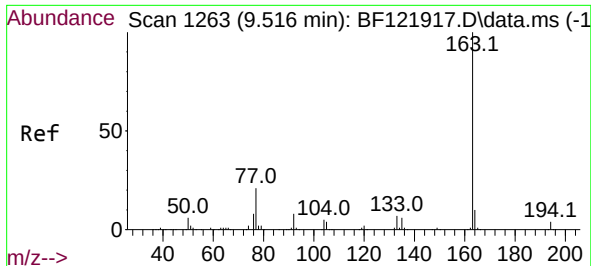
Tgt Ion:330 Resp: 233029
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 29.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 53.69 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

Tgt Ion:172 Resp: 725194
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 24.1 19.8 29.6

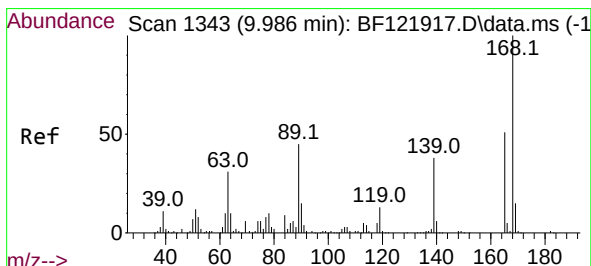
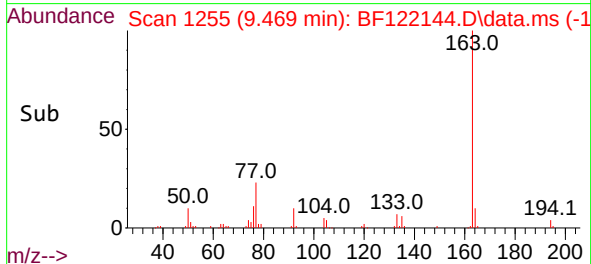
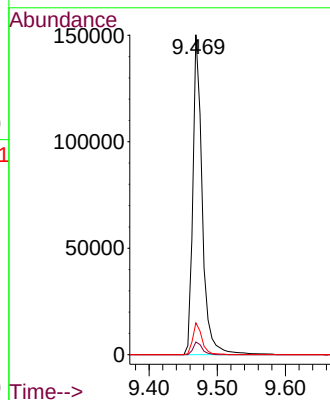
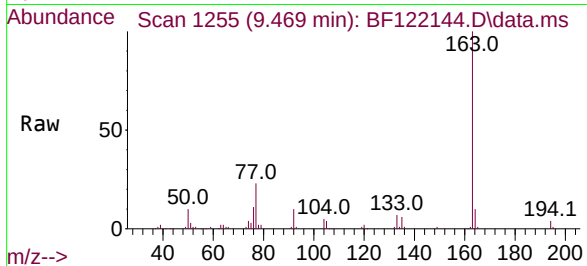




#50
Dimethylphthalate
Concen: 9.83 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

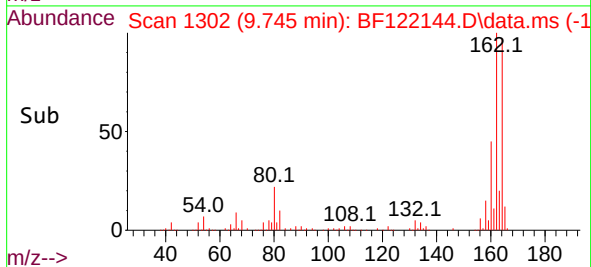
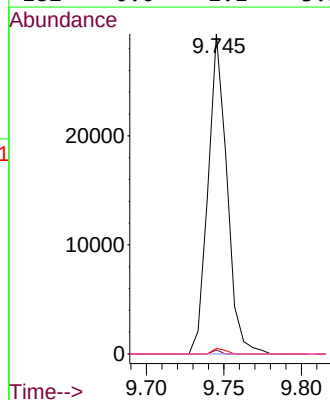
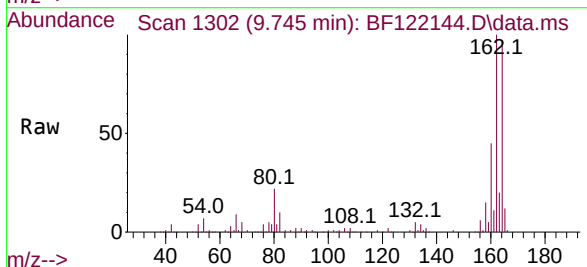
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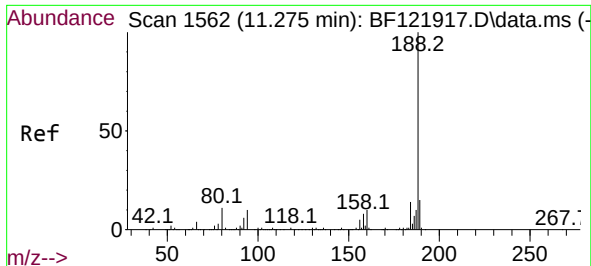
Tgt Ion:163 Resp: 142839
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

Tgt Ion:165 Resp: 24925
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#

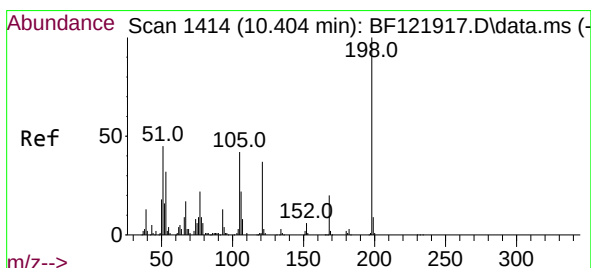
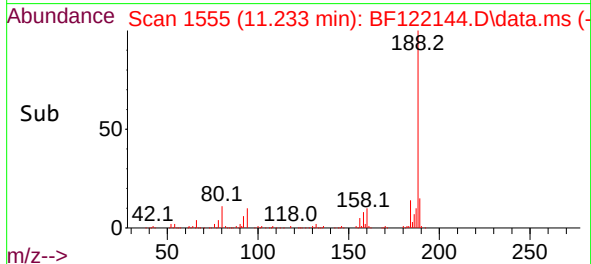
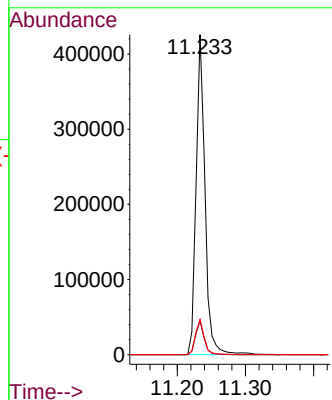
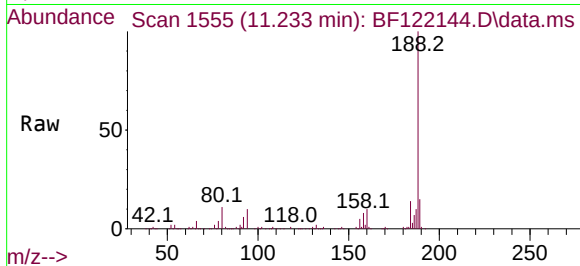




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

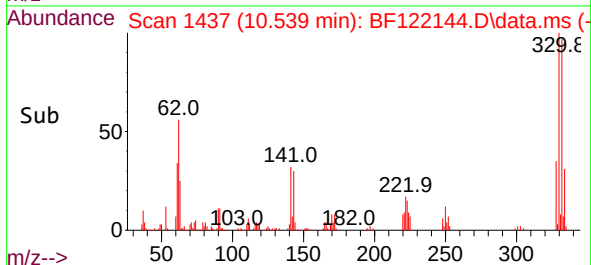
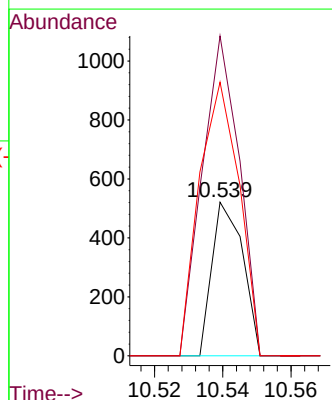
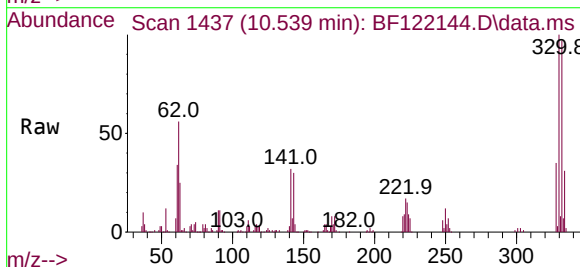
Instrument :
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124021

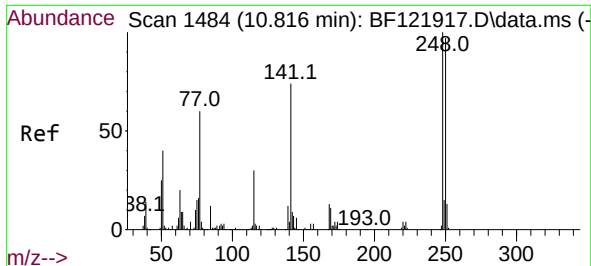
Tgt Ion:188 Resp: 386274
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.0 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

Tgt Ion:198 Resp: 327
Ion Ratio Lower Upper
198 100
51 208.3 29.6 69.6#
105 178.1 24.4 64.4#

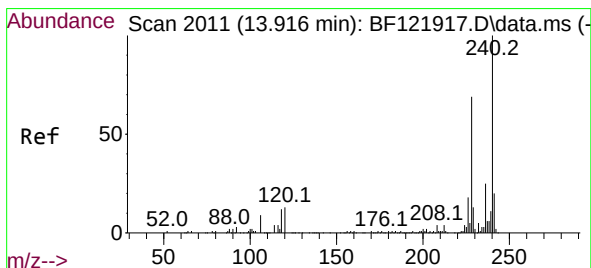
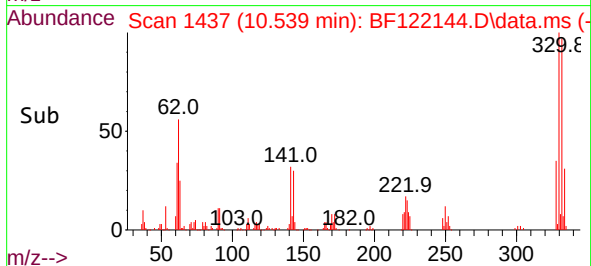
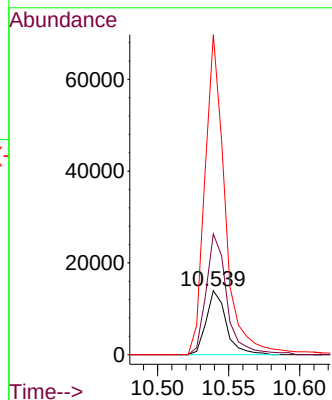
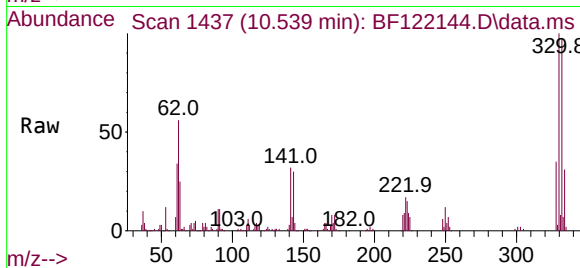




#67
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

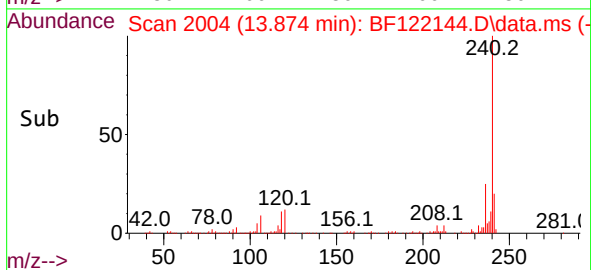
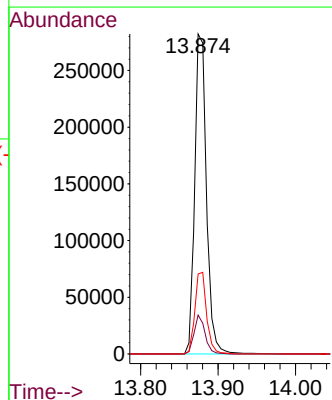
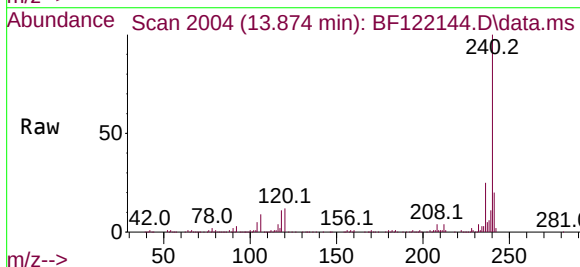
Instrument :
BNA_F
ClientSampled :
124021

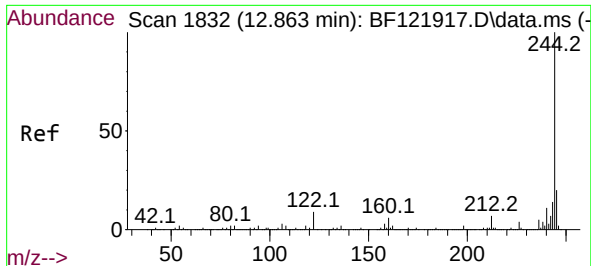
Tgt Ion:248 Resp: 13692
Ion Ratio Lower Upper
248 100
250 189.0 77.0 115.6#
141 500.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122144.D
Acq: 28 Oct 2020 13:19

Tgt Ion:240 Resp: 297901
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.0 20.9 31.3

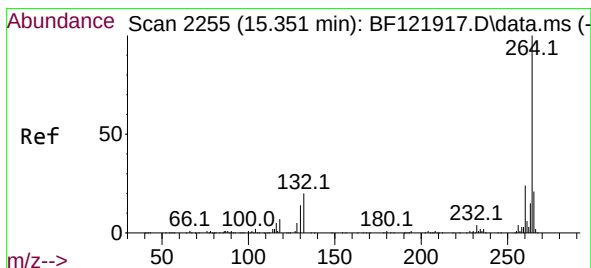
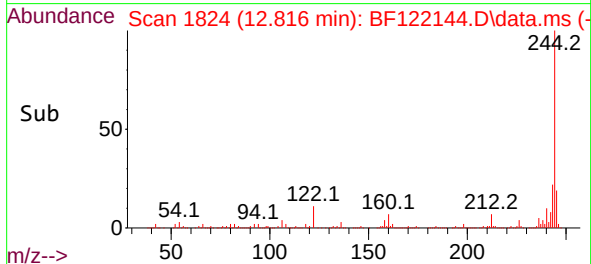
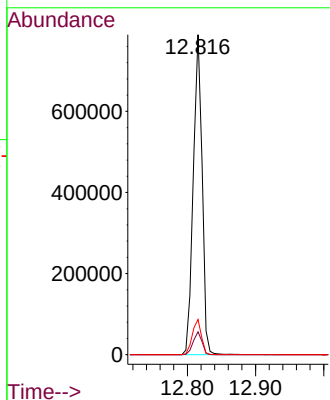
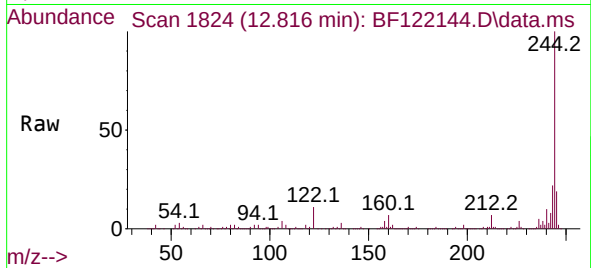




#79
 Terphenyl-d14
 Concen: 45.36 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122144.D
 Acq: 28 Oct 2020 13:19

Instrument :
 BNA_F
 ClientSampleId :
 124021

Tgt Ion:244 Resp: 709060
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.309 min Scan# 2248
 Delta R.T. 0.006 min
 Lab File: BF122144.D
 Acq: 28 Oct 2020 13:19

Tgt Ion:264 Resp: 238381
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.7 17.3 25.9

