

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122101.D
 Acq On : 23 Oct 2020 16:17
 Operator : JU/CG
 Sample : L4458-02RX
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-DRUM

Quant Time: Oct 23 16:39:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

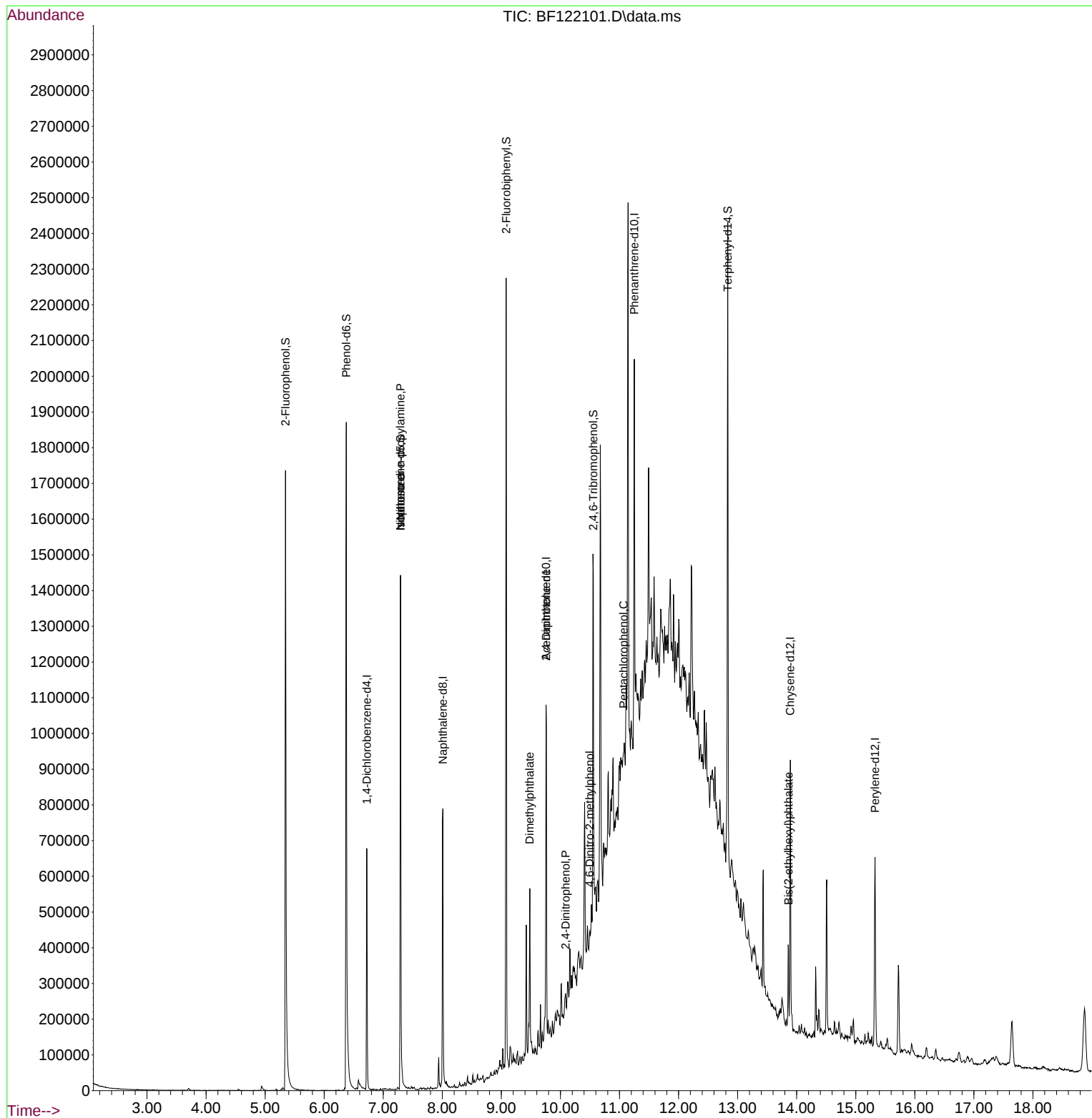
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	94668	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	380638	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	191189	20.00	ng	0.00
64) Phenanthrene-d10	11.251	188	314275	20.00	ng	0.00
76) Chrysene-d12	13.892	240	234718	20.00	ng	0.00
86) Perylene-d12	15.327	264	229832	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	545079	84.98	ng	0.00
7) Phenol-d6	6.375	99	697849	84.52	ng	0.00
23) Nitrobenzene-d5	7.292	82	462340	62.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	147645	62.43	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	676415	52.06	ng	0.00
79) Terphenyl-d14	12.833	244	522095	42.39	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	1179	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.292	70	62809	13.36	ng	# 80
25) Isophorone	7.292	82	453895	32.34	ng	# 67
50) Dimethylphthalate	9.480	163	123908	8.86	ng	99
54) 2,4-Dinitrophenol	10.086	184	116	8.75	ng	# 1
57) 2,4-Dinitrotoluene	9.757	165	26179	6.93	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.498	198	263	4.55	ng	# 1
70) Pentachlorophenol	11.069	266	112	8.01	ng	# 18
84) Bis(2-ethylhexyl)phtha...	13.863	149	65140	6.76	ng	99

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

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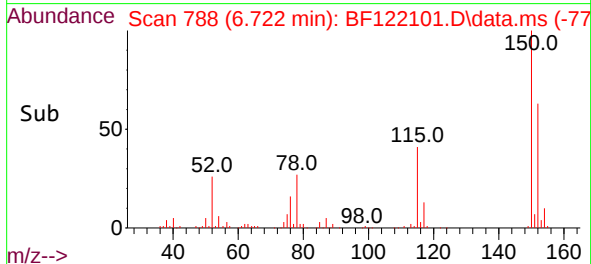
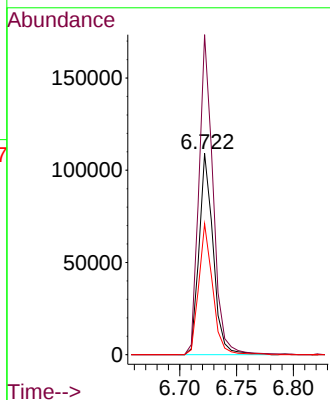
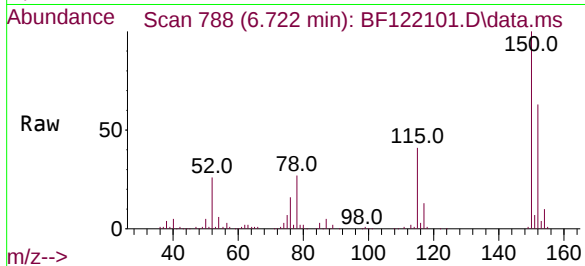




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

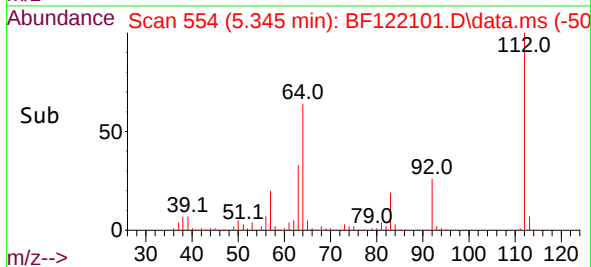
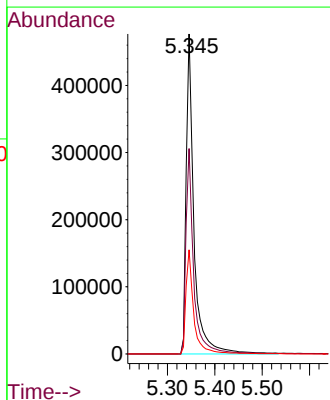
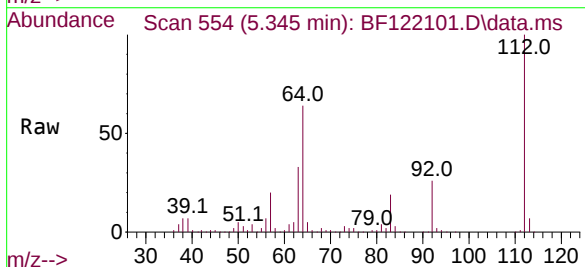
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

Tgt Ion:152 Resp: 94668
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 65.0 51.9 77.9



#5
2-Fluorophenol
Concen: 84.98 ng
RT: 5.345 min Scan# 554
Delta R.T. -0.000 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Tgt Ion:112 Resp: 545079
Ion Ratio Lower Upper
112 100
64 64.2 50.4 75.6
63 32.5 25.8 38.6

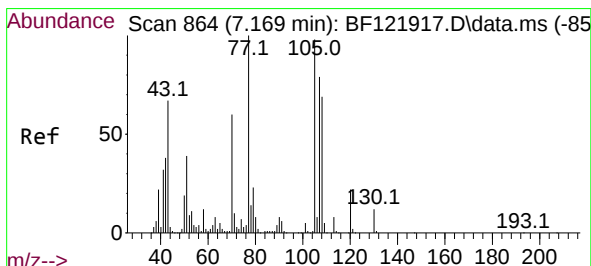
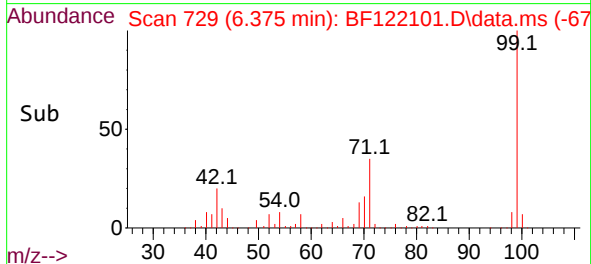
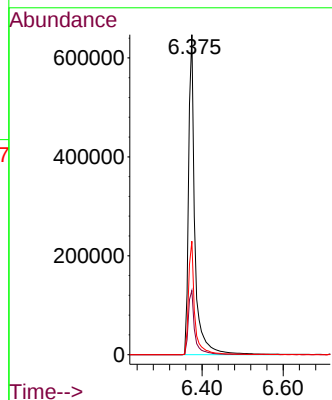
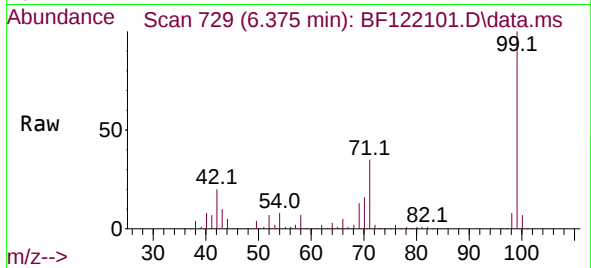




#7
Phenol-d6
Concen: 84.52 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

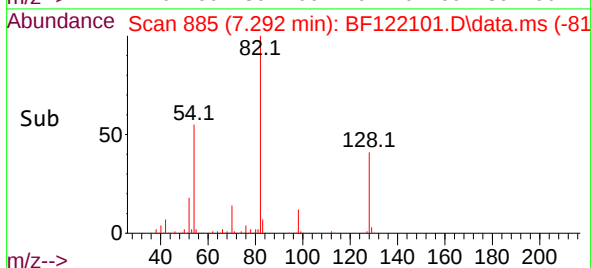
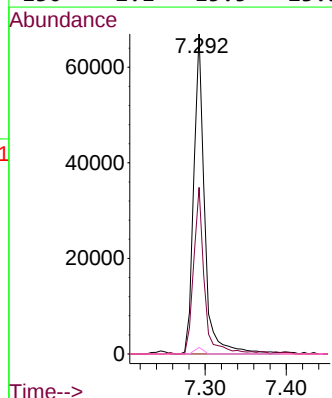
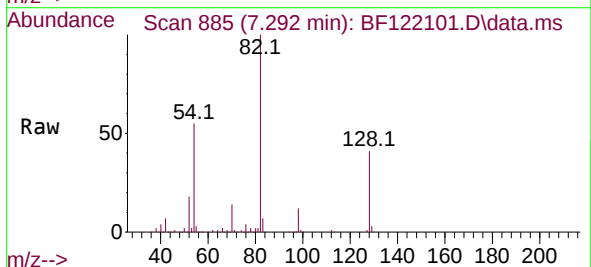
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BNA_F
ClientSampleId :
BS-DRUM

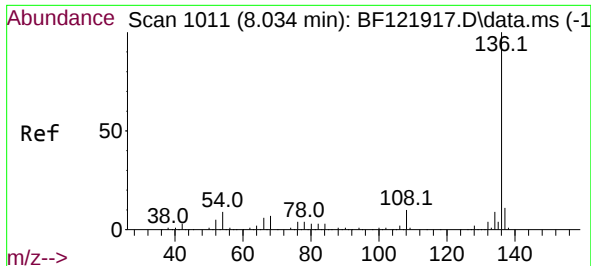
Tgt Ion: 99 Resp: 697849
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 35.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.36 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.135 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Tgt Ion: 70 Resp: 62809
Ion Ratio Lower Upper
70 100
42 52.0 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



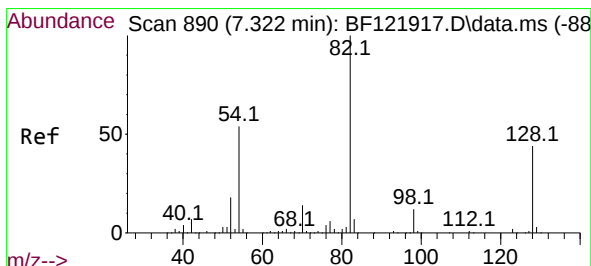
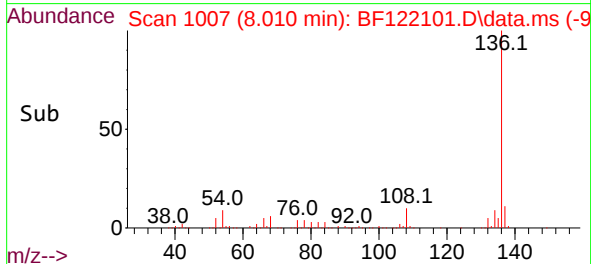
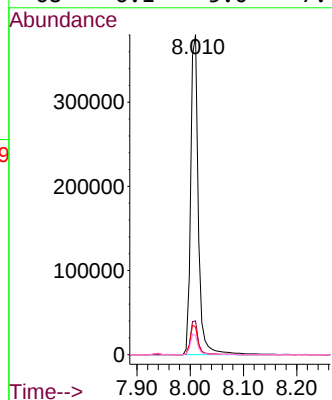
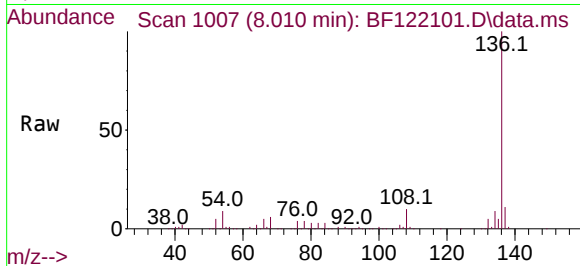


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Instrument :
BNA_F
ClientSampleId :
BS-DRUM

Tgt Ion:136 Resp: 380638

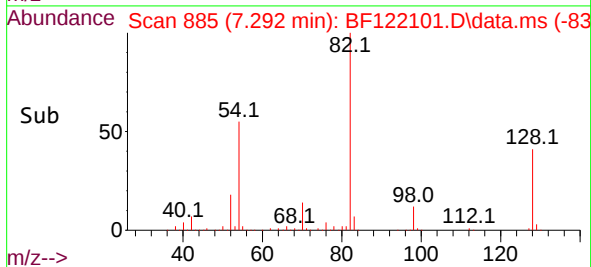
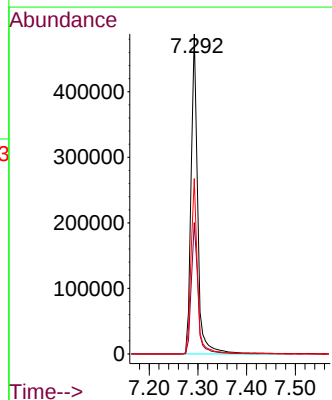
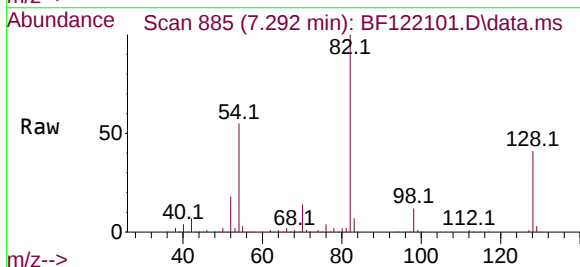
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.6	7.1	10.7
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 62.29 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Tgt Ion: 82 Resp: 462340

Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.0	52.4
54	54.8	43.9	65.9

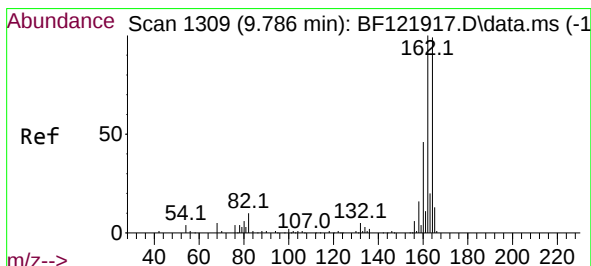
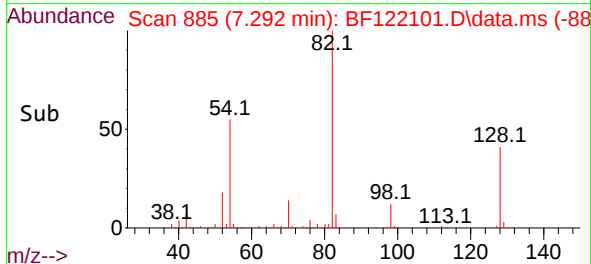
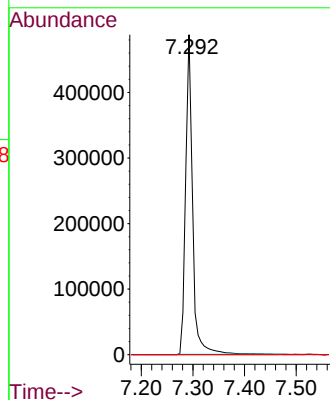
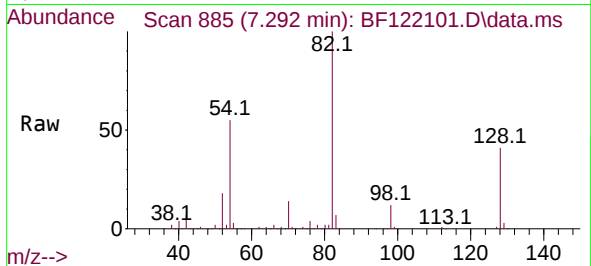




#25
Isophorone
Concen: 32.34 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.271 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

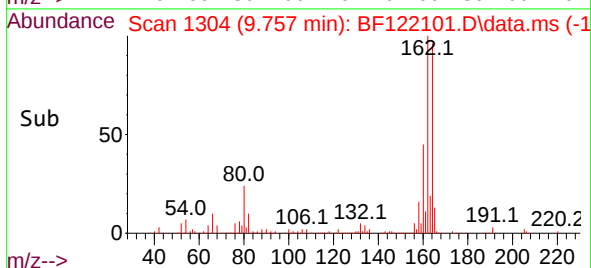
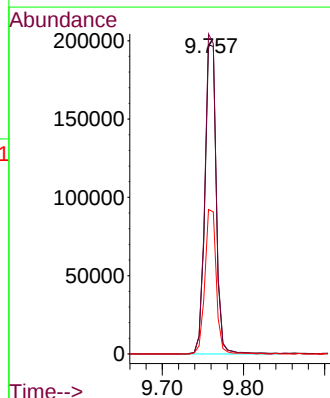
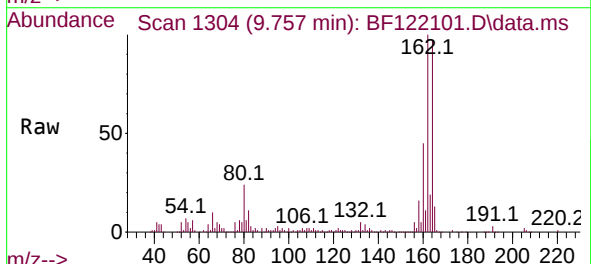
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

Tgt Ion: 82 Resp: 453895
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: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Tgt Ion: 164 Resp: 191189
Ion Ratio Lower Upper
164 100
162 103.5 83.2 124.8
160 46.7 37.5 56.3

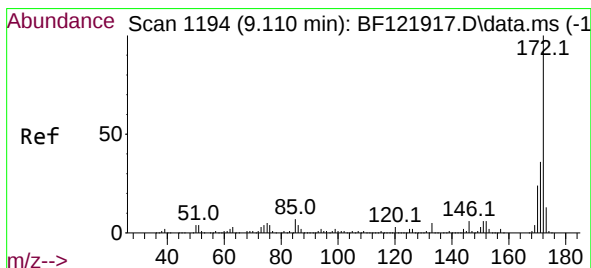
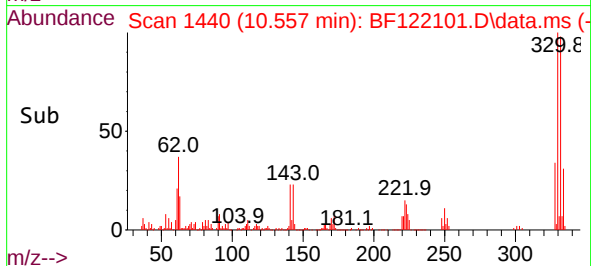
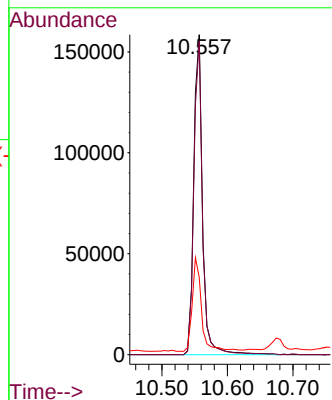
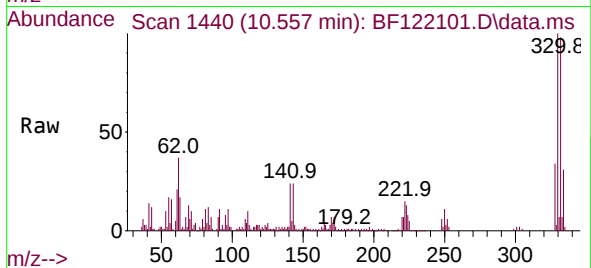




#42
2,4,6-Tribromophenol
Concen: 62.43 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

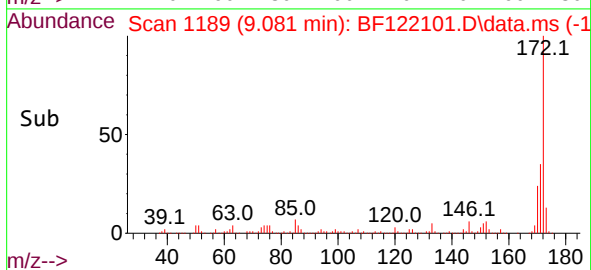
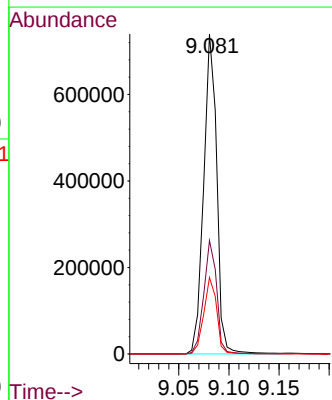
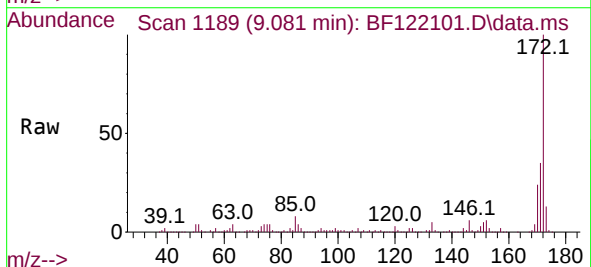
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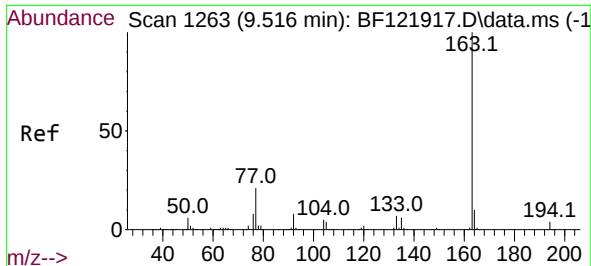
Tgt Ion:330 Resp: 147645
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 52.06 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Tgt Ion:172 Resp: 676415
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.9 19.8 29.6

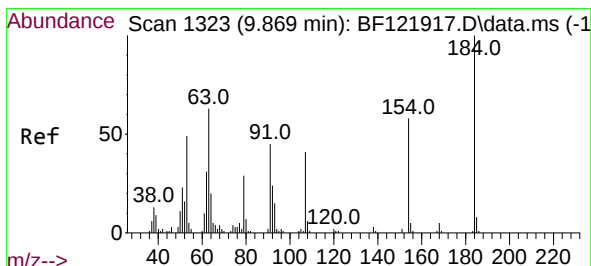
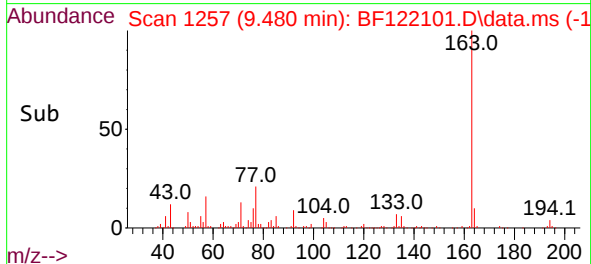
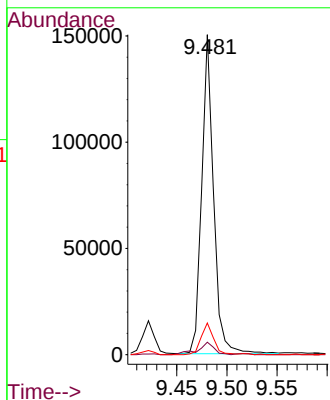
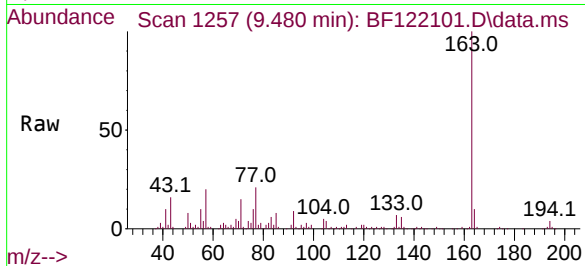




#50
Dimethylphthalate
Concen: 8.86 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

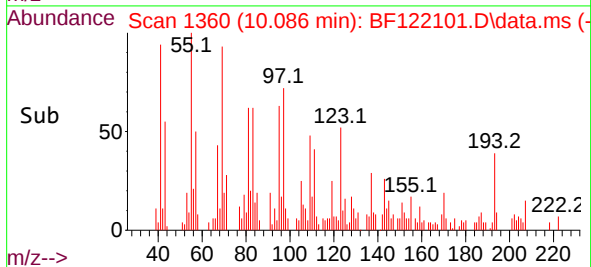
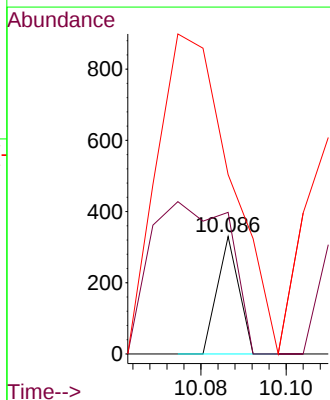
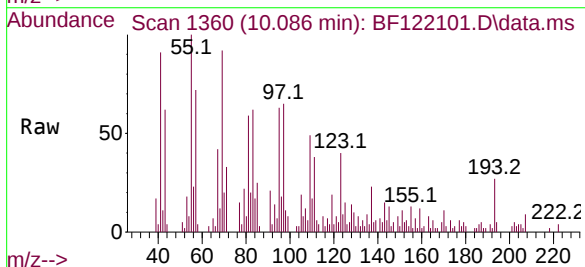
Instrument :
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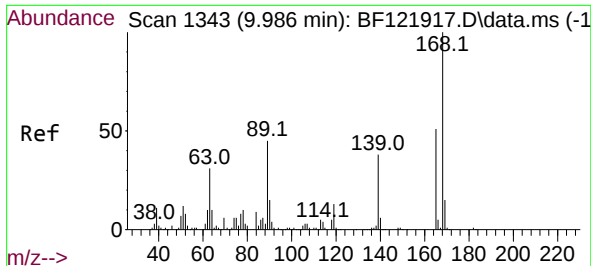
Tgt Ion:163 Resp: 123908
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 8.2 12.4



#54
2,4-Dinitrophenol
Concen: 8.75 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.235 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Tgt Ion:184 Resp: 116
Ion Ratio Lower Upper
184 100
63 120.6 45.9 68.9#
154 152.7 45.8 68.6#

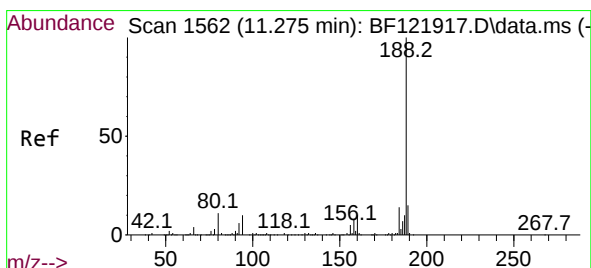
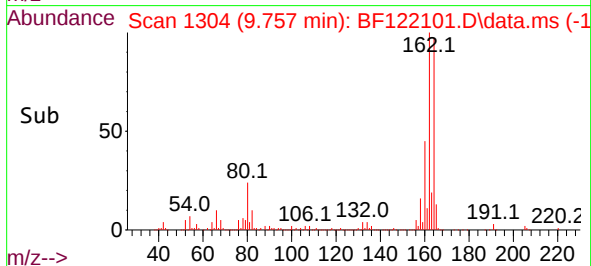
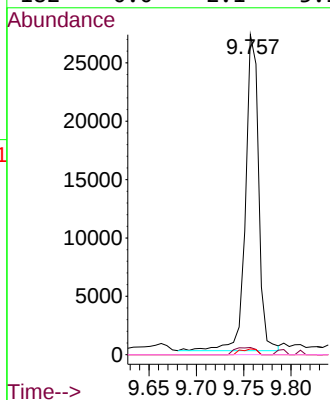
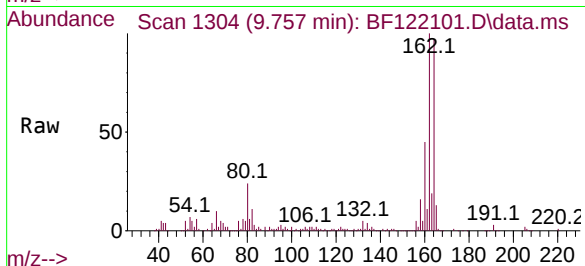




#57
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

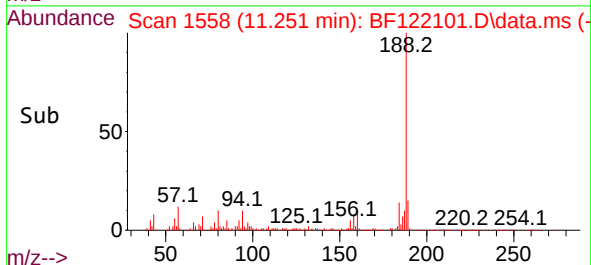
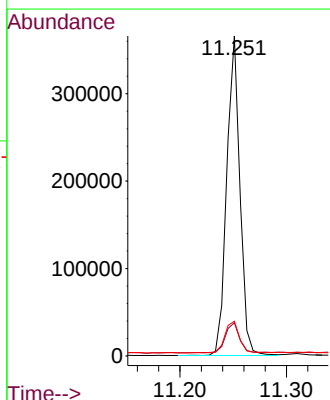
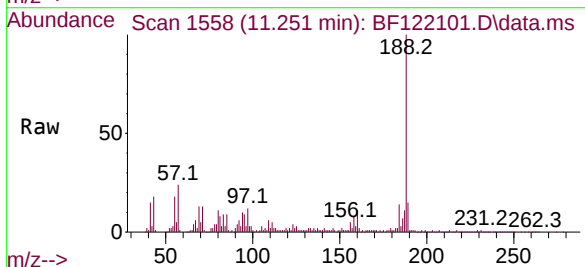
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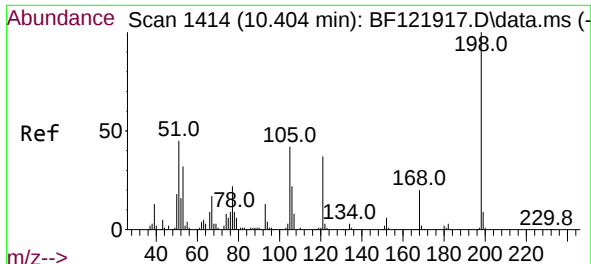
Tgt Ion:165 Resp: 26179
Ion Ratio Lower Upper
165 100
63 2.3 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Tgt Ion:188 Resp: 314275
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.9 9.1 13.7

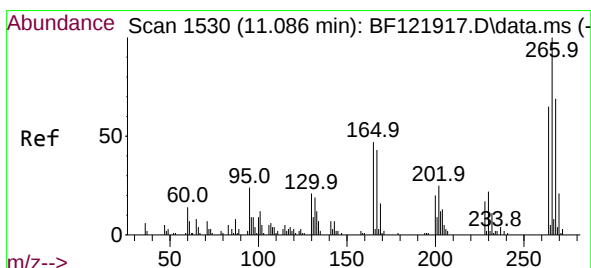
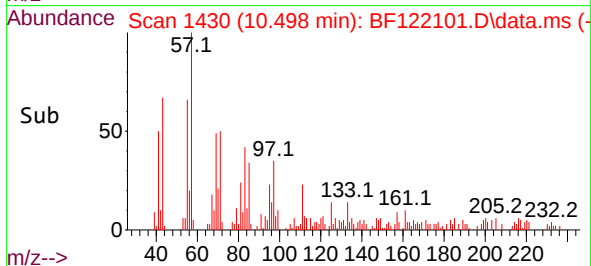
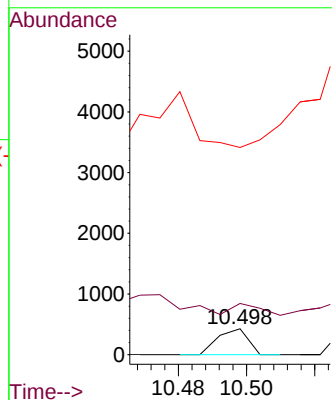
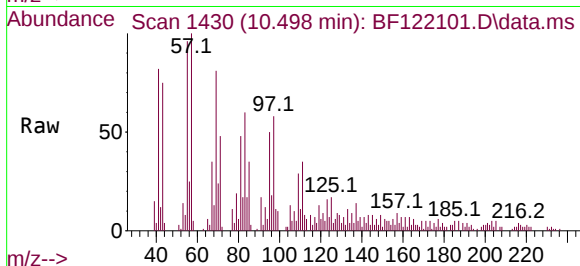




#65
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.112 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

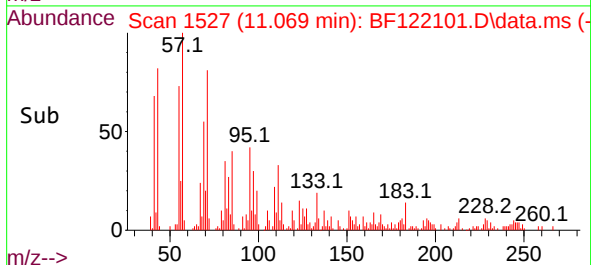
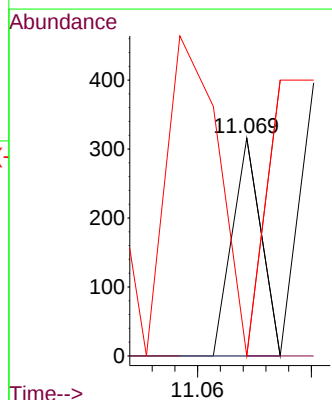
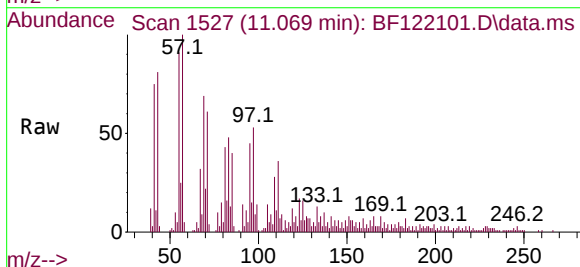
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

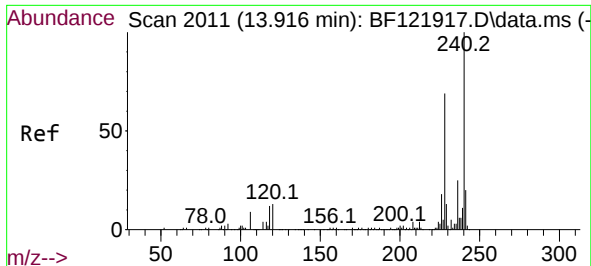
Tgt Ion:198 Resp: 263
Ion Ratio Lower Upper
198 100
51 198.4 29.6 69.6#
105 801.4 24.4 64.4#



#70
Pentachlorophenol
Concen: 8.01 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Tgt Ion:266 Resp: 112
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 0.0 49.9 74.9#

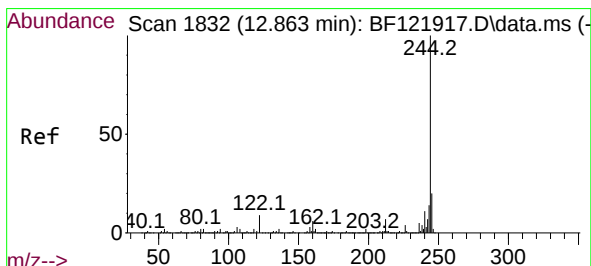
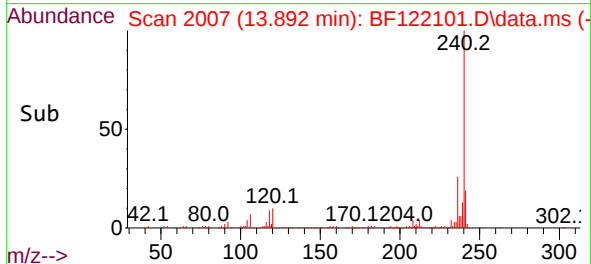
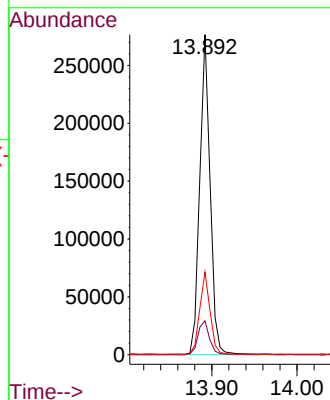
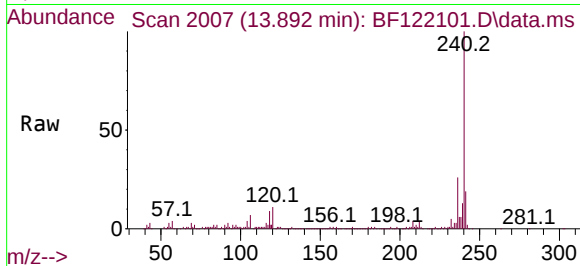




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

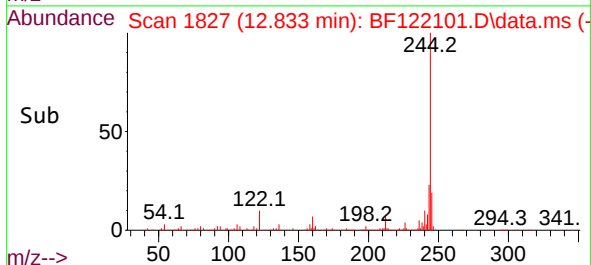
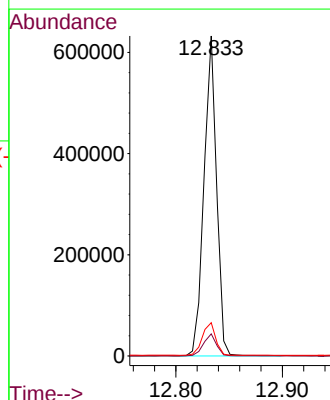
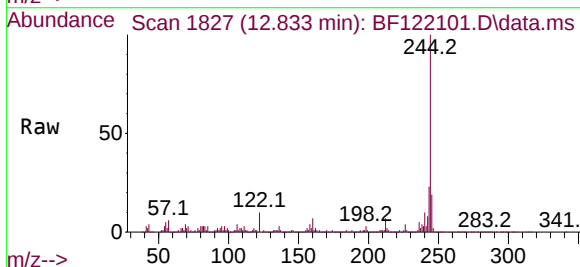
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

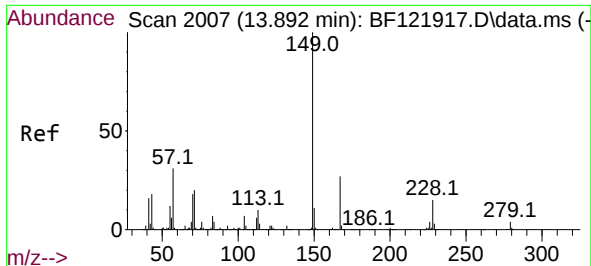
Tgt Ion:240 Resp: 234718
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 42.39 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Tgt Ion:244 Resp: 522095
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.4 8.1 12.1

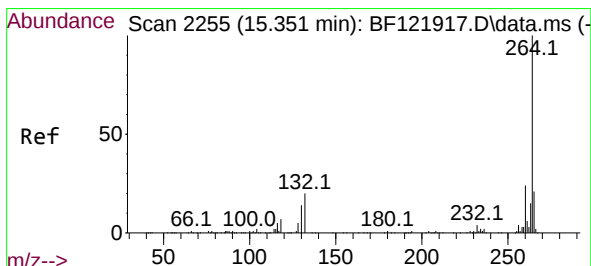
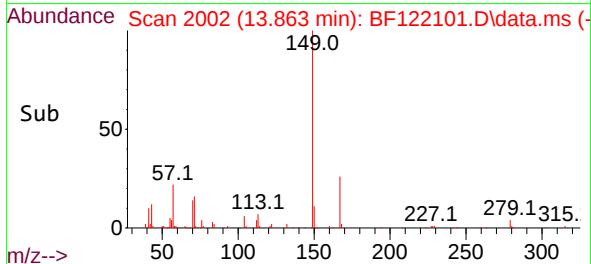
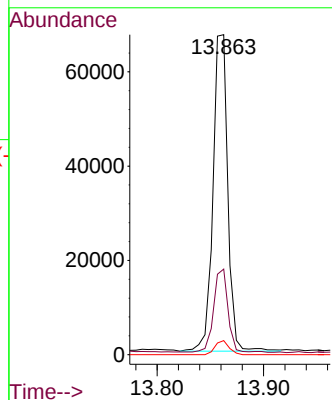
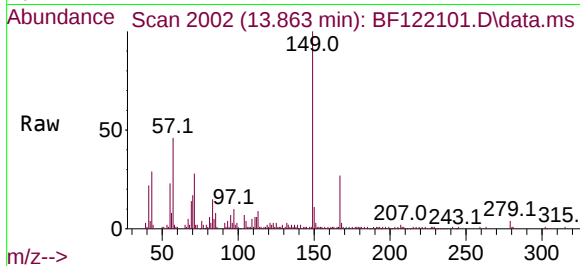




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.76 ng
RT: 13.863 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Instrument :
BNA_F
ClientSampleId :
BS-DRUM

Tgt Ion:149 Resp: 65140
Ion Ratio Lower Upper
149 100
167 26.7 20.9 31.3
279 4.4 3.2 4.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.012 min
Lab File: BF122101.D
Acq: 23 Oct 2020 16:17

Tgt Ion:264 Resp: 229832
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.1 17.3 25.9

