

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122114.D
 Acq On : 23 Oct 2020 22:55
 Operator : JU/CG
 Sample : L4495-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 63202

Quant Time: Oct 23 23:38:12 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)

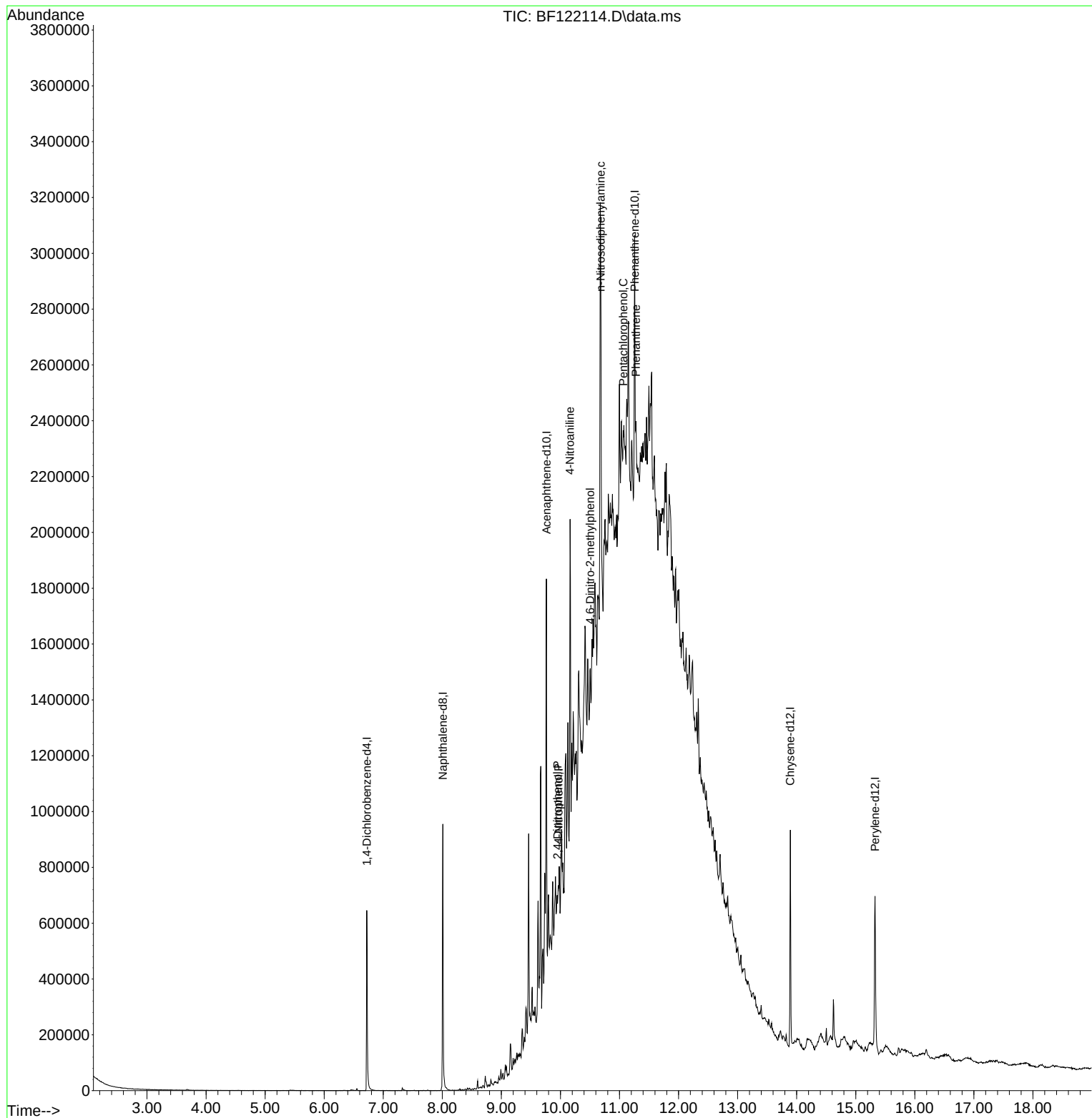
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	103713	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	430466	20.00	ng	0.00
39) Acenaphthene-d10	9.763	164	197371	20.00	ng	0.00
64) Phenanthrene-d10	11.257	188	287114	20.00	ng	0.01
76) Chrysene-d12	13.892	240	265868	20.00	ng	0.00
86) Perylene-d12	15.327	264	261147	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1748	0.25	ng	0.08
7) Phenol-d6	6.451	99	2431	0.27	ng	0.07
23) Nitrobenzene-d5	7.339	82	5366	0.64	ng	0.04
42) 2,4,6-Tribromophenol	10.580	330	712	0.29	ng	0.02
45) 2-Fluorobiphenyl	9.086	172	13012	0.97	ng	0.00
79) Terphenyl-d14	12.833	244	11347	0.81	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	9.951	184	415	8.92	ng	# 1
56) 4-Nitrophenol	9.969	139	4087	2.09	ng	# 1
62) 4-Nitroaniline	10.163	138	8746	2.43	ng	81
65) 4,6-Dinitro-2-methylph...	10.504	198	3280	5.98	ng	# 1
66) n-Nitrosodiphenylamine	10.680	169	63334	6.40	ng	90
70) Pentachlorophenol	11.063	266	804	8.43	ng	# 1
71) Phenanthrene	11.280	178	52680	3.35	ng	# 82

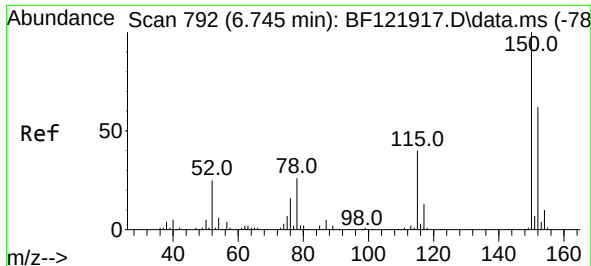
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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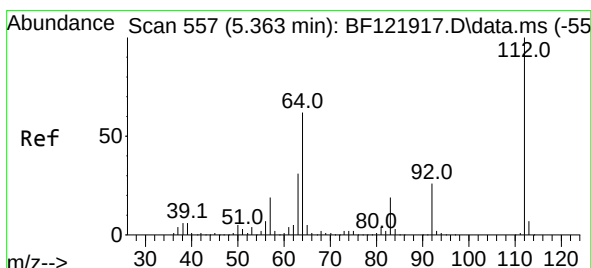
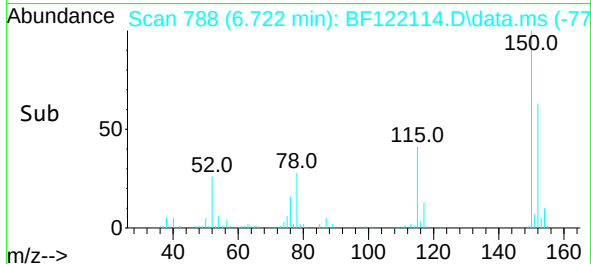
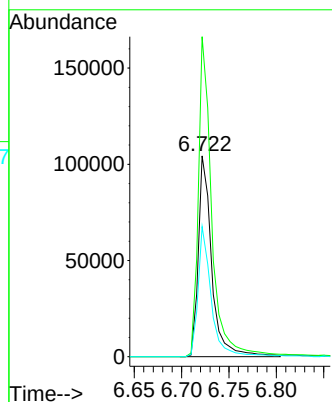
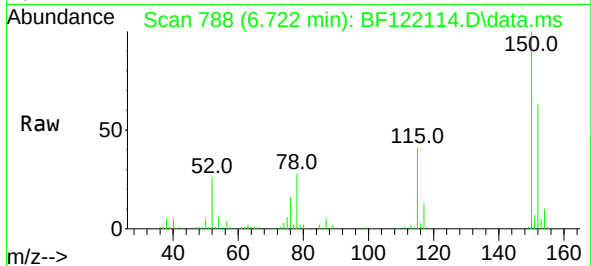




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.722 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: BF122114.D
 Acq: 23 Oct 2020 22:55

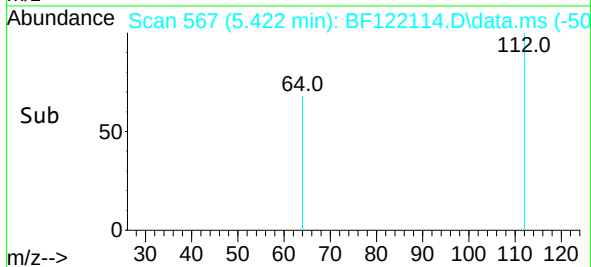
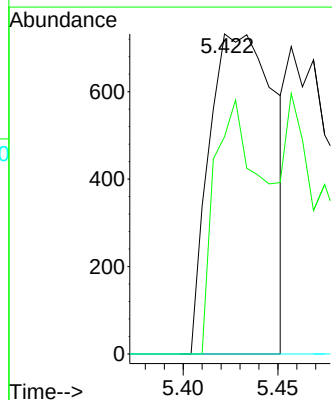
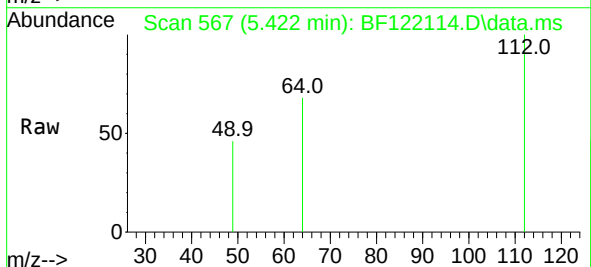
Instrument :
 BNA_F
 ClientSampleId :
 63202

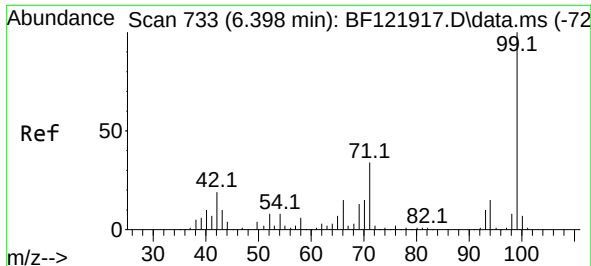
Tgt Ion:152 Resp: 103713
 Ion Ratio Lower Upper
 152 100
 150 159.4 125.3 187.9
 115 64.8 51.9 77.9



#5
 2-Fluorophenol
 Concen: 0.25 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.076 min
 Lab File: BF122114.D
 Acq: 23 Oct 2020 22:55

Tgt Ion:112 Resp: 1748
 Ion Ratio Lower Upper
 112 100
 64 67.9 50.4 75.6
 63 0.0 25.8 38.6#

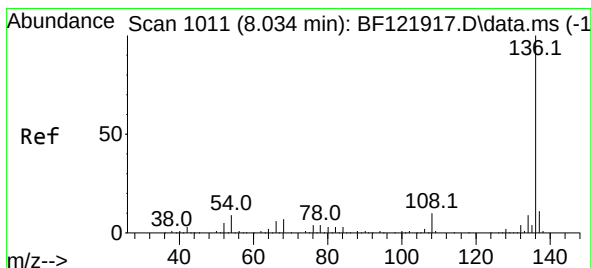
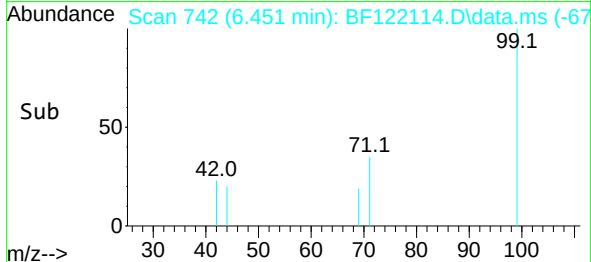
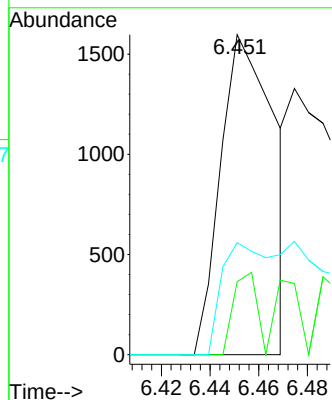
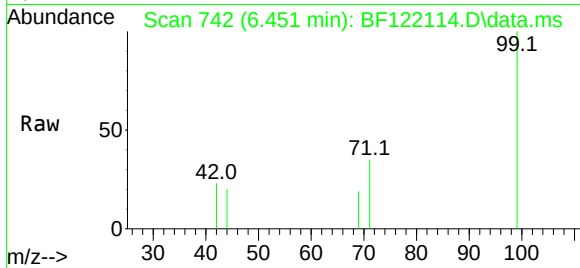




#7
Phenol-d6
Concen: 0.27 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.070 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

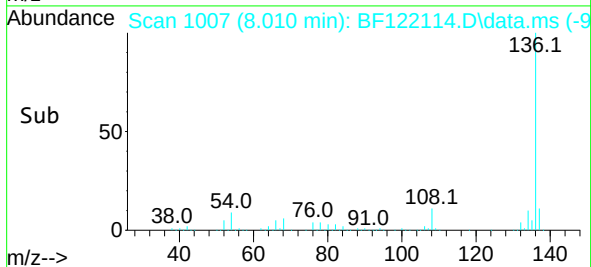
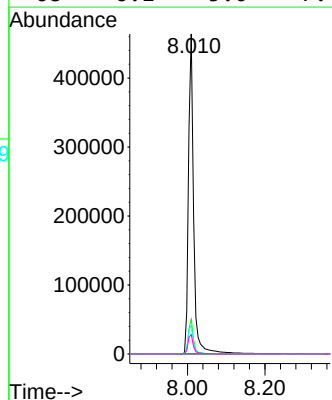
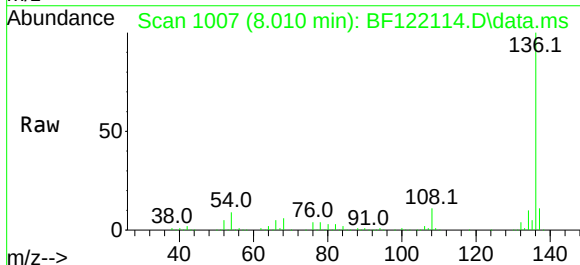
Instrument :
BNA_F
ClientSampled :
63202

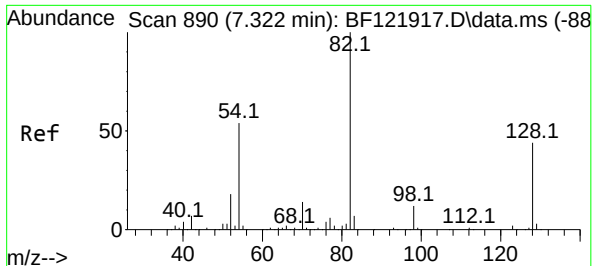
Tgt Ion: 99 Resp: 2431
Ion Ratio Lower Upper
99 100
42 22.8 15.9 23.9
71 35.0 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

Tgt Ion: 136 Resp: 430466
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.1 10.7
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.64 ng

RT: 7.339 min Scan# 893

Delta R.T. 0.035 min

Lab File: BF122114.D

Acq: 23 Oct 2020 22:55

Tgt Ion: 82 Resp: 5366

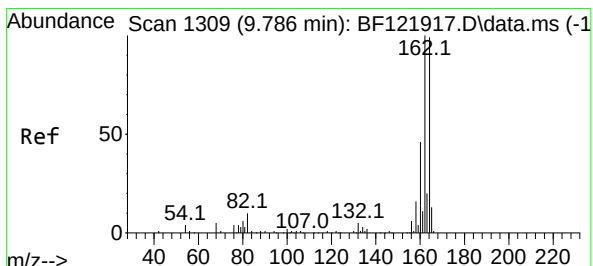
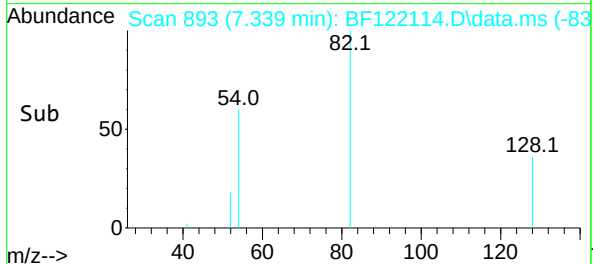
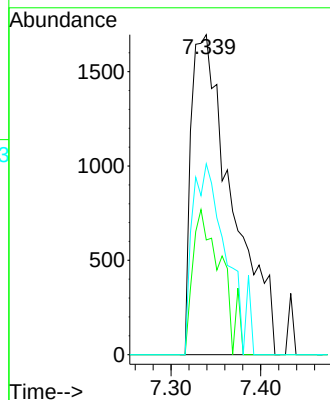
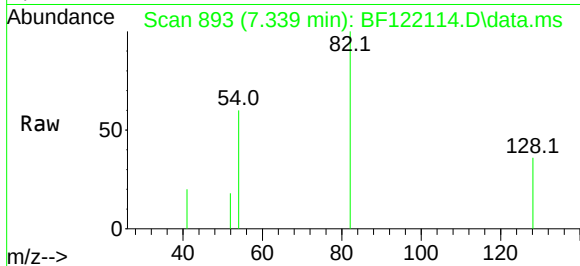
Ion	Ratio	Lower	Upper
82	100		
128	35.8	35.0	52.4
54	59.7	43.9	65.9

Instrument :

BNA_F

ClientSampled :

63202



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.763 min Scan# 1305

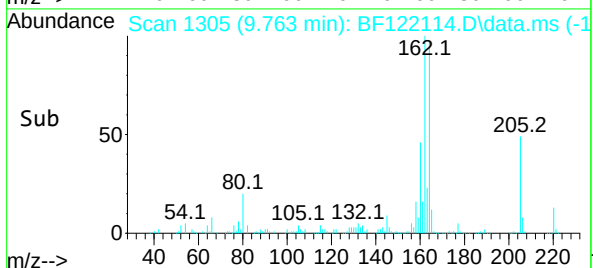
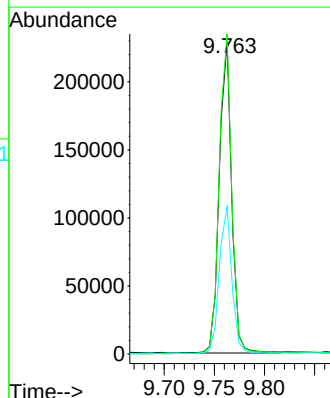
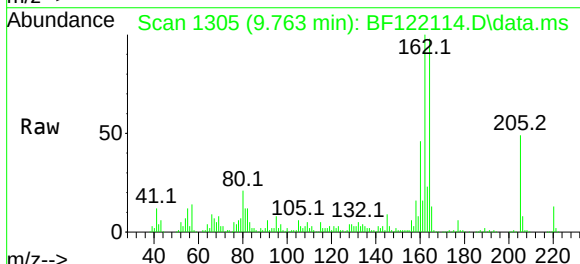
Delta R.T. -0.000 min

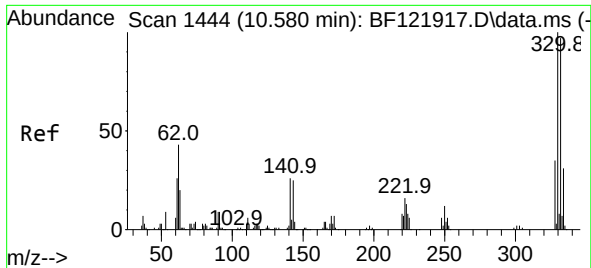
Lab File: BF122114.D

Acq: 23 Oct 2020 22:55

Tgt Ion: 164 Resp: 197371

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.2	124.8
160	47.1	37.5	56.3

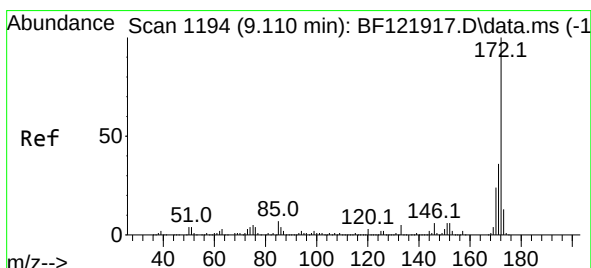
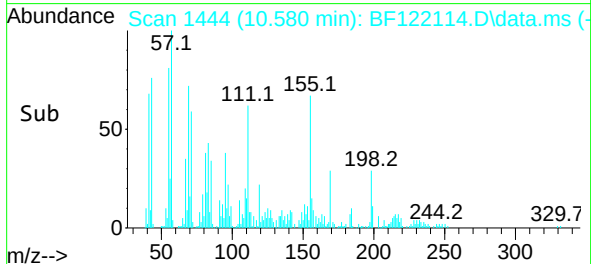
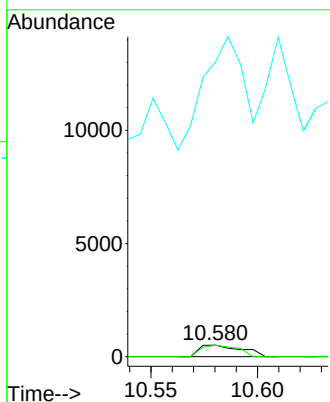
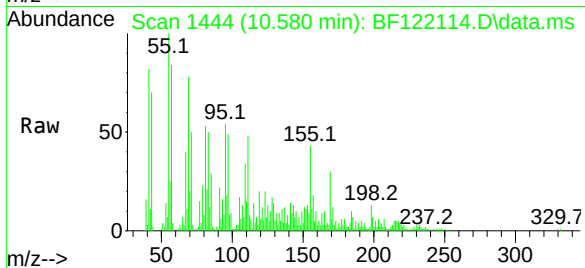




#42
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.023 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

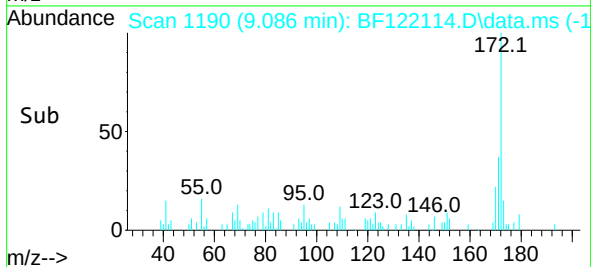
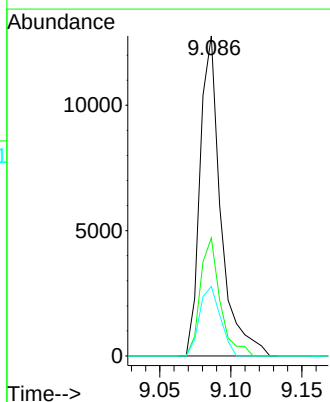
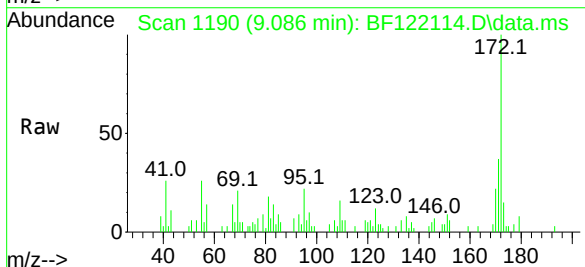
Instrument :
BNA_F
ClientSampleId :
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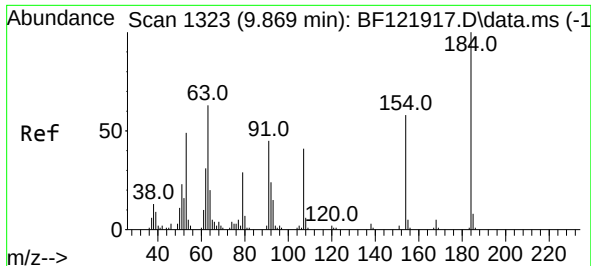
Tgt Ion: 330 Resp: 712
Ion Ratio Lower Upper
330 100
332 84.7 77.3 115.9
141 897.6 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 0.97 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

Tgt Ion: 172 Resp: 13012
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 21.8 19.8 29.6

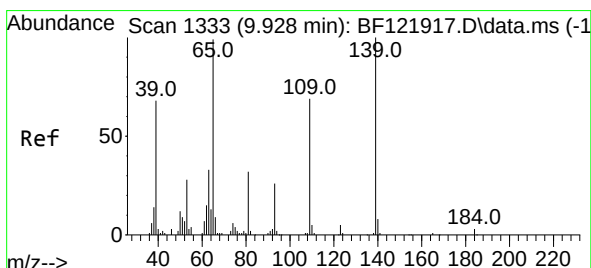
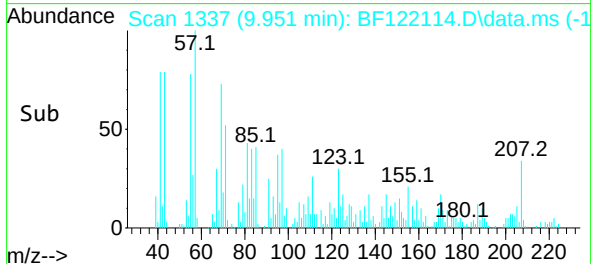
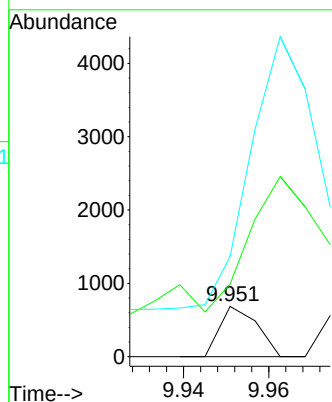
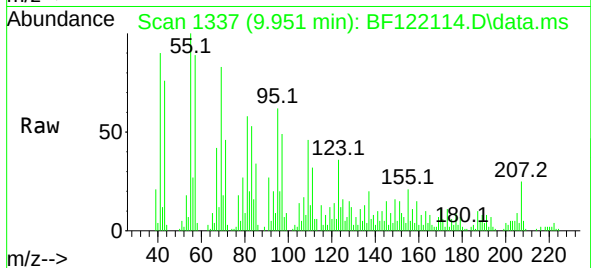




#54
2,4-Dinitrophenol
Concen: 8.92 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.100 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

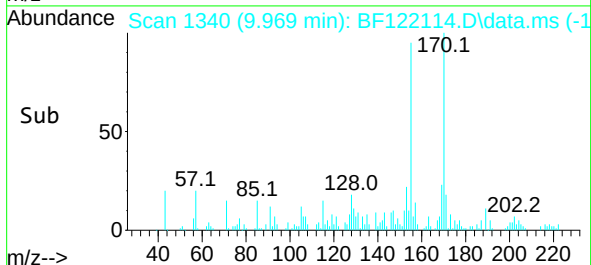
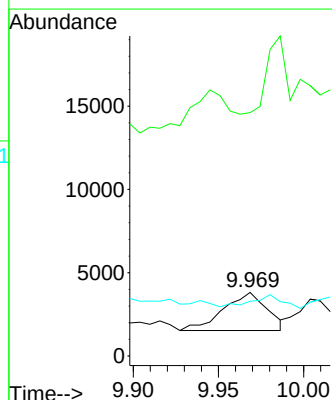
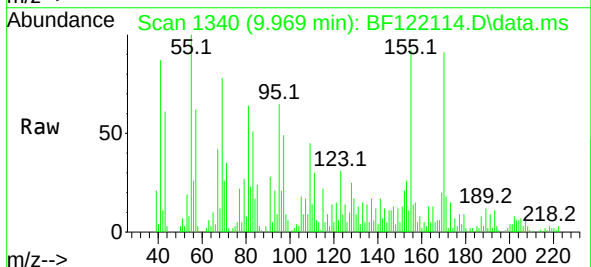
Instrument :
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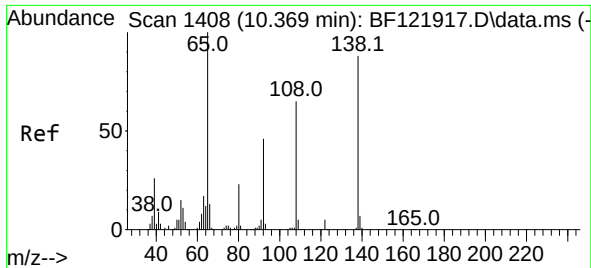
Tgt Ion:184	Resp:	415
Ion	Ratio	Lower Upper
184	100	
63	144.3	45.9 68.9#
154	198.7	45.8 68.6#



#56
4-Nitrophenol
Concen: 2.09 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.053 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

Tgt Ion:139	Resp:	4087
Ion	Ratio	Lower Upper
139	100	
109	383.0	45.4 85.4#
65	86.2	68.4 108.4

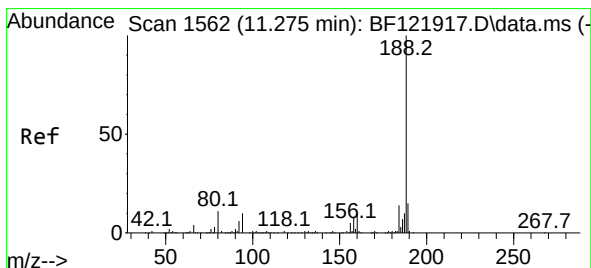
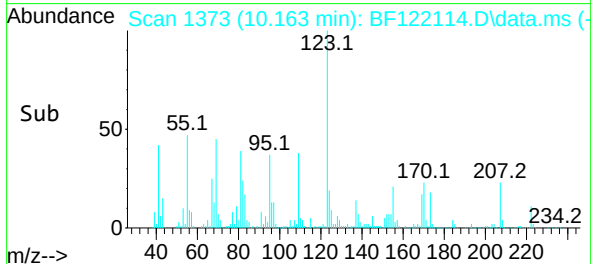
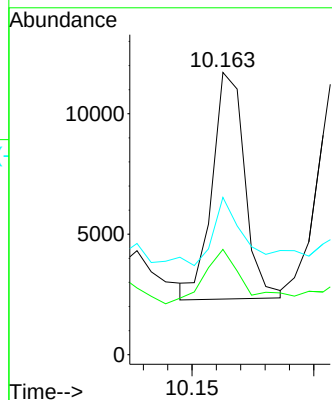
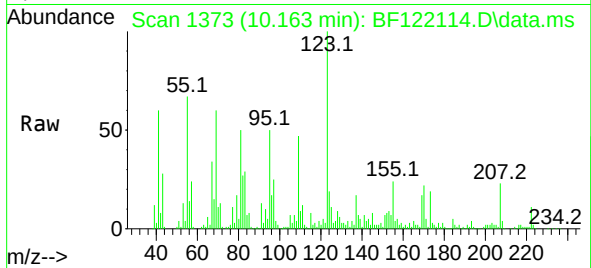




#62
4-Nitroaniline
Concen: 2.43 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.188 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

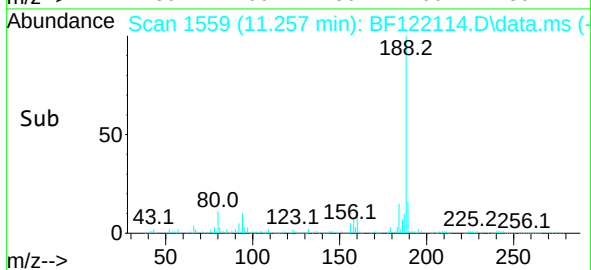
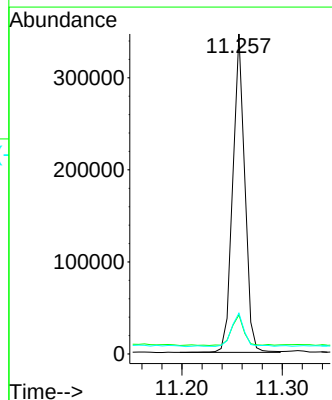
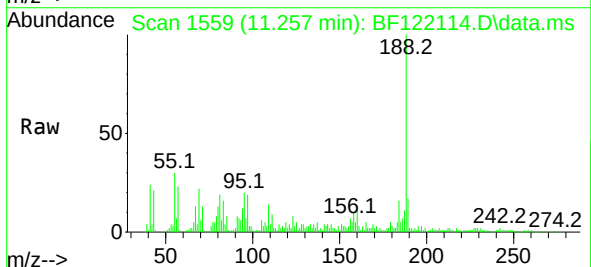
Instrument :
BNA_F
ClientSampled :
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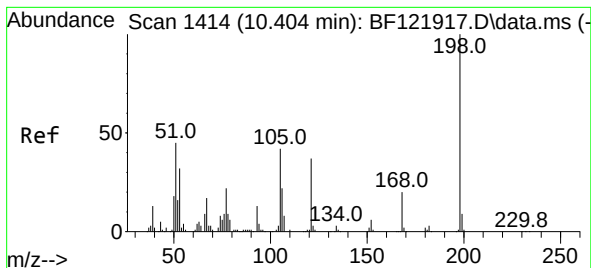
Tgt Ion:138 Resp: 8746
Ion Ratio Lower Upper
138 100
92 37.3 31.0 71.0
108 55.7 51.5 91.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.012 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

Tgt Ion:188 Resp: 287114
Ion Ratio Lower Upper
188 100
94 12.2 8.3 12.5
80 12.7 9.1 13.7

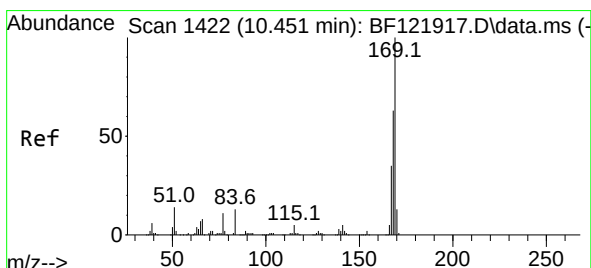
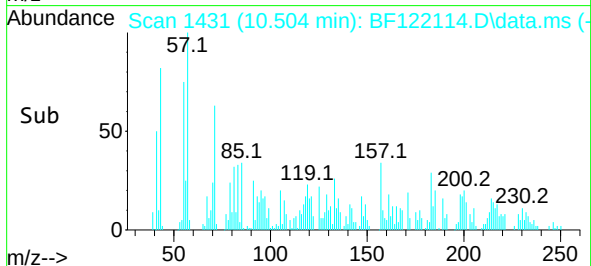
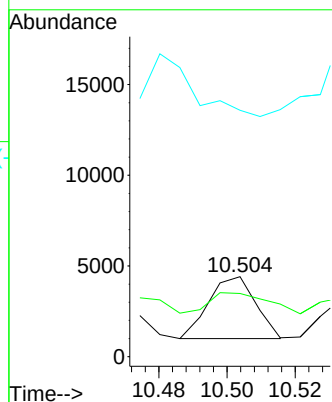
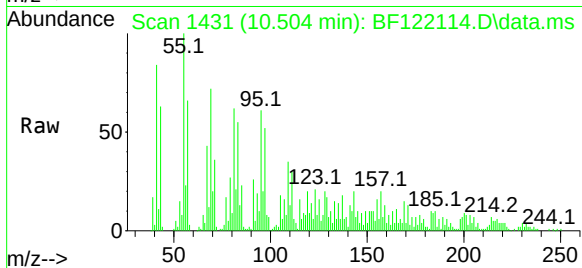




#65
4,6-Dinitro-2-methylphenol
Concen: 5.98 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.117 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

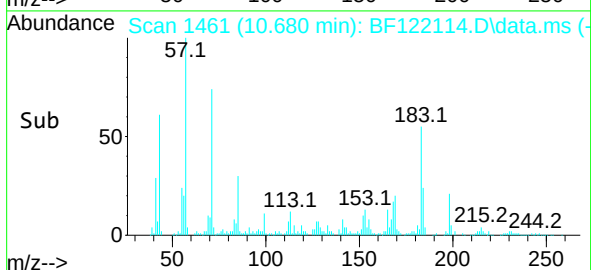
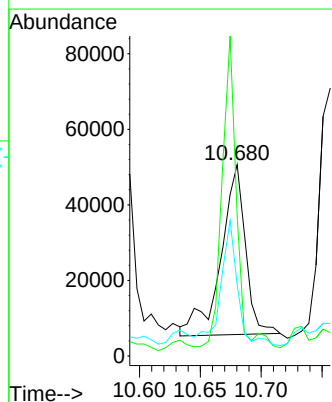
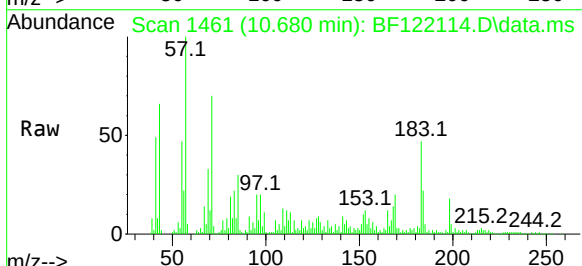
Instrument :
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63202

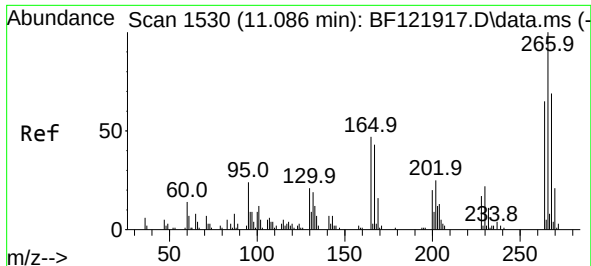
Tgt Ion:198 Resp: 3280
Ion Ratio Lower Upper
198 100
51 78.9 29.6 69.6#
105 307.7 24.4 64.4#



#66
n-Nitrosodiphenylamine
Concen: 6.40 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.253 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

Tgt Ion:169 Resp: 63334
Ion Ratio Lower Upper
169 100
168 73.1 50.0 75.0
167 37.3 27.8 41.6

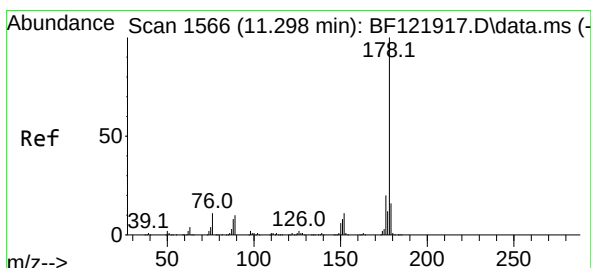
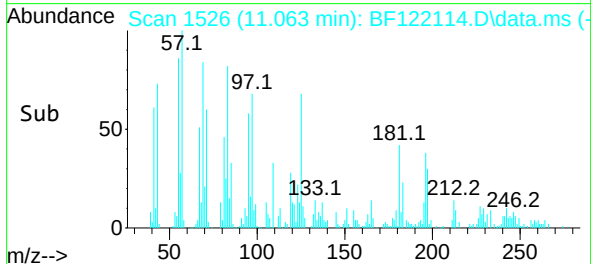
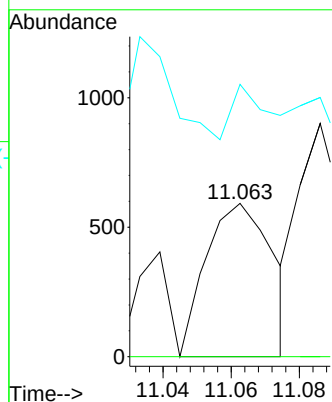
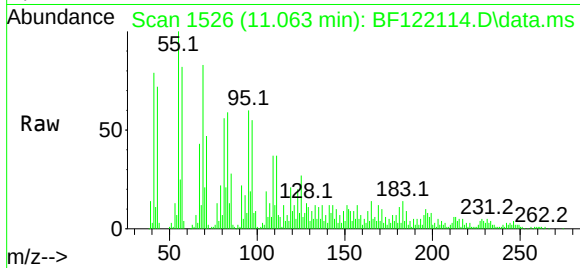




#70
 Pentachlorophenol
 Concen: 8.43 ng
 RT: 11.063 min Scan# 1526
 Delta R.T. -0.000 min
 Lab File: BF122114.D
 Acq: 23 Oct 2020 22:55

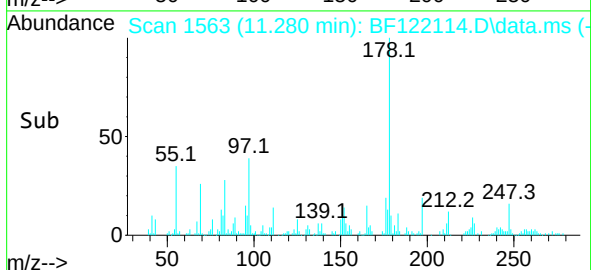
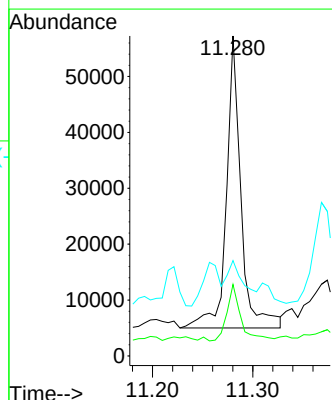
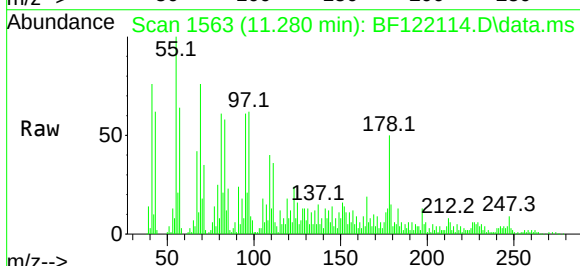
Instrument :
 BNA_F
 ClientSampleId :
 63202

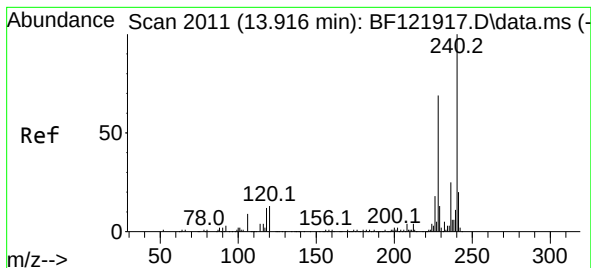
Tgt Ion:266 Resp: 804
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.4 78.6#
 264 177.7 49.9 74.9#



#71
 Phenanthrene
 Concen: 3.35 ng
 RT: 11.280 min Scan# 1563
 Delta R.T. 0.006 min
 Lab File: BF122114.D
 Acq: 23 Oct 2020 22:55

Tgt Ion:178 Resp: 52680
 Ion Ratio Lower Upper
 178 100
 176 22.4 15.9 23.9
 179 29.8 12.2 18.4#

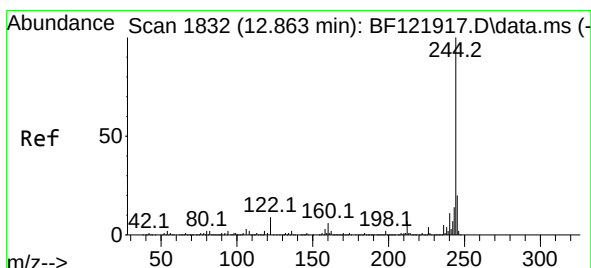
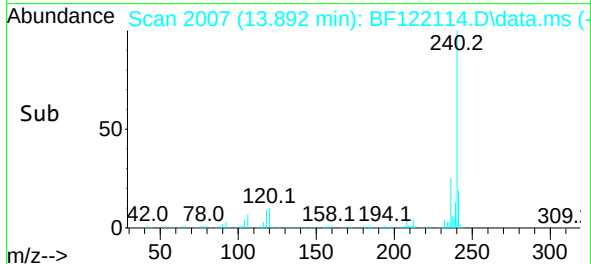
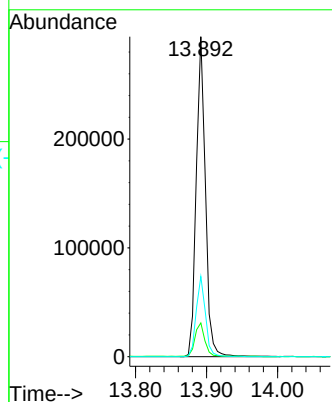
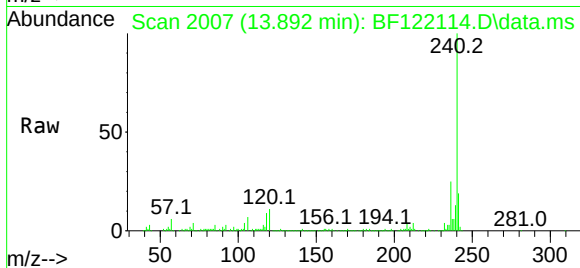




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

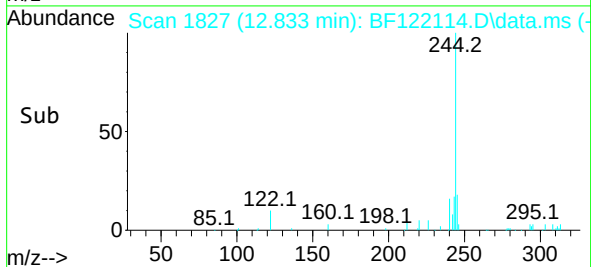
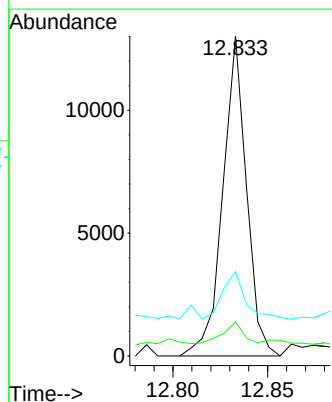
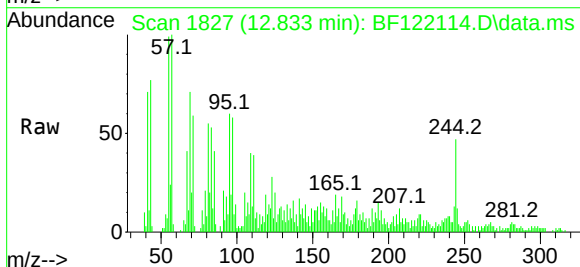
Instrument :
BNA_F
ClientSampleId :
63202

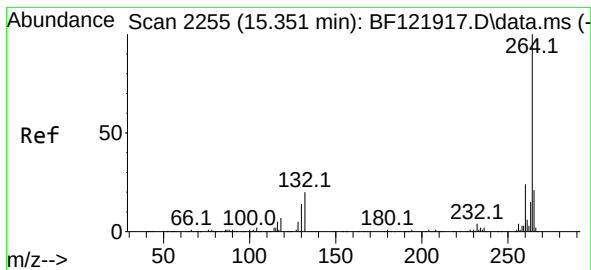
Tgt Ion:240 Resp: 265868
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.1 20.9 31.3



#79
Terphenyl-d14
Concen: 0.81 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF122114.D
Acq: 23 Oct 2020 22:55

Tgt Ion:244 Resp: 11347
Ion Ratio Lower Upper
244 100
212 10.7 5.4 8.2#
122 26.4 8.1 12.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. 0.012 min
 Lab File: BF122114.D
 Acq: 23 Oct 2020 22:55

Instrument :
 BNA_F
 ClientSampleId :
 63202

Tgt Ion:264 Resp: 261147
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.0 17.3 25.9

