

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122190.D
 Acq On : 30 Oct 2020 20:18
 Operator : JU/CG
 Sample : L4541-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124036

Quant Time: Oct 31 02:54:27 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)

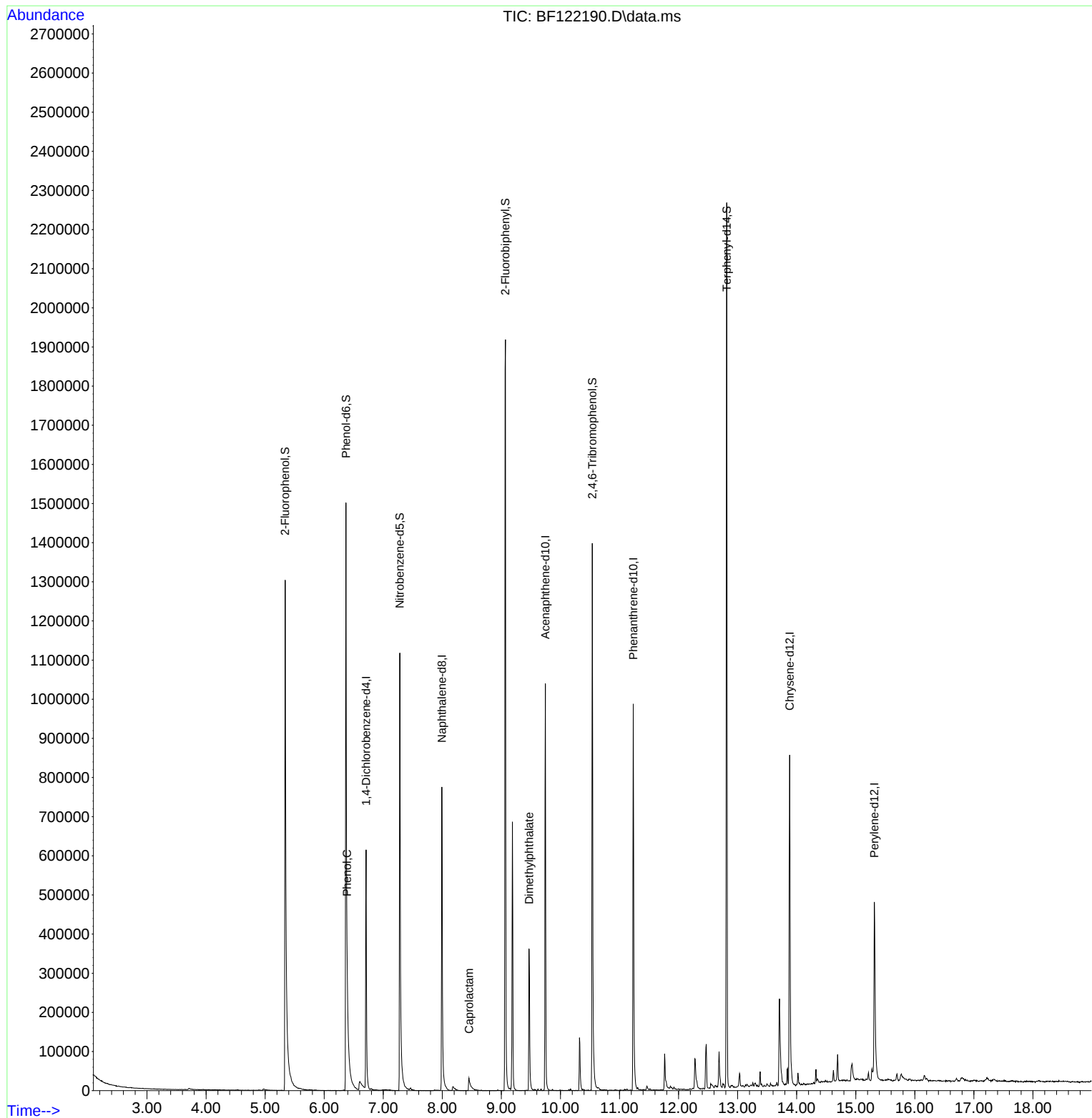
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	98767	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	397914	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	204967	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	399779	20.00	ng	0.00
76) Chrysene-d12	13.880	240	312016	20.00	ng	0.00
86) Perylene-d12	15.315	264	246307	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	532606	79.59	ng	0.00
7) Phenol-d6	6.369	99	665344	77.24	ng	0.00
23) Nitrobenzene-d5	7.281	82	426349	54.95	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	184502	72.77	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	663199	47.61	ng	0.00
79) Terphenyl-d14	12.816	244	681385	41.62	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.387	94	35811	4.03	ng	87
35) Caprolactam	8.451	113	6878	3.55	ng	94
50) Dimethylphthalate	9.469	163	163088	10.88	ng	100

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

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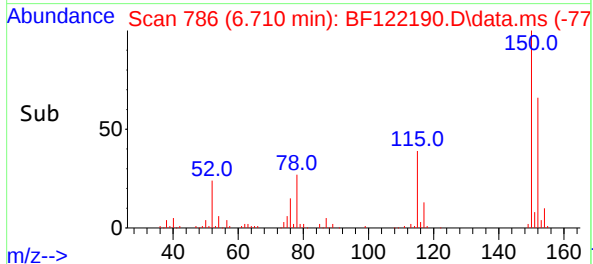
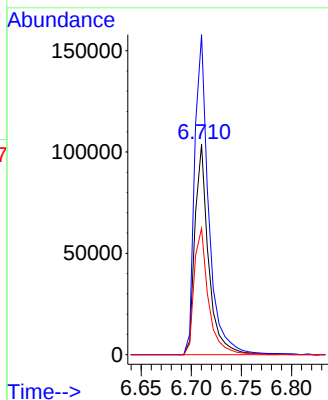
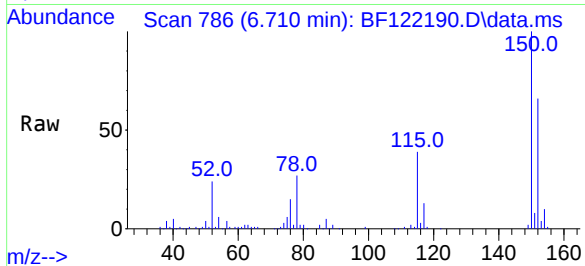




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

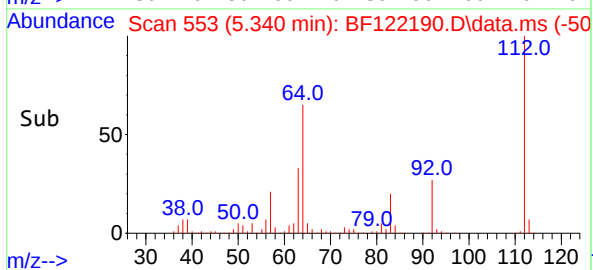
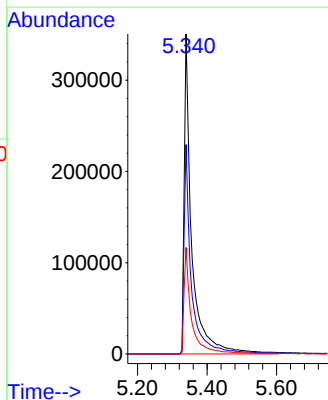
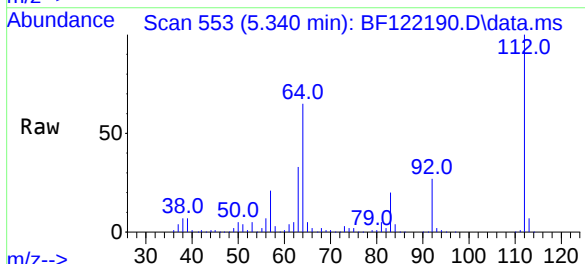
Instrument :
BNA_F
ClientSampleId :
124036

Tgt Ion:152 Resp: 98767
Ion Ratio Lower Upper
152 100
150 152.1 125.3 187.9
115 60.0 51.9 77.9



#5
2-Fluorophenol
Concen: 79.59 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion:112 Resp: 532606
Ion Ratio Lower Upper
112 100
64 65.5 50.4 75.6
63 33.3 25.8 38.6

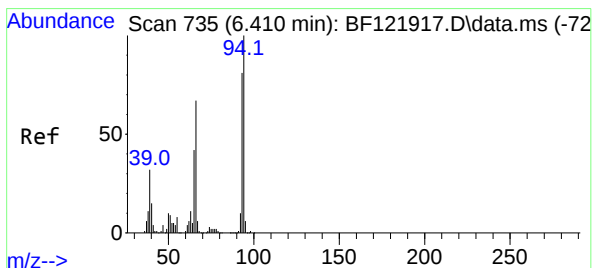
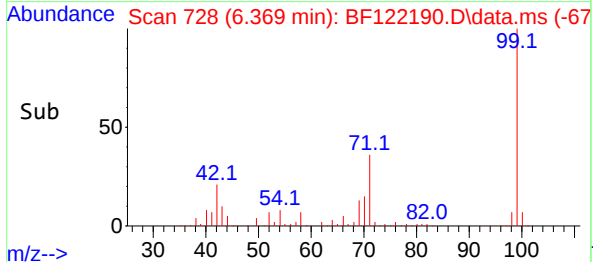
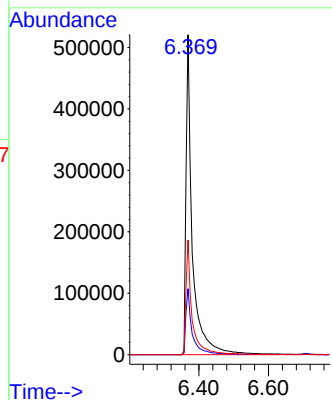
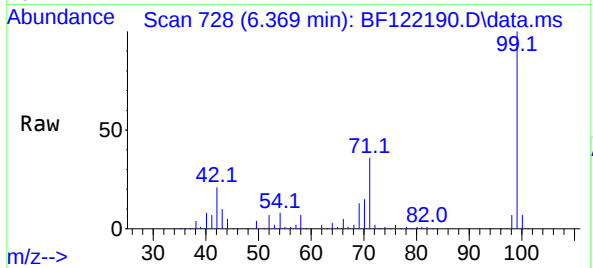




#7
Phenol-d6
Concen: 77.24 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

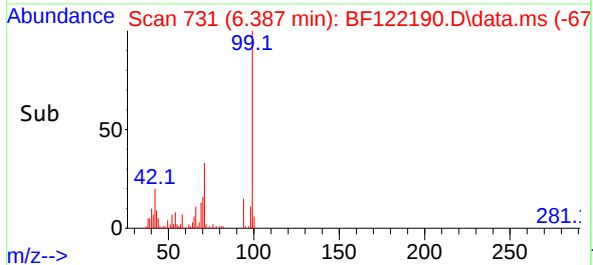
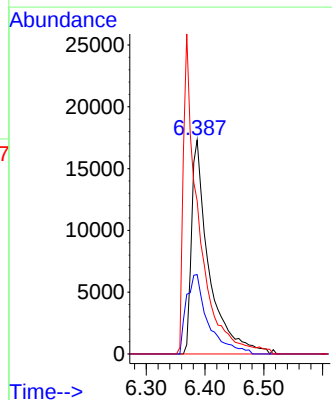
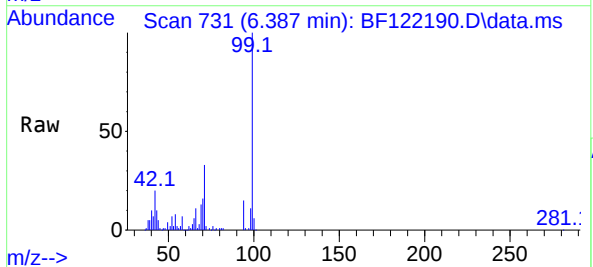
Instrument :
BNA_F
ClientSampleId :
124036

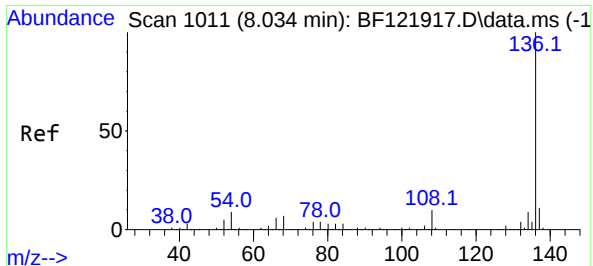
Tgt Ion: 99 Resp: 665344
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 35.8 27.1 40.7



#10
Phenol
Concen: 4.03 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion: 94 Resp: 35811
Ion Ratio Lower Upper
94 100
65 37.1 17.1 57.1
66 71.6 36.0 76.0



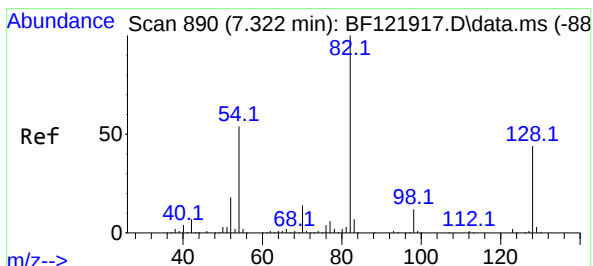
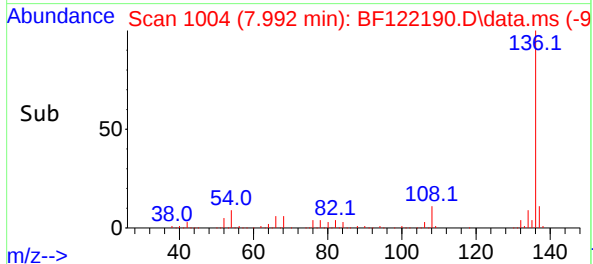
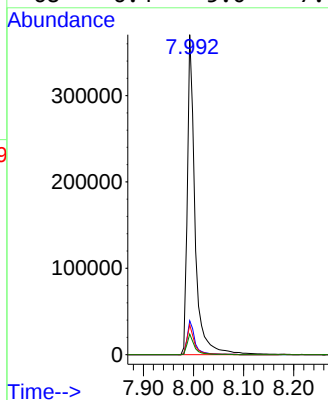
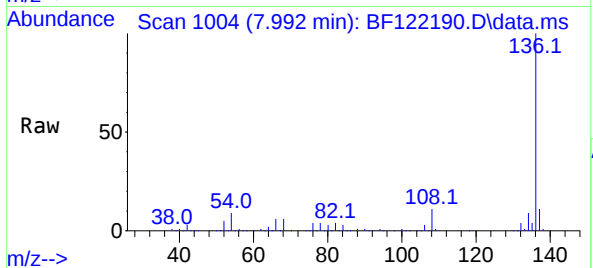


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Instrument :
BNA_F
ClientSampleId :
124036

Tgt Ion:136 Resp: 397914

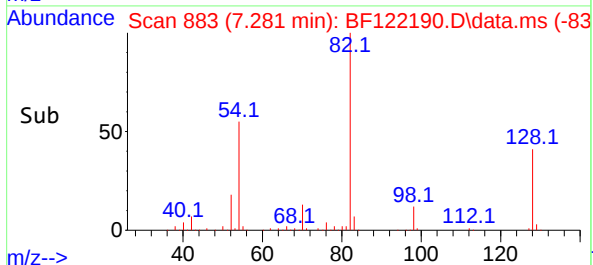
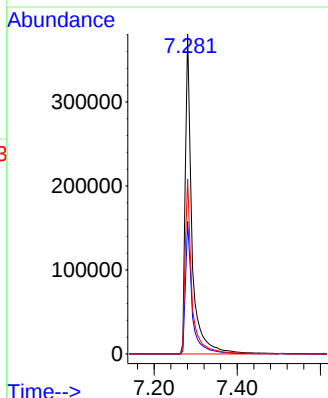
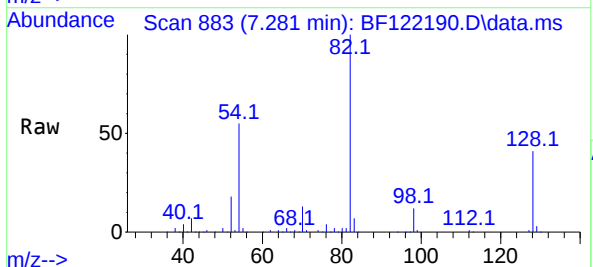
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.4	7.1	10.7
68	6.4	5.0	7.4

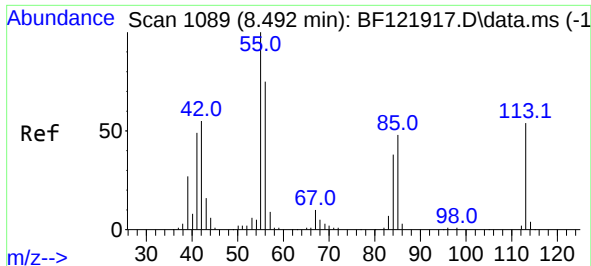


#23
Nitrobenzene-d5
Concen: 54.95 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion: 82 Resp: 426349

Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.0	52.4
54	54.5	43.9	65.9

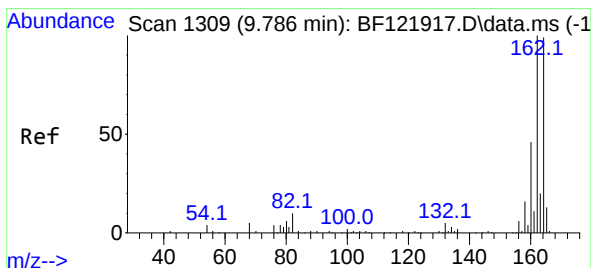
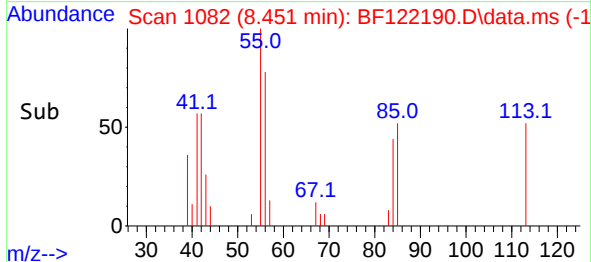
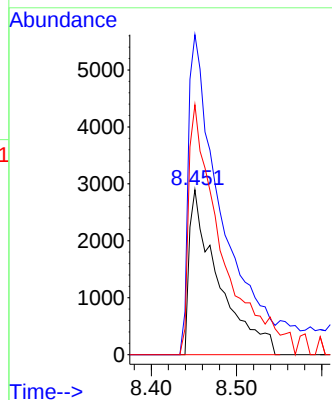
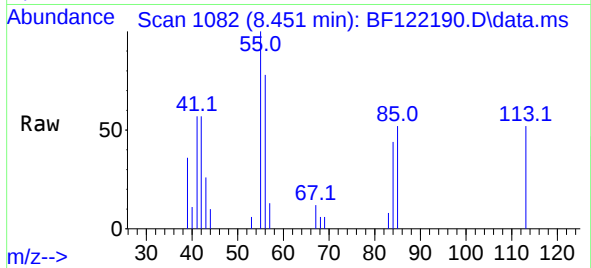




#35
Caprolactam
Concen: 3.55 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.012 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

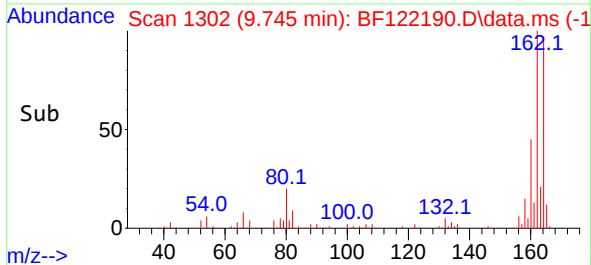
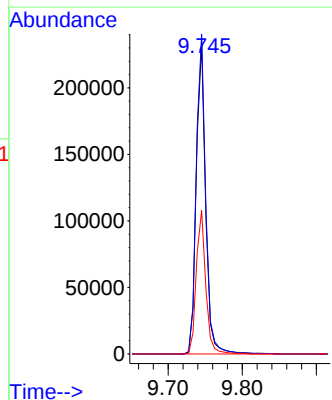
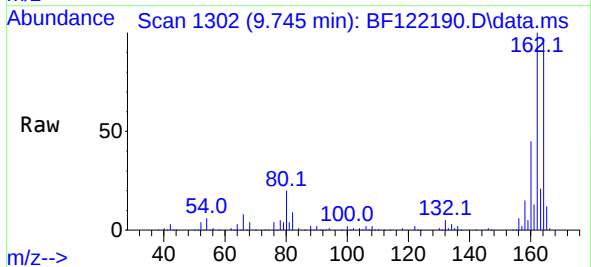
Instrument :
BNA_F
ClientSampled :
124036

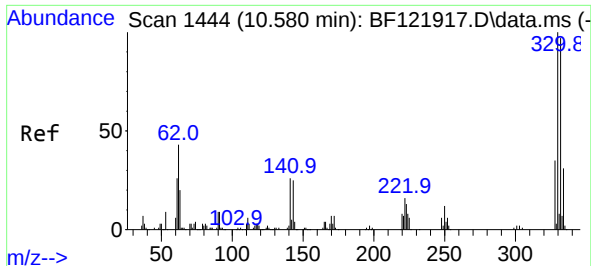
Tgt Ion:113 Resp: 6878
Ion Ratio Lower Upper
113 100
55 193.9 167.5 207.5
56 151.4 121.2 161.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion:164 Resp: 204967
Ion Ratio Lower Upper
164 100
162 103.3 83.2 124.8
160 46.4 37.5 56.3

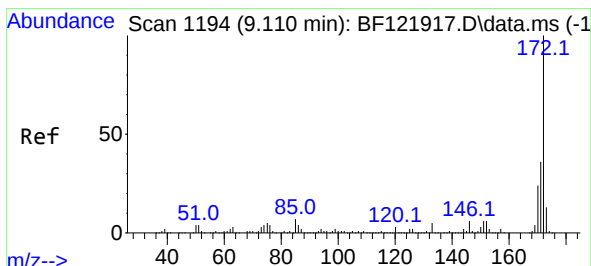
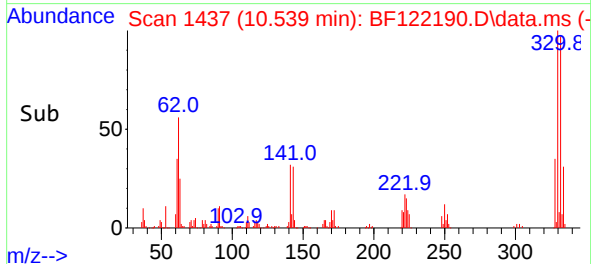
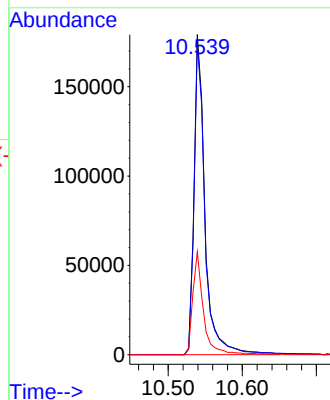
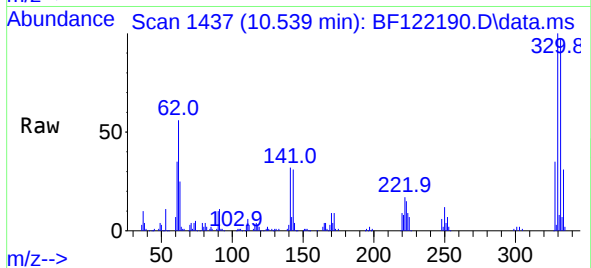




#42
2,4,6-Tribromophenol
Concen: 72.77 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

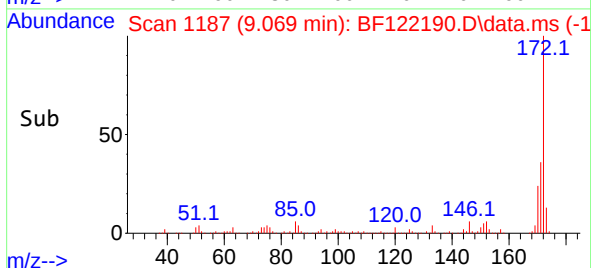
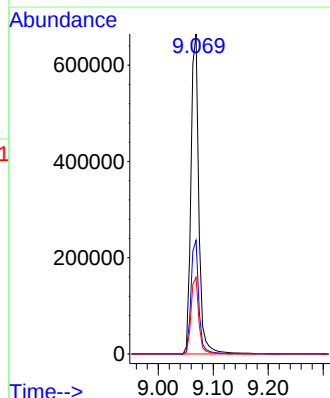
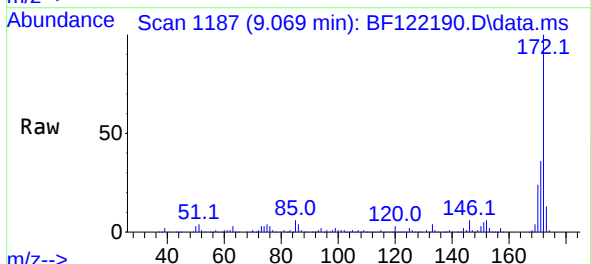
Instrument :
BNA_F
ClientSampled :
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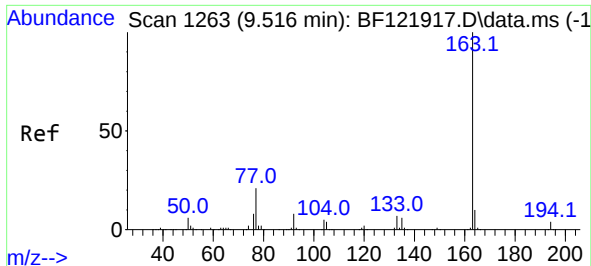
Tgt Ion:330 Resp: 184502
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 31.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 47.61 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion:172 Resp: 663199
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 24.0 19.8 29.6

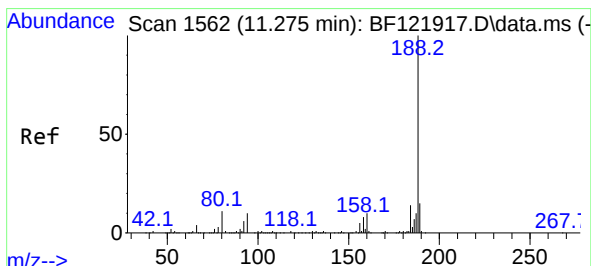
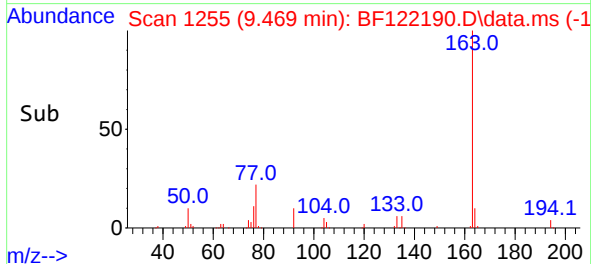
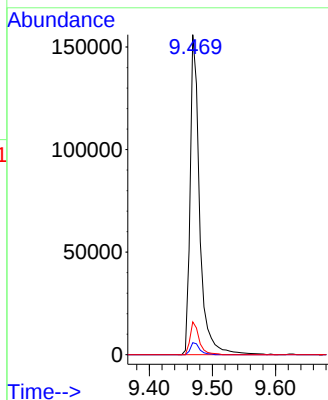
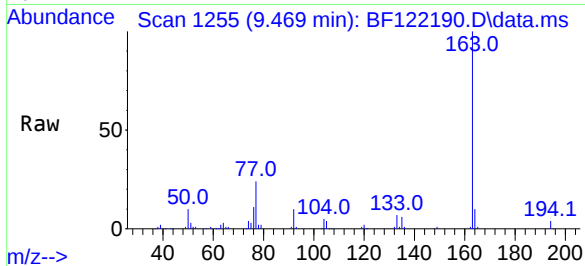




#50
Dimethylphthalate
Concen: 10.88 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

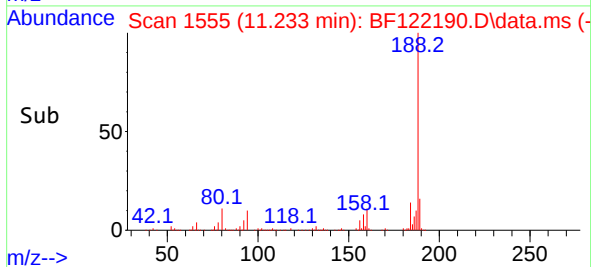
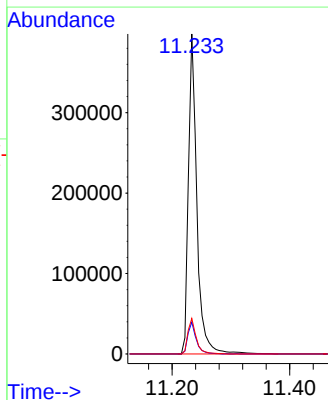
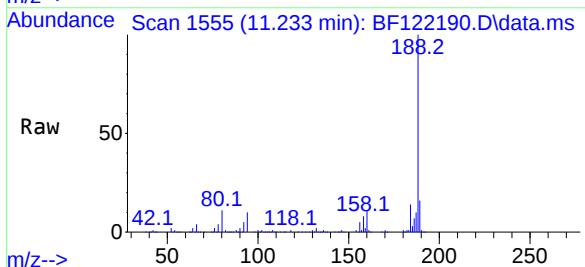
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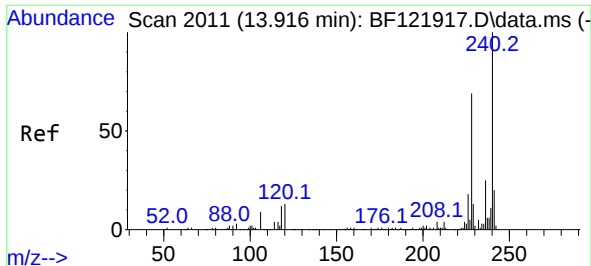
Tgt Ion:163 Resp: 163088
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion:188 Resp: 399779
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 11.1 9.1 13.7

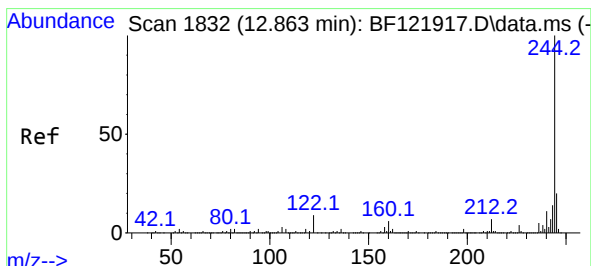
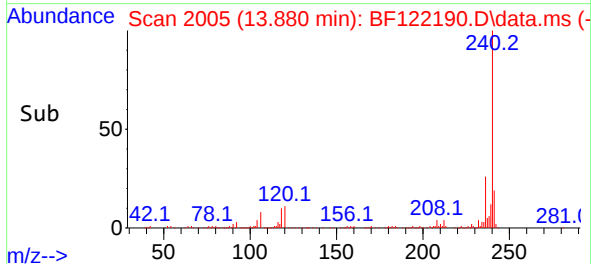
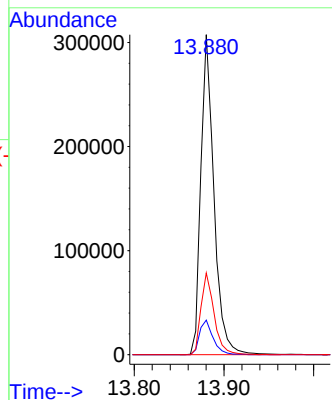
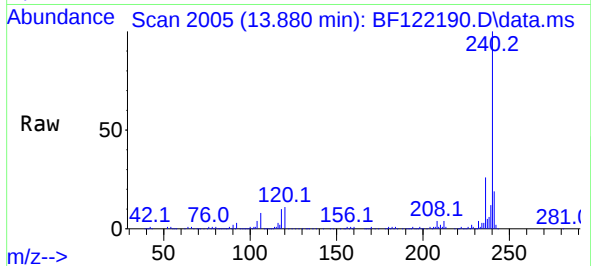




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

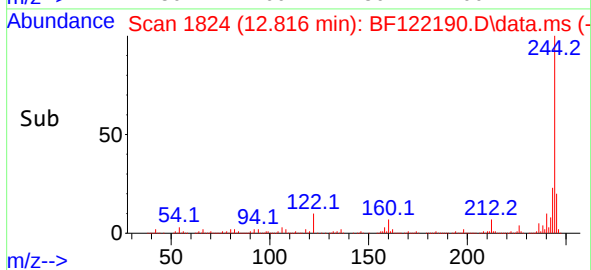
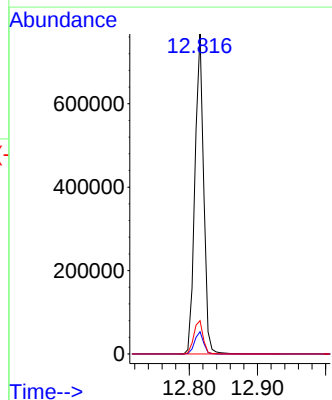
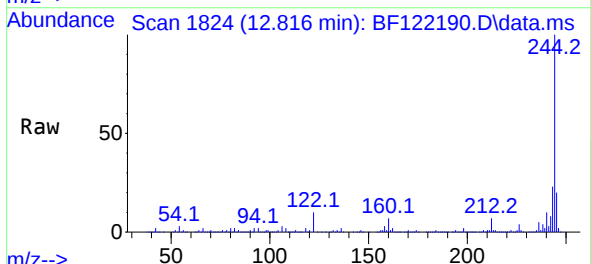
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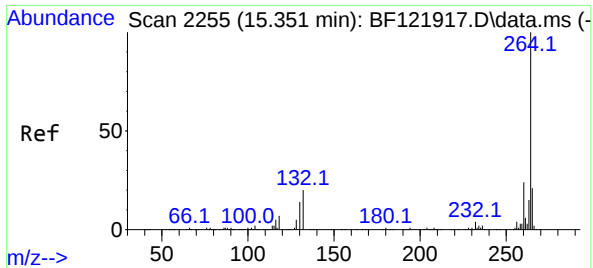
Tgt Ion:240 Resp: 312016
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 41.62 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122190.D
Acq: 30 Oct 2020 20:18

Tgt Ion:244 Resp: 681385
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.4 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: BF122190.D
 Acq: 30 Oct 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 124036

Tgt Ion:264 Resp: 246307

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.7	17.3	25.9

