

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
 Data File : BF122094.D
 Acq On : 22 Oct 2020 20:36
 Operator : JU/CG
 Sample : L4436-11 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 37B

Quant Time: Oct 23 00:48:30 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)

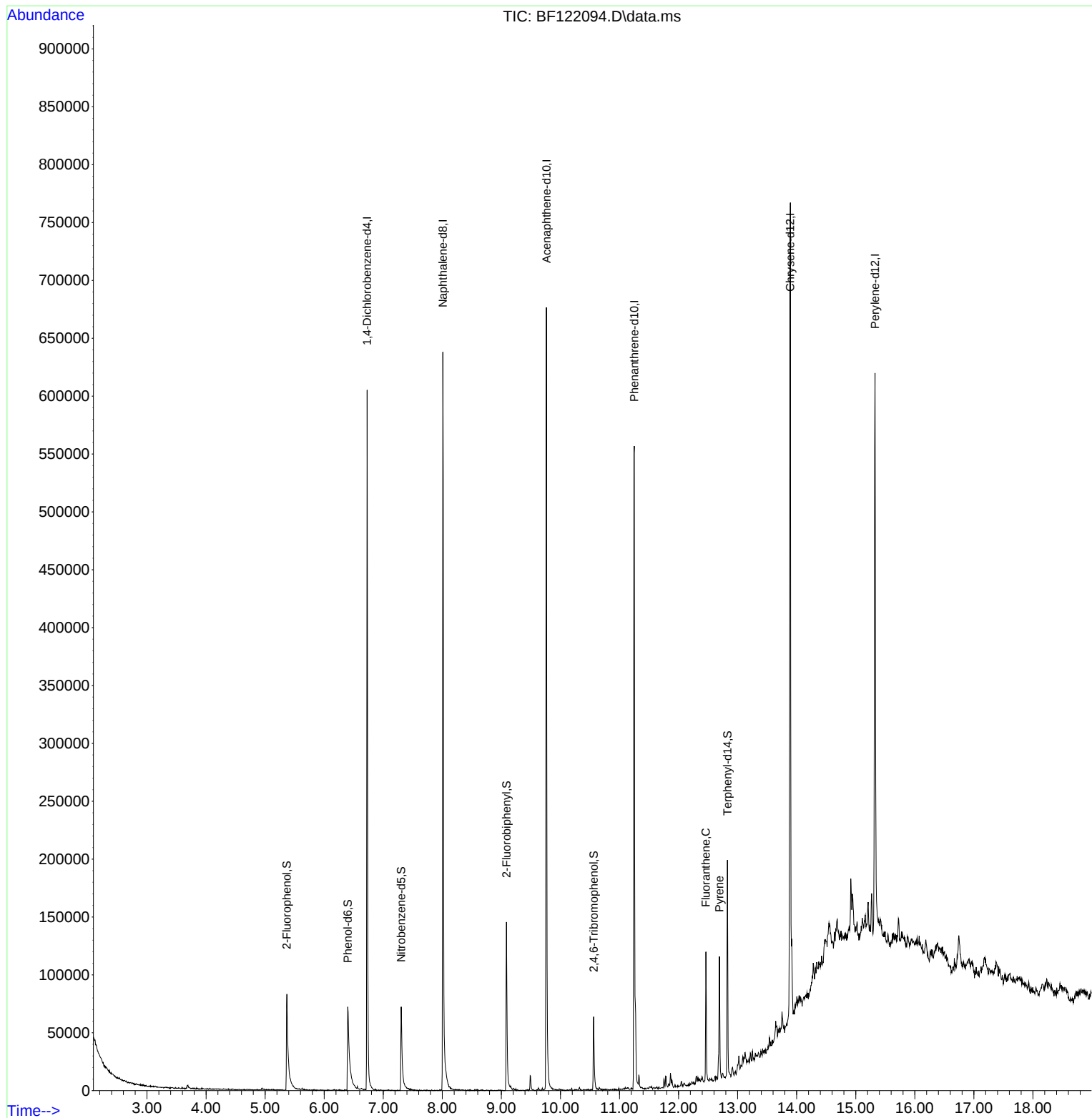
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	90908	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	340292	20.00	ng	0.00
39) Acenaphthene-d10	9.763	164	148918	20.00	ng	0.00
64) Phenanthrene-d10	11.251	188	241455	20.00	ng	0.00
76) Chrysene-d12	13.892	240	244569	20.00	ng	0.00
86) Perylene-d12	15.327	264	219360	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	54220	8.80	ng	0.02
7) Phenol-d6	6.398	99	64116	8.09	ng	0.02
23) Nitrobenzene-d5	7.304	82	43833	6.61	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	11618	6.31	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	68667	6.78	ng	0.00
79) Terphenyl-d14	12.827	244	55644	4.34	ng	0.00
Target Compounds						
75) Fluoranthene	12.463	202	43734	3.08	ng	99
78) Pyrene	12.692	202	43144	2.31	ng	100

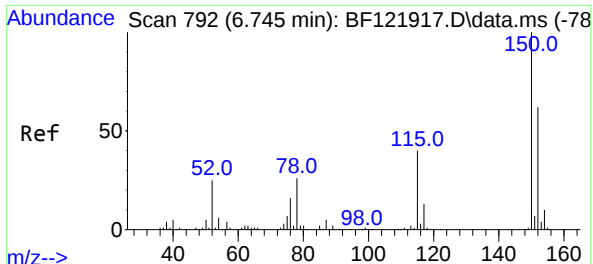
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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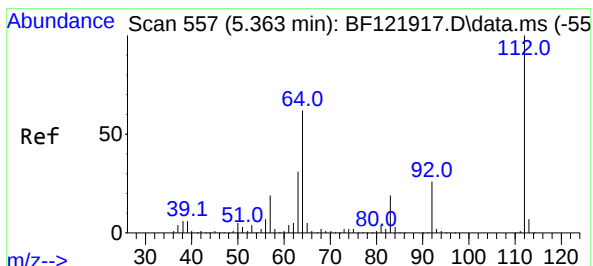
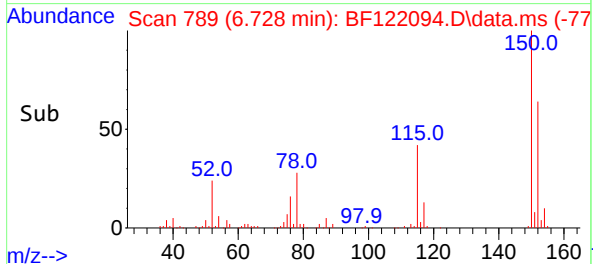
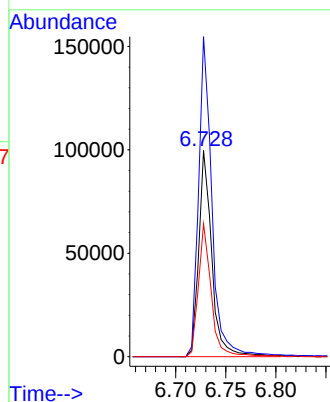
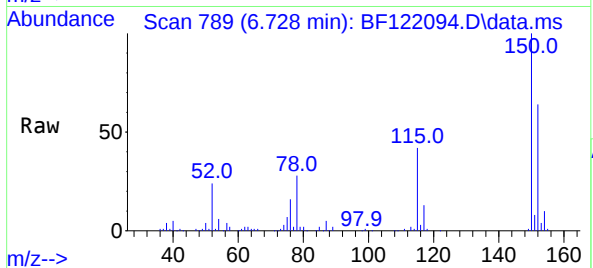




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

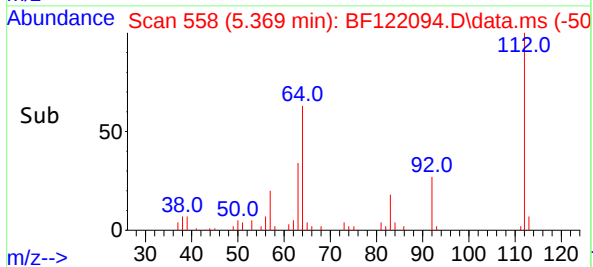
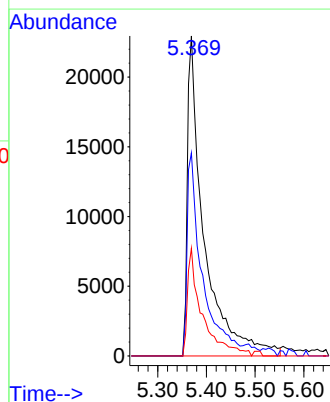
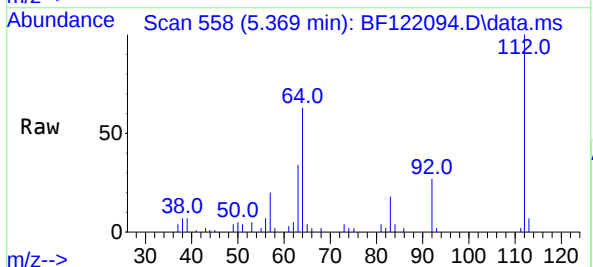
Instrument :
BNA_F
ClientSampled :
37B

Tgt Ion:152 Resp: 90908
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 64.5 51.9 77.9



#5
2-Fluorophenol
Concen: 8.80 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.023 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

Tgt Ion:112 Resp: 54220
Ion Ratio Lower Upper
112 100
64 63.5 50.4 75.6
63 33.6 25.8 38.6

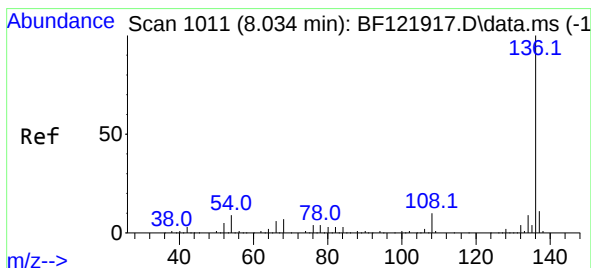
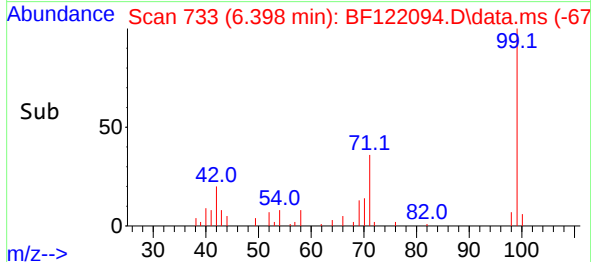
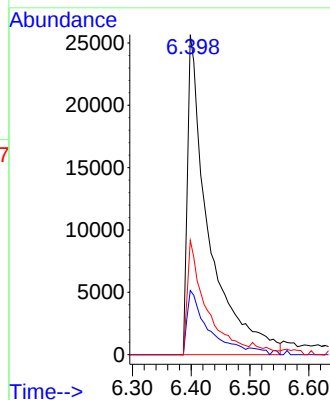
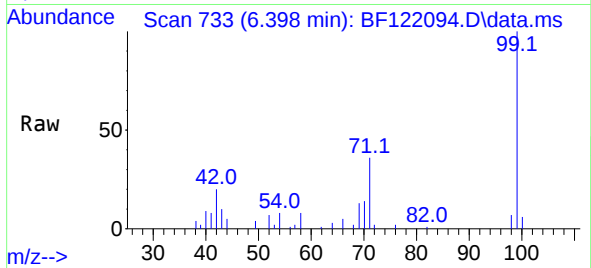




#7
Phenol-d6
Concen: 8.09 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.018 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

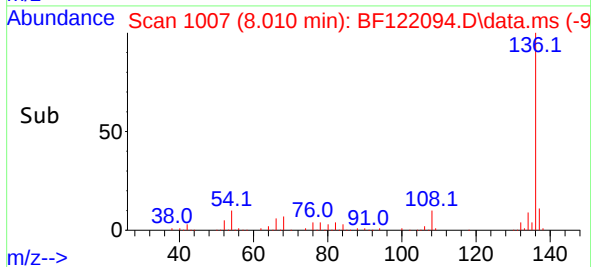
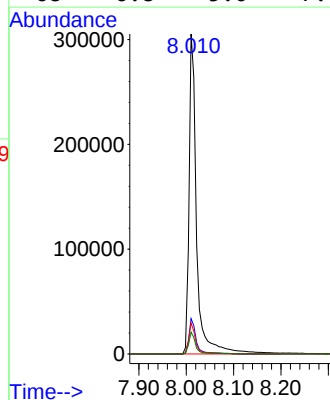
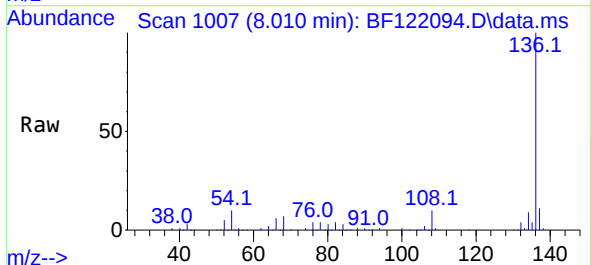
Instrument :
BNA_F
ClientSampled :
37B

Tgt Ion: 99 Resp: 64116
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 35.8 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: BF122094.D
Acq: 22 Oct 2020 20:36

Tgt Ion: 136 Resp: 340292
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.6 7.1 10.7
68 6.8 5.0 7.4

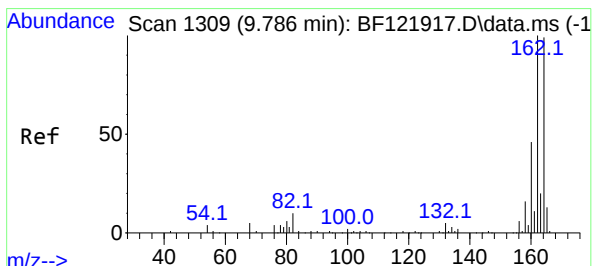
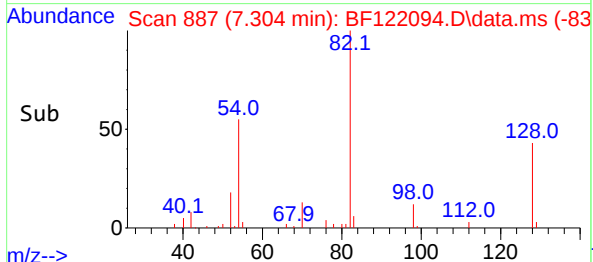
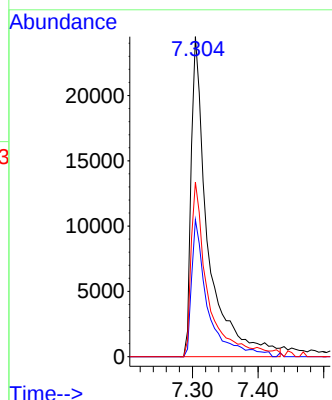
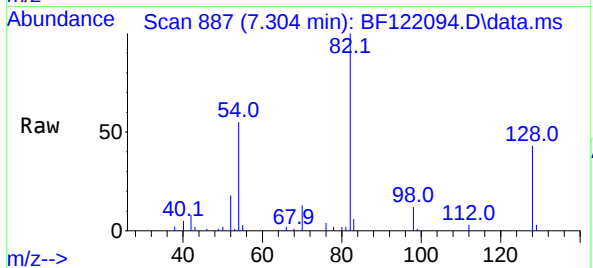




#23
Nitrobenzene-d5
Concen: 6.61 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

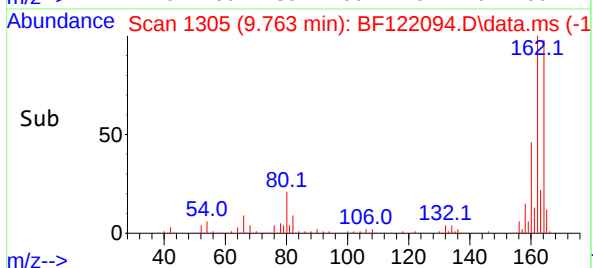
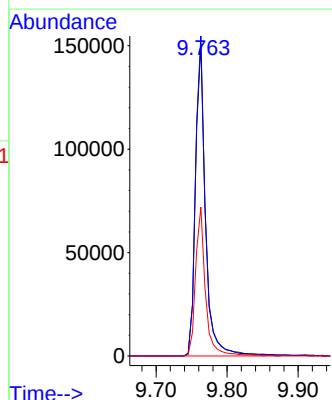
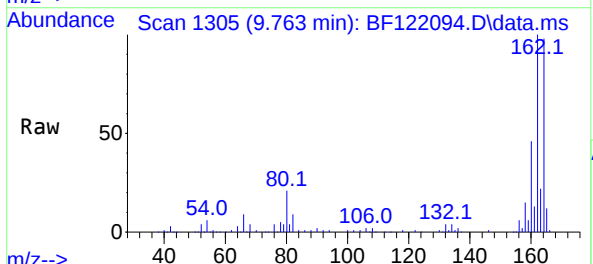
Instrument :
BNA_F
ClientSampled :
37B

Tgt Ion: 82 Resp: 43833
Ion Ratio Lower Upper
82 100
128 42.8 35.0 52.4
54 54.5 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

Tgt Ion:164 Resp: 148918
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 47.7 37.5 56.3

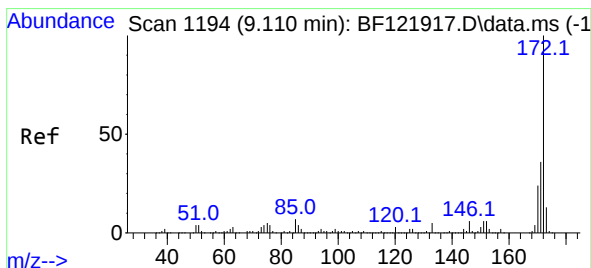
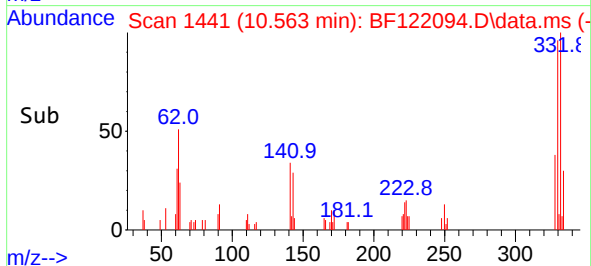
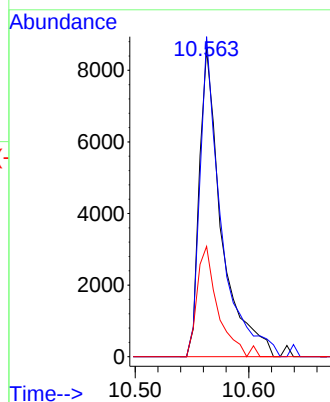
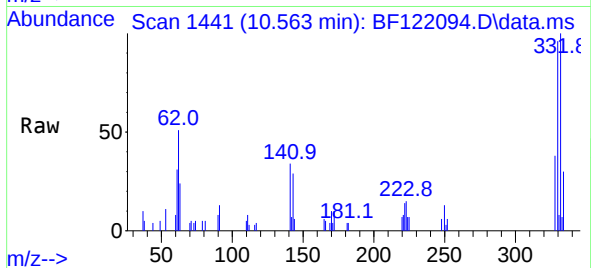




#42
2,4,6-Tribromophenol
Concen: 6.31 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

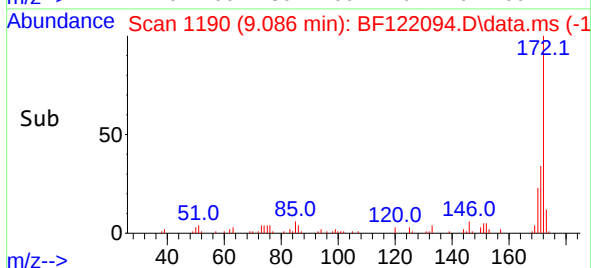
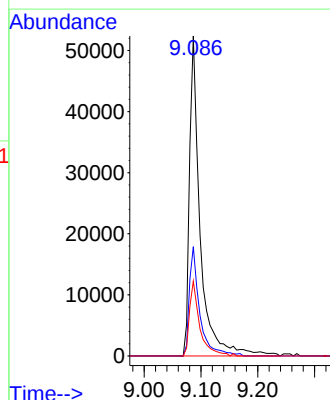
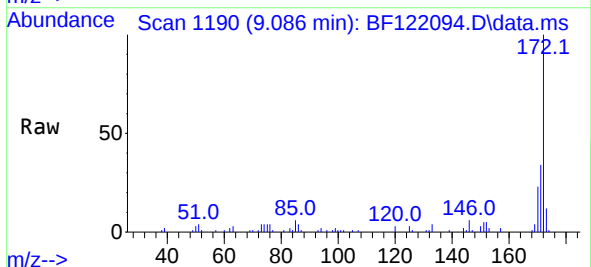
Instrument :
BNA_F
ClientSampled :
37B

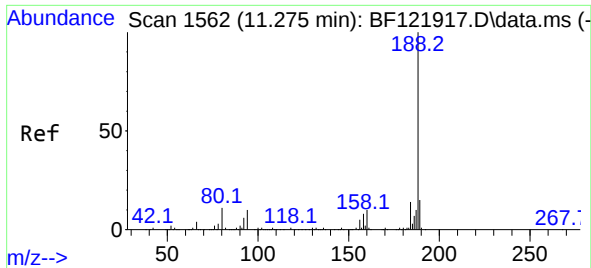
Tgt Ion: 330 Resp: 11618
Ion Ratio Lower Upper
330 100
332 99.4 77.3 115.9
141 33.9 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 6.78 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

Tgt Ion: 172 Resp: 68667
Ion Ratio Lower Upper
172 100
171 34.2 29.1 43.7
170 23.4 19.8 29.6

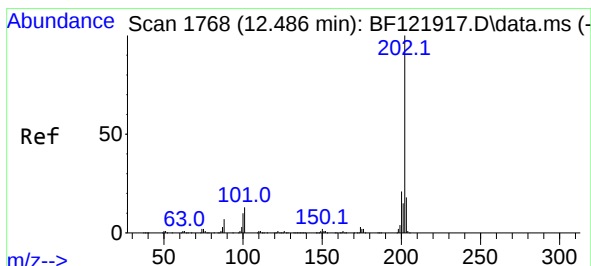
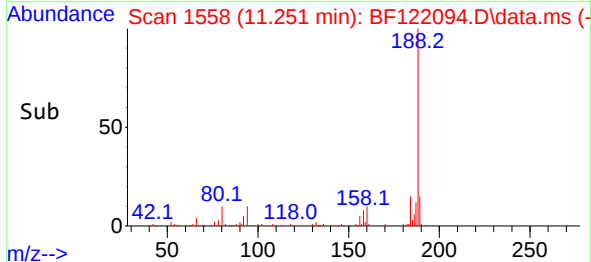
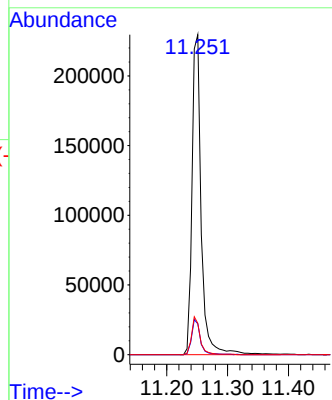
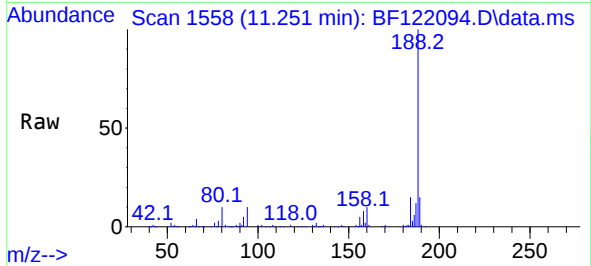




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

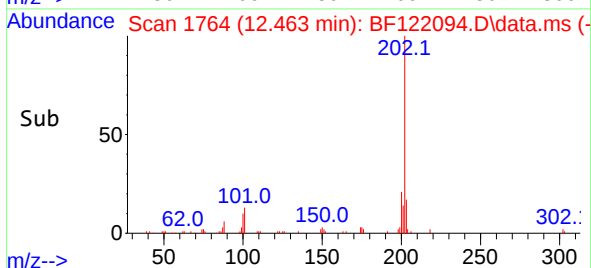
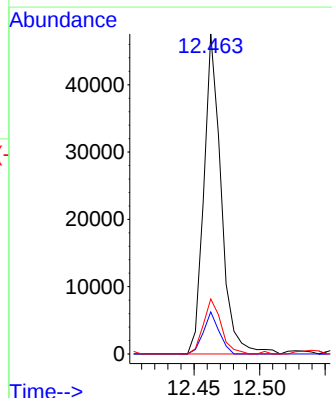
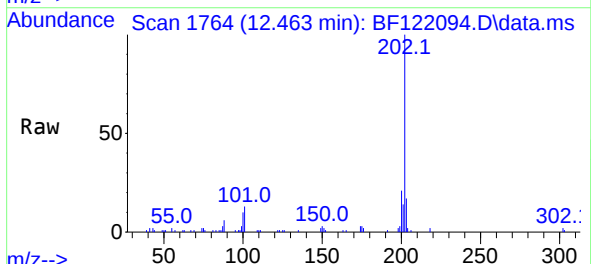
Instrument :
BNA_F
ClientSampled :
37B

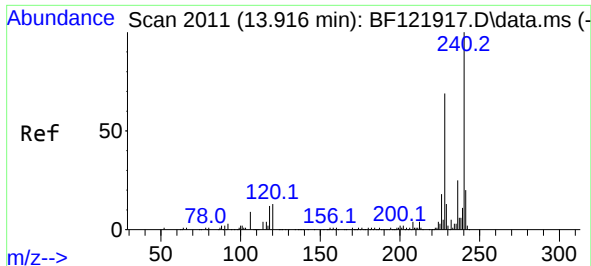
Tgt Ion:188 Resp: 241455
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 9.8 9.1 13.7



#75
Fluoranthene
Concen: 3.08 ng
RT: 12.463 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

Tgt Ion:202 Resp: 43734
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.4
203 17.2 0.0 37.9

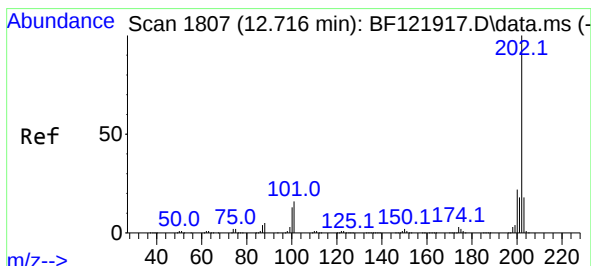
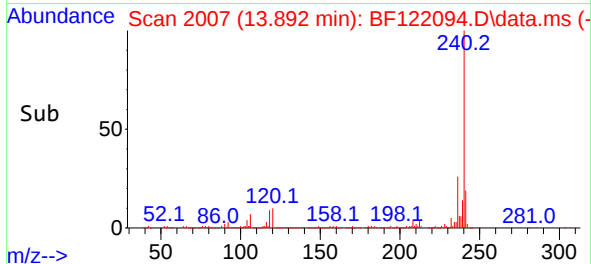
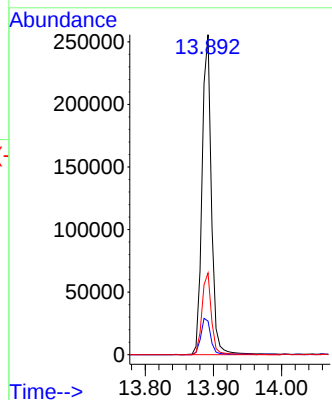
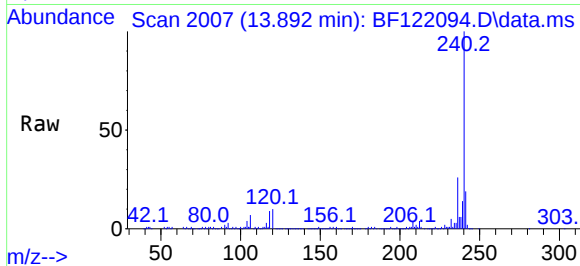




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

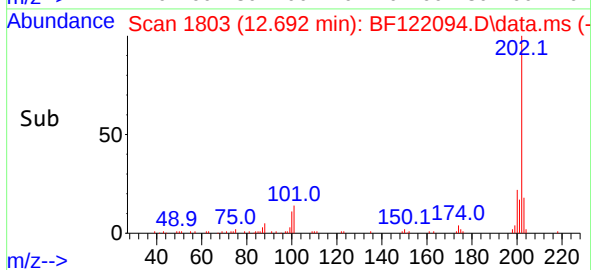
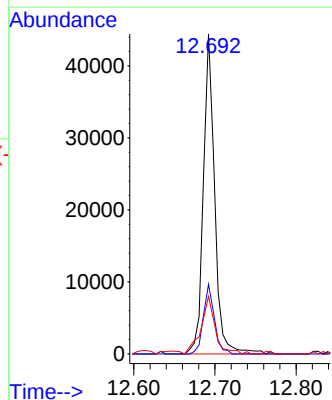
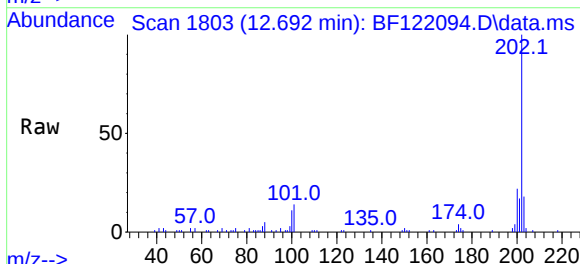
Instrument :
BNA_F
ClientSampled :
37B

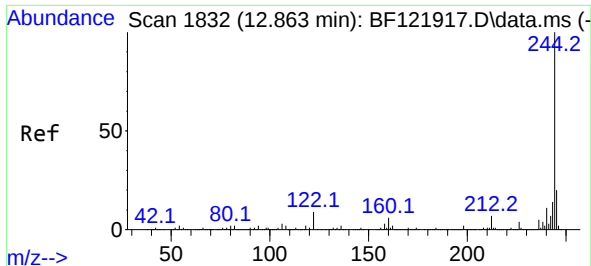
Tgt Ion:240 Resp: 244569
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 25.6 20.9 31.3



#78
Pyrene
Concen: 2.31 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

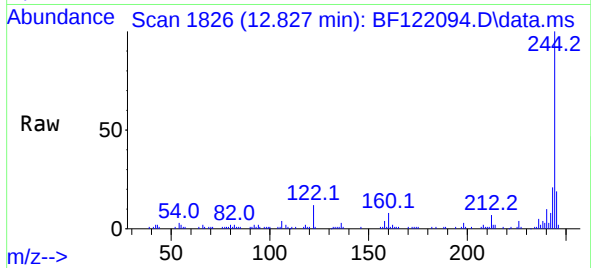
Tgt Ion:202 Resp: 43144
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 18.0 14.6 21.8



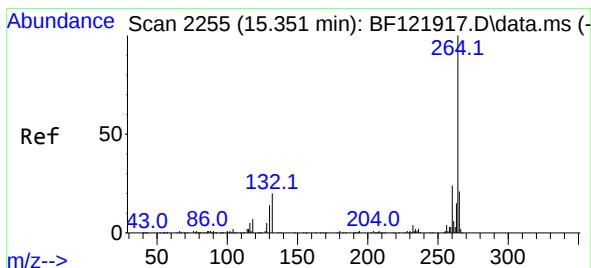
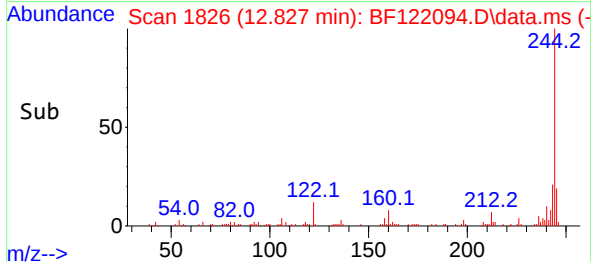
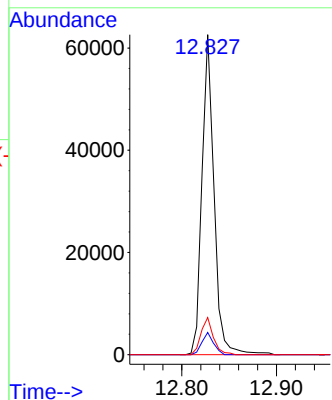


#79
Terphenyl-d14
Concen: 4.34 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122094.D
Acq: 22 Oct 2020 20:36

Instrument :
BNA_F
ClientSampled :
37B



Tgt Ion:244 Resp: 55644
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.6 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: BF122094.D
Acq: 22 Oct 2020 20:36

Tgt Ion:264 Resp: 219360
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.4 17.3 25.9

