

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101177.D
 Acq On : 6 Dec 2017 19:32
 Operator : SJ/JU
 Sample : I6738-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20

Quant Time: Dec 07 00:41:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

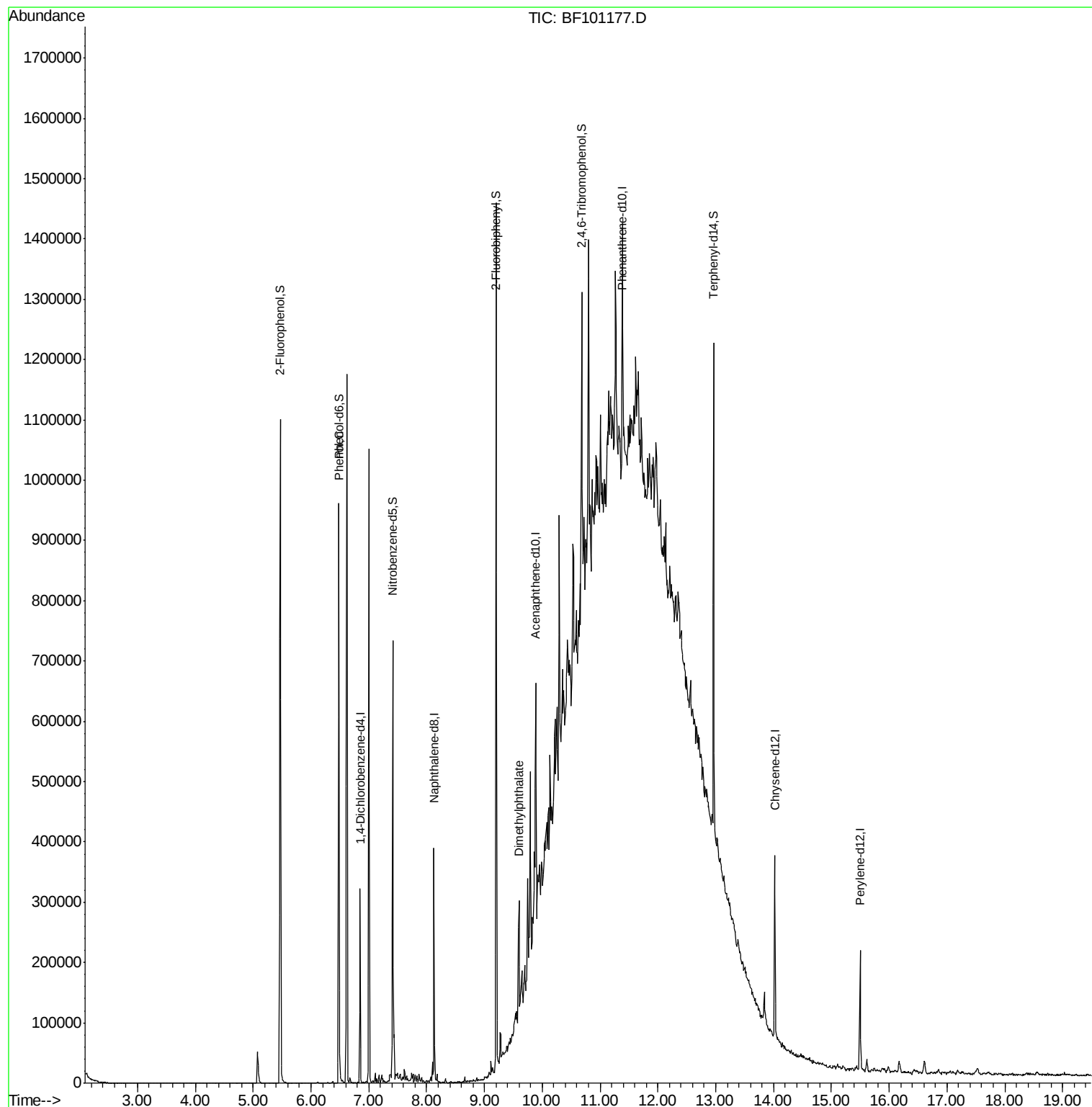
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	46502	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	174549	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	73154	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	106602	20.00	ng	0.01
75) Chrysene-d12	14.02	240	100253	20.00	ng	0.00
86) Perylene-d12	15.50	264	97601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	307634	109.32	ng	0.00
7) Phenol-d6	6.48	99	364894	106.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	218719	74.75	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	72054	81.99	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	438712	82.05	ng	0.00
78) Terphenyl-d14	12.96	244	292053	63.72	ng	0.00
Target Compounds						
10) Phenol	6.49	94	8440	2.222	ng	77
49) Dimethylphthalate	9.60	163	43485	7.371	ng	# 98

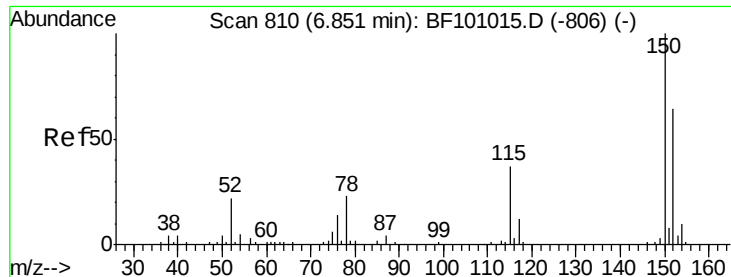
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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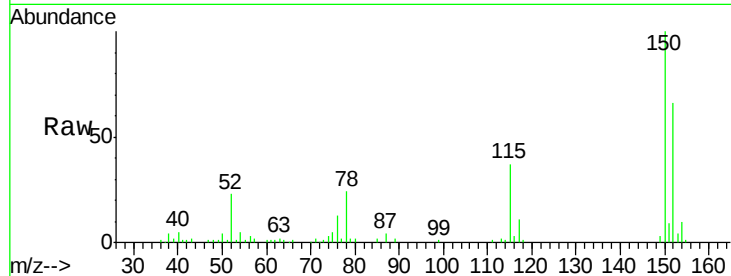


#1

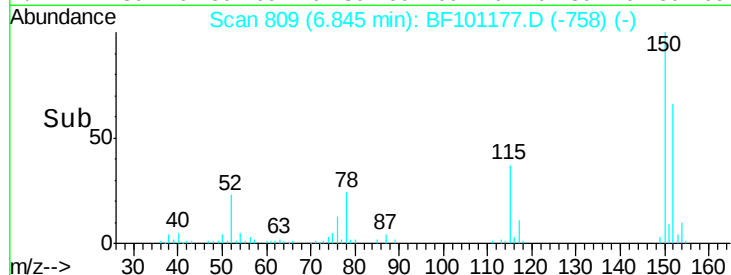
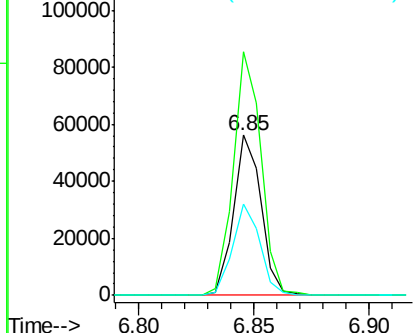
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

Instrument :
BNA_F
ClientSampleId :
88-20-90-20

Tot Ion:152 Resp: 46502
Ion Ratio Lower Upper
152 100
150 152.3 124.6 186.8
115 56.9 50.1 75.1



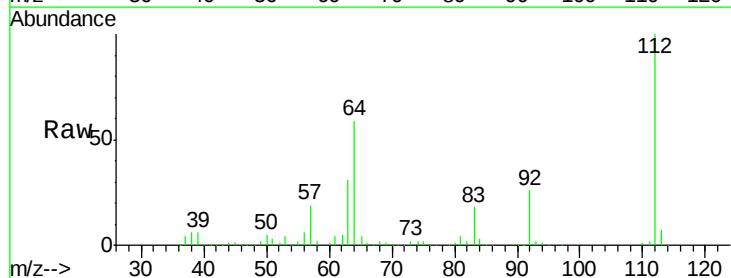
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



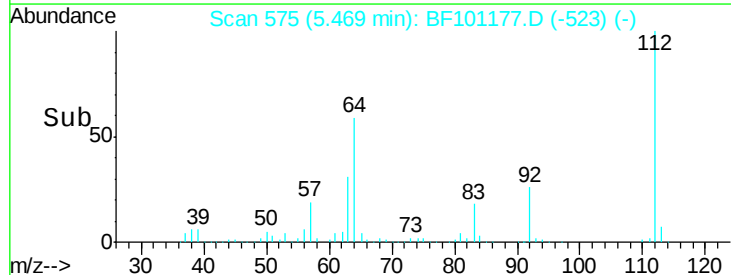
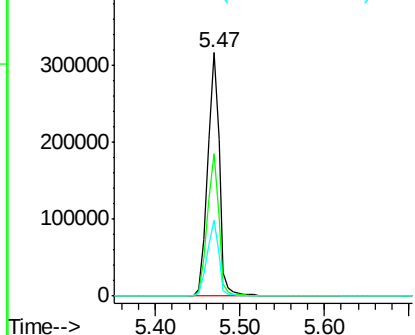
#5

2-Fluorophenol
Concen: 109.317 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

Tgt Ion:112 Resp: 307634
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.799 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

Instrument :

BNA_F

ClientSampleId :

88-20-90-20

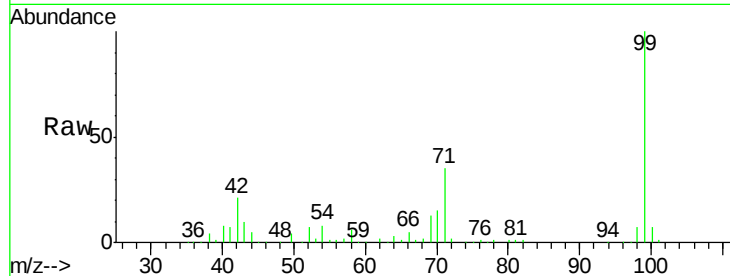
Tot Ion: 99 Resp: 364894

Ion Ratio Lower Upper

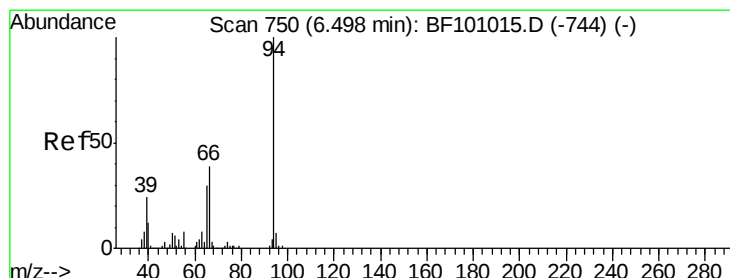
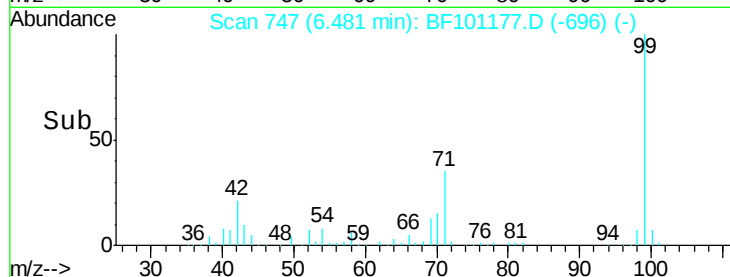
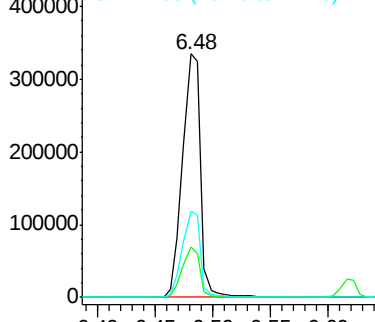
99 100

42 20.7 14.5 21.7

71 35.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.222 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

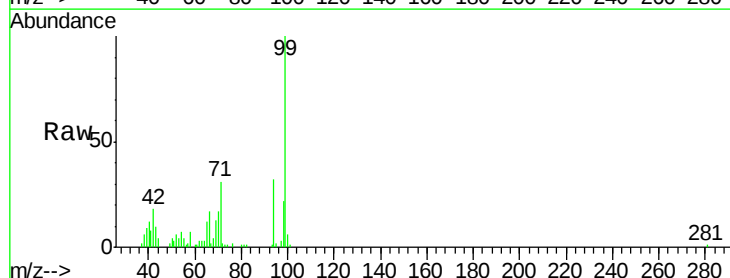
Tgt Ion: 94 Resp: 8440

Ion Ratio Lower Upper

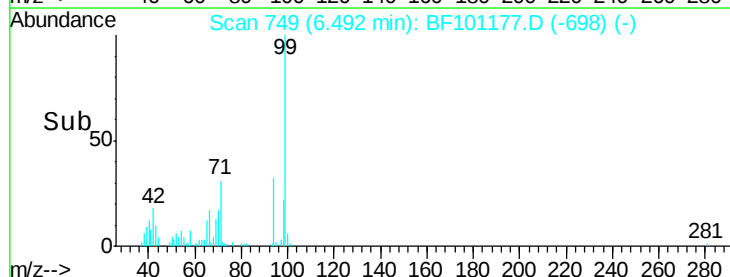
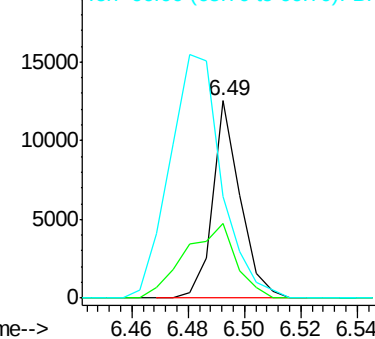
94 100

65 37.8 7.9 47.9

66 51.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

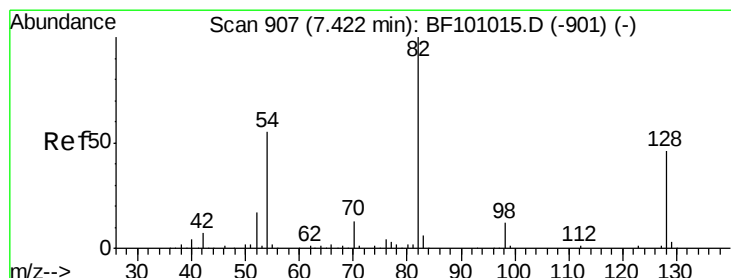
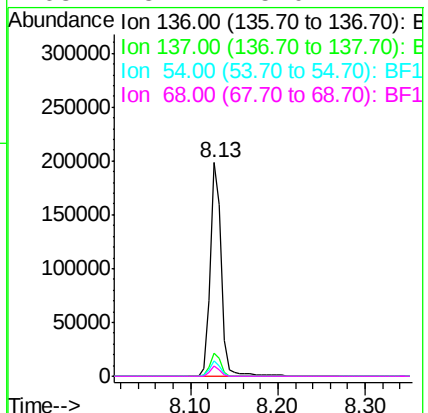
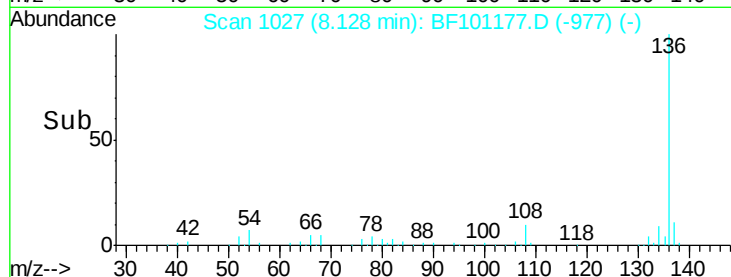
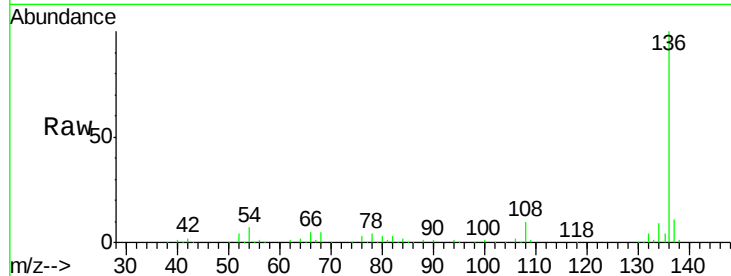




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

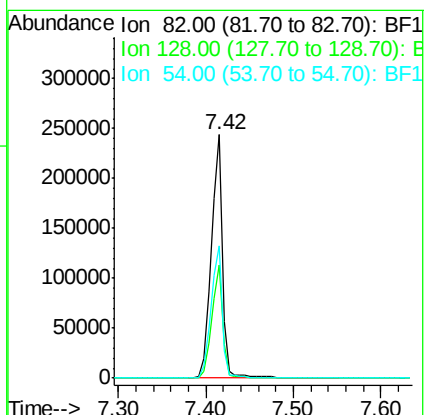
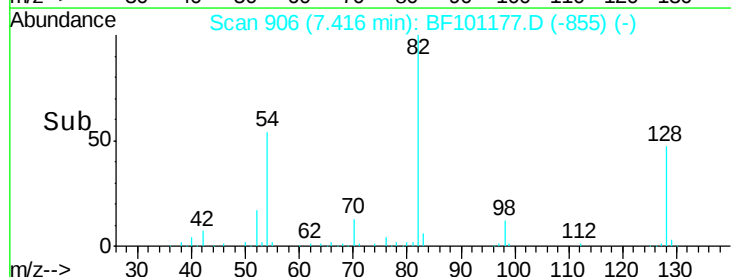
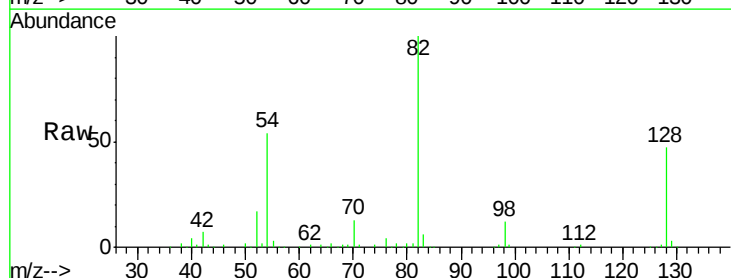
Instrument :
BNA_F
ClientSampleId :
88-20-90-20

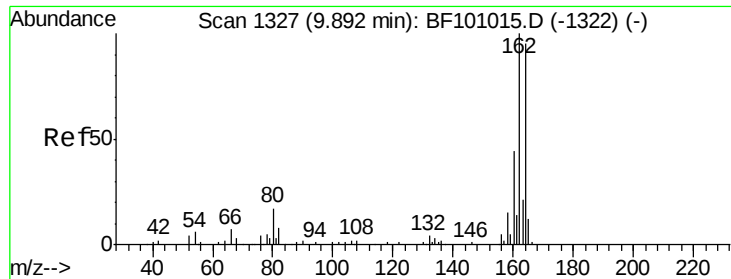
Tot Ion:136	Resp:	174549
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.5	6.6 9.8
68	5.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 74.748 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

Tgt Ion: 82	Resp:	218719
Ion	Ratio	Lower Upper
82	100	
128	46.6	36.1 54.1
54	54.5	41.4 62.2

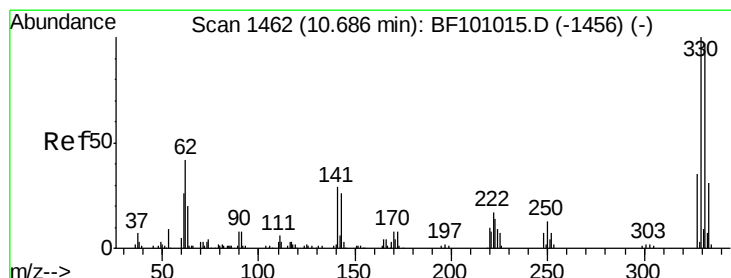
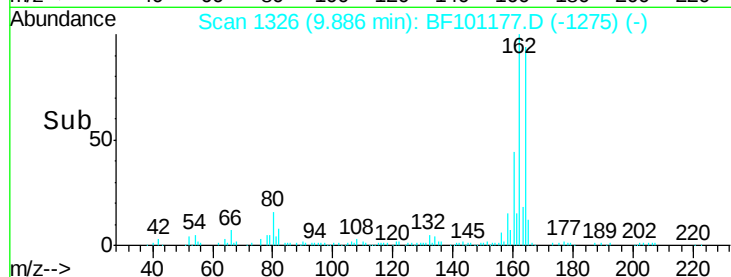
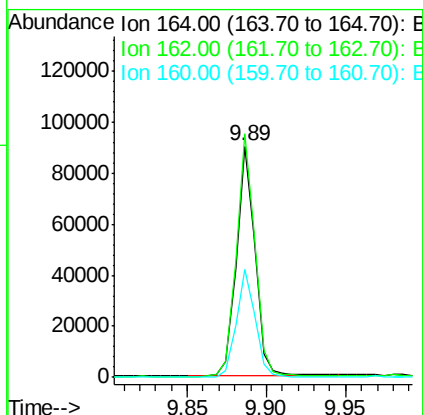
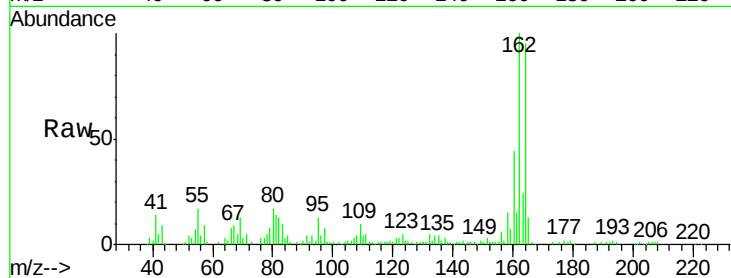




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

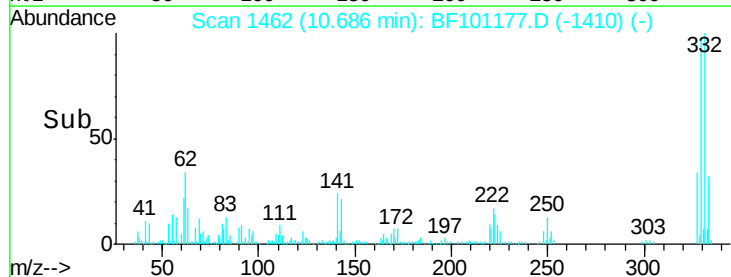
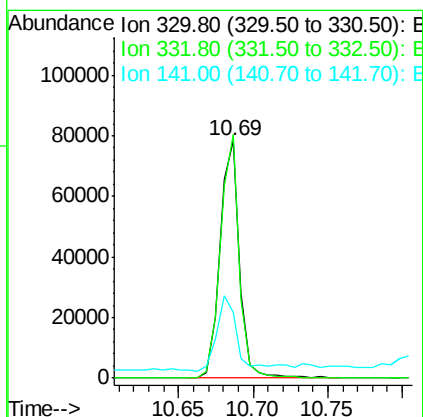
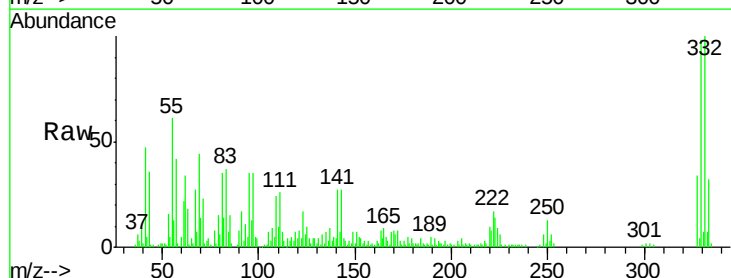
Instrument :
BNA_F
ClientSampleId :
88-20-90-20

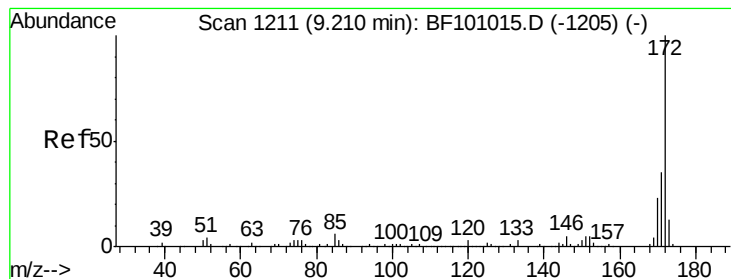
Tot Ion:164 Resp: 73154
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 46.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 81.993 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

Tgt Ion:330 Resp: 72054
Ion Ratio Lower Upper
330 100
332 99.0 77.0 115.6
141 32.2 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 82.052 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

Instrument :

BNA_F

ClientSampleId :

88-20-90-20

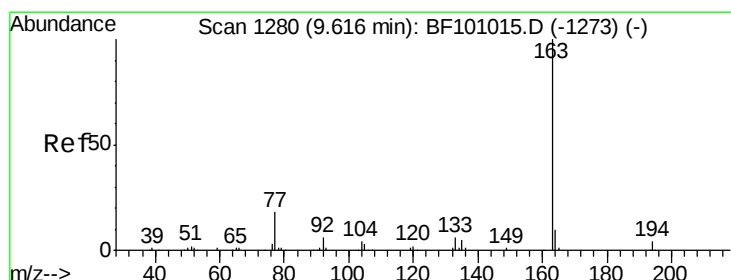
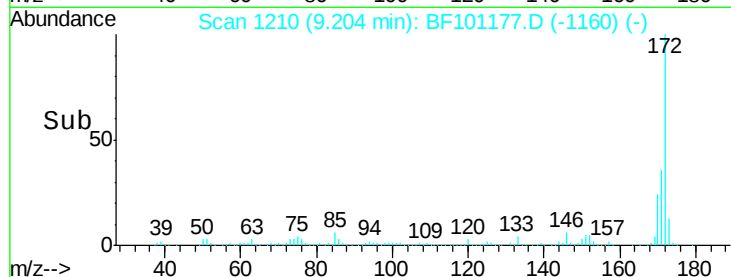
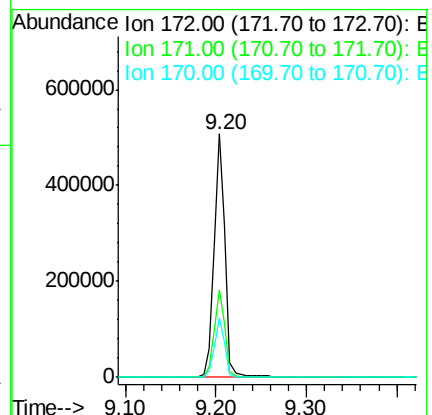
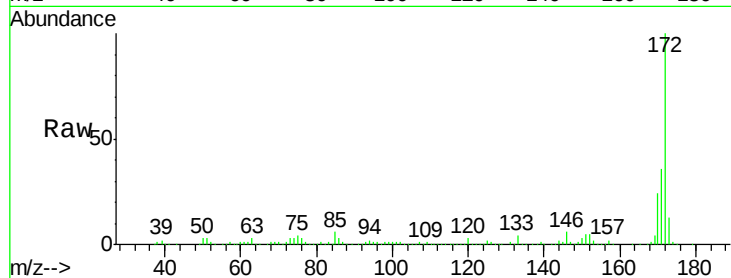
Tot Ion:172 Resp: 438712

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

170 24.1 19.6 29.4



#49

Dimethylphthalate

Concen: 7.371 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

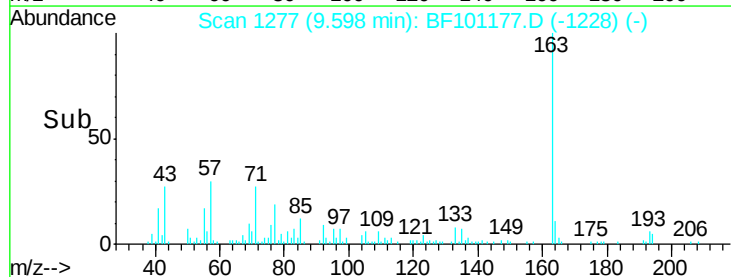
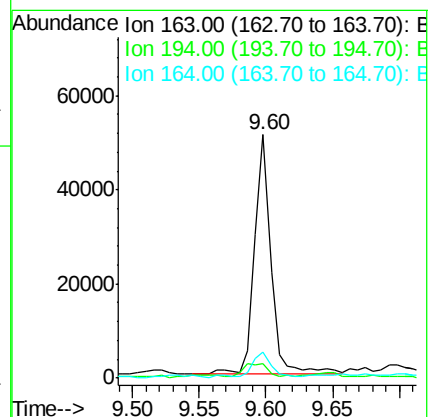
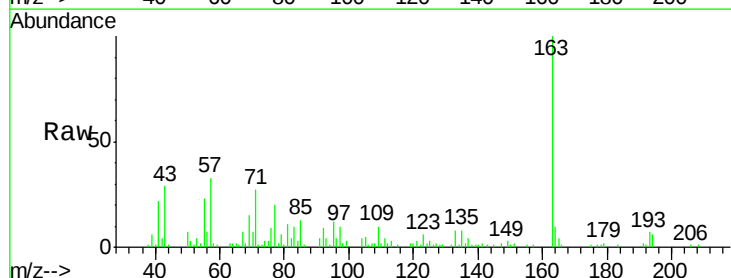
Tgt Ion:163 Resp: 43485

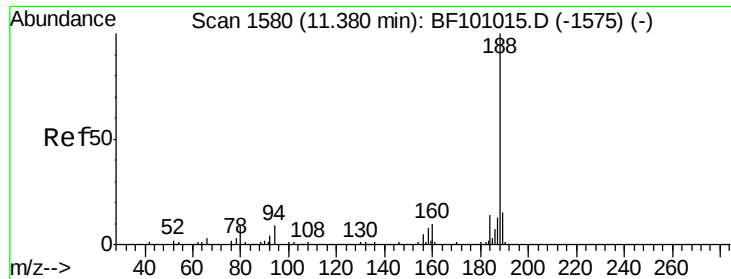
Ion Ratio Lower Upper

163 100

194 5.8 2.7 4.1#

164 10.5 8.2 12.2

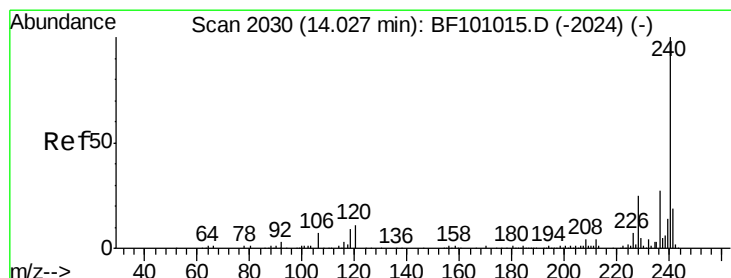
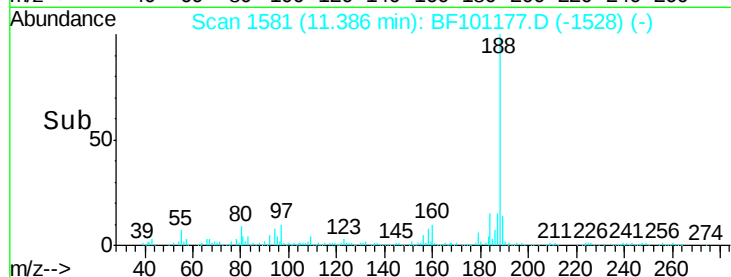
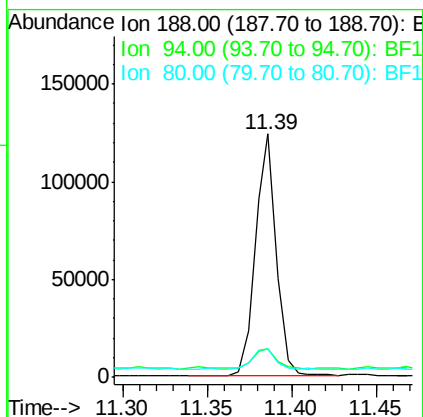
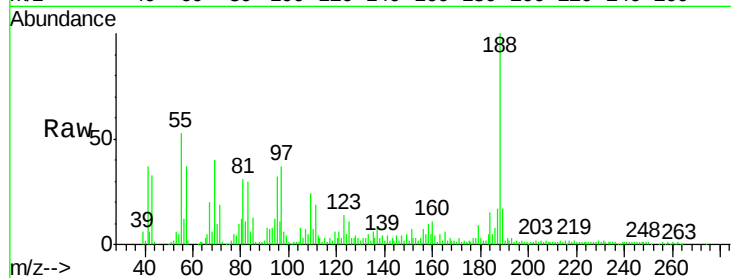




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

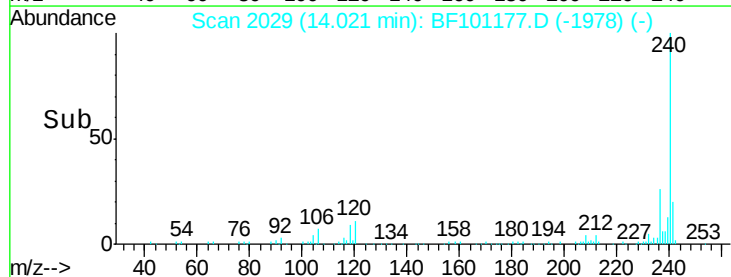
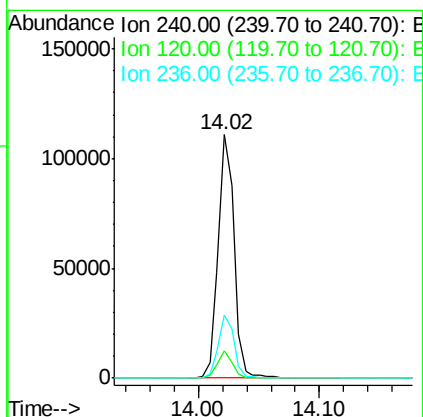
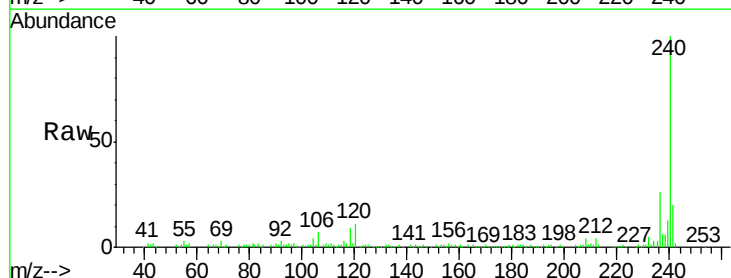
Instrument :
BNA_F
ClientSampleId :
88-20-90-20

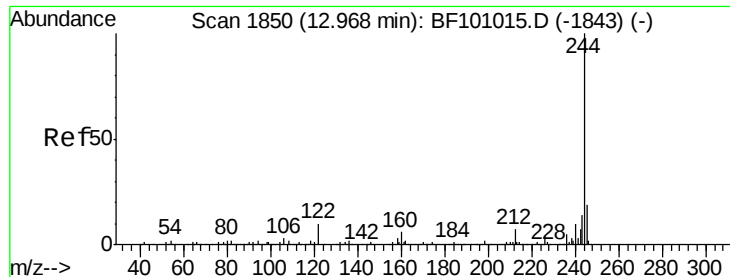
Tot Ion:188 Resp: 106602
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

Tgt Ion:240 Resp: 100253
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 63.718 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

Instrument :

BNA_F

ClientSampleId :

88-20-90-20

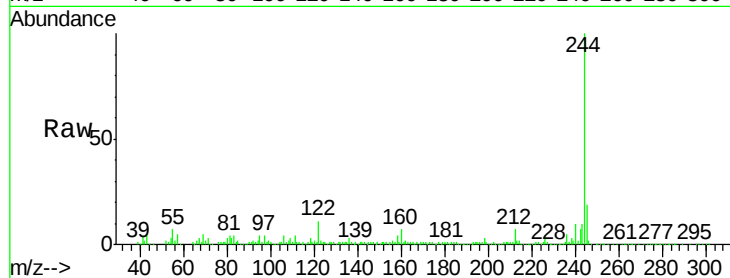
Tot Ion:244 Resp: 292053

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

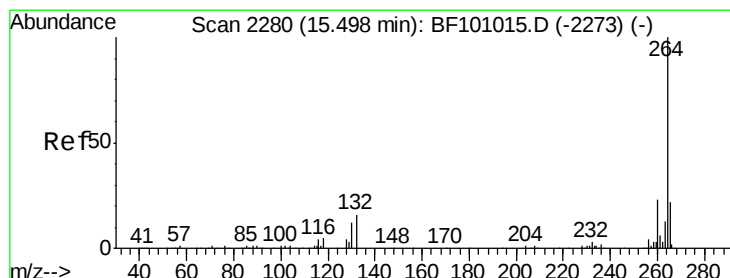
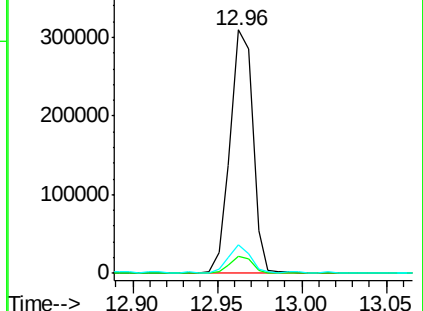
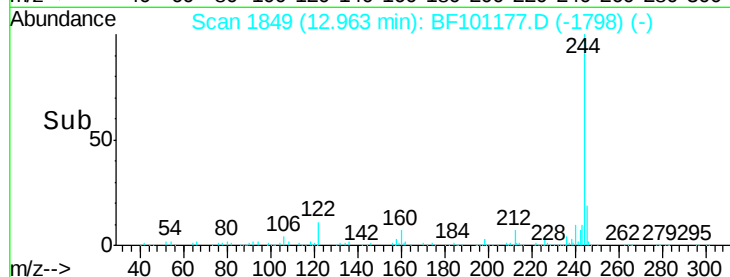
122 11.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

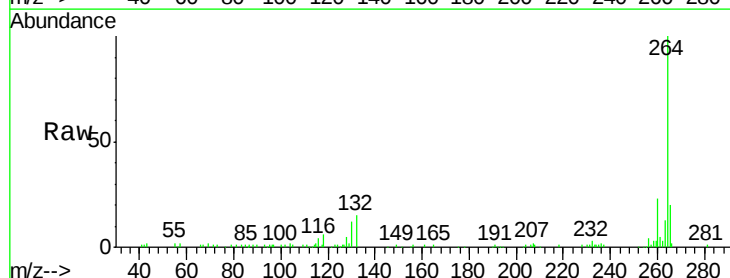
Tgt Ion:264 Resp: 97601

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

