

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099555.D
 Acq On : 16 Oct 2017 20:27
 Operator : SJ/JU
 Sample : I5782-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2(1-3)

Quant Time: Oct 17 01:56:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

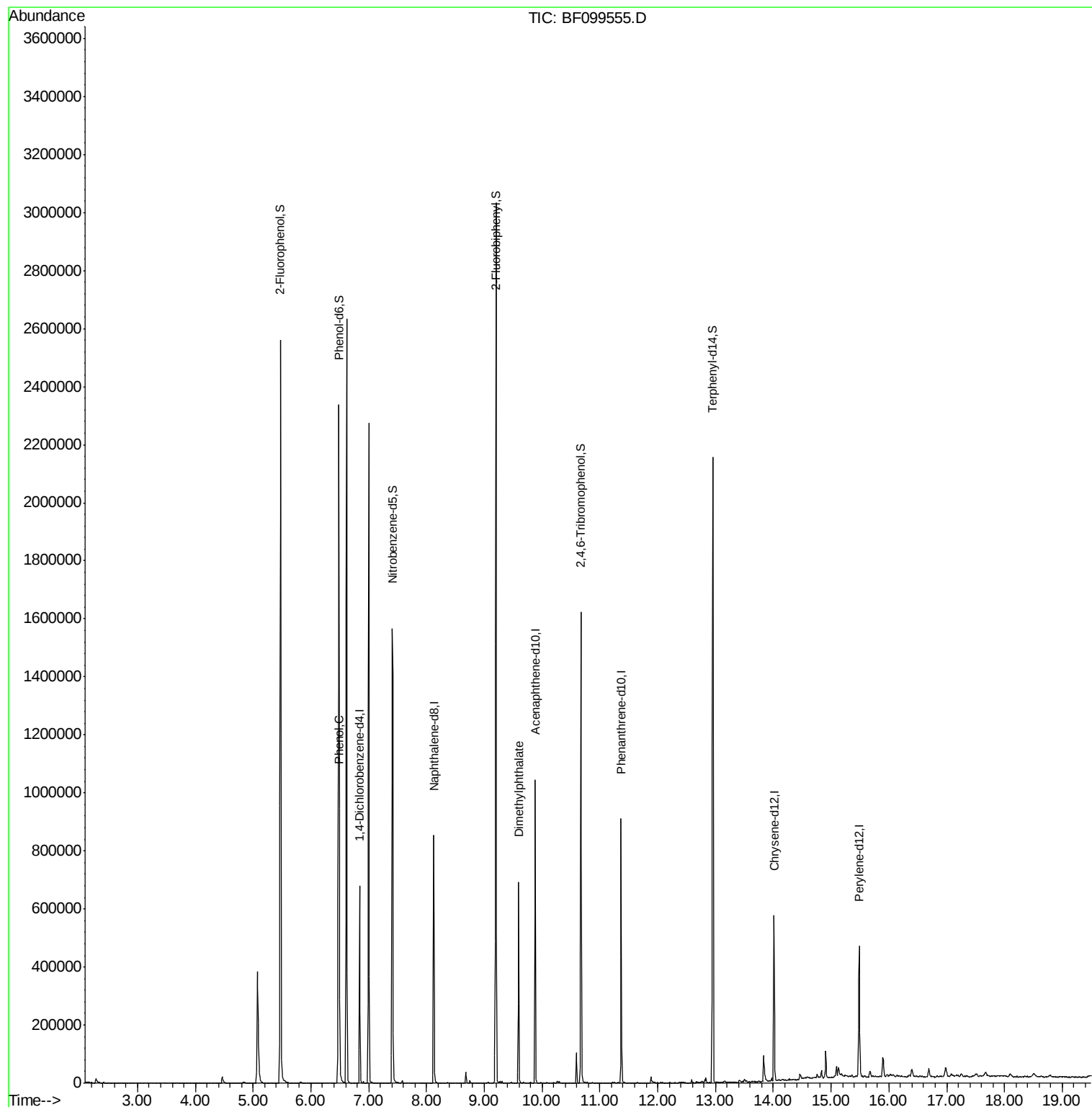
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103352	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	431416	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	192243	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	307714	20.00	ng	0.00
75) Chrysene-d12	14.02	240	191027	20.00	ng	0.00
86) Perylene-d12	15.49	264	195393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	847585	130.55	ng	0.00
7) Phenol-d6	6.49	99	1003339	125.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	610105	90.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	192877	122.61	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1081257	93.90	ng	0.00
78) Terphenyl-d14	12.96	244	749372	89.21	ng	0.00
Target Compounds						
10) Phenol	6.50	94	80800	9.021	ng	93
49) Dimethylphthalate	9.59	163	271486	18.711	ng	100

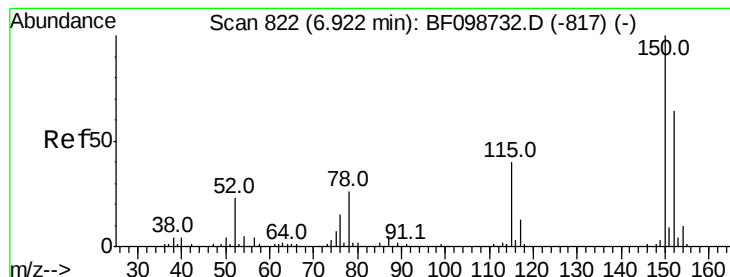
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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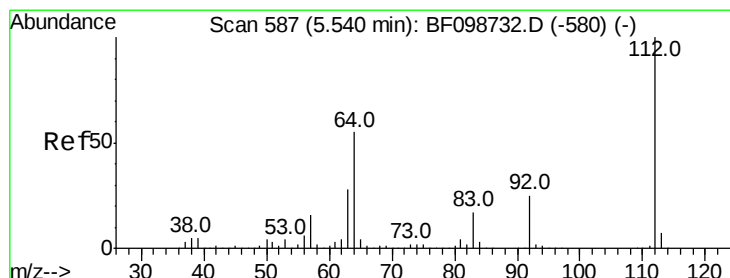
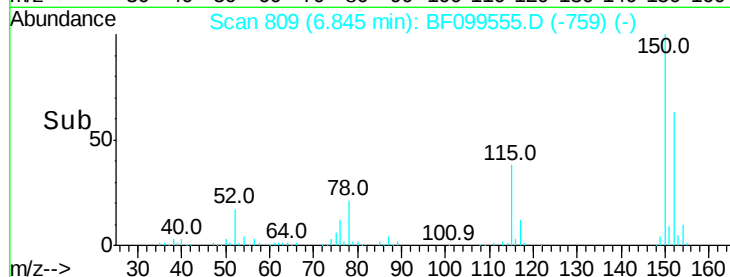
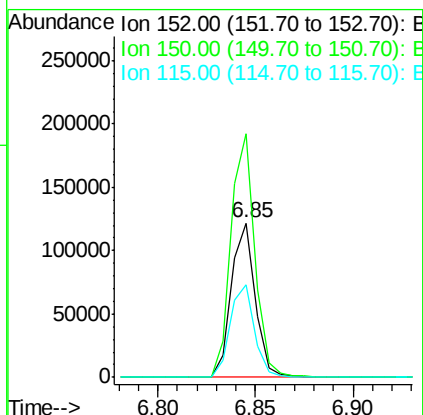
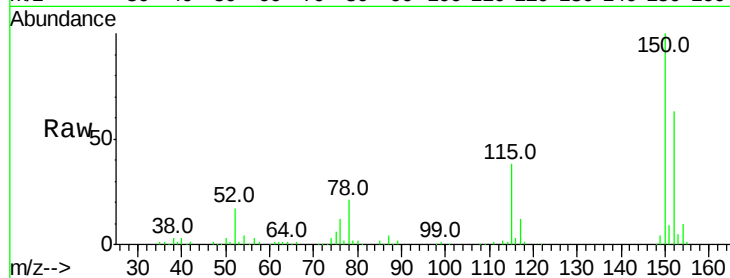


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099555.D
 Acq: 16 Oct 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 S2(1-3)

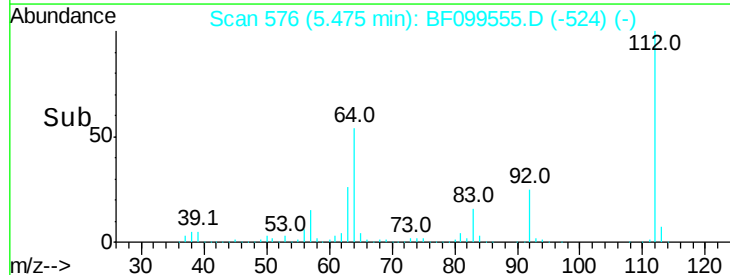
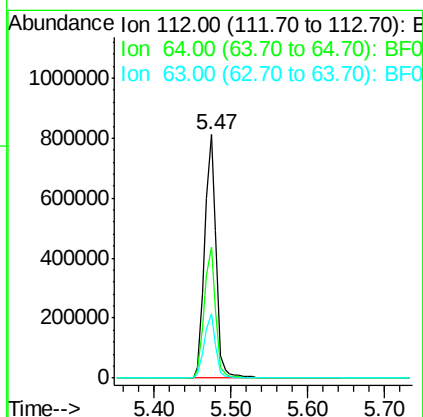
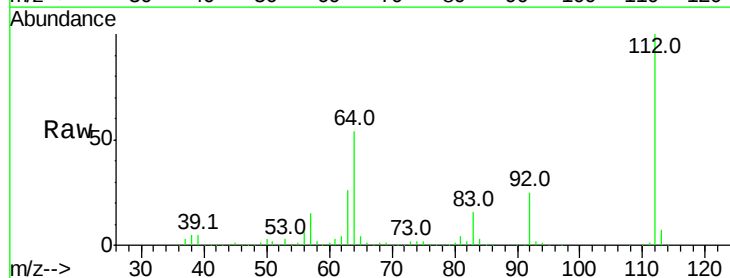
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	59.9	50.1	75.1



#5

2-Fluorophenol
 Concen: 130.551 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099555.D
 Acq: 16 Oct 2017 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	26.4	23.7	35.5





#7

Phenol-d6

Concen: 125.275 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

Instrument :

BNA_F

ClientSampleId :

S2(1-3)

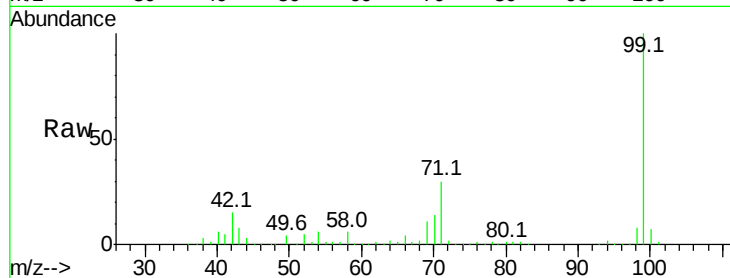
Tot Ion: 99 Resp: 1003339

Ion Ratio Lower Upper

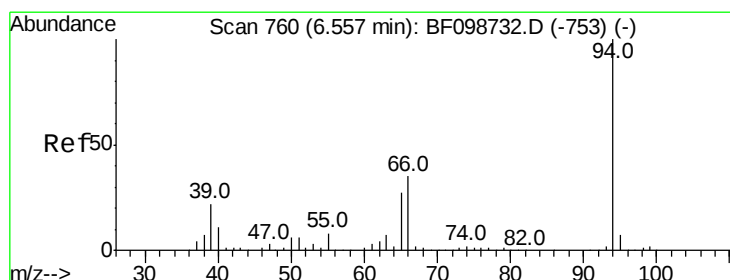
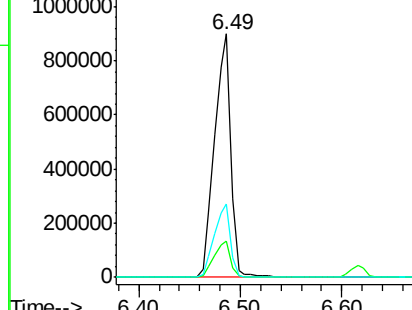
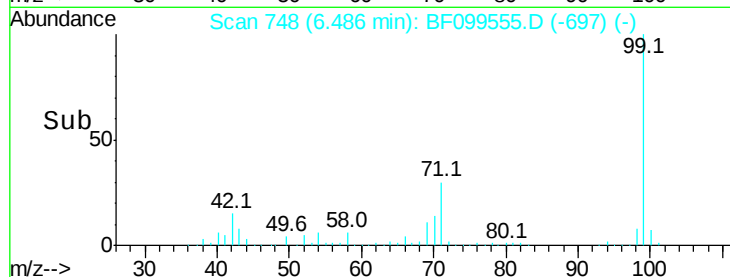
99 100

42 14.8 14.5 21.7

71 30.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 9.021 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

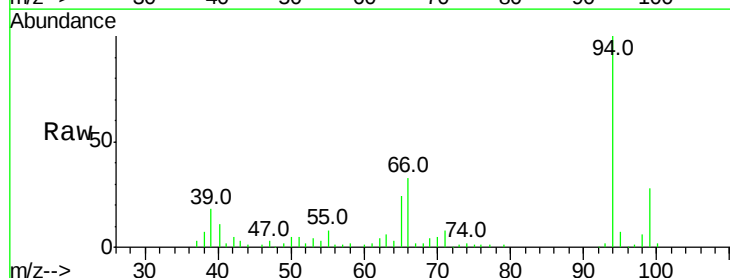
Tgt Ion: 94 Resp: 80800

Ion Ratio Lower Upper

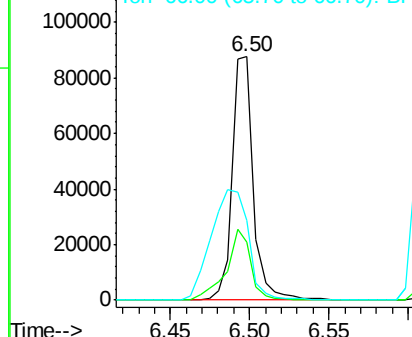
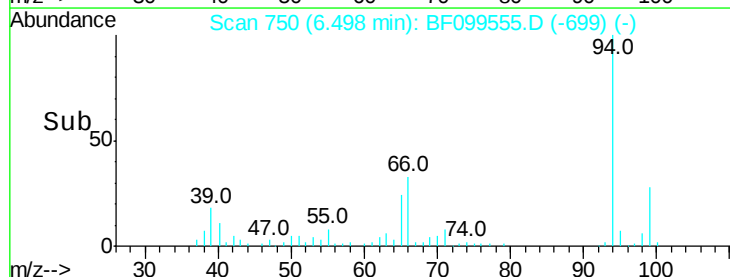
94 100

65 23.6 7.9 47.9

66 32.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

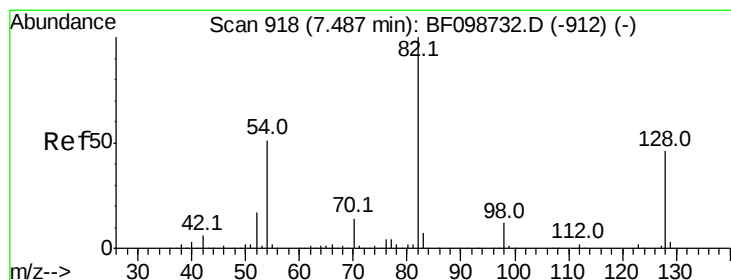
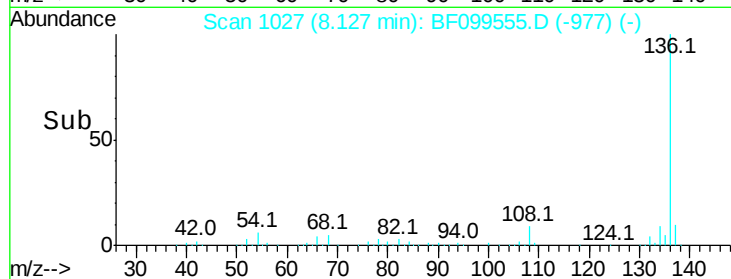
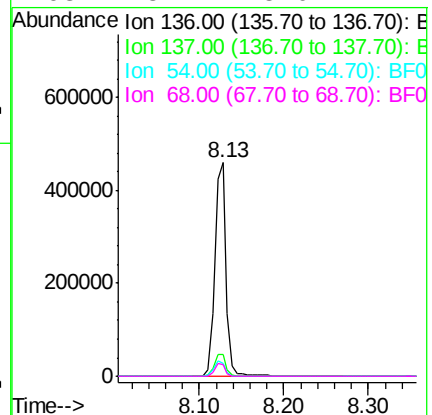
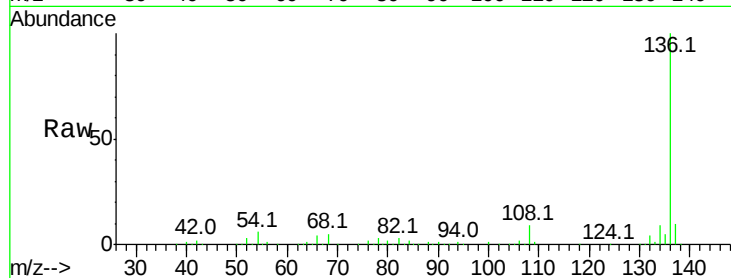




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

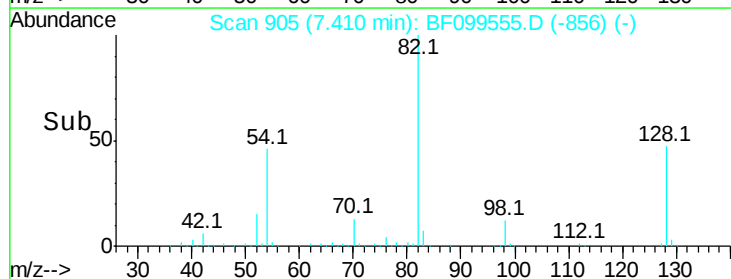
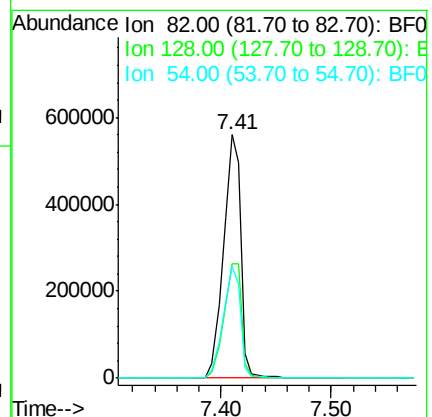
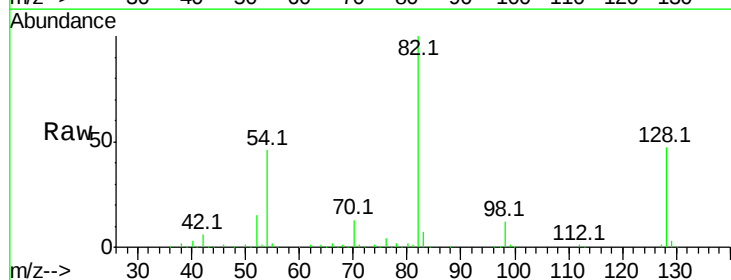
Instrument :
BNA_F
ClientSampleId :
S2(1-3)

Tot Ion:	136	Resp:	431416
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 90.692 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

Tgt Ion:	82	Resp:	610105
Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	45.9	41.4	62.2

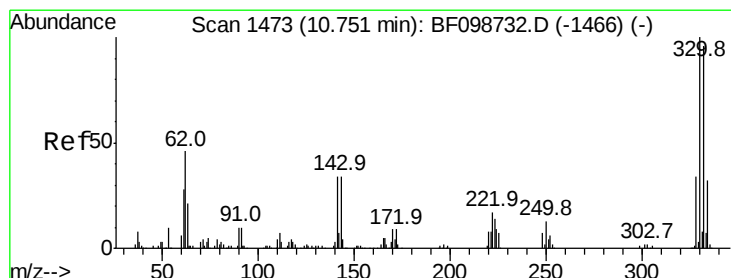
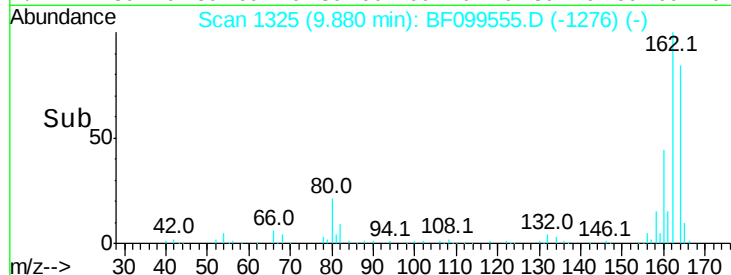
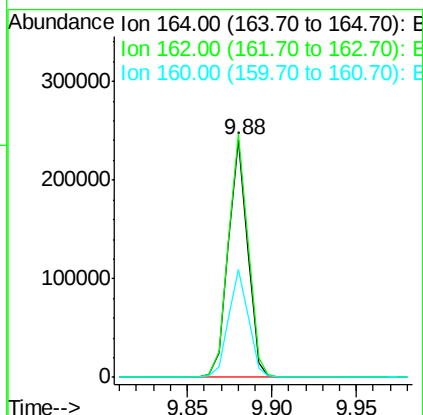
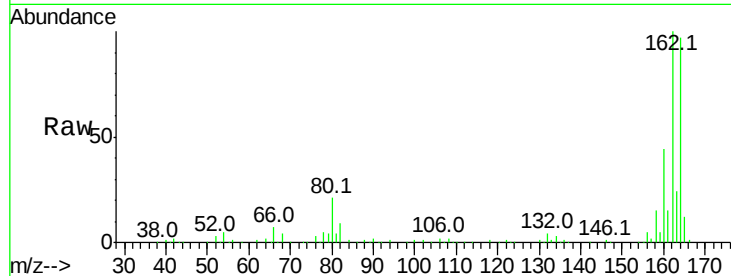




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

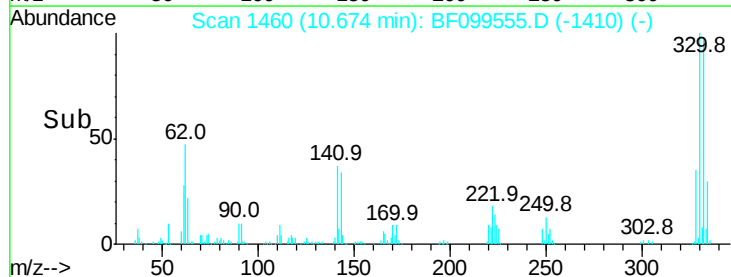
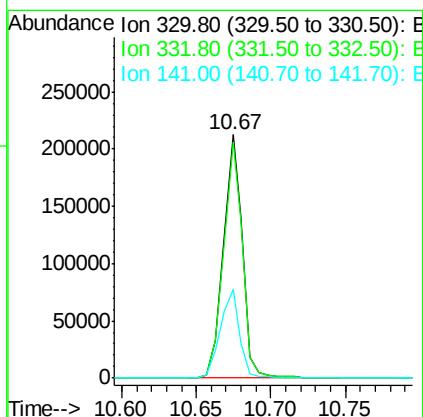
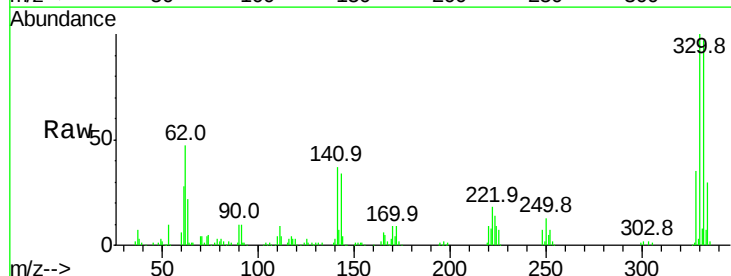
Instrument :
BNA_F
ClientSampleId :
S2(1-3)

Tot Ion:164 Resp: 192243
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 45.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 122.612 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

Tgt Ion:330 Resp: 192877
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 37.2 29.9 44.9

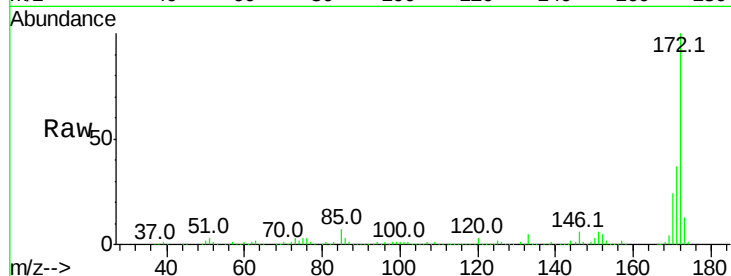




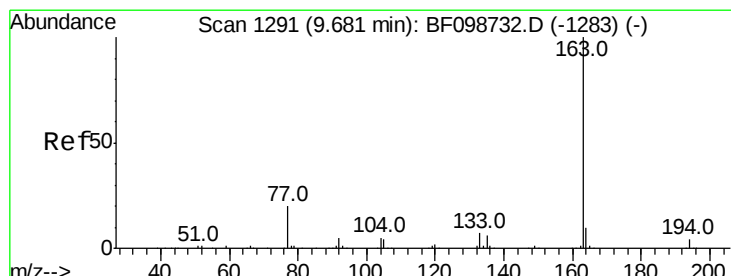
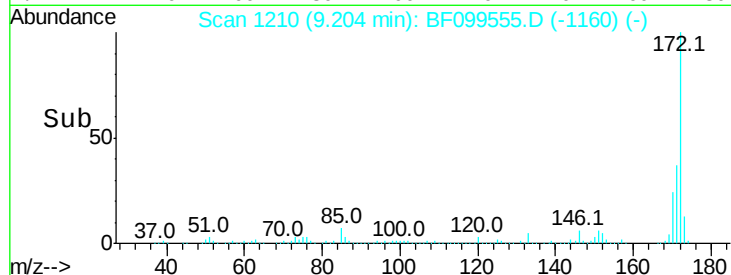
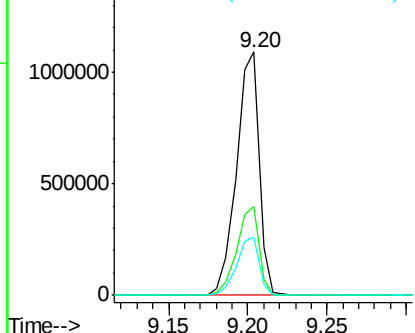
#44
2-Fluorobiphenyl
Concen: 93.895 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

Instrument :
BNA_F
ClientSampled :
S2(1-3)

Tot Ion:172 Resp: 1081257
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.1 19.6 29.4

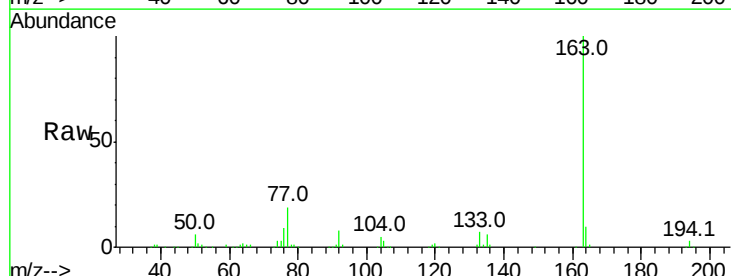


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

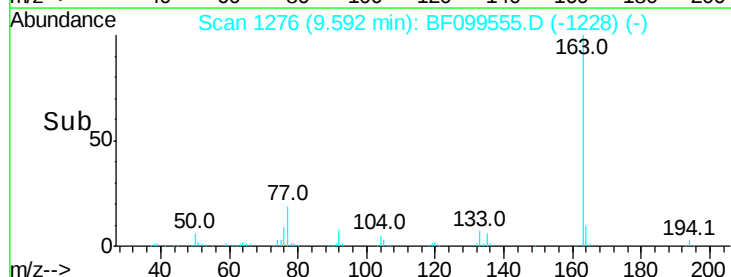
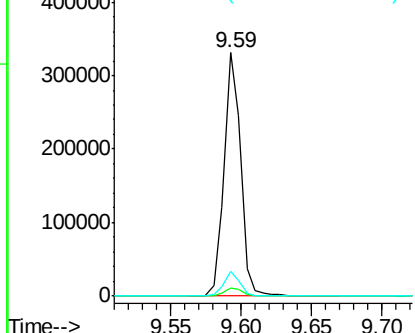


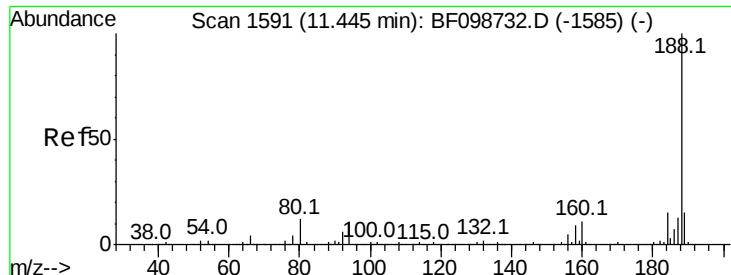
#49
Dimethylphthalate
Concen: 18.711 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

Tgt Ion:163 Resp: 271486
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

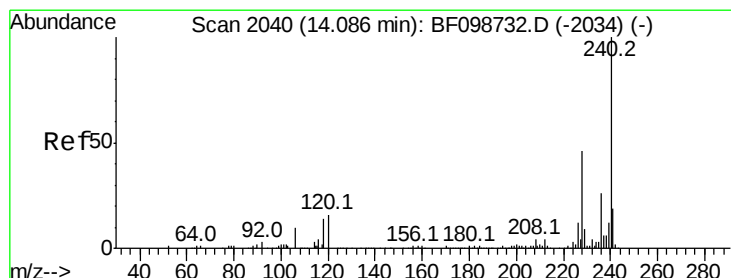
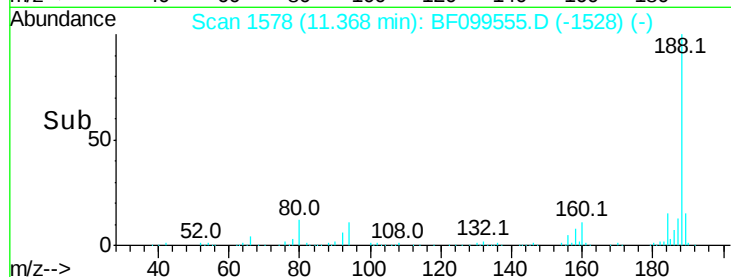
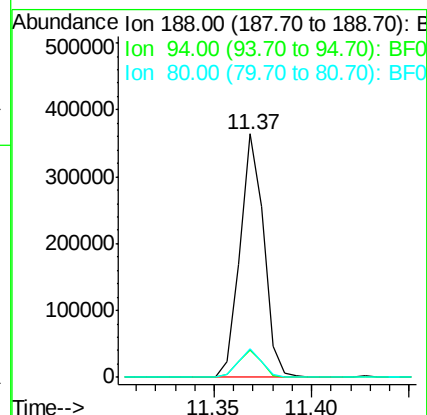
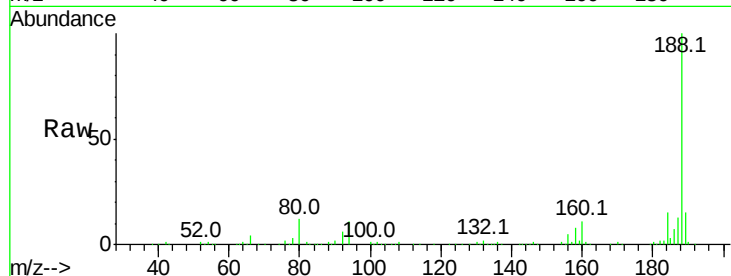




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

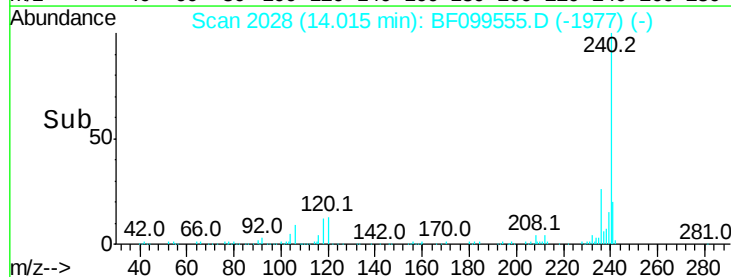
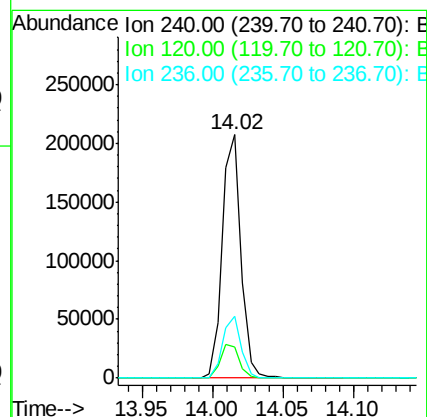
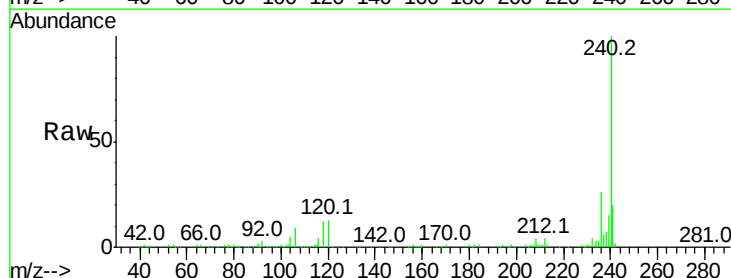
Instrument :
BNA_F
ClientSampleId :
S2(1-3)

Tot Ion:188 Resp: 307714
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

Tgt Ion:240 Resp: 191027
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 89.214 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

Instrument :

BNA_F

ClientSampleId :

S2(1-3)

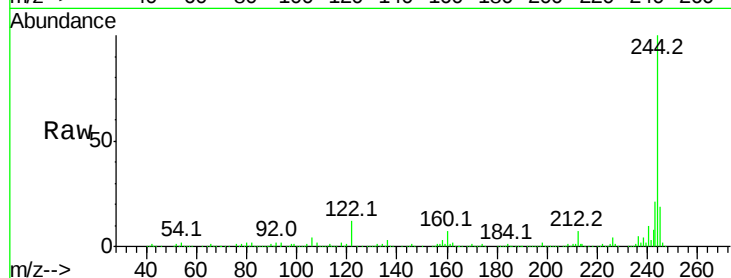
Tot Ion:244 Resp: 749372

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

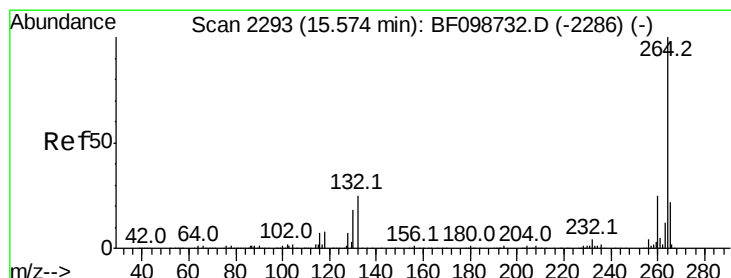
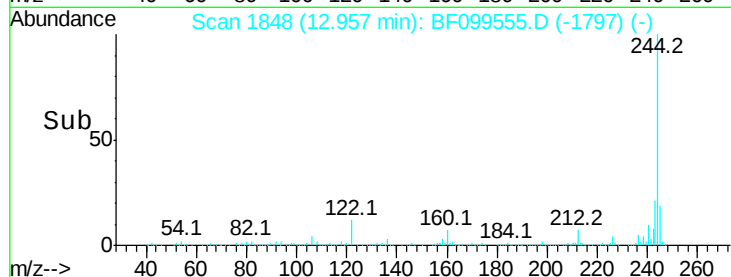
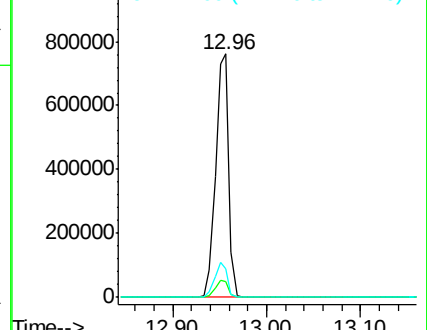
122 12.0 11.0 16.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

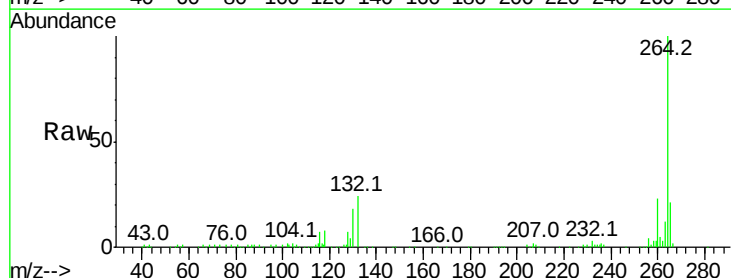
Tgt Ion:264 Resp: 195393

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.0 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

