

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095511.D
 Acq On : 27 May 2017 22:53
 Operator : SJ/MA
 Sample : I3281-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP15-D46

Quant Time: May 29 02:47:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

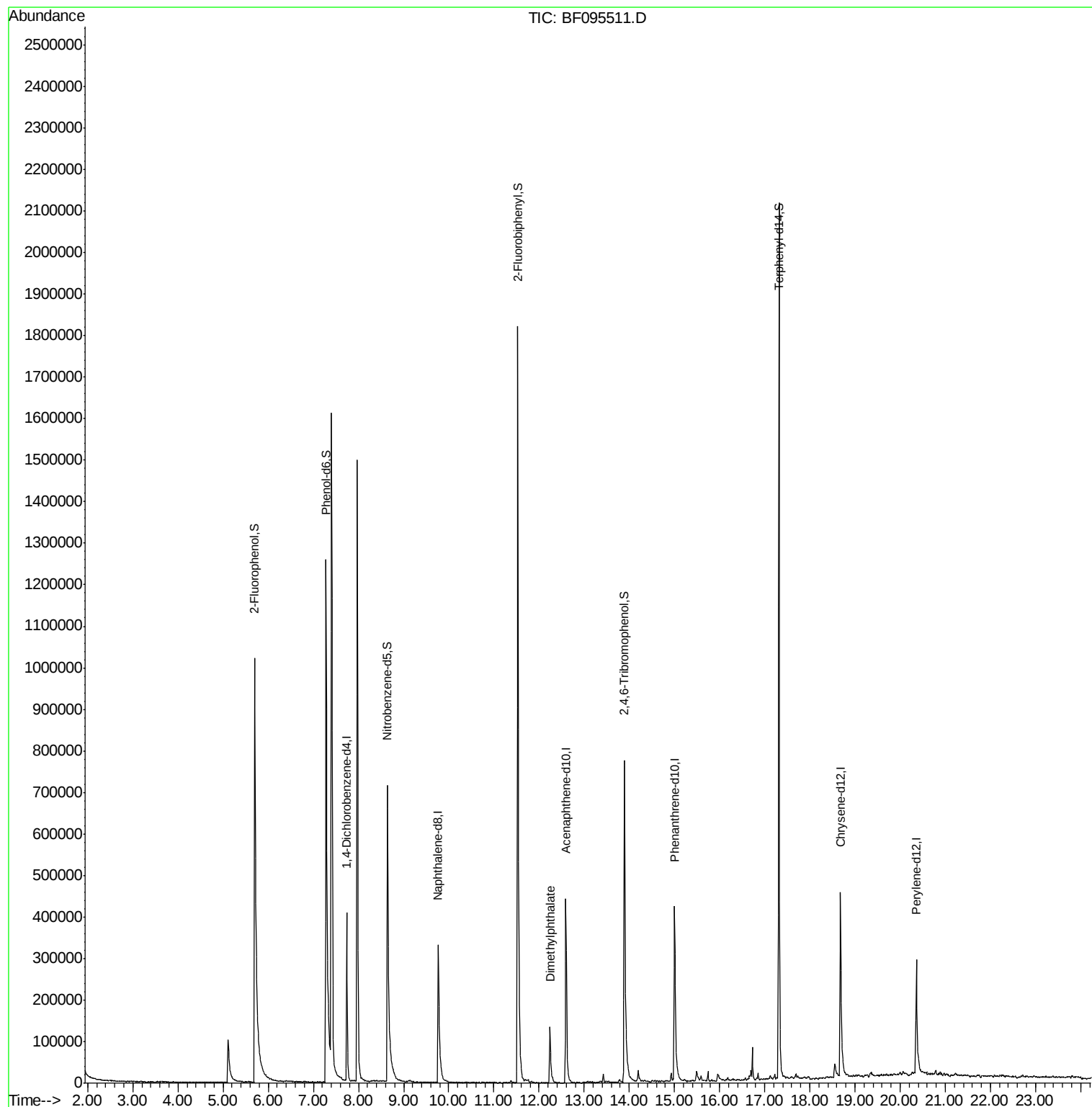
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	101617	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	415030	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	172054	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	364848	20.00	ng	0.00
75) Chrysene-d12	18.68	240	292027	20.00	ng	0.00
86) Perylene-d12	20.36	264	205369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	848917	139.28	ng	0.00
7) Phenol-d6	7.28	99	1013080	138.53	ng	-0.01
23) Nitrobenzene-d5	8.64	82	587185	89.22	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	200660	142.41	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1113974	93.19	ng	0.00
78) Terphenyl-d14	17.32	244	926541	69.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.24	163	130505	9.24	ng	Qvalue 97

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

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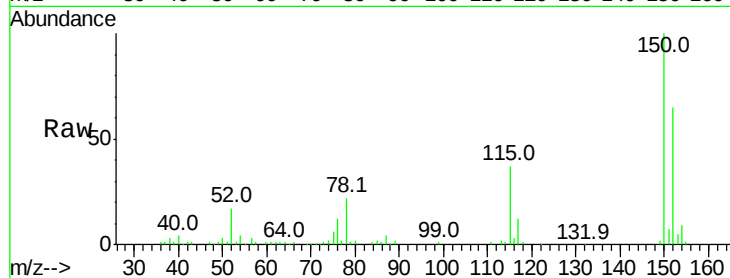


#1

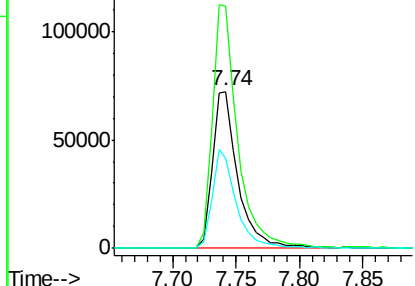
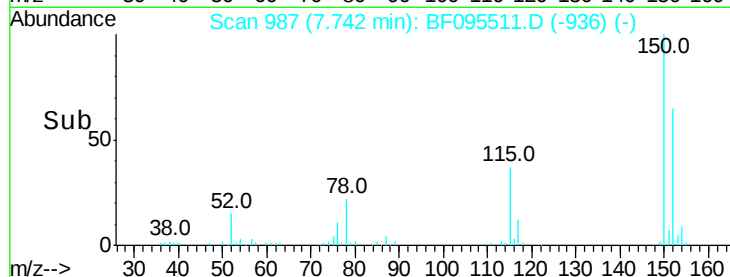
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095511.D
Acq: 27 May 2017 22:53

Instrument :
BNA_F
ClientSampleId :
R1-TP15-D46

Tot Ion:152 Resp: 101617
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 57.6 52.2 78.2



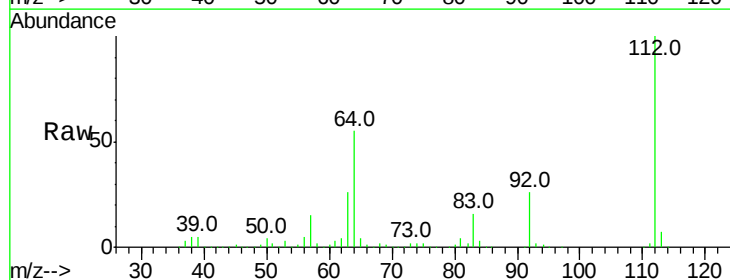
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



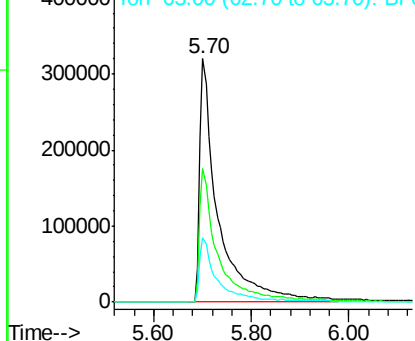
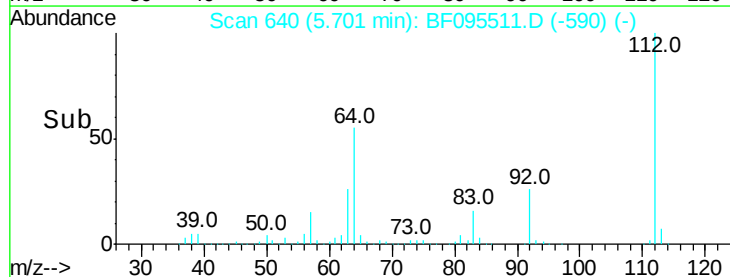
#5

2-Fluorophenol
Concen: 139.28 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095511.D
Acq: 27 May 2017 22:53

Tgt Ion:112 Resp: 848917
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 26.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.53 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095511.D

Acq: 27 May 2017 22:53

Instrument :

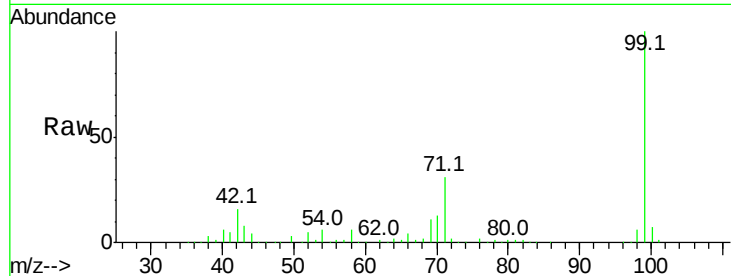
BNA_F

ClientSampleId :

R1-TP15-D46

Tot Ion: 99 Resp: 1013080

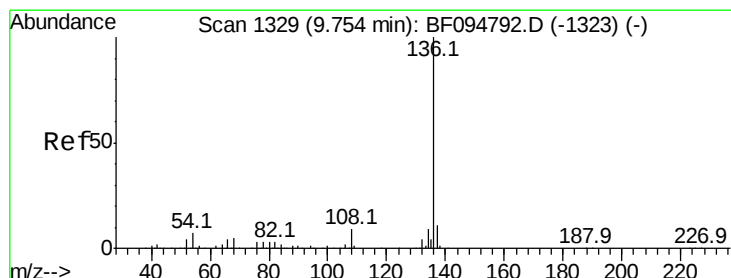
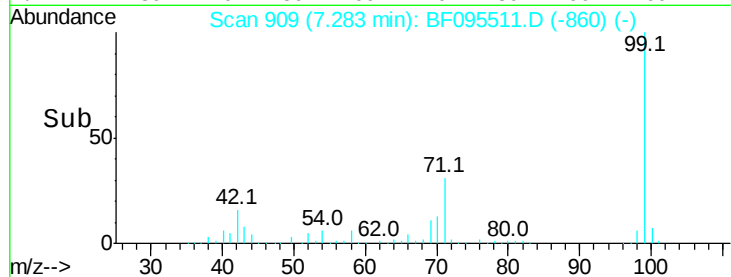
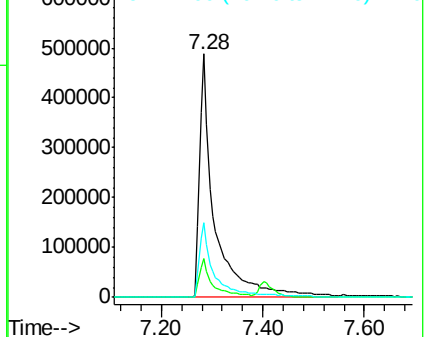
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	30.7	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

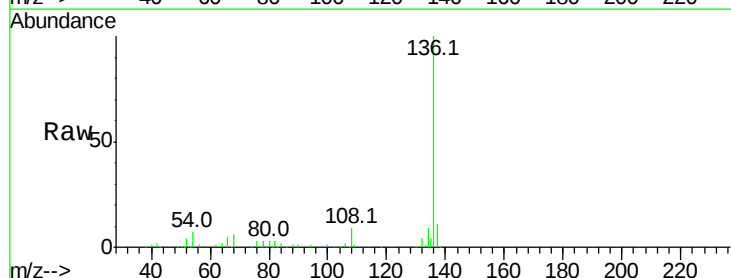
Delta R.T. 0.01 min

Lab File: BF095511.D

Acq: 27 May 2017 22:53

Tgt Ion: 136 Resp: 415030

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	7.4	4.9	7.3#
68	5.6	4.1	6.1

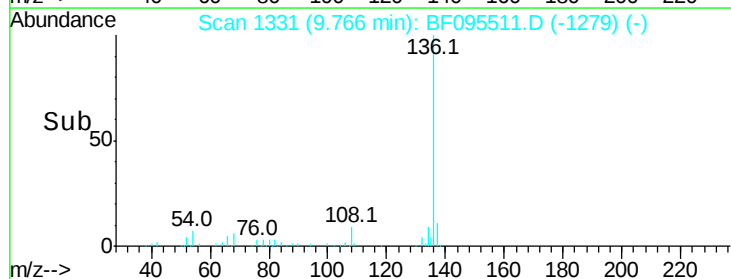
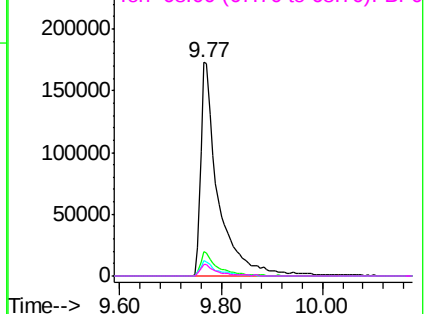


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

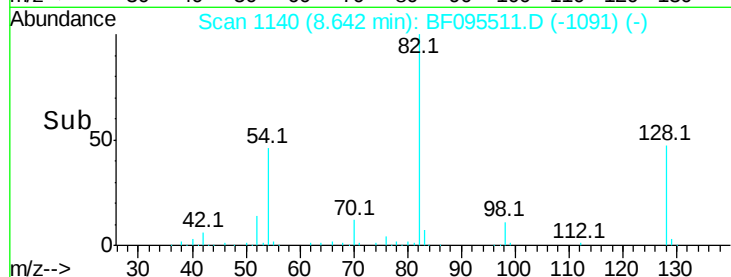
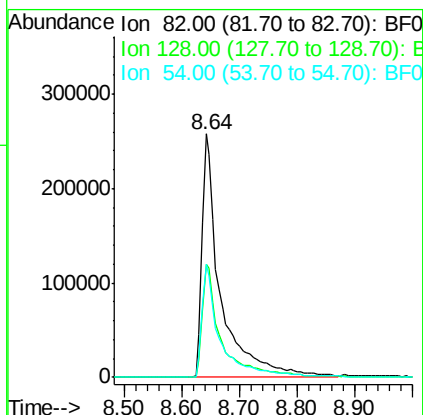
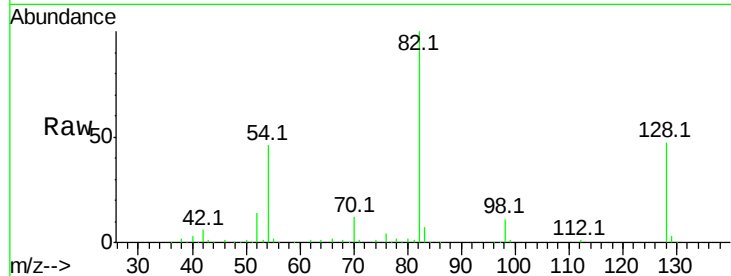




#23
Nitrobenzene-d5
Concen: 89.22 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095511.D
Acq: 27 May 2017 22:53

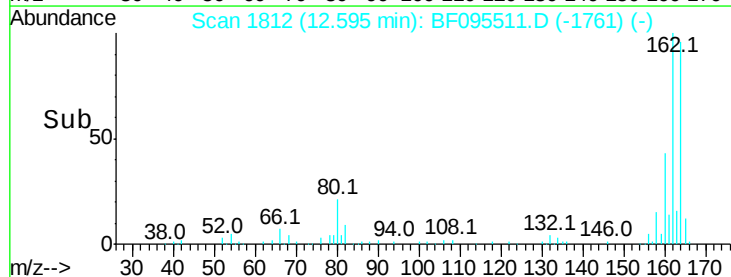
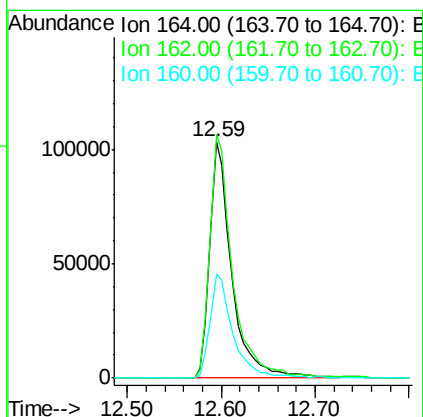
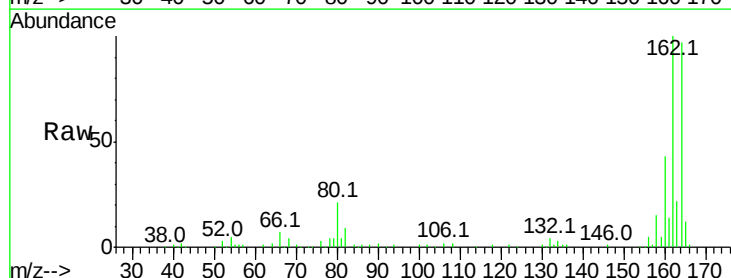
Instrument :
BNA_F
ClientSampleId :
R1-TP15-D46

Tot Ion: 82 Resp: 587185
Ion Ratio Lower Upper
82 100
128 46.5 34.0 51.0
54 46.3 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF095511.D
Acq: 27 May 2017 22:53

Tgt Ion:164 Resp: 172054
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 44.1 36.2 54.2

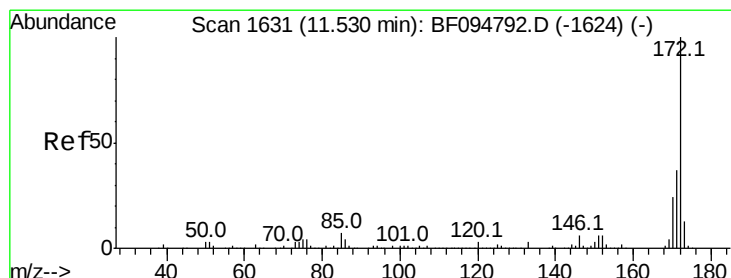
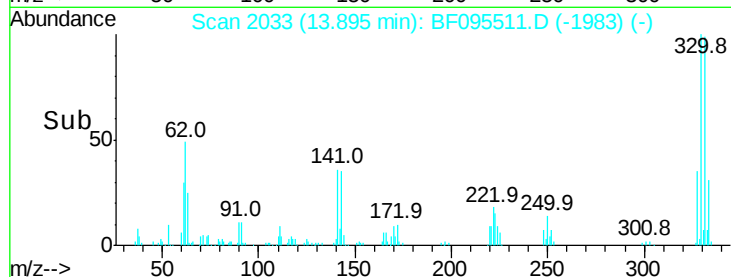
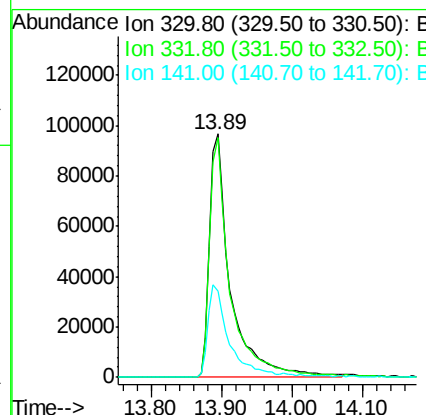
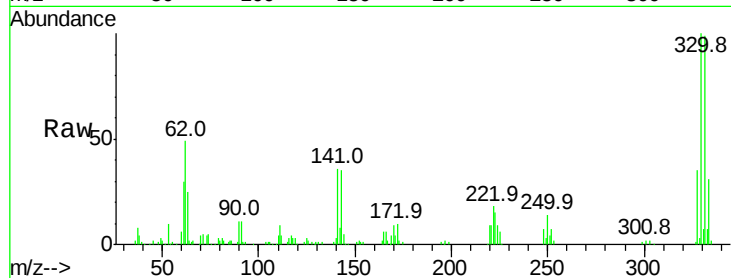




#41
 2,4,6-Tribromophenol
 Concen: 142.41 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095511.D
 Acq: 27 May 2017 22:53

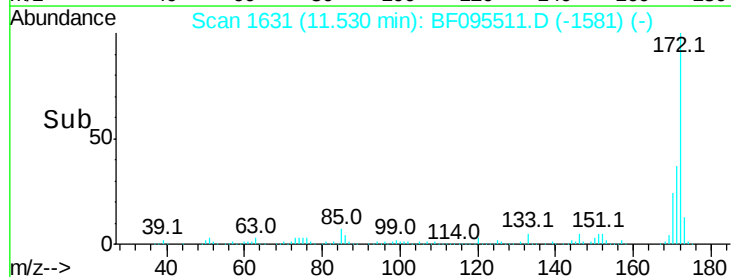
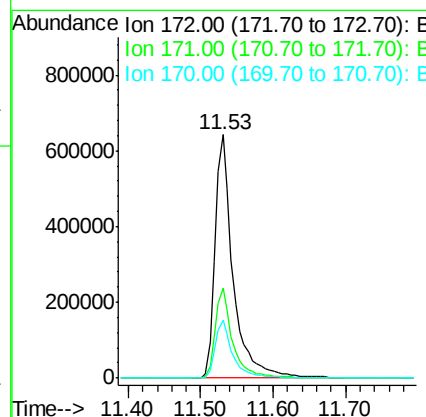
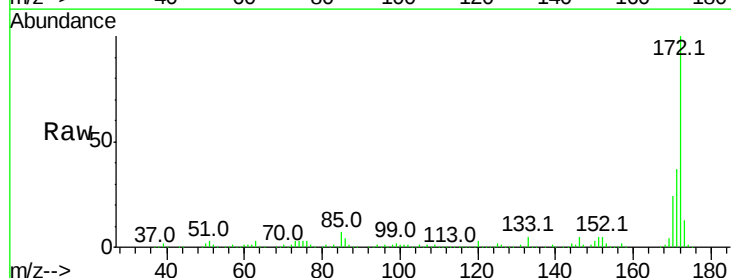
Instrument :
 BNA_F
 ClientSampleId :
 R1-TP15-D46

Tot Ion:330 Resp: 200660
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 39.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 93.19 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095511.D
 Acq: 27 May 2017 22:53

Tgt Ion:172 Resp: 1113974
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 23.7 19.8 29.8





#49

Dimethylphthalate

Concen: 9.24 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF095511.D

Acq: 27 May 2017 22:53

Instrument :

BNA_F

ClientSampleId :

R1-TP15-D46

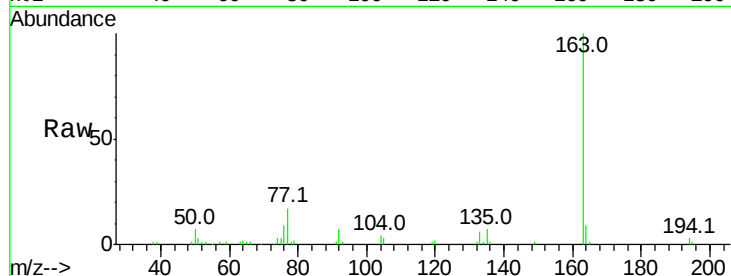
Tot Ion:163 Resp: 130505

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

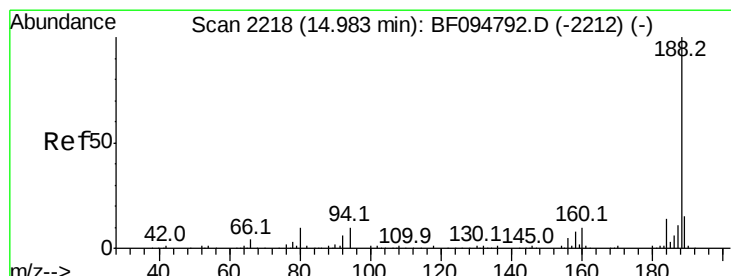
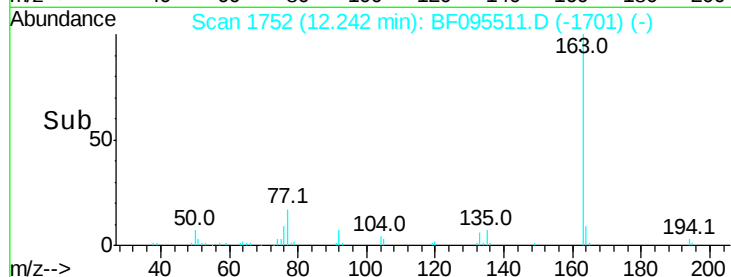
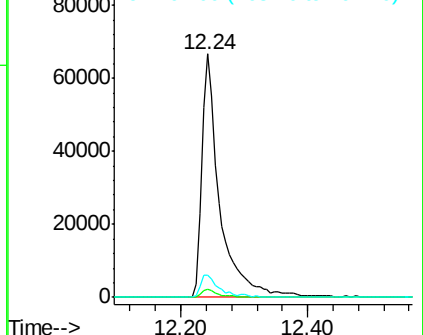
164 8.9 8.4 12.6



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: 20.00 ng

RT: 15.00 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF095511.D

Acq: 27 May 2017 22:53

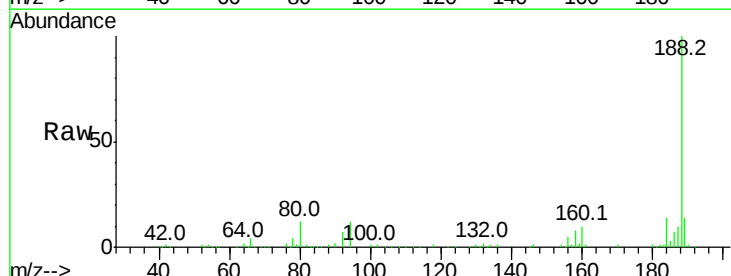
Tgt Ion:188 Resp: 364848

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

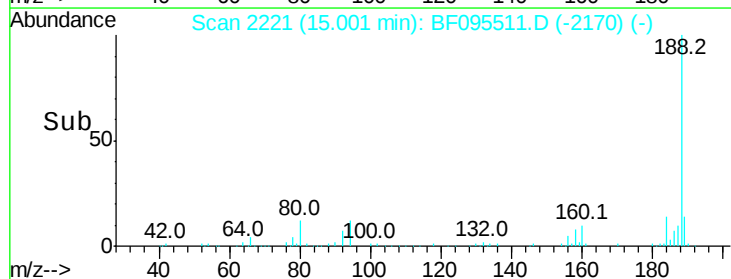
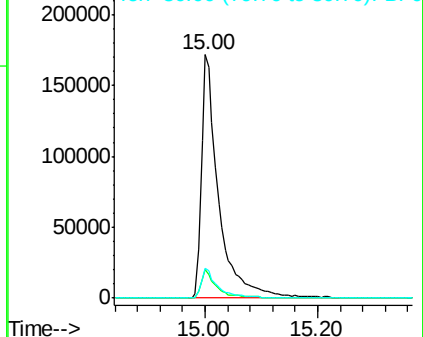
80 12.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

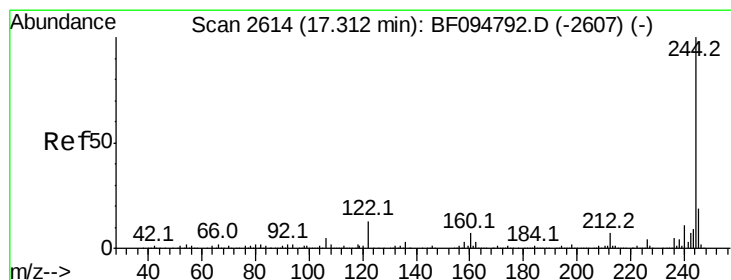
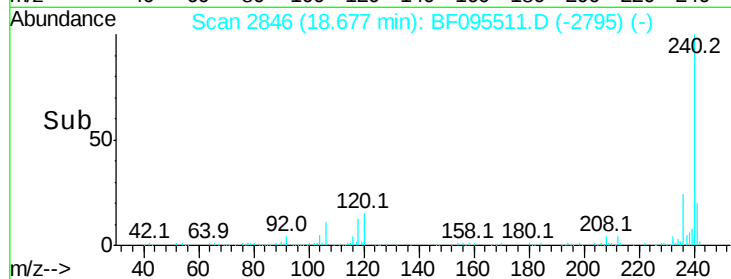
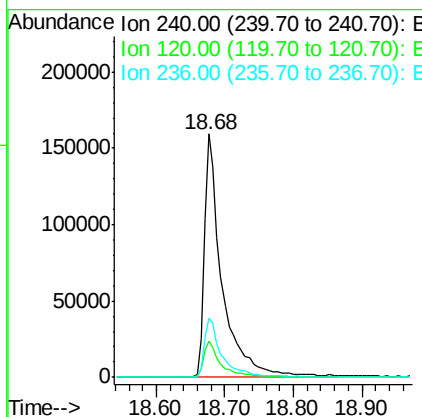
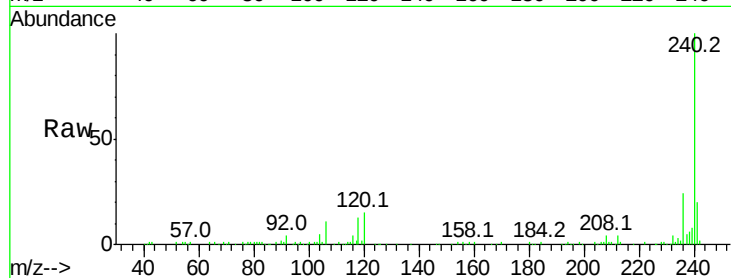




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BF095511.D
 Acq: 27 May 2017 22:53

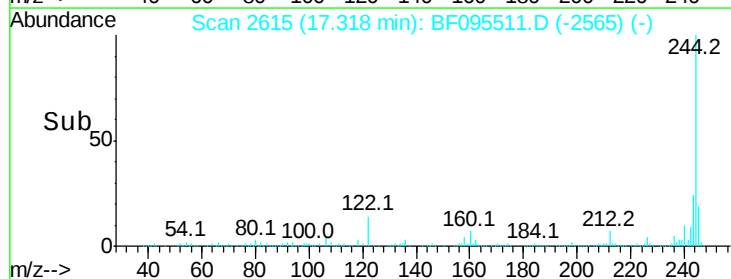
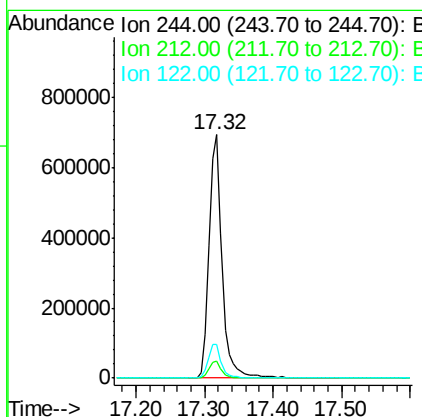
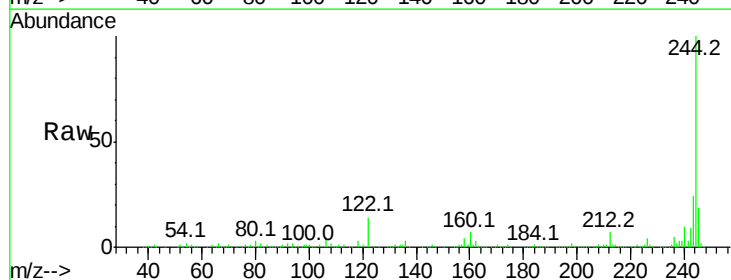
Instrument :
 BNA_F
 ClientSampleId :
 R1-TP15-D46

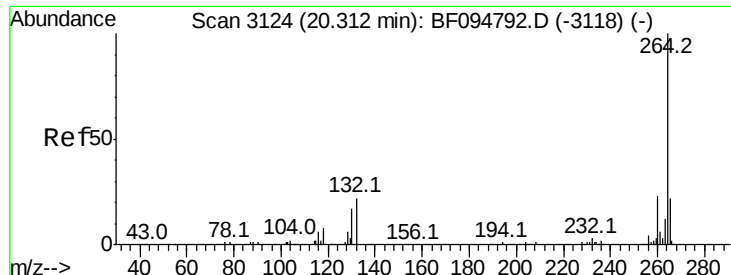
Tot Ion:240 Resp: 292027
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 24.3 20.5 30.7



#78
 Terphenyl-d14
 Concen: 69.88 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095511.D
 Acq: 27 May 2017 22:53

Tgt Ion:244 Resp: 926541
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.8 10.3 15.5

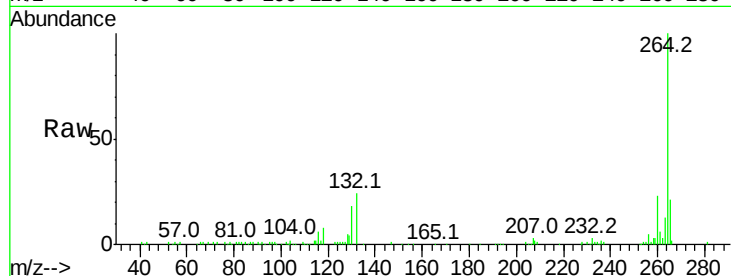




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BF095511.D
Acq: 27 May 2017 22:53

Instrument :
BNA_F
ClientSampleId :
R1-TP15-D46

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.3	17.2	25.8



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

