

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095254.D
 Acq On : 19 May 2017 8:53
 Operator : SJ/MA
 Sample : I3140-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6

Quant Time: May 19 11:38:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

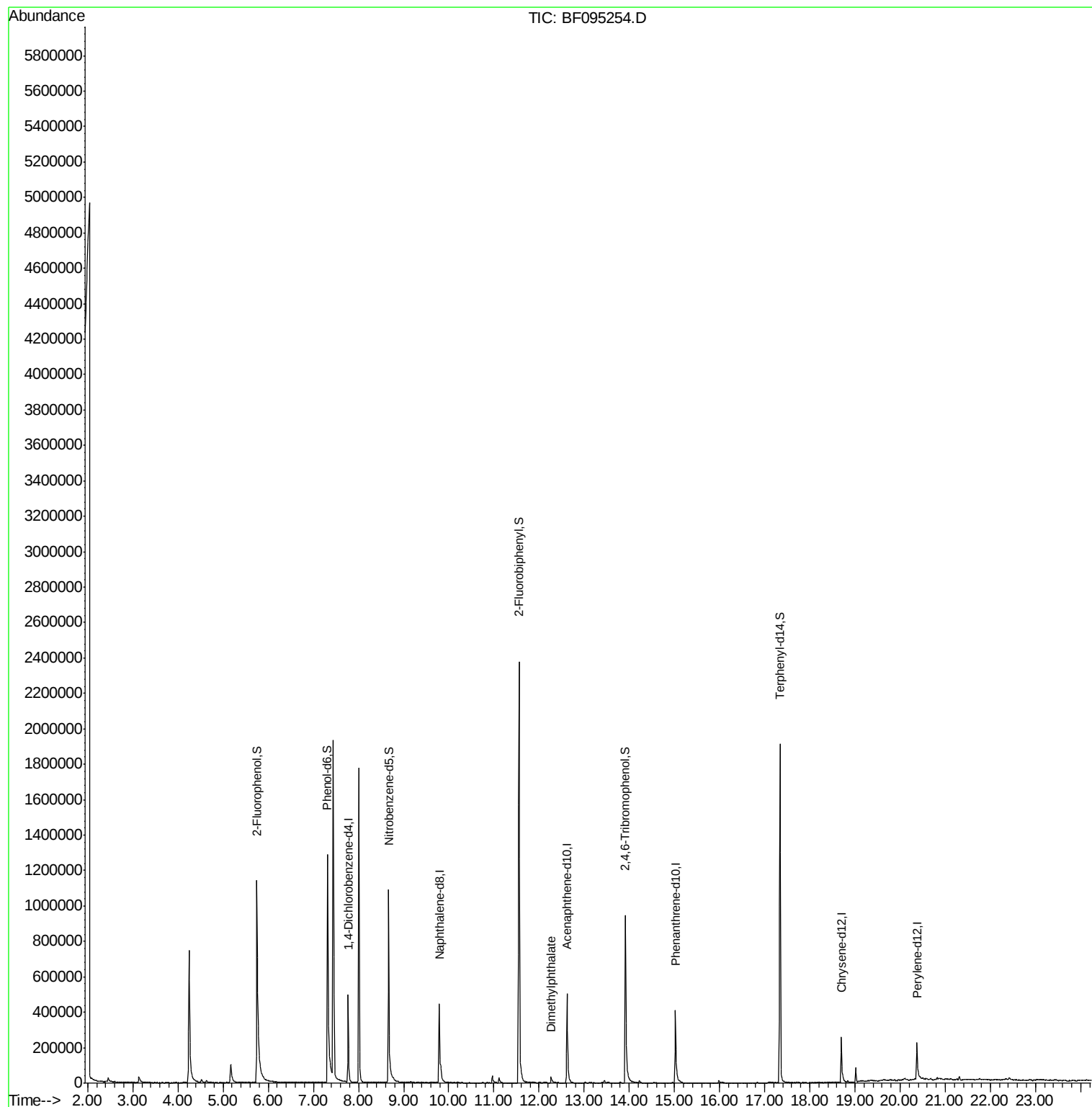
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	108252	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	409615	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	182952	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	298905	20.00	ng	0.00
75) Chrysene-d12	18.69	240	158326	20.00	ng	0.00
86) Perylene-d12	20.37	264	120657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	781460	120.35	ng	0.01
7) Phenol-d6	7.31	99	939774	120.63	ng	0.00
23) Nitrobenzene-d5	8.67	82	588103	90.54	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	205155	136.92	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1267083	99.69	ng	0.00
78) Terphenyl-d14	17.34	244	820254	114.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.27	163	33761	2.25	ng	Qvalue # 96

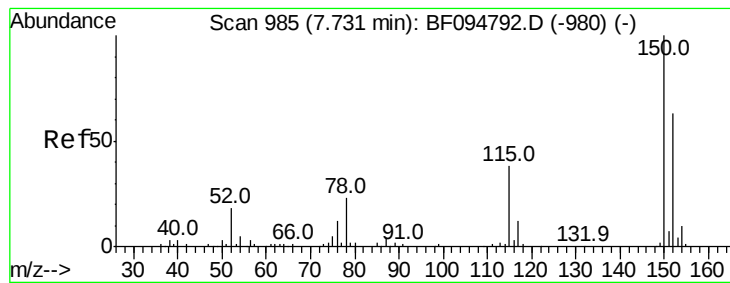
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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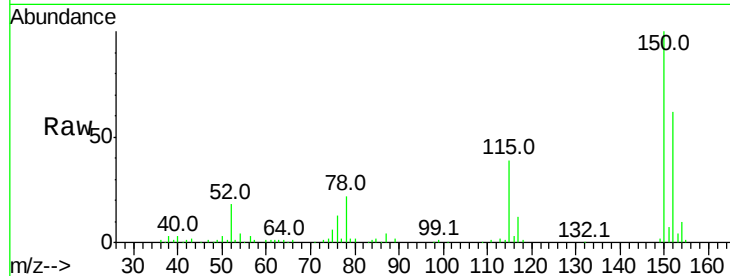


#1

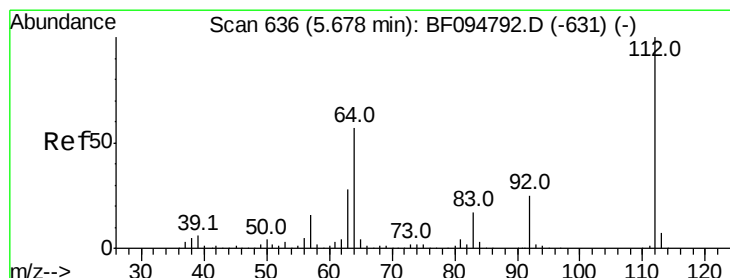
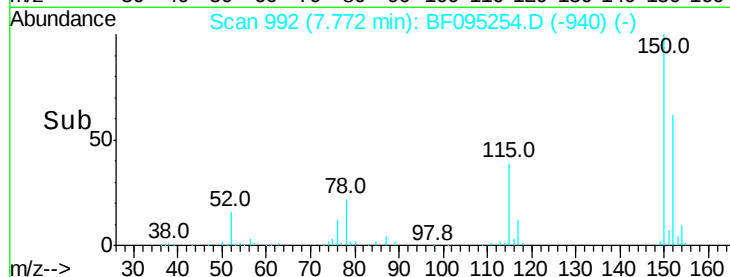
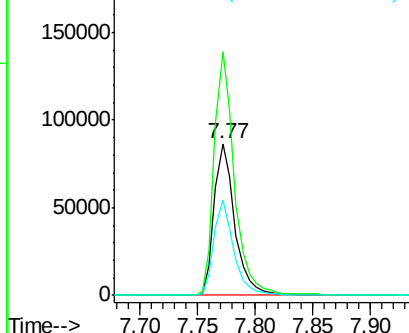
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095254.D
Acq: 19 May 2017 8:53

Instrument :
BNA_F
ClientSampleId :
TP-25-6

Tot Ion:152 Resp: 108252
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 62.5 52.2 78.2



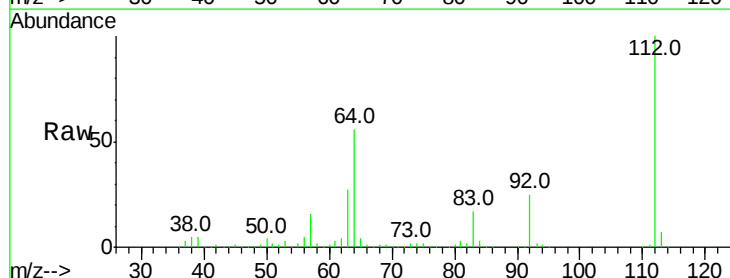
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



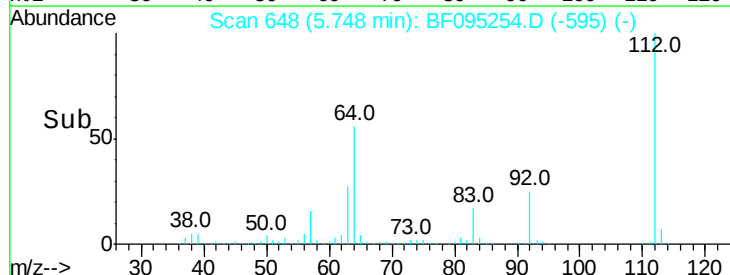
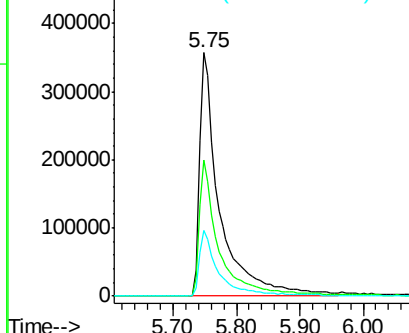
#5

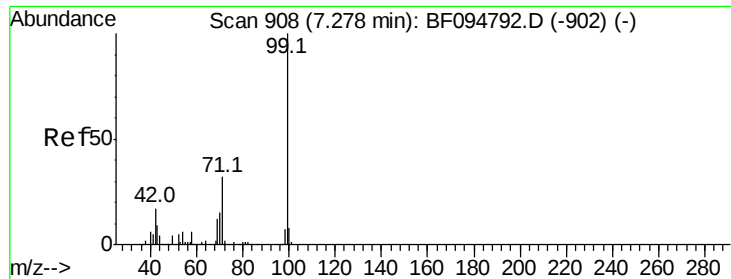
2-Fluorophenol
Concen: 120.35 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095254.D
Acq: 19 May 2017 8:53

Tgt Ion:112 Resp: 781460
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 26.8 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: 120.63 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

Instrument :

BNA_F

ClientSampleId :

TP-25-6

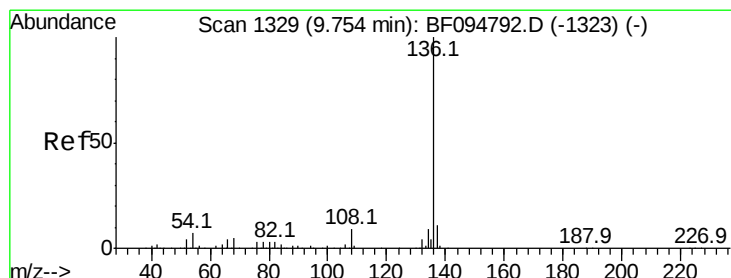
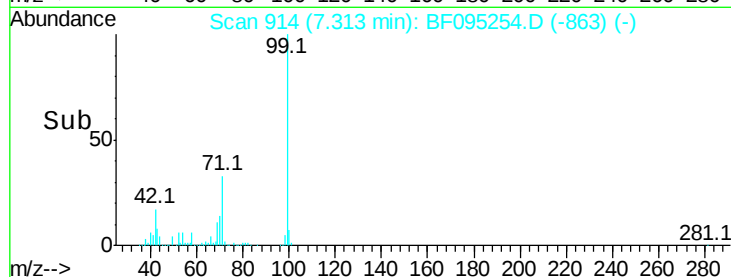
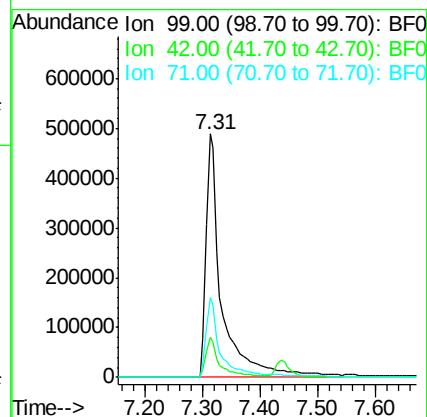
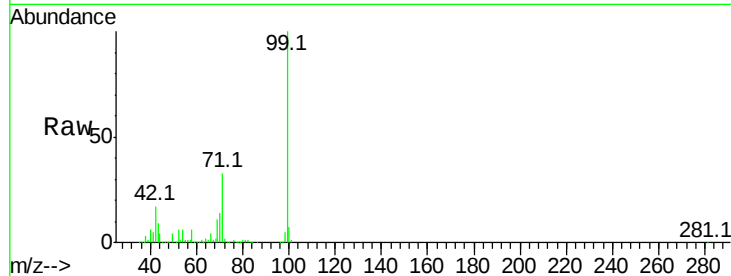
Tot Ion: 99 Resp: 939774

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

71 33.0 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

Tgt Ion: 136 Resp: 409615

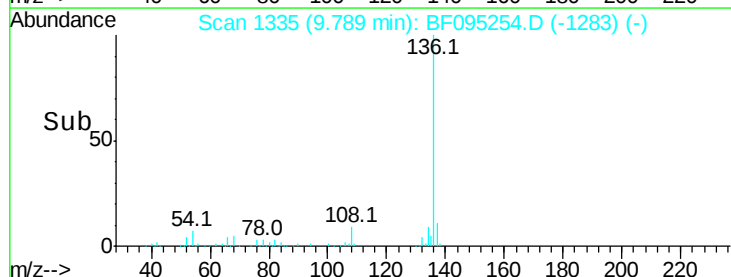
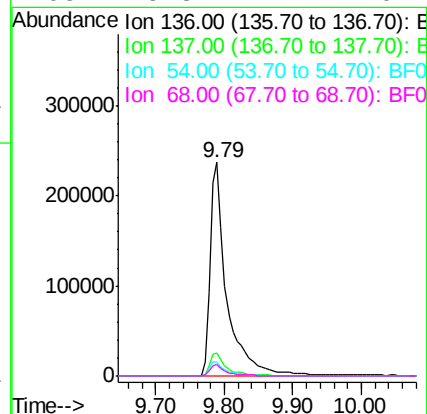
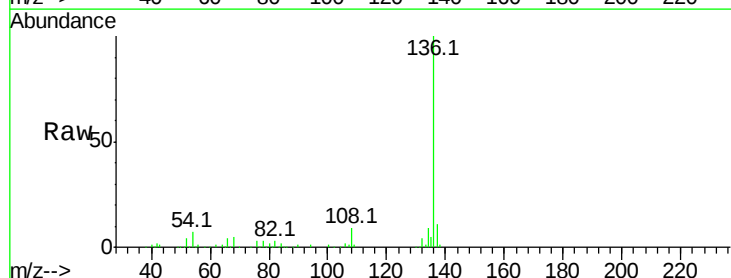
Ion Ratio Lower Upper

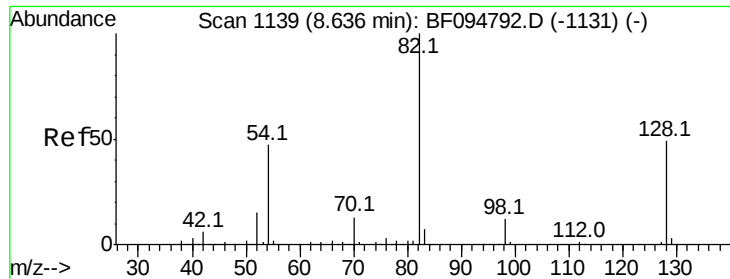
136 100

137 10.7 8.5 12.7

54 6.5 4.9 7.3

68 5.3 4.1 6.1

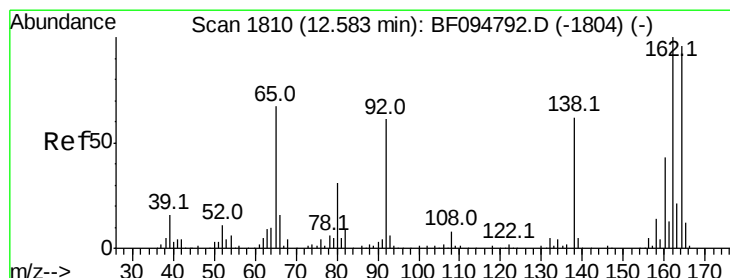
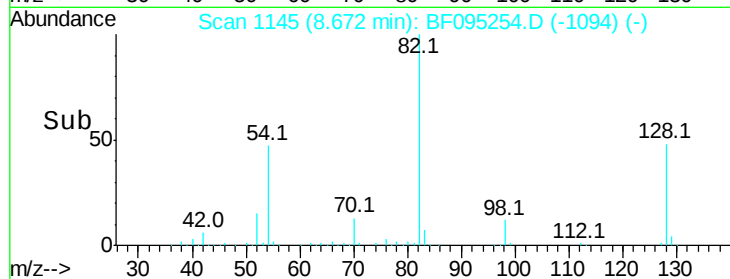
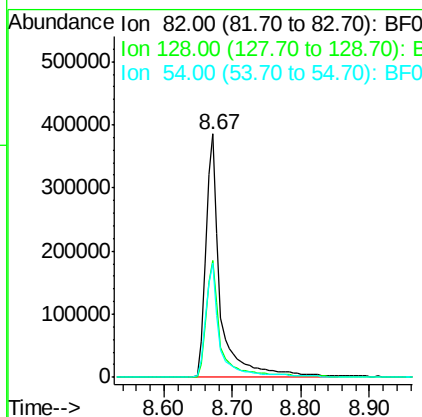
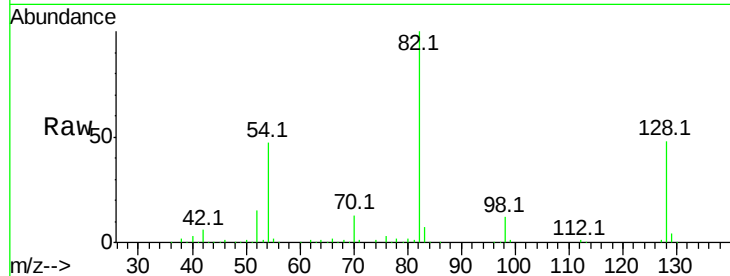




#23
 Nitrobenzene-d5
 Concen: 90.54 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF095254.D
 Acq: 19 May 2017 8:53

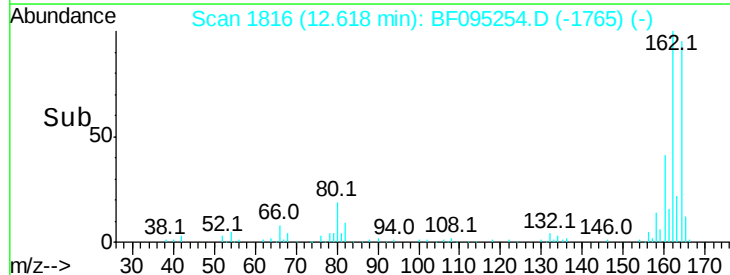
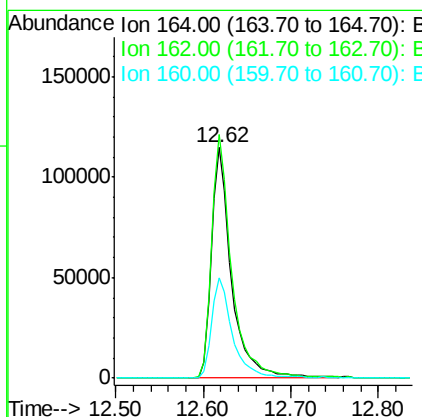
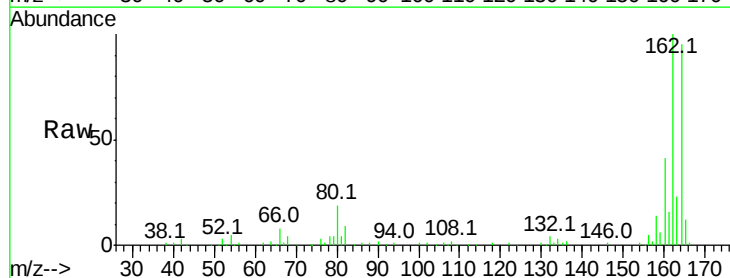
Instrument :
 BNA_F
 ClientSampleID :
 TP-25-6

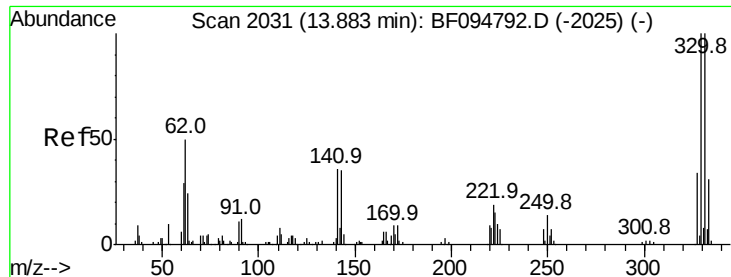
Tot Ion	82	Resp	588103
Ion Ratio	Lower	Upper	
82	100		
128	48.2	34.0	51.0
54	46.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095254.D
 Acq: 19 May 2017 8:53

Tgt Ion	164	Resp	182952
Ion Ratio	Lower	Upper	
164	100		
162	105.6	82.6	123.8
160	43.3	36.2	54.2

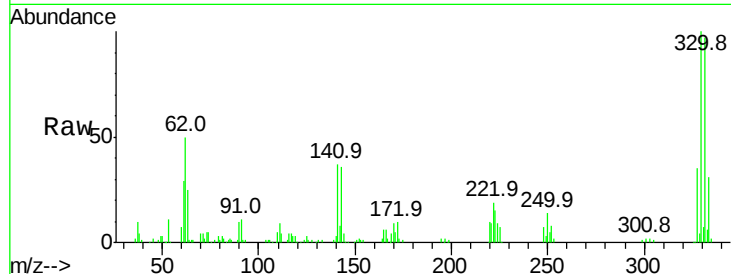




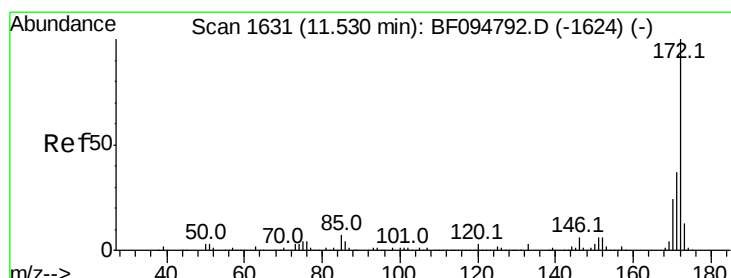
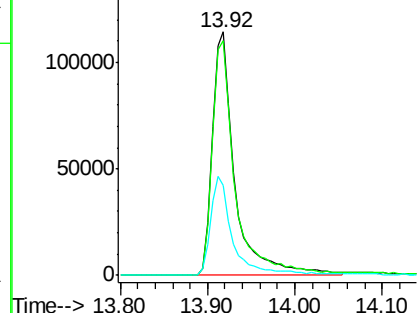
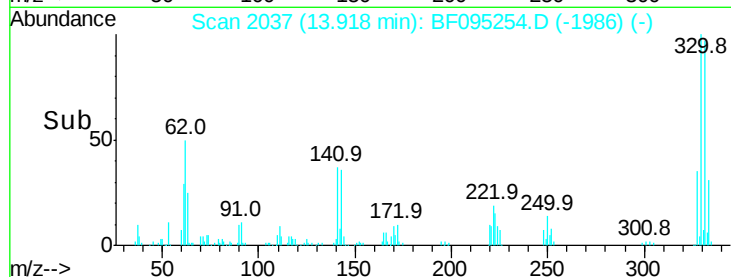
#41
 2,4,6-Tribromophenol
 Concen: 136.92 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095254.D
 Acq: 19 May 2017 8:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	40.9	31.4	47.2

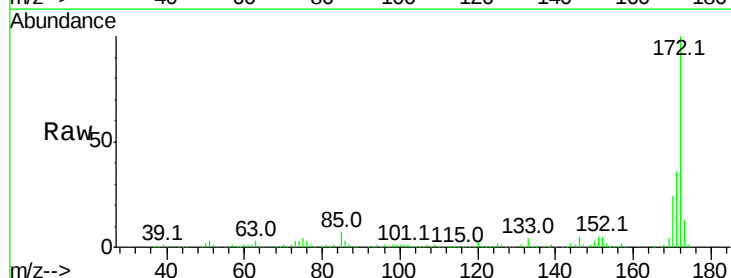


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

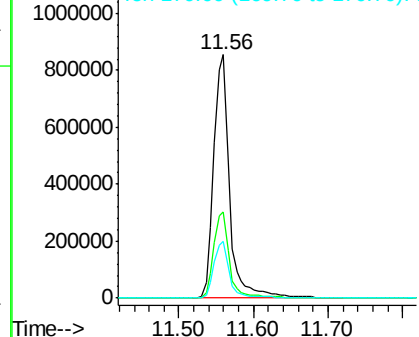
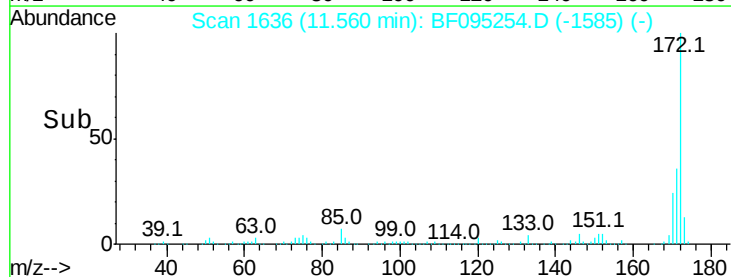


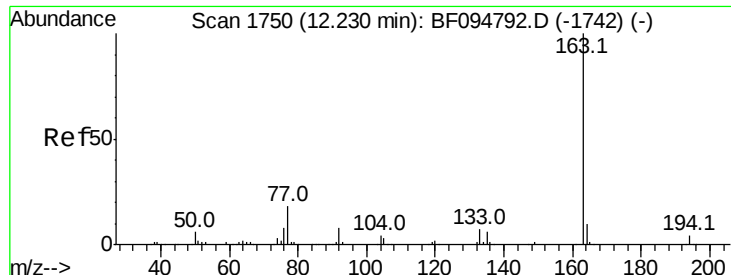
#44
 2-Fluorobiphenyl
 Concen: 99.69 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095254.D
 Acq: 19 May 2017 8:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.5	19.8	29.8



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: 2.25 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

Instrument :

BNA_F

ClientSampled :

TP-25-6

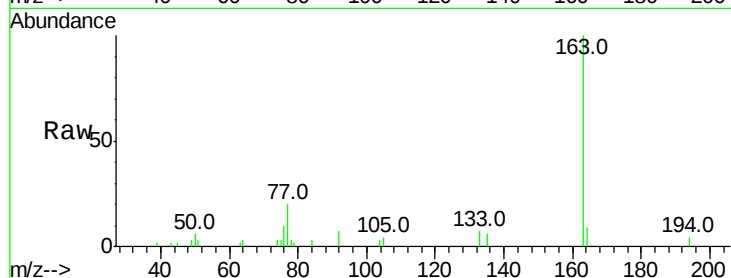
Tot Ion:163 Resp: 33761

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

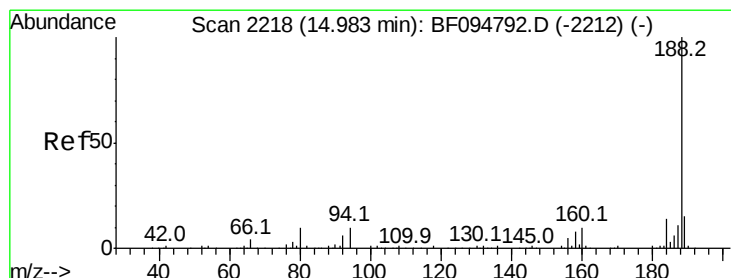
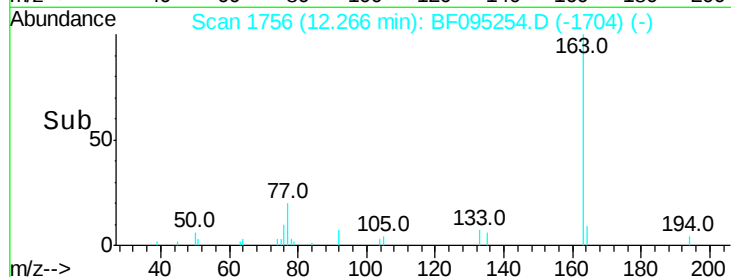
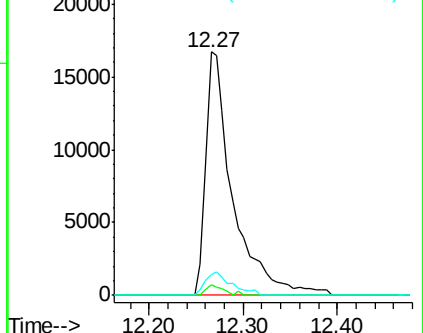
164 8.8 8.4 12.6



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: 15.02 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

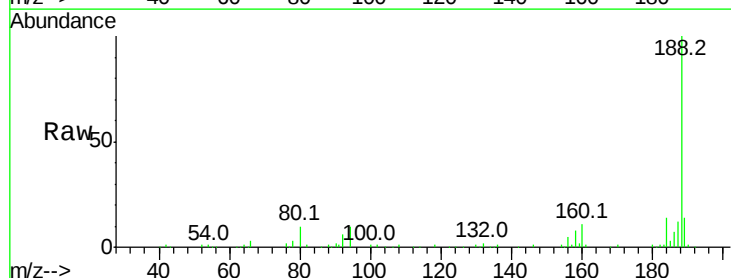
Tgt Ion:188 Resp: 298905

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

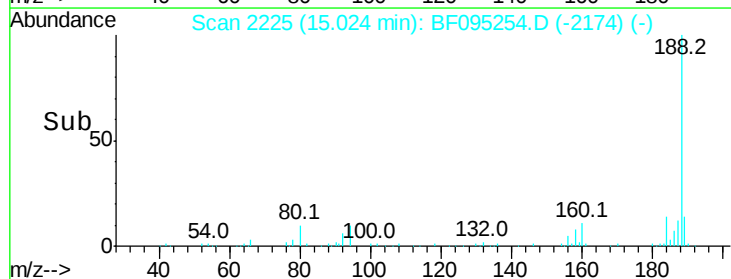
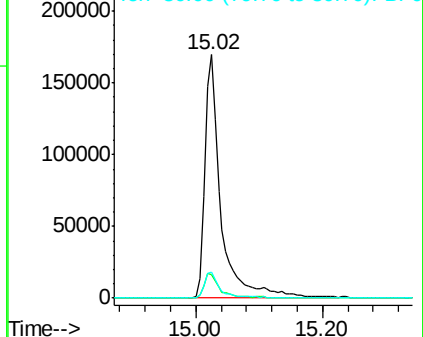
80 10.5 10.2 15.2

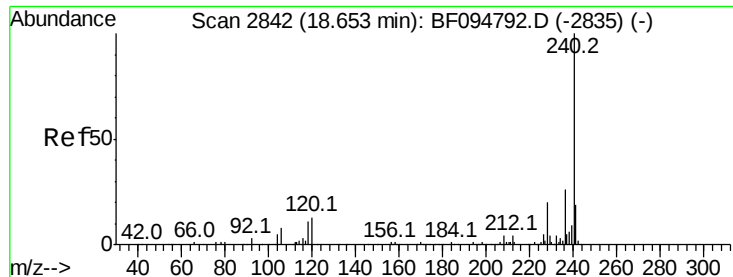


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.69 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

Instrument :

BNA_F

ClientSampleId :

TP-25-6

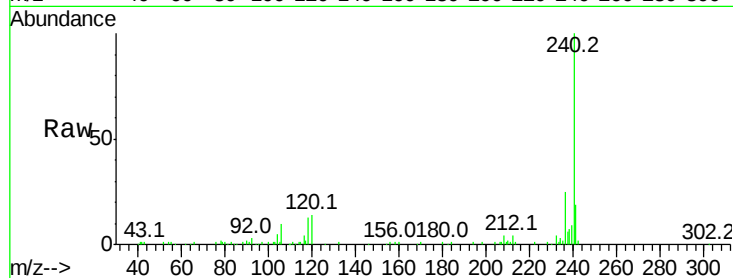
Tot Ion:240 Resp: 158326

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

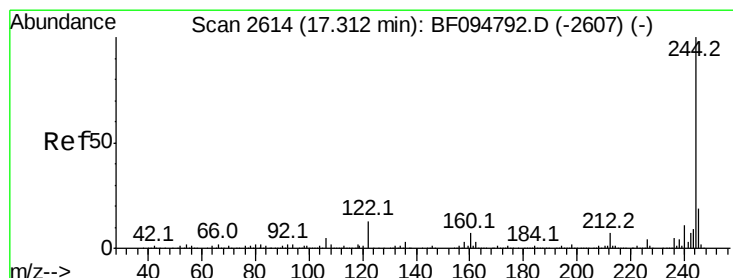
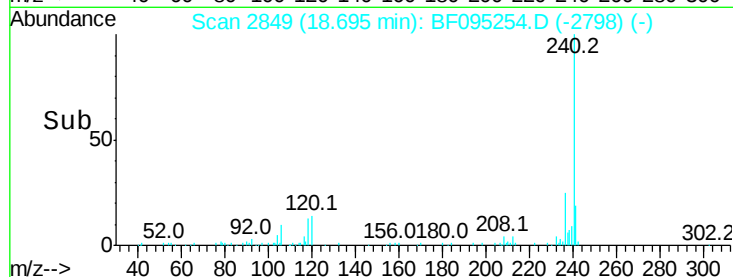
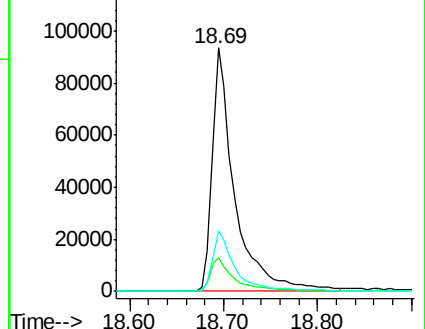
236 24.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 114.11 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

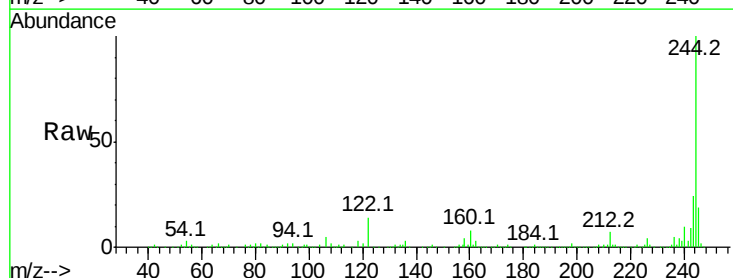
Tgt Ion:244 Resp: 820254

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

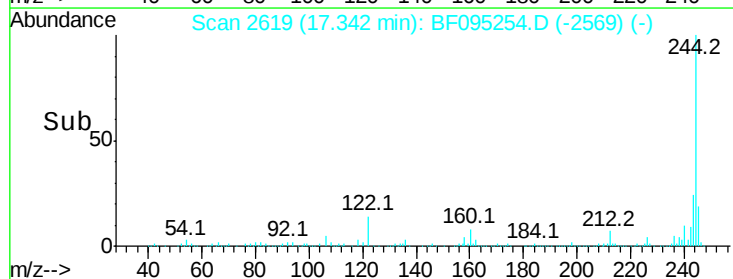
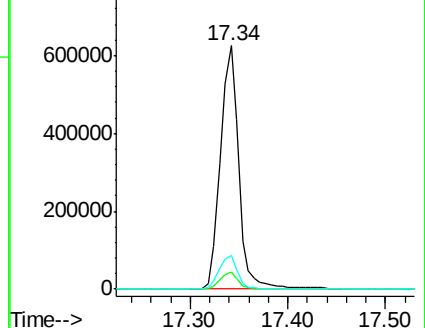
122 13.7 10.3 15.5

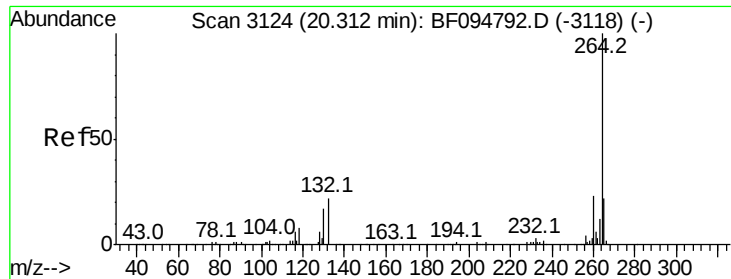


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

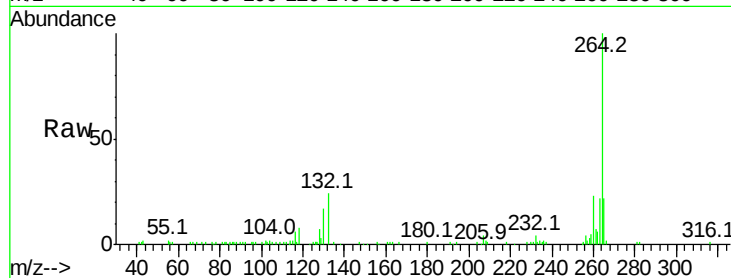




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095254.D
 Acq: 19 May 2017 8:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-6

Tot Ion:	264	Resp:	120657
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.6	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

