

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095338.D
 Acq On : 23 May 2017 6:09
 Operator : SJ/MA
 Sample : I3249-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19COMP

Quant Time: May 23 08:01:33 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	7.76	152	74460	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	315181	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	141320	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	178987	20.00	ng	0.00
75) Chrysene-d12	18.69	240	168945	20.00	ng	0.00
86) Perylene-d12	20.37	264	141865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	659484	147.66	ng	0.00
7) Phenol-d6	7.31	99	696773	130.03	ng	0.00
23) Nitrobenzene-d5	8.66	82	469337	93.90	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	146213	126.33	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1042465	106.17	ng	-0.01
78) Terphenyl-d14	17.33	244	675338	88.04	ng	-0.02

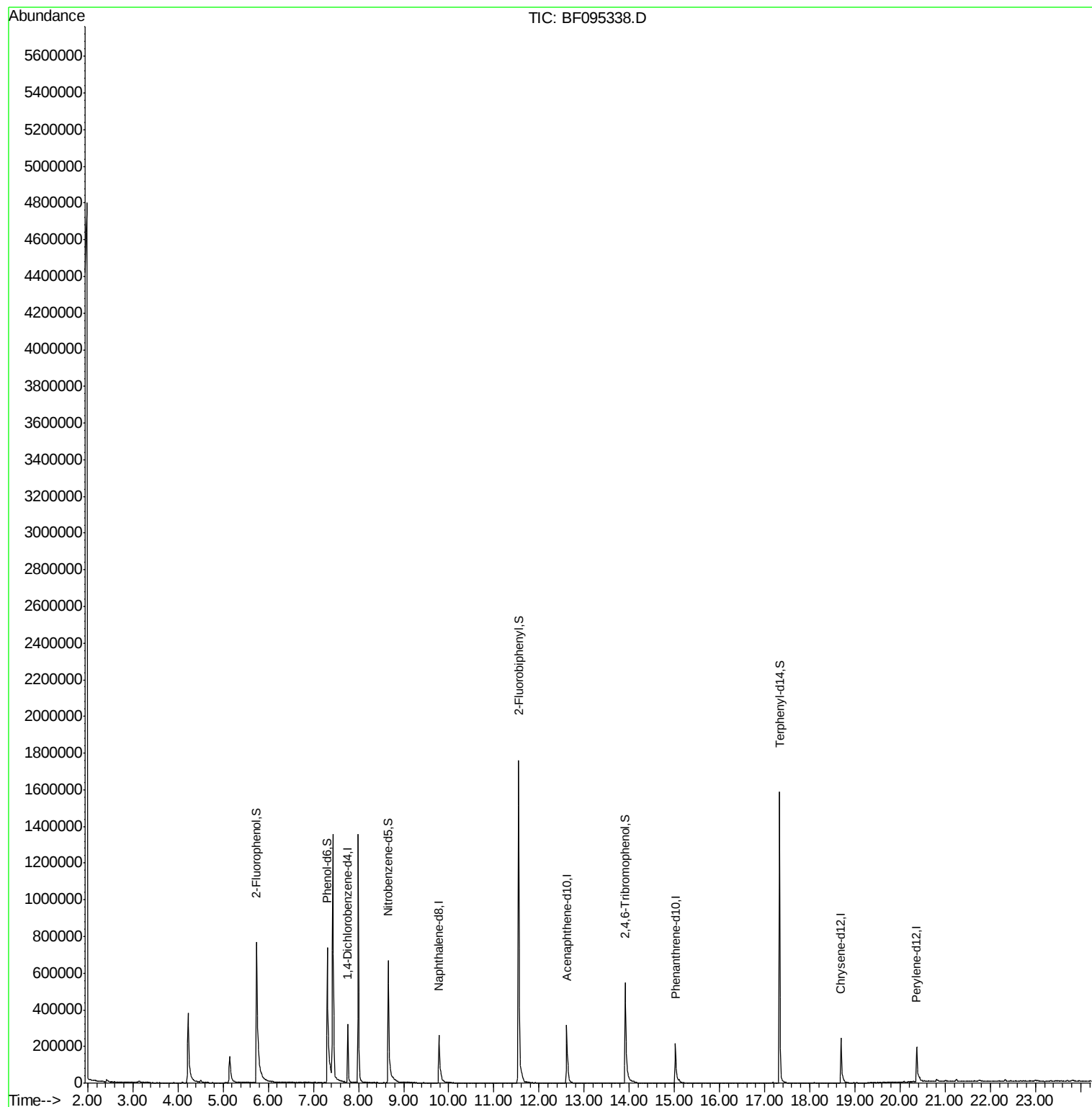
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095338.D

Acq: 23 May 2017 6:09

Instrument :

BNA_F

ClientSampleId :

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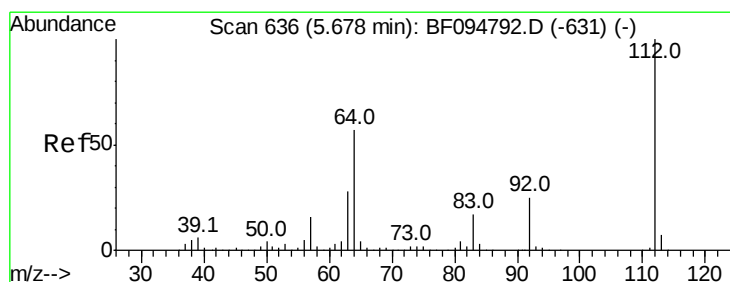
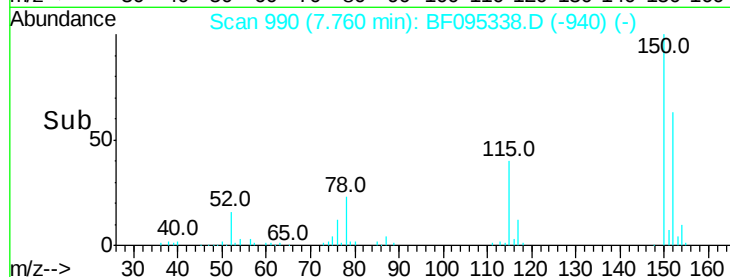
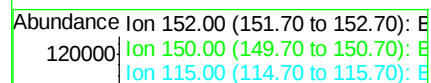
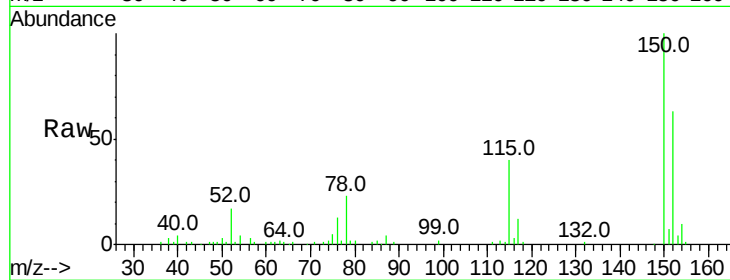
Tot Ion:152 Resp: 74460

Ion Ratio Lower Upper

152 100

150 159.3 126.2 189.2

115 63.2 52.2 78.2



#5

2-Fluorophenol

Concen: 147.66 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF095338.D

Acq: 23 May 2017 6:09

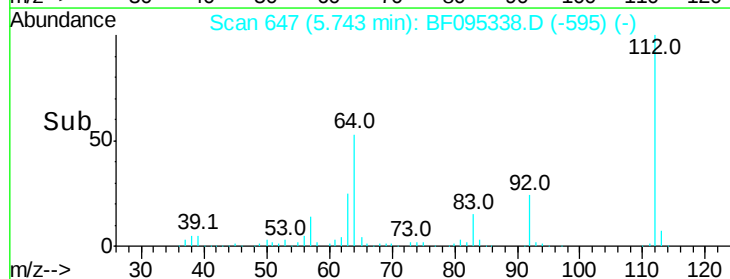
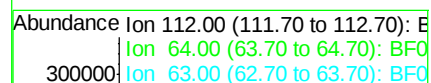
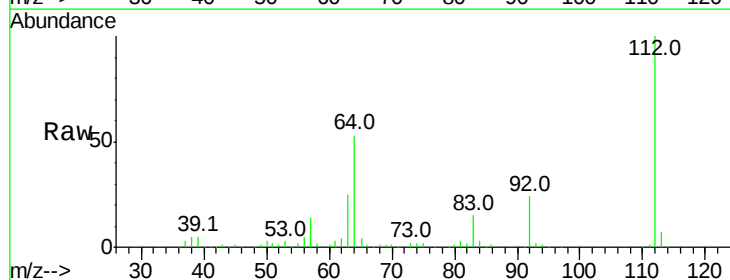
Tgt Ion:112 Resp: 659484

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

63 25.1 23.4 35.0





#7

Phenol-d6

Concen: 130.03 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095338.D

Acq: 23 May 2017 6:09

Instrument :

BNA_F

ClientSampleId :

SB-19COMP

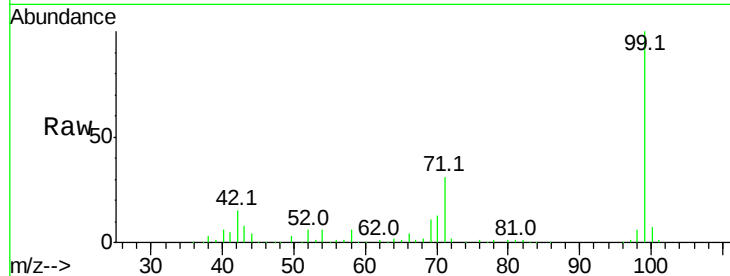
Tot Ion: 99 Resp: 696773

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

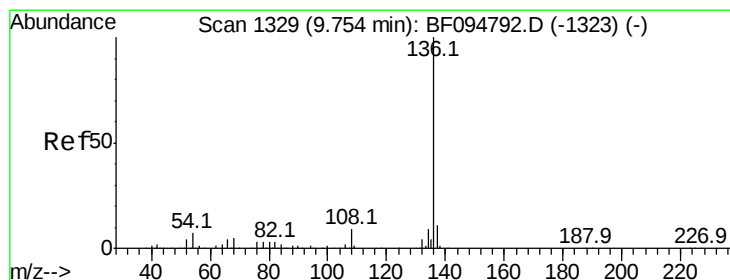
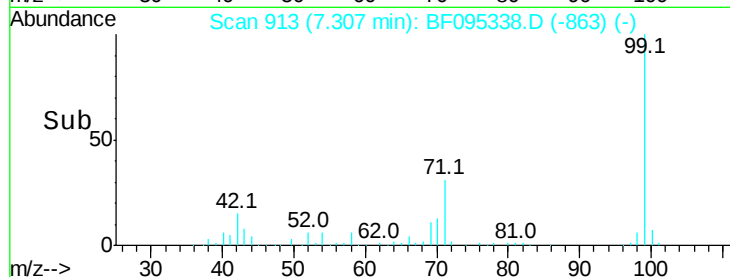
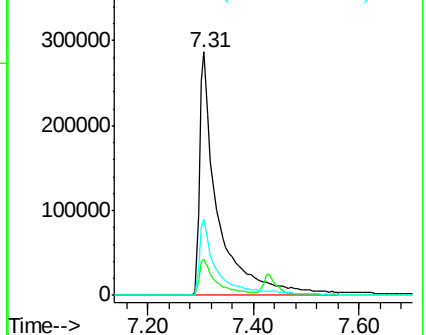
71 31.0 24.5 36.7



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: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095338.D

Acq: 23 May 2017 6:09

Tgt Ion: 136 Resp: 315181

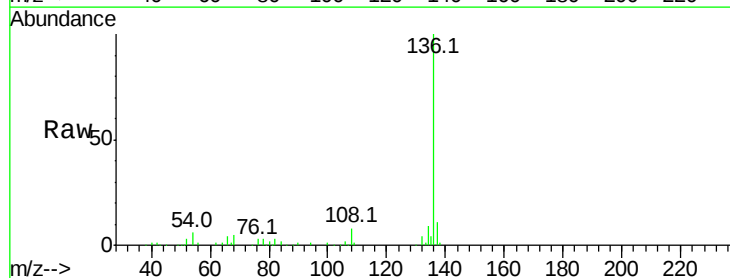
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

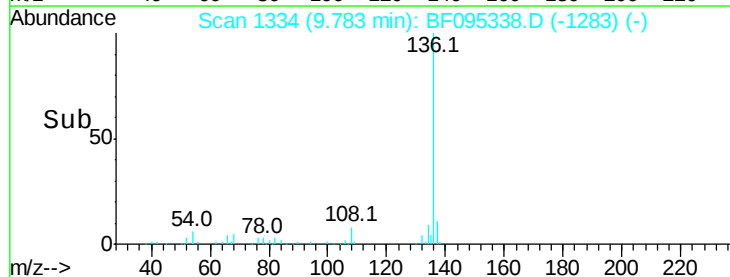
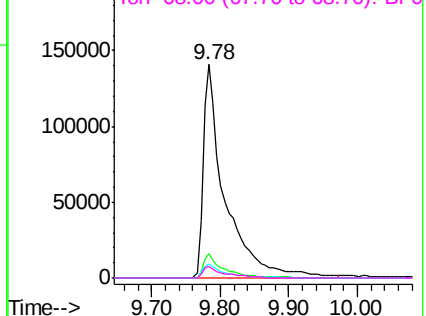


Abundance Ion 136.00 (135.70 to 136.70): E

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

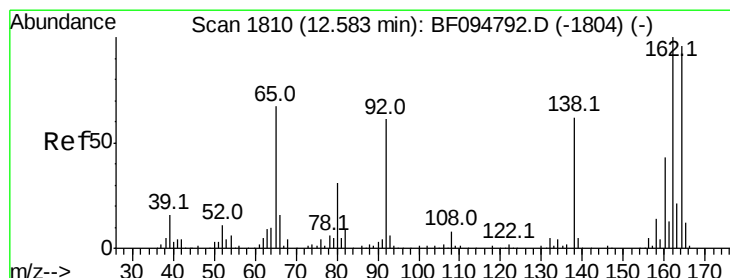
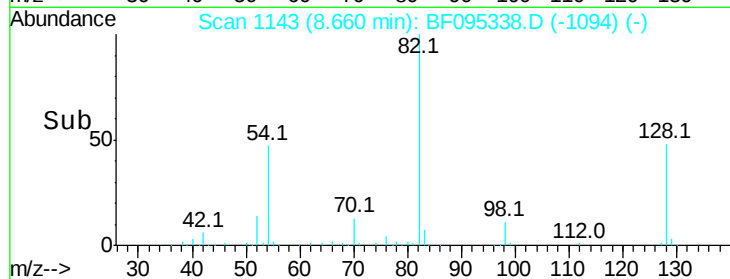
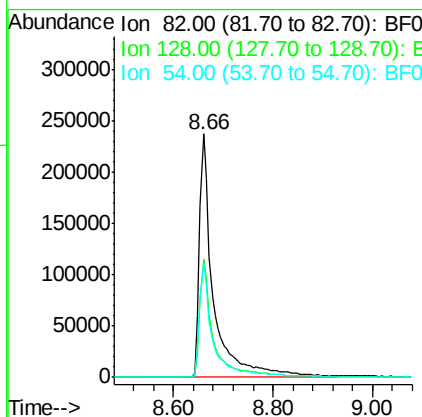
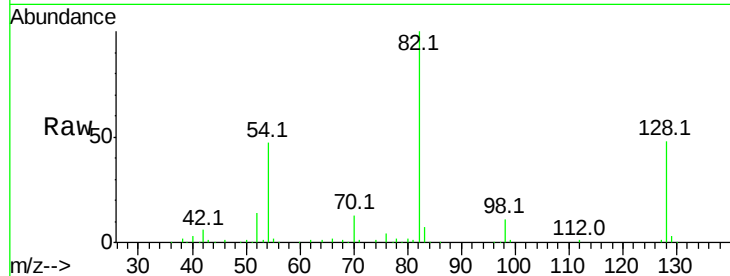




#23
 Nitrobenzene-d5
 Concen: 93.90 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

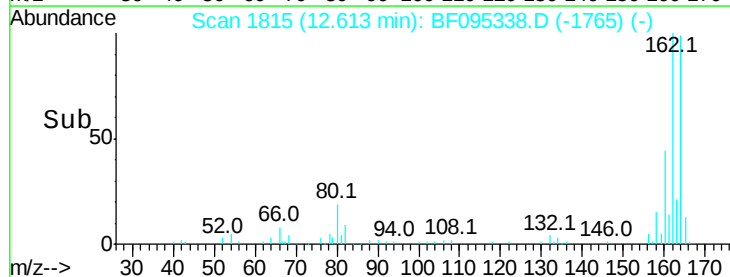
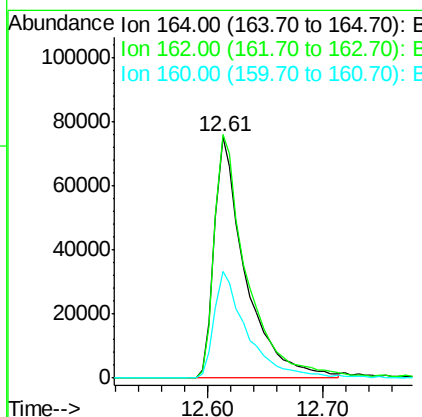
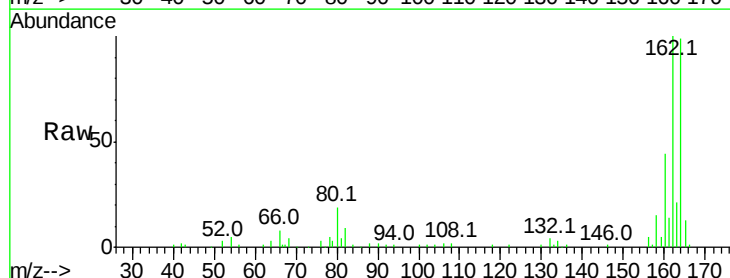
Instrument :
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Tot Ion	82	Resp	469337
Ion Ratio	Lower	Upper	
82	100		
128	48.3	34.0	51.0
54	46.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Tgt Ion	164	Resp	141320
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.6	123.8
160	44.4	36.2	54.2



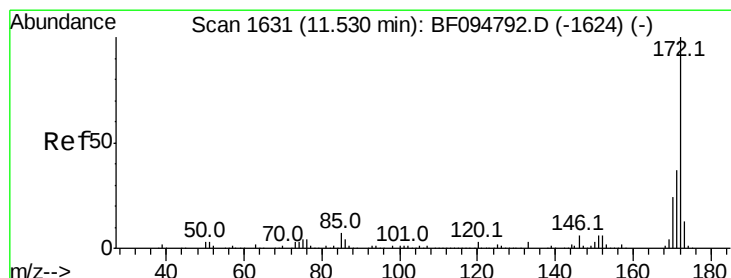
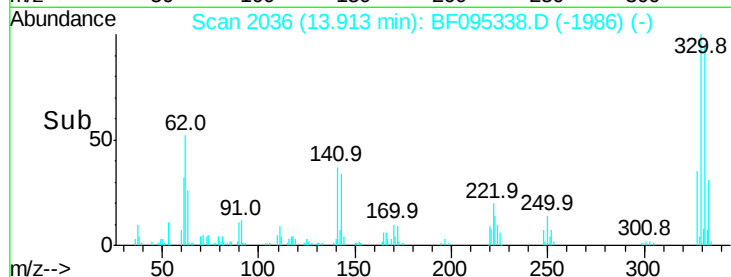
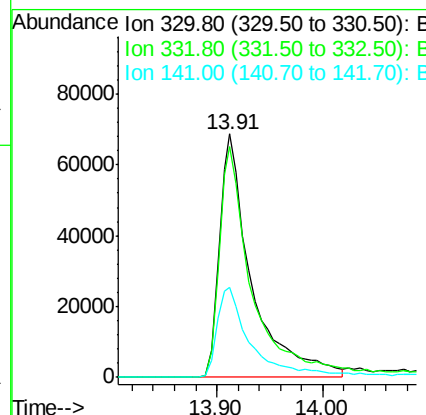
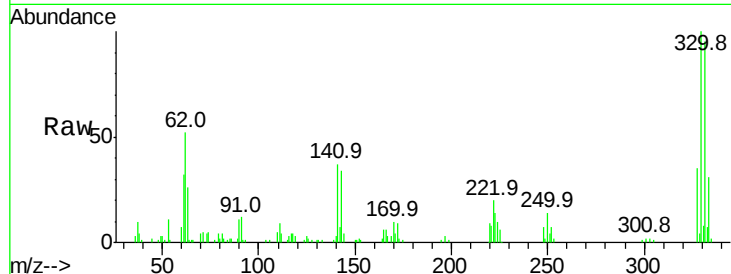


#41
 2,4,6-Tribromophenol
 Concen: 126.33 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-19COMP

Tot Ion:330 Resp: 146213

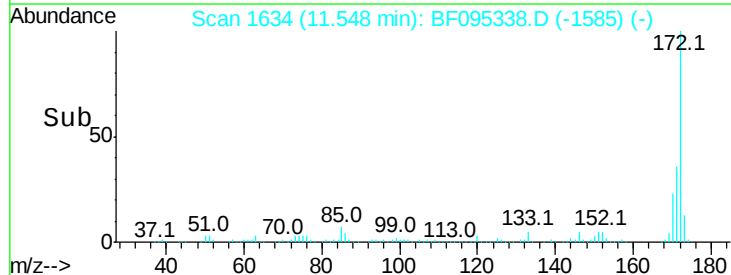
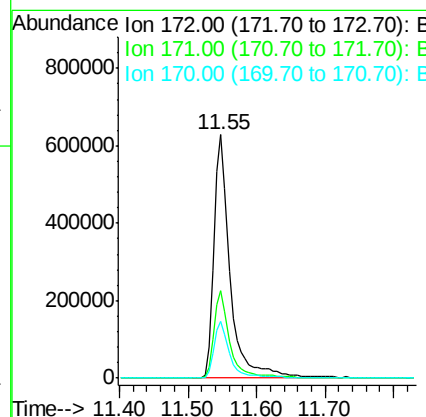
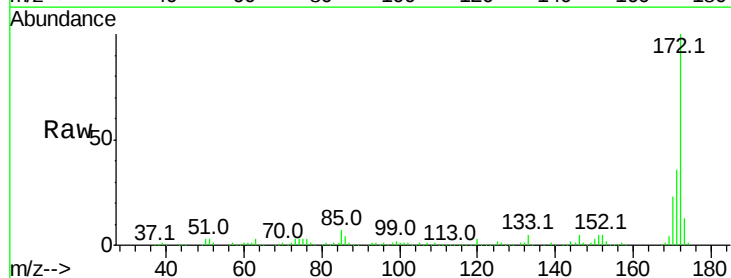
Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	115.0
141	39.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 106.17 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Tgt Ion:172 Resp: 1042465

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.3	19.8	29.8

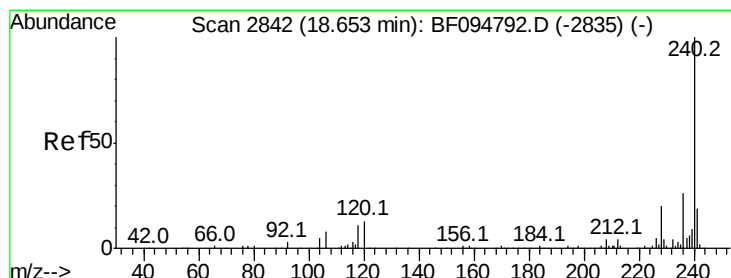
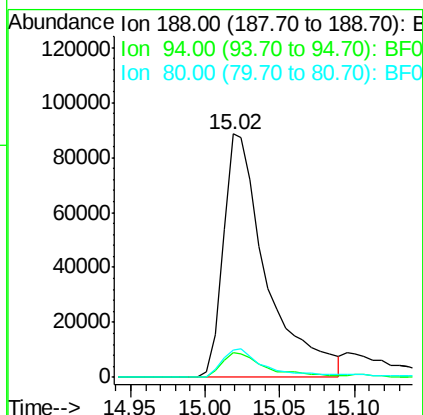
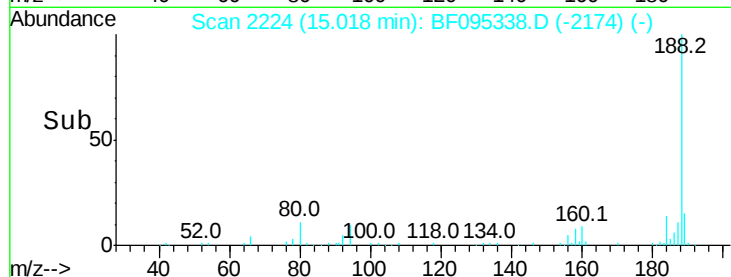
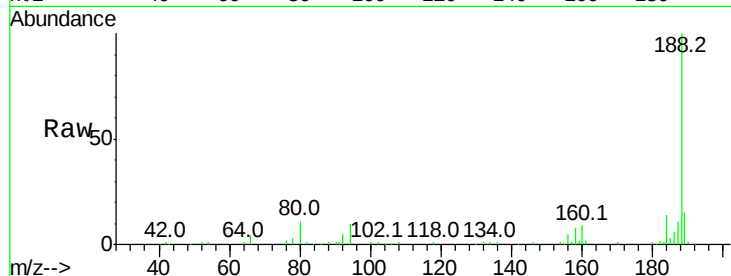




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

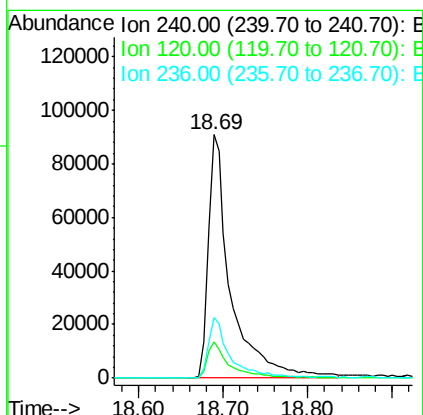
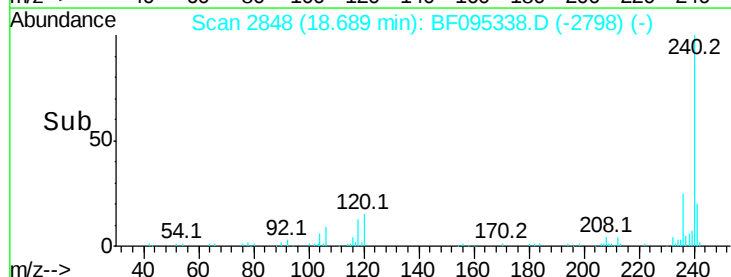
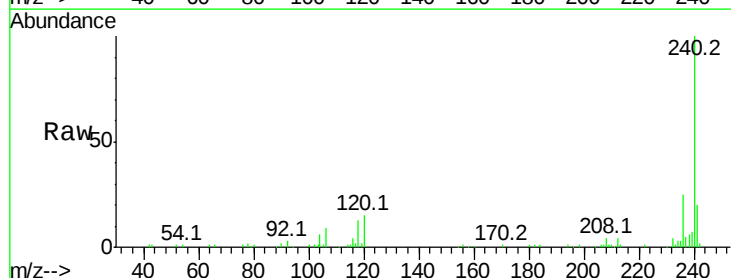
Instrument :
 BNA_F
 ClientSampleId :
 SB-19COMP

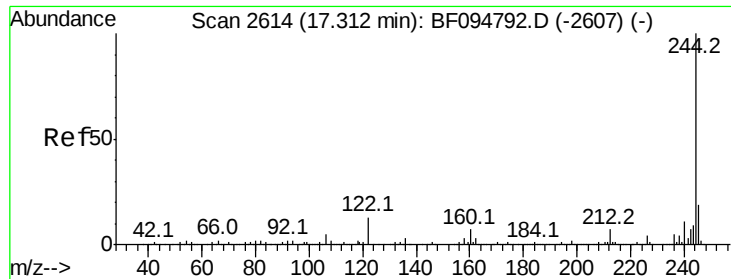
Tot Ion:188 Resp: 178987
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.3 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Tgt Ion:240 Resp: 168945
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 24.7 20.5 30.7

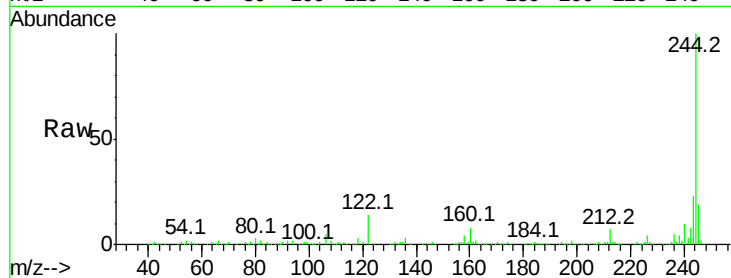




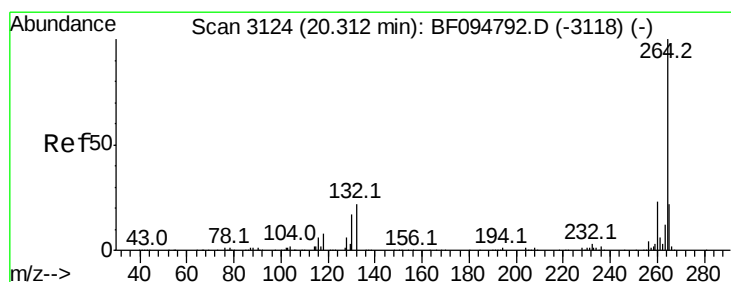
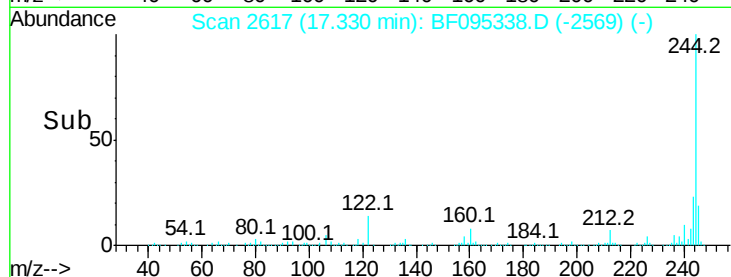
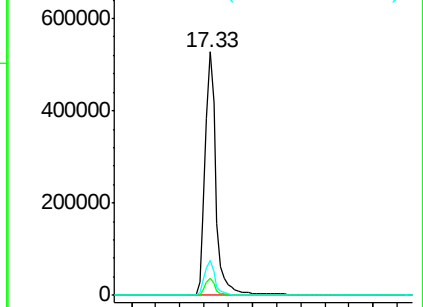
#78
 Terphenyl-d14
 Concen: 88.04 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-19COMP

Tot Ion:244 Resp: 675338
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.3 10.3 15.5

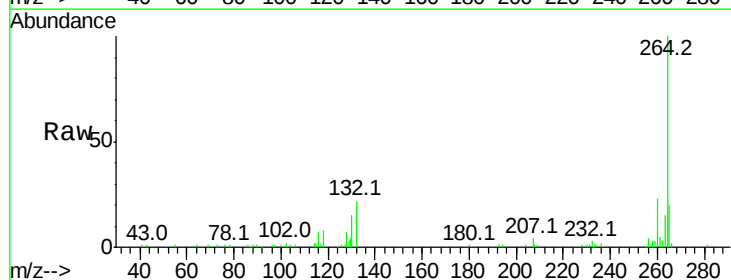


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095338.D
 Acq: 23 May 2017 6:09

Tgt Ion:264 Resp: 141865
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 20.2 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

