

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095344.D
 Acq On : 23 May 2017 9:20
 Operator : SJ/MA
 Sample : I3243-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-TP-8

Quant Time: May 23 11:39:52 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	76002	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	296354	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	130305	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	186778	20.00	ng	0.00
75) Chrysene-d12	18.69	240	144669	20.00	ng	0.00
86) Perylene-d12	20.37	264	112848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	542980	119.11	ng	0.00
7) Phenol-d6	7.31	99	603993	110.43	ng	0.00
23) Nitrobenzene-d5	8.66	82	358286	76.24	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	115716	108.43	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	868040	95.88	ng	-0.01
78) Terphenyl-d14	17.33	244	529436	80.61	ng	-0.02

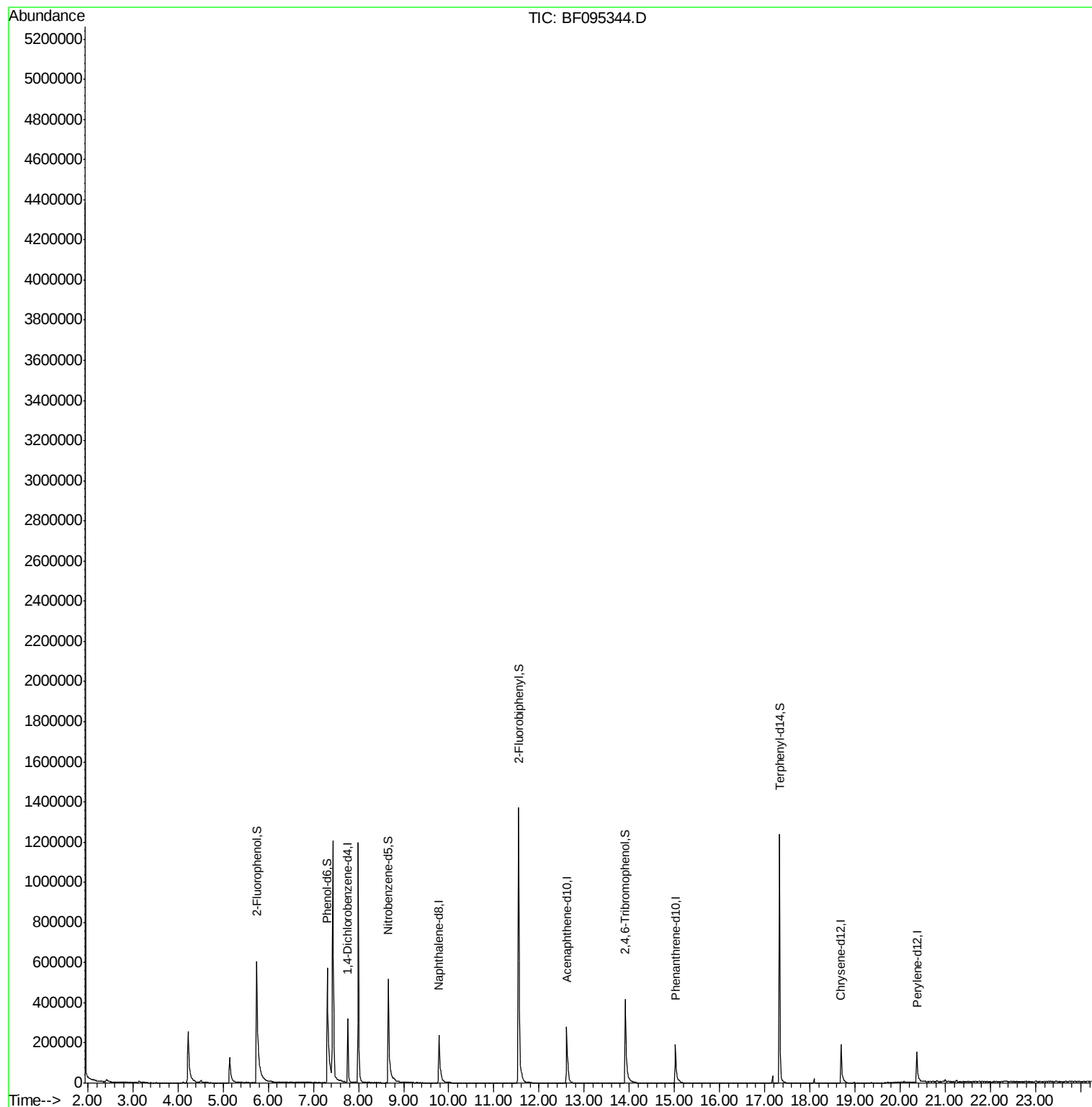
Target Compounds Qvalue

(#) = 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: BF095344.D

Acq: 23 May 2017 9:20

Instrument :

BNA_F

ClientSampleId :

TP-7-TP-8

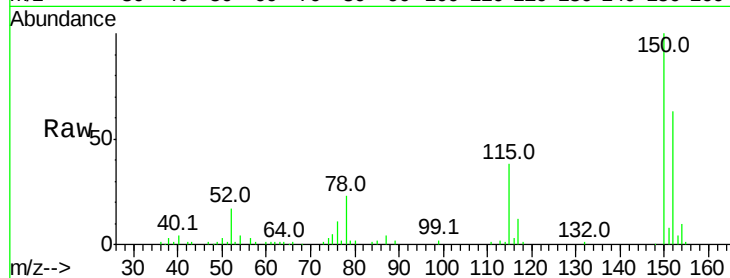
Tot Ion:152 Resp: 76002

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

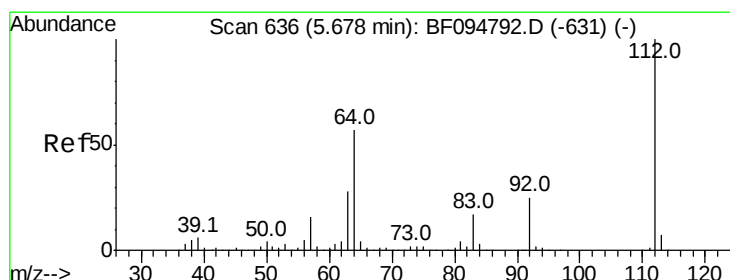
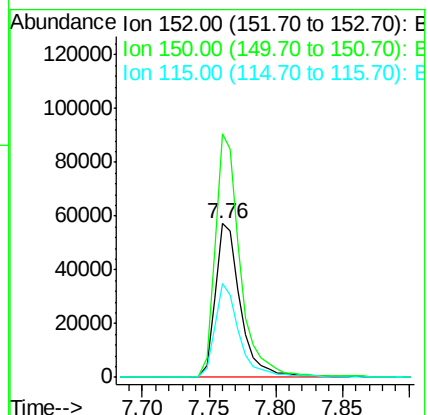
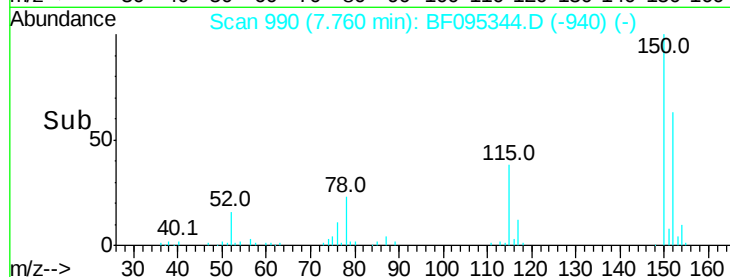
115 60.7 52.2 78.2



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: 119.11 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF095344.D

Acq: 23 May 2017 9:20

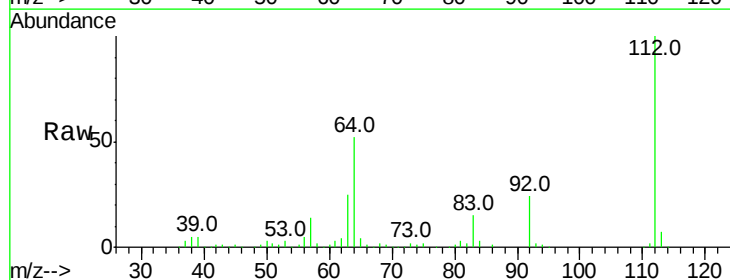
Tgt Ion:112 Resp: 542980

Ion Ratio Lower Upper

112 100

64 51.8 46.0 69.0

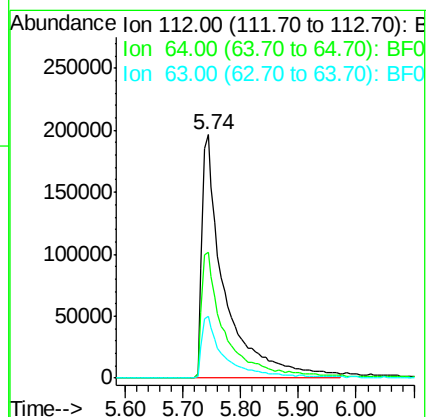
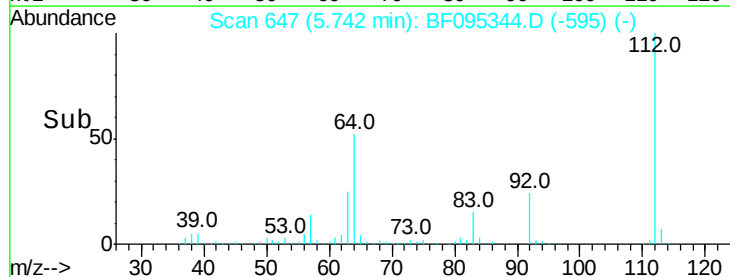
63 25.3 23.4 35.0



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: 110.43 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095344.D

Acq: 23 May 2017 9:20

Instrument :

BNA_F

ClientSampleId :

TP-7-TP-8

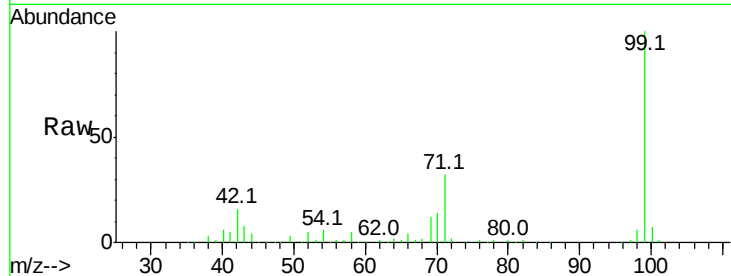
Tot Ion: 99 Resp: 603993

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

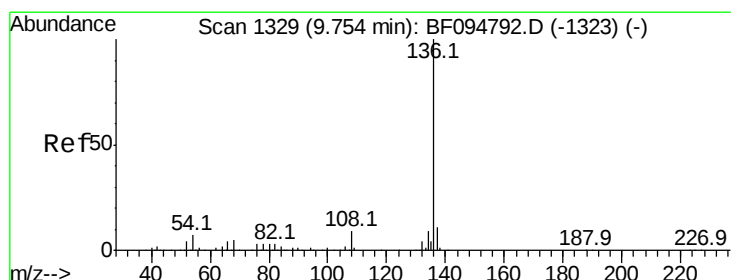
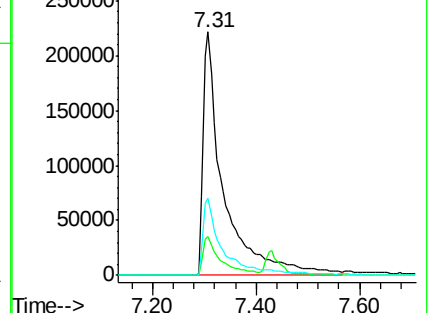
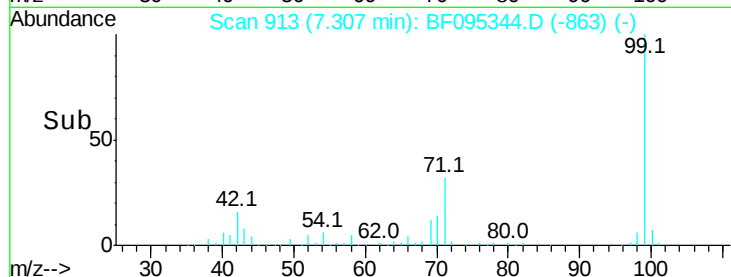
71 31.6 24.5 36.7



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: BF095344.D

Acq: 23 May 2017 9:20

Tgt Ion: 136 Resp: 296354

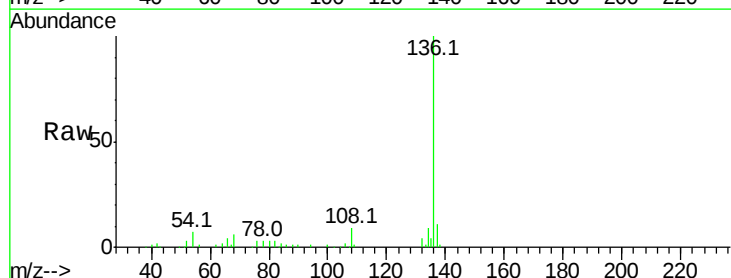
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.4 4.9 7.3#

68 5.7 4.1 6.1

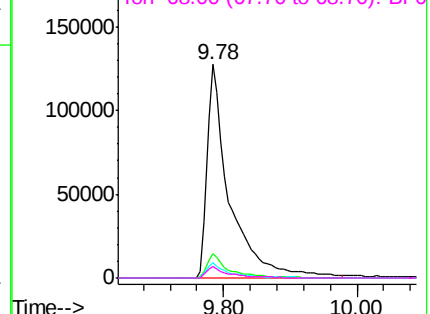
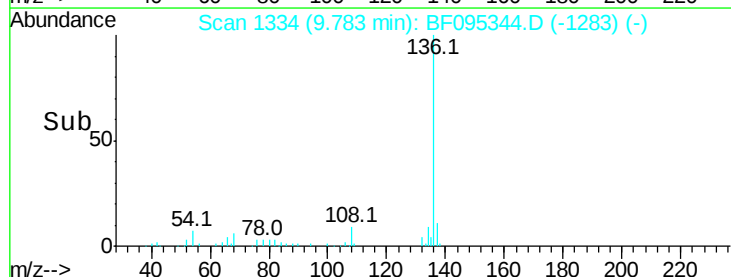


Abundance Ion 136.00 (135.70 to 136.70): E

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

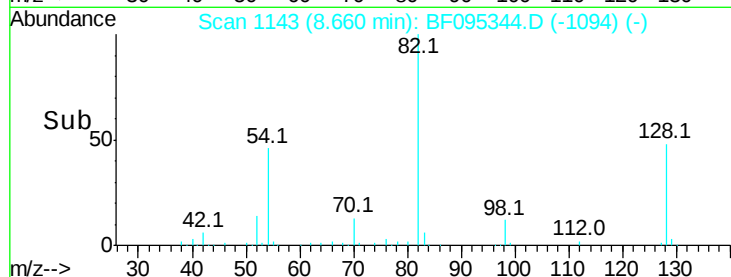
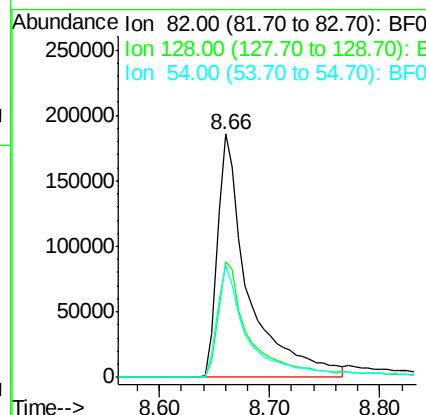
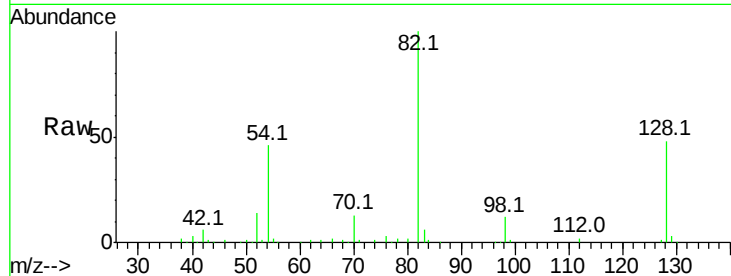




#23
 Nitrobenzene-d5
 Concen: 76.24 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095344.D
 Acq: 23 May 2017 9:20

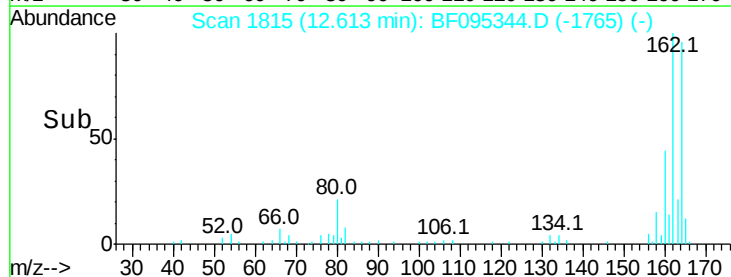
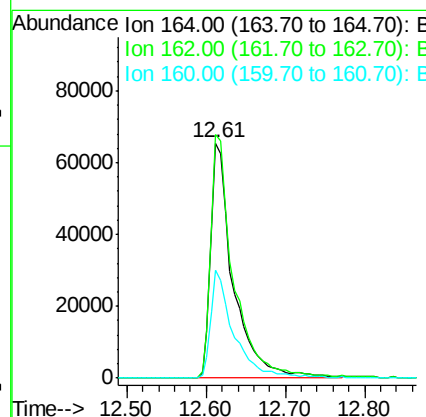
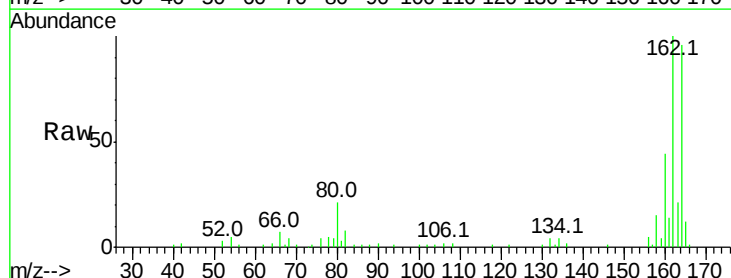
Instrument :
 BNA_F
 ClientSampleID :
 TP-7-TP-8

Tot Ion	82	Resp	358286
Ion Ratio	Lower	Upper	
82	100		
128	47.7	34.0	51.0
54	45.8	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: BF095344.D
 Acq: 23 May 2017 9:20

Tgt Ion	164	Resp	130305
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.6	123.8
160	46.0	36.2	54.2

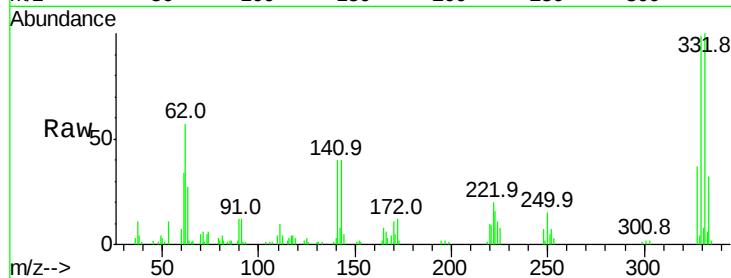




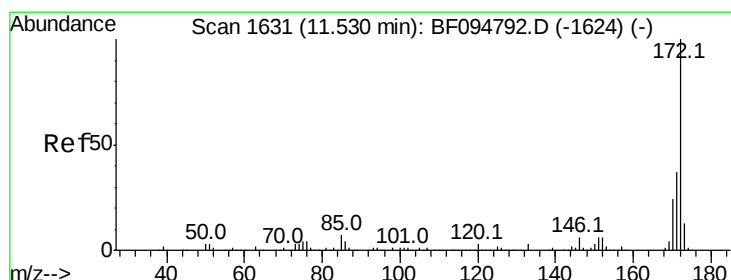
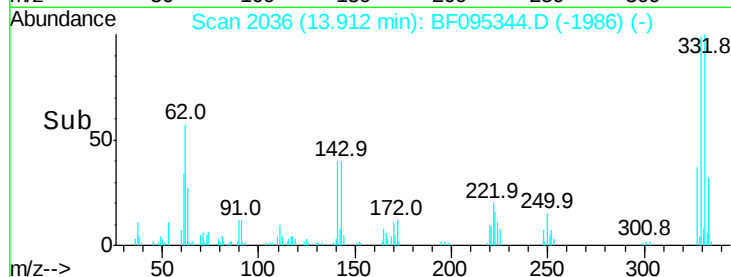
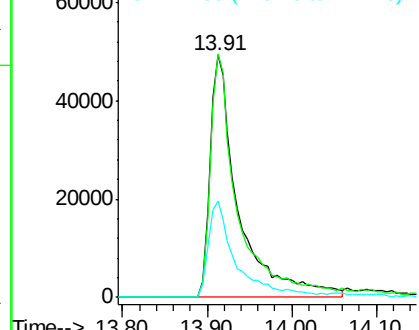
#41
 2,4,6-Tribromophenol
 Concen: 108.43 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095344.D
 Acq: 23 May 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-TP-8

Tot Ion:330 Resp: 115716
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 38.8 31.4 47.2

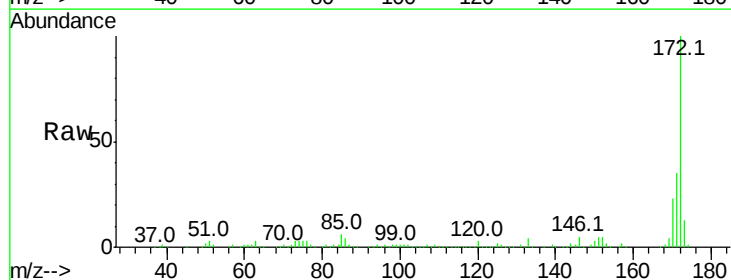


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

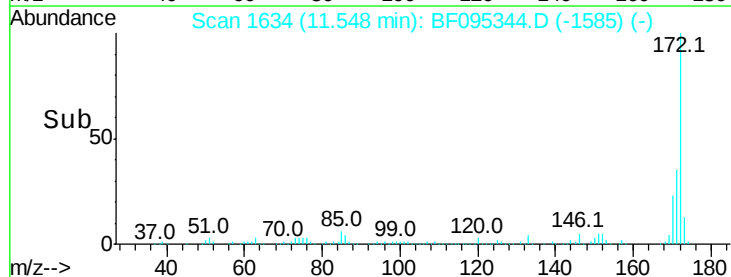
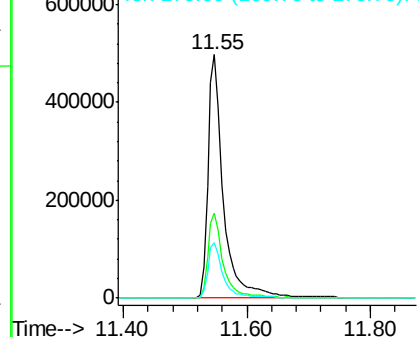


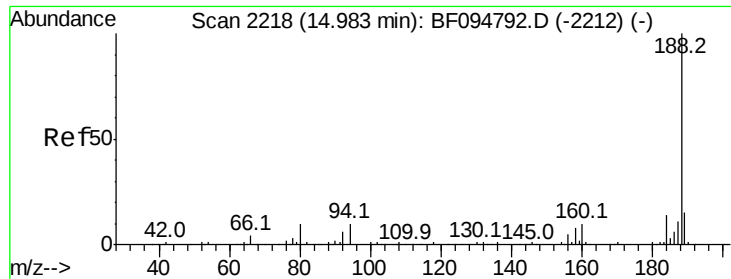
#44
 2-Fluorobiphenyl
 Concen: 95.88 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095344.D
 Acq: 23 May 2017 9:20

Tgt Ion:172 Resp: 868040
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 22.9 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

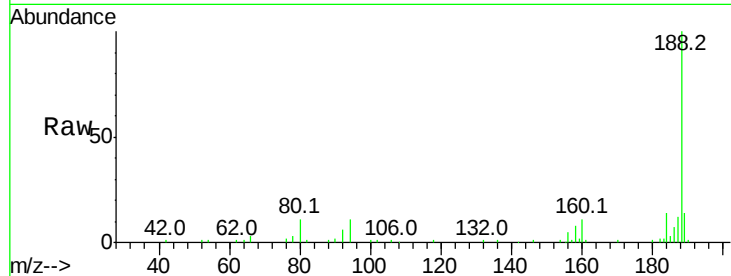




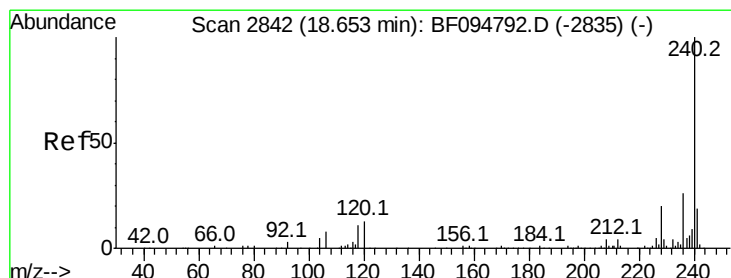
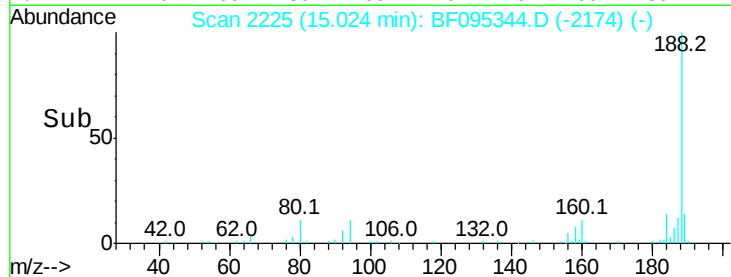
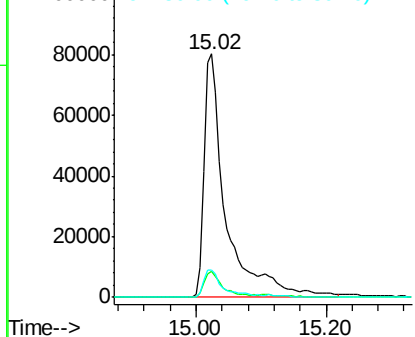
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF095344.D
Acq: 23 May 2017 9:20

Instrument :
BNA_F
ClientSampleId :
TP-7-TP-8

Tot Ion:188 Resp: 186778
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.1 10.2 15.2

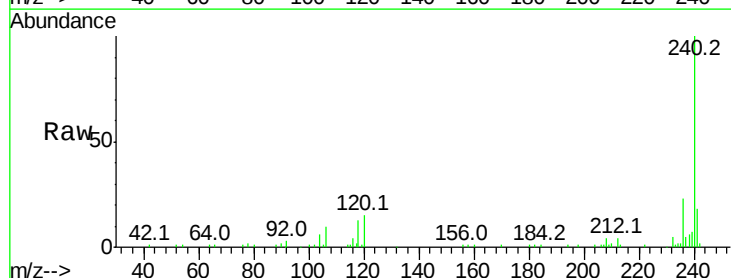


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

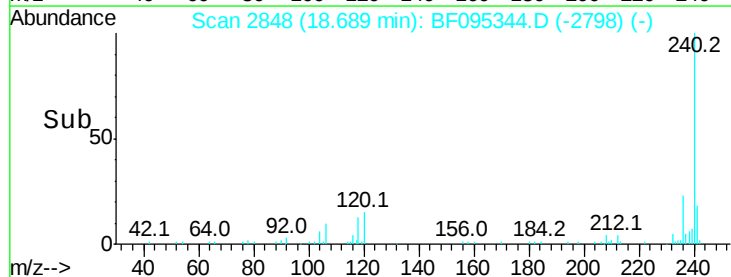
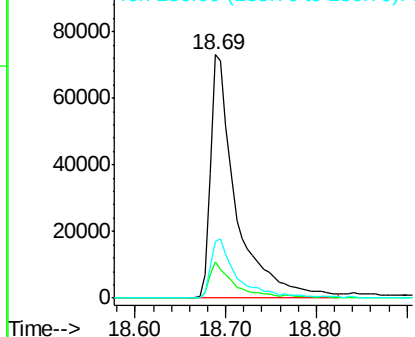


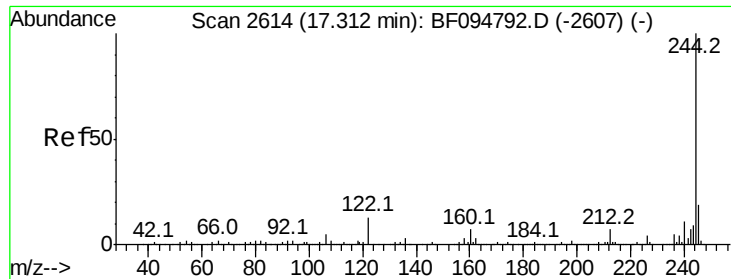
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095344.D
Acq: 23 May 2017 9:20

Tgt Ion:240 Resp: 144669
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 23.2 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: 80.61 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095344.D

Acq: 23 May 2017 9:20

Instrument :

BNA_F

ClientSampled :

TP-7-TP-8

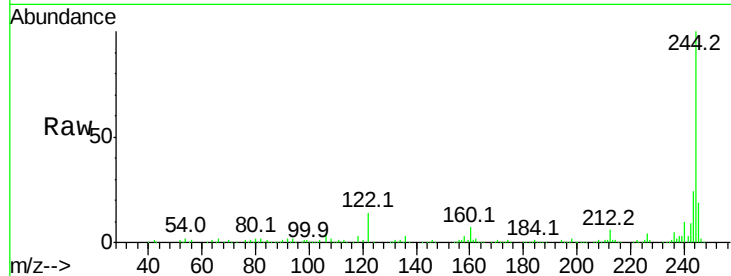
Tot Ion:244 Resp: 529436

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

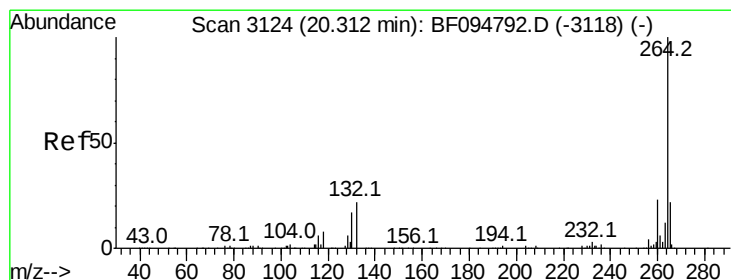
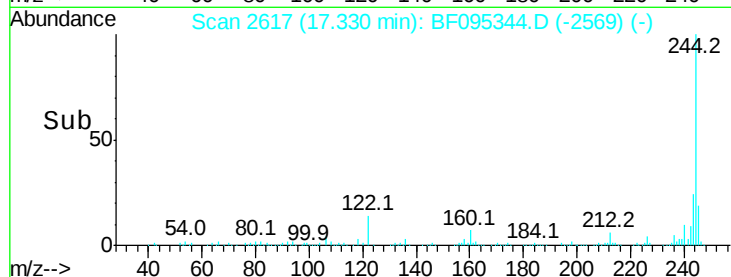
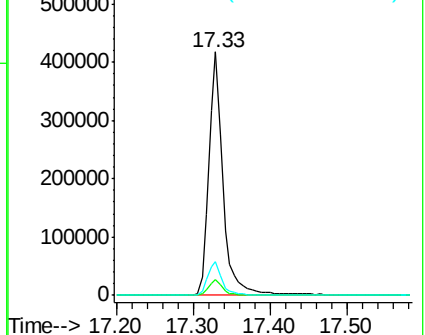
122 13.6 10.3 15.5



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: BF095344.D

Acq: 23 May 2017 9:20

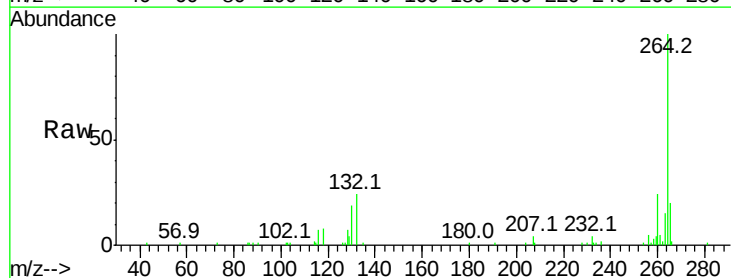
Tgt Ion:264 Resp: 112848

Ion Ratio Lower Upper

264 100

260 23.8 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

