

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095294.D
 Acq On : 20 May 2017 9:23
 Operator : SJ/MA
 Sample : I3235-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW1-TW2

Quant Time: May 22 02:35:00 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	85873	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	360764	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	147479	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	206553	20.00	ng	0.00
75) Chrysene-d12	18.69	240	156790	20.00	ng	0.00
86) Perylene-d12	20.36	264	130469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	625724	121.48	ng	0.00
7) Phenol-d6	7.31	99	684985	110.84	ng	0.00
23) Nitrobenzene-d5	8.66	82	464678	81.22	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	133743	110.73	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	982657	95.90	ng	-0.01
78) Terphenyl-d14	17.34	244	583531	81.97	ng	-0.01

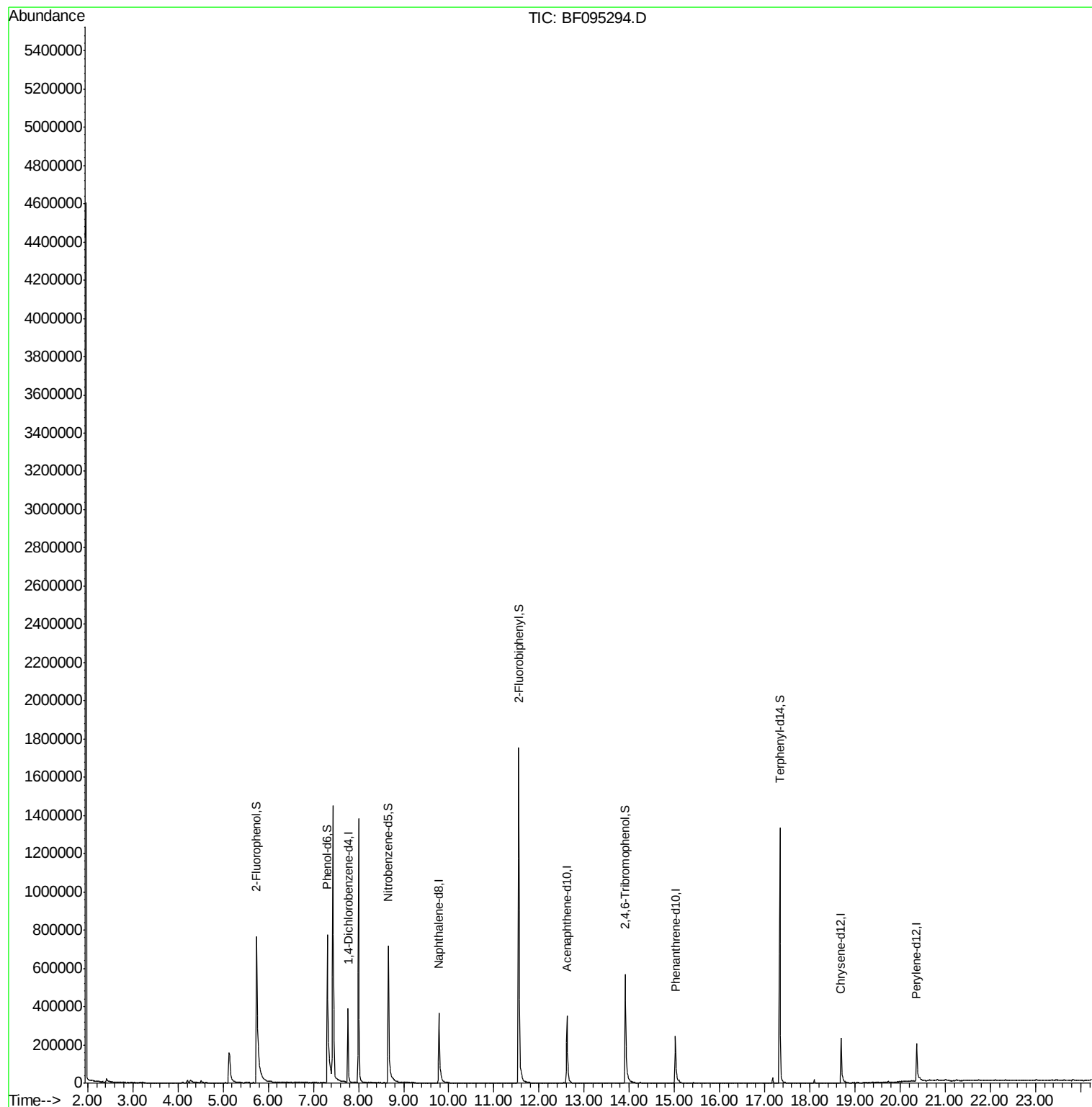
Target Compounds	Qvalue
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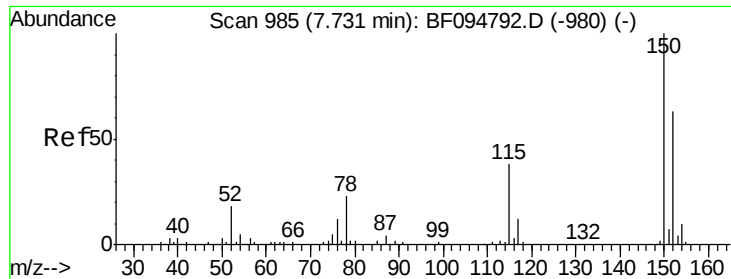
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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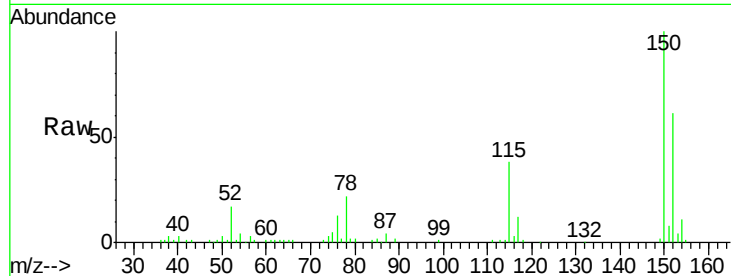


#1

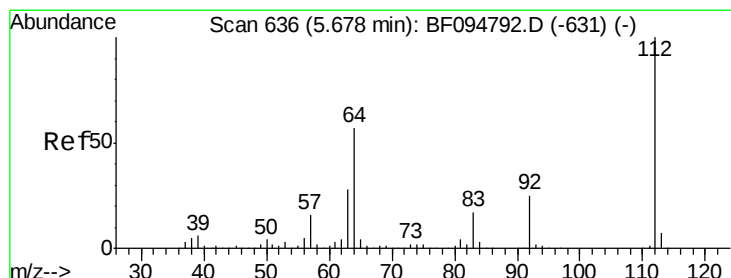
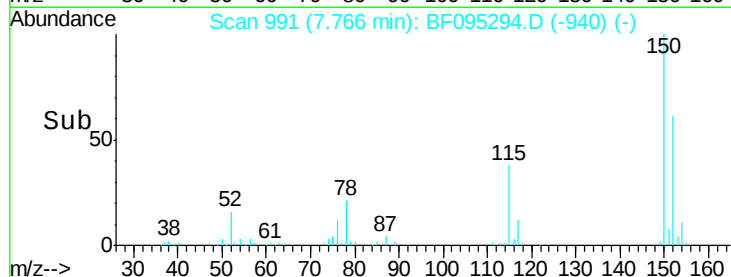
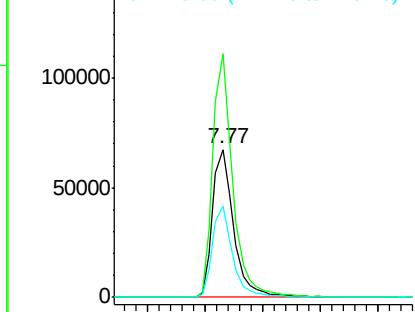
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095294.D
Acq: 20 May 2017 9:23

Instrument :
BNA_F
ClientSampled :
TW1-TW2

Tgt Ion:152 Resp: 85873
Ion Ratio Lower Upper
152 100
150 164.3 126.2 189.2
115 61.8 52.2 78.2



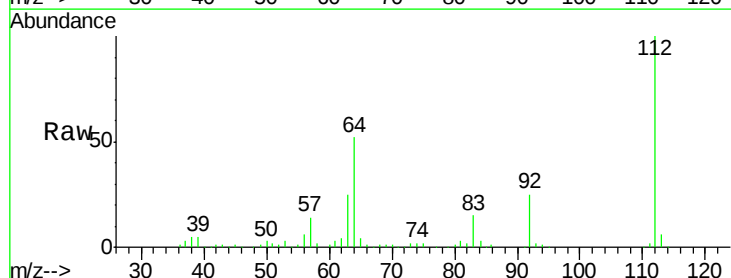
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



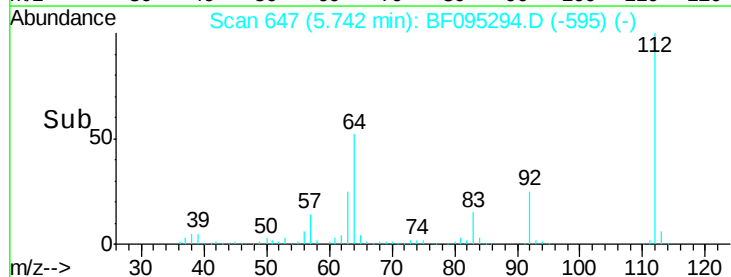
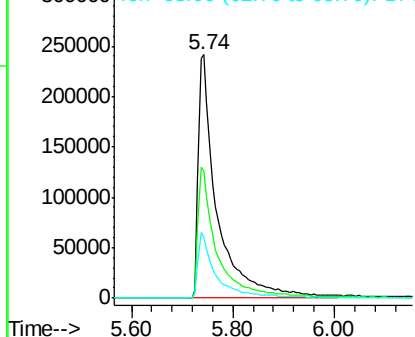
#5

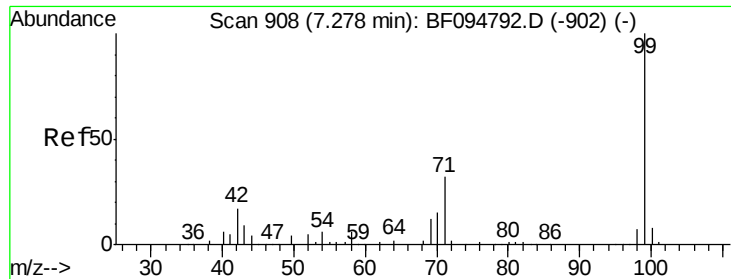
2-Fluorophenol
Concen: 121.48 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095294.D
Acq: 20 May 2017 9:23

Tgt Ion:112 Resp: 625724
Ion Ratio Lower Upper
112 100
64 52.3 46.0 69.0
63 24.9 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: 110.84 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095294.D

Acq: 20 May 2017 9:23

Instrument :

BNA_F

ClientSampleId :

TW1-TW2

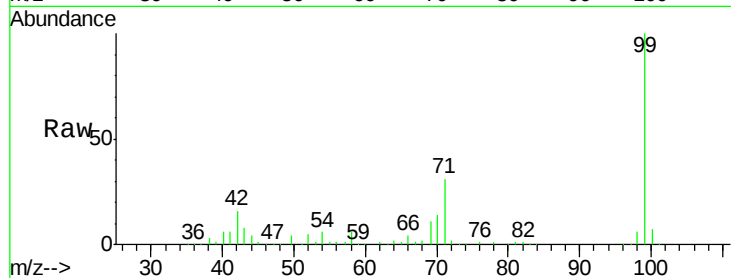
Tgt Ion: 99 Resp: 684985

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

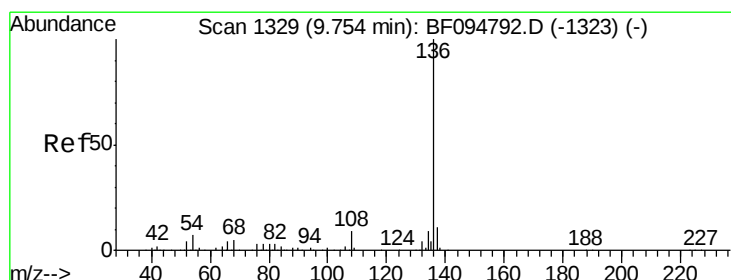
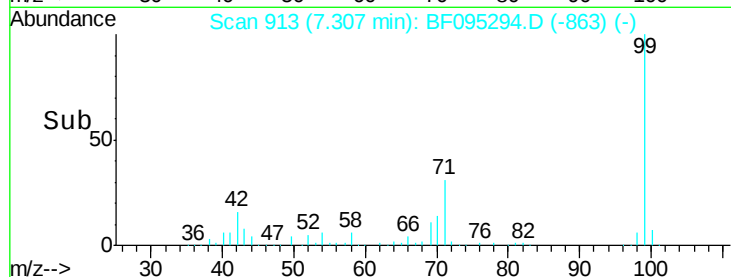
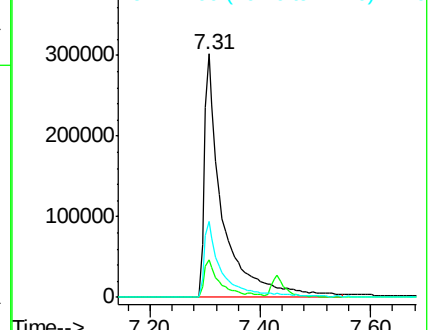
71 31.3 24.5 36.7



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: BF095294.D

Acq: 20 May 2017 9:23

Tgt Ion: 136 Resp: 360764

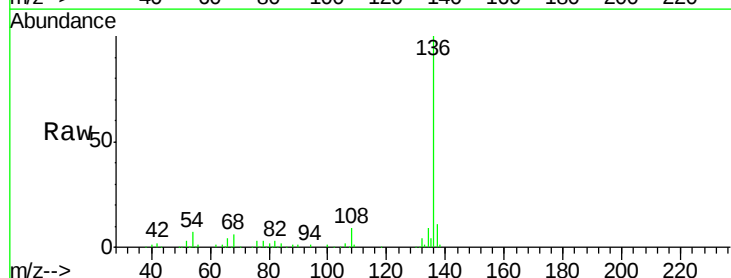
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.6 4.1 6.1

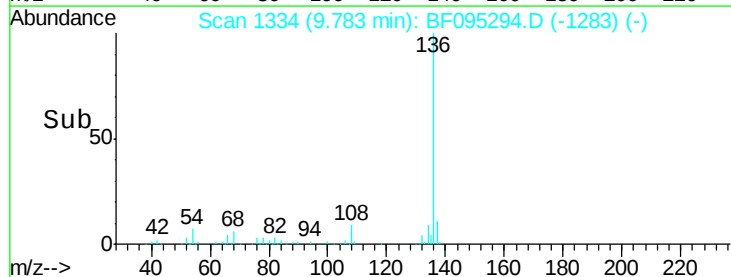
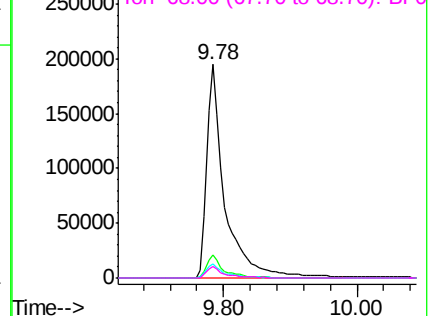


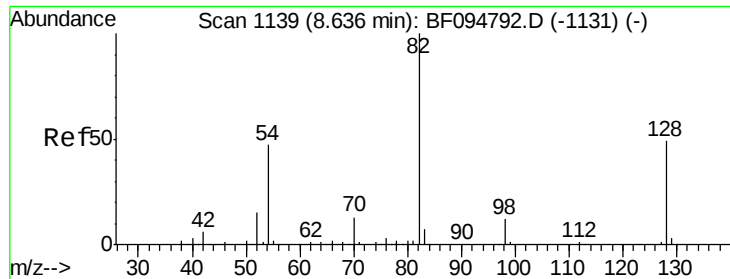
Abundance Ion 136.00 (135.70 to 136.70): E

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

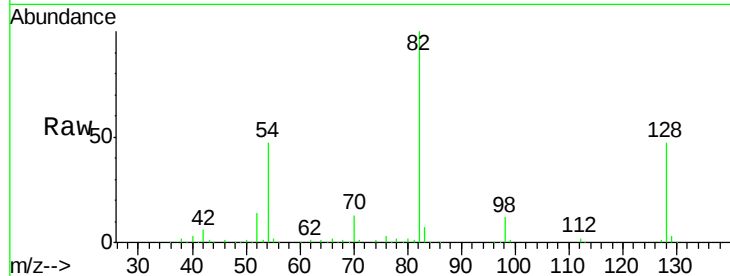




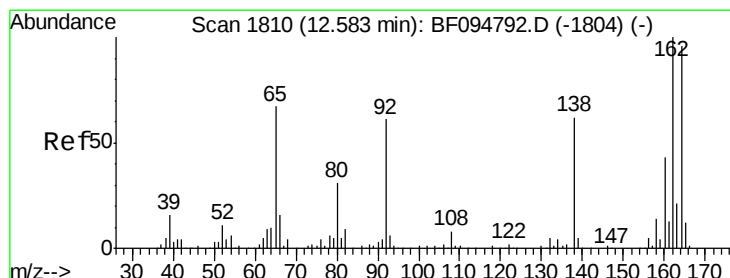
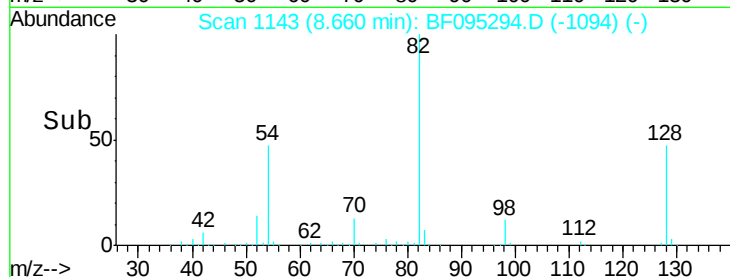
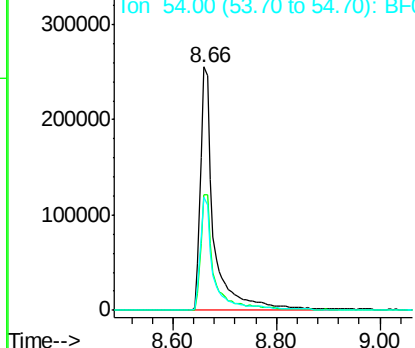
#23
 Nitrobenzene-d5
 Concen: 81.22 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

Instrument :
 BNA_F
 ClientSampleId :
 TW1-TW2

Tgt Ion: 82 Resp: 464678
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 46.6 42.2 63.2

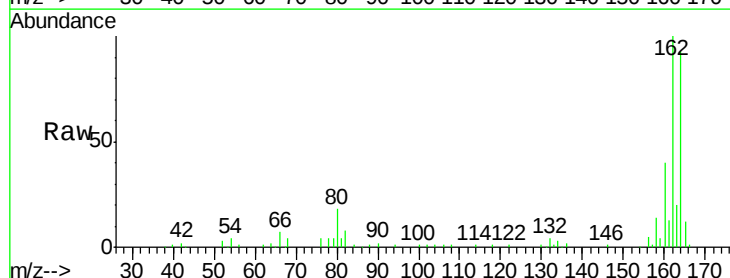


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

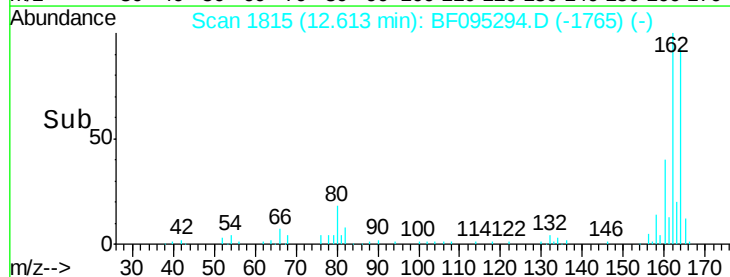
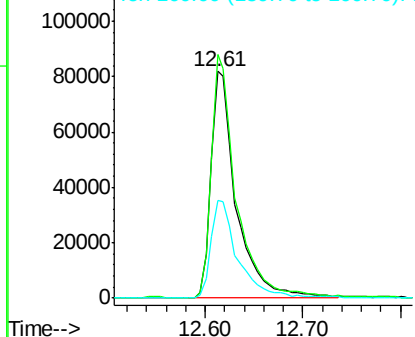


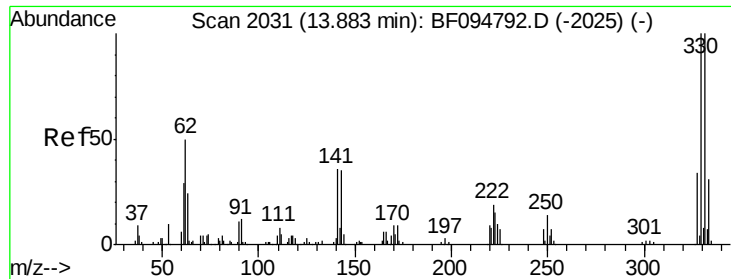
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

Tgt Ion: 164 Resp: 147479
 Ion Ratio Lower Upper
 164 100
 162 107.5 82.6 123.8
 160 42.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

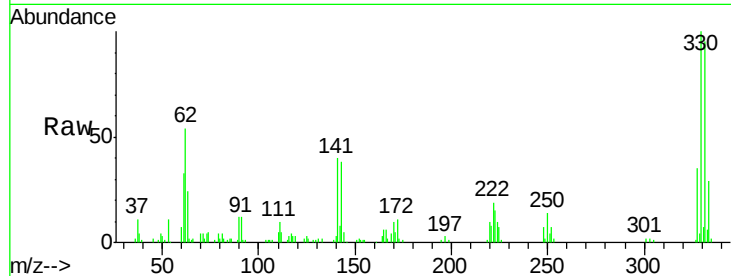




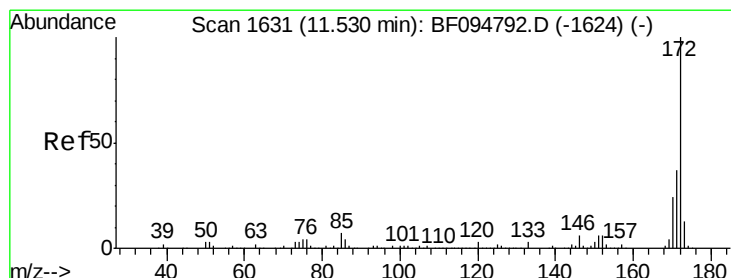
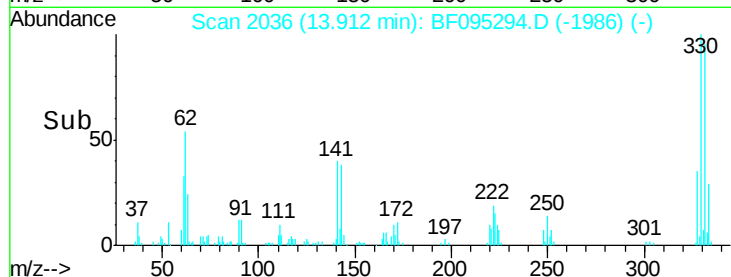
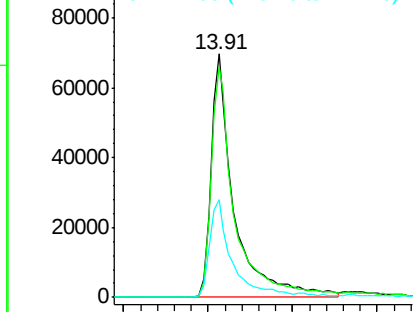
#41
 2,4,6-Tribromophenol
 Concen: 110.73 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

Instrument :
 BNA_F
 ClientSampleId :
 TW1-TW2

Tgt Ion: 330 Resp: 133743
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 40.1 31.4 47.2

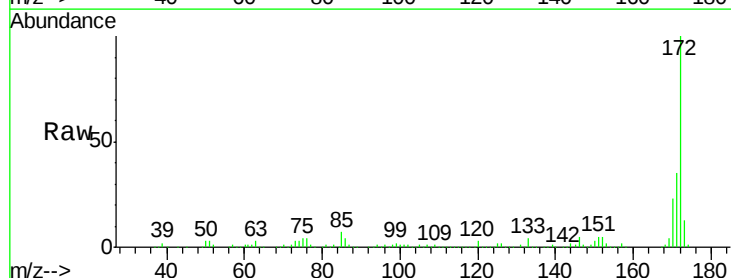


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

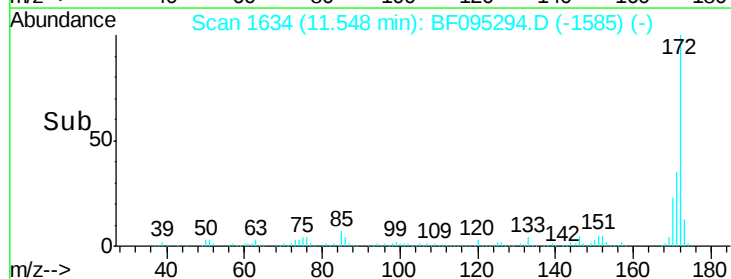
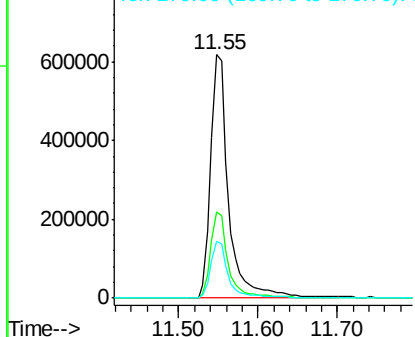


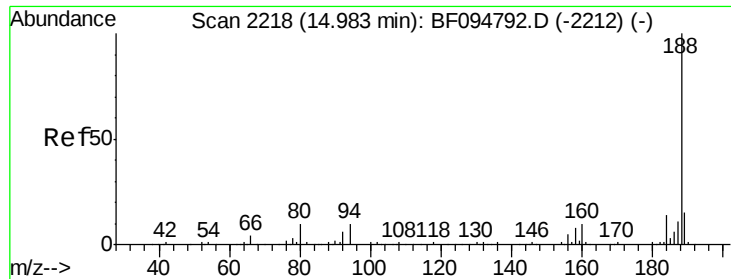
#44
 2-Fluorobiphenyl
 Concen: 95.90 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

Tgt Ion: 172 Resp: 982657
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.4 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

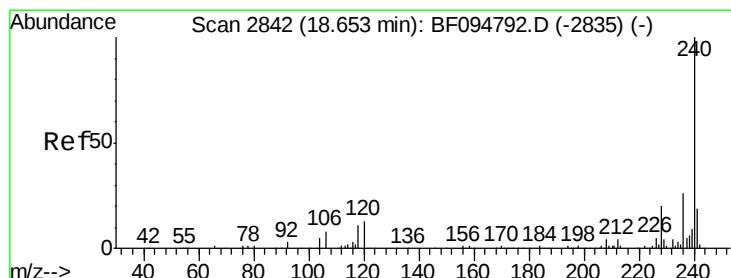
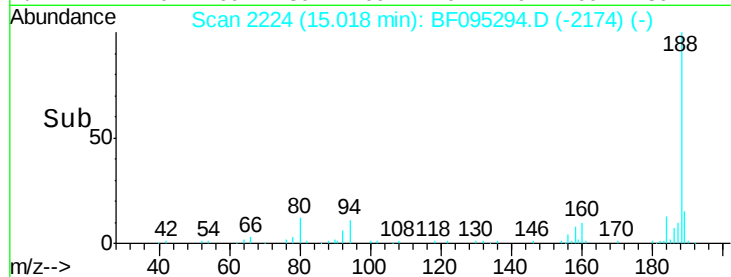
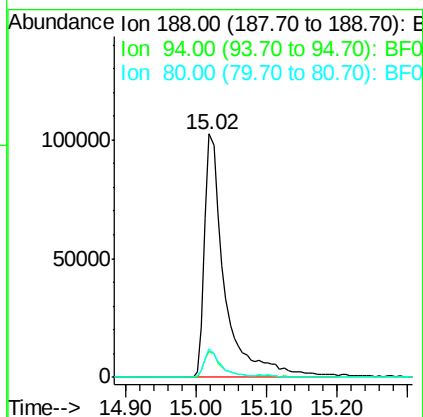
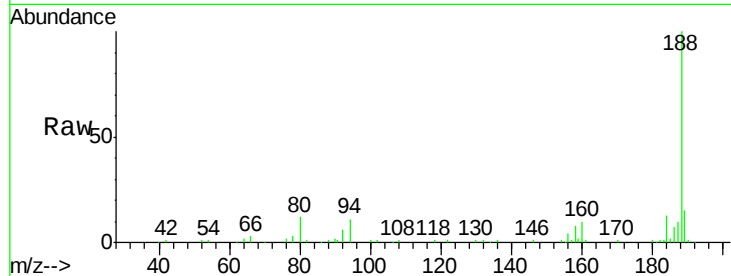




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095294.D
Acq: 20 May 2017 9:23

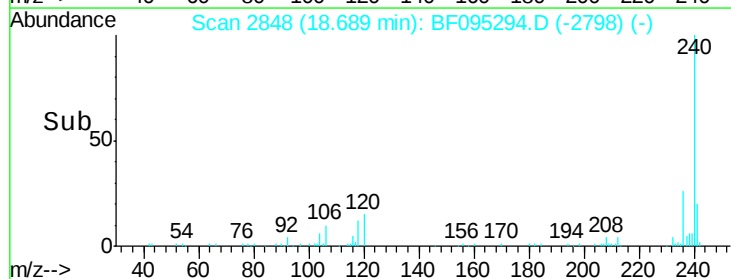
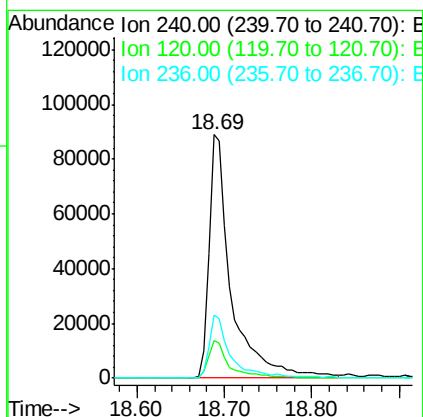
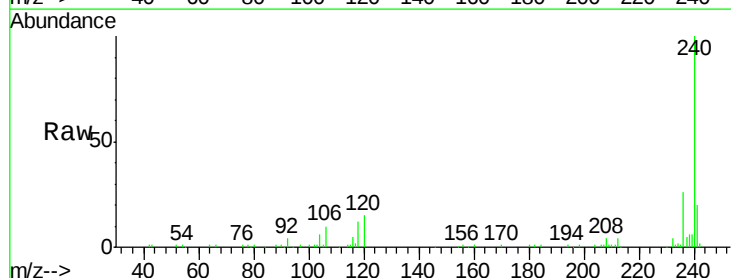
Instrument :
BNA_F
ClientSampleId :
TW1-TW2

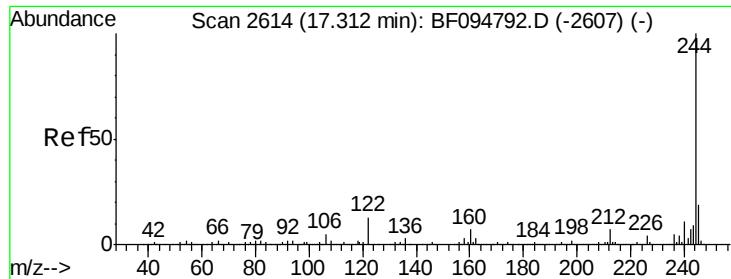
Tgt Ion:188 Resp: 206553
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095294.D
Acq: 20 May 2017 9:23

Tgt Ion:240 Resp: 156790
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 25.8 20.5 30.7

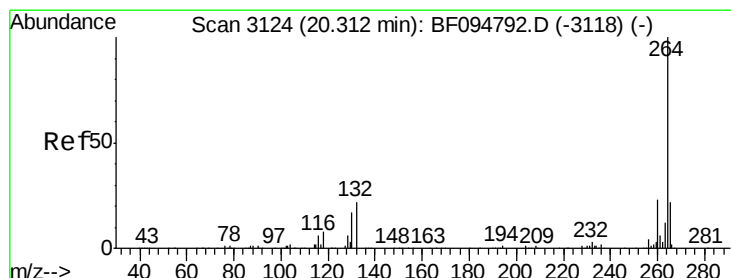
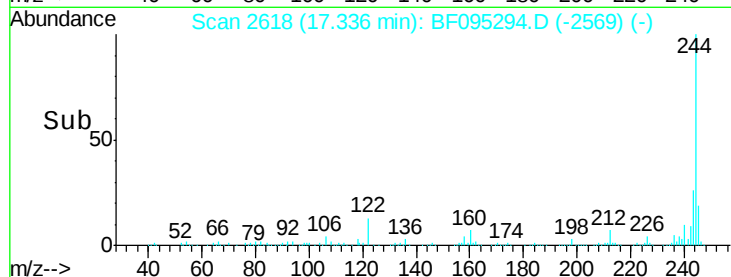
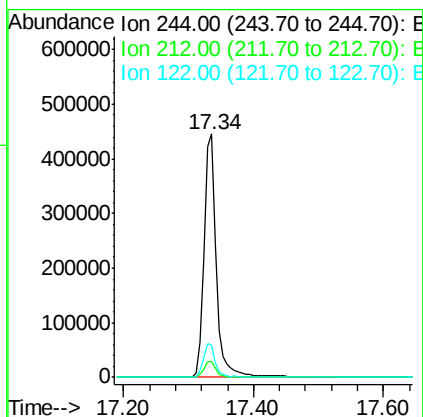
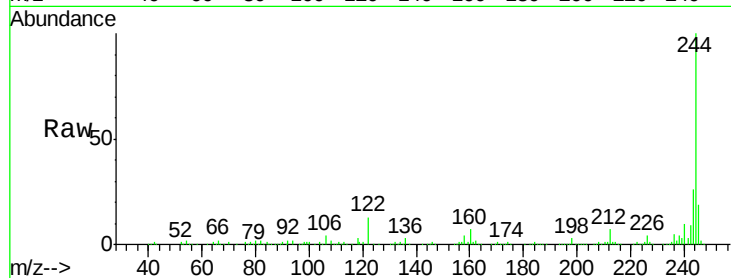




#78
 Terphenyl-d14
 Concen: 81.97 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

Instrument :
 BNA_F
 ClientSampleId :
 TW1-TW2

Tgt Ion: 244 Resp: 583531
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

Tgt Ion: 264 Resp: 130469
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.5 17.2 25.8

