

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095556.D
 Acq On : 31 May 2017 5:35
 Operator : SJ/MA
 Sample : I3353-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Quant Time: May 31 08:47:16 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	83377	20.00	ng	0.00
21) Naphthalene-d8	9.76	136	320519	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	114984	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	175092	20.00	ng	0.00
75) Chrysene-d12	18.68	240	186245	20.00	ng	0.00
86) Perylene-d12	20.35	264	128492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	322167	64.42	ng	0.02
7) Phenol-d6	7.32	99	223695	37.28	ng	0.03
23) Nitrobenzene-d5	8.64	82	502760	98.91	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	146229	155.28	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	941687	117.88	ng	0.00
78) Terphenyl-d14	17.32	244	750052	88.70	ng	0.00

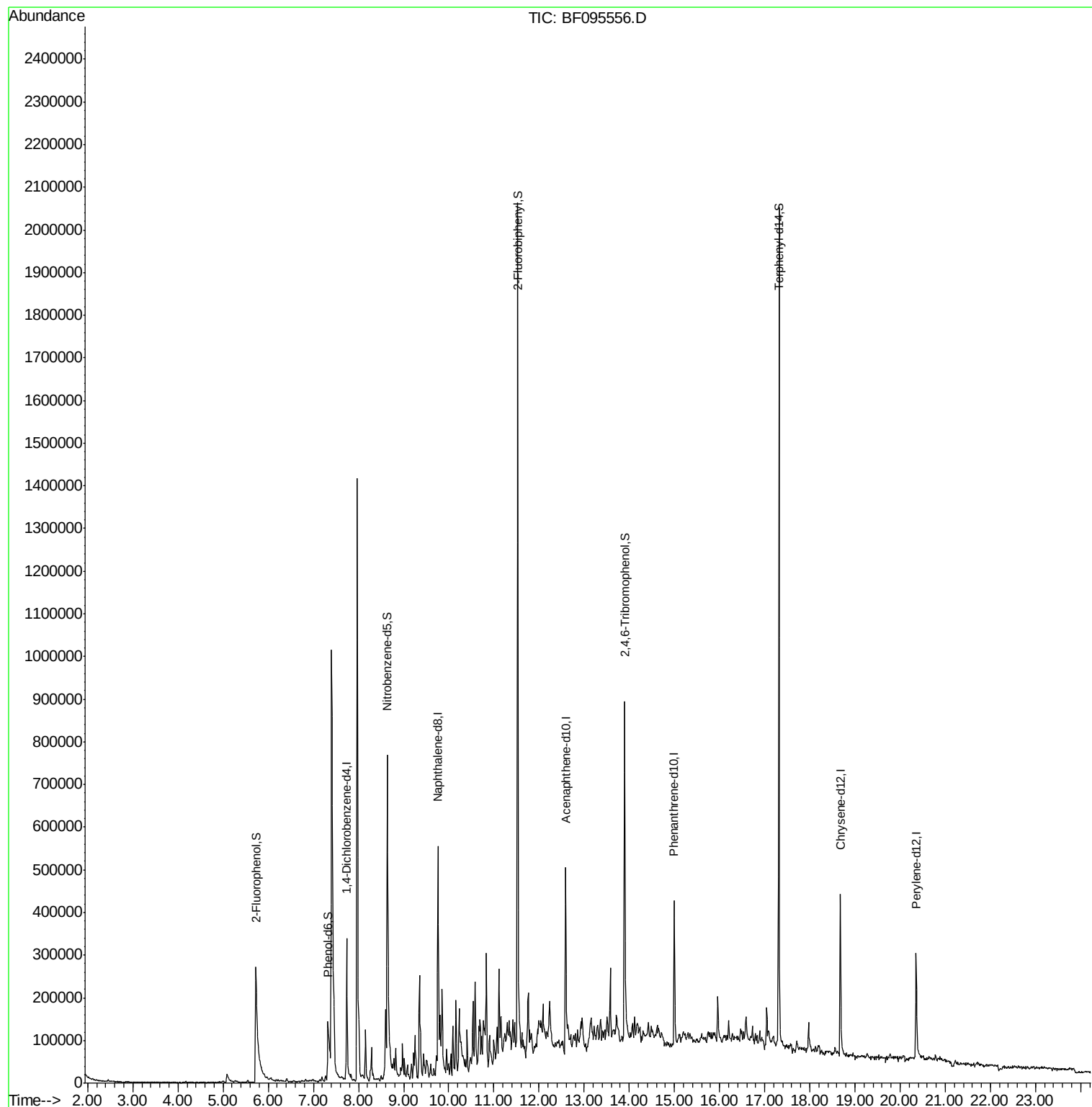
Target Compounds	Qvalue
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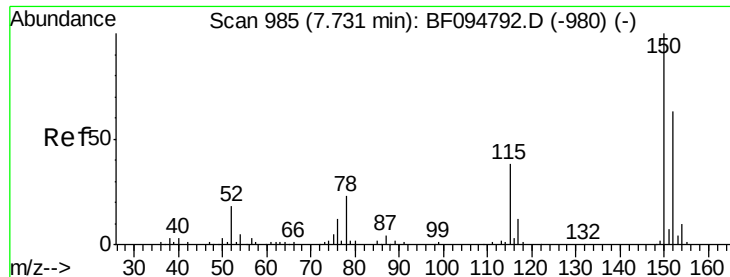
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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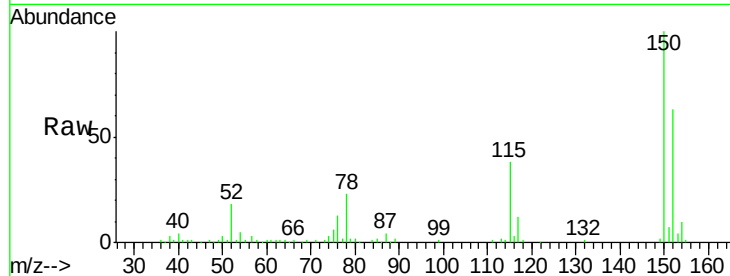


#1

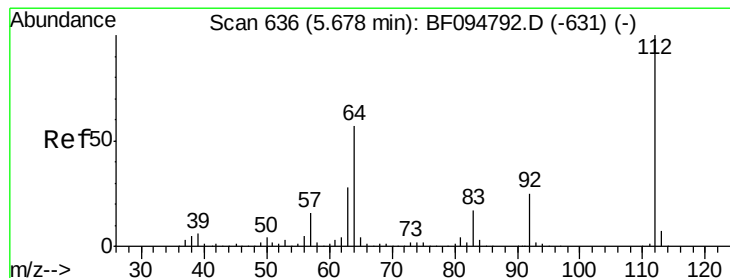
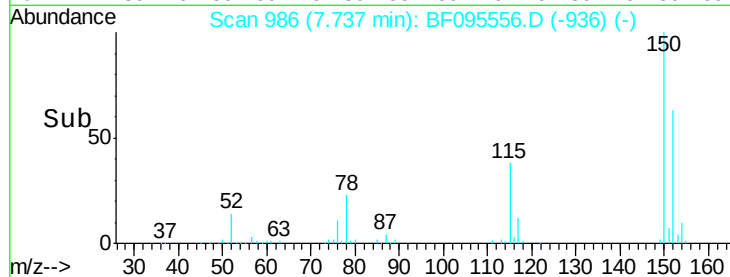
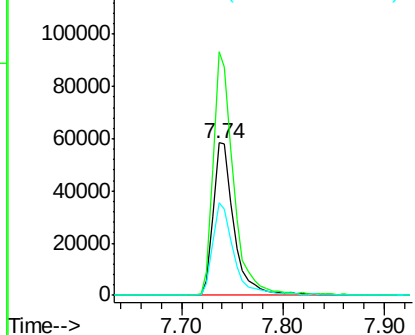
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095556.D
Acq: 31 May 2017 5:35

Instrument :
BNA_F
ClientSampleId :
RW-1

Tgt Ion:152 Resp: 83377
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 60.5 52.2 78.2



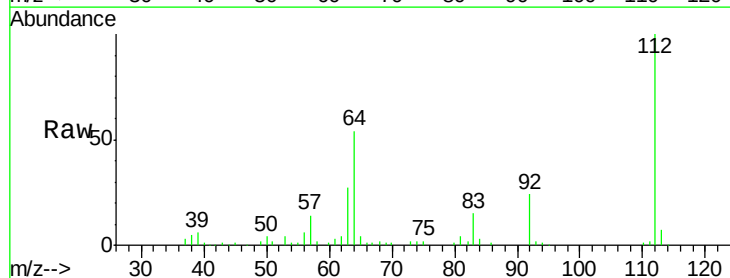
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



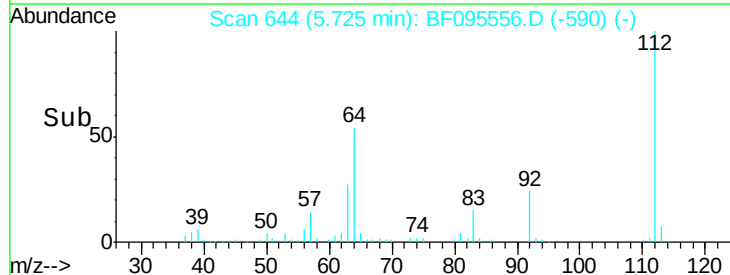
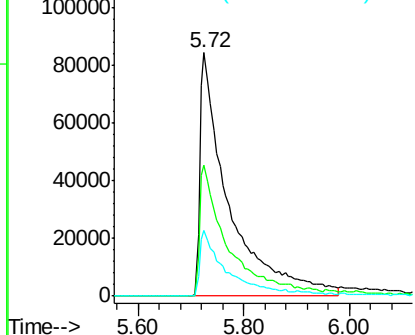
#5

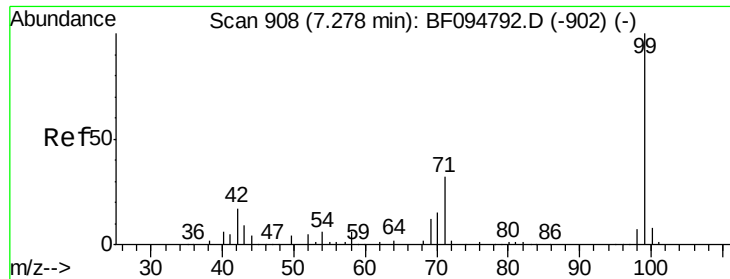
2-Fluorophenol
Concen: 64.42 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095556.D
Acq: 31 May 2017 5:35

Tgt Ion:112 Resp: 322167
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 27.1 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: 37.28 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.03 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

Instrument :

BNA_F

ClientSampleId :

RW-1

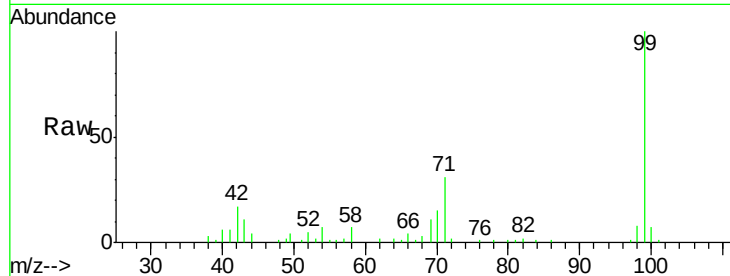
Tgt Ion: 99 Resp: 223695

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

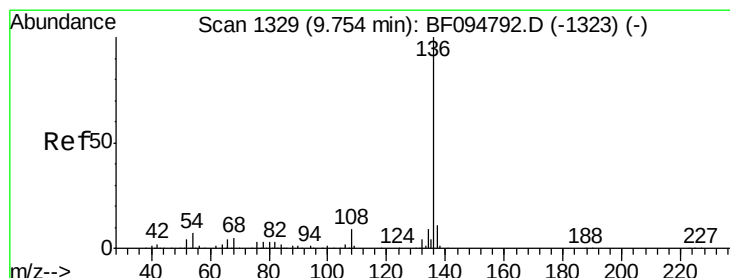
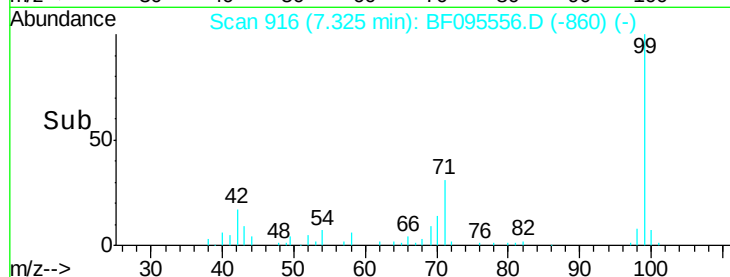
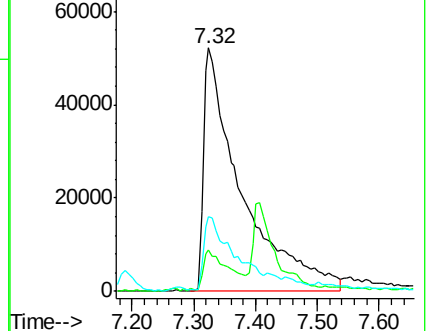
71 30.7 24.5 36.7



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: 9.76 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

Tgt Ion: 136 Resp: 320519

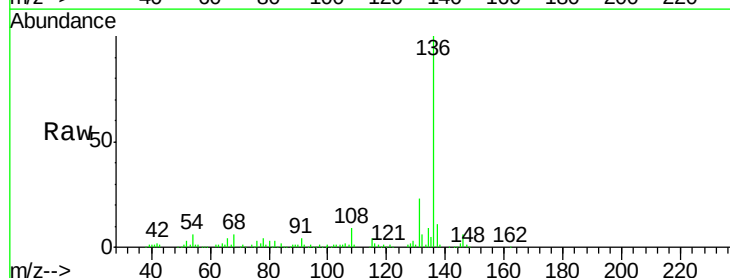
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.3 4.9 7.3

68 5.8 4.1 6.1

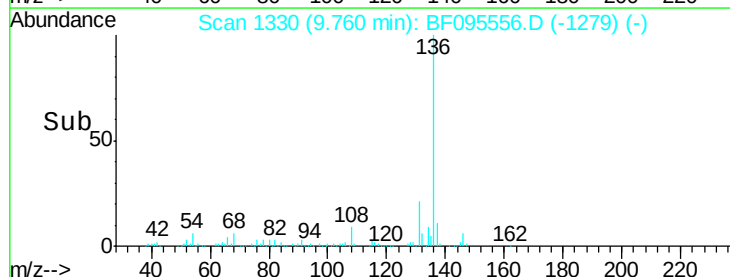
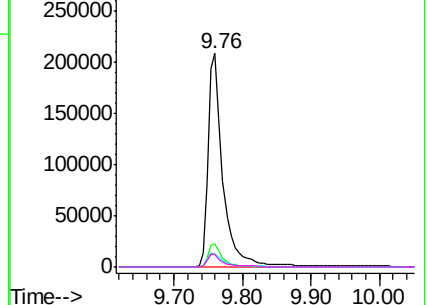


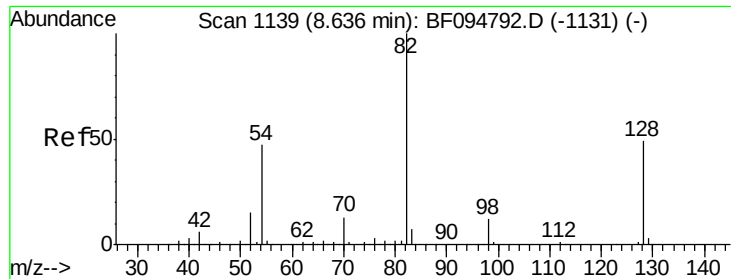
Abundance Ion 136.00 (135.70 to 136.70): E

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

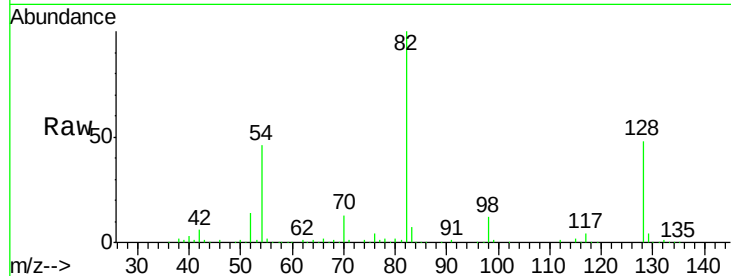




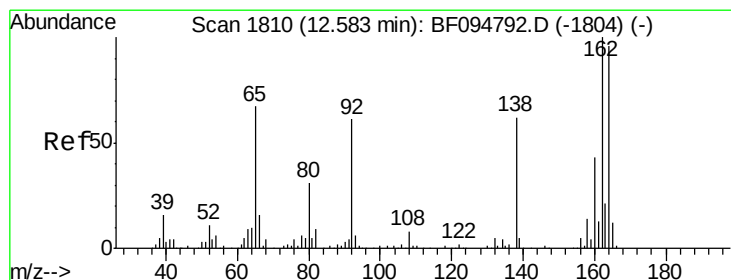
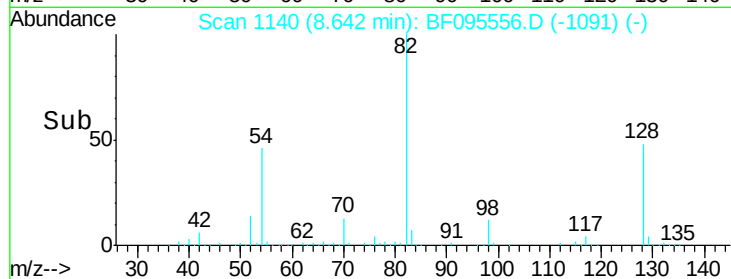
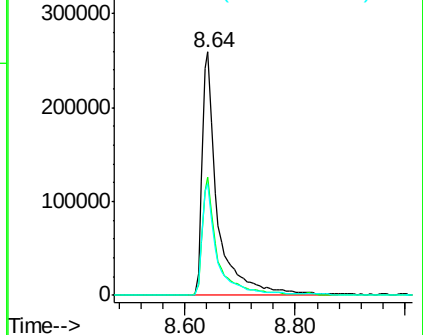
#23
 Nitrobenzene-d5
 Concen: 98.91 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095556.D
 Acq: 31 May 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tgt Ion: 82 Resp: 502760
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 46.0 42.2 63.2

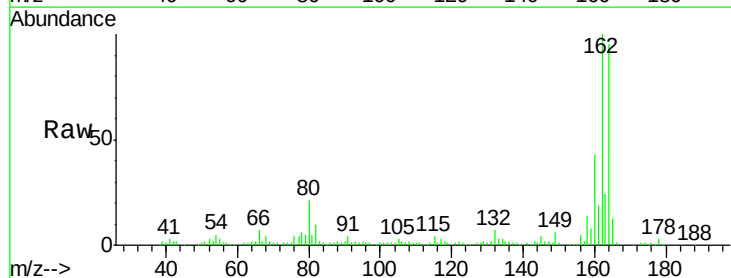


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

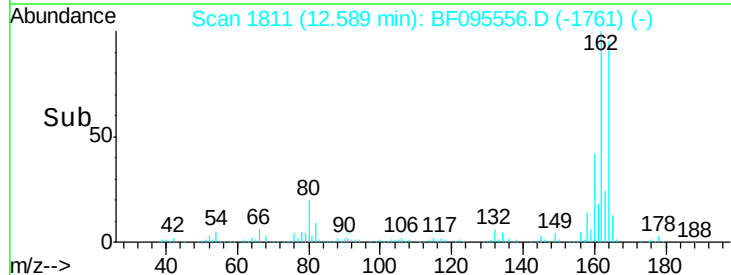
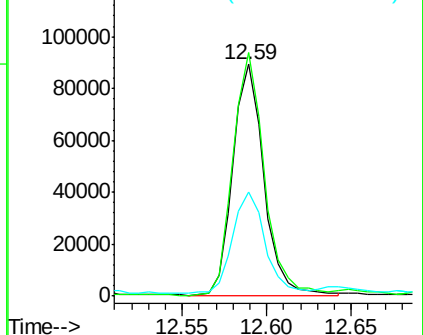


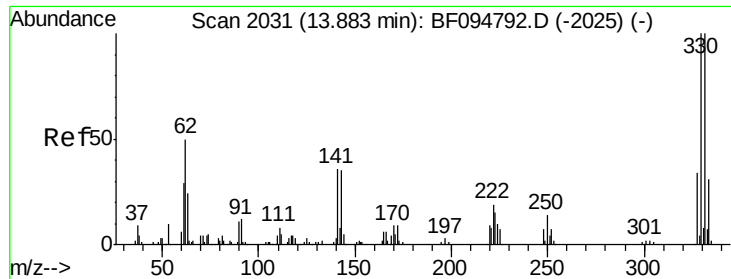
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF095556.D
 Acq: 31 May 2017 5:35

Tgt Ion: 164 Resp: 114984
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.6 123.8
 160 45.1 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

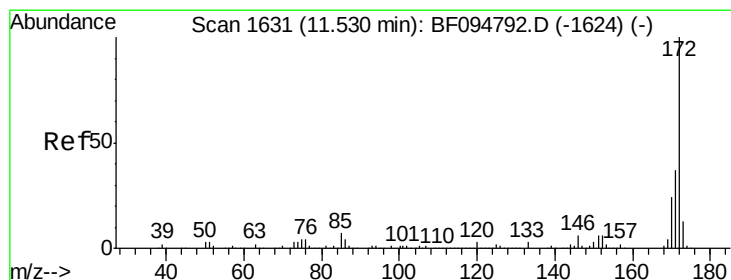
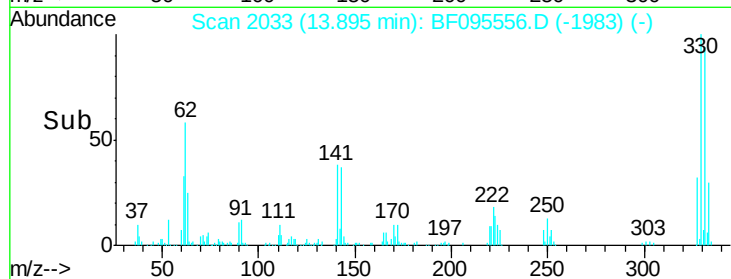
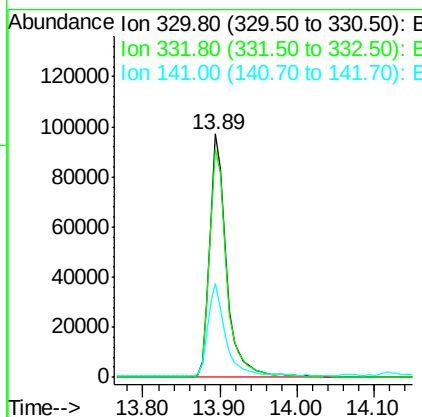
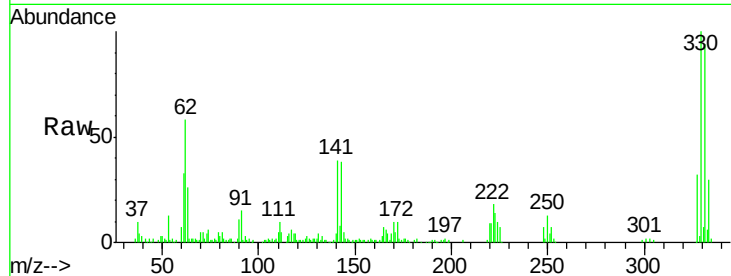




#41
 2,4,6-Tribromophenol
 Concen: 155.28 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095556.D
 Acq: 31 May 2017 5:35

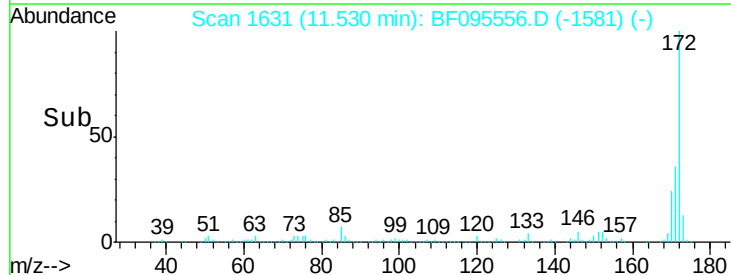
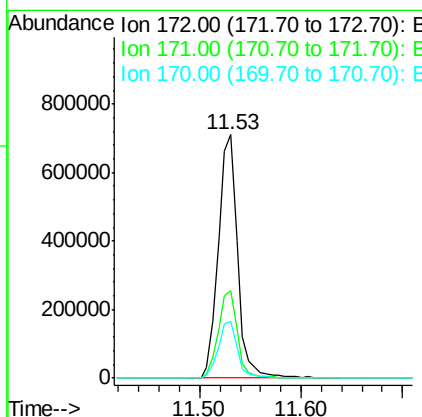
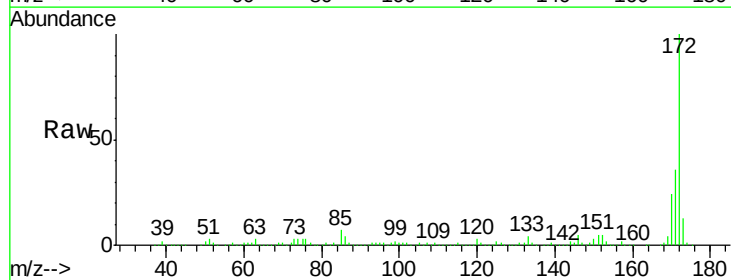
Instrument :
 BNA_F
 ClientSampleId :
 RW-1

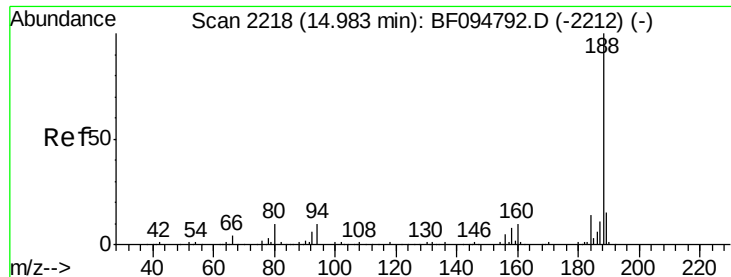
Tgt Ion: 330 Resp: 146229
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 115.0
 141 39.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 117.88 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095556.D
 Acq: 31 May 2017 5:35

Tgt Ion: 172 Resp: 941687
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.5 19.8 29.8

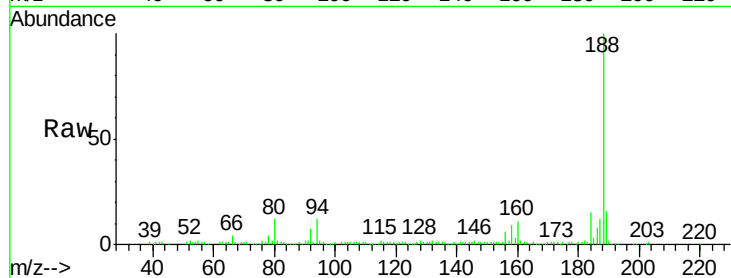




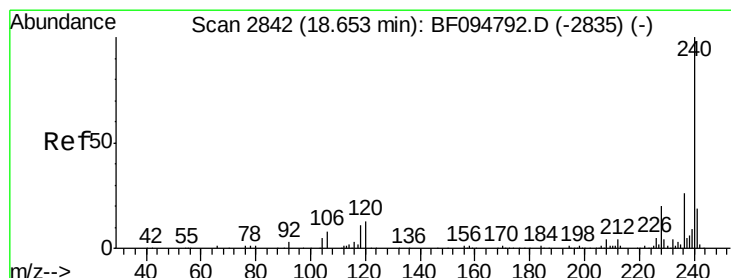
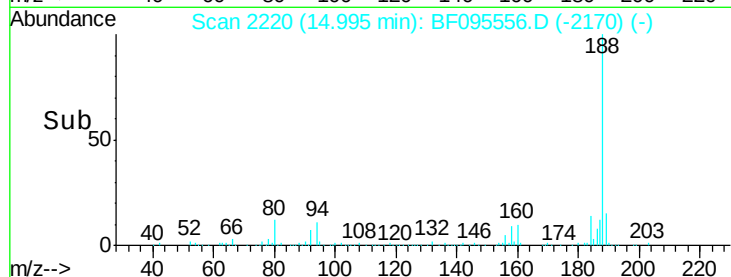
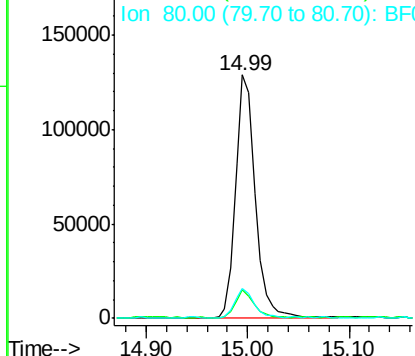
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.99 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF095556.D
Acq: 31 May 2017 5:35

Instrument :
BNA_F
ClientSampleId :
RW-1

Tgt Ion:188 Resp: 175092
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.3 10.2 15.2

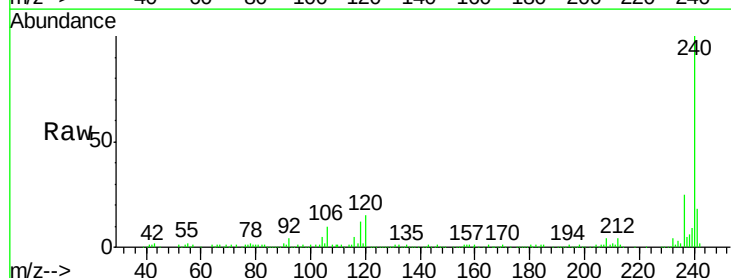


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

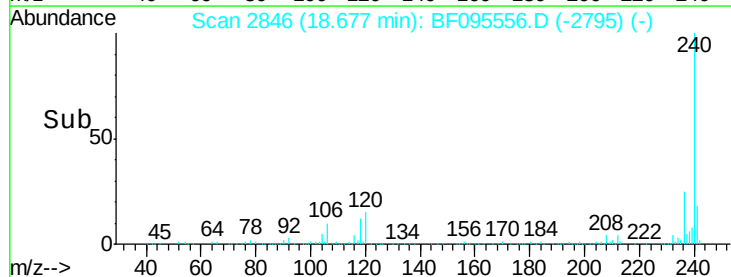
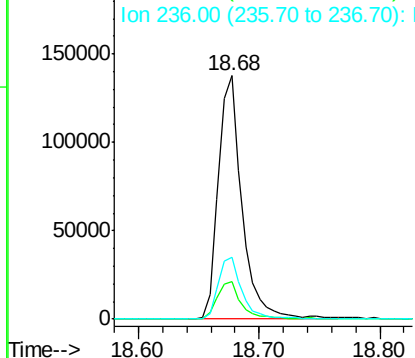


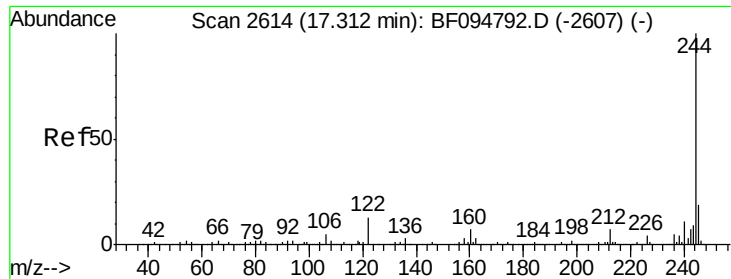
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BF095556.D
Acq: 31 May 2017 5:35

Tgt Ion:240 Resp: 186245
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 25.2 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

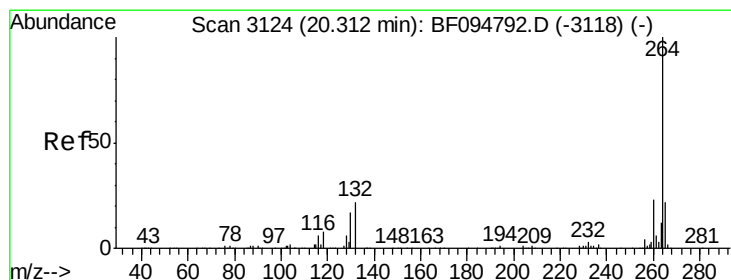
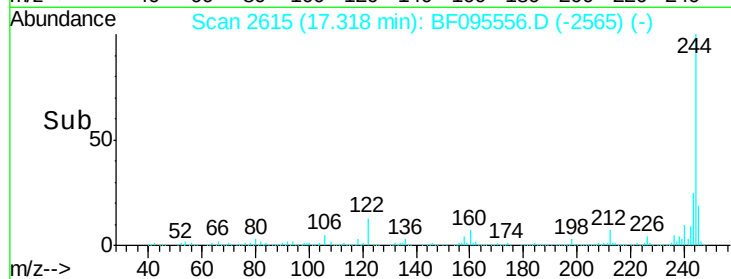
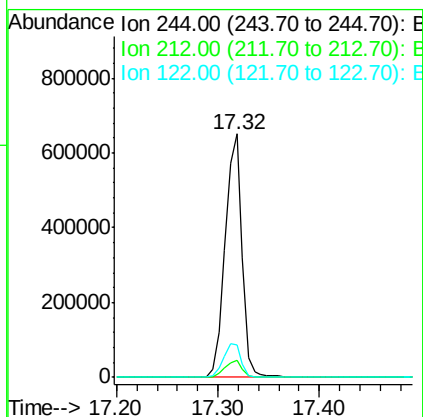
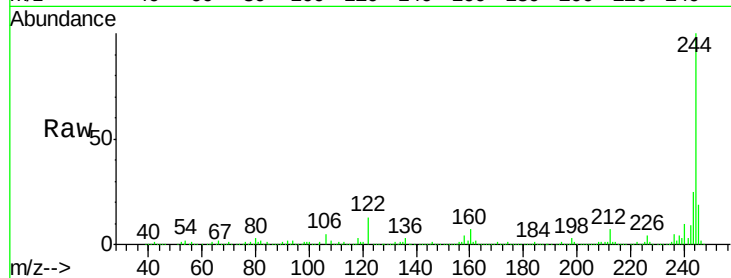




#78
 Terphenyl-d14
 Concen: 88.70 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095556.D
 Acq: 31 May 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tgt Ion: 244 Resp: 750052
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. 0.00 min
 Lab File: BF095556.D
 Acq: 31 May 2017 5:35

Tgt Ion: 264 Resp: 128492
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 22.2 17.2 25.8

