

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095614.D
 Acq On : 2 Jun 2017 2:50
 Operator : SJ/MA
 Sample : I3409-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NP-ESB-25-26-27

Quant Time: Jun 02 05:51:11 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	81784	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	325624	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	135474	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	282013	20.00	ng	0.00
75) Chrysene-d12	18.50	240	232888	20.00	ng	0.00
86) Perylene-d12	20.19	264	36808	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	715379	145.83	ng	0.02
7) Phenol-d6	7.09	99	798435	135.66	ng	0.00
23) Nitrobenzene-d5	8.45	82	501721	97.16	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	203605	183.51	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1046647	111.20	ng	0.00
78) Terphenyl-d14	17.15	244	972151	91.94	ng	0.00

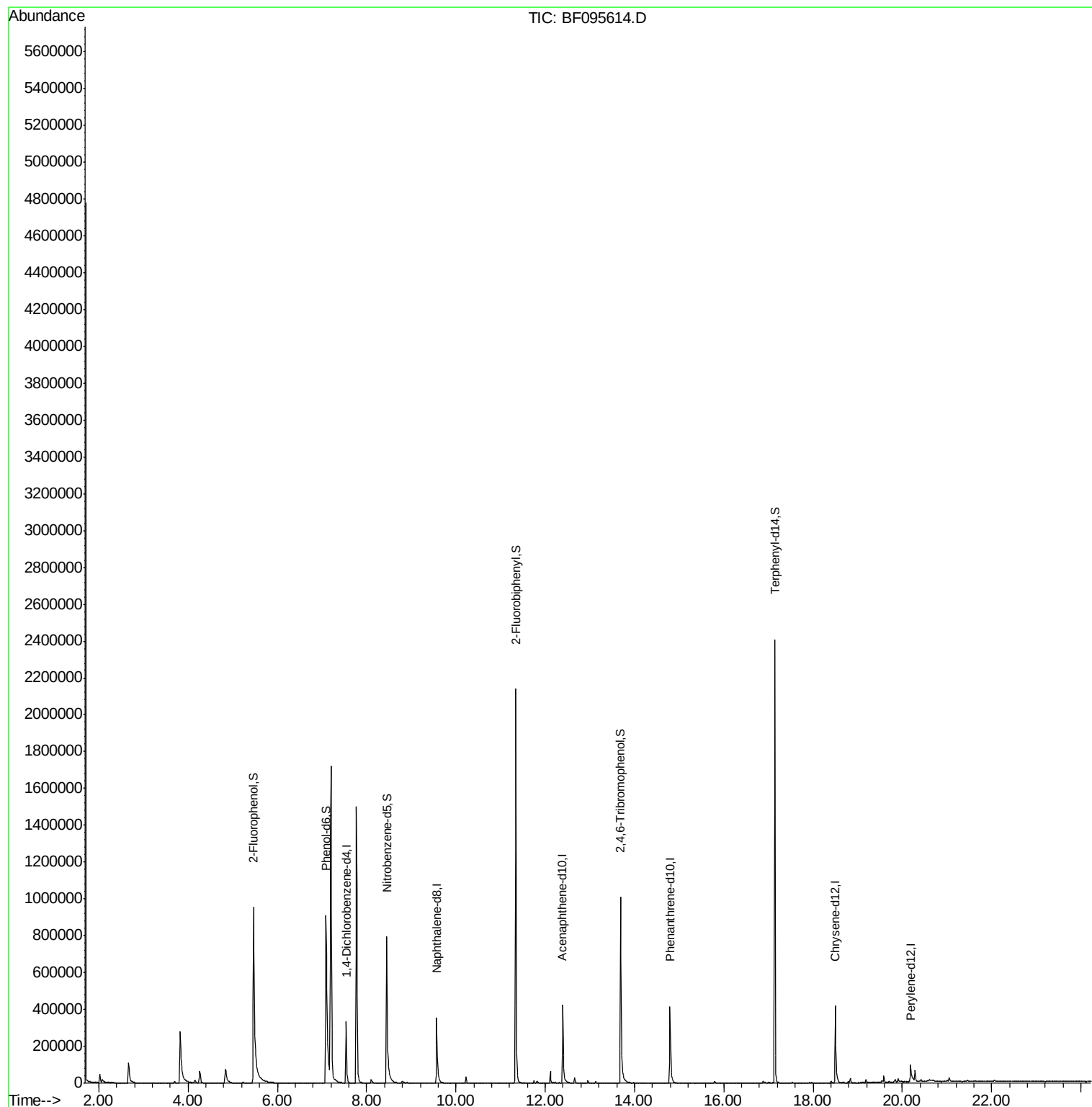
Target Compounds	Qvalue
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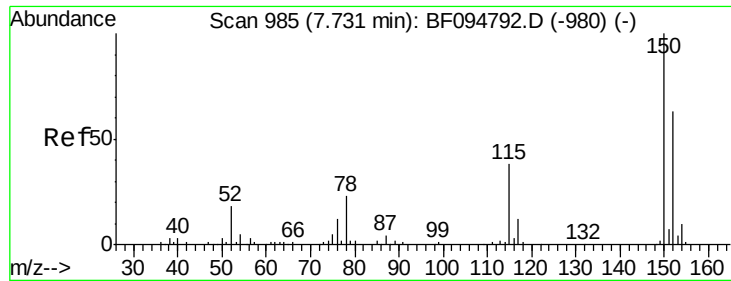
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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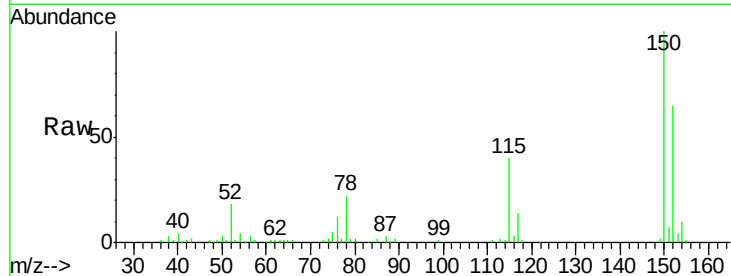


#1

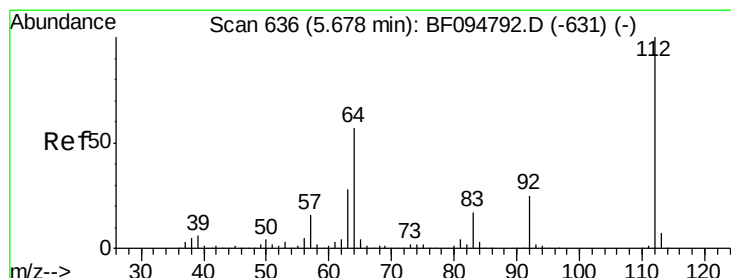
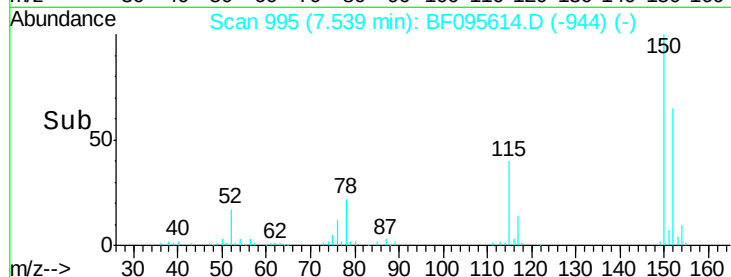
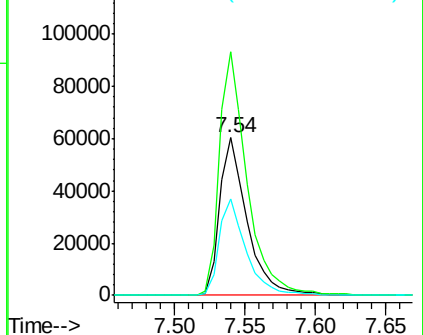
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Instrument :
BNA_F
ClientSampleId :
WC-NP-ESB-25-26-27

Tgt Ion:152 Resp: 81784
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 61.3 52.2 78.2



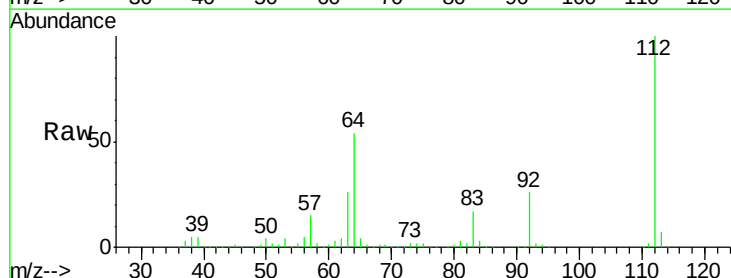
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



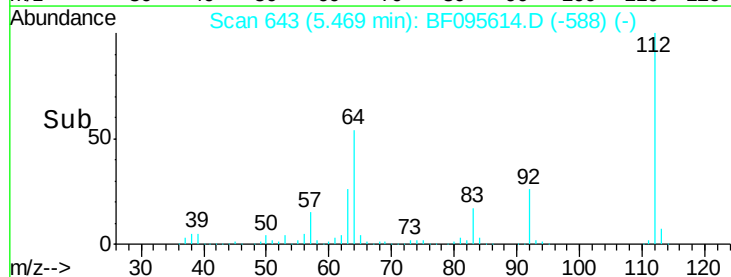
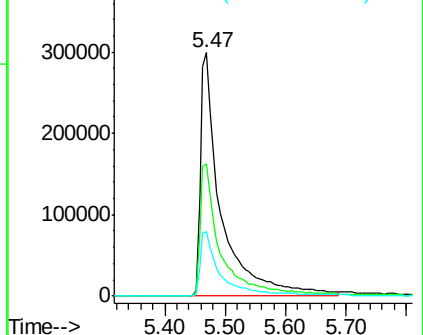
#5

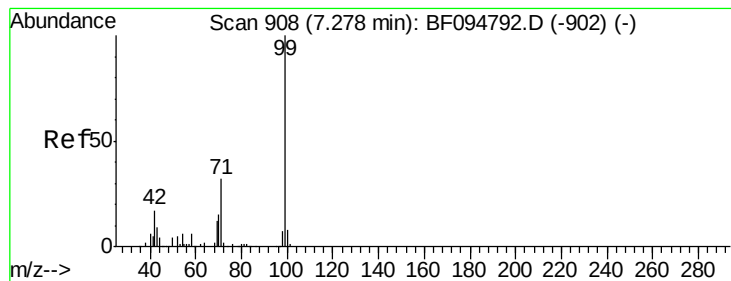
2-Fluorophenol
Concen: 145.834 ng
RT: 5.47 min Scan# 643
Delta R.T. 0.02 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Tgt Ion:112 Resp: 715379
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 26.3 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: 135.655 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-25-26-27

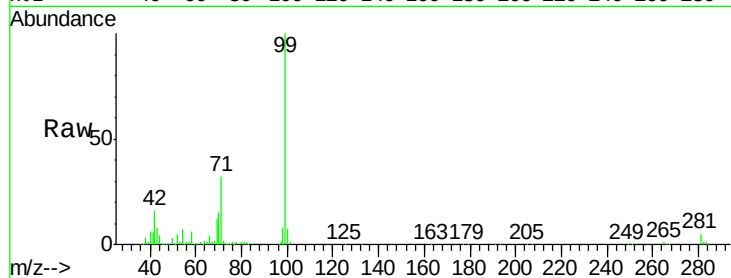
Tgt Ion: 99 Resp: 798435

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

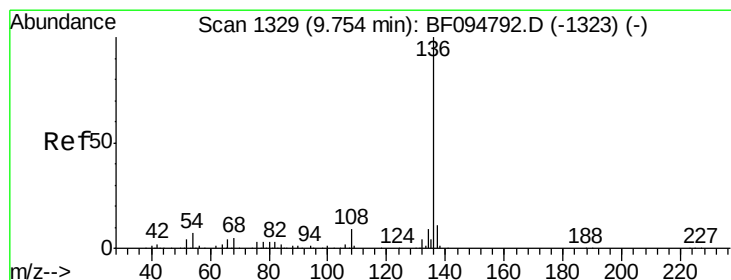
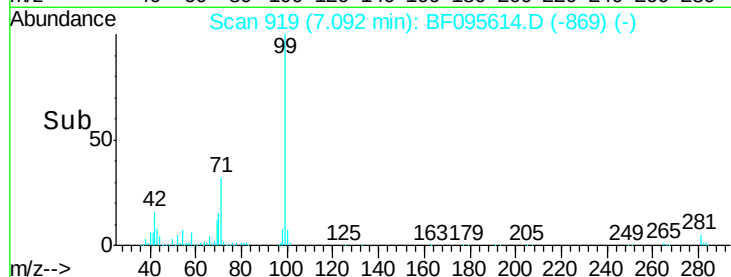
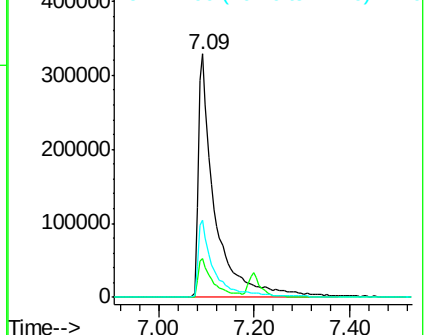
71 31.8 24.5 36.7



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: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Tgt Ion: 136 Resp: 325624

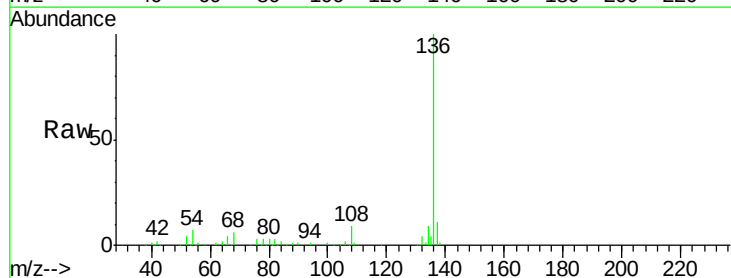
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.1 4.9 7.3

68 5.8 4.1 6.1

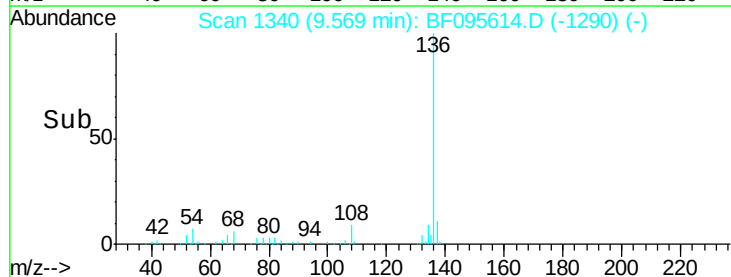
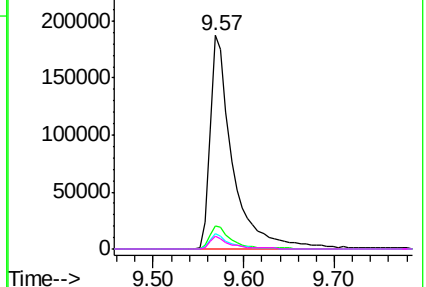


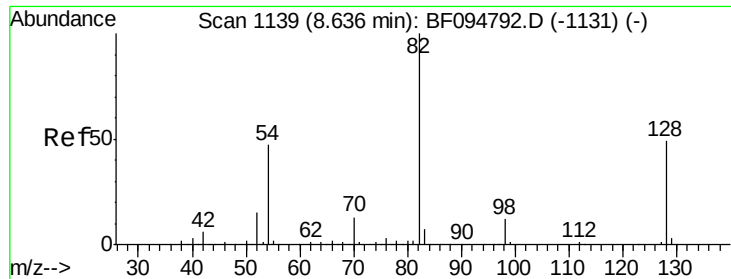
Abundance Ion 136.00 (135.70 to 136.70): E

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

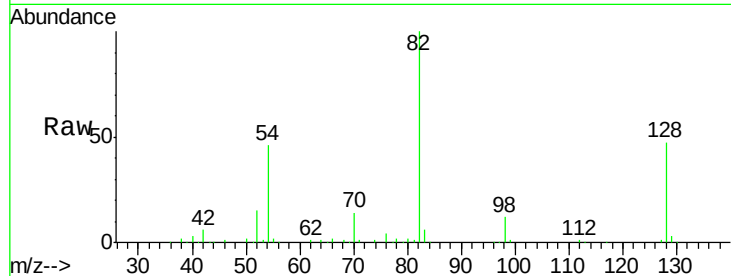




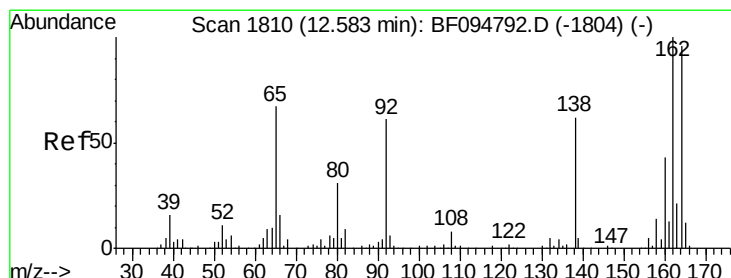
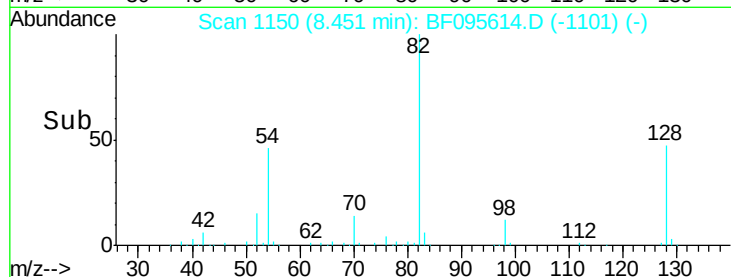
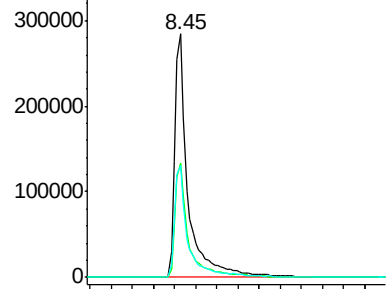
#23
 Nitrobenzene-d5
 Concen: 97.161 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-NP-ESB-25-26-27

Tgt Ion: 82 Resp: 501721
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 45.9 42.2 63.2

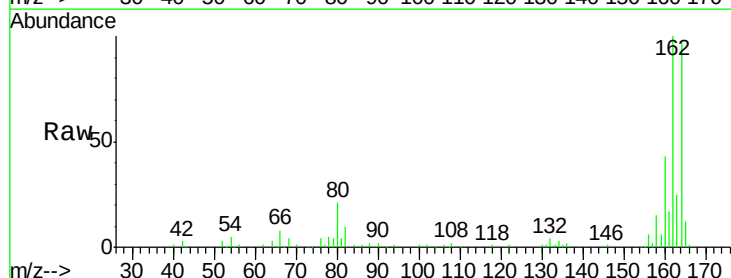


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

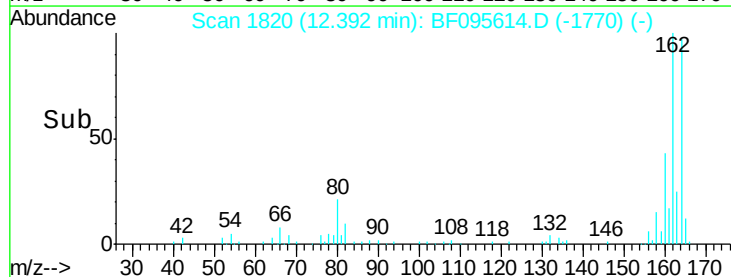
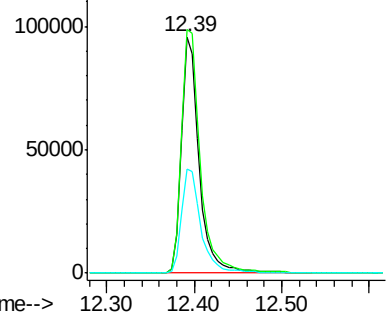


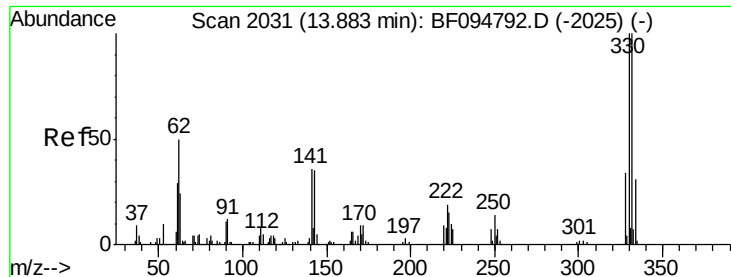
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Tgt Ion: 164 Resp: 135474
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 44.0 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

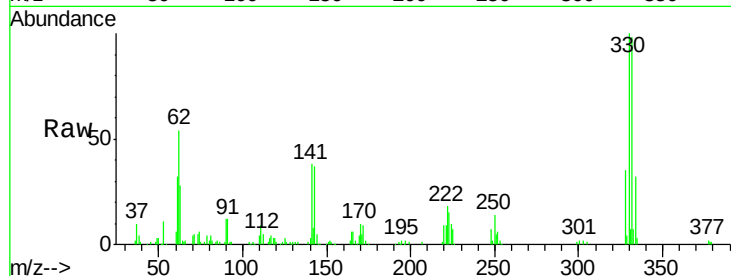




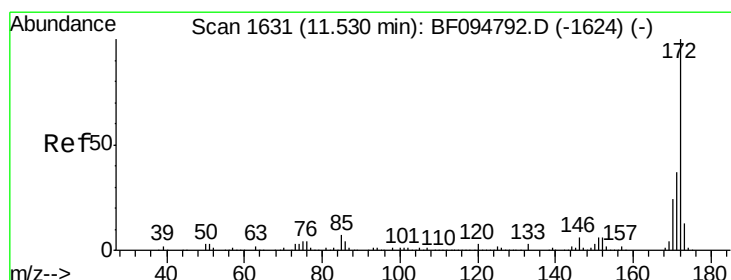
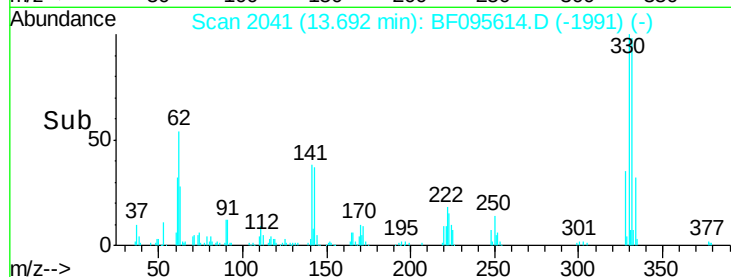
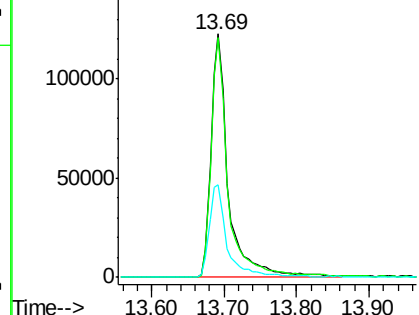
#41
 2,4,6-Tribromophenol
 Concen: 183.512 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-NP-ESB-25-26-27

Tgt Ion:330 Resp: 203605
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 115.0
 141 39.6 31.4 47.2

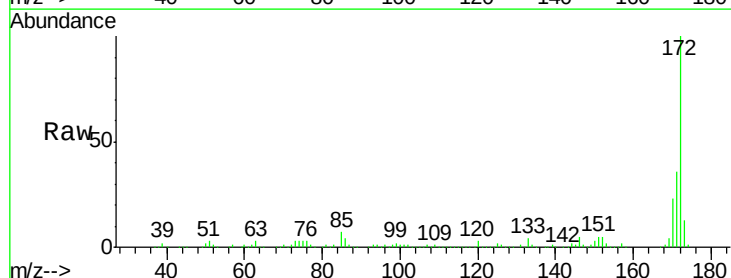


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

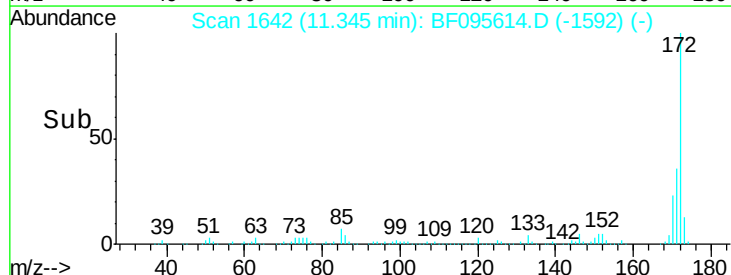
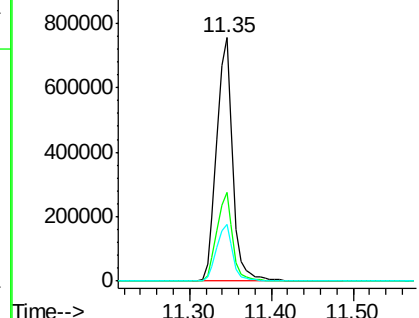


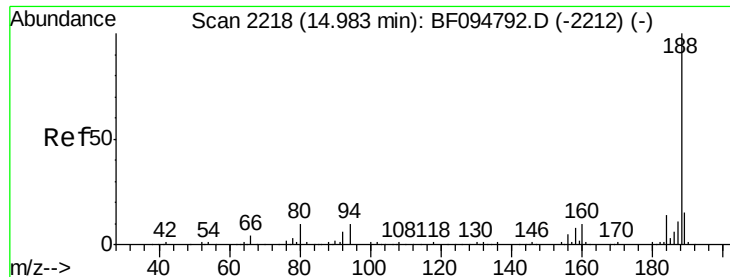
#44
 2-Fluorobiphenyl
 Concen: 111.201 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Tgt Ion:172 Resp: 1046647
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 20.000 ng

RT: 14.80 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-25-26-27

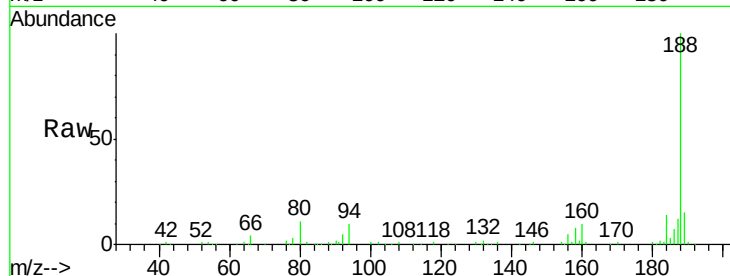
Tgt Ion:188 Resp: 282013

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

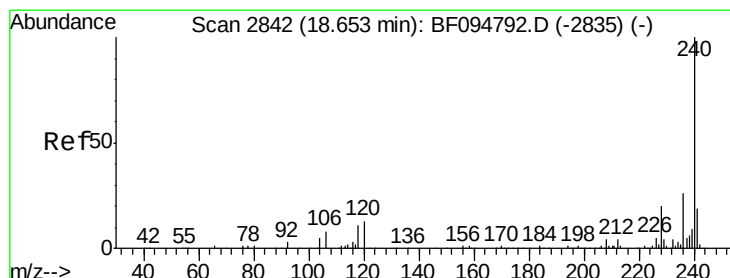
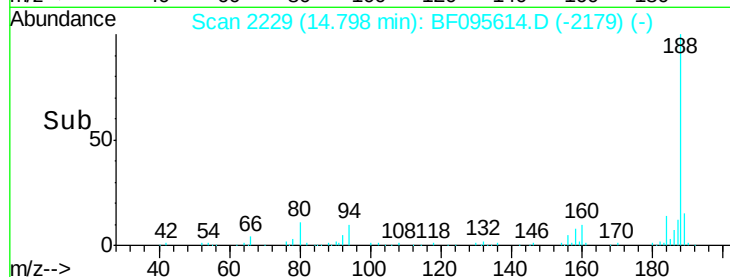
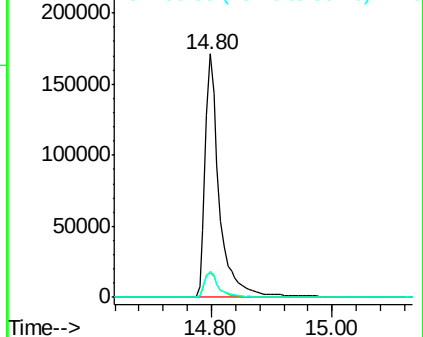
80 10.9 10.2 15.2



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: 20.000 ng

RT: 18.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

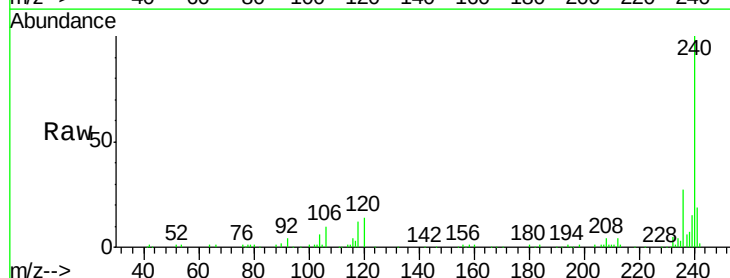
Tgt Ion:240 Resp: 232888

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

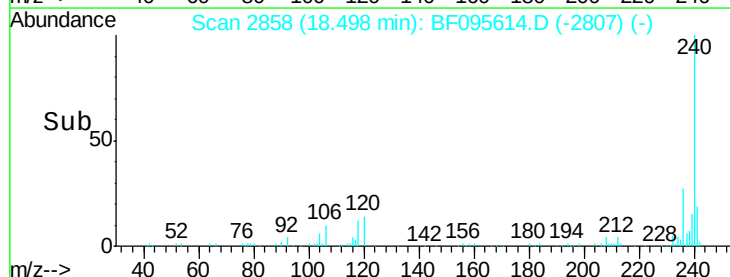
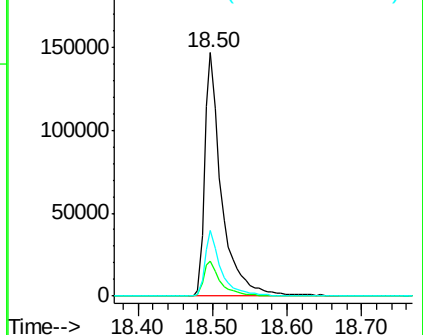
236 27.0 20.5 30.7

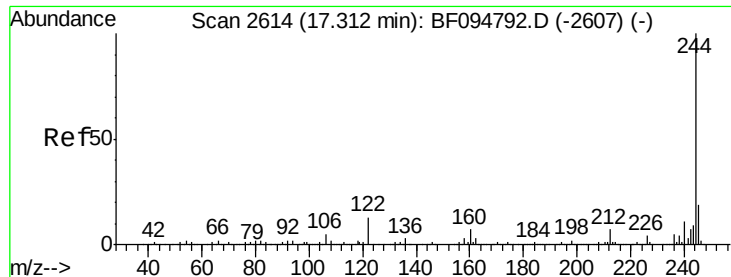


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

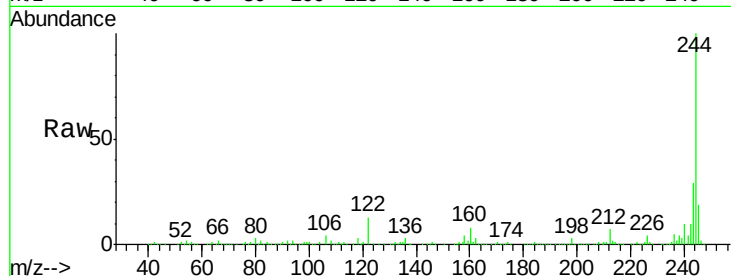




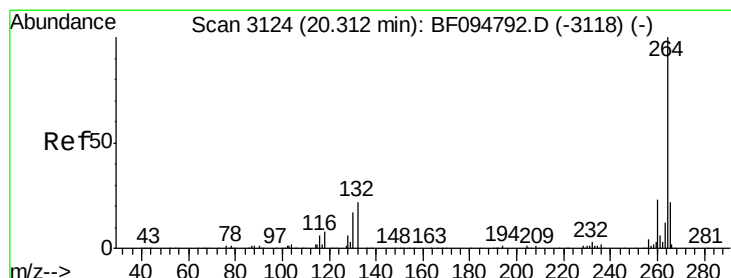
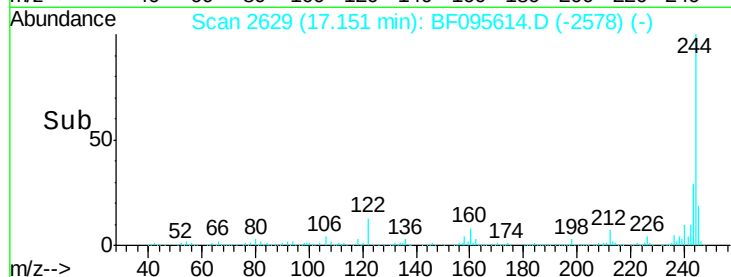
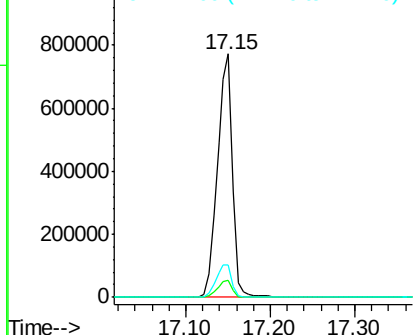
#78
 Terphenyl-d14
 Concen: 91.942 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Instrument :
 BNA_F
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 WC-NP-ESB-25-26-27

Tgt Ion: 244 Resp: 972151
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.1 10.3 15.5

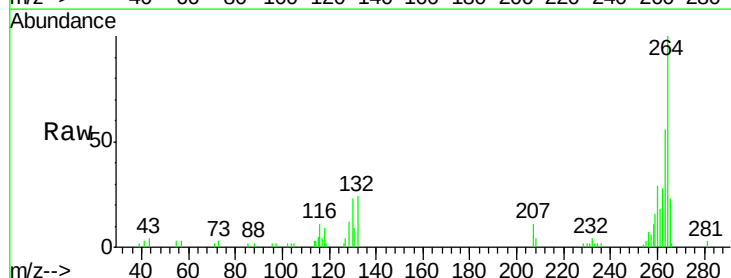


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.19 min Scan# 3145
 Delta R.T. 0.02 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Tgt Ion: 264 Resp: 36808
 Ion Ratio Lower Upper
 264 100
 260 29.2 19.5 29.3
 265 23.1 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

