

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093113.D
 Acq On : 23 Feb 2017 19:21
 Operator : SJ/MA
 Sample : I1956-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A2622

Quant Time: Feb 24 00:15:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152162	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	607328	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	297104	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	547001	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	494113	20.00	ng	-0.02
86) Perylene-d12	15.41	264	363553	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	535092	60.33	ng	-0.02
7) Phenol-d6	6.48	99	443923	38.90	ng	-0.01
23) Nitrobenzene-d5	7.41	82	935144	85.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	326278	151.84	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1659388	101.19	ng	-0.01
78) Terphenyl-d14	12.95	244	1342298	63.83	ng	-0.02

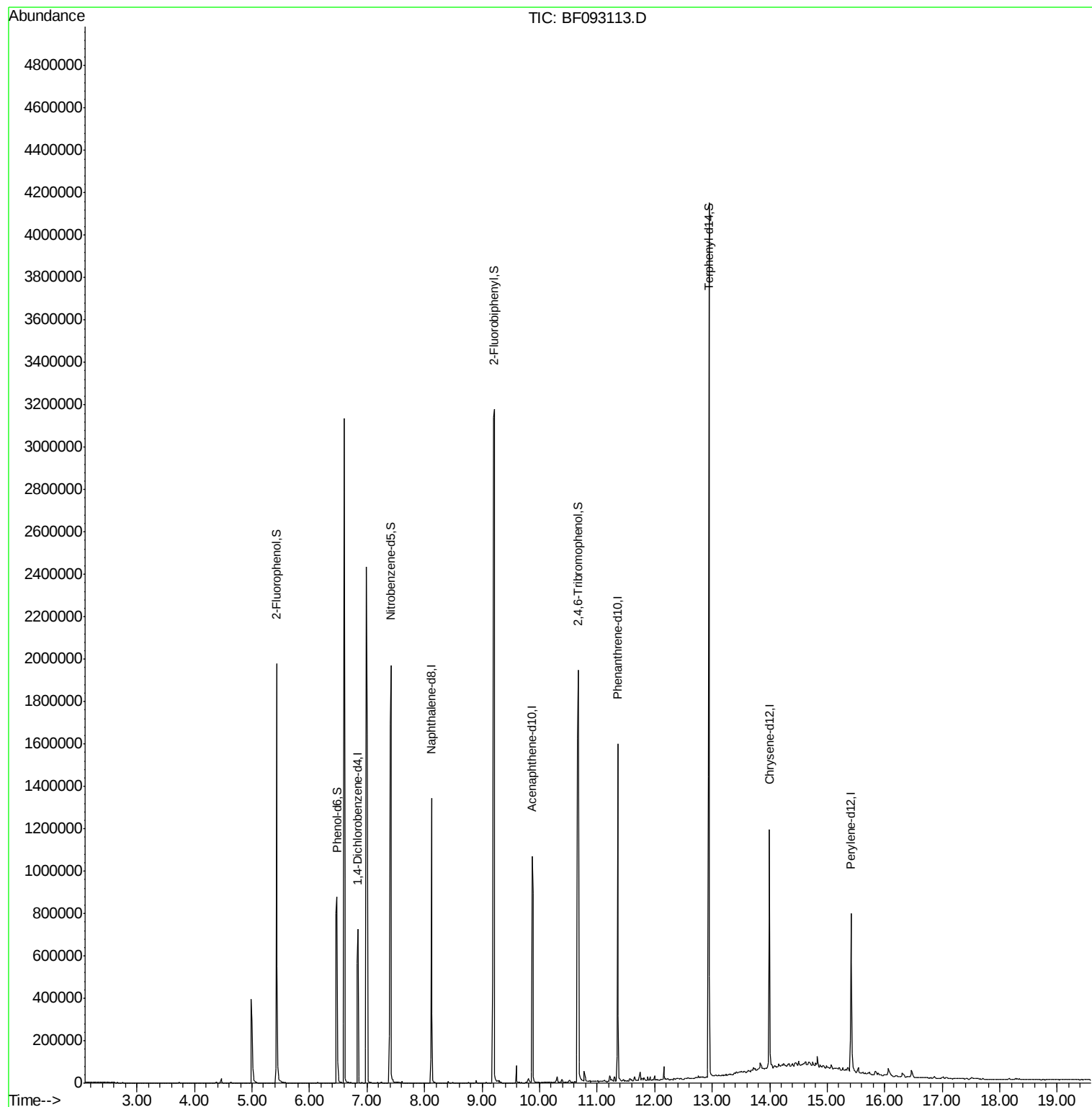
Target Compounds Qvalue

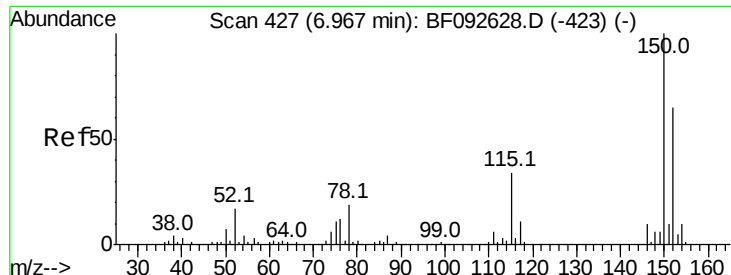
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093113.D

Acq: 23 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A2622

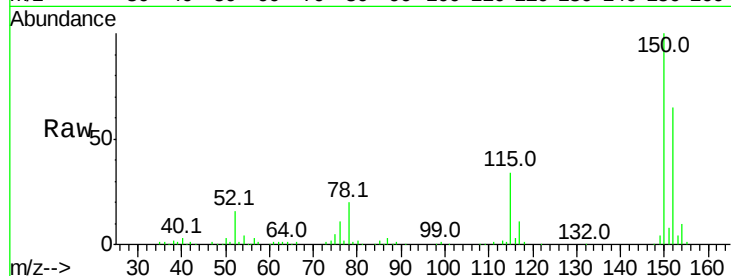
Tot Ion:152 Resp: 152162

Ion Ratio Lower Upper

152 100

150 153.3 124.9 187.3

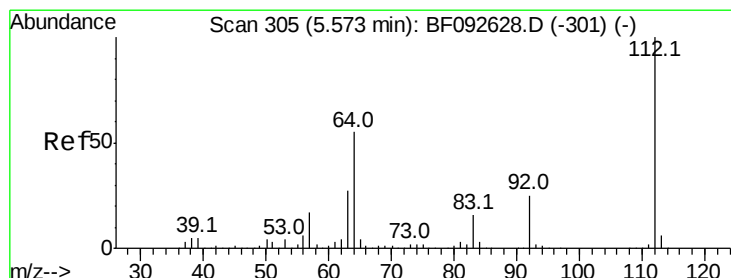
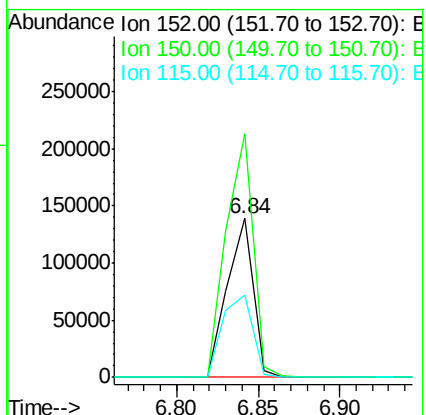
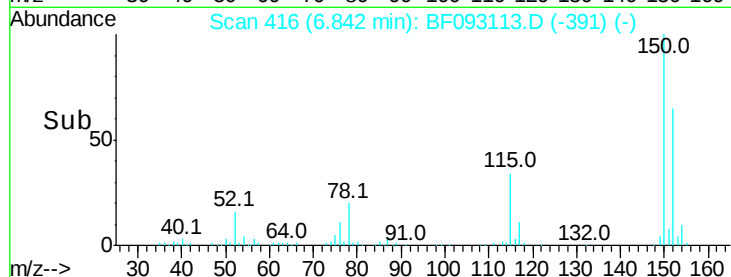
115 51.6 46.0 69.0



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: 60.33 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093113.D

Acq: 23 Feb 2017 19:21

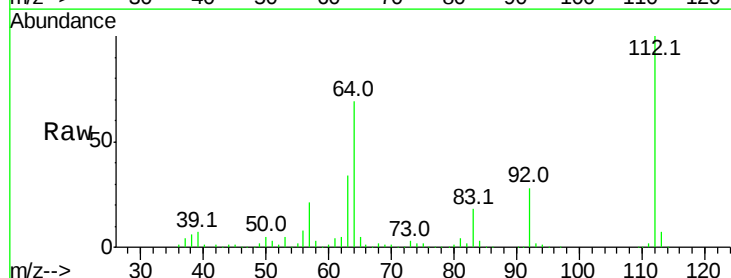
Tgt Ion:112 Resp: 535092

Ion Ratio Lower Upper

112 100

64 69.1 46.1 69.1

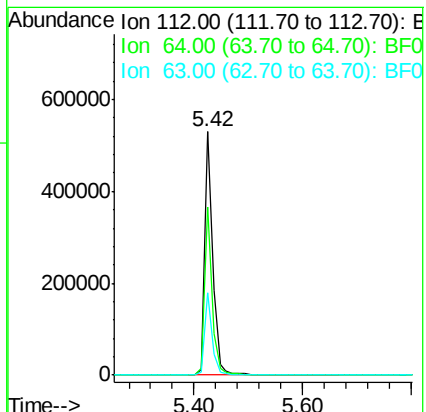
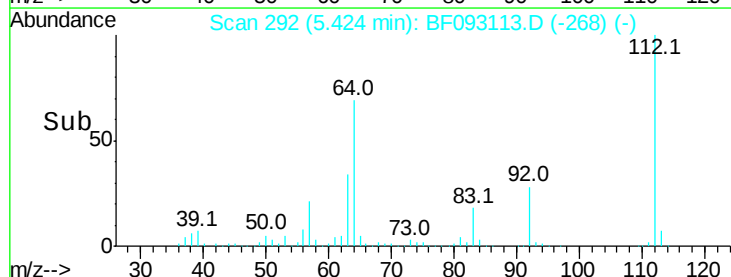
63 33.9 23.8 35.6

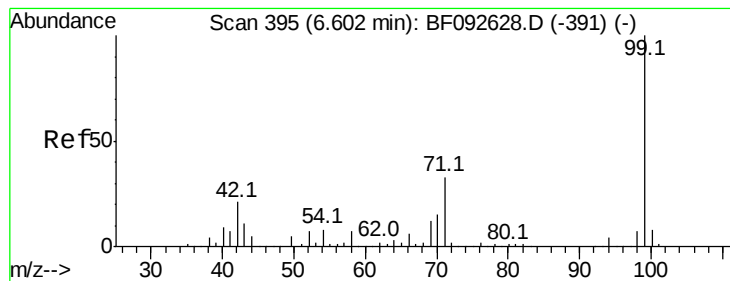


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.90 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093113.D

Acq: 23 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A2622

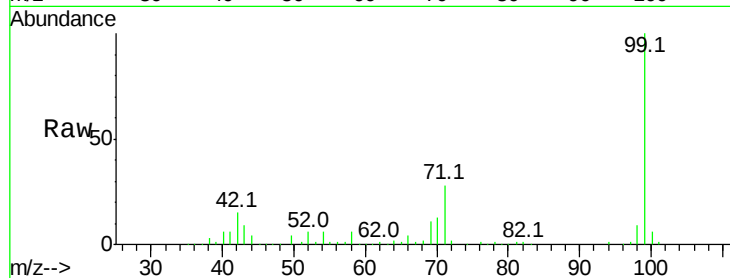
Tot Ion: 99 Resp: 443923

Ion Ratio Lower Upper

99 100

42 15.3 15.6 23.4#

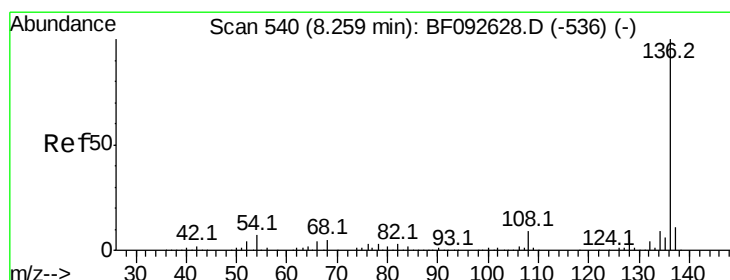
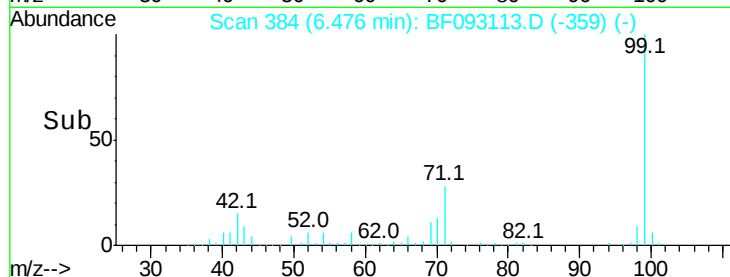
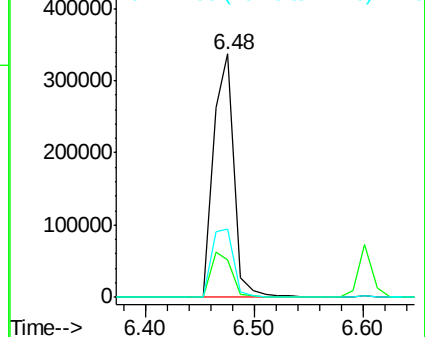
71 28.1 27.5 41.3



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: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093113.D

Acq: 23 Feb 2017 19:21

Tgt Ion: 136 Resp: 607328

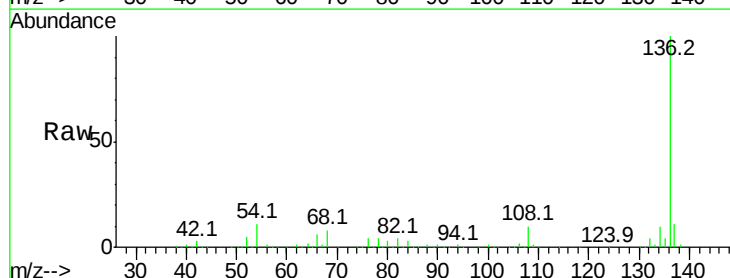
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 11.4 4.5 6.7#

68 7.8 3.6 5.4#

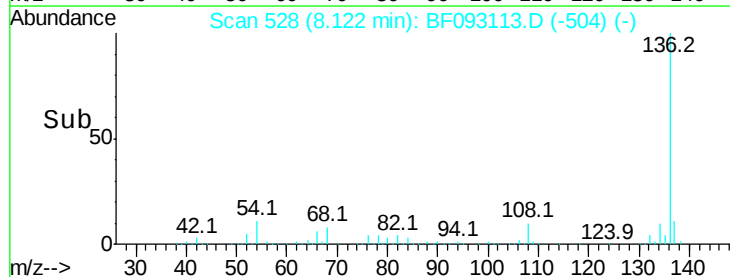
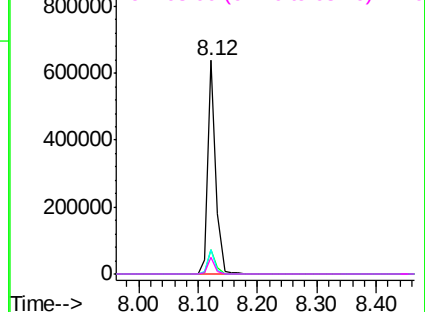


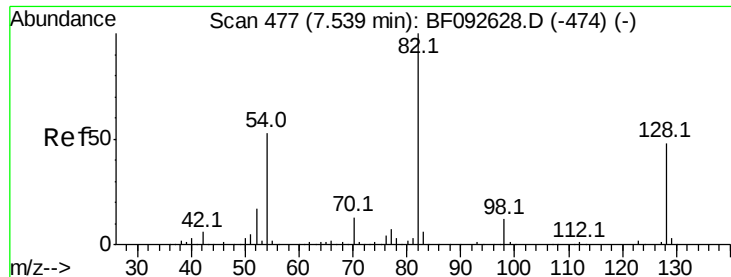
Abundance Ion 136.00 (135.70 to 136.70): E

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

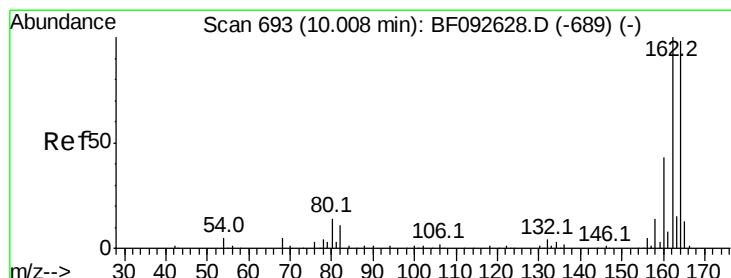
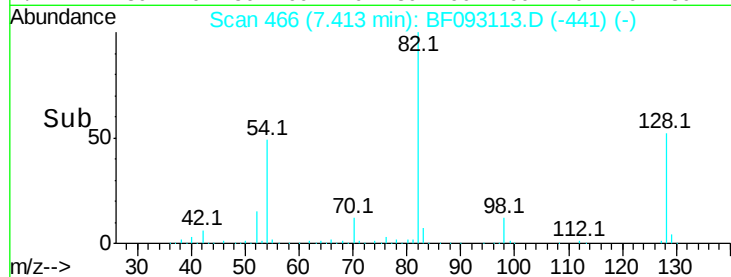
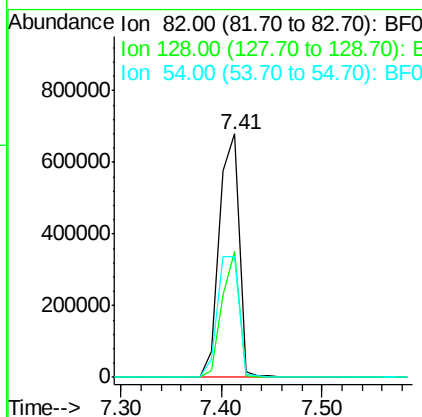
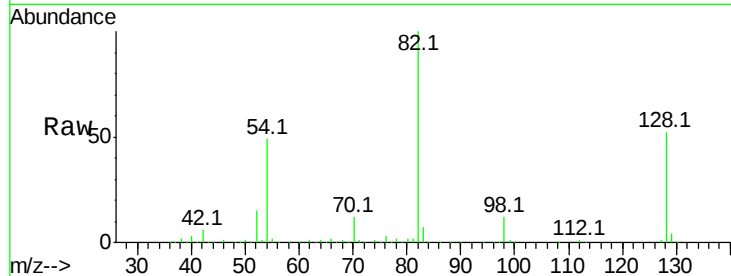




#23
 Nitrobenzene-d5
 Concen: 85.75 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093113.D
 Acq: 23 Feb 2017 19:21

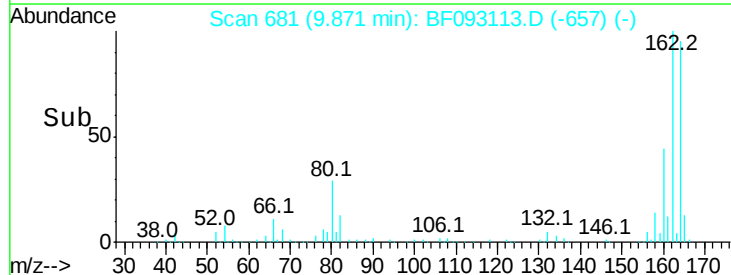
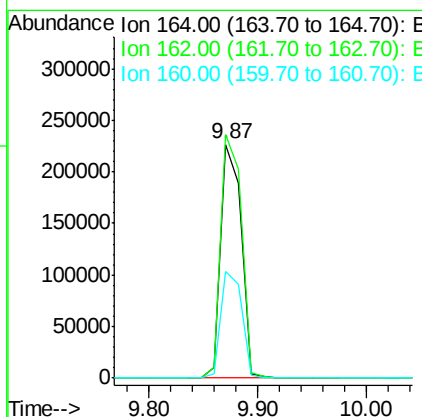
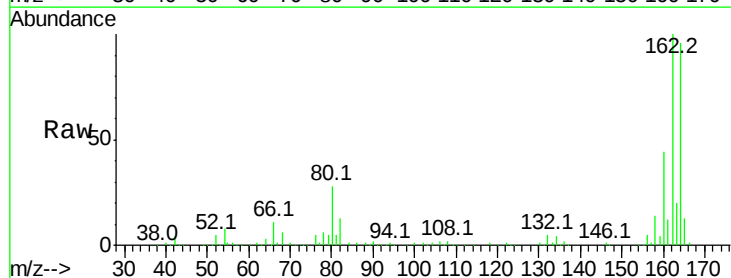
Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A2622

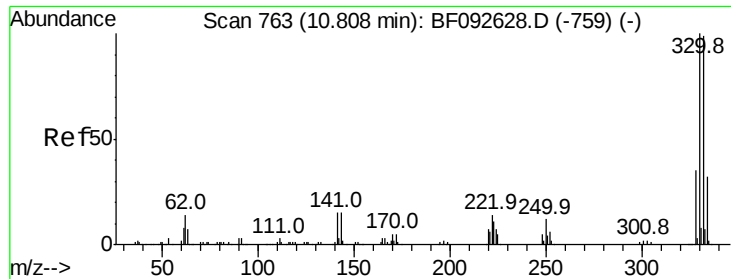
Tot Ion: 82 Resp: 935144
 Ion Ratio Lower Upper
 82 100
 128 51.6 34.6 52.0
 54 49.4 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093113.D
 Acq: 23 Feb 2017 19:21

Tgt Ion:164 Resp: 297104
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.2 120.2
 160 45.8 36.9 55.3

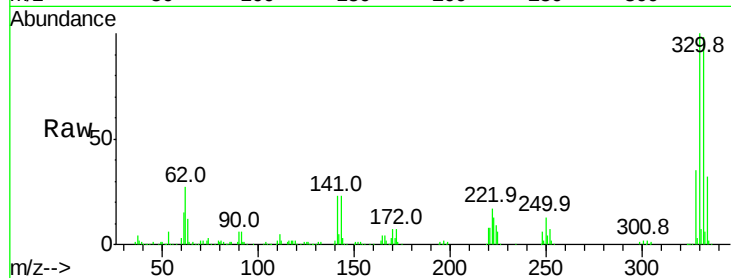




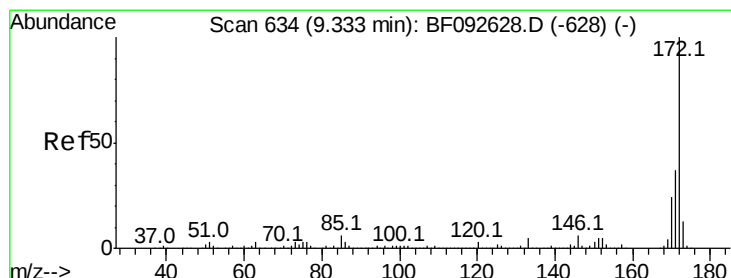
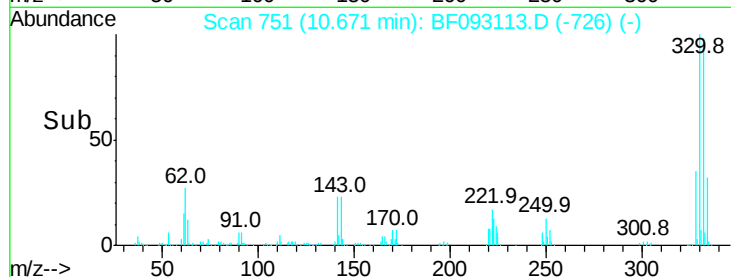
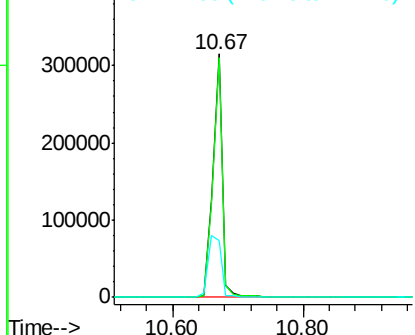
#41
 2,4,6-Tribromophenol
 Concen: 151.84 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093113.D
 Acq: 23 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A2622

Tot Ion:330 Resp: 326278
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 35.2 34.1 51.1

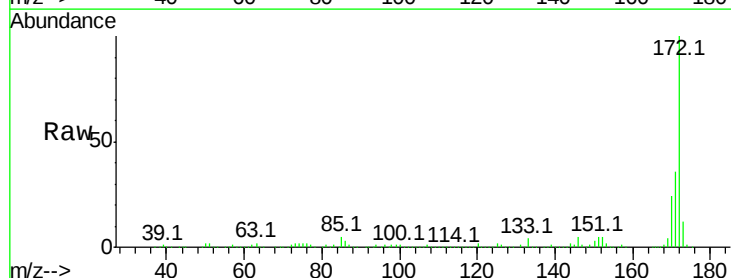


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

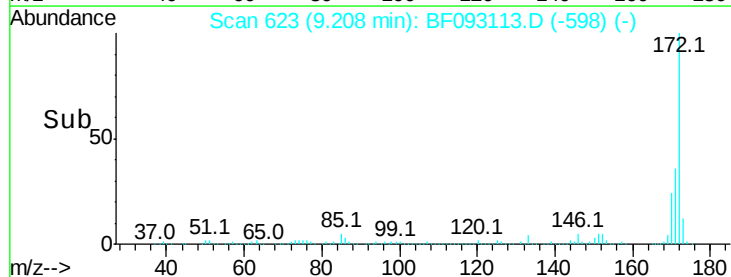
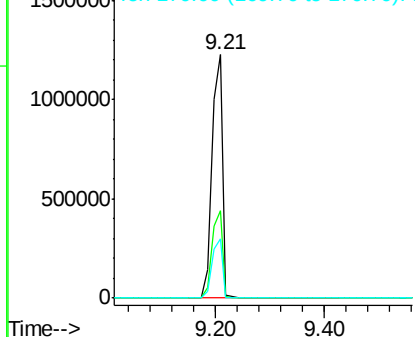


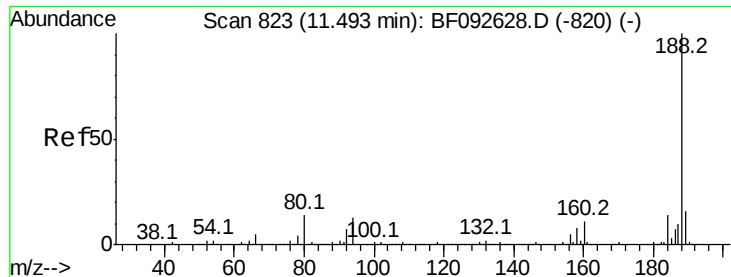
#44
 2-Fluorobiphenyl
 Concen: 101.19 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093113.D
 Acq: 23 Feb 2017 19:21

Tgt Ion:172 Resp: 1659388
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.1 20.2 30.4



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

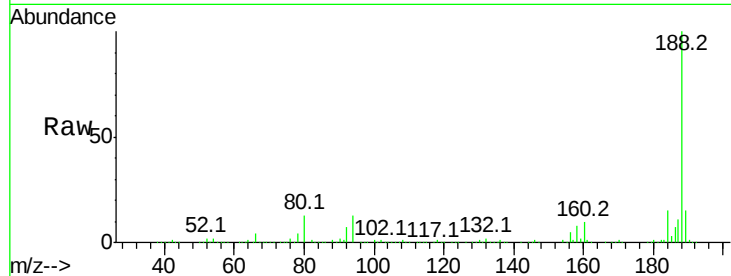




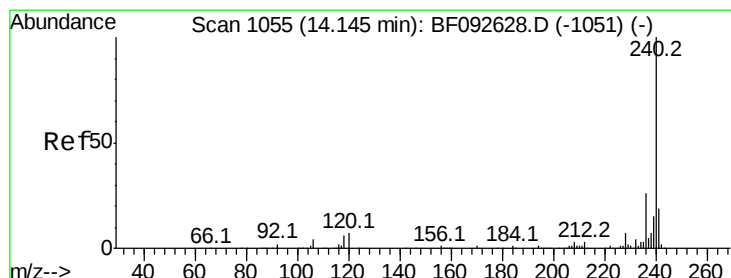
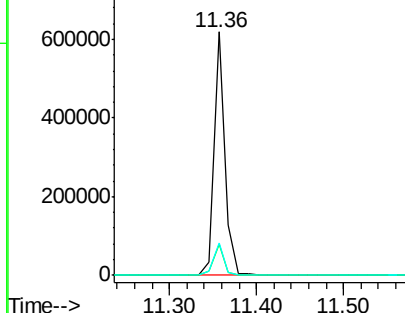
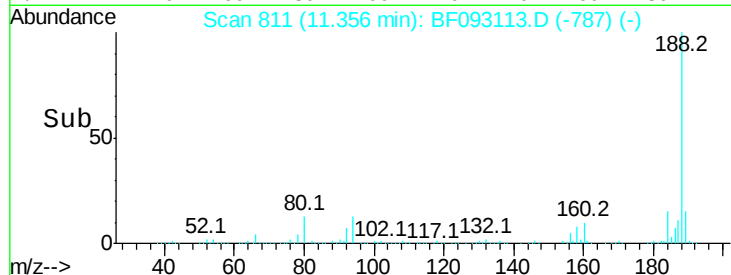
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093113.D
Acq: 23 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A2622

Tot Ion:188 Resp: 547001
Ion Ratio Lower Upper
188 100
94 12.8 10.0 15.0
80 13.2 11.2 16.8

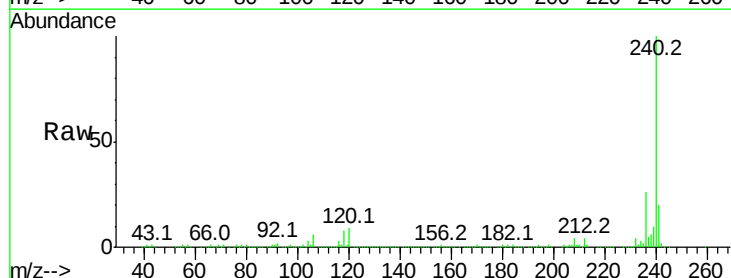


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

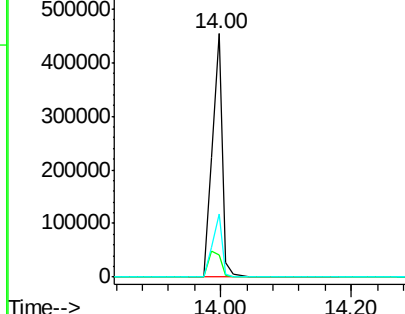
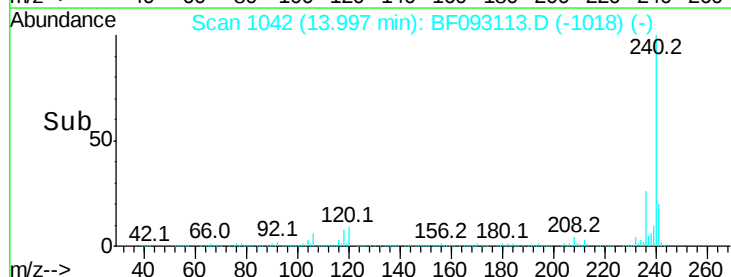


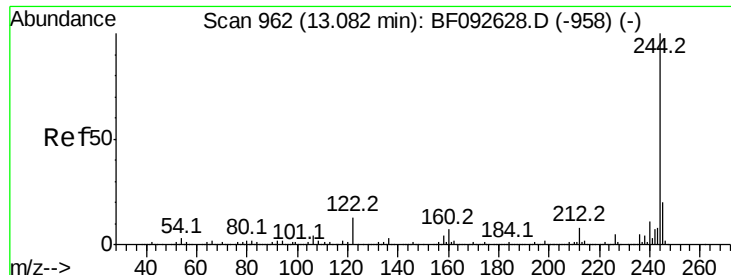
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093113.D
Acq: 23 Feb 2017 19:21

Tgt Ion:240 Resp: 494113
Ion Ratio Lower Upper
240 100
120 9.1 12.9 19.3#
236 25.8 20.9 31.3



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

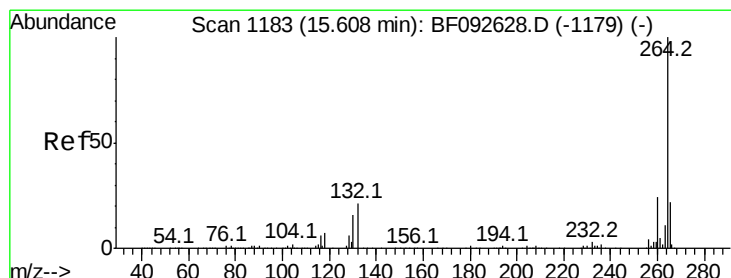
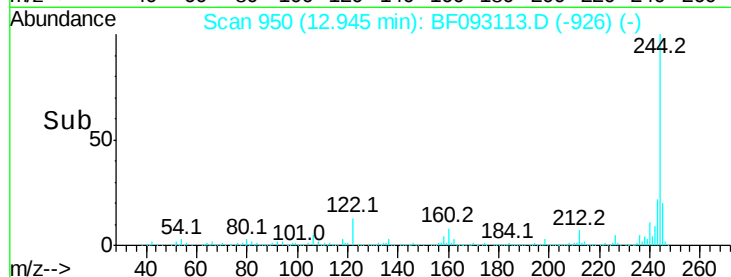
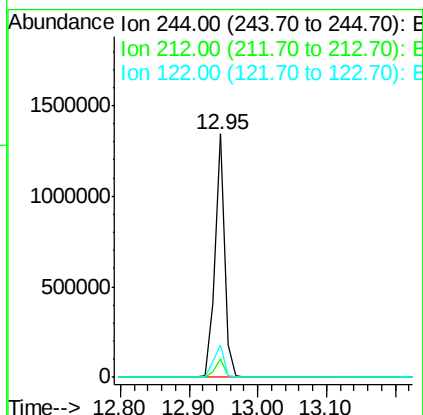
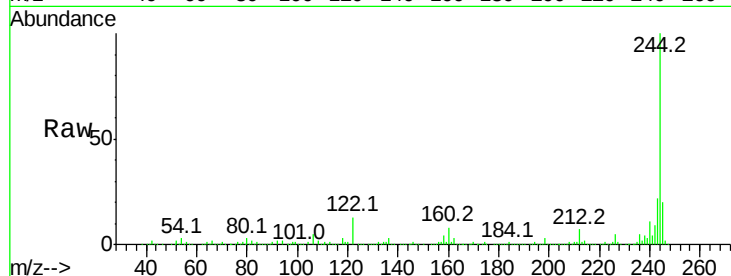




#78
 Terphenyl-d14
 Concen: 63.83 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093113.D
 Acq: 23 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A2622

Tot Ion:244 Resp: 1342298
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 13.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093113.D
 Acq: 23 Feb 2017 19:21

Tgt Ion:264 Resp: 363553
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.1 17.4 26.0

