

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093712.D
 Acq On : 16 Mar 2017 18:02
 Operator : SJ/MA
 Sample : I2244-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Quant Time: Mar 17 03:27:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	180711	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	720016	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	266889	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	624317	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	383777	20.00	ng	-0.03
86) Perylene-d12	15.26	264	28912	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1320967	121.66	ng	-0.01
7) Phenol-d6	6.37	99	1493080	109.05	ng	-0.01
23) Nitrobenzene-d5	7.27	82	1076886	82.98	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	325600	187.25	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1616056	112.63	ng	-0.02
78) Terphenyl-d14	12.80	244	1430270	96.89	ng	-0.02

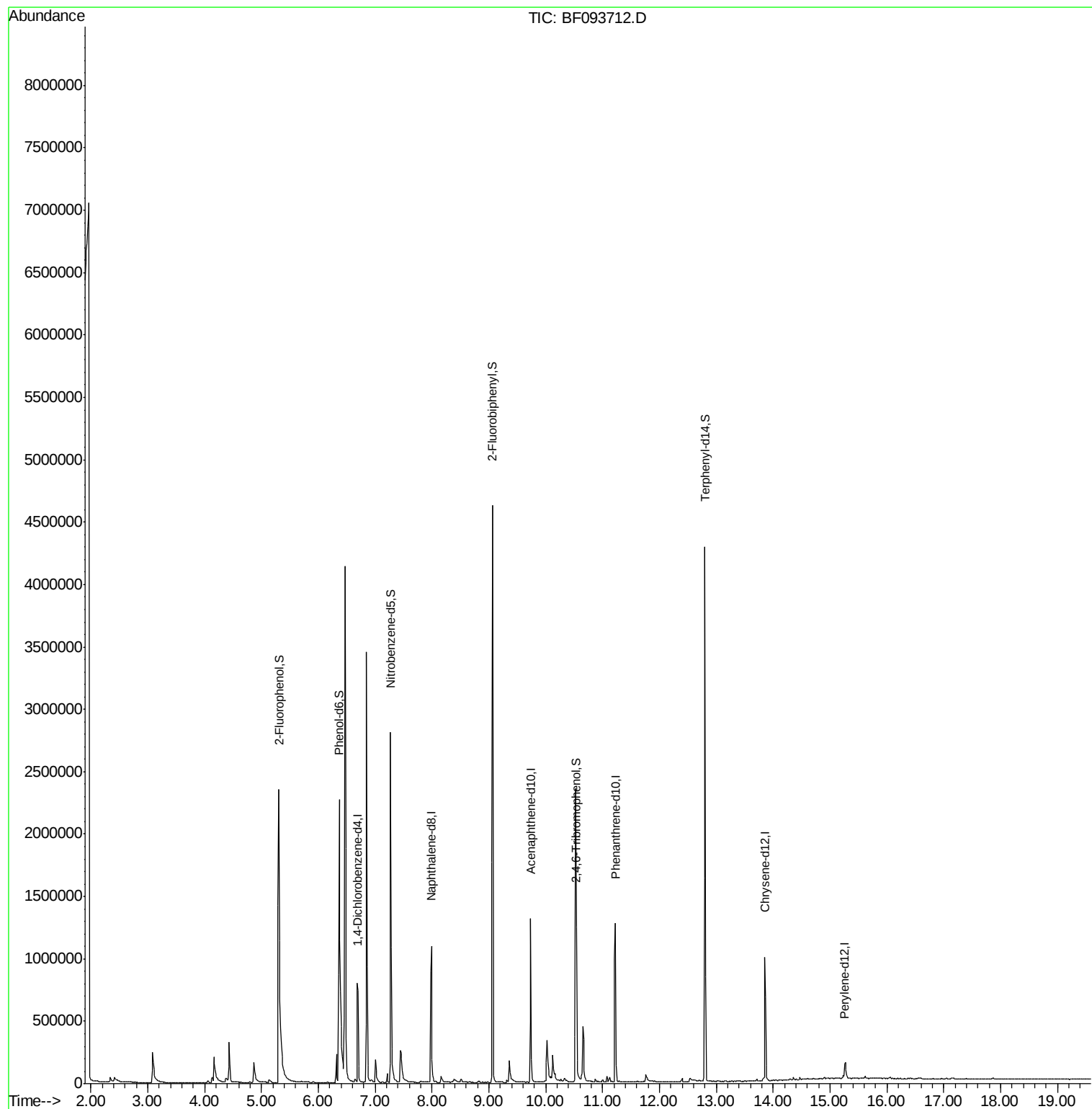
Target Compounds Qvalue

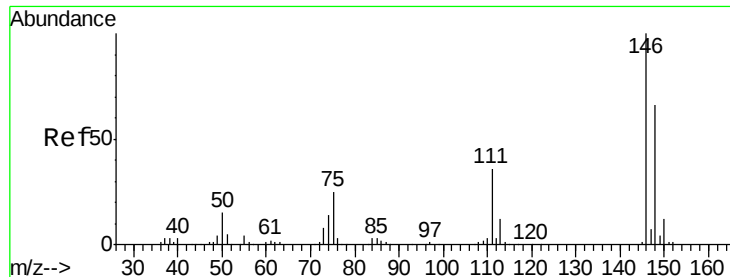
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF093712.D

Acq: 16 Mar 2017 18:02

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

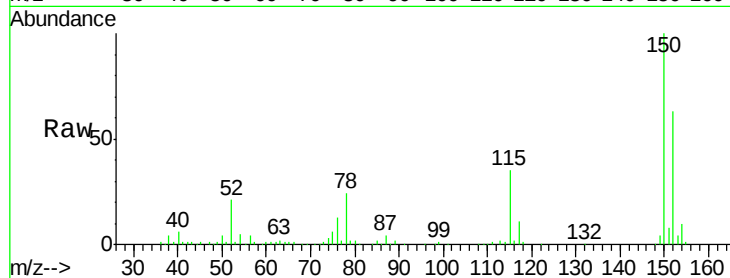
Tot Ion:152 Resp: 180711

Ion Ratio Lower Upper

152 100

150 158.9 124.9 187.3

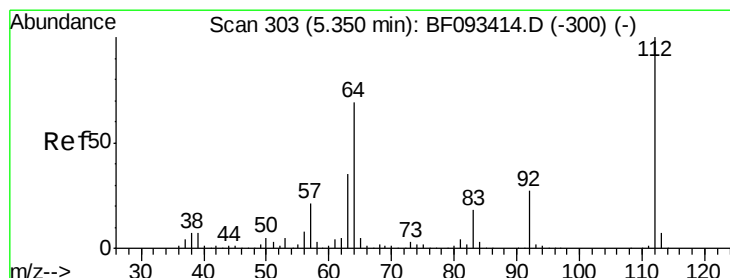
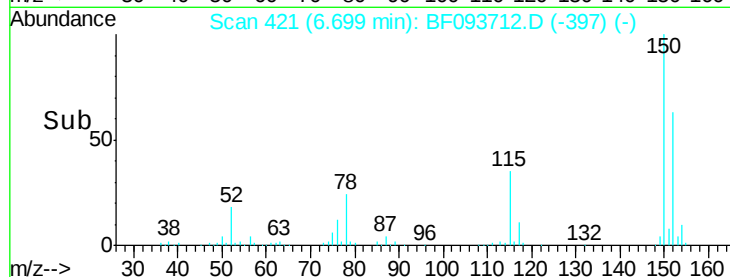
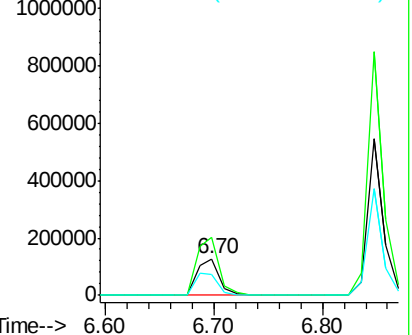
115 55.9 46.0 69.0



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: 121.66 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093712.D

Acq: 16 Mar 2017 18:02

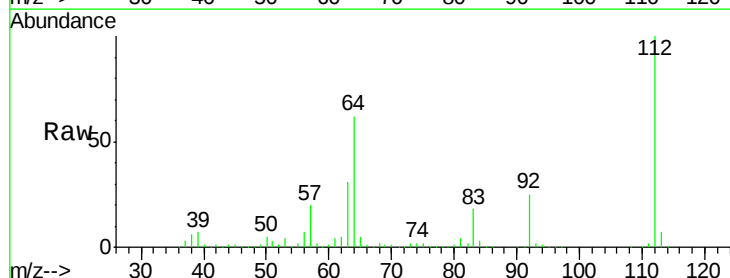
Tgt Ion:112 Resp: 1320967

Ion Ratio Lower Upper

112 100

64 62.2 46.1 69.1

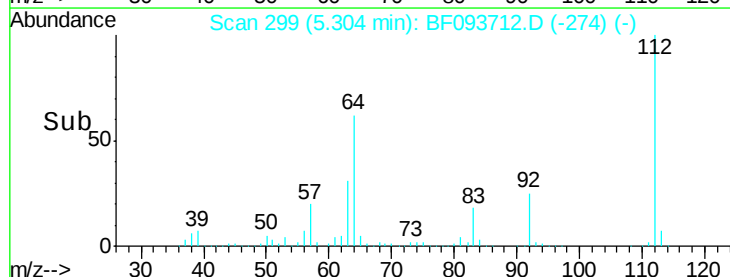
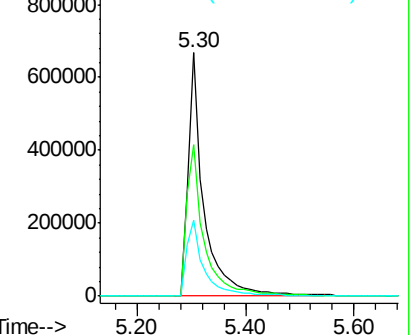
63 31.0 23.8 35.6

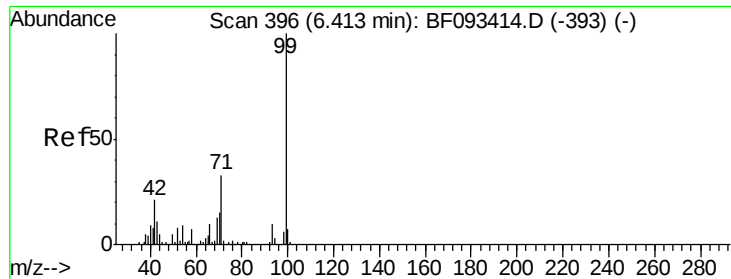


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.05 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093712.D

Acq: 16 Mar 2017 18:02

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

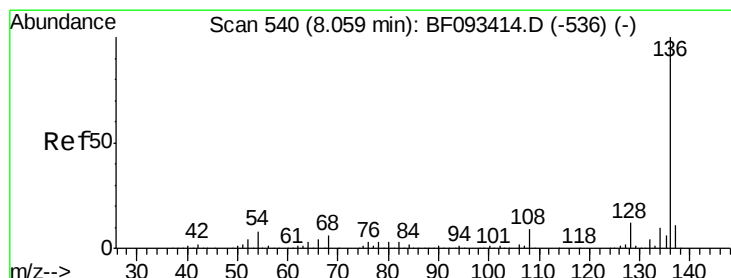
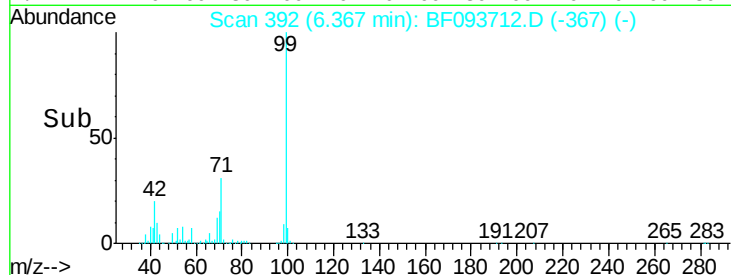
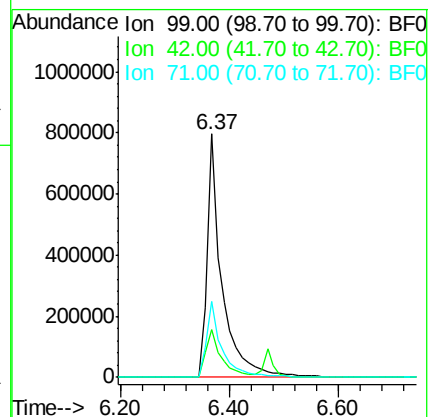
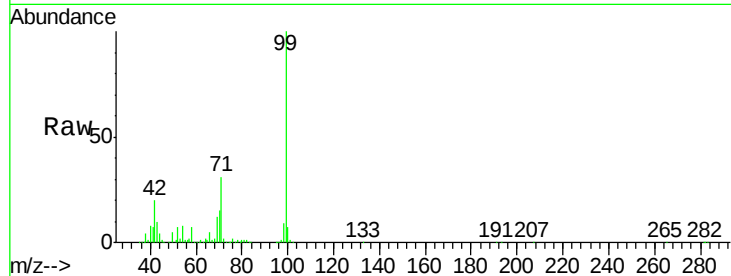
Tot Ion: 99 Resp: 1493080

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

71 31.4 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF093712.D

Acq: 16 Mar 2017 18:02

Tgt Ion: 136 Resp: 720016

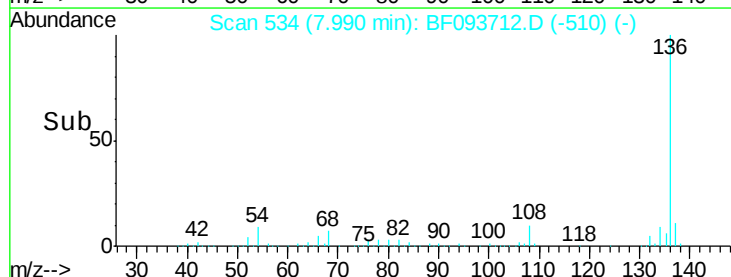
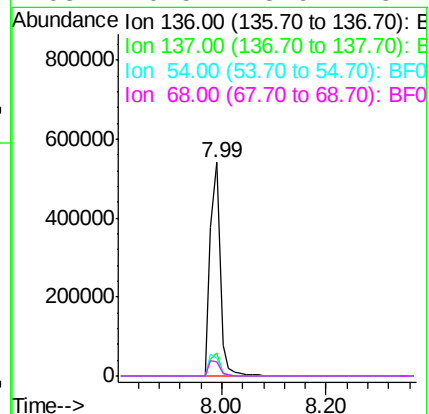
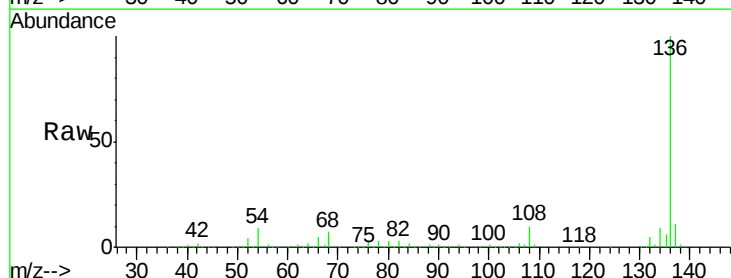
Ion Ratio Lower Upper

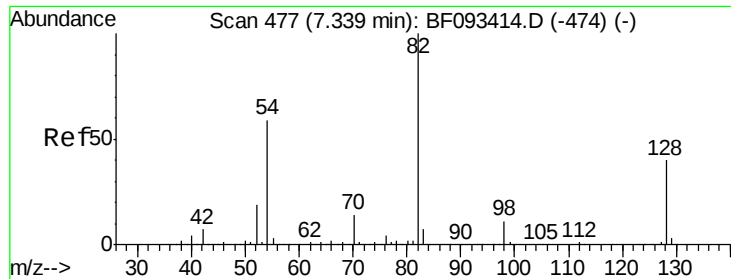
136 100

137 11.0 8.4 12.6

54 8.6 4.5 6.7#

68 6.5 3.6 5.4#

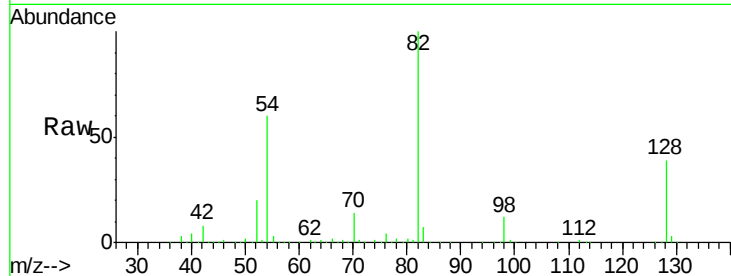




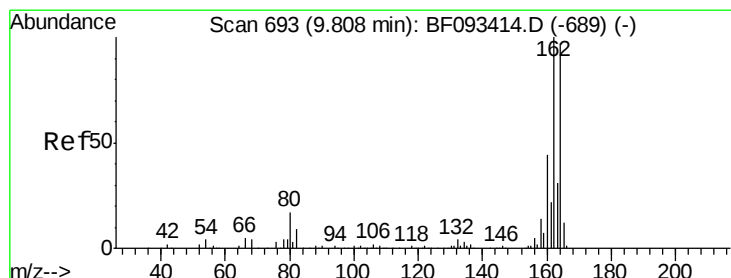
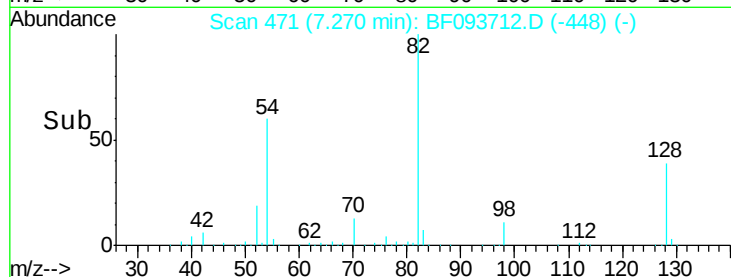
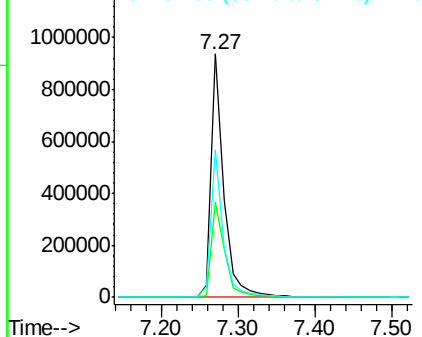
#23
 Nitrobenzene-d5
 Concen: 82.98 ng
 RT: 7.27 min Scan# 471
 Delta R.T. -0.03 min
 Lab File: BF093712.D
 Acq: 16 Mar 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tot Ion: 82 Resp: 1076886
 Ion Ratio Lower Upper
 82 100
 128 39.0 34.6 52.0
 54 60.4 39.5 59.3#

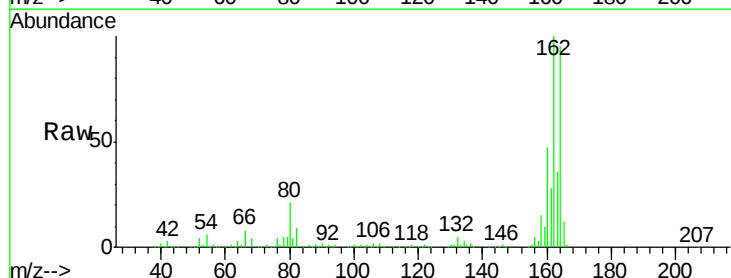


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

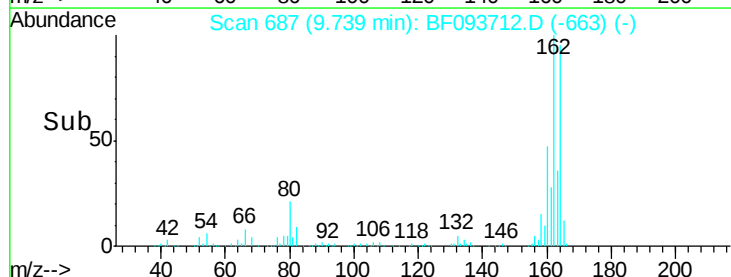
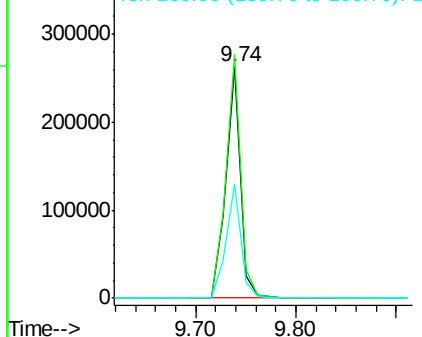


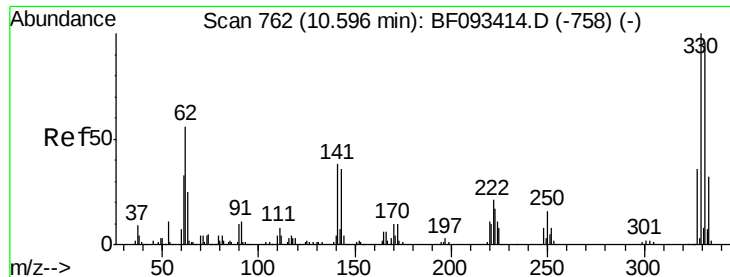
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093712.D
 Acq: 16 Mar 2017 18:02

Tgt Ion:164 Resp: 266889
 Ion Ratio Lower Upper
 164 100
 162 105.3 80.2 120.2
 160 49.5 36.9 55.3



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

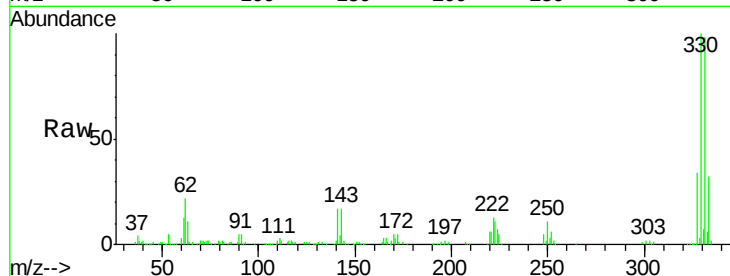




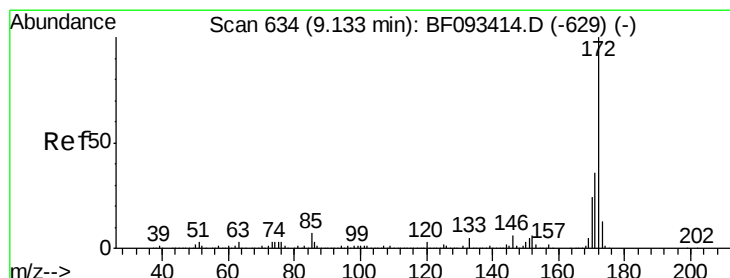
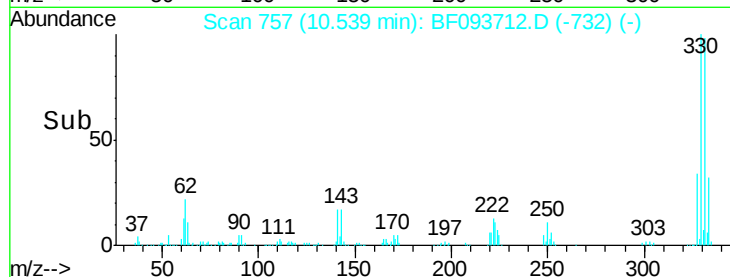
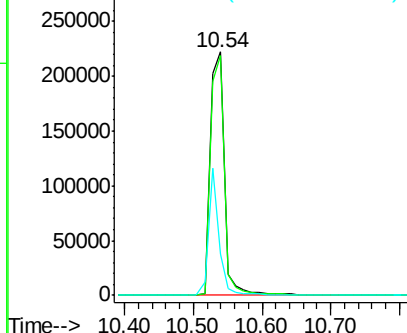
#41
 2,4,6-Tribromophenol
 Concen: 187.25 ng
 RT: 10.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF093712.D
 Acq: 16 Mar 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	38.4	34.1	51.1

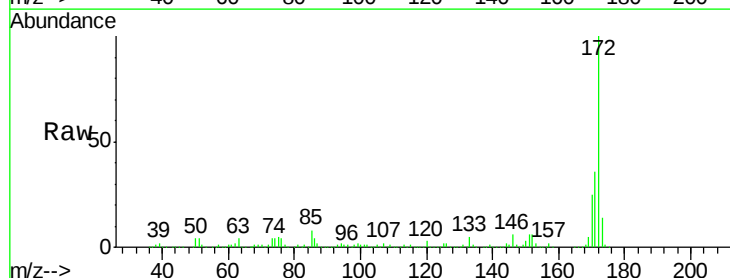


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

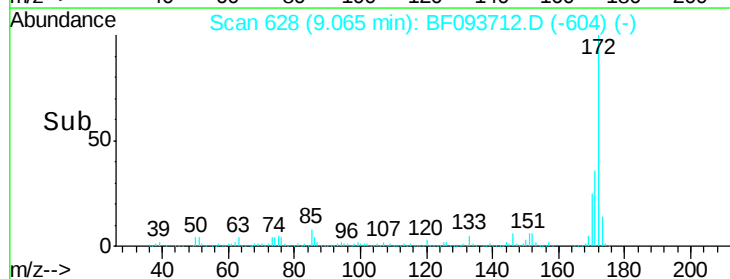
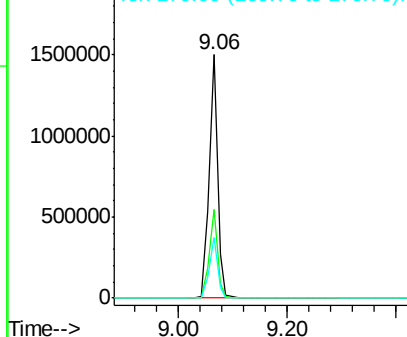


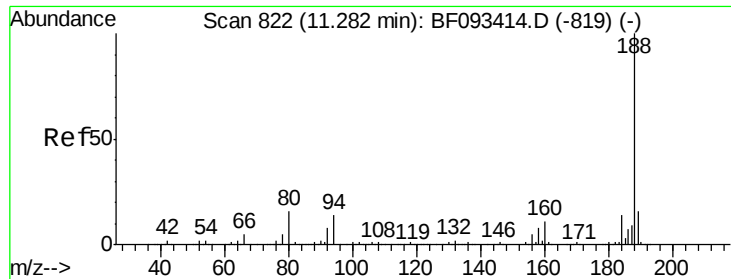
#44
 2-Fluorobiphenyl
 Concen: 112.63 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093712.D
 Acq: 16 Mar 2017 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.9	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: 11.22 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF093712.D

Acq: 16 Mar 2017 18:02

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

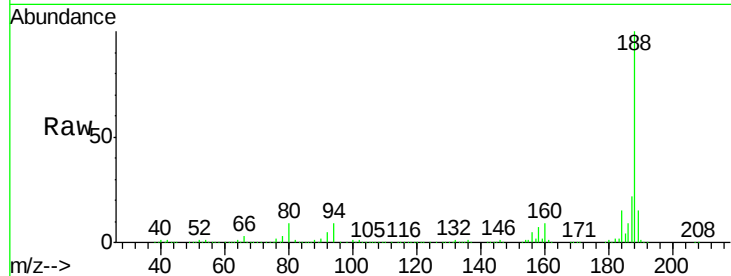
Tot Ion:188 Resp: 624317

Ion Ratio Lower Upper

188 100

94 8.8 10.0 15.0#

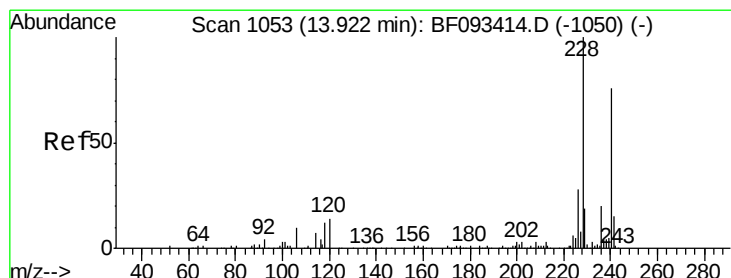
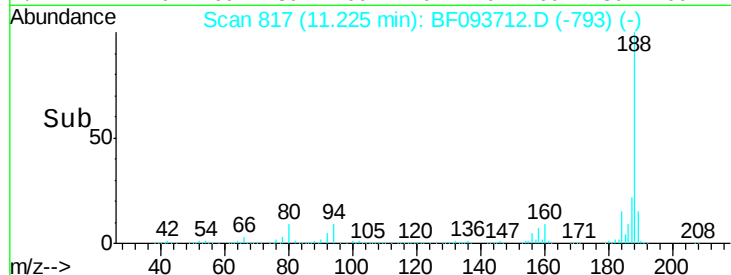
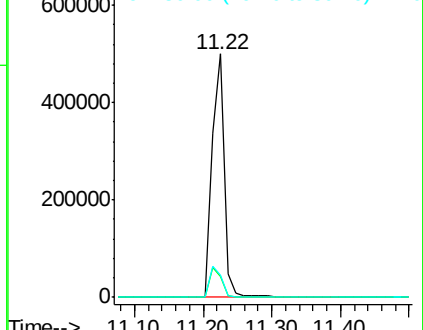
80 9.1 11.2 16.8#



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: 13.85 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF093712.D

Acq: 16 Mar 2017 18:02

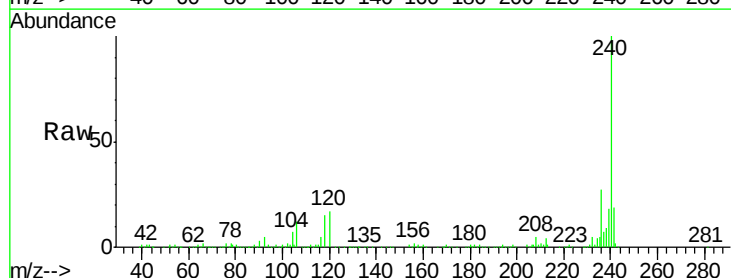
Tgt Ion:240 Resp: 383777

Ion Ratio Lower Upper

240 100

120 17.0 12.9 19.3

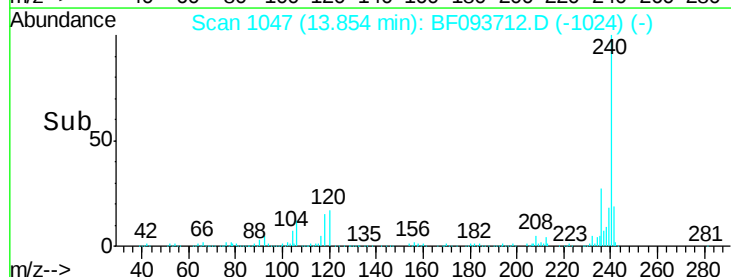
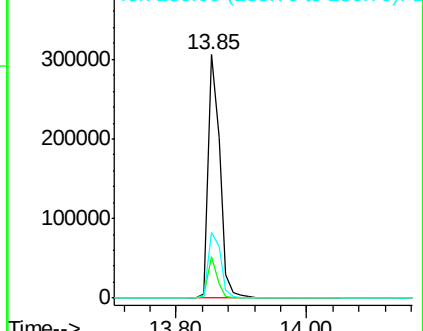
236 27.0 20.9 31.3

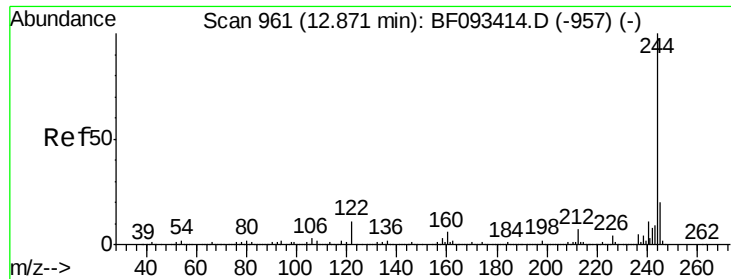


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

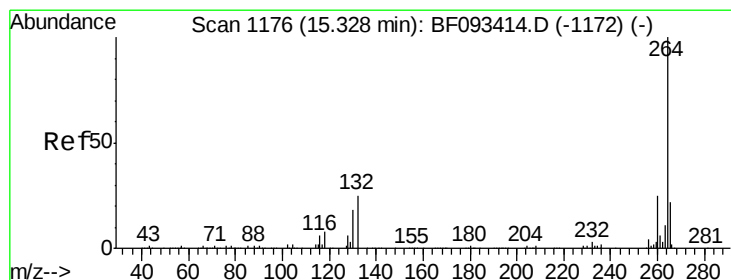
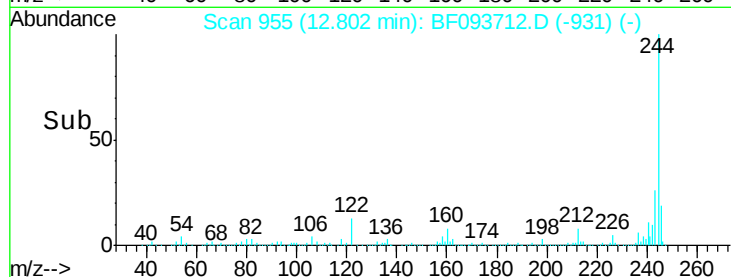
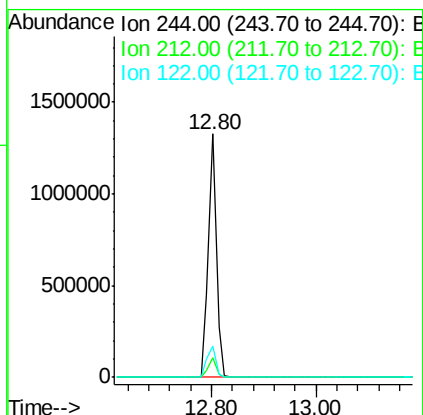
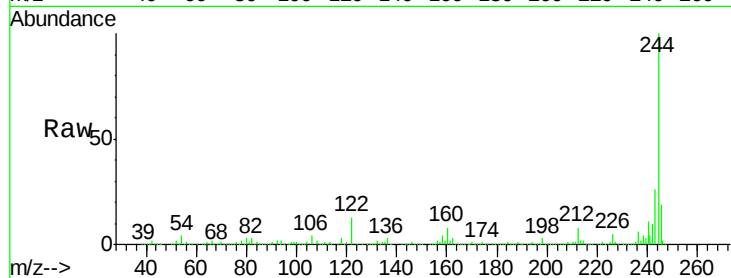




#78
 Terphenyl-d14
 Concen: 96.89 ng
 RT: 12.80 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF093712.D
 Acq: 16 Mar 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tot Ion:244 Resp: 1430270
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 12.7 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF093712.D
 Acq: 16 Mar 2017 18:02

Tgt Ion:264 Resp: 28912
 Ion Ratio Lower Upper
 264 100
 260 36.0 19.2 28.8#
 265 19.9 17.4 26.0

