

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094027.D
 Acq On : 29 Mar 2017 19:17
 Operator : SJ/MA
 Sample : I2440-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-50

Quant Time: Mar 30 03:54:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

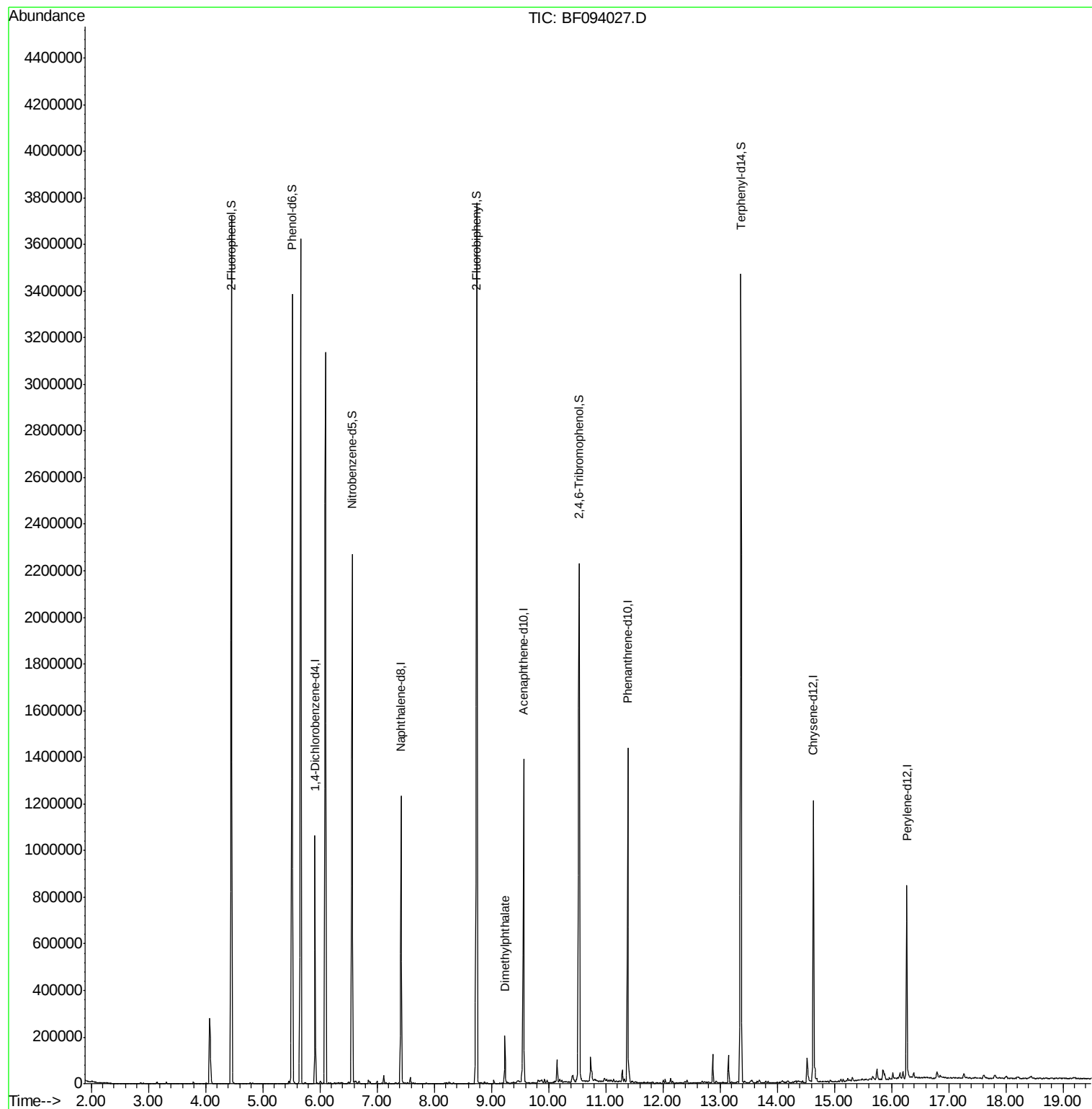
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	161283	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	677426	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	318685	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	562970	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	466550	20.00	ng	-0.05
86) Perylene-d12	16.27	264	333230	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1175414	123.09	ng	-0.02
7) Phenol-d6	5.52	99	1496945	126.72	ng	-0.03
23) Nitrobenzene-d5	6.57	82	936981	78.93	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	330171	131.11	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1584584	75.84	ng	-0.04
78) Terphenyl-d14	13.37	244	1332827	64.03	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.24	163	92929	4.10	ng	Qvalue 98

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

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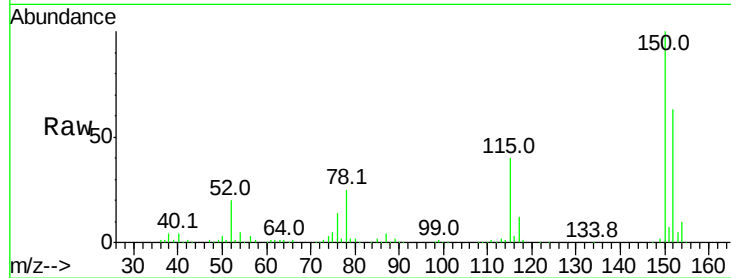


#1

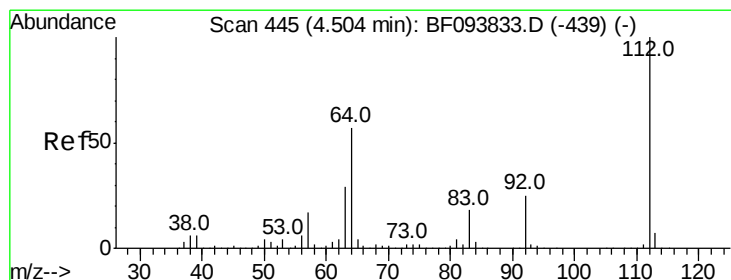
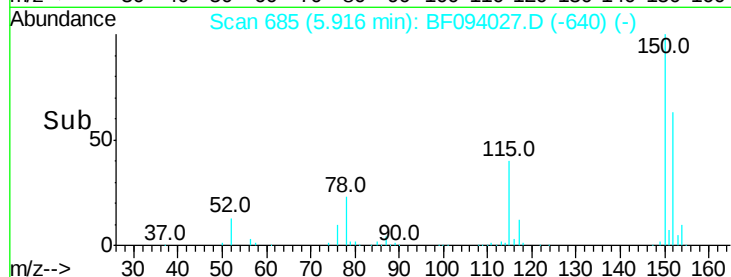
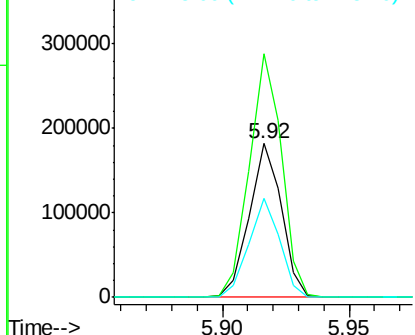
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF094027.D
Acq: 29 Mar 2017 19:17

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-50

Tot Ion:152 Resp: 161283
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 64.1 52.2 78.2



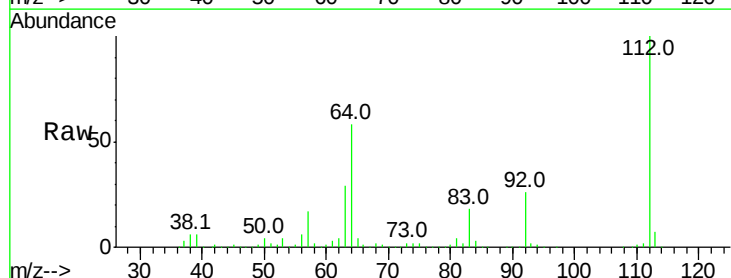
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



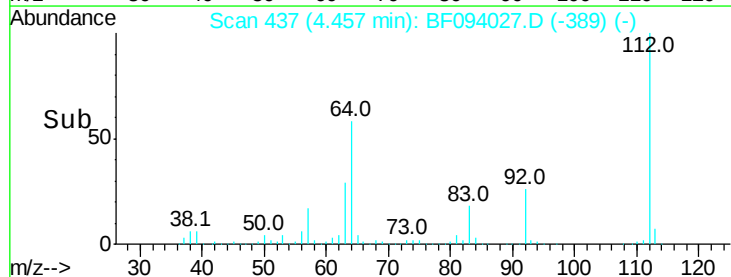
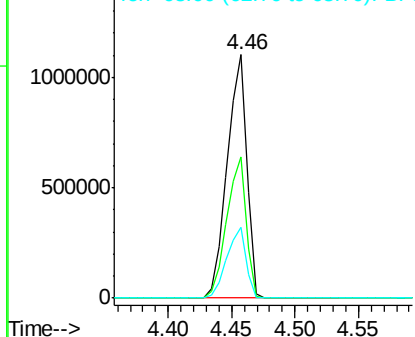
#5

2-Fluorophenol
Concen: 123.09 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF094027.D
Acq: 29 Mar 2017 19:17

Tgt Ion:112 Resp: 1175414
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 29.3 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: 126.72 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-50

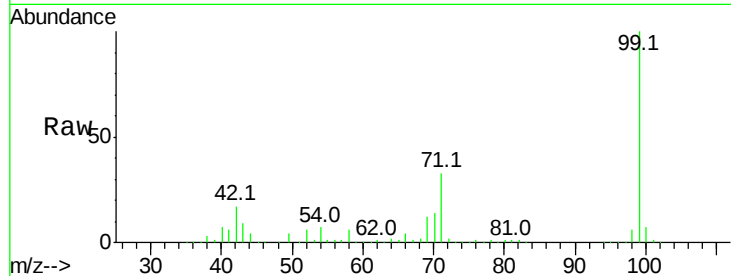
Tot Ion: 99 Resp: 1496945

Ion Ratio Lower Upper

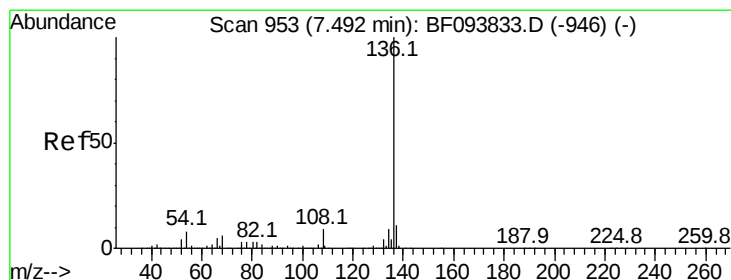
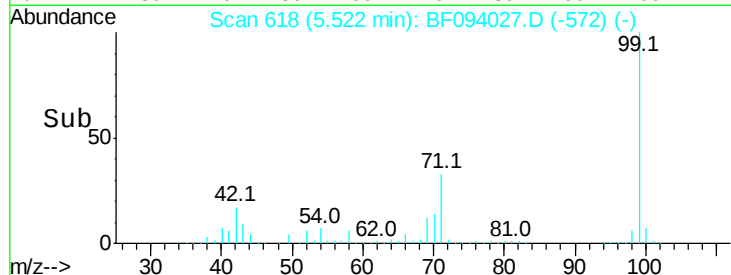
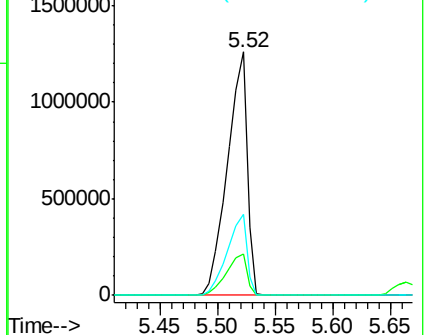
99 100

42 17.2 13.5 20.3

71 33.1 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: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

Tgt Ion: 136 Resp: 677426

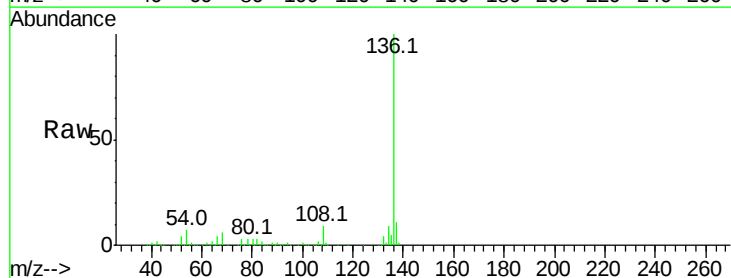
Ion Ratio Lower Upper

136 100

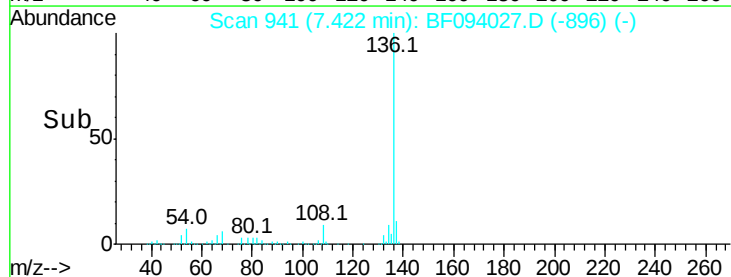
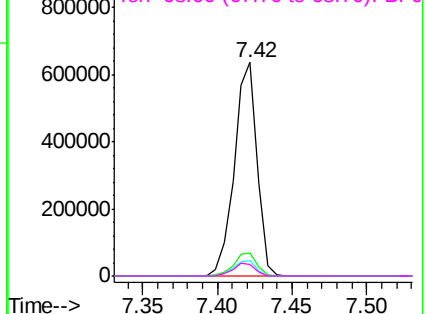
137 11.0 8.5 12.7

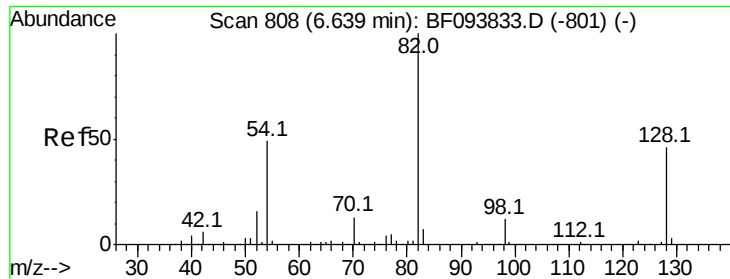
54 7.0 4.9 7.3

68 5.7 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

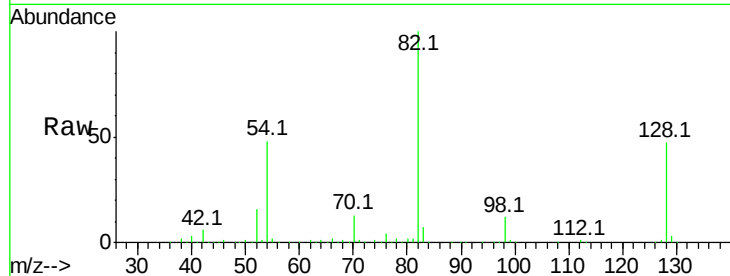




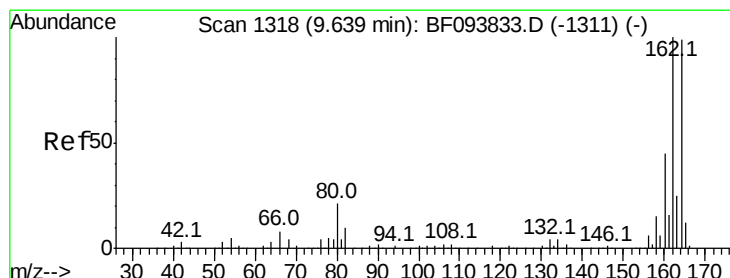
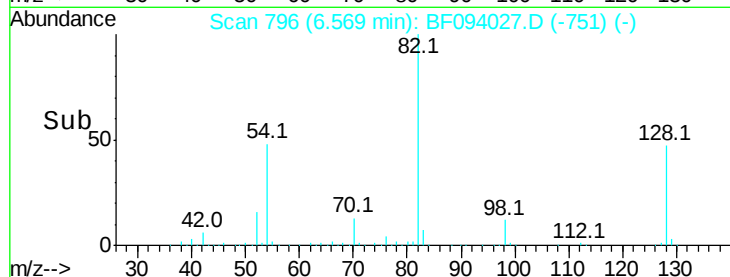
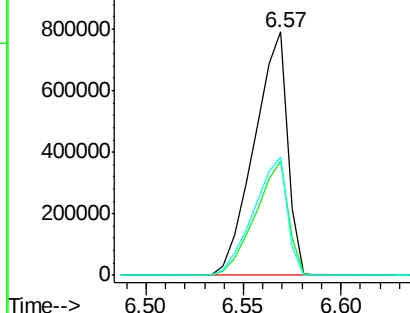
#23
 Nitrobenzene-d5
 Concen: 78.93 ng
 RT: 6.57 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF094027.D
 Acq: 29 Mar 2017 19:17

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-50

Tot Ion	82	Resp	936981
Ion Ratio	Lower	Upper	
82	100		
128	46.8	34.0	51.0
54	48.3	42.2	63.2

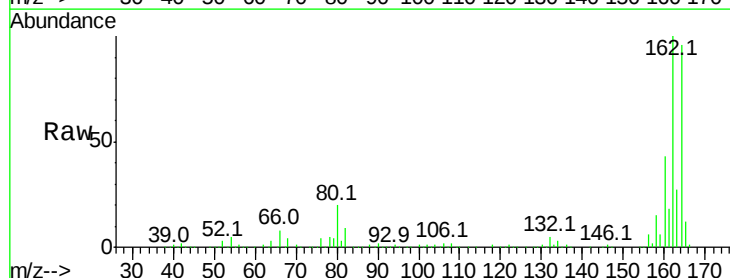


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

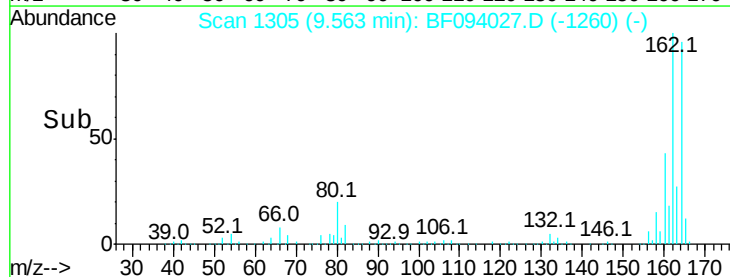
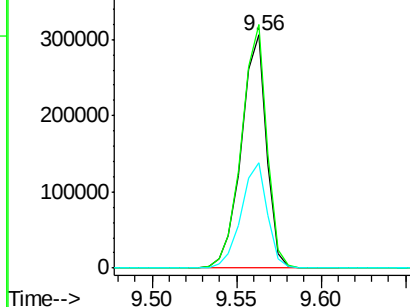


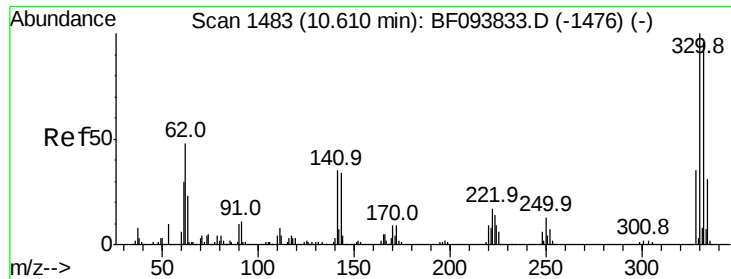
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF094027.D
 Acq: 29 Mar 2017 19:17

Tgt Ion	164	Resp	318685
Ion Ratio	Lower	Upper	
164	100		
162	104.4	82.6	123.8
160	45.2	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

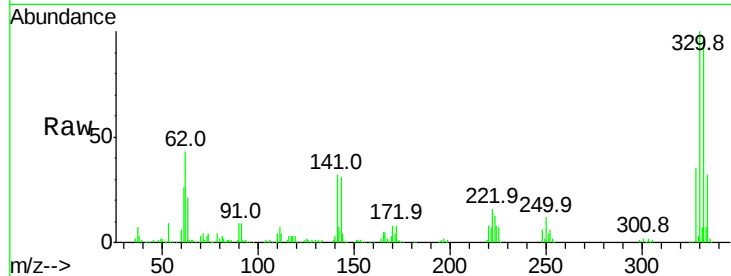




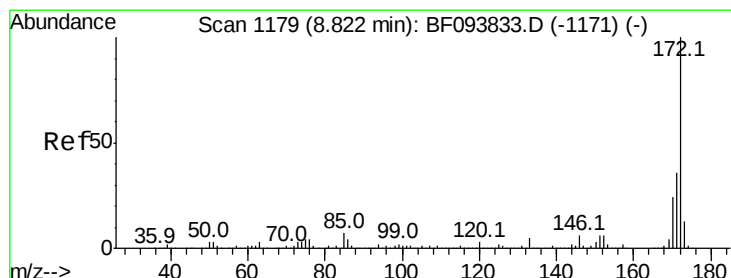
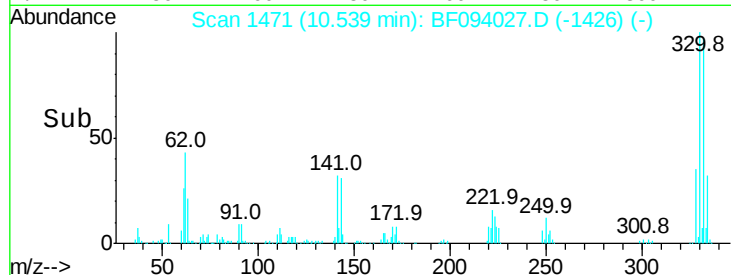
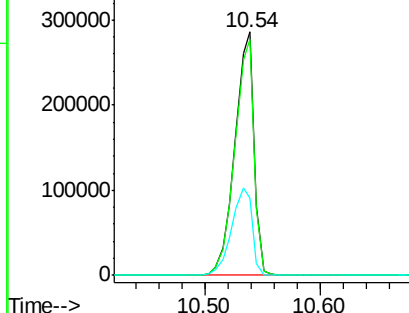
#41
 2,4,6-Tribromophenol
 Concen: 131.11 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094027.D
 Acq: 29 Mar 2017 19:17

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-50

Tot Ion:330 Resp: 330171
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 38.4 31.4 47.2

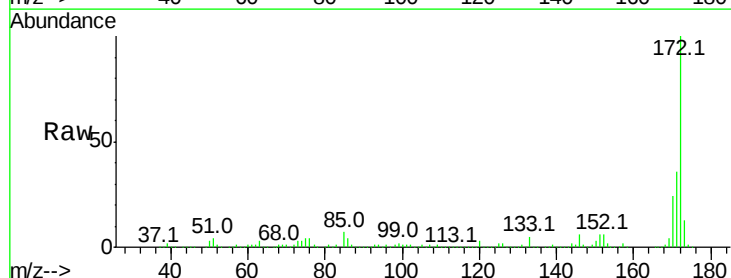


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

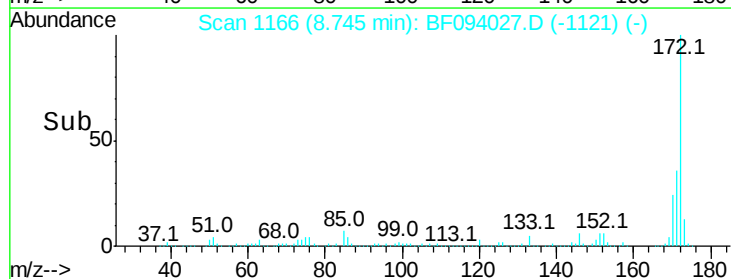
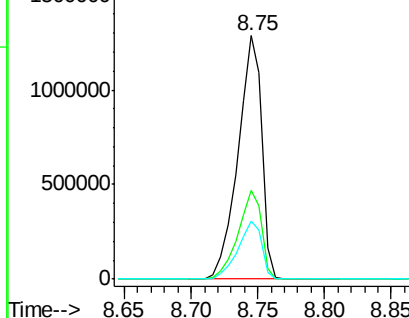


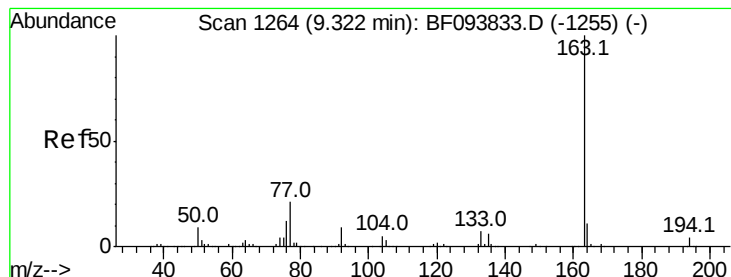
#44
 2-Fluorobiphenyl
 Concen: 75.84 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094027.D
 Acq: 29 Mar 2017 19:17

Tgt Ion:172 Resp: 1584584
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.7 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





#49

Dimethylphthalate

Concen: 4.10 ng

RT: 9.24 min Scan# 1250

Delta R.T. -0.05 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-50

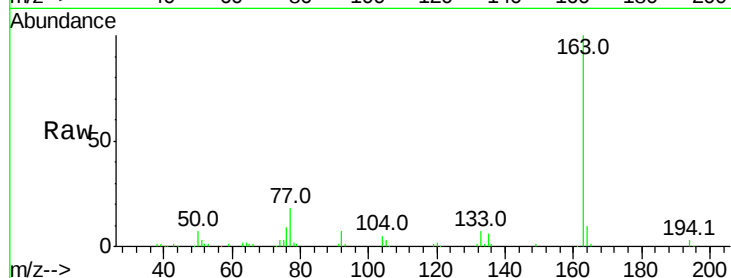
Tot Ion:163 Resp: 92929

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

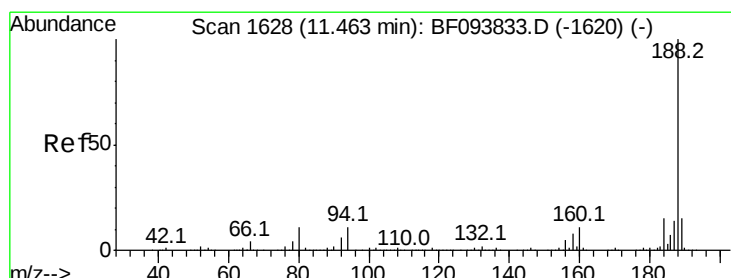
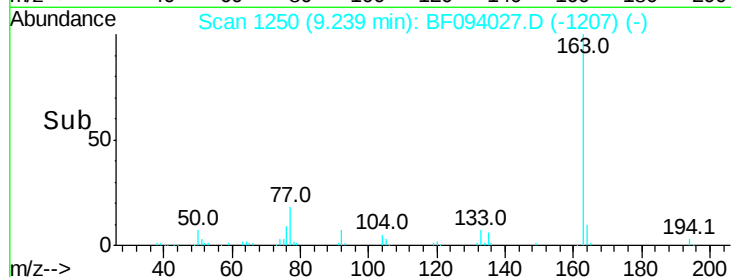
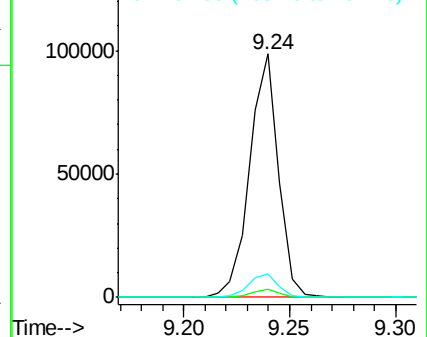
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1615

Delta R.T. -0.04 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

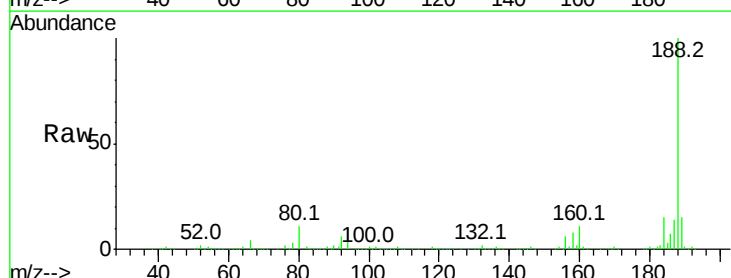
Tgt Ion:188 Resp: 562970

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

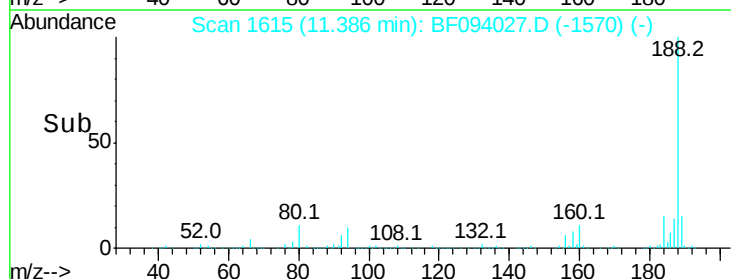
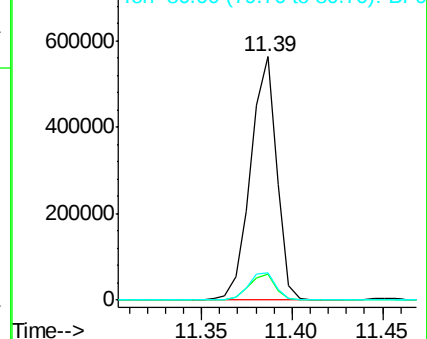
80 11.0 10.2 15.2

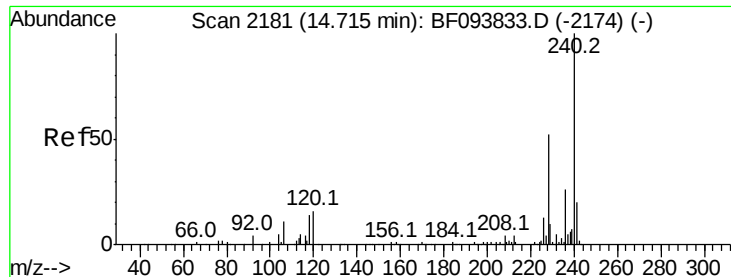


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.63 min Scan# 2167

Delta R.T. -0.05 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-50

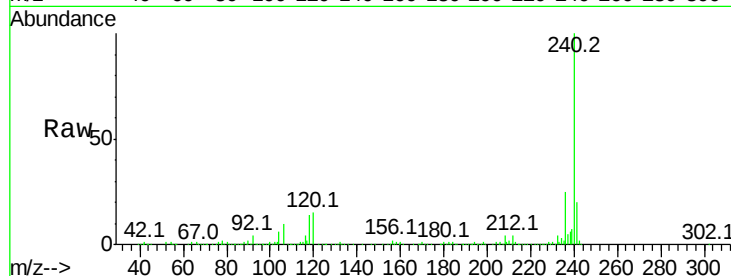
Tot Ion:240 Resp: 466550

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

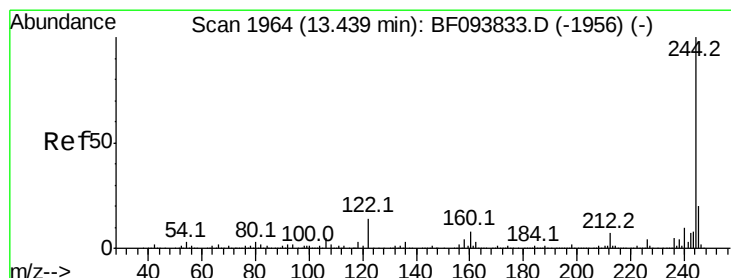
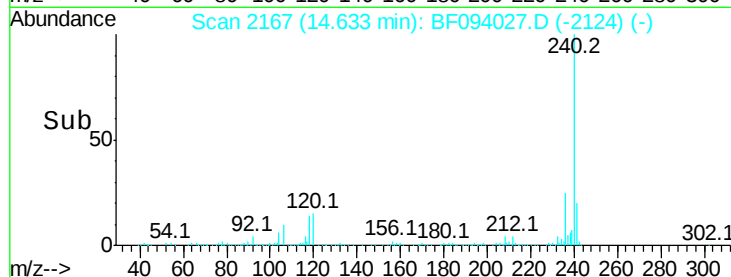
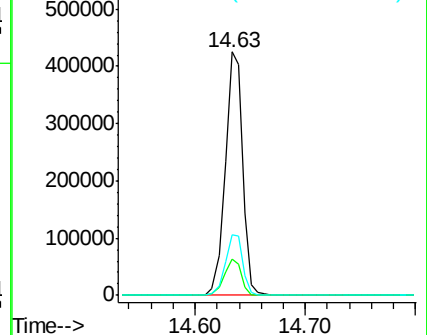
236 25.0 20.5 30.7



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: 64.03 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094027.D

Acq: 29 Mar 2017 19:17

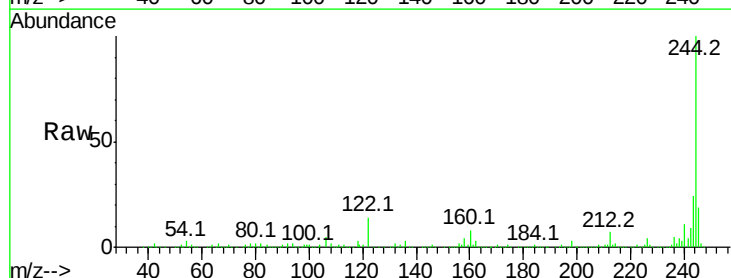
Tgt Ion:244 Resp: 1332827

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

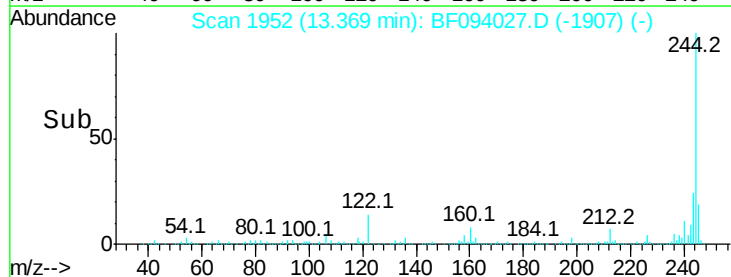
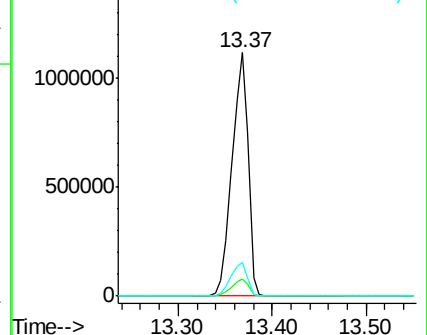
122 13.7 10.3 15.5

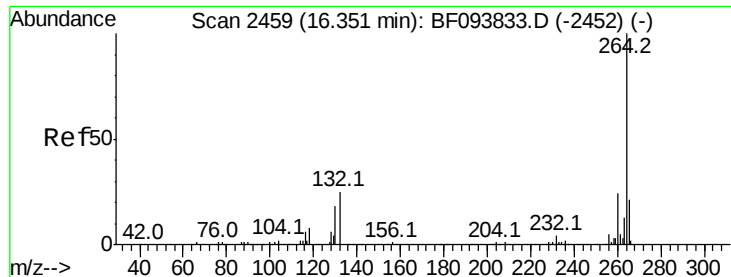


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

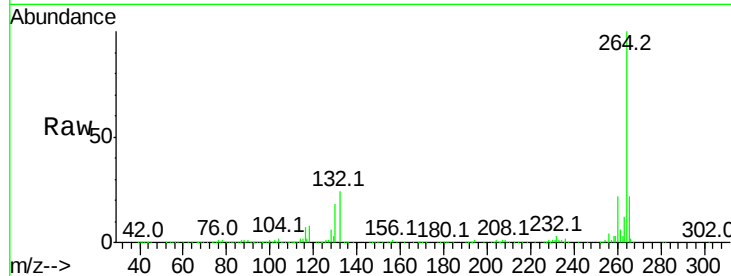




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 2445
Delta R.T. -0.04 min
Lab File: BF094027.D
Acq: 29 Mar 2017 19:17

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-50

Tot Ion:	264	Resp:	333230
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.5	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

