

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092543.D
 Acq On : 26 Jan 2017 23:42
 Operator : SJ/MA
 Sample : I1451-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-32

Quant Time: Jan 27 02:14:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155306	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	619920	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	333926	20.00	ng	-0.01
63) Phenanthrene-d10	11.52	188	596714	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	504703	20.00	ng	-0.01
86) Perylene-d12	15.63	264	356252	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	644956	64.61	ng	0.01
7) Phenol-d6	6.58	99	487648	38.35	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1055411	93.00	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	354657	155.85	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1698461	94.05	ng	-0.01
78) Terphenyl-d14	13.11	244	1439632	75.96	ng	-0.01

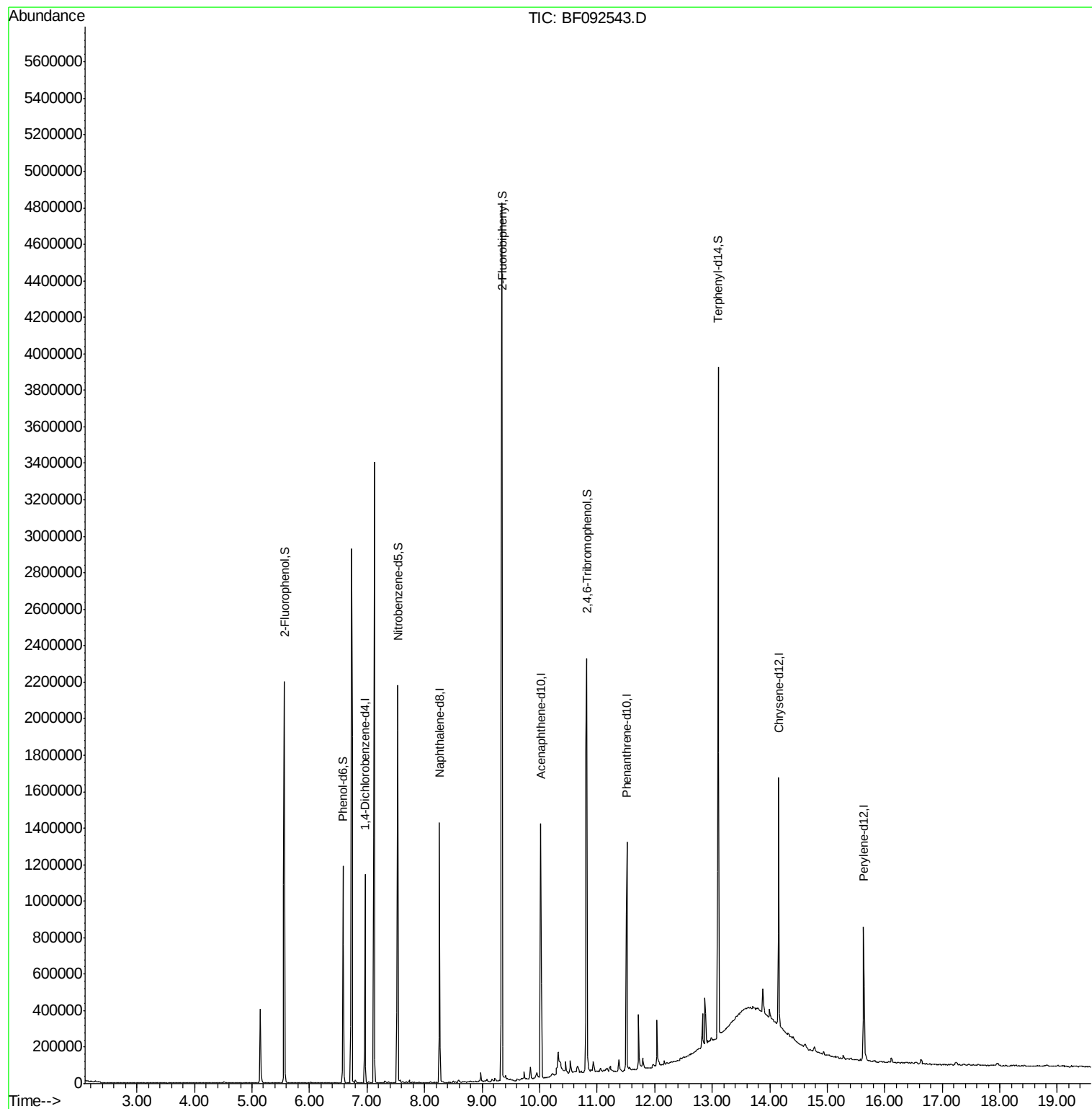
Target Compounds Qvalue

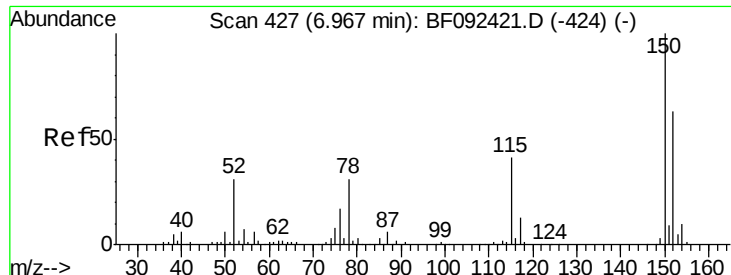
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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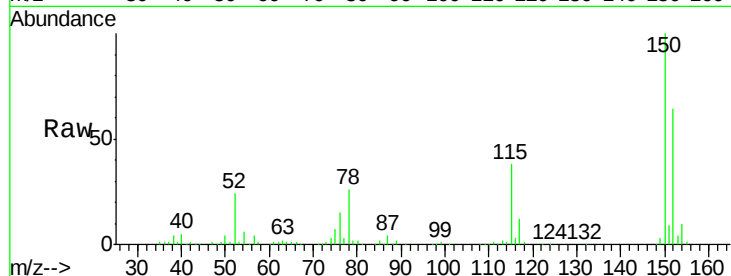




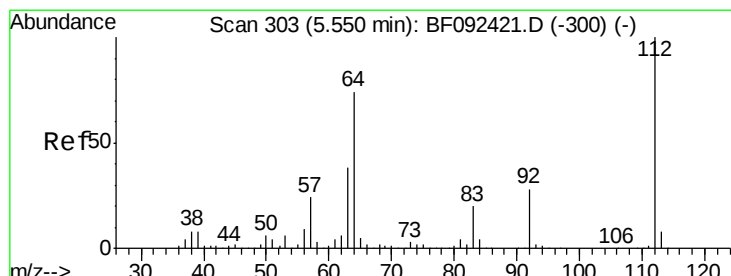
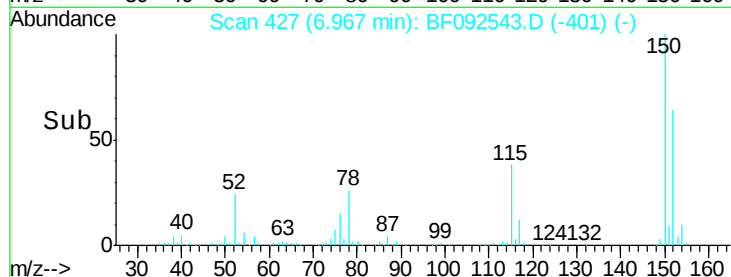
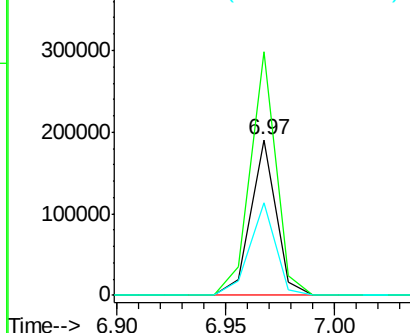
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF092543.D
 Acq: 26 Jan 2017 23:42

Instrument :
 BNA_F
 ClientSampleId :
 W-32

Tot Ion:152 Resp: 155306
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.9 187.3
 115 59.3 46.0 69.0

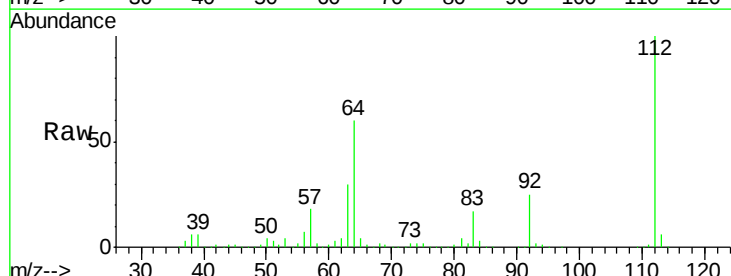


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

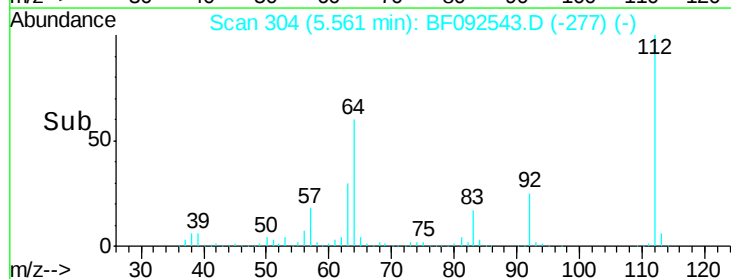
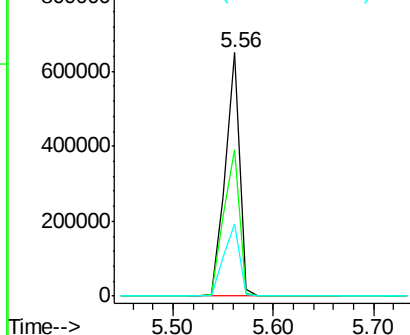


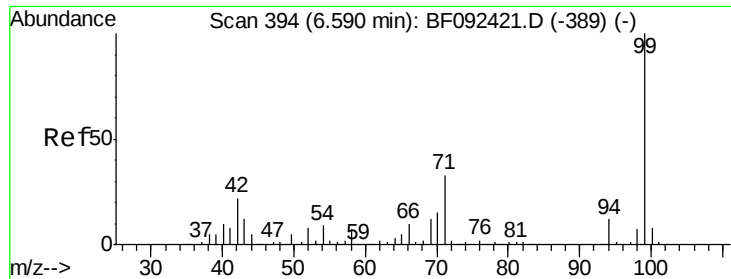
#5
 2-Fluorophenol
 Concen: 64.61 ng
 RT: 5.56 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF092543.D
 Acq: 26 Jan 2017 23:42

Tgt Ion:112 Resp: 644956
 Ion Ratio Lower Upper
 112 100
 64 59.9 46.1 69.1
 63 29.7 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: 38.35 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092543.D

Acq: 26 Jan 2017 23:42

Instrument :

BNA_F

ClientSampled :

W-32

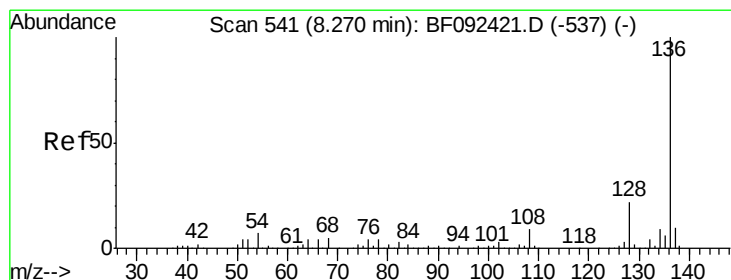
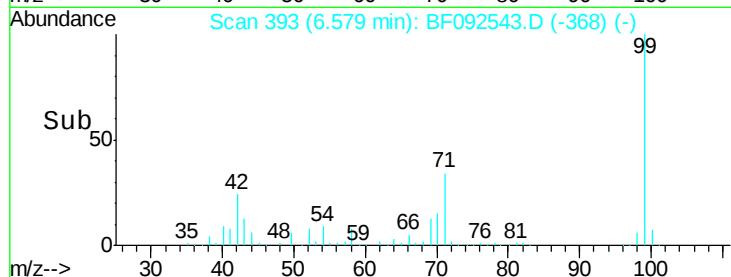
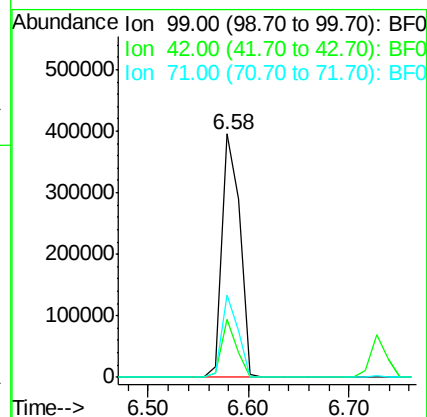
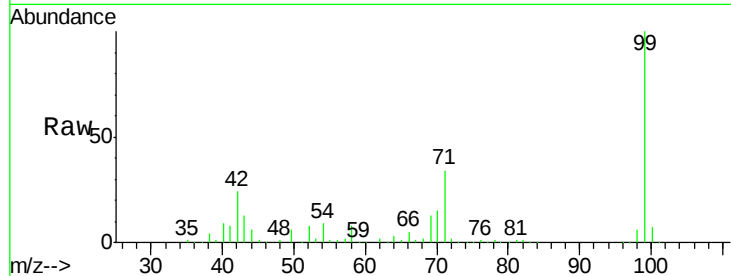
Tot Ion: 99 Resp: 487648

Ion Ratio Lower Upper

99 100

42 23.7 15.6 23.4#

71 33.8 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092543.D

Acq: 26 Jan 2017 23:42

Tgt Ion: 136 Resp: 619920

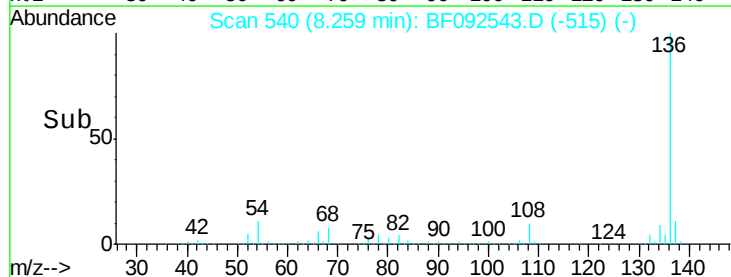
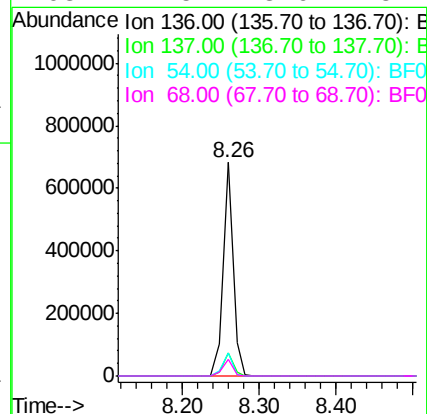
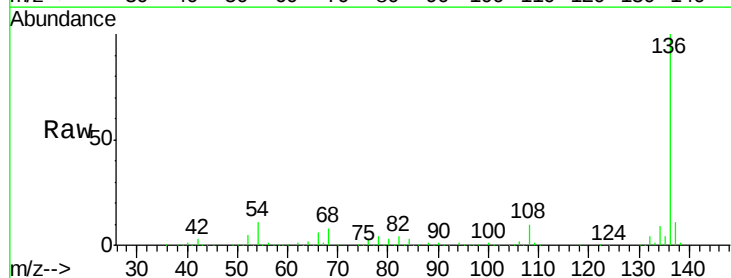
Ion Ratio Lower Upper

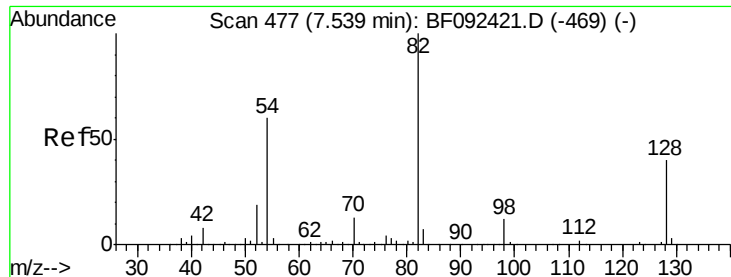
136 100

137 11.1 8.4 12.6

54 10.7 4.5 6.7#

68 7.5 3.6 5.4#

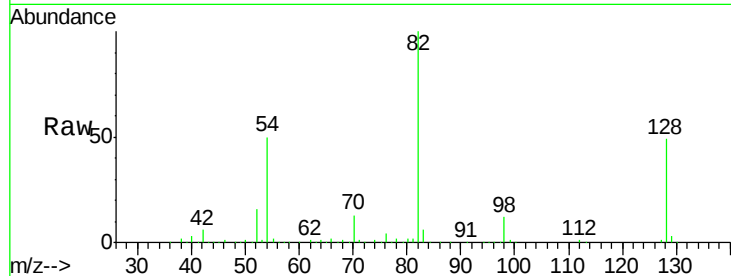




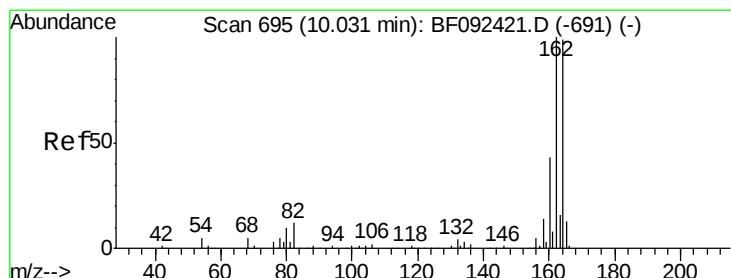
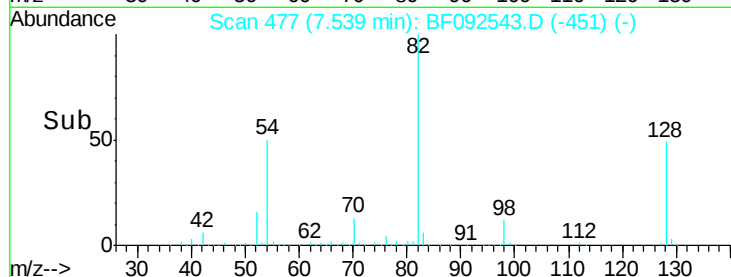
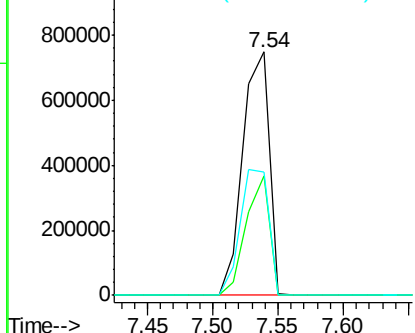
#23
Nitrobenzene-d5
Concen: 93.00 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092543.D
Acq: 26 Jan 2017 23:42

Instrument :
BNA_F
ClientSampleId :
W-32

Tot Ion: 82 Resp: 1055411
Ion Ratio Lower Upper
82 100
128 49.2 34.6 52.0
54 50.5 39.5 59.3

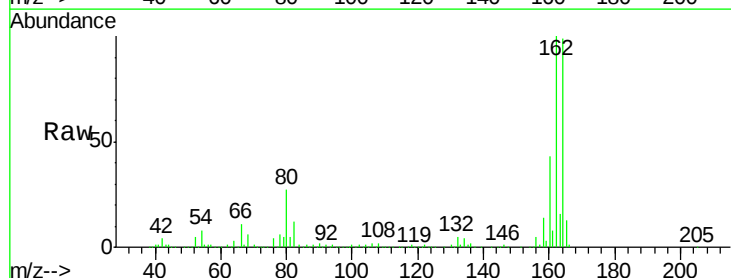


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

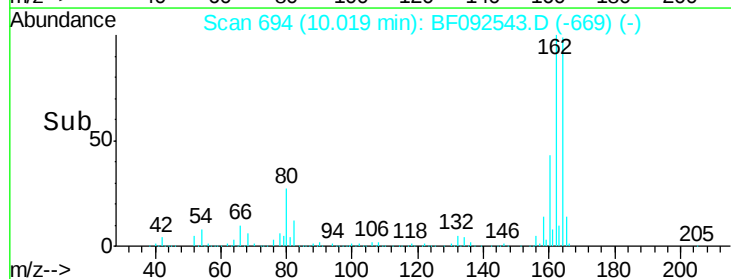
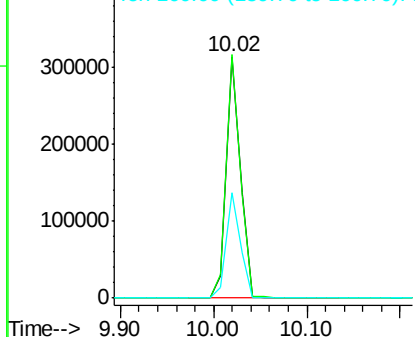


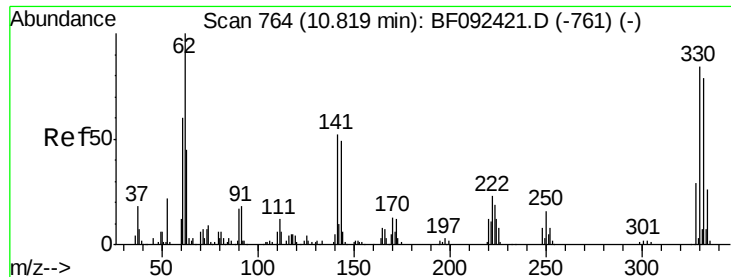
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092543.D
Acq: 26 Jan 2017 23:42

Tgt Ion:164 Resp: 333926
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 43.8 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: 155.85 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092543.D

Acq: 26 Jan 2017 23:42

Instrument :

BNA_F

ClientSampleId :

W-32

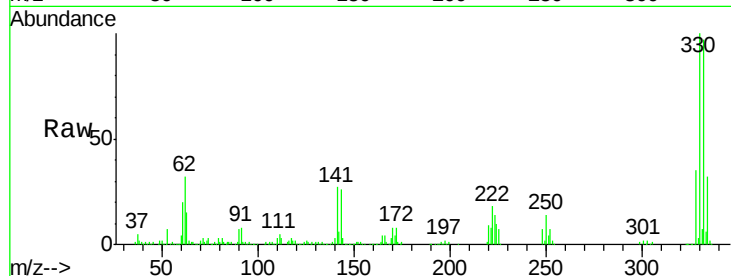
Tot Ion:330 Resp: 354657

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

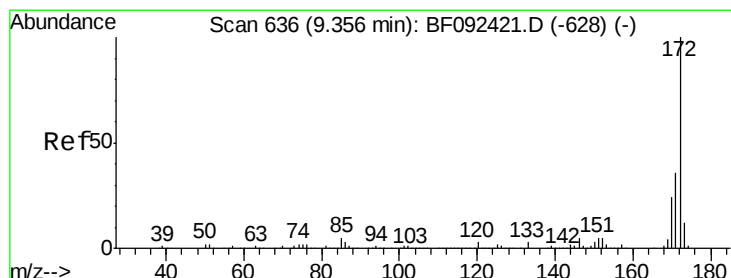
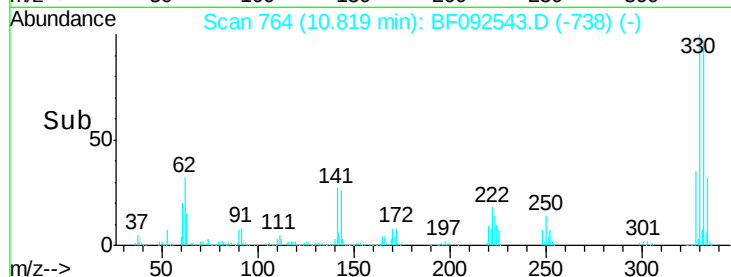
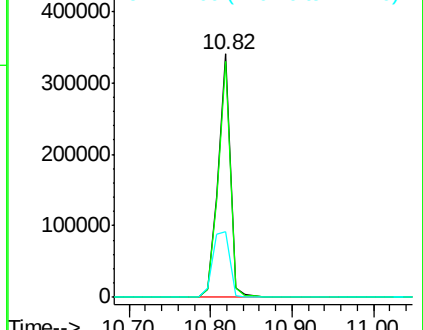
141 39.3 34.1 51.1



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: 94.05 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092543.D

Acq: 26 Jan 2017 23:42

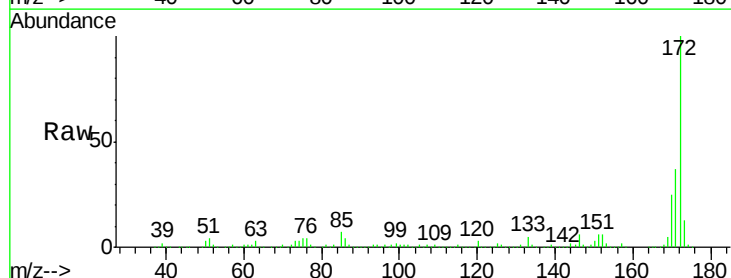
Tgt Ion:172 Resp: 1698461

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

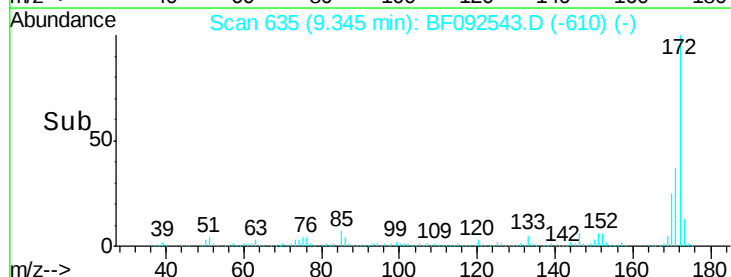
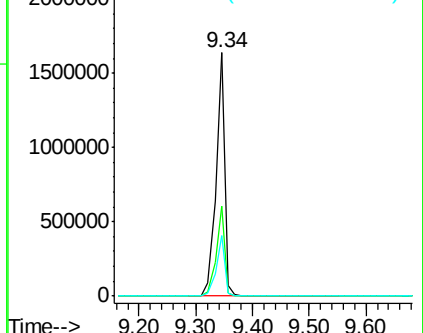
170 24.9 20.2 30.4

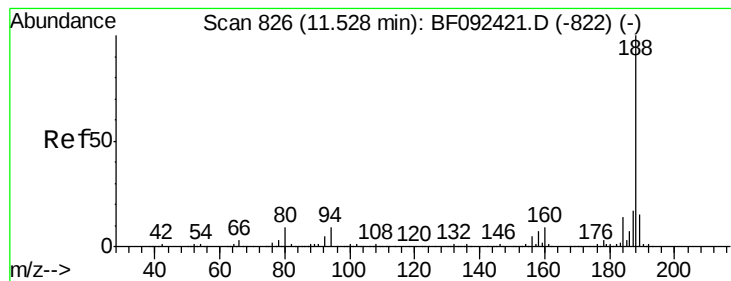


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092543.D

Acq: 26 Jan 2017 23:42

Instrument :

BNA_F

ClientSampleId :

W-32

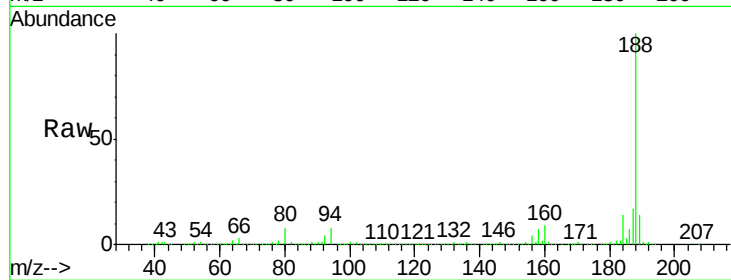
Tot Ion:188 Resp: 596714

Ion Ratio Lower Upper

188 100

94 8.1 10.0 15.0#

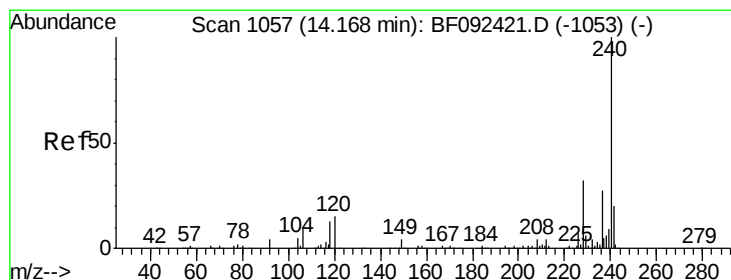
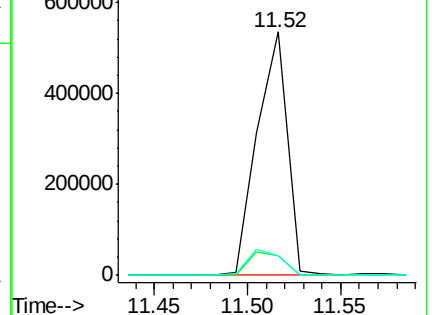
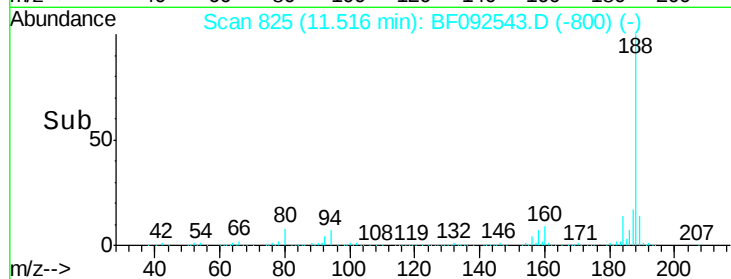
80 8.0 11.2 16.8#



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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092543.D

Acq: 26 Jan 2017 23:42

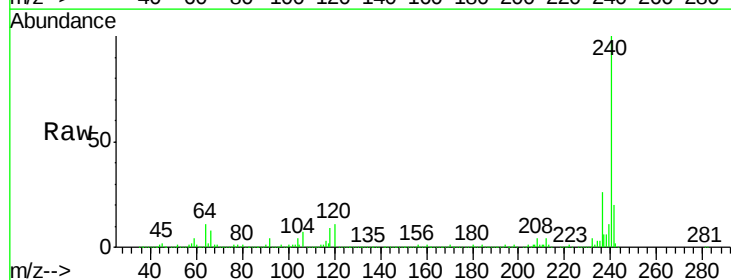
Tgt Ion:240 Resp: 504703

Ion Ratio Lower Upper

240 100

120 10.6 12.9 19.3#

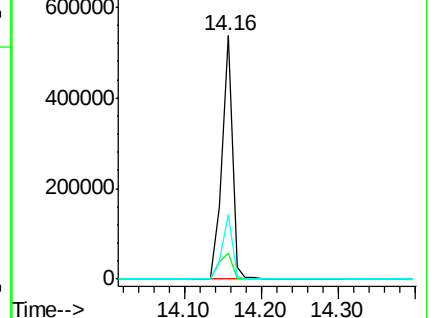
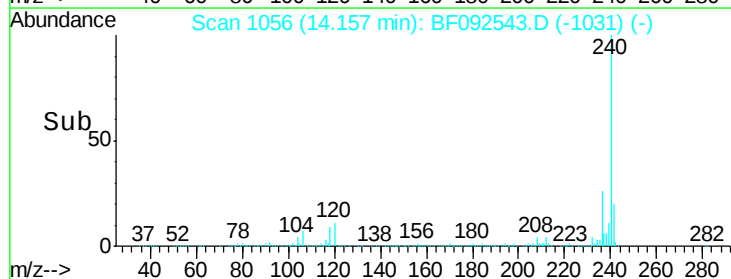
236 26.3 20.9 31.3

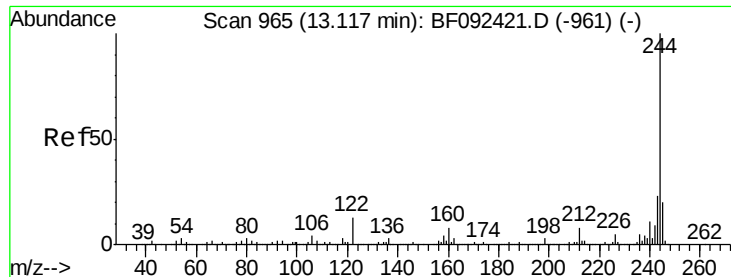


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.96 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092543.D

Acq: 26 Jan 2017 23:42

Instrument :

BNA_F

ClientSampleId :

W-32

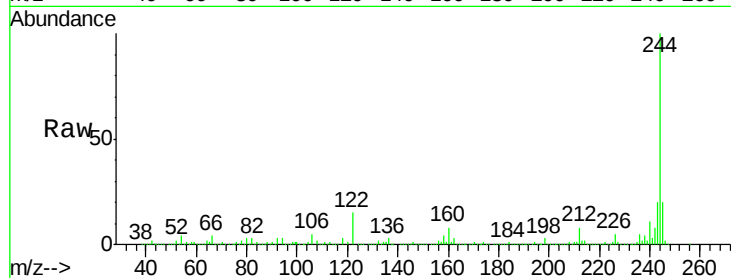
Tot Ion:244 Resp: 1439632

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

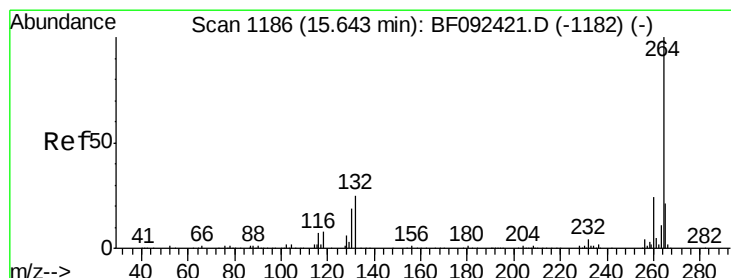
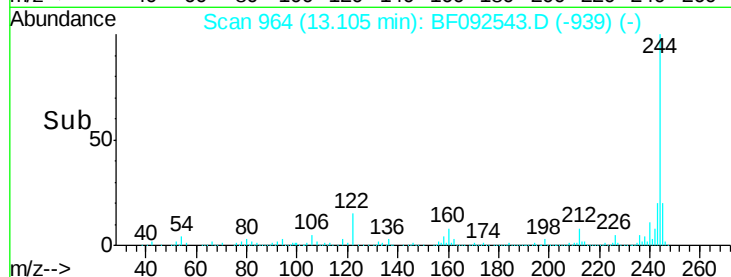
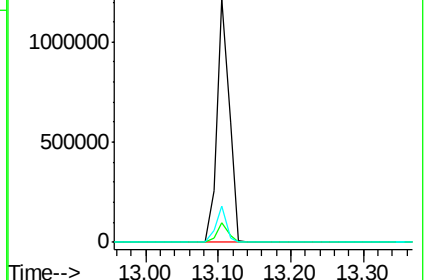
122 14.6 11.4 17.2



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: 20.00 ng

RT: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092543.D

Acq: 26 Jan 2017 23:42

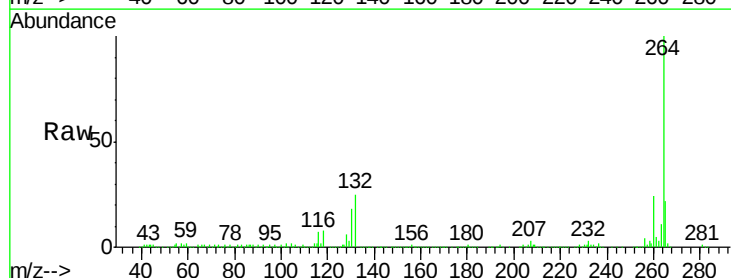
Tgt Ion:264 Resp: 356252

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 17.4 26.0



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

