

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092545.D
 Acq On : 27 Jan 2017 00:37
 Operator : SJ/MA
 Sample : I1451-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Quant Time: Jan 27 02:17:49 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	161216	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	650841	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	362350	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	648544	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	523853	20.00	ng	-0.01
86) Perylene-d12	15.64	264	376992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	677583	65.39	ng	0.01
7) Phenol-d6	6.59	99	554326	42.00	ng	0.00
23) Nitrobenzene-d5	7.54	82	1153502	96.81	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	362895	146.96	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1655881	84.50	ng	-0.01
78) Terphenyl-d14	13.11	244	1580623	80.35	ng	-0.01

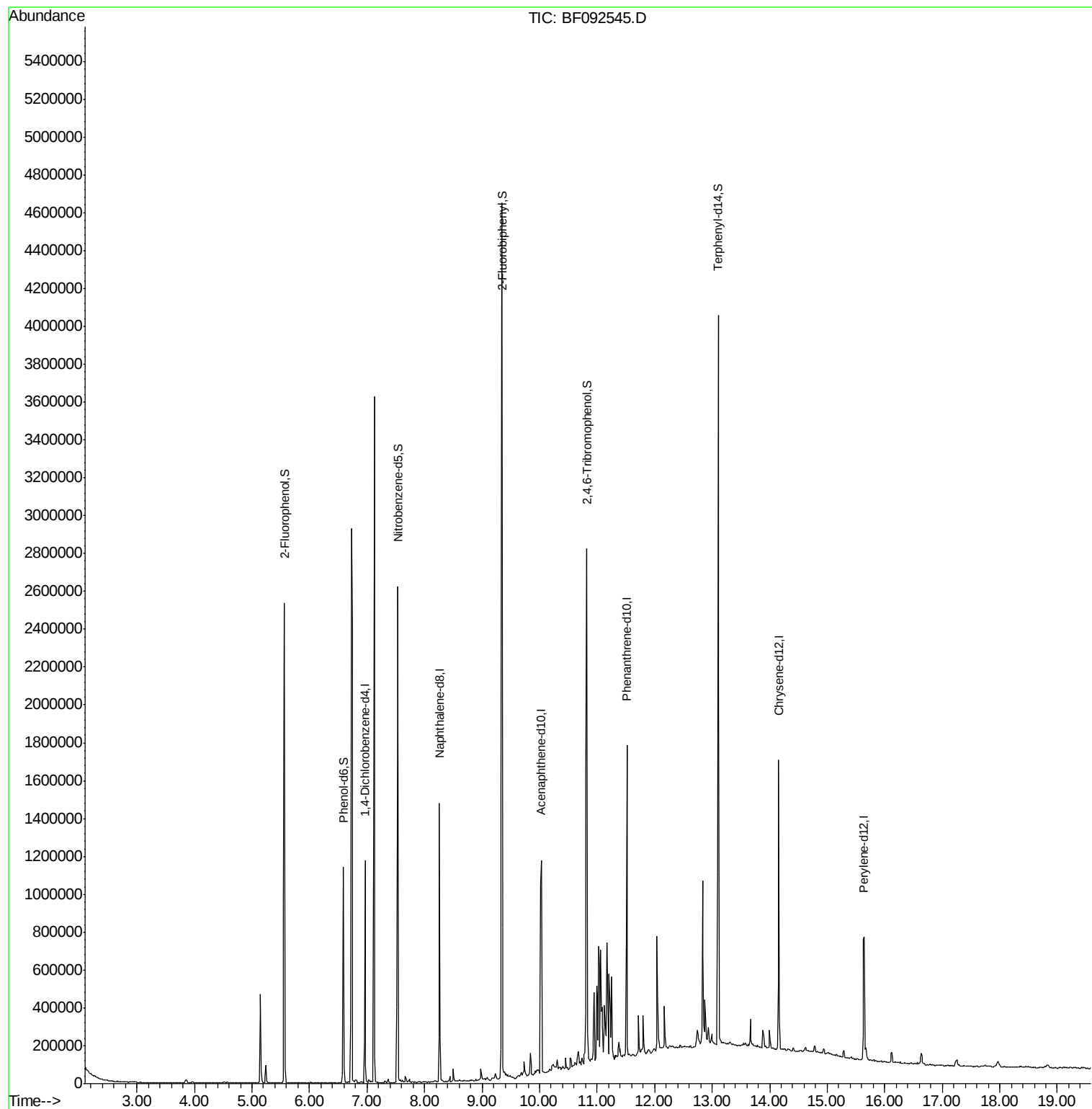
Target Compounds Qvalue

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

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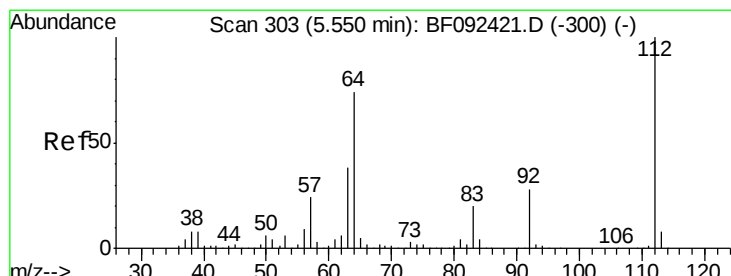
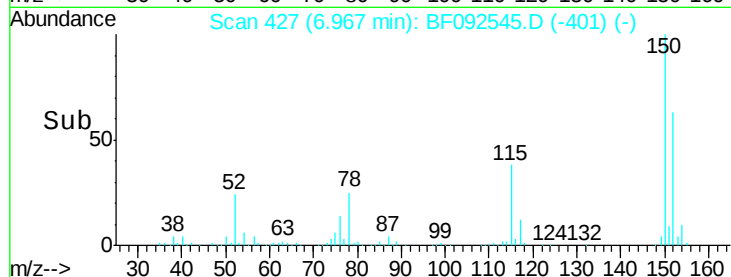
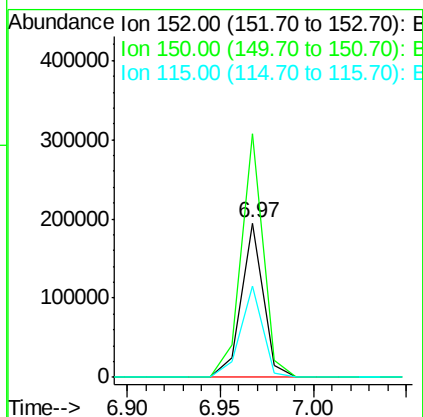
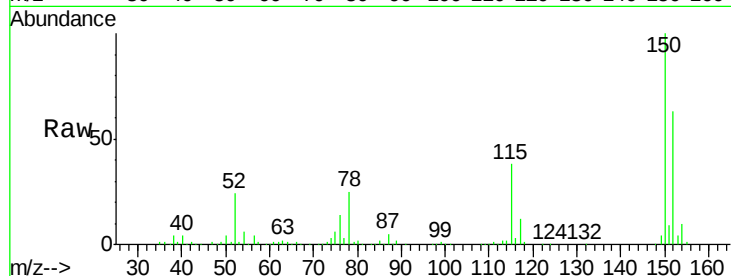


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092545.D
Acq: 27 Jan 2017 00:37

Instrument :
BNA_F
ClientSampled :
W-35

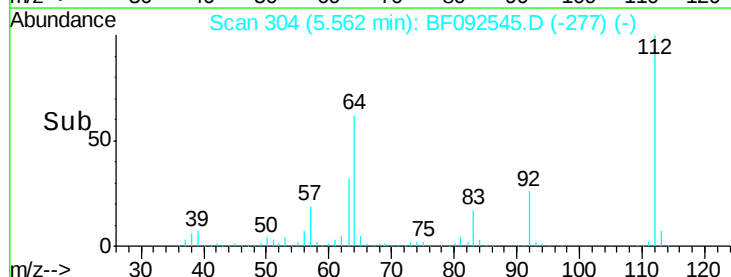
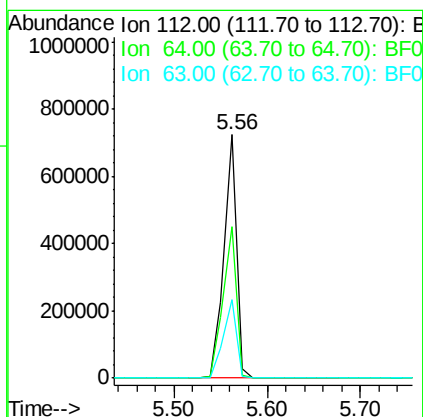
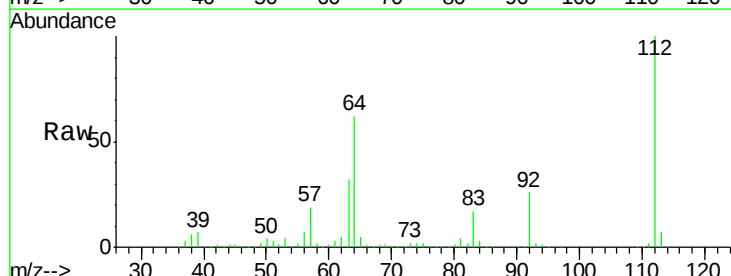
Tot Ion:152 Resp: 161216
Ion Ratio Lower Upper
152 100
150 157.8 124.9 187.3
115 59.2 46.0 69.0

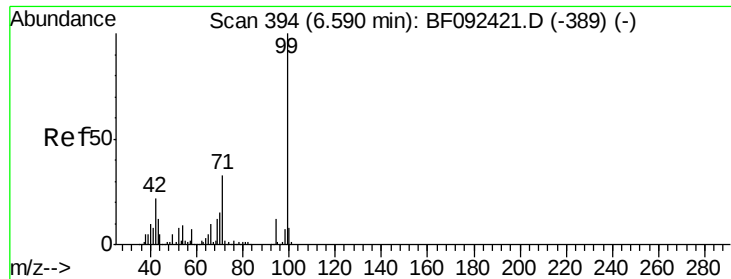


#5

2-Fluorophenol
Concen: 65.39 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092545.D
Acq: 27 Jan 2017 00:37

Tgt Ion:112 Resp: 677583
Ion Ratio Lower Upper
112 100
64 62.0 46.1 69.1
63 32.0 23.8 35.6





#7

Phenol-d6

Concen: 42.00 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092545.D

Acq: 27 Jan 2017 00:37

Instrument :

BNA_F

ClientSampled :

W-35

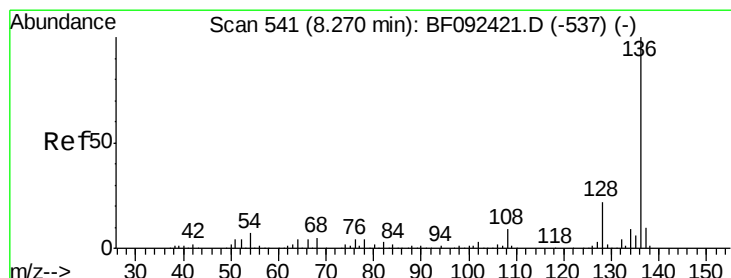
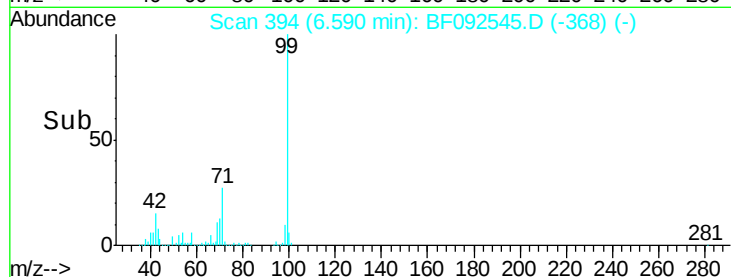
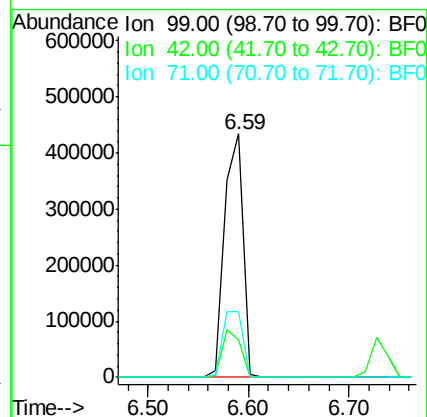
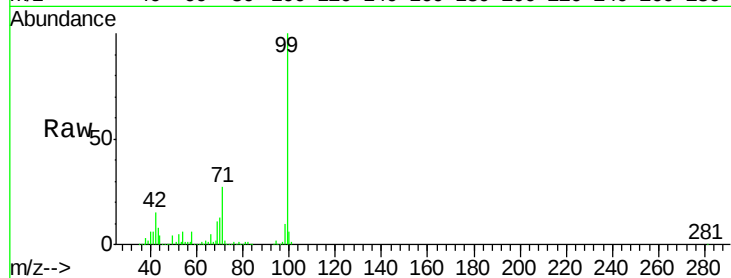
Tot Ion: 99 Resp: 554326

Ion Ratio Lower Upper

99 100

42 15.2 15.6 23.4#

71 26.9 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: BF092545.D

Acq: 27 Jan 2017 00:37

Tgt Ion: 136 Resp: 650841

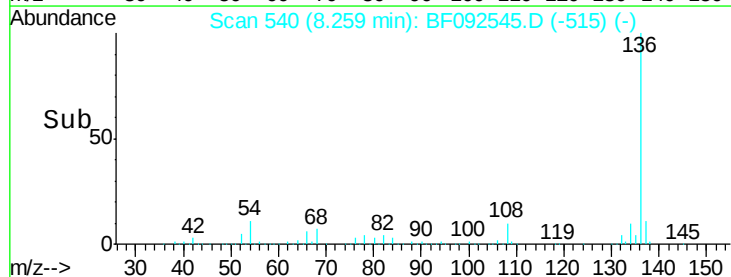
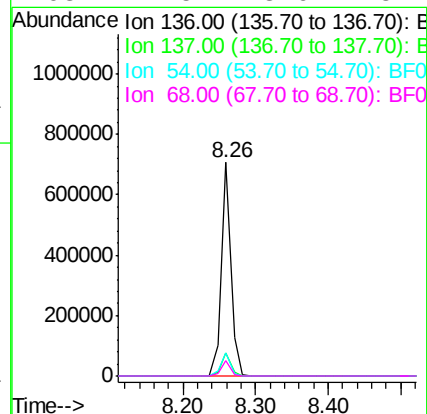
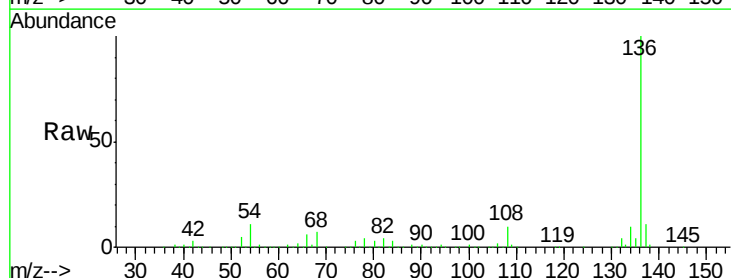
Ion Ratio Lower Upper

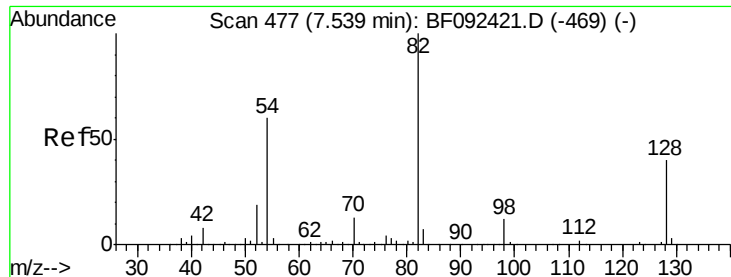
136 100

137 11.0 8.4 12.6

54 10.7 4.5 6.7#

68 7.5 3.6 5.4#



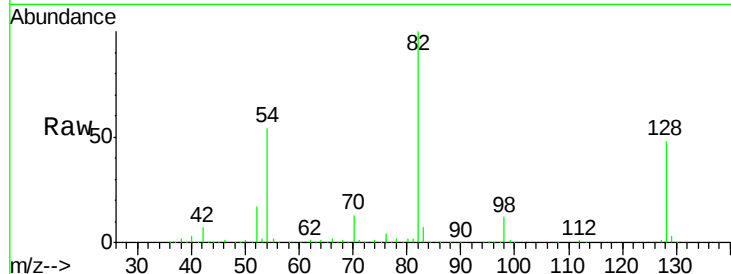


#23
 Nitrobenzene-d5
 Concen: 96.81 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092545.D
 Acq: 27 Jan 2017 00:37

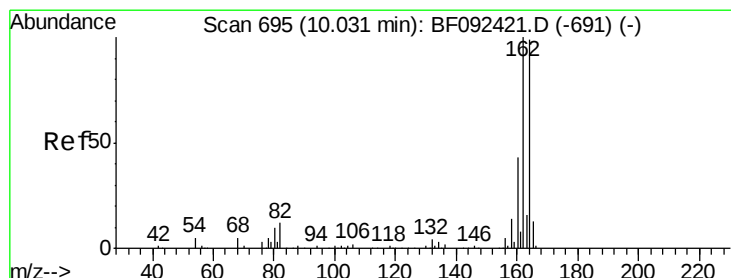
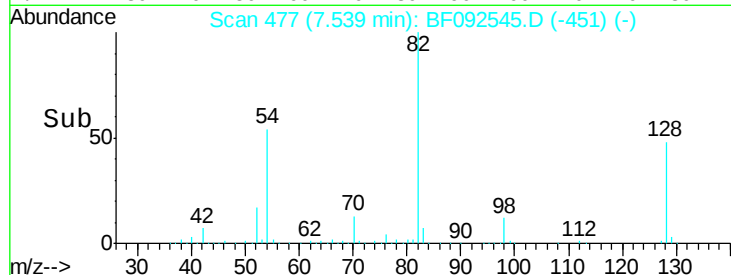
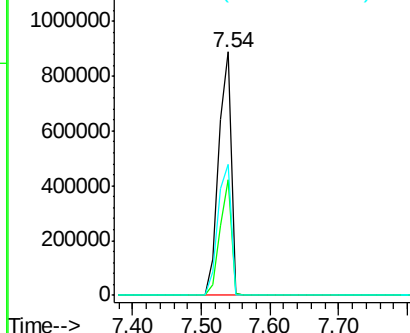
Instrument :
 BNA_F
 ClientSampleID :
 W-35

Tot Ion: 82 Resp: 1153502

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.6	52.0
54	53.7	39.5	59.3



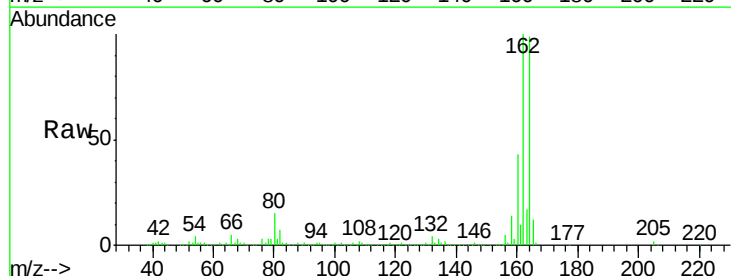
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



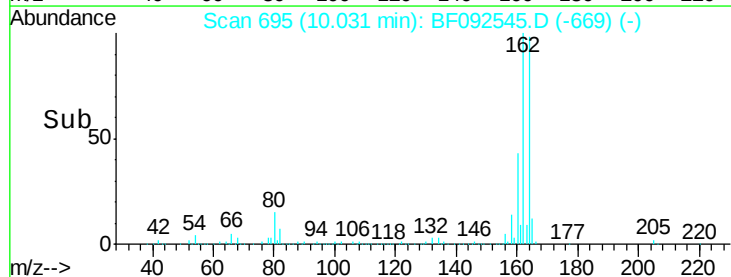
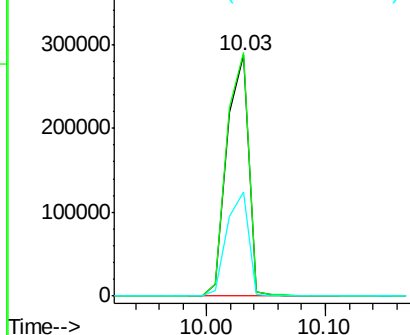
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092545.D
 Acq: 27 Jan 2017 00:37

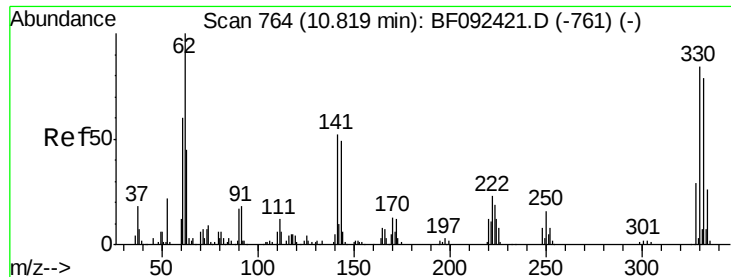
Tgt Ion:164 Resp: 362350

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	43.1	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

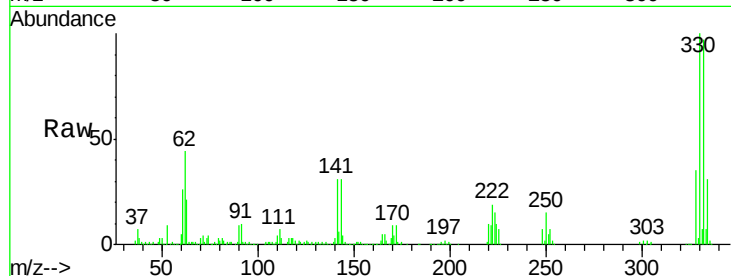




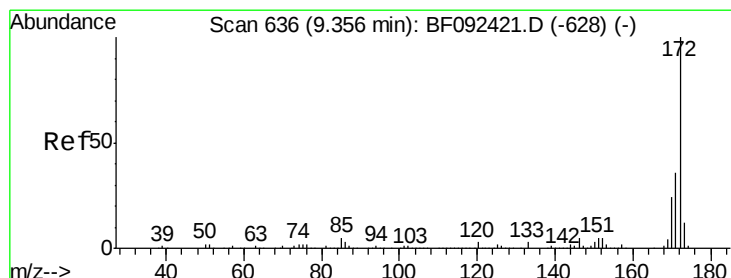
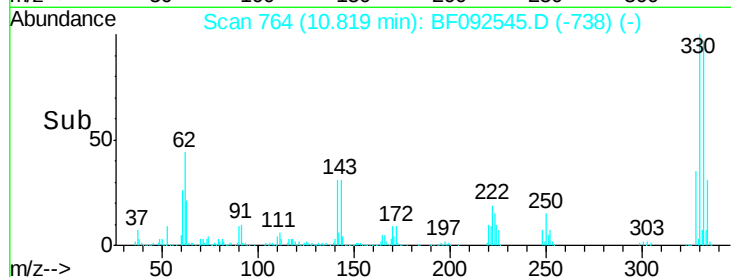
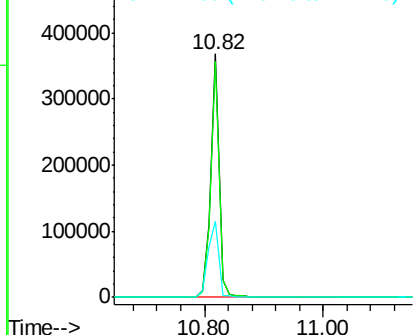
#41
 2,4,6-Tribromophenol
 Concen: 146.96 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092545.D
 Acq: 27 Jan 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	40.3	34.1	51.1

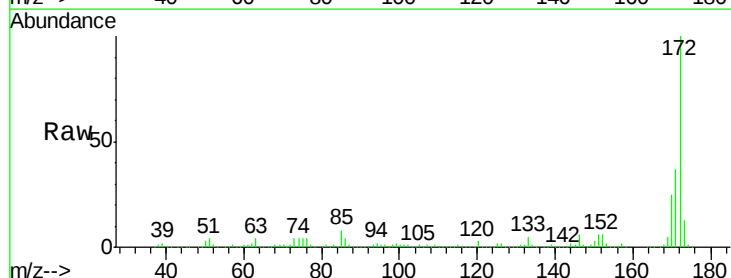


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

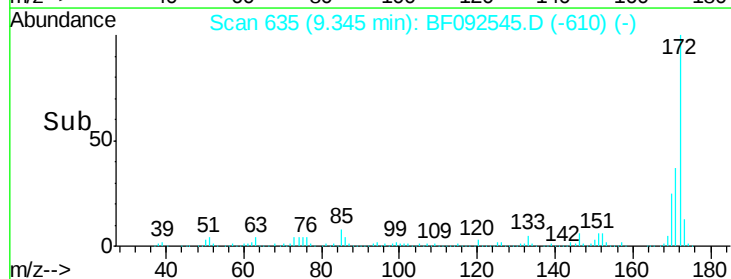
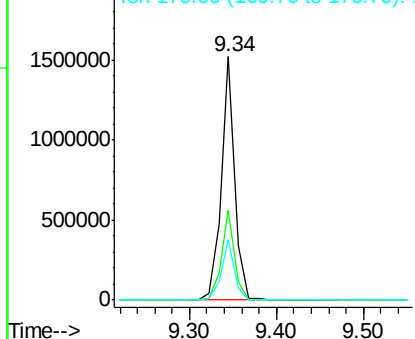


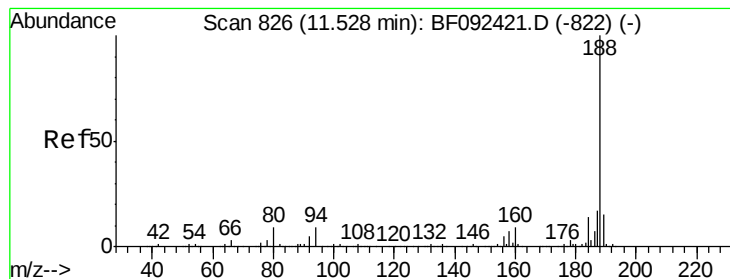
#44
 2-Fluorobiphenyl
 Concen: 84.50 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092545.D
 Acq: 27 Jan 2017 00:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.7	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: BF092545.D

Acq: 27 Jan 2017 00:37

Instrument :

BNA_F

ClientSampleId :

W-35

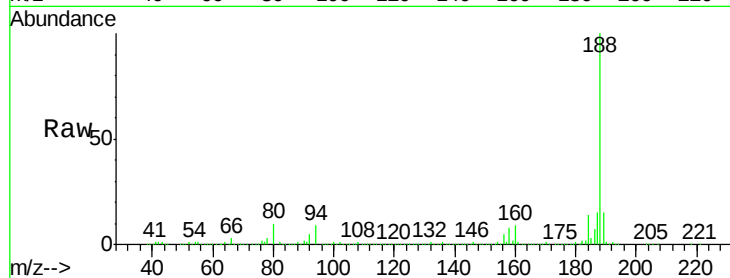
Tot Ion:188 Resp: 648544

Ion Ratio Lower Upper

188 100

94 9.1 10.0 15.0#

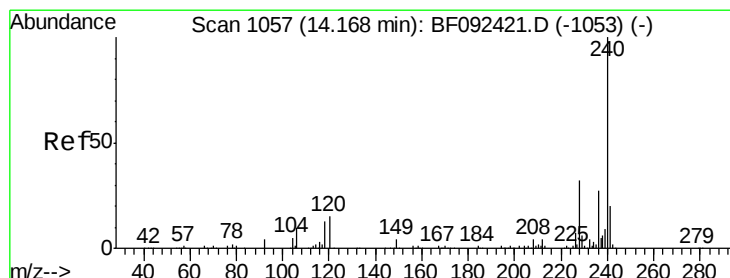
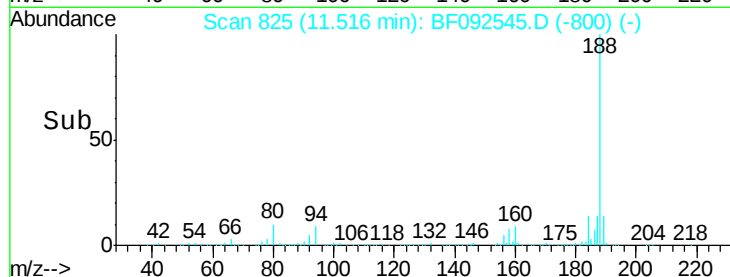
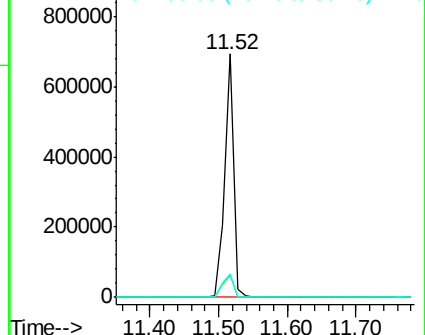
80 9.7 11.2 16.8#



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: BF092545.D

Acq: 27 Jan 2017 00:37

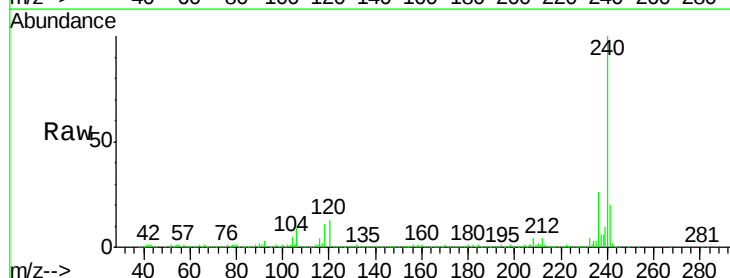
Tgt Ion:240 Resp: 523853

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

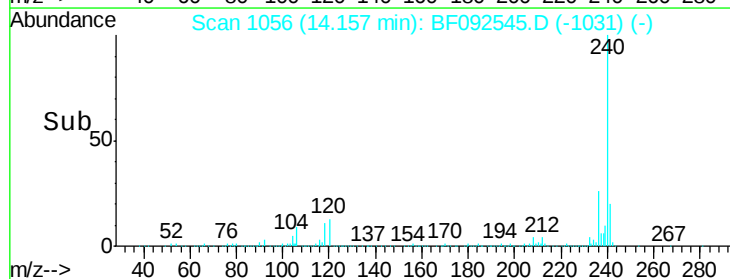
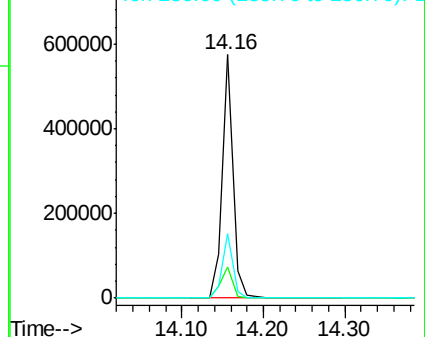
236 26.3 20.9 31.3

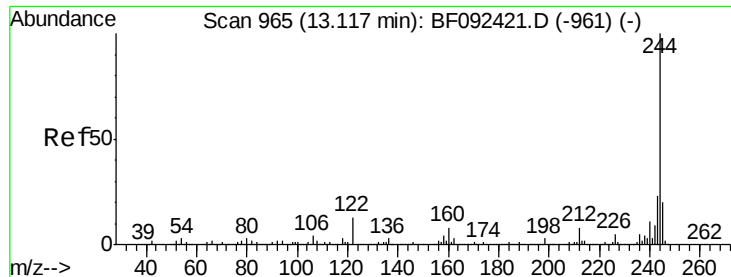


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.35 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092545.D

Acq: 27 Jan 2017 00:37

Instrument :

BNA_F

ClientSampleId :

W-35

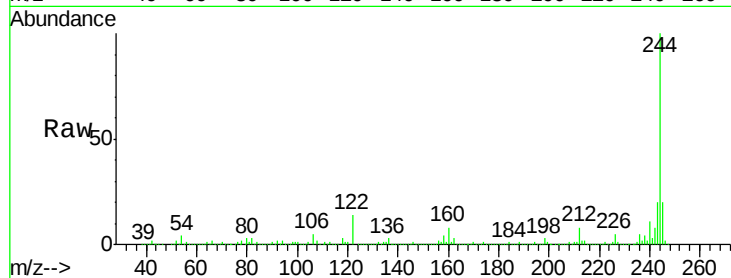
Tot Ion:244 Resp: 1580623

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

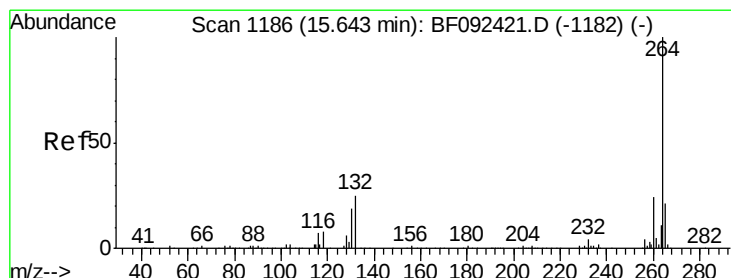
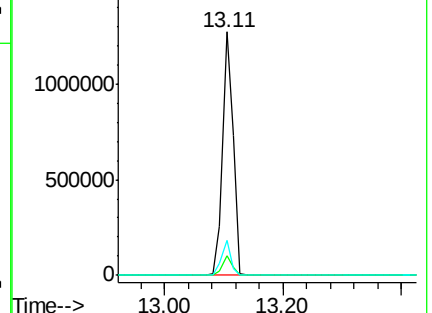
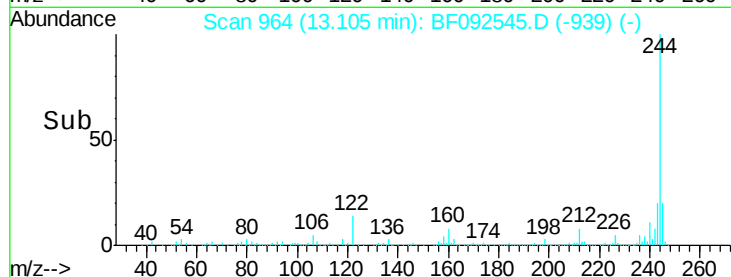
122 14.1 11.4 17.2



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: 15.64 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF092545.D

Acq: 27 Jan 2017 00:37

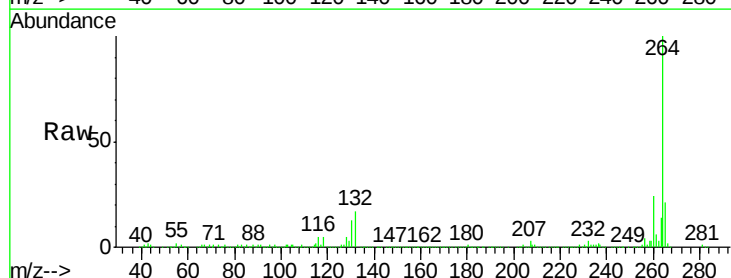
Tgt Ion:264 Resp: 376992

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.2 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

