

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082951.D
 Acq On : 16 Nov 2015 21:26
 Operator : UM/IZ
 Sample : G4435-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-151111-D8

Quant Time: Nov 17 07:40:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	209920	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	775730	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	443296	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	794494	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	774799	20.00	ng	-0.08
86) Perylene-d12	15.35	264	587030	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	430396	31.90	ng	-0.06
7) Phenol-d6	6.43	99	364109	20.30	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1276575	71.61	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	311697	61.32	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1924028	62.21	ng	-0.07
78) Terphenyl-d14	12.90	244	2221797	68.01	ng	-0.07

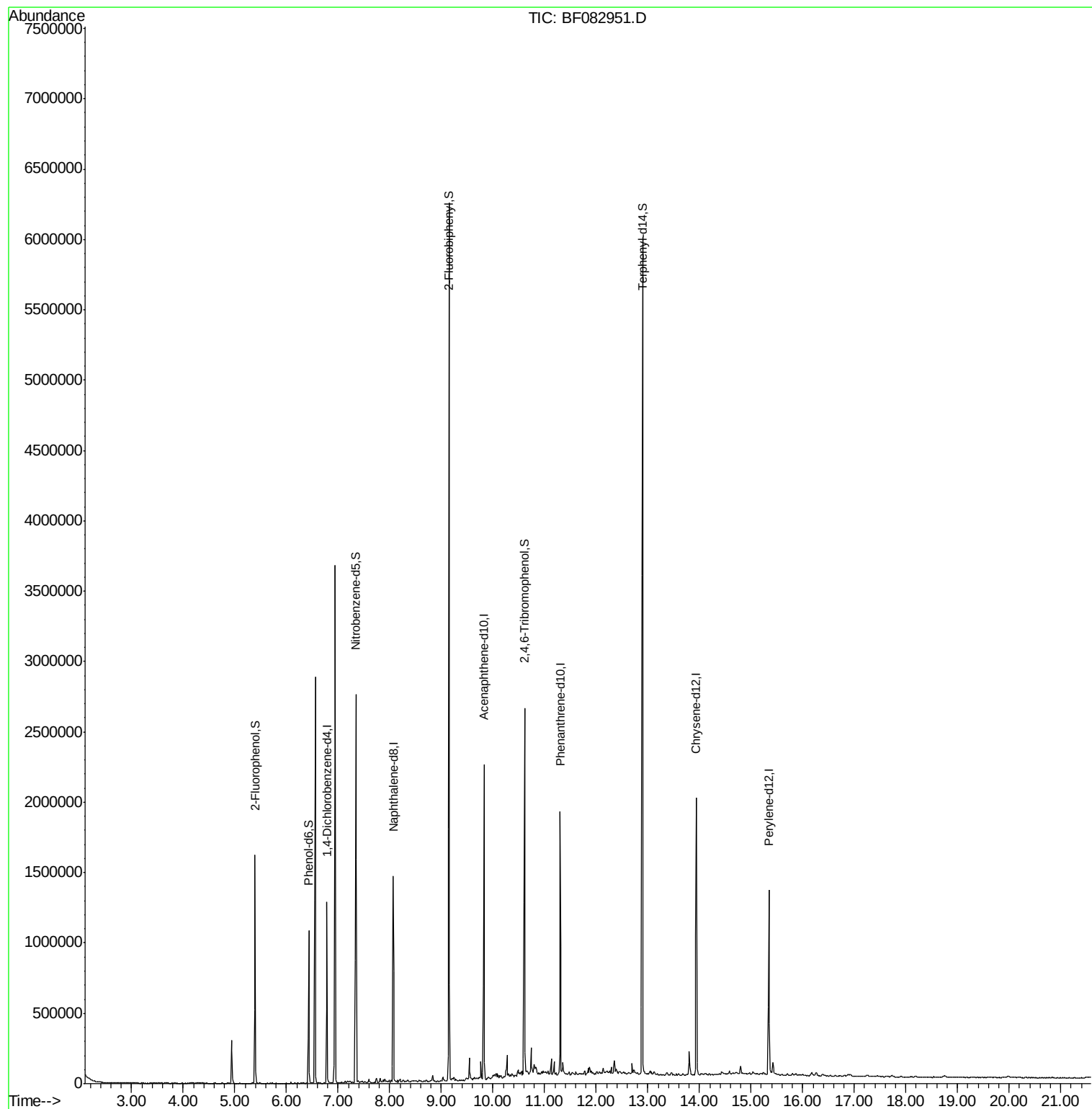
Target Compounds Qvalue

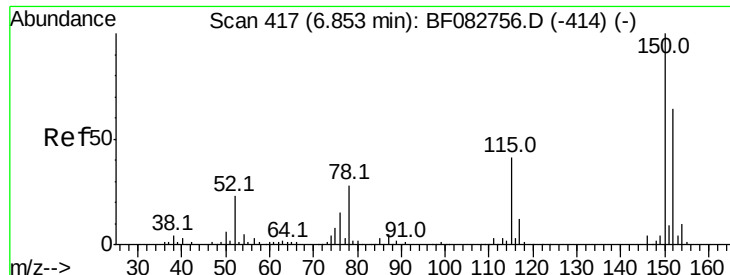
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082951.D

Acq: 16 Nov 2015 21:26

Instrument :

BNA_F

ClientSampleId :

EFF-151111-D8

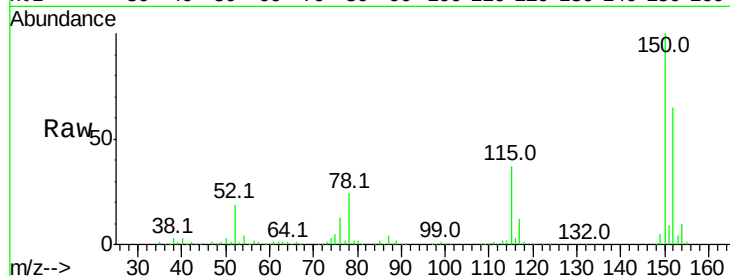
Tot Ion:152 Resp: 209920

Ion Ratio Lower Upper

152 100

150 154.7 127.0 190.4

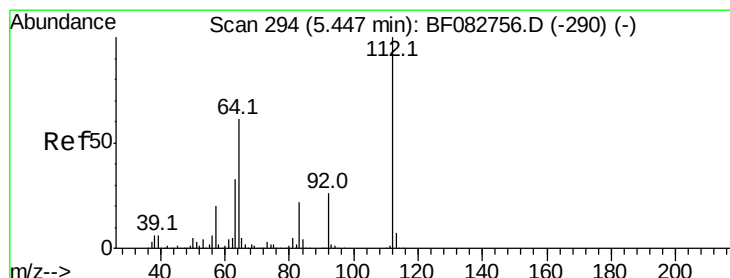
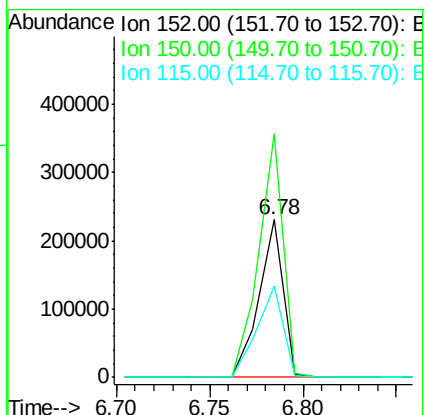
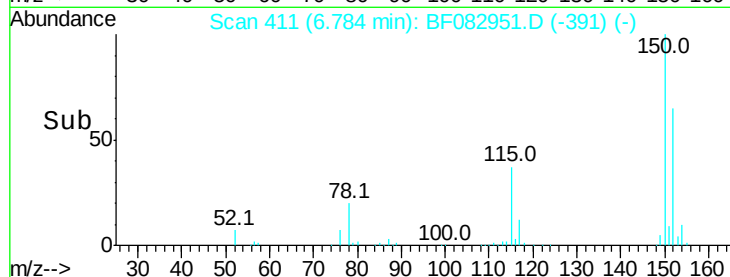
115 57.9 47.0 70.6



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: 31.90 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082951.D

Acq: 16 Nov 2015 21:26

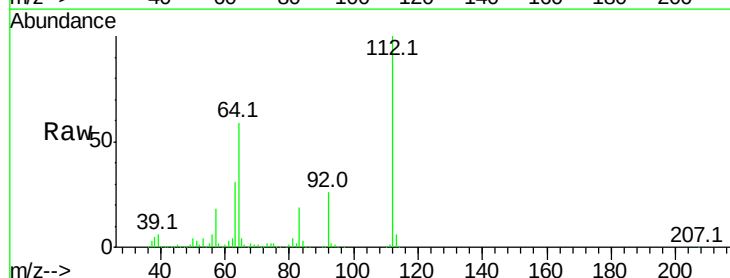
Tgt Ion:112 Resp: 430396

Ion Ratio Lower Upper

112 100

64 59.3 48.9 73.3

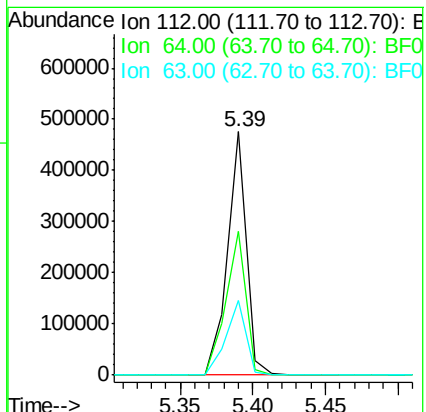
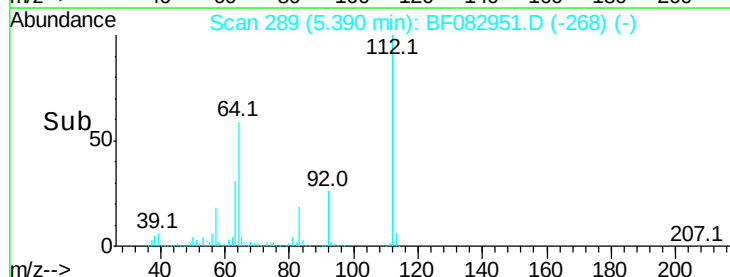
63 30.6 28.1 42.1

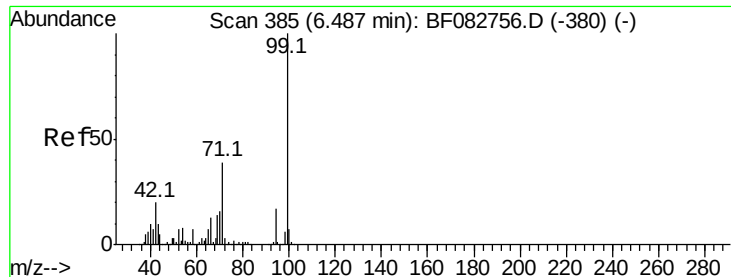


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.30 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082951.D

Acq: 16 Nov 2015 21:26

Instrument :

BNA_F

ClientSampleId :

EFF-151111-D8

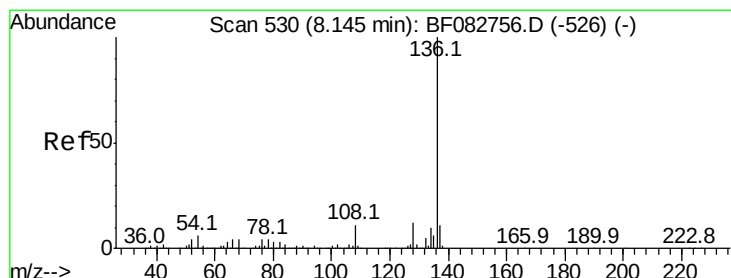
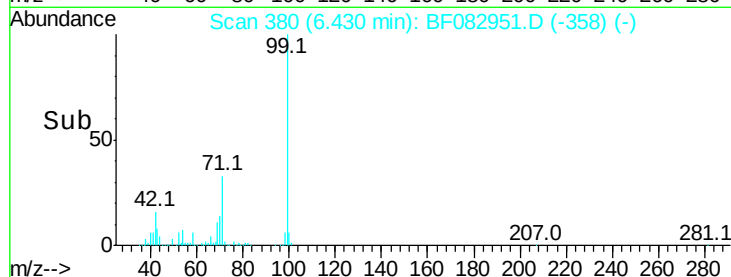
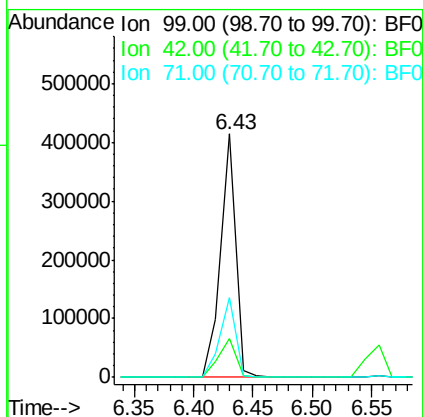
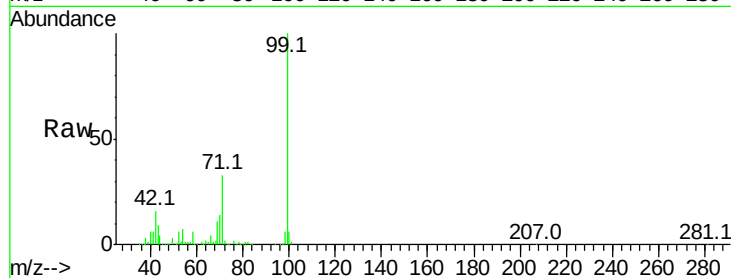
Tot Ion: 99 Resp: 364109

Ion Ratio Lower Upper

99 100

42 16.1 19.2 28.8#

71 32.8 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.08 min

Lab File: BF082951.D

Acq: 16 Nov 2015 21:26

Tgt Ion: 136 Resp: 775730

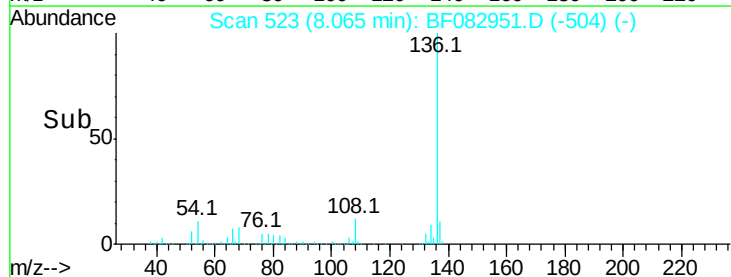
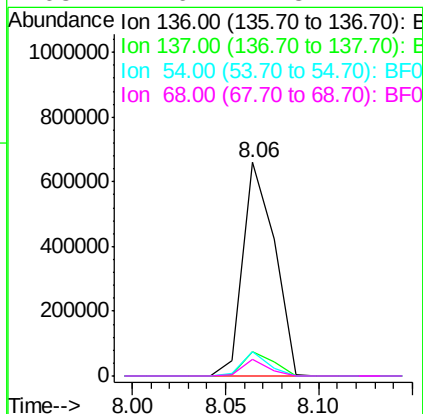
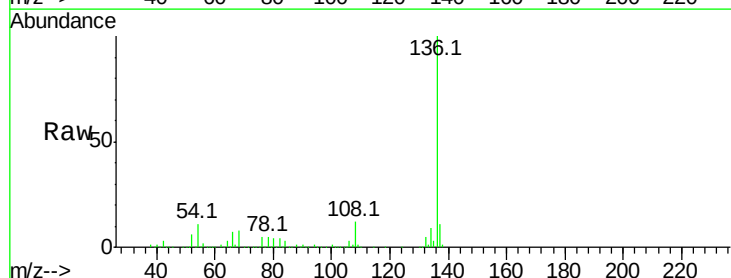
Ion Ratio Lower Upper

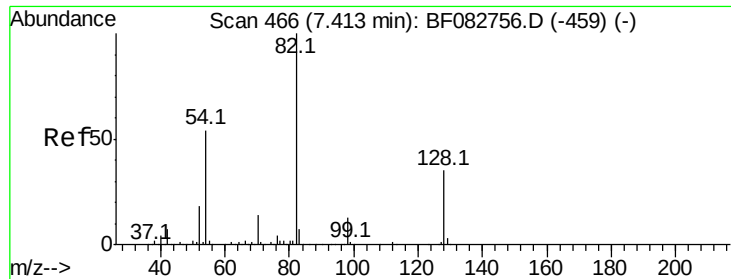
136 100

137 11.3 9.1 13.7

54 11.3 9.1 13.7

68 7.6 4.8 7.2#



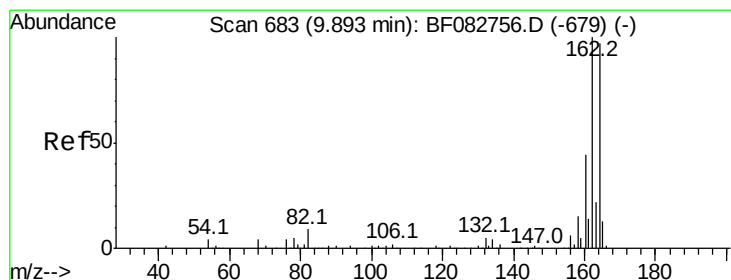
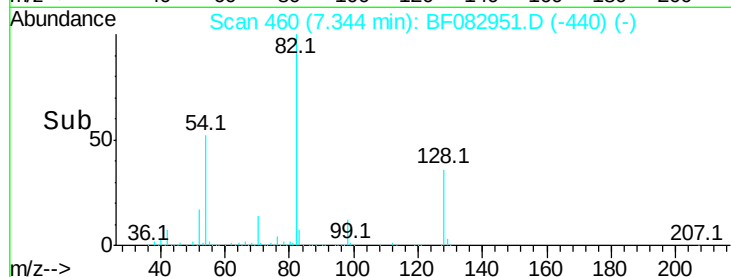
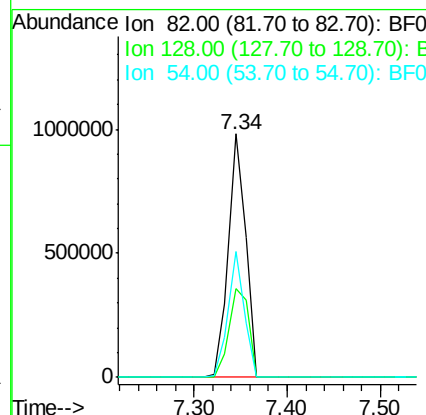
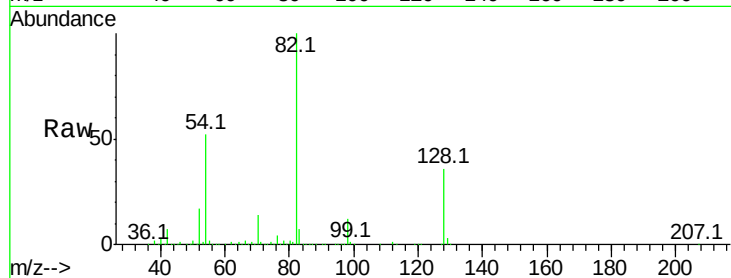


#23
 Nitrobenzene-d5
 Concen: 71.61 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 EFF-151111-D8

Tot Ion: 82 Resp: 1276575

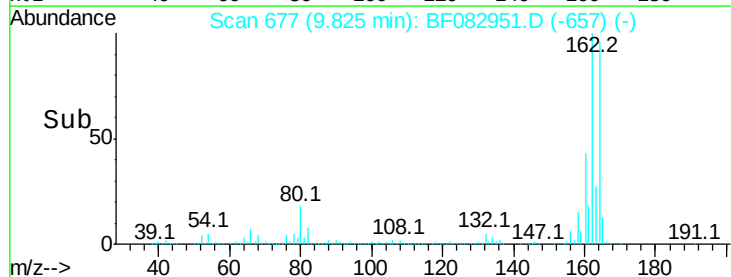
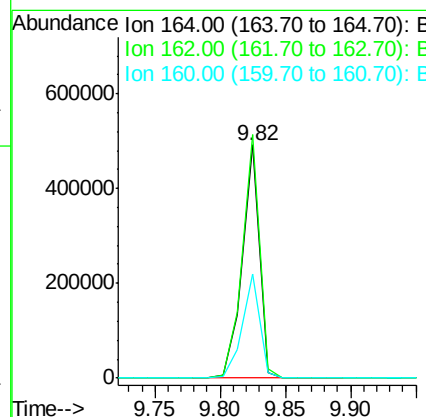
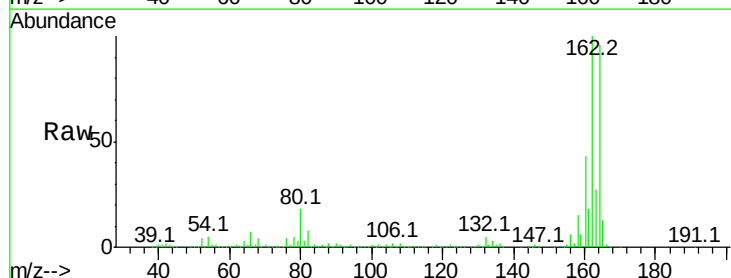
Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.8	40.2
54	51.7	45.7	68.5

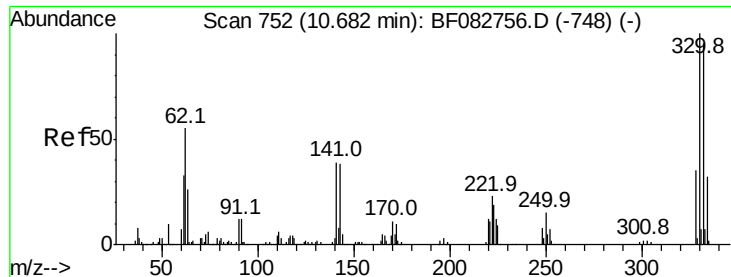


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

Tgt Ion:164 Resp: 443296

Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.9	127.3
160	44.9	37.5	56.3

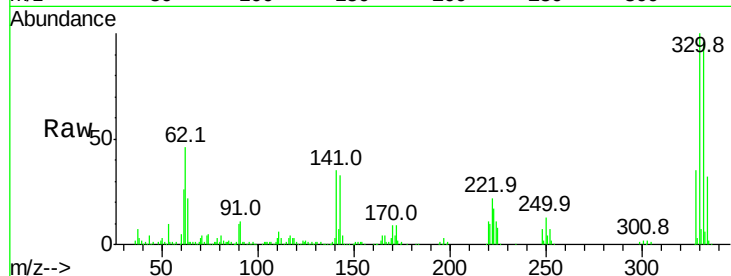




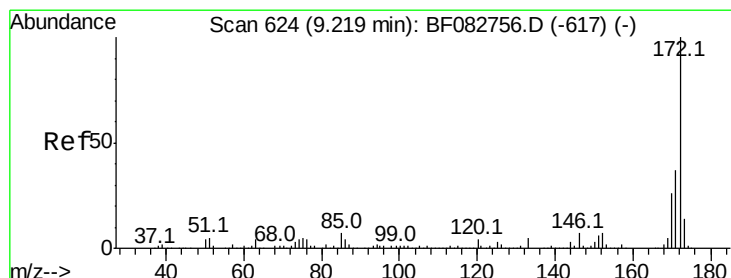
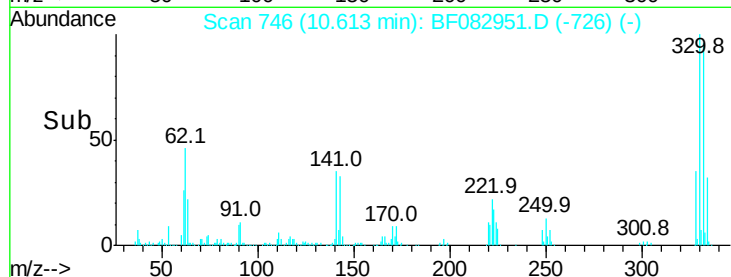
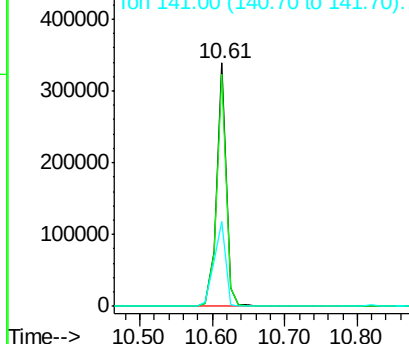
#41
 2,4,6-Tribromophenol
 Concen: 61.32 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 EFF-151111-D8

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	42.5	41.2	61.8

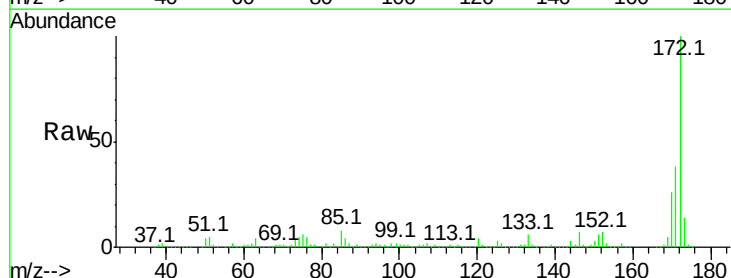


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

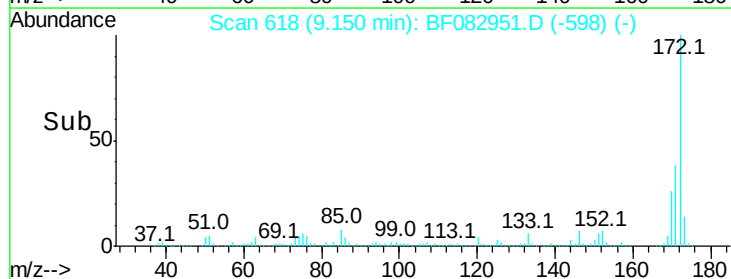
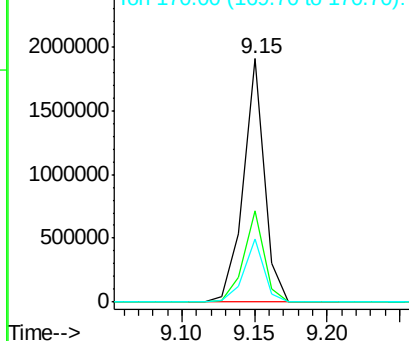


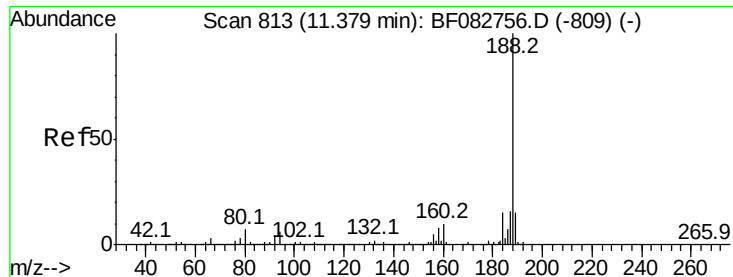
#44
 2-Fluorobiphenyl
 Concen: 62.21 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.9	21.2	31.8



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

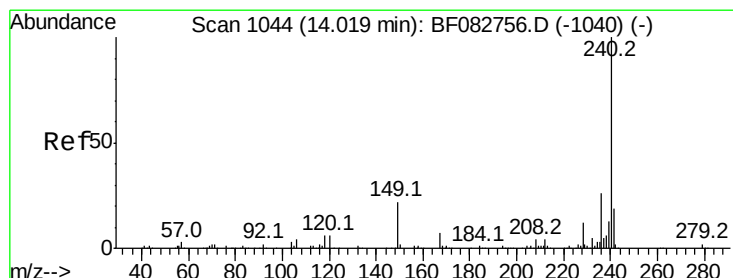
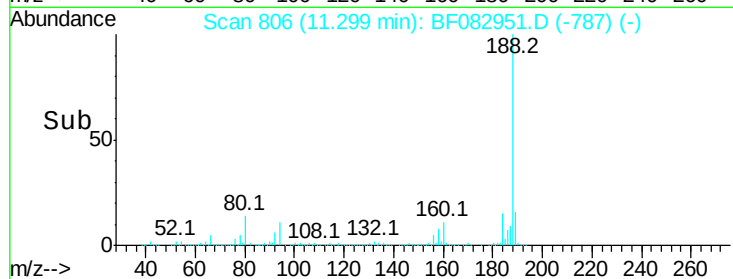
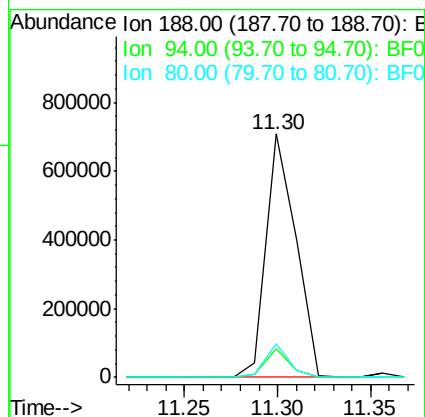
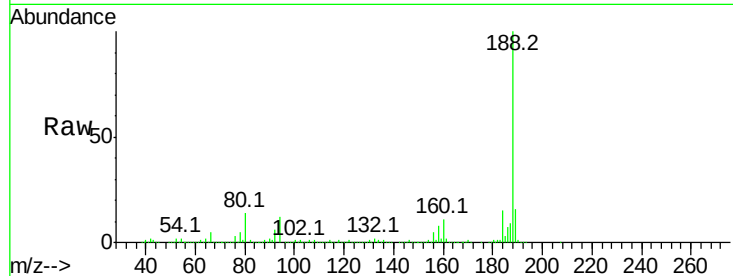




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF082951.D
Acq: 16 Nov 2015 21:26

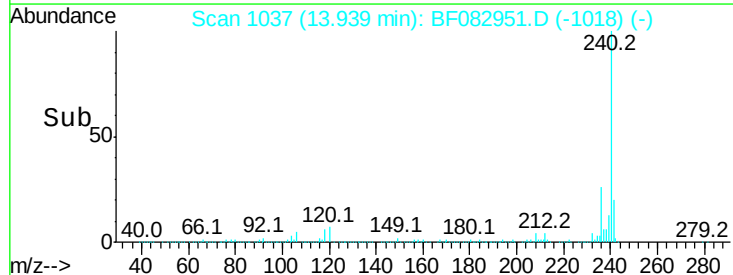
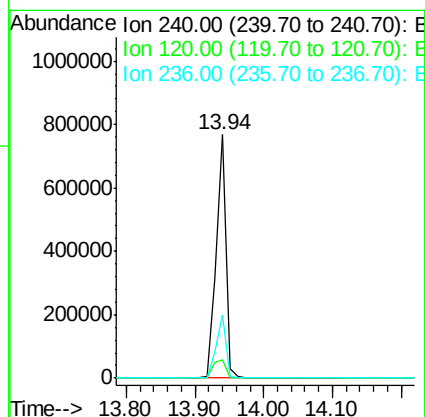
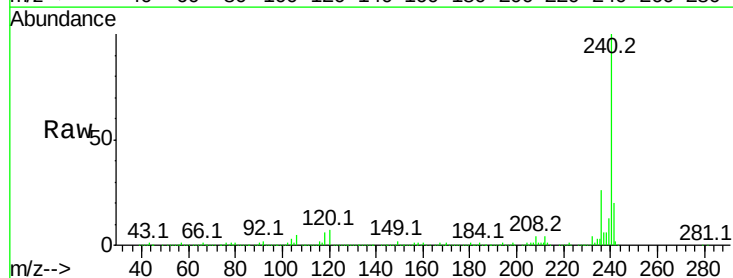
Instrument :
BNA_F
ClientSampleId :
EFF-151111-D8

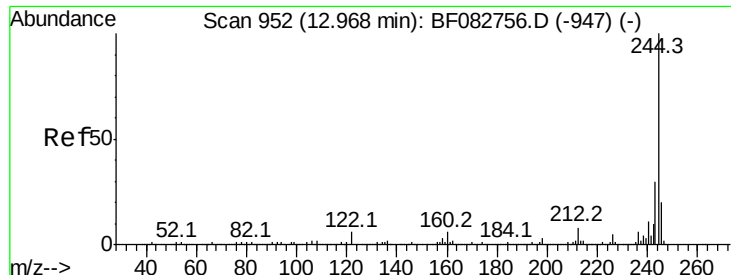
Tot Ion:188 Resp: 794494
Ion Ratio Lower Upper
188 100
94 11.6 6.1 9.1#
80 13.8 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF082951.D
Acq: 16 Nov 2015 21:26

Tgt Ion:240 Resp: 774799
Ion Ratio Lower Upper
240 100
120 7.5 10.9 16.3#
236 26.0 21.6 32.4





#78

Terphenyl-d14

Concen: 68.01 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082951.D

Acq: 16 Nov 2015 21:26

Instrument :

BNA_F

ClientSampleId :

EFF-151111-D8

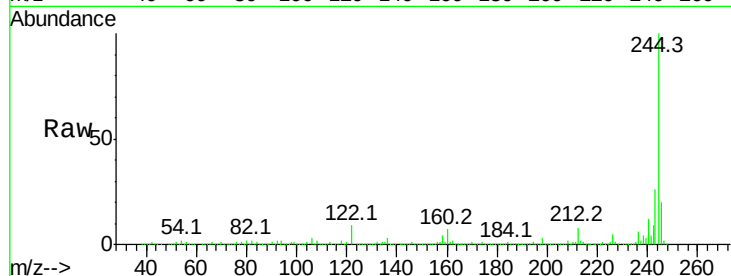
Tot Ion:244 Resp: 2221797

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

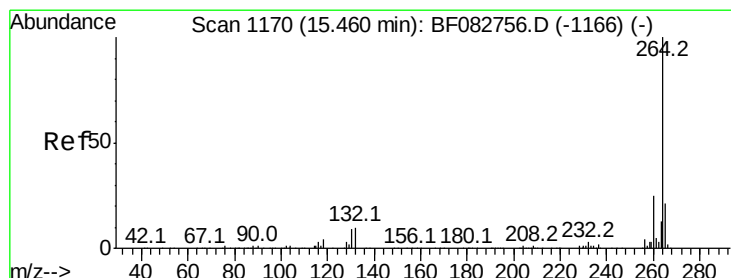
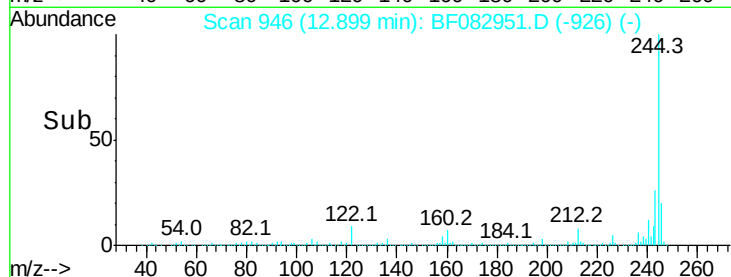
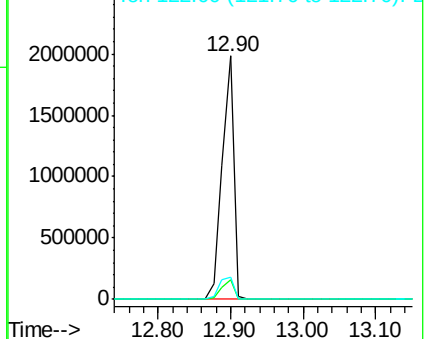
122 9.0 11.3 16.9#



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: 15.35 min Scan# 1160

Delta R.T. -0.11 min

Lab File: BF082951.D

Acq: 16 Nov 2015 21:26

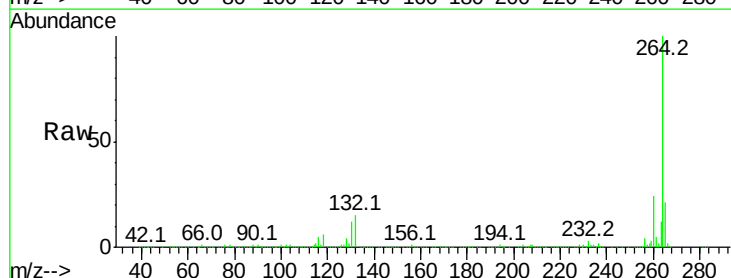
Tgt Ion:264 Resp: 587030

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 20.9 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

