

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082949.D
 Acq On : 16 Nov 2015 20:28
 Operator : UM/IZ
 Sample : G4429-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-D-M

Quant Time: Nov 17 07:36:11 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	206716	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	760539	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	442147	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	776275	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	758123	20.00	ng	-0.08
86) Perylene-d12	15.35	264	626314	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	512295	38.56	ng	-0.06
7) Phenol-d6	6.43	99	497945	28.19	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1294779	74.08	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	330778	65.25	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1979322	64.16	ng	-0.07
78) Terphenyl-d14	12.90	244	2266812	70.92	ng	-0.07

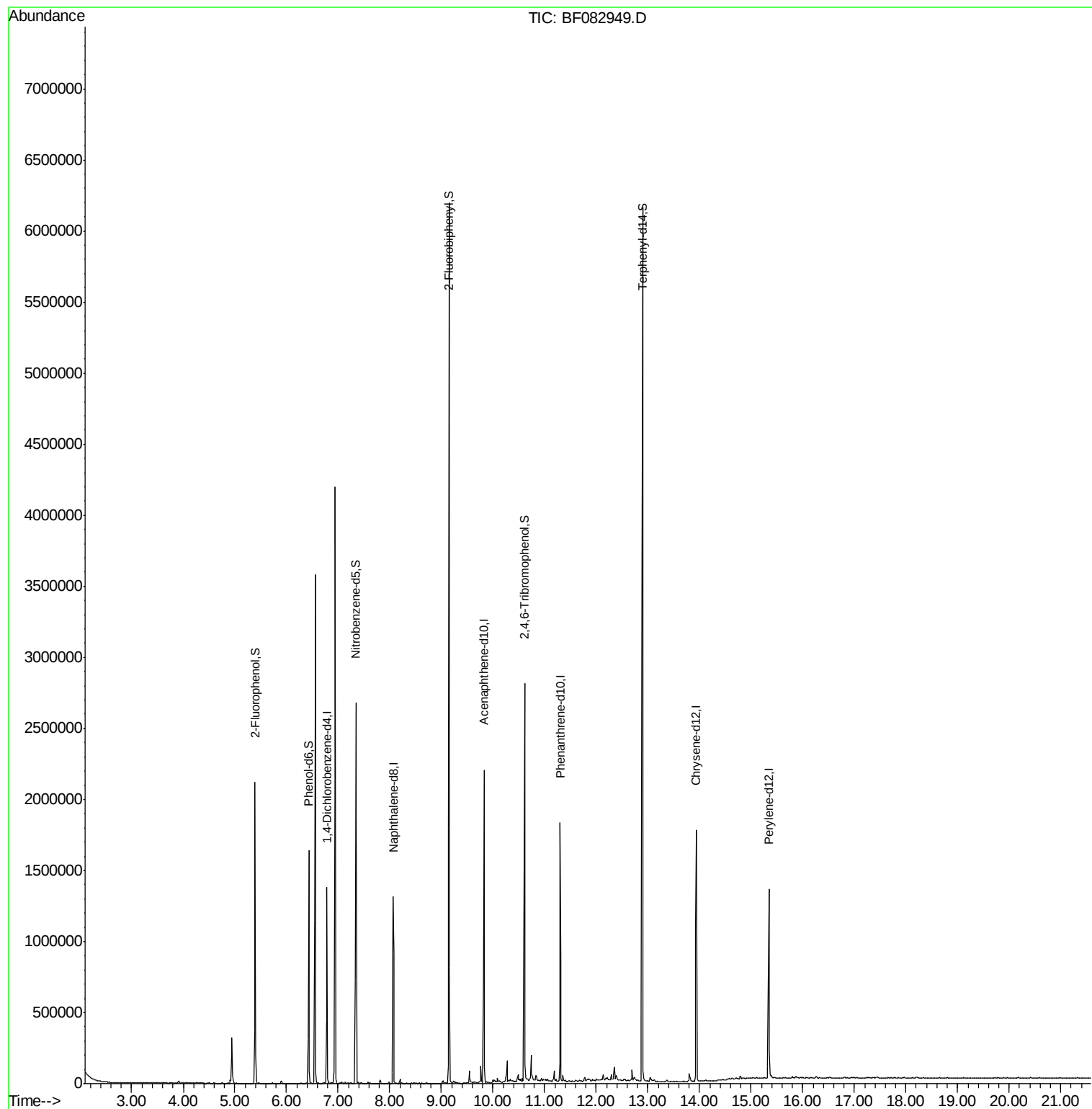
Target Compounds Qvalue

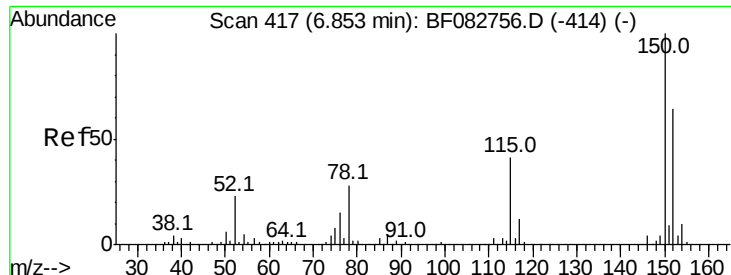
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082949.D

Acq: 16 Nov 2015 20:28

Instrument :

BNA_F

ClientSampleId :

111215-A263-E-D-M

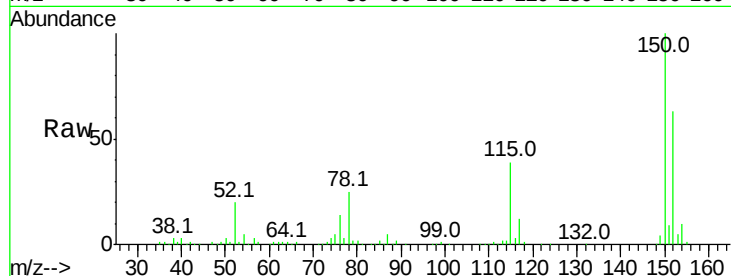
Tot Ion:152 Resp: 206716

Ion Ratio Lower Upper

152 100

150 157.8 127.0 190.4

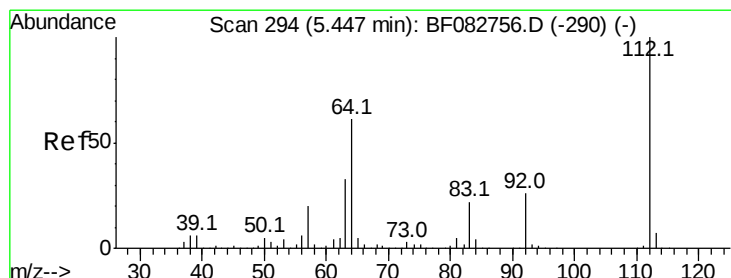
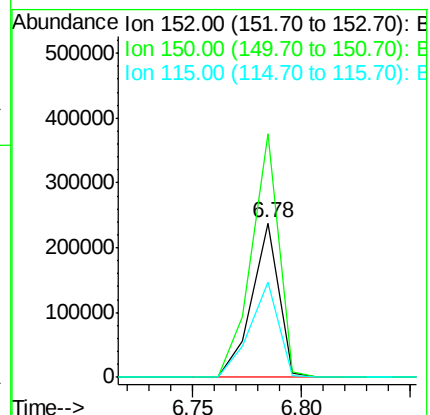
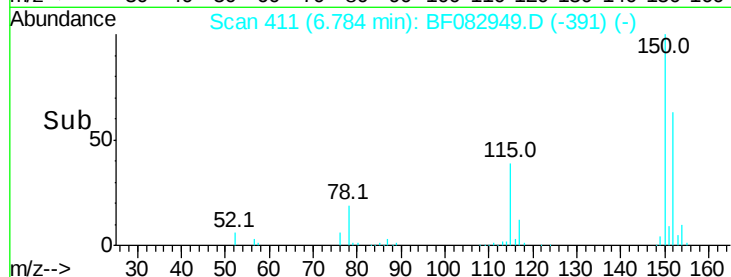
115 61.3 47.0 70.6



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: 38.56 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082949.D

Acq: 16 Nov 2015 20:28

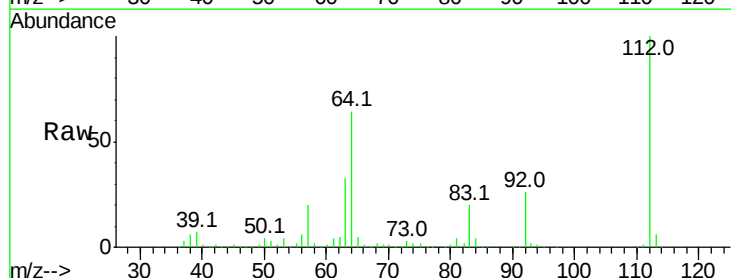
Tgt Ion:112 Resp: 512295

Ion Ratio Lower Upper

112 100

64 64.2 48.9 73.3

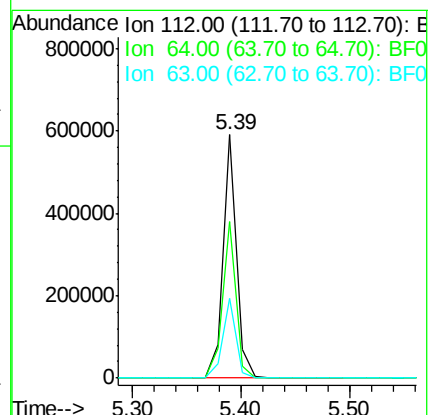
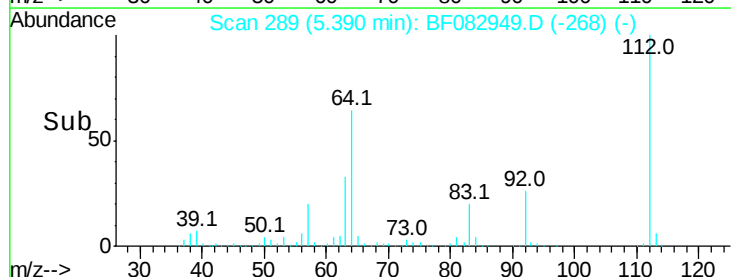
63 32.5 28.1 42.1

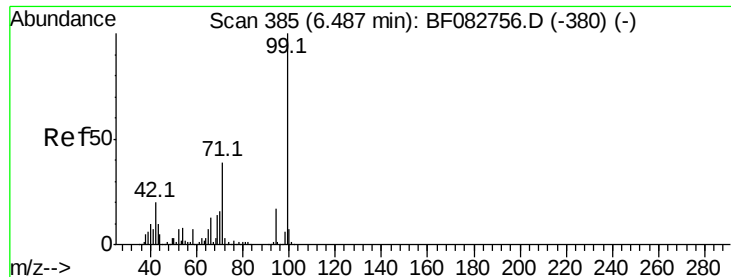


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.19 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082949.D

Acq: 16 Nov 2015 20:28

Instrument :

BNA_F

ClientSampleId :

111215-A263-E-D-M

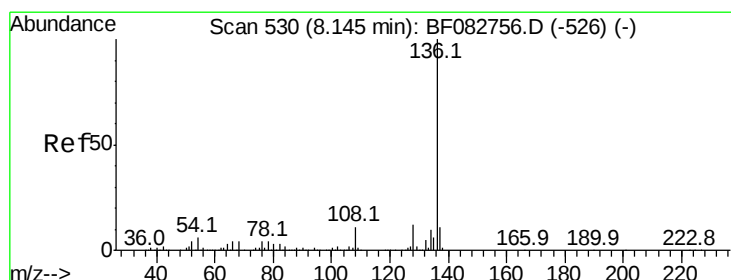
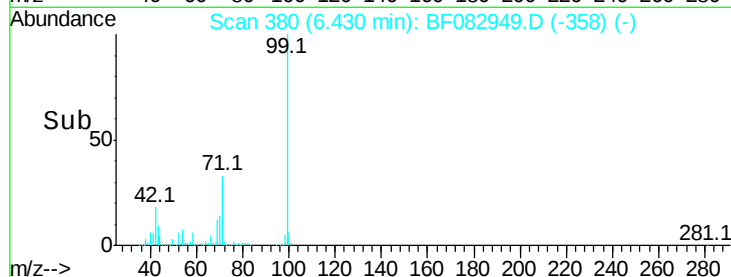
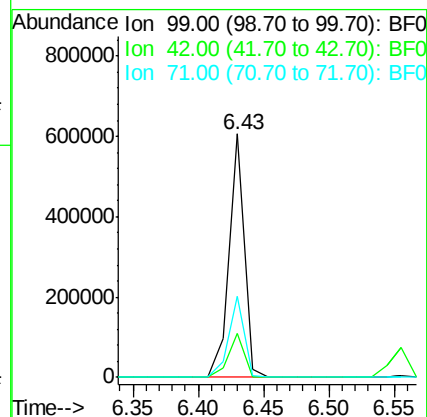
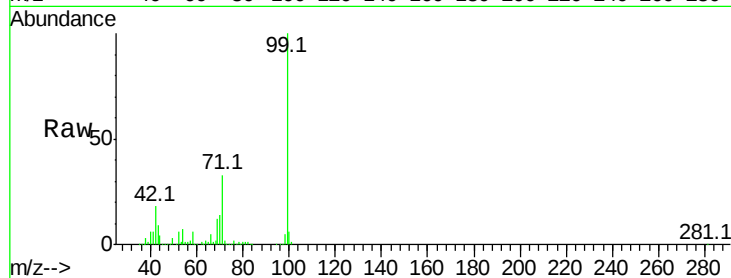
Tot Ion: 99 Resp: 497945

Ion Ratio Lower Upper

99 100

42 17.9 19.2 28.8#

71 33.5 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: BF082949.D

Acq: 16 Nov 2015 20:28

Tgt Ion: 136 Resp: 760539

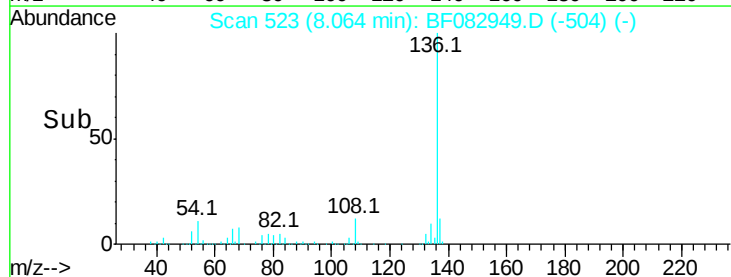
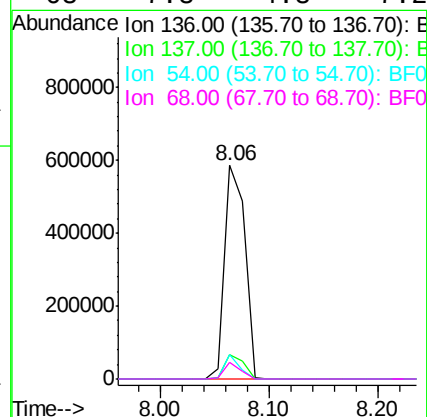
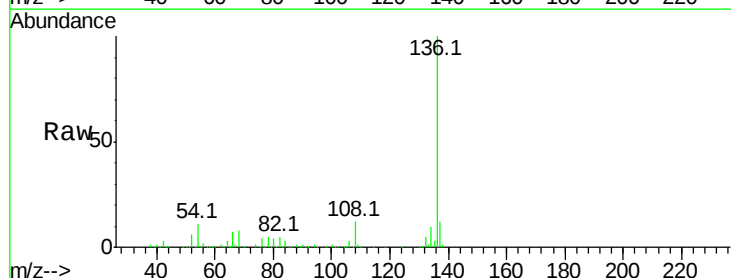
Ion Ratio Lower Upper

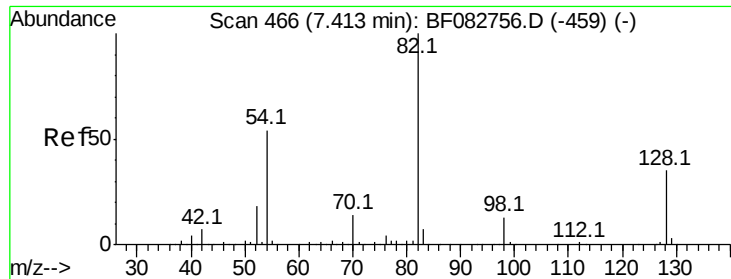
136 100

137 11.6 9.1 13.7

54 11.5 9.1 13.7

68 7.8 4.8 7.2#

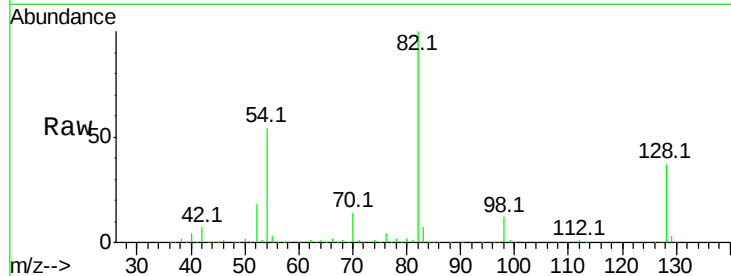




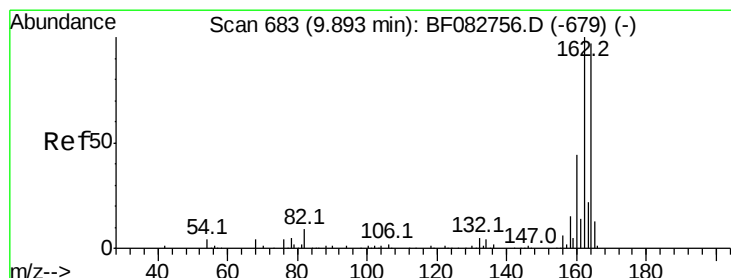
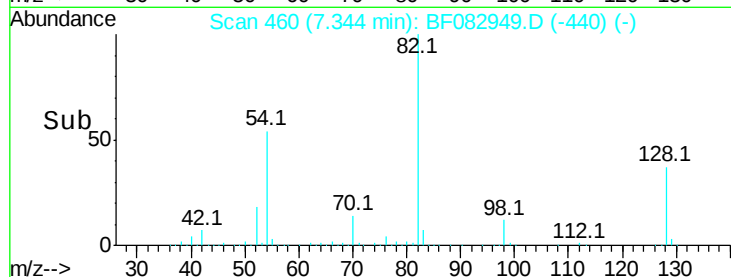
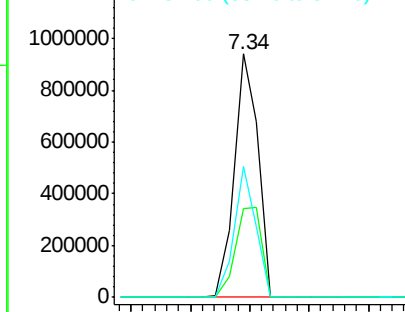
#23
 Nitrobenzene-d5
 Concen: 74.08 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-D-M

Tot Ion: 82 Resp: 1294779
 Ion Ratio Lower Upper
 82 100
 128 36.7 26.8 40.2
 54 53.6 45.7 68.5

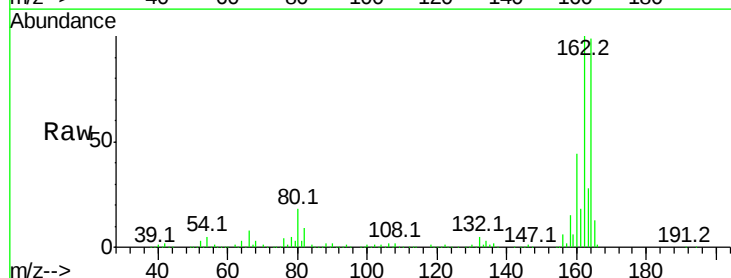


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

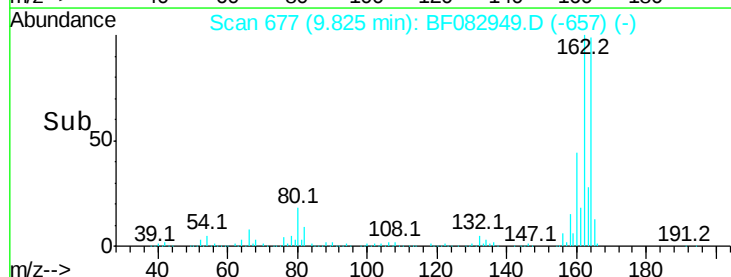
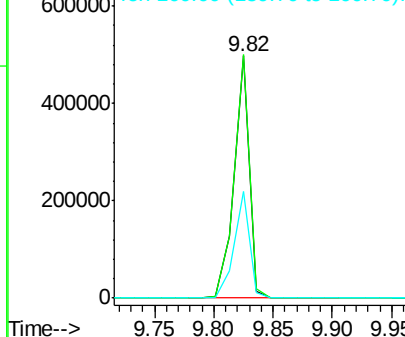


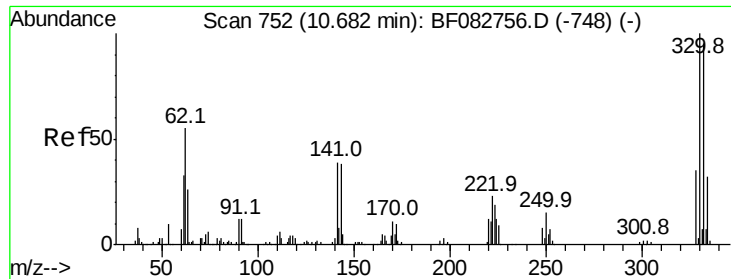
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Tgt Ion: 164 Resp: 442147
 Ion Ratio Lower Upper
 164 100
 162 100.7 84.9 127.3
 160 44.0 37.5 56.3



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

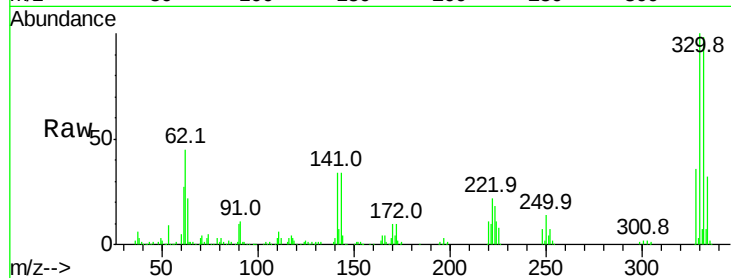




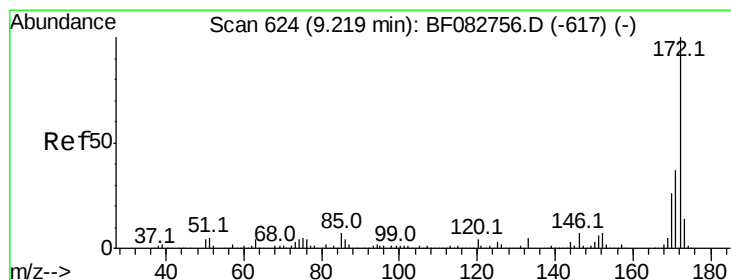
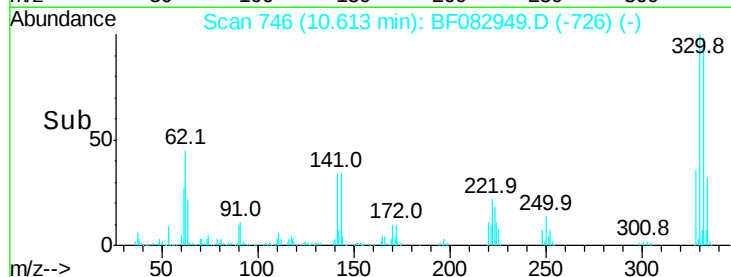
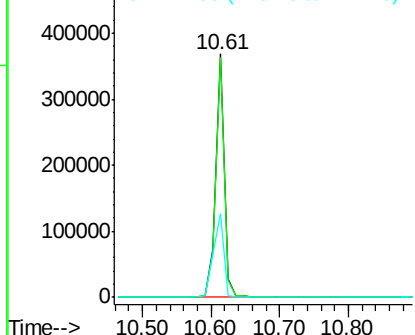
#41
 2,4,6-Tribromophenol
 Concen: 65.25 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	41.7	41.2	61.8

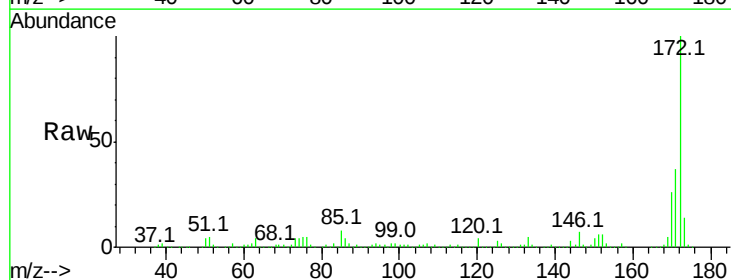


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

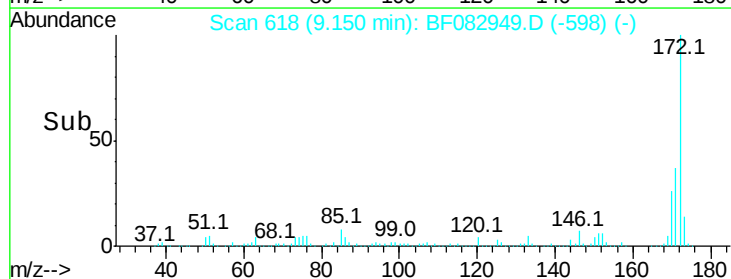
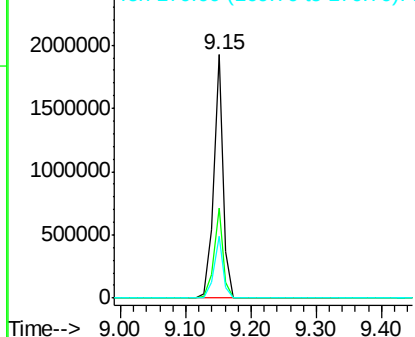


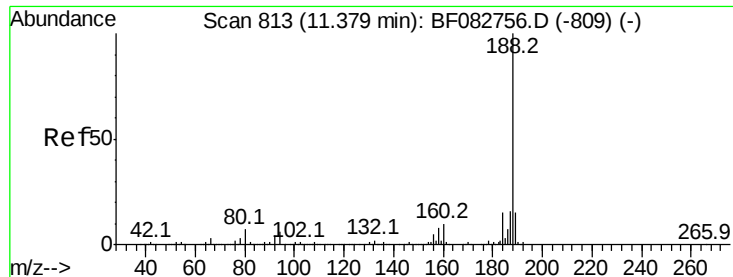
#44
 2-Fluorobiphenyl
 Concen: 64.16 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	25.6	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

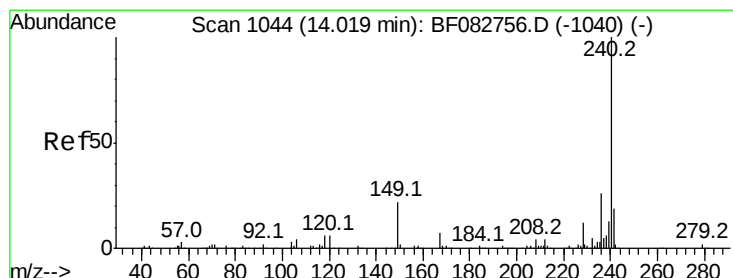
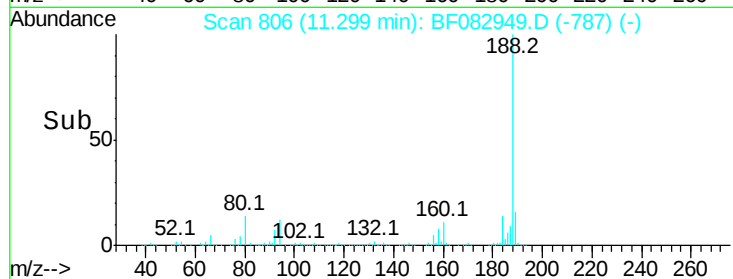
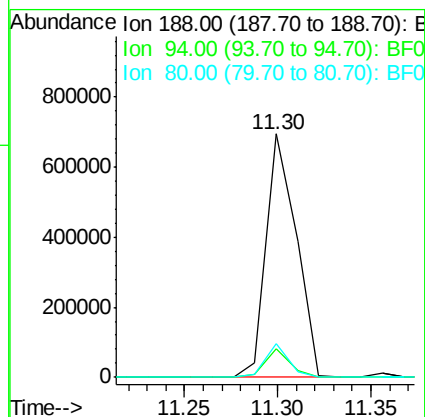
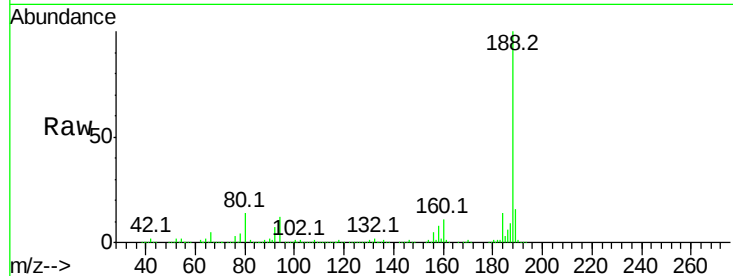




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF082949.D
Acq: 16 Nov 2015 20:28

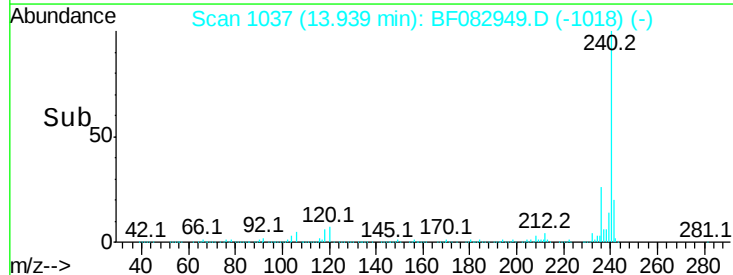
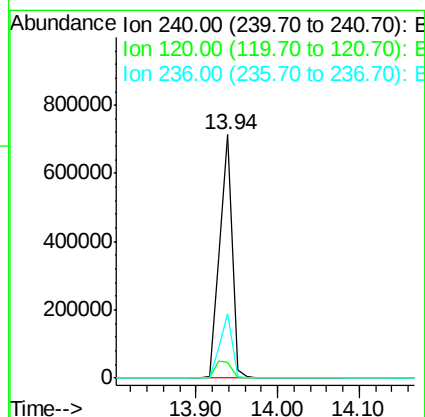
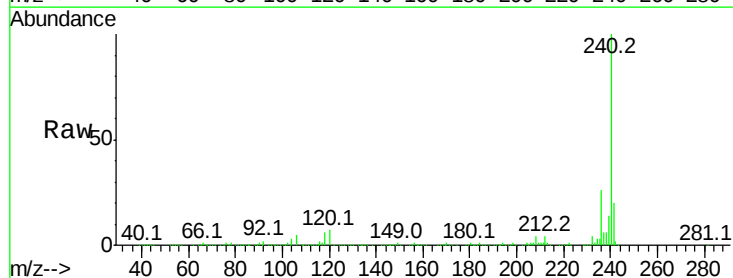
Instrument :
BNA_F
ClientSampleId :
111215-A263-E-D-M

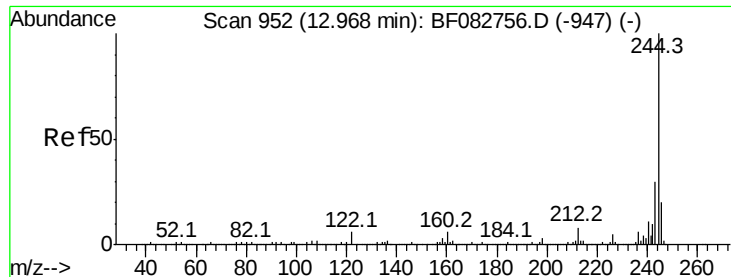
Tot Ion:188 Resp: 776275
Ion Ratio Lower Upper
188 100
94 11.9 6.1 9.1#
80 13.7 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF082949.D
Acq: 16 Nov 2015 20:28

Tgt Ion:240 Resp: 758123
Ion Ratio Lower Upper
240 100
120 6.5 10.9 16.3#
236 26.2 21.6 32.4



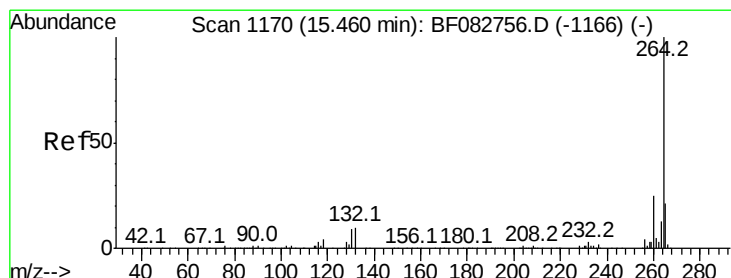
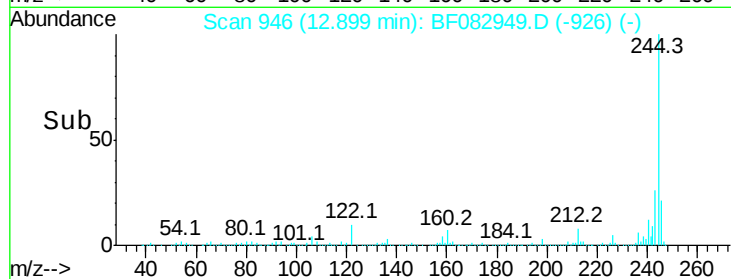
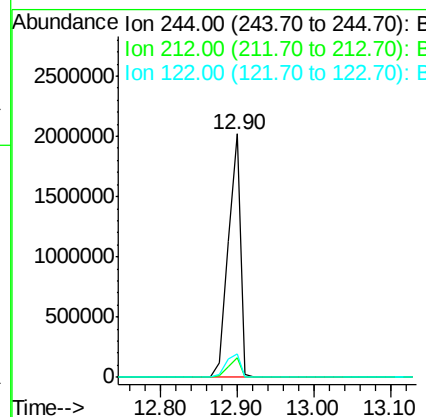
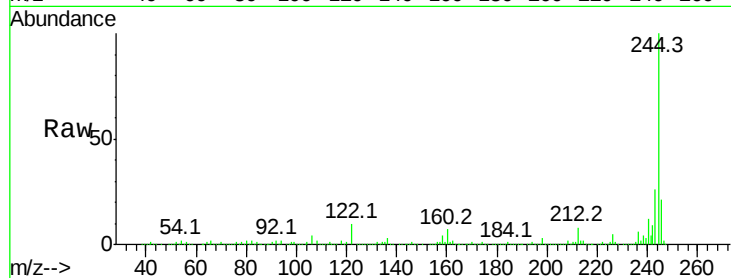


#78
 Terphenyl-d14
 Concen: 70.92 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-D-M

Tot Ion:244 Resp: 2266812

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.6	11.4
122	9.8	11.3	16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.11 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Tgt Ion:264 Resp: 626314

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.2	17.4	26.0

