

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082925.D
 Acq On : 14 Nov 2015 5:43
 Operator : UM/IZ
 Sample : G4383-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-08

Quant Time: Nov 16 00:21:57 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	6.81	152	200450	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	690272	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	361698	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	611743	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	392848	20.00	ng	-0.06
86) Perylene-d12	15.38	264	393997	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	760003	58.99	ng	-0.02
7) Phenol-d6	6.46	99	810874	47.35	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1279544	80.66	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	459355	110.76	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1820180	72.12	ng	-0.05
78) Terphenyl-d14	12.92	244	1627411	98.25	ng	-0.04

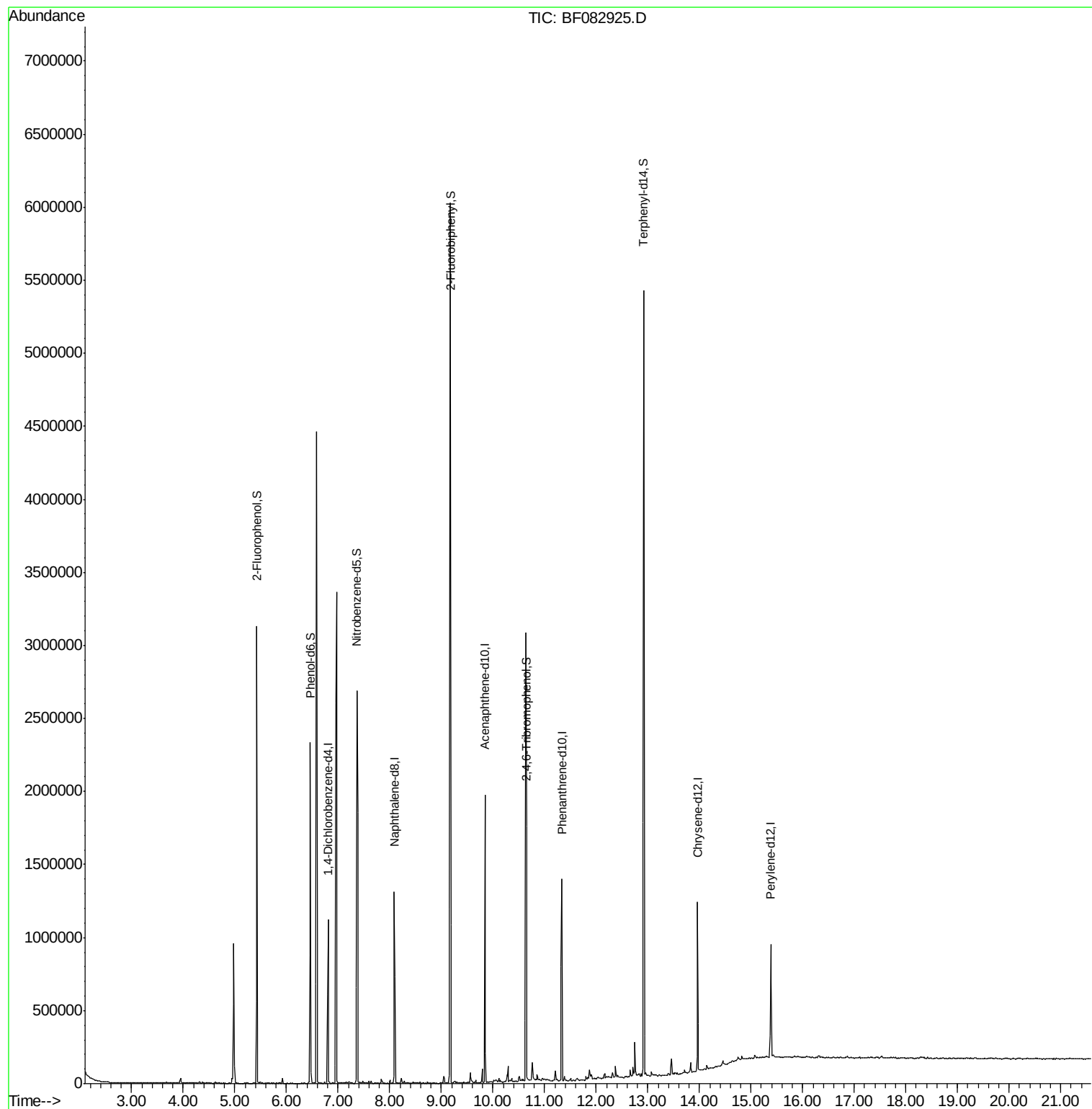
Target Compounds	Qvalue
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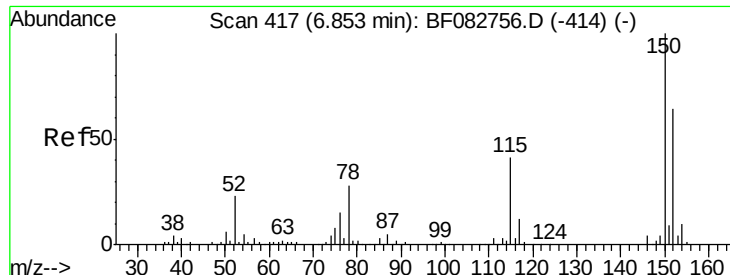
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

Instrument :

BNA_F

ClientSampleId :

URS-MW-08

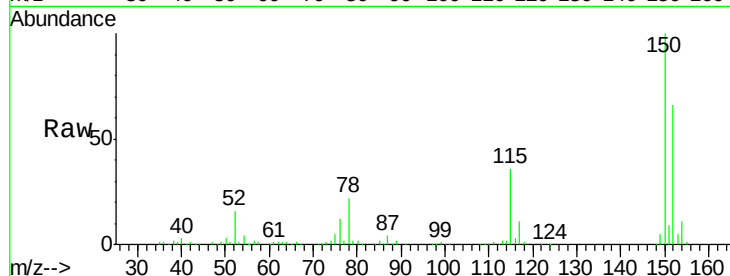
Tgt Ion:152 Resp: 200450

Ion Ratio Lower Upper

152 100

150 152.6 127.0 190.4

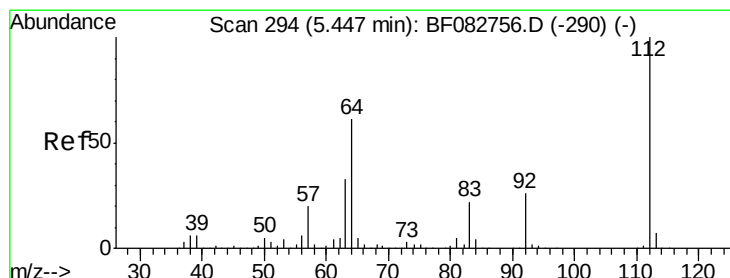
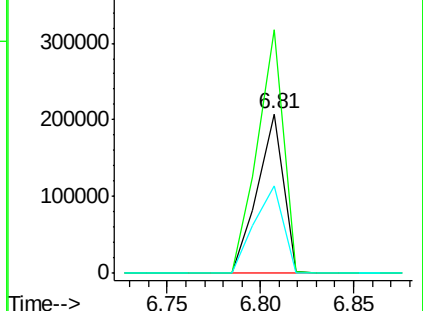
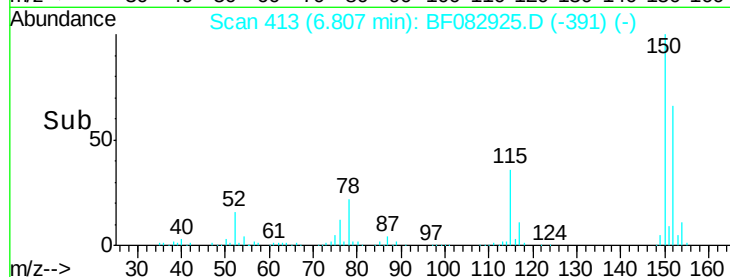
115 55.1 47.0 70.6



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: 58.99 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

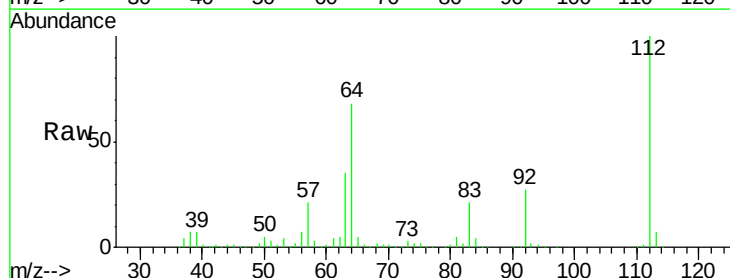
Tgt Ion:112 Resp: 760003

Ion Ratio Lower Upper

112 100

64 67.7 48.9 73.3

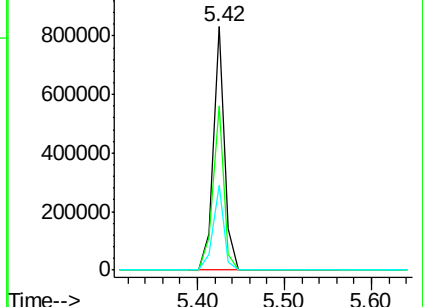
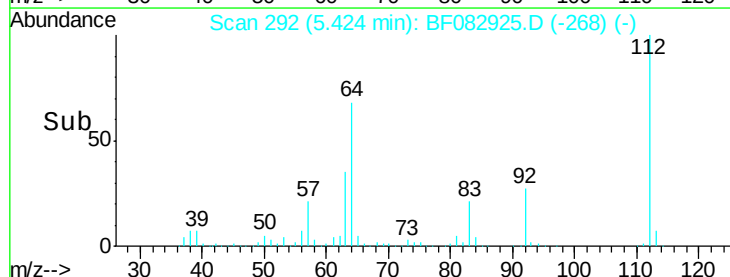
63 35.0 28.1 42.1

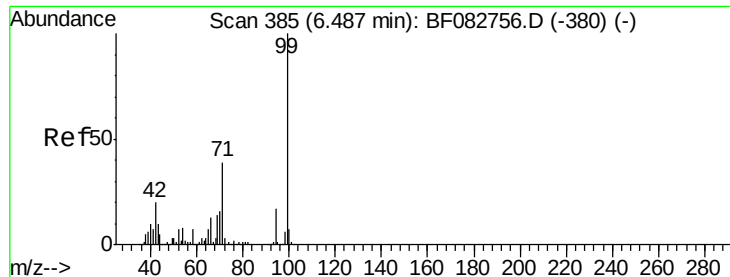


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.35 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

Instrument :

BNA_F

ClientSampled :

URS-MW-08

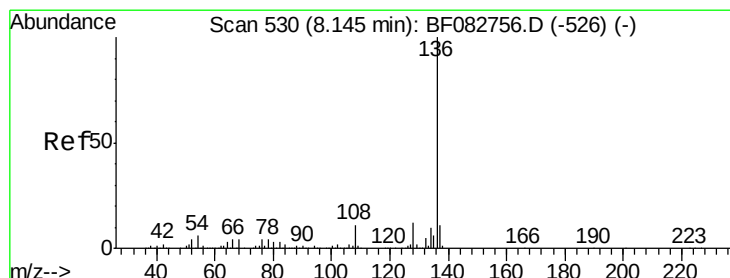
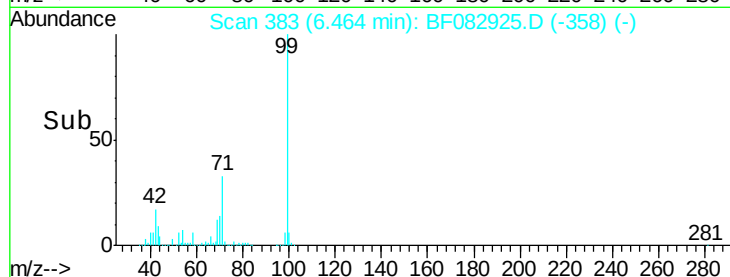
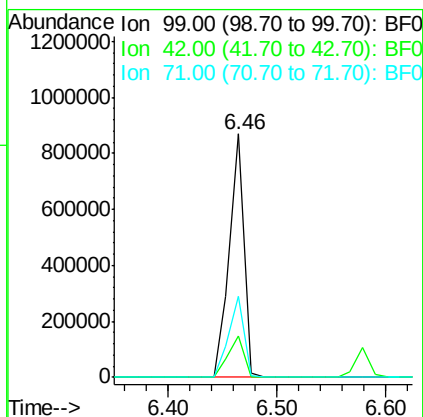
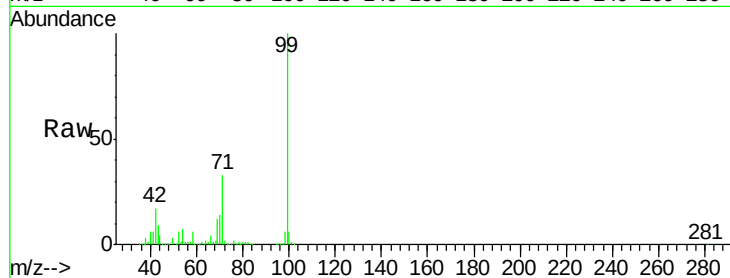
Tgt Ion: 99 Resp: 810874

Ion Ratio Lower Upper

99 100

42 17.0 19.2 28.8#

71 33.3 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

Tgt Ion: 136 Resp: 690272

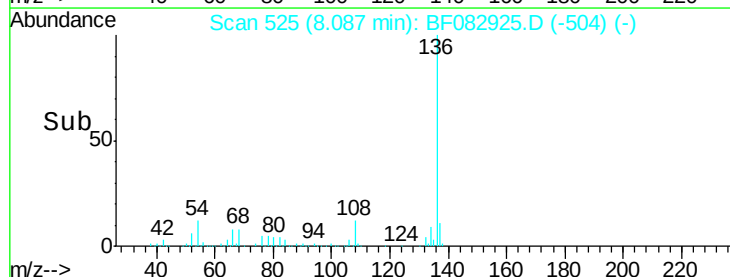
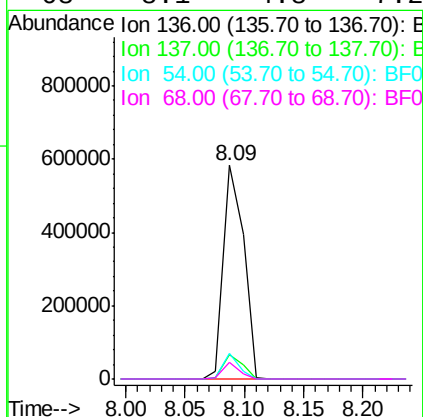
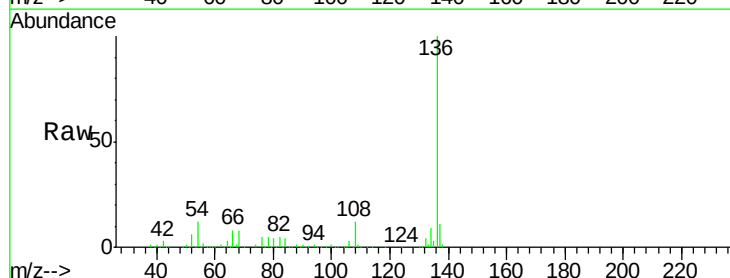
Ion Ratio Lower Upper

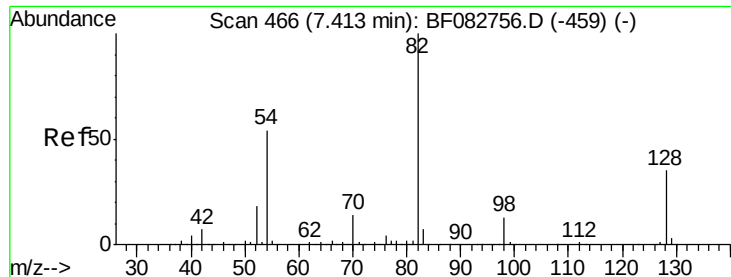
136 100

137 11.5 9.1 13.7

54 11.8 9.1 13.7

68 8.1 4.8 7.2#

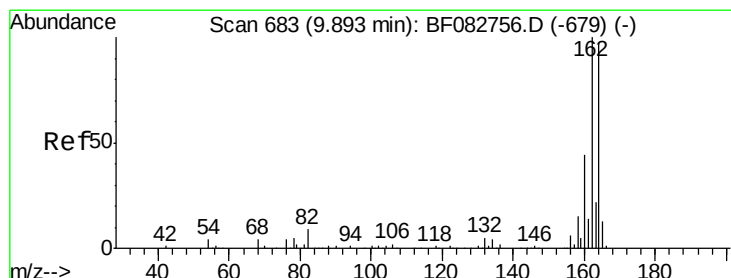
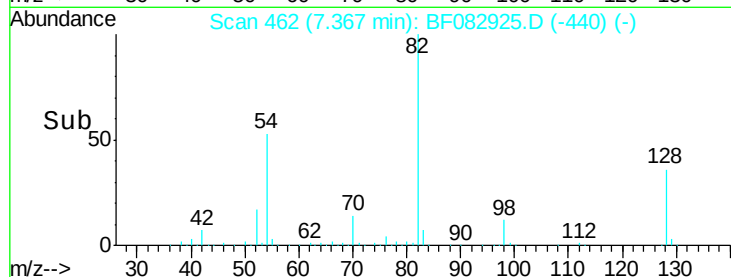
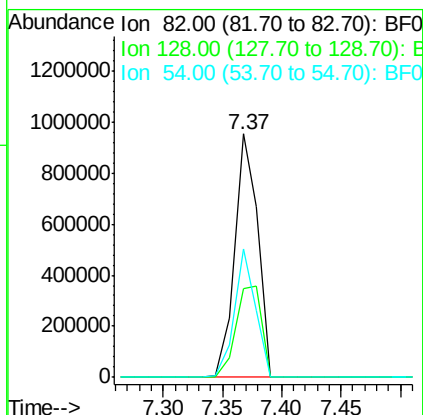
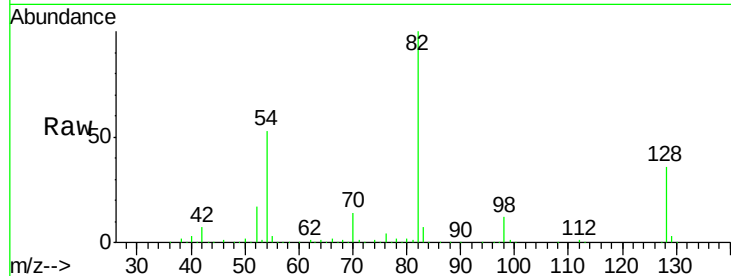




#23
Nitrobenzene-d5
Concen: 80.66 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082925.D
Acq: 14 Nov 2015 5:43

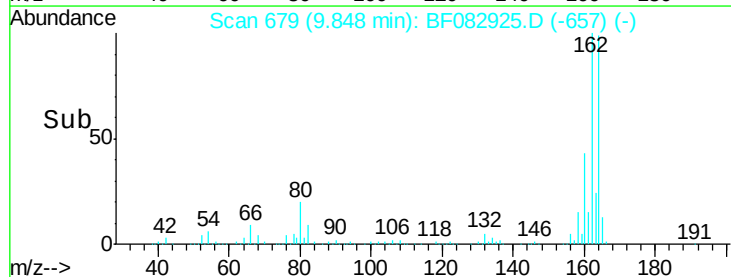
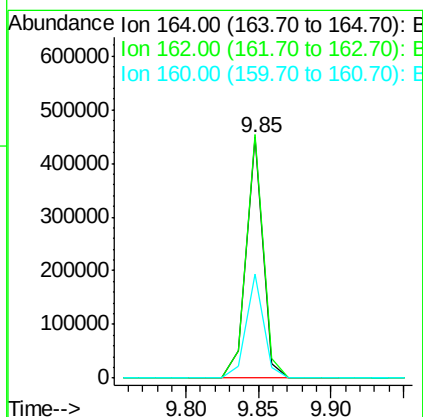
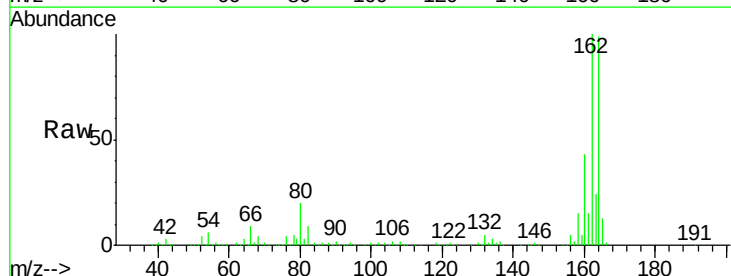
Instrument :
BNA_F
ClientSampleId :
URS-MW-08

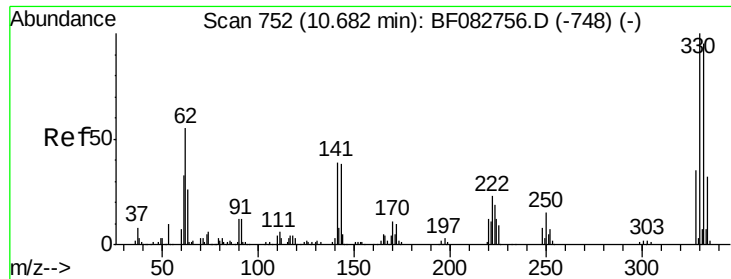
Tgt Ion: 82 Resp: 1279544
Ion Ratio Lower Upper
82 100
128 36.4 26.8 40.2
54 52.6 45.7 68.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082925.D
Acq: 14 Nov 2015 5:43

Tgt Ion: 164 Resp: 361698
Ion Ratio Lower Upper
164 100
162 101.1 84.9 127.3
160 43.3 37.5 56.3

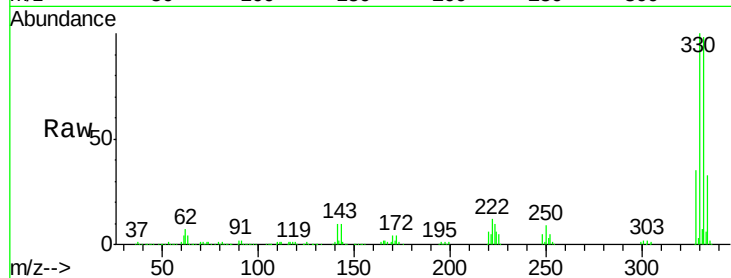




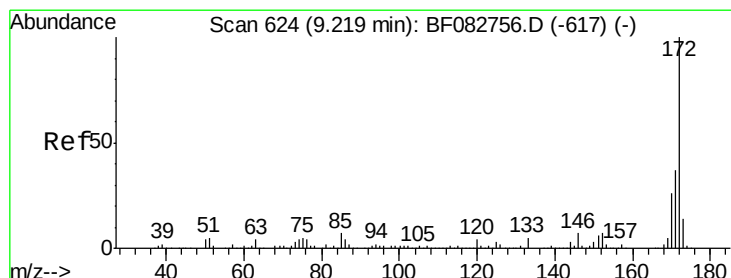
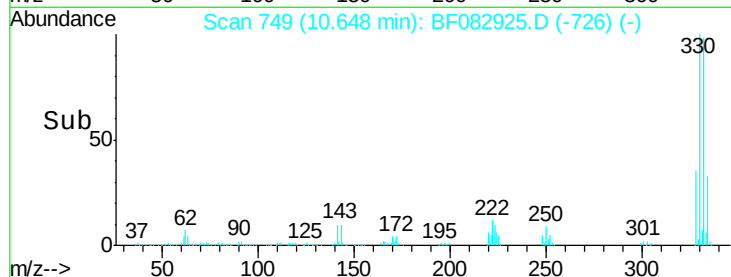
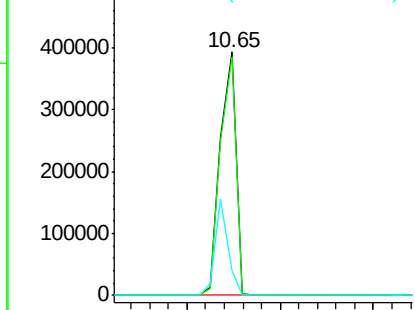
#41
 2,4,6-Tribromophenol
 Concen: 110.76 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082925.D
 Acq: 14 Nov 2015 5:43

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-08

Tgt Ion:330 Resp: 459355
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 32.6 41.2 61.8#

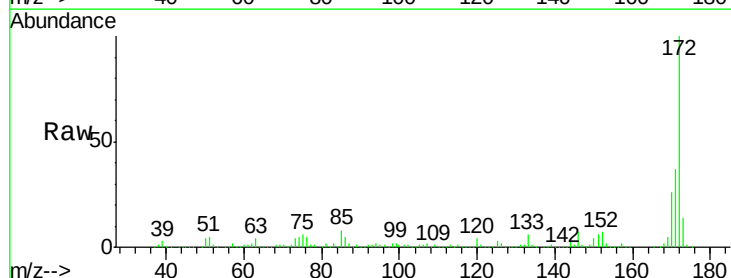


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

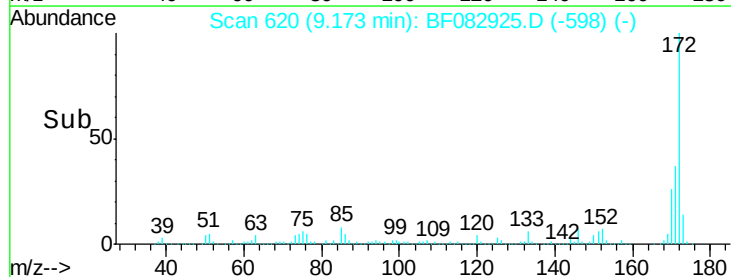
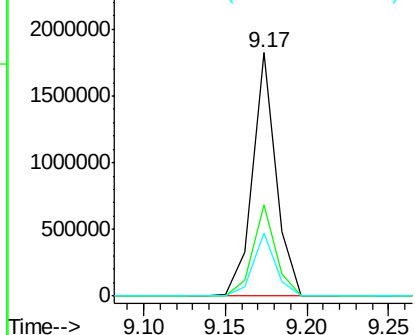


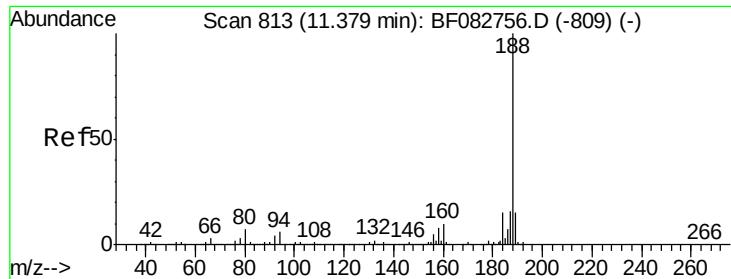
#44
 2-Fluorobiphenyl
 Concen: 72.12 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082925.D
 Acq: 14 Nov 2015 5:43

Tgt Ion:172 Resp: 1820180
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.7 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

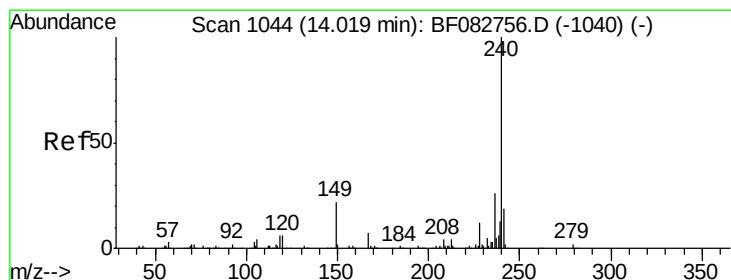
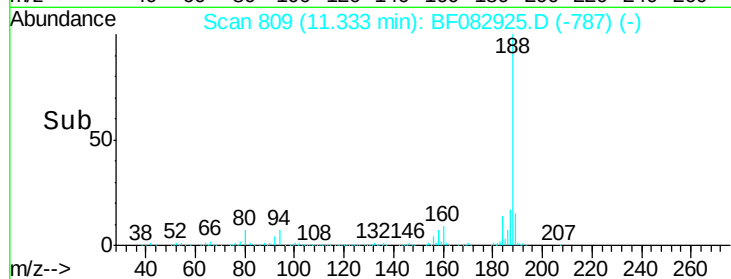
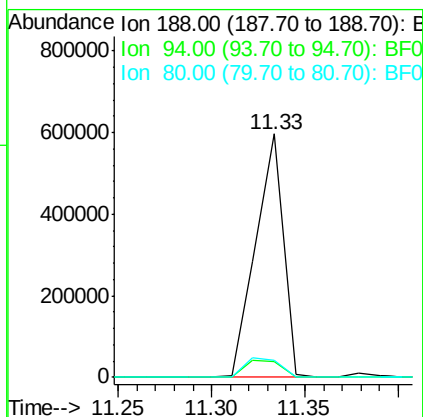
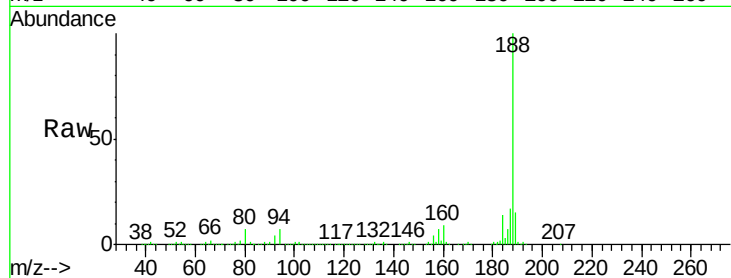




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082925.D
Acq: 14 Nov 2015 5:43

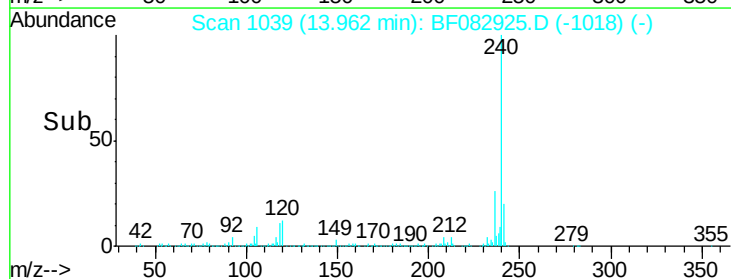
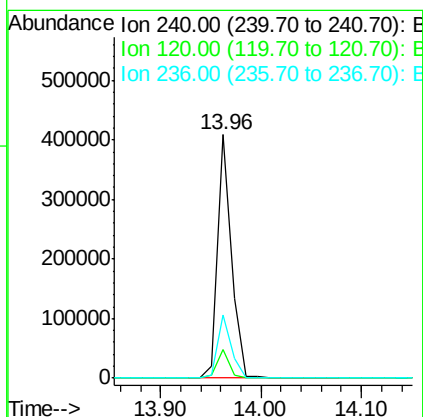
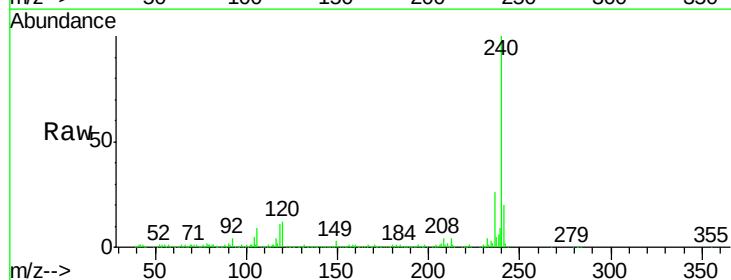
Instrument :
BNA_F
ClientSampleId :
URS-MW-08

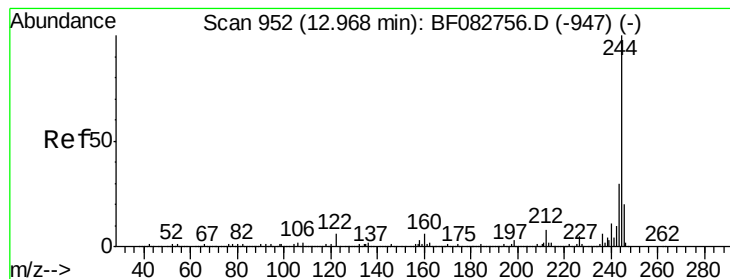
Tgt Ion:188 Resp: 611743
Ion Ratio Lower Upper
188 100
94 6.5 6.1 9.1
80 7.1 7.0 10.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082925.D
Acq: 14 Nov 2015 5:43

Tgt Ion:240 Resp: 392848
Ion Ratio Lower Upper
240 100
120 11.8 10.9 16.3
236 26.0 21.6 32.4





#78

Terphenyl-d14

Concen: 98.25 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

Instrument :

BNA_F

ClientSampleId :

URS-MW-08

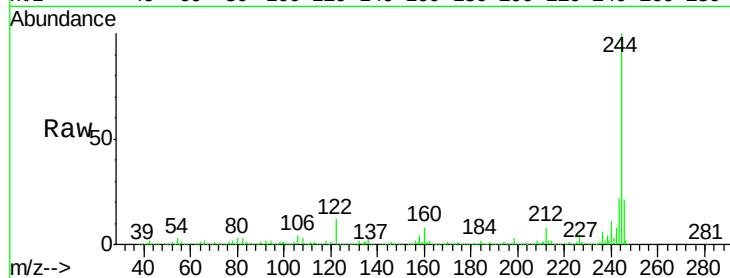
Tgt Ion:244 Resp: 1627411

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

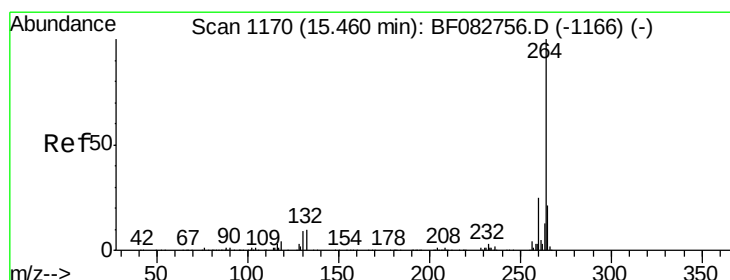
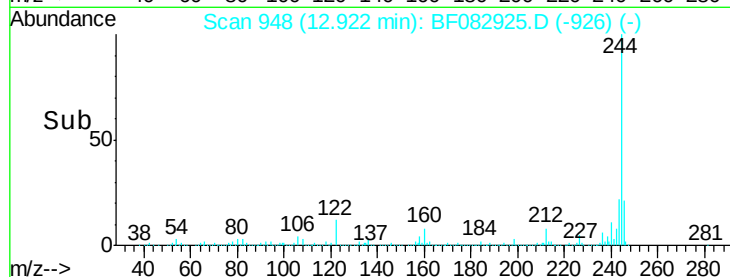
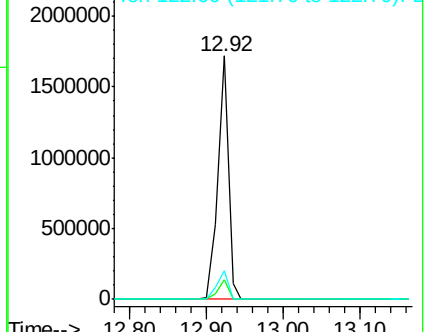
122 11.8 11.3 16.9



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: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

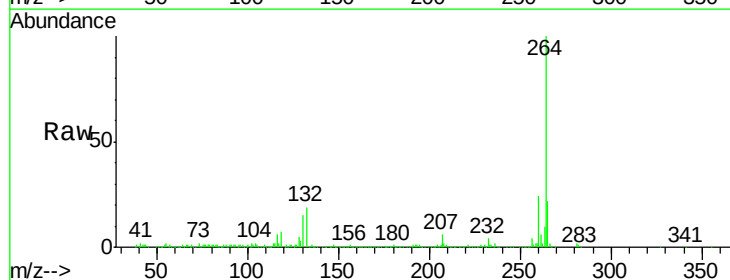
Tgt Ion:264 Resp: 393997

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 22.1 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

