

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079938.D
 Acq On : 12 Jun 2015 16:22
 Operator : TP/IZ
 Sample : PB83955BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BL

Manual Integrations
 APPROVED

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Quant Time: Jun 12 23:23:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	48030	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	182427	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	97239	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	205549	20.00	ng	-0.03
75) Chrysene-d12	14.89	240	229606m	20.00	ng	-0.25
86) Perylene-d12	16.78	264	221482m	20.00	ng	-0.32
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	348241	132.95	ng	0.00
7) Phenol-d6	6.97	99	417204	116.91	ng	0.00
23) Nitrobenzene-d5	7.93	82	241797	87.45	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	104156	106.89	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	548386	78.97	ng	0.00
78) Terphenyl-d14	13.62	244	710058	71.30	ng	-0.15

Target Compounds Qvalue

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

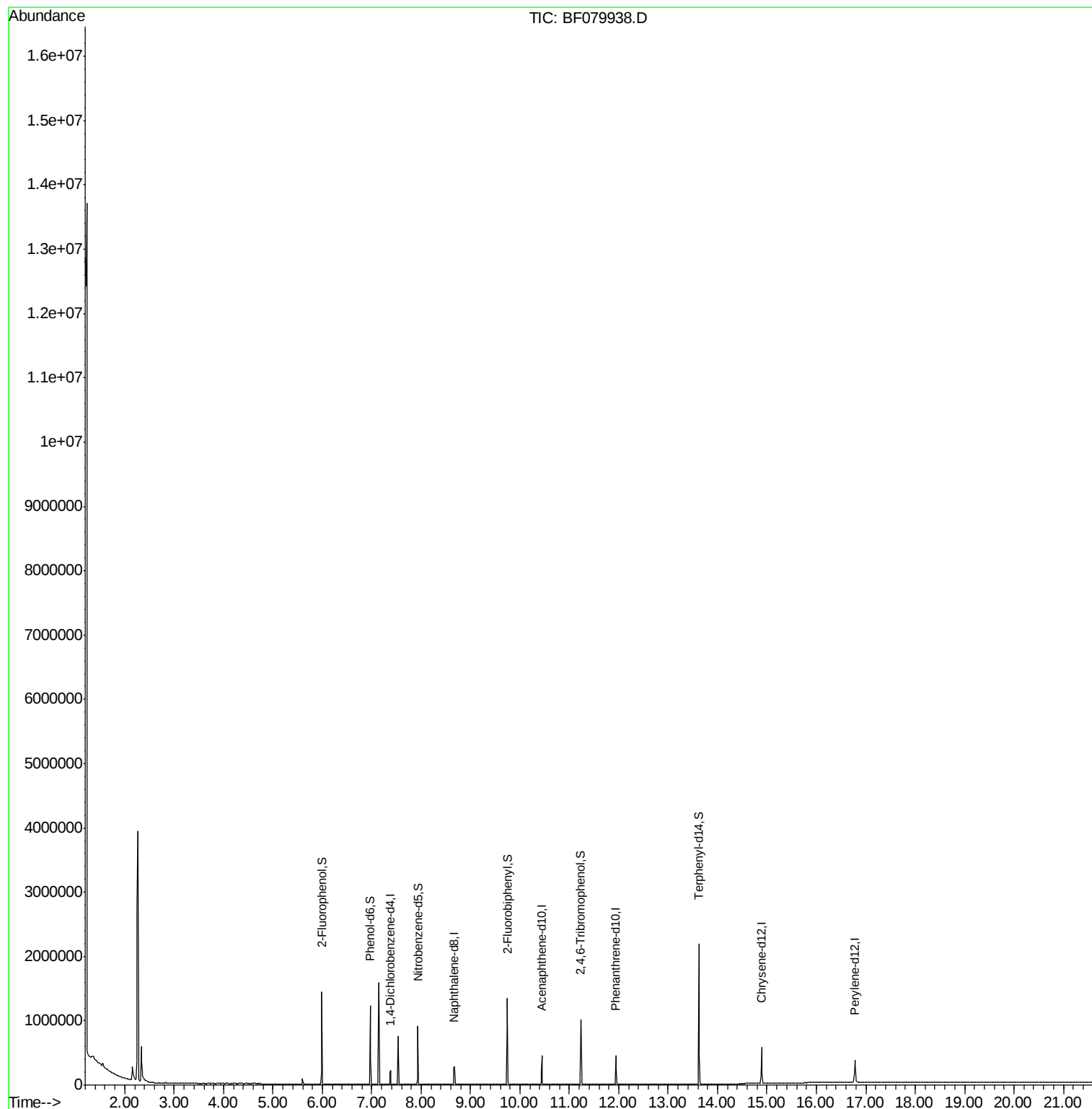
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079938.D
Acq On : 12 Jun 2015 16:22
Operator : TP/IZ
Sample : PB83955BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

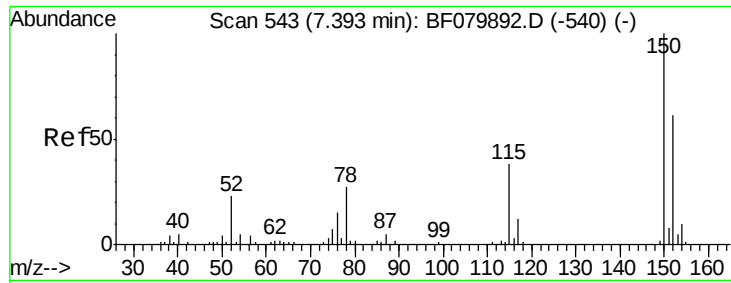
Instrument :
BNA_F
ClientSampleId :
PB83955BL

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#1

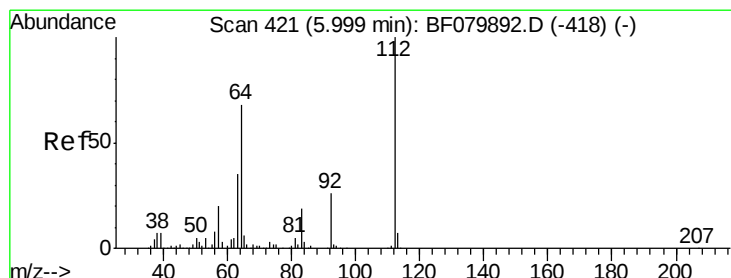
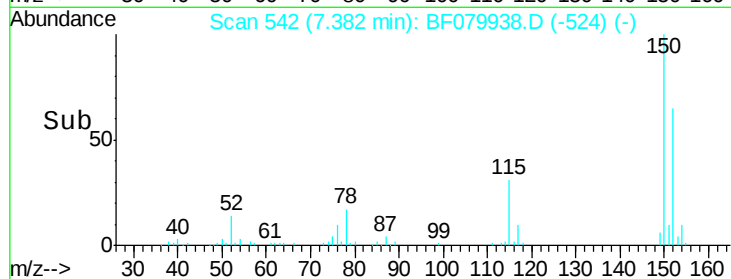
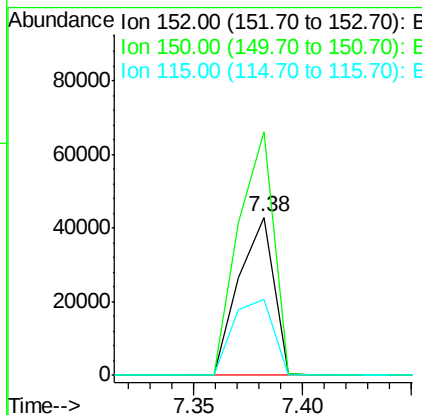
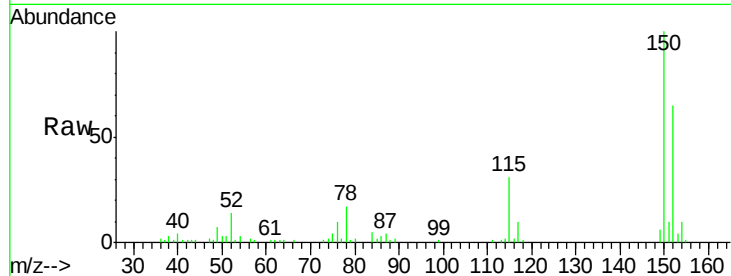
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079938.D
Acq: 12 Jun 2015 16:22

Instrument :
BNA_F
ClientSampleId :
PB83955BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	131.0	196.4
115	48.2	49.8	74.6

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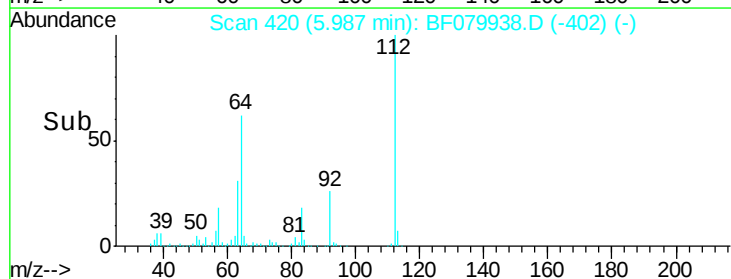
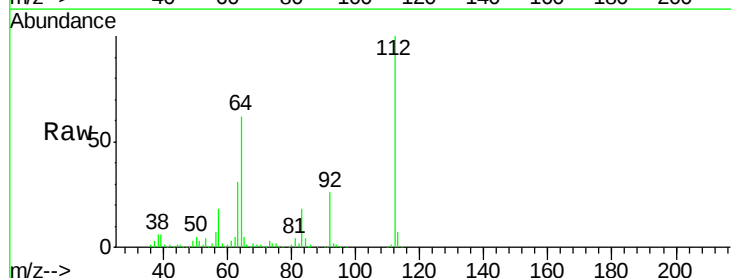
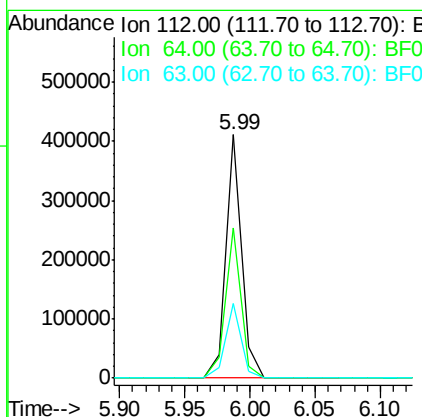
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#5

2-Fluorophenol
Concen: 132.95 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079938.D
Acq: 12 Jun 2015 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	54.5	81.7
63	30.7	27.9	41.9





#7

Phenol-d6

Concen: 116.91 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079938.D

Acq: 12 Jun 2015 16:22

Instrument :

BNA_F

ClientSampled :

PB83955BL

Tgt Ion: 99 Resp: 417204

Ion Ratio Lower Upper

99 100

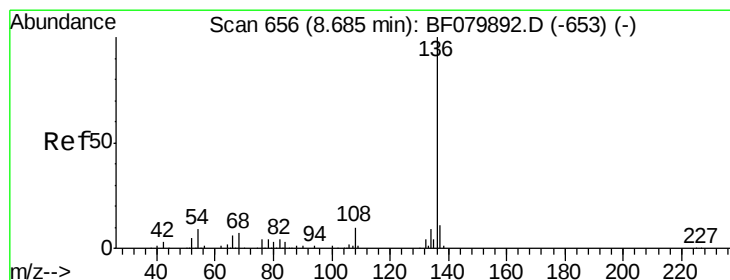
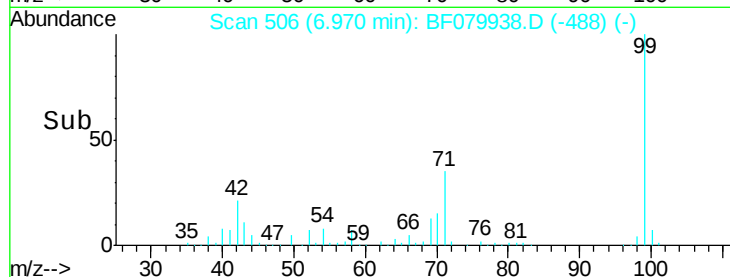
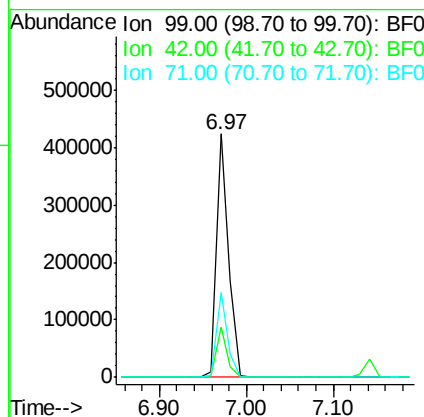
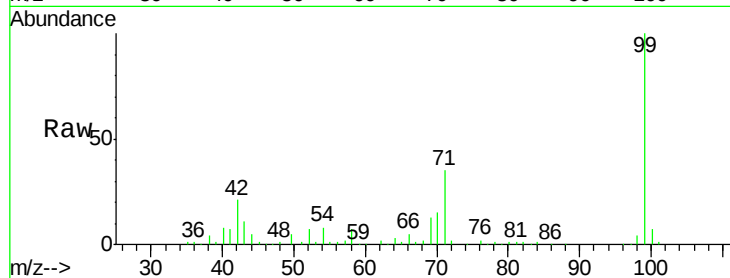
42 20.9 12.9 19.3#

71 34.8 23.4 35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079938.D

Acq: 12 Jun 2015 16:22

Tgt Ion: 136 Resp: 182427

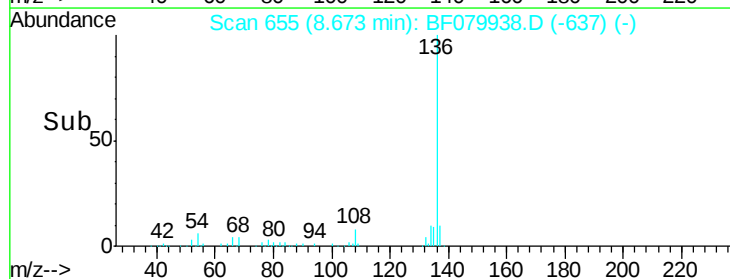
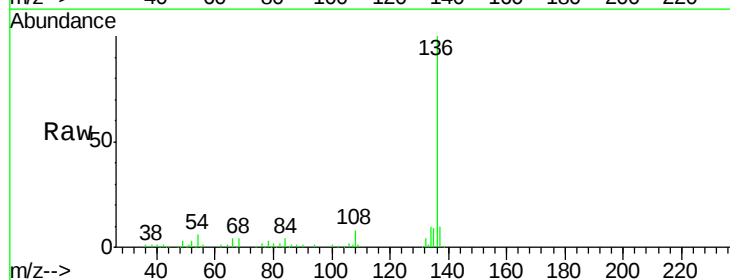
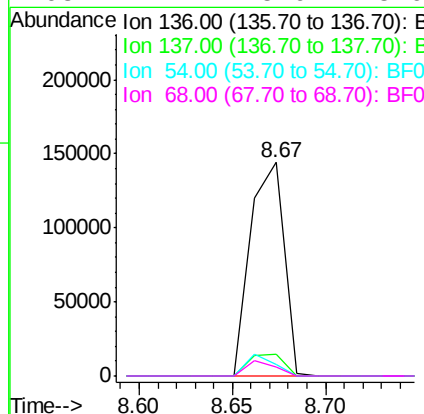
Ion Ratio Lower Upper

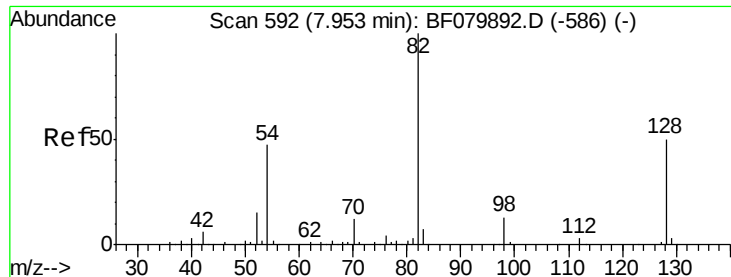
136 100

137 10.3 8.7 13.1

54 5.5 7.3 10.9#

68 4.4 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 87.45 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF079938.D

Acq: 12 Jun 2015 16:22

Instrument :

BNA_F

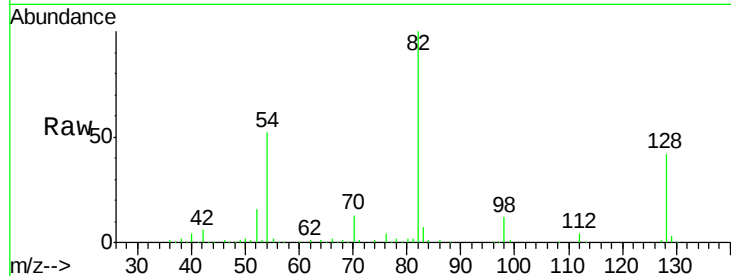
ClientSampled :

PB83955BL

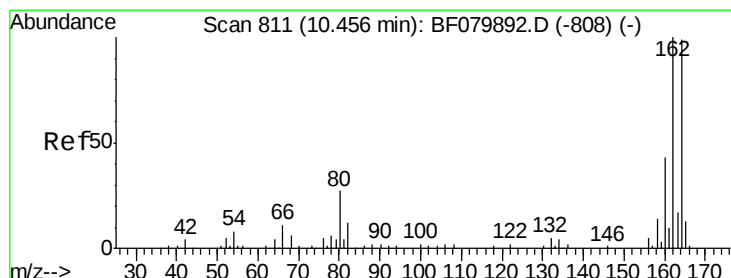
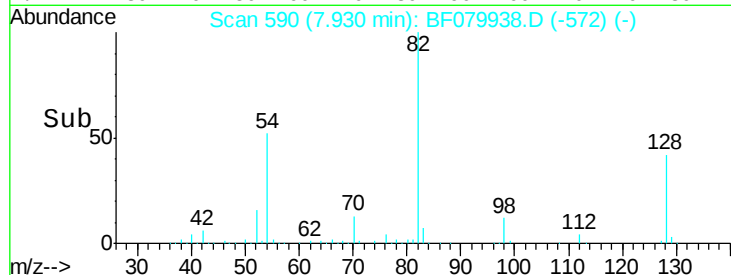
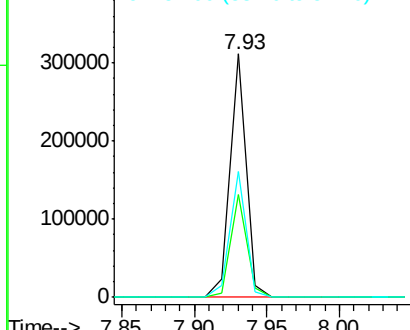
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	40.3	60.5
54	51.9	38.0	57.0

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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

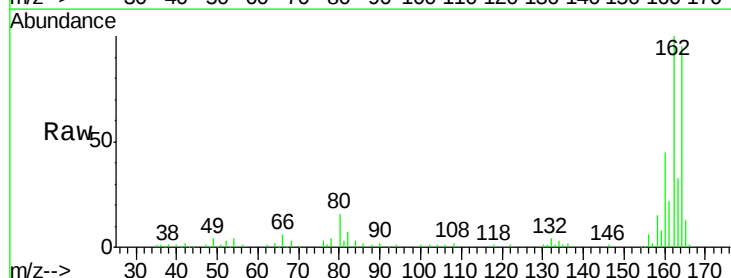
RT: 10.45 min Scan# 810

Delta R.T. 0.00 min

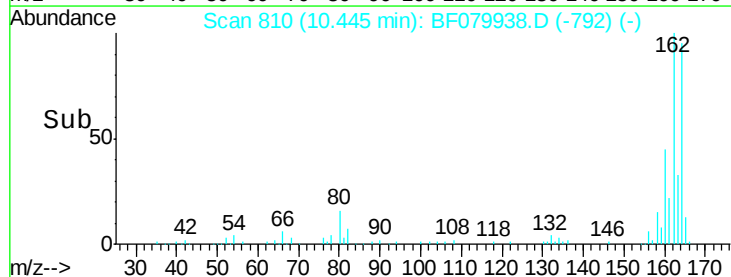
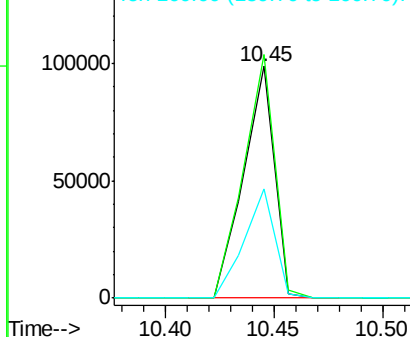
Lab File: BF079938.D

Acq: 12 Jun 2015 16:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.7	121.1
160	47.1	34.6	51.8



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





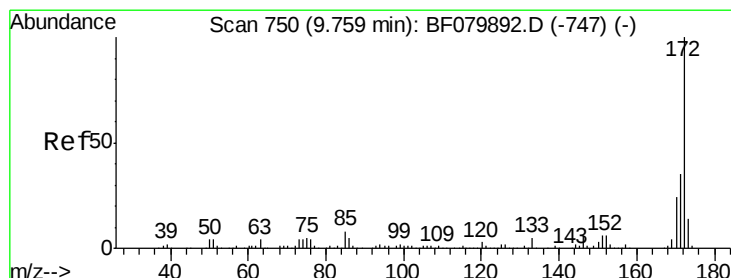
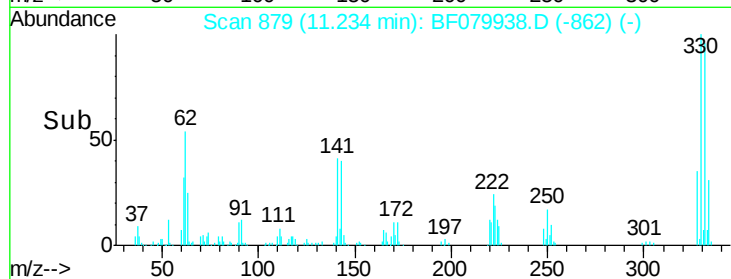
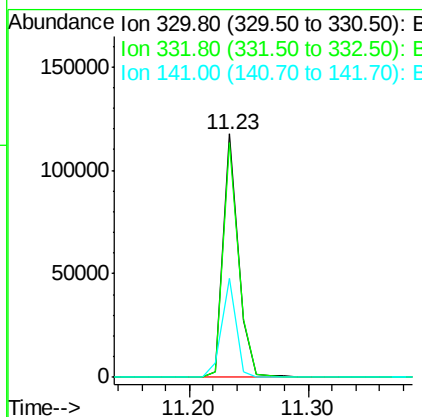
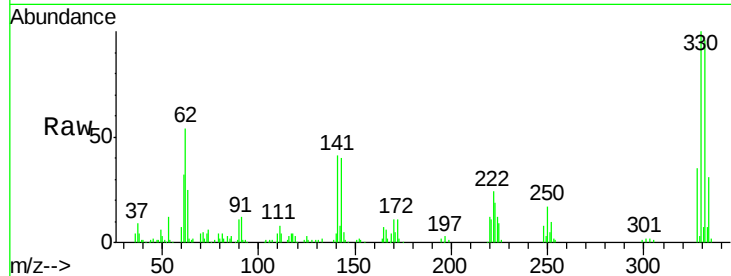
#41
 2,4,6-Tribromophenol
 Concen: 106.89 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079938.D
 Acq: 12 Jun 2015 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	104156		
332	96.6	77.3	115.9	
141	38.1	26.8	40.2	

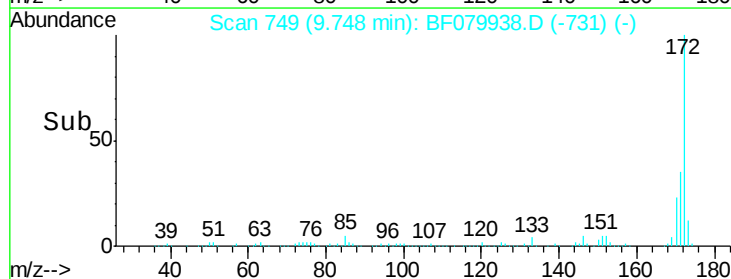
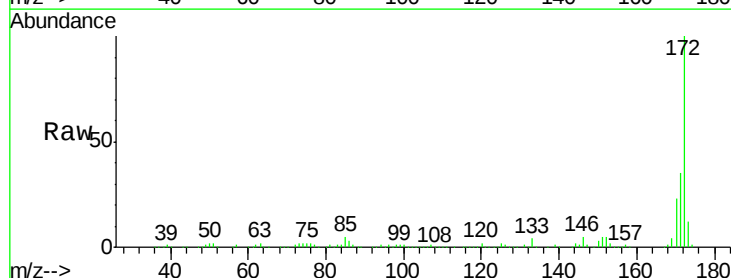
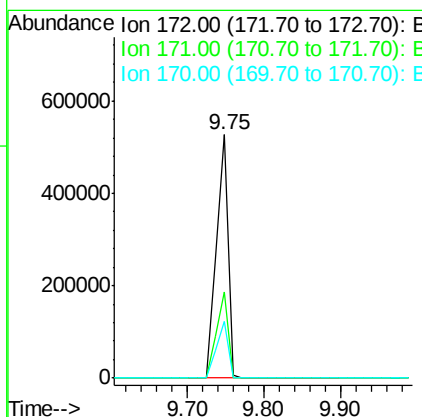
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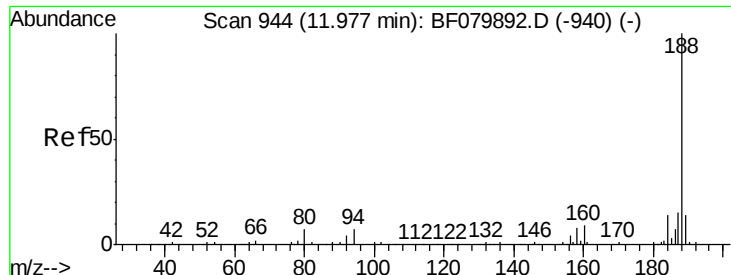
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#44
 2-Fluorobiphenyl
 Concen: 78.97 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079938.D
 Acq: 12 Jun 2015 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	548386		
171	35.2	28.3	42.5	
170	23.2	19.0	28.4	





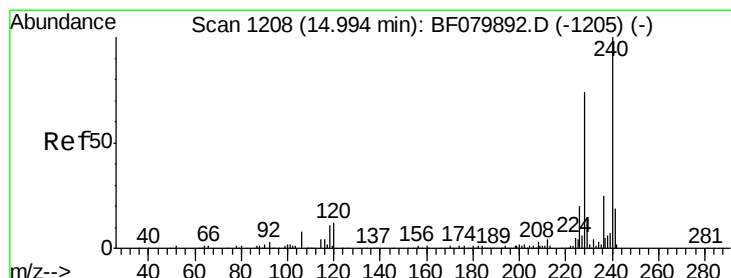
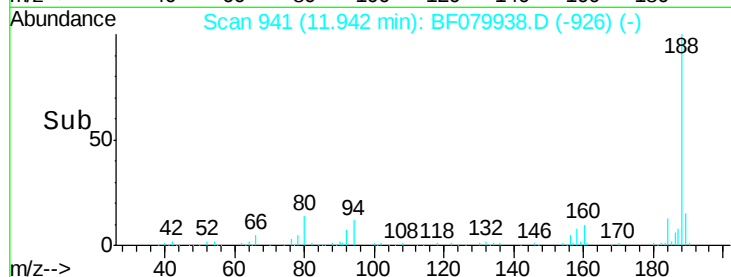
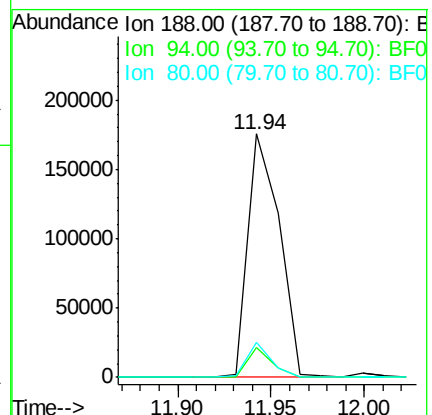
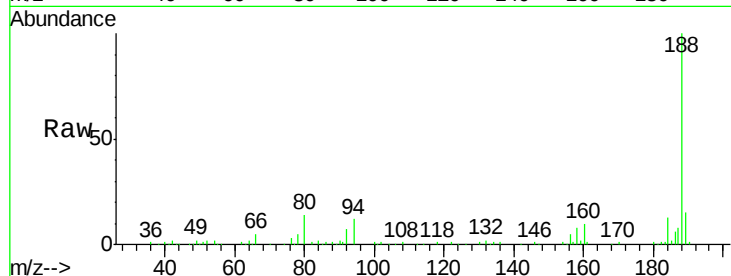
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.94 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF079938.D
Acq: 12 Jun 2015 16:22

Instrument :
BNA_F
ClientSampleId :
PB83955BL

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.1	5.8	8.8#
80	14.2	5.9	8.9#

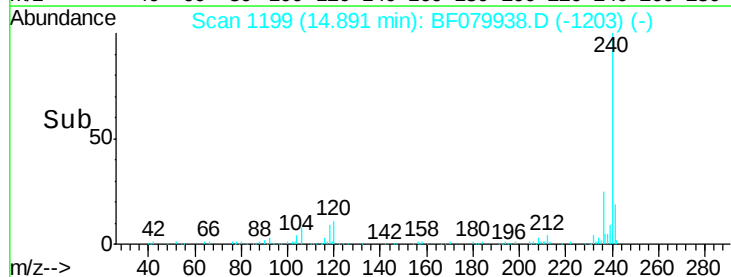
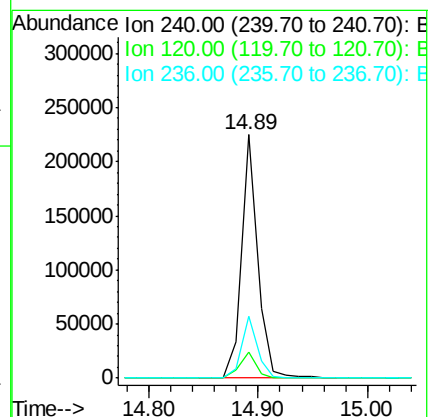
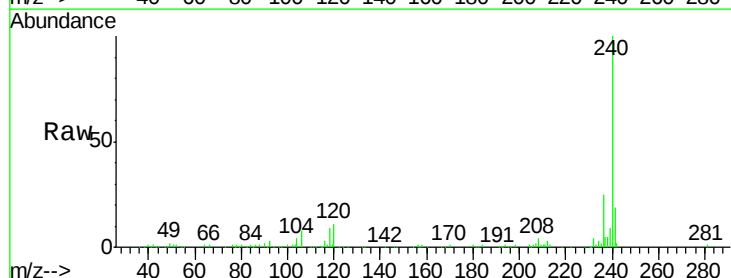
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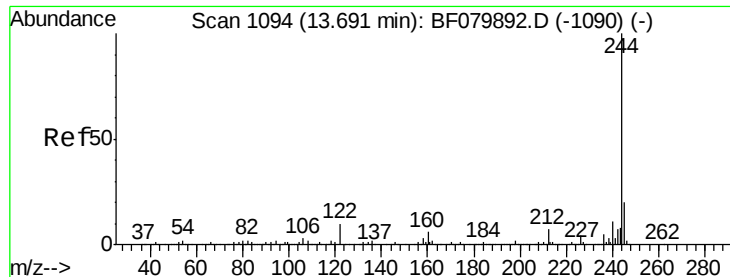
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#75
Chrysene-d12
Concen: 20.00 ng m
RT: 14.89 min Scan# 1199
Delta R.T. -0.25 min
Lab File: BF079938.D
Acq: 12 Jun 2015 16:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.6	9.4	14.2
236	25.3	19.6	29.4





#78

Terphenyl-d14

Concen: 71.30 ng

RT: 13.62 min Scan# 1088

Delta R.T. -0.15 min

Lab File: BF079938.D

Acq: 12 Jun 2015 16:22

Instrument :

BNA_F

ClientSampleId :

PB83955BL

Tgt Ion:244 Resp: 710058

Ion Ratio Lower Upper

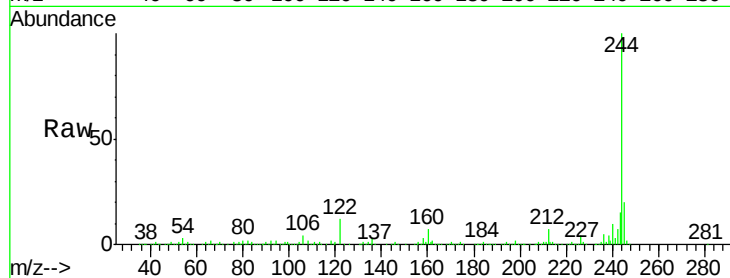
244 100

212 7.3 5.4 8.2

122 12.4 7.8 11.8#

Manual Integrations
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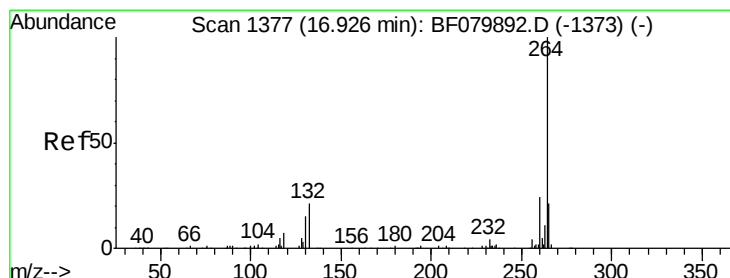
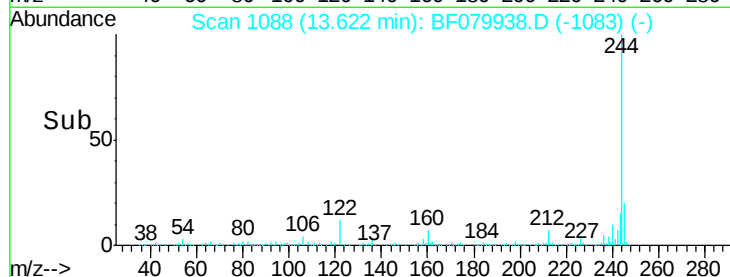
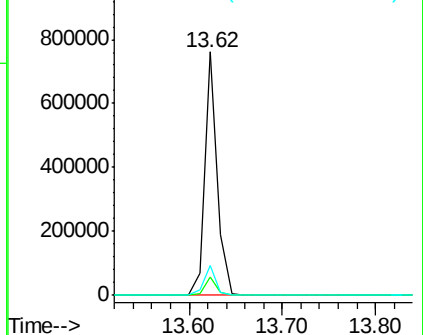
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Abundance Ion 244.00 (243.70 to 244.70): E

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 m

RT: 16.78 min Scan# 1364

Delta R.T. -0.32 min

Lab File: BF079938.D

Acq: 12 Jun 2015 16:22

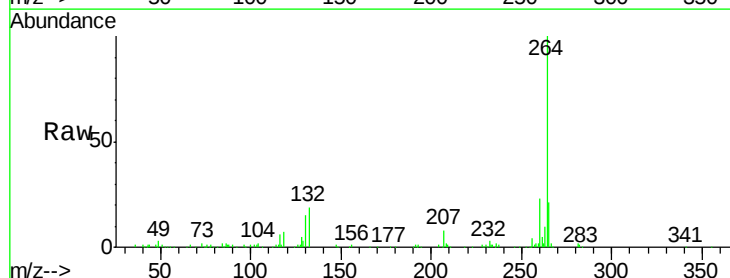
Tgt Ion:264 Resp: 221482

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 20.8 17.0 25.6



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

