

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079969.D
 Acq On : 13 Jun 2015 10:10
 Operator : TP/IZ
 Sample : G2599-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W4-8.5-9

Manual Integrations
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Quant Time: Jun 15 01:51:09 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	47404	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	184532	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	99515	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	207101	20.00	ng	-0.03
75) Chrysene-d12	14.87	240	230149m	20.00	ng	-0.27
86) Perylene-d12	16.75	264	232492m	20.00	ng	-0.34
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	292123	113.00	ng	0.00
7) Phenol-d6	6.97	99	372633	105.80	ng	0.00
23) Nitrobenzene-d5	7.93	82	213139	76.21	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	85145	85.98	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	412515	58.05	ng	0.00
78) Terphenyl-d14	13.61	244	494170	49.50	ng	-0.16
Target Compounds						
31) Naphthalene	8.68	128	56661	5.62	ng	99
49) Dimethylphthalate	10.12	163	124395	15.60	ng	99

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

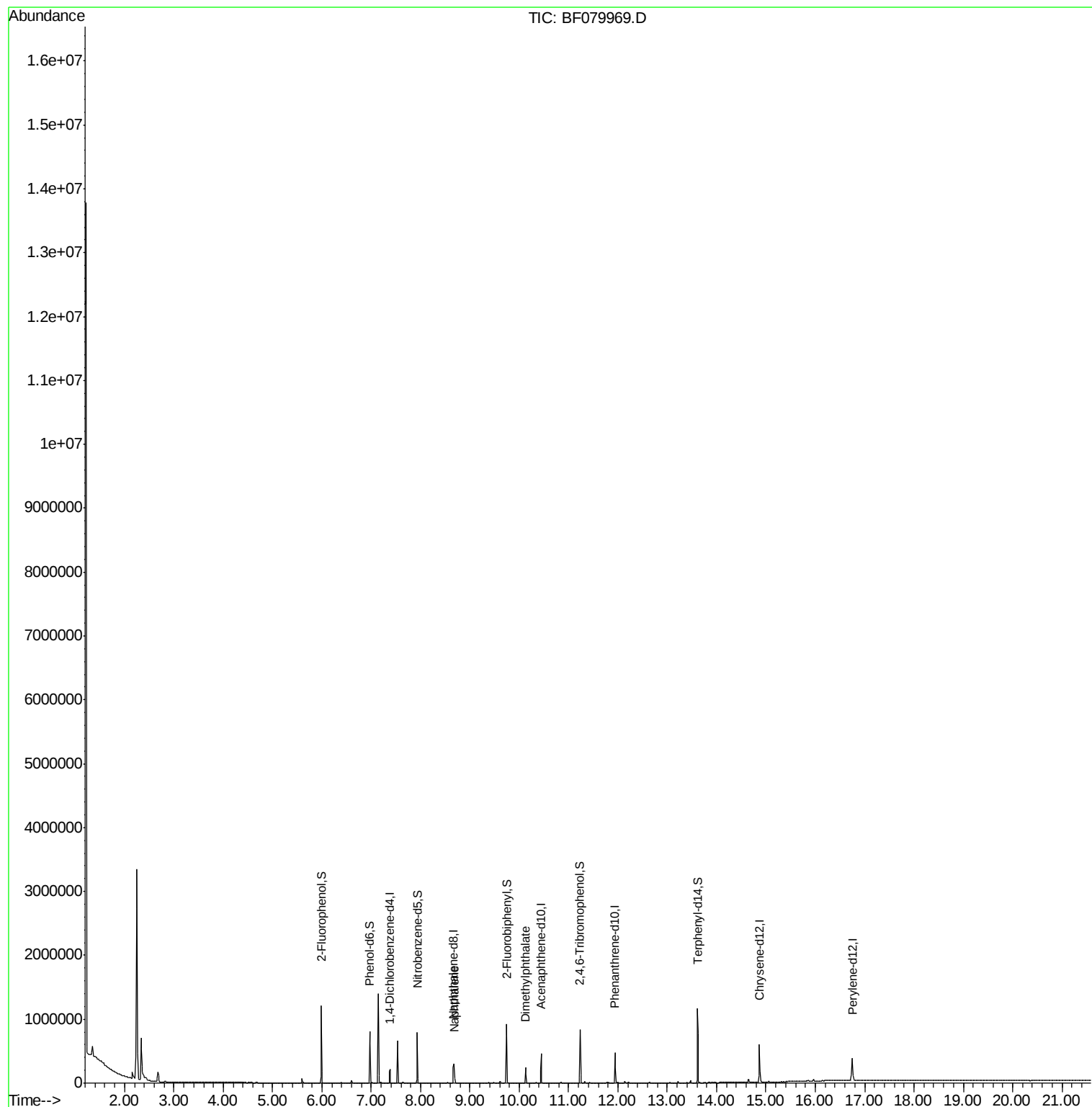
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079969.D
Acq On : 13 Jun 2015 10:10
Operator : TP/IZ
Sample : G2599-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W4-8.5-9

Manual Integrations
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Quant Time: Jun 15 01:51:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
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#1

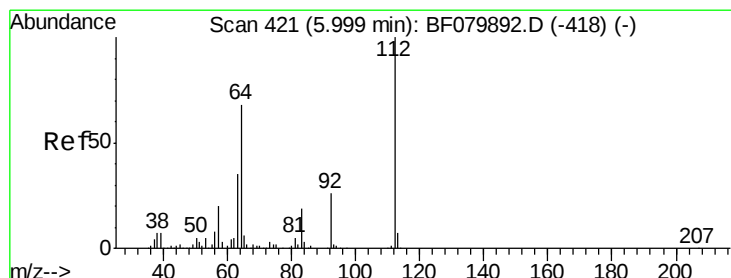
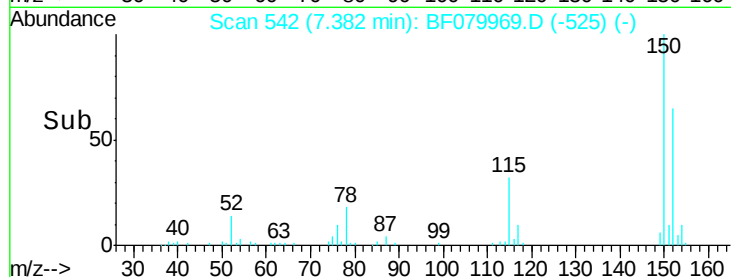
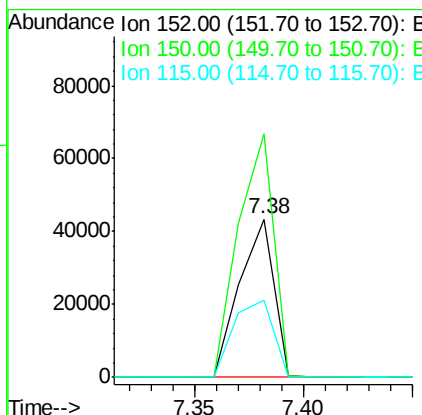
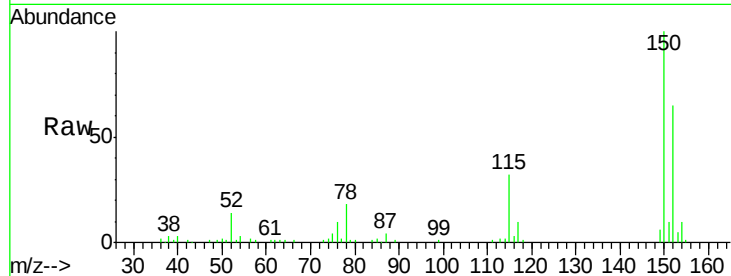
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF079969.D
Acq: 13 Jun 2015 10:10

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W4-8.5-9

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	131.0	196.4
115	48.6	49.8	74.6

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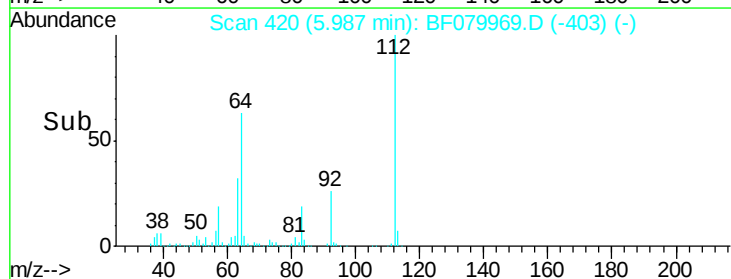
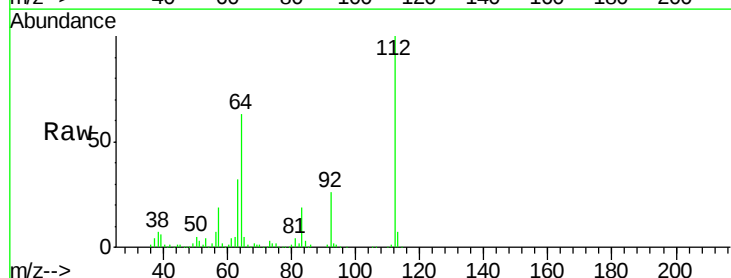
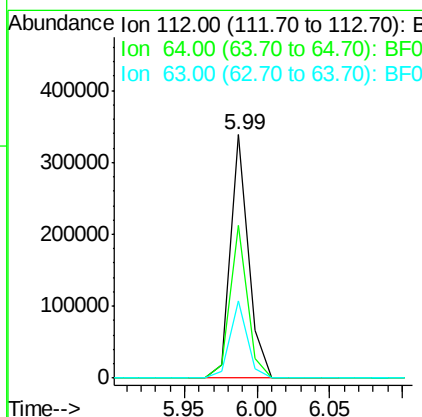
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#5

2-Fluorophenol
Concen: 113.00 ng
RT: 5.99 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF079969.D
Acq: 13 Jun 2015 10:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	54.5	81.7
63	31.5	27.9	41.9





#7

Phenol-d6

Concen: 105.80 ng

RT: 6.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF079969.D

Acq: 13 Jun 2015 10:10

Instrument :

BNA_F

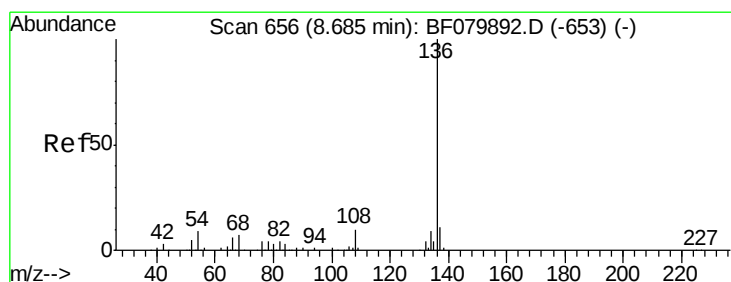
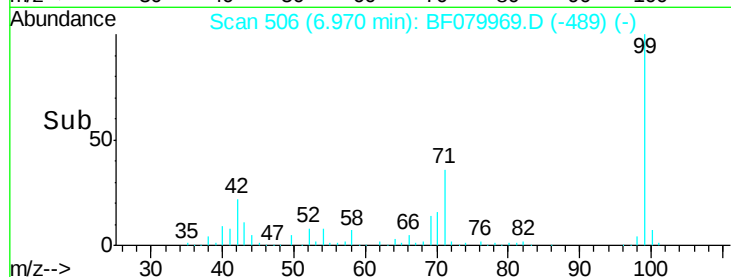
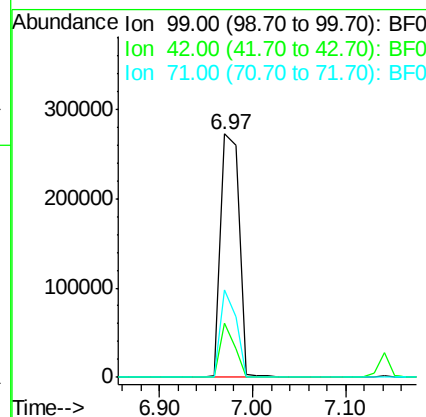
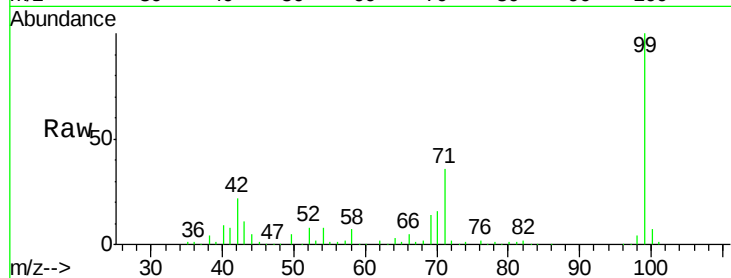
ClientSampleId :

VALHALLA-W4-8.5-9

Tgt Ion:	99	Resp:	372633
Ion Ratio	Lower	Upper	
99	100		
42	22.3	12.9	19.3#
71	36.0	23.4	35.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

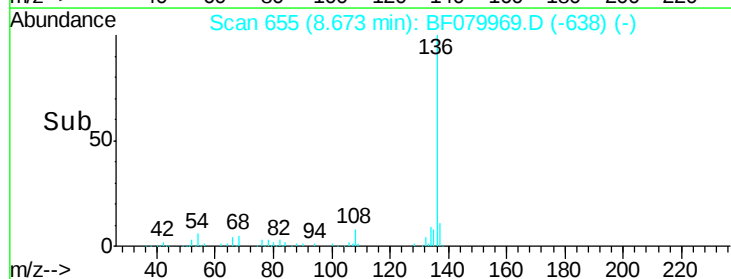
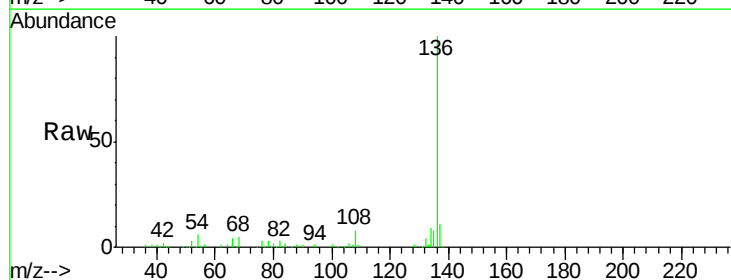
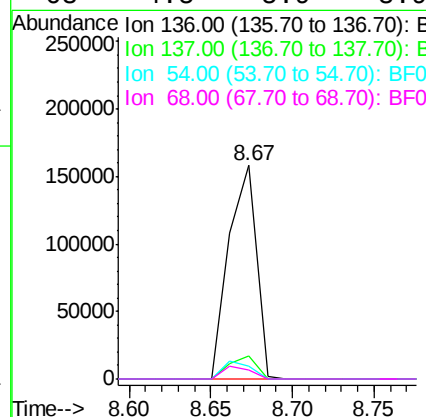
RT: 8.67 min Scan# 655

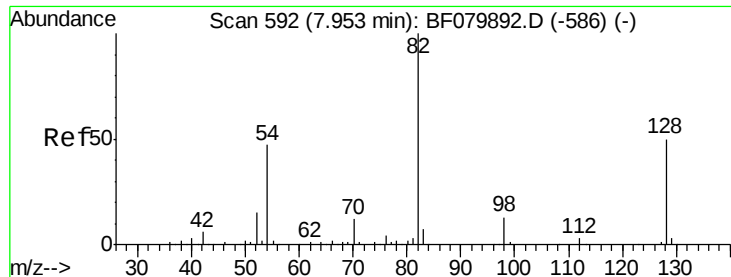
Delta R.T. 0.00 min

Lab File: BF079969.D

Acq: 13 Jun 2015 10:10

Tgt Ion:	136	Resp:	184532
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	5.9	7.3	10.9#
68	4.5	5.9	8.9#





#23

Nitrobenzene-d5

Concen: 76.21 ng

RT: 7.93 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF079969.D

Acq: 13 Jun 2015 10:10

Instrument :

BNA_F

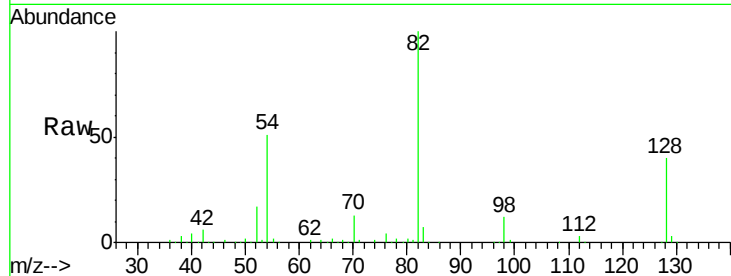
ClientSampleId :

VALHALLA-W4-8.5-9

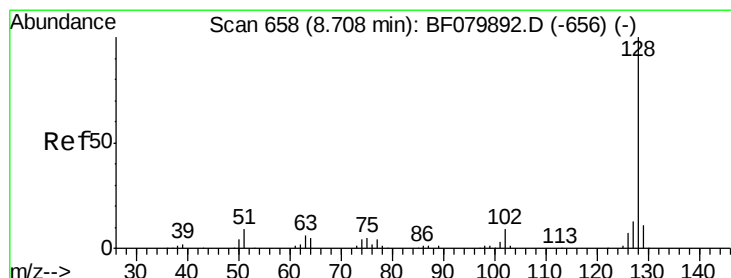
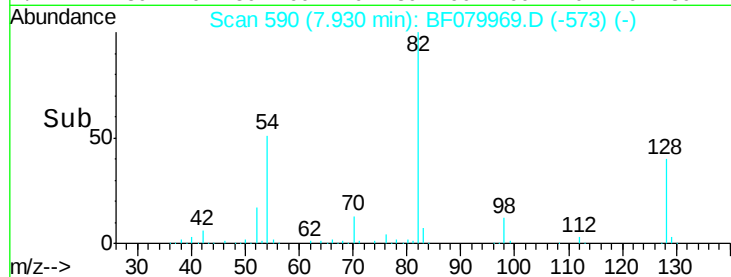
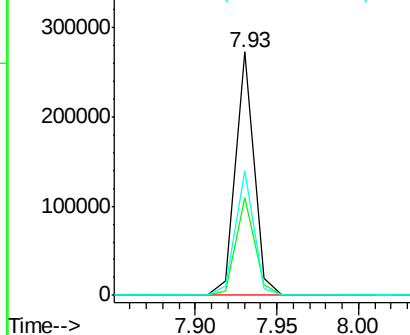
Tgt Ion:	82	Resp:	213139
Ion Ratio		Lower	Upper
82	100		
128	40.0	40.3	60.5#
54	51.0	38.0	57.0

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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



#31

Naphthalene

Concen: 5.62 ng

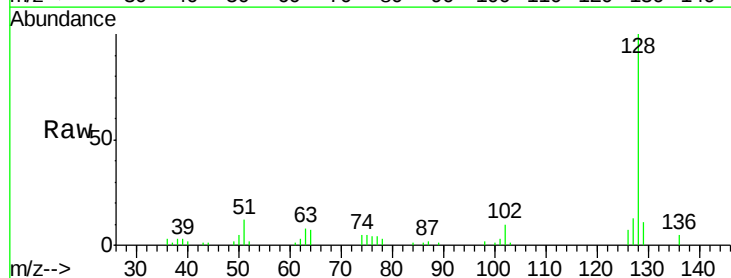
RT: 8.68 min Scan# 656

Delta R.T. -0.01 min

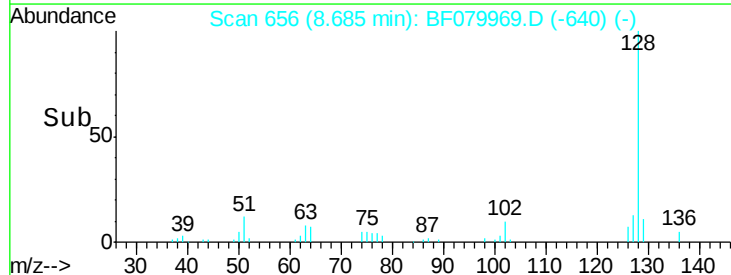
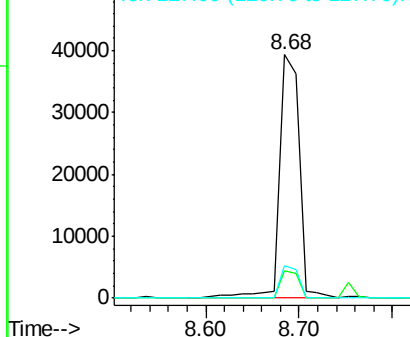
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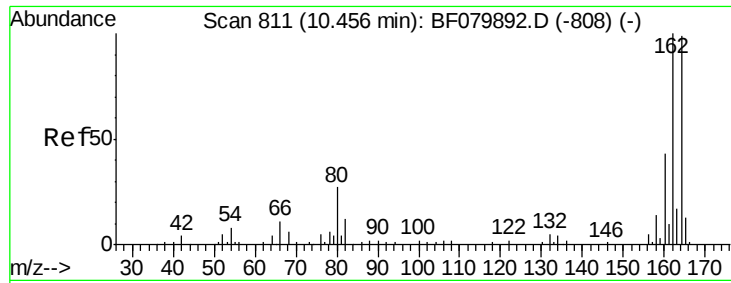
Acq: 13 Jun 2015 10:10

Tgt Ion:	128	Resp:	56661
Ion Ratio		Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.4	10.5	15.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





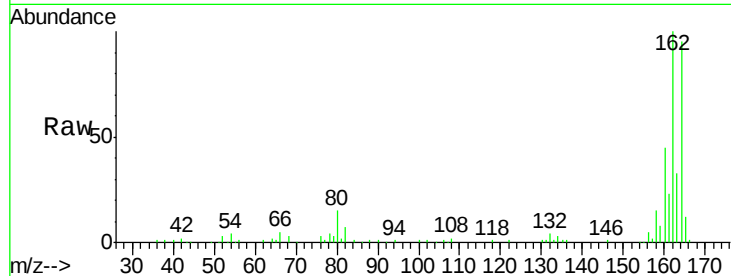
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF079969.D
 Acq: 13 Jun 2015 10:10

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W4-8.5-9

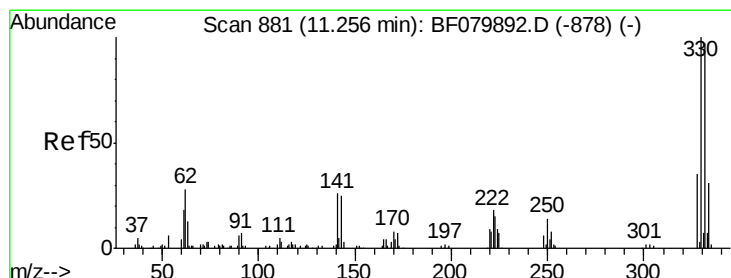
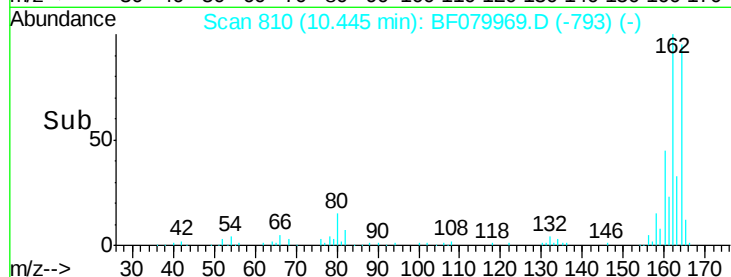
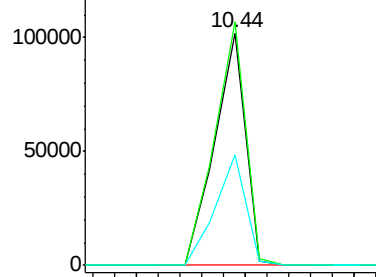
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	99515		
162	104.8	80.7	121.1	
160	47.4	34.6	51.8	

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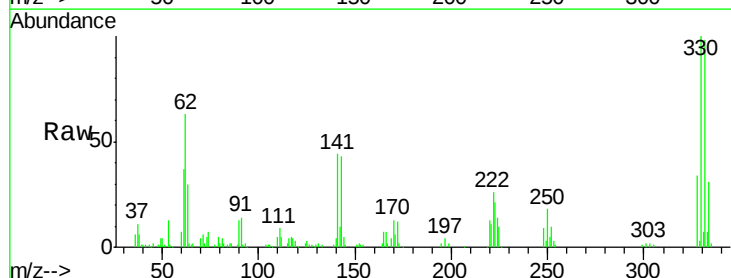


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

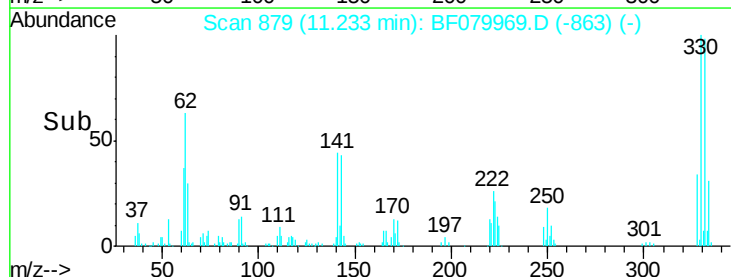
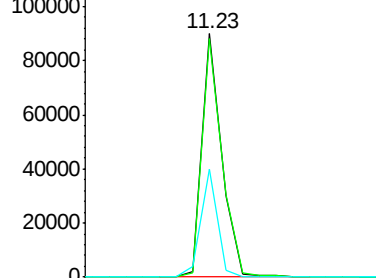


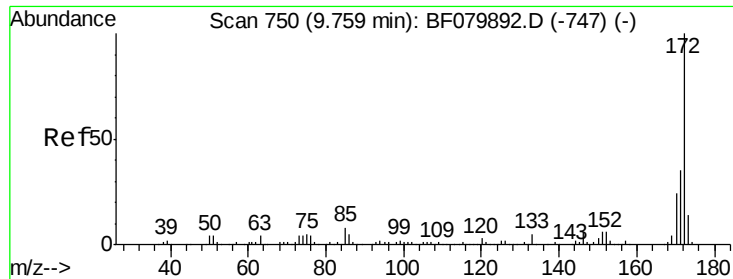
#41
 2,4,6-Tribromophenol
 Concen: 85.98 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079969.D
 Acq: 13 Jun 2015 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	85145		
332	98.7	77.3	115.9	
141	37.7	26.8	40.2	



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





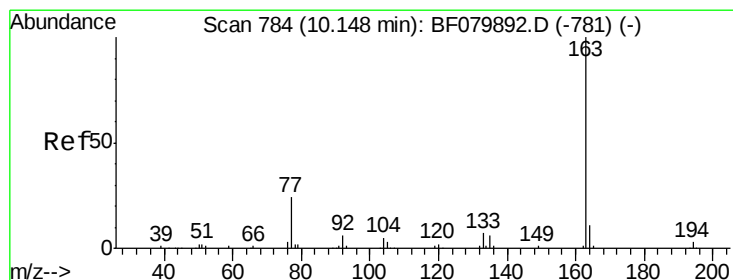
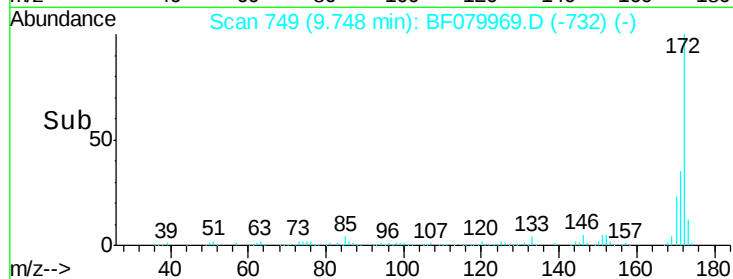
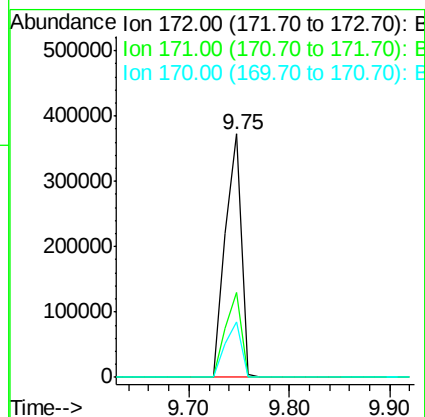
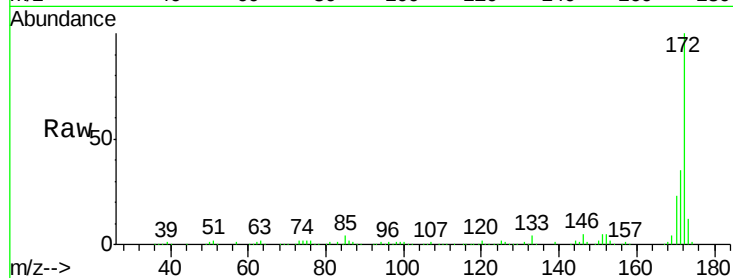
#44
2-Fluorobiphenyl
Concen: 58.05 ng
RT: 9.75 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF079969.D
Acq: 13 Jun 2015 10:10

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W4-8.5-9

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.0	28.3	42.5
170	23.0	19.0	28.4

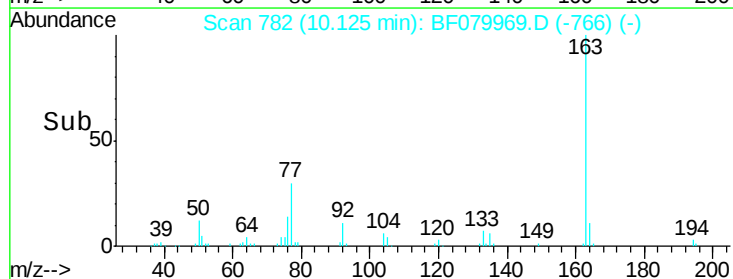
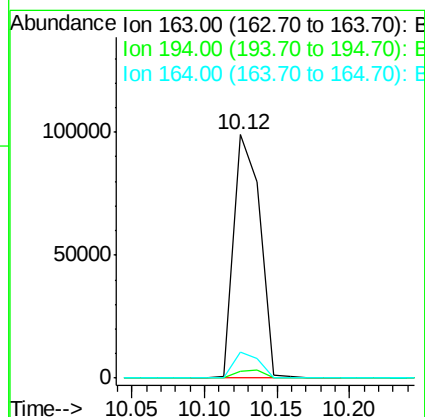
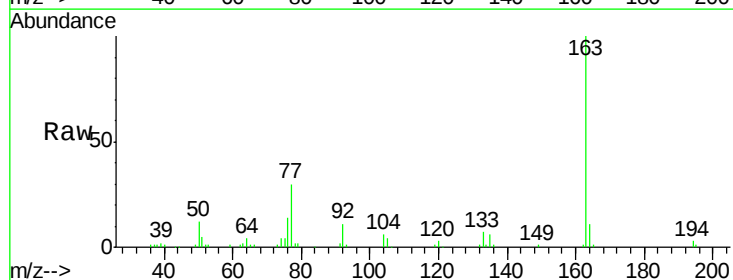
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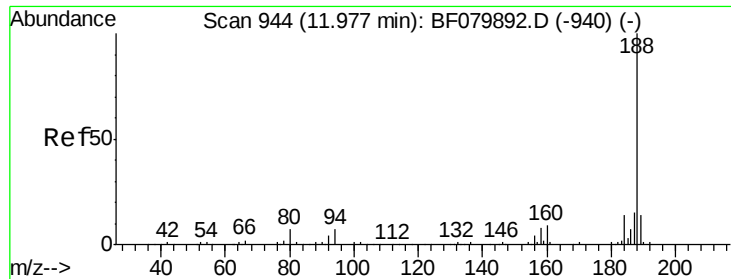
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#49
Dimethylphthalate
Concen: 15.60 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF079969.D
Acq: 13 Jun 2015 10:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	2.6	4.0
164	10.9	8.6	12.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.94 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF079969.D

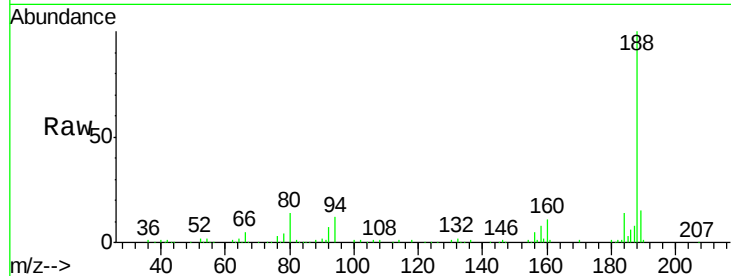
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Instrument :

BNA_F

ClientSampleId :

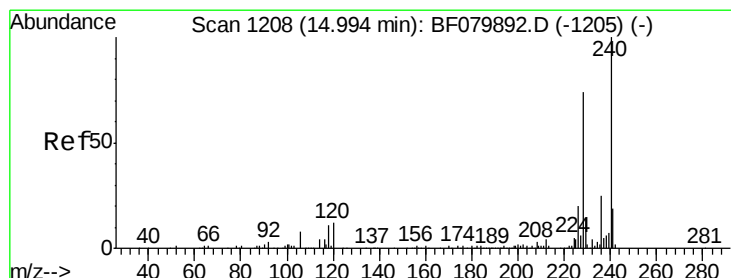
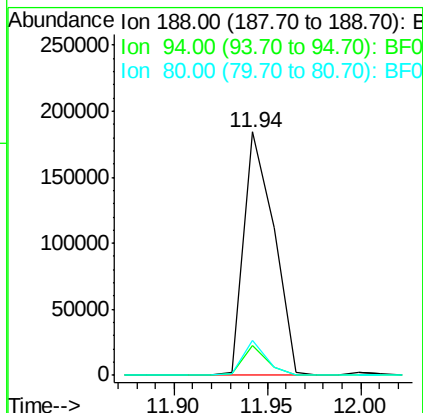
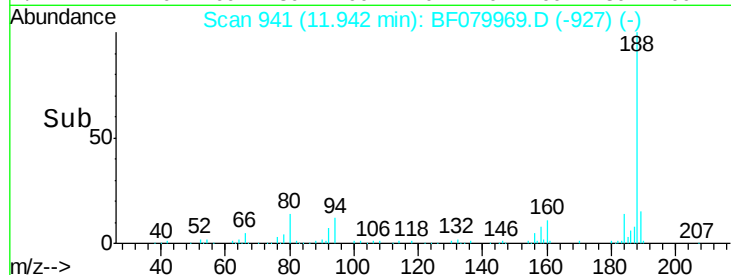
VALHALLA-W4-8.5-9



Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.5	5.8	8.8#
80	14.2	5.9	8.9#

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#75

Chrysene-d12

Concen: 20.00 ng m

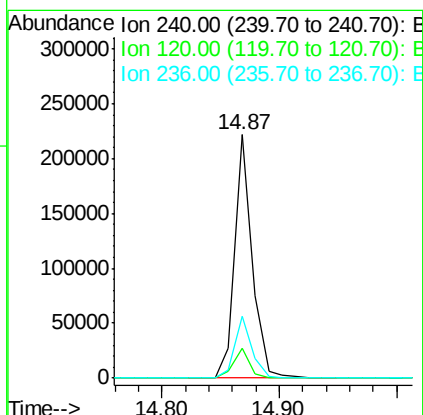
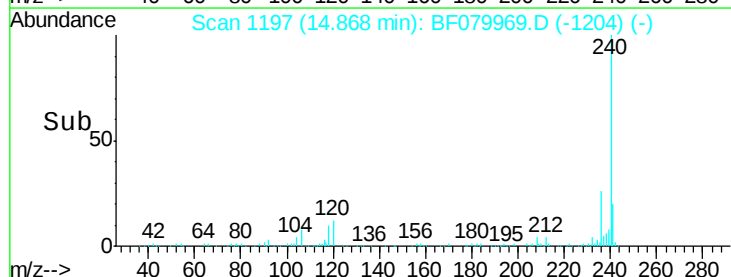
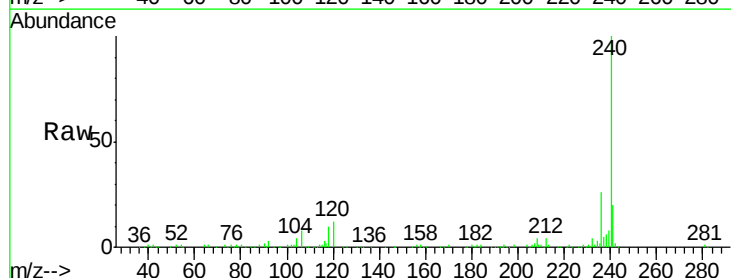
RT: 14.87 min Scan# 1197

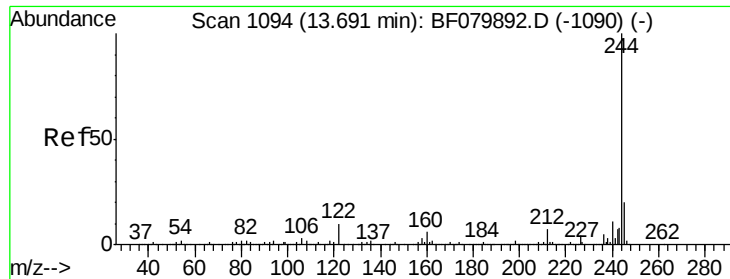
Delta R.T. -0.27 min

Lab File: BF079969.D

Acq: 13 Jun 2015 10:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.0	9.4	14.2
236	25.6	19.6	29.4





#78

Terphenyl-d14

Concen: 49.50 ng

RT: 13.61 min Scan# 1087

Delta R.T. -0.16 min

Lab File: BF079969.D

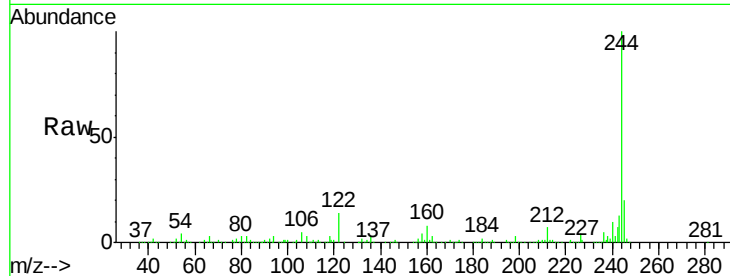
Acq: 13 Jun 2015 10:10

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W4-8.5-9



Tgt Ion:244 Resp: 494170

Ion Ratio Lower Upper

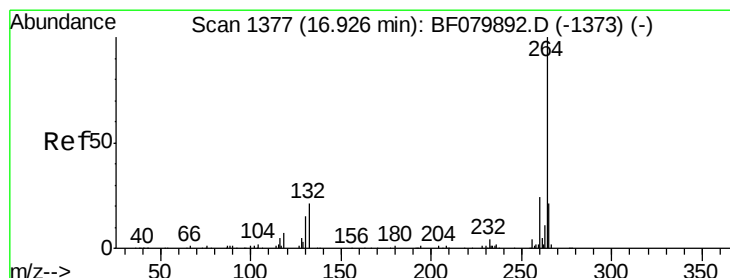
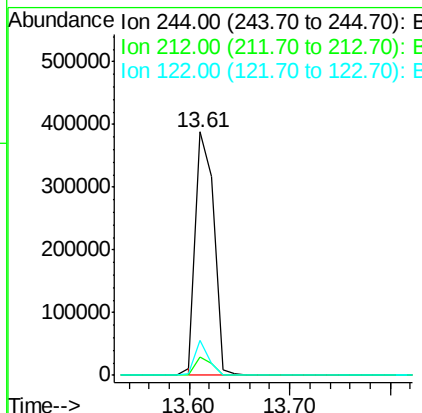
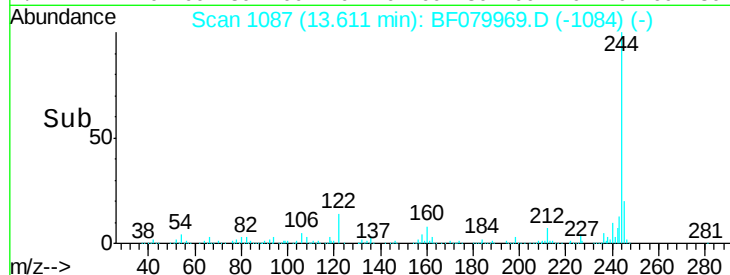
244 100

212 7.3 5.4 8.2

122 14.4 7.8 11.8#

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#86

Perylene-d12

Concen: 20.00 ng m

RT: 16.75 min Scan# 1362

Delta R.T. -0.34 min

Lab File: BF079969.D

Acq: 13 Jun 2015 10:10

Tgt Ion:264 Resp: 232492

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 20.8 17.0 25.6

