

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084919.D
 Acq On : 6 Feb 2016 18:39
 Operator : SJ/IZ
 Sample : H1338-05
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IW-1

Manual Integrations
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Quant Time: Feb 08 06:46:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	175157	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	692312	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	317782	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	447869	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	320238	20.00	ng	-0.03
86) Perylene-d12	15.17	264	327837	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	682394	60.68	ng	-0.02
7) Phenol-d6	6.33	99	523674	37.56	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1121774	91.28	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	351463	106.03	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1915933	115.18	ng	-0.02
78) Terphenyl-d14	12.76	244	1076555	76.18	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	7.97	128	70864m	2.04	ng	
51) Acenaphthene	9.73	154	45949	2.23	ng	93
57) Fluorene	10.24	166	46618	2.21	ng	# 94
72) Carbazole	11.41	167	46446	2.13	ng	98

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

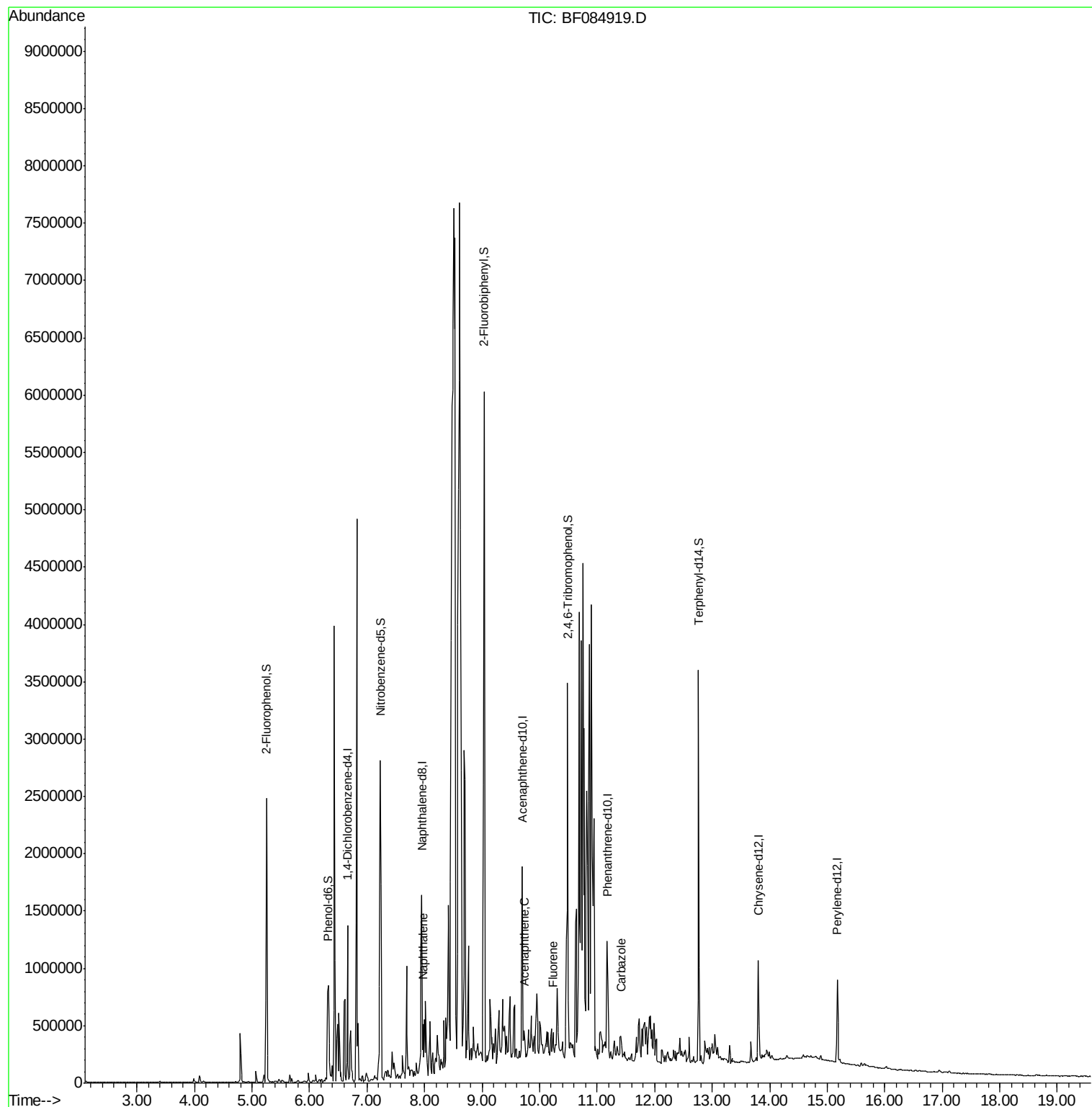
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
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ALS Vial : 61 Sample Multiplier: 1

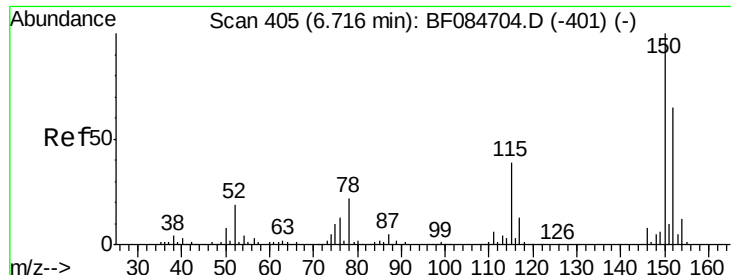
Instrument :
BNA_F
ClientSampleId :
IW-1

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
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#1

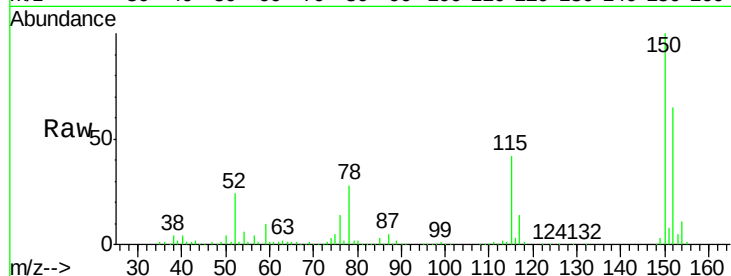
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084919.D
Acq: 6 Feb 2016 18:39

Instrument :
BNA_F
ClientSampled :
IW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.0	184.4
115	64.5	51.4	77.2

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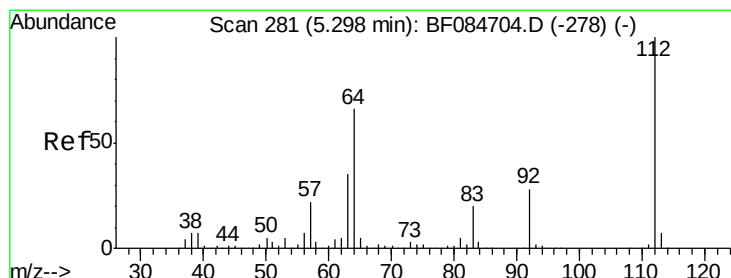
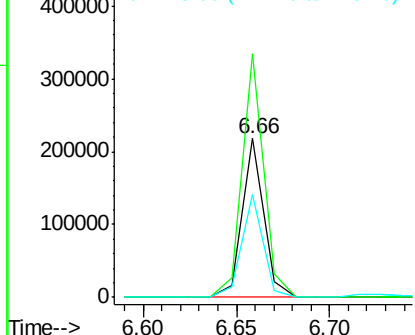
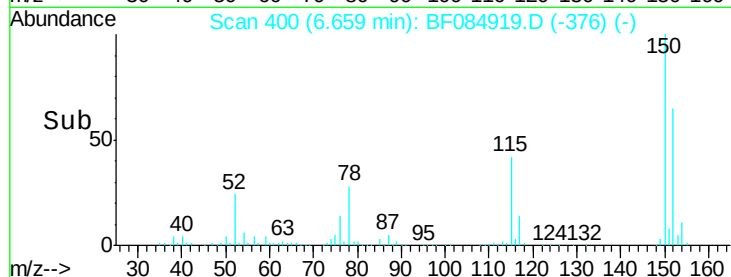


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

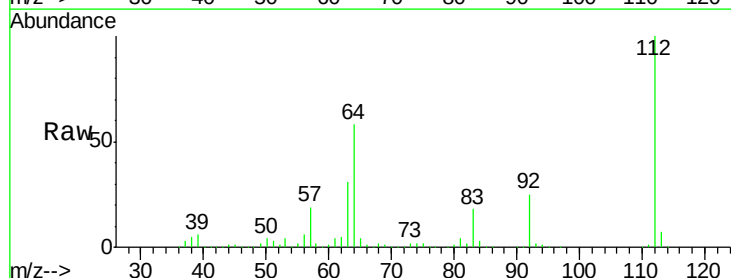
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.68 ng
RT: 5.25 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF084919.D
Acq: 6 Feb 2016 18:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	36.6	55.0#
63	30.7	19.4	29.0#

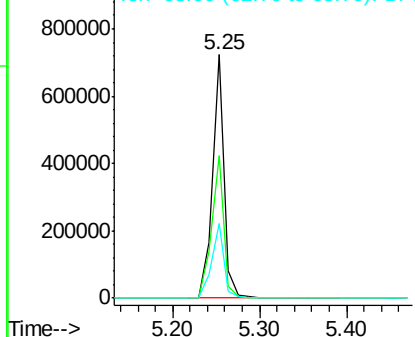
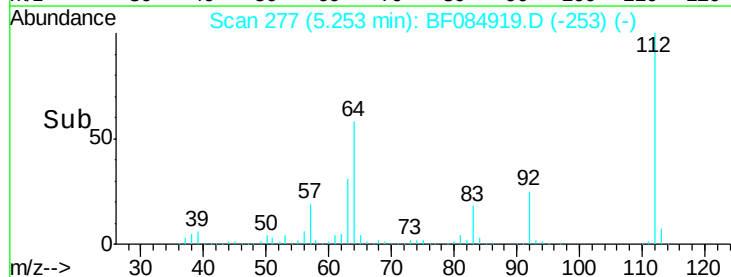


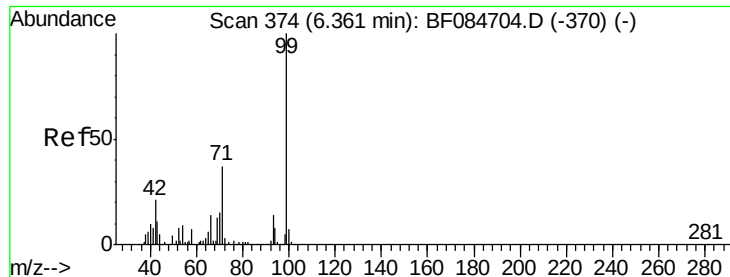
Abundance

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: 37.56 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084919.D

Acq: 6 Feb 2016 18:39

Instrument :

BNA_F

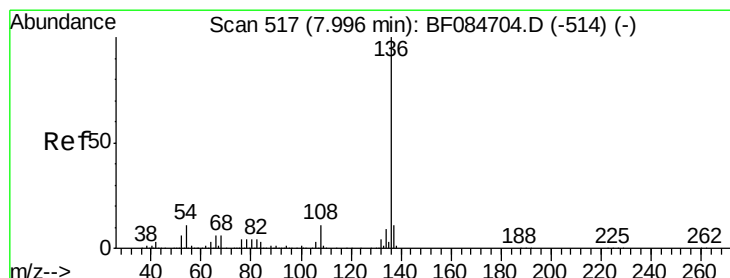
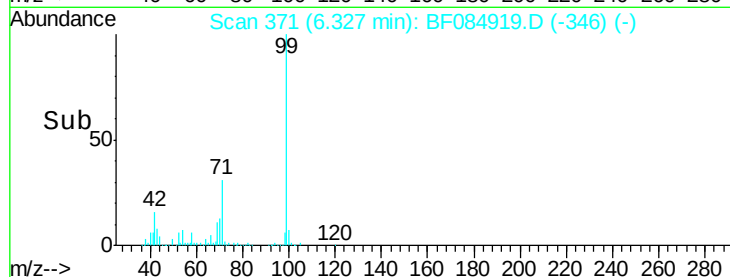
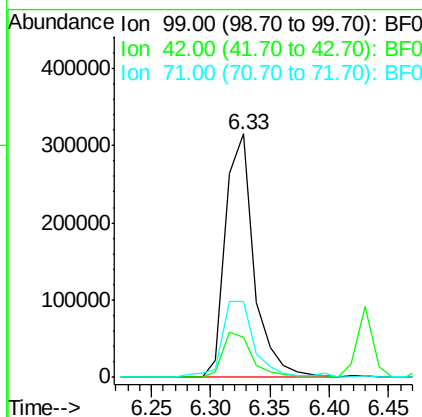
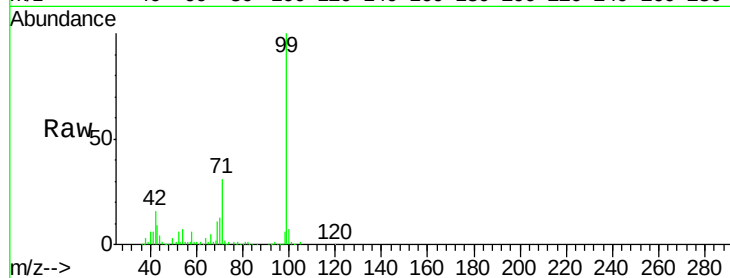
ClientSampleId :

IW-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		523674		
42	16.3	12.8	19.2		
71	31.1	30.9	46.3		

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#21

Naphthalene-d8

Concen: 20.00 ng

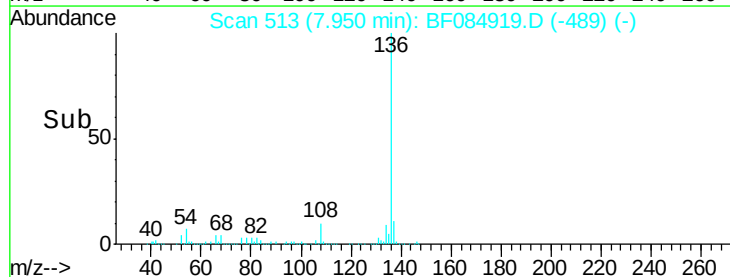
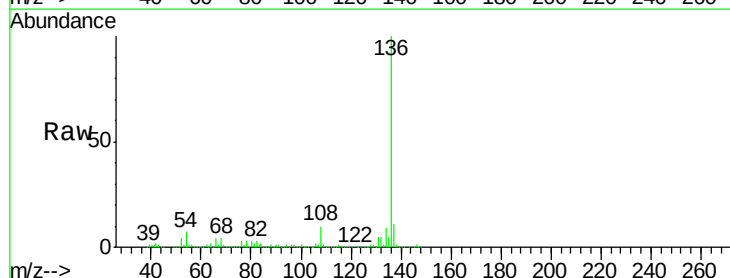
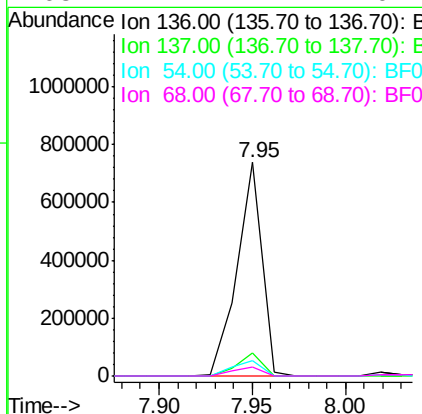
RT: 7.95 min Scan# 513

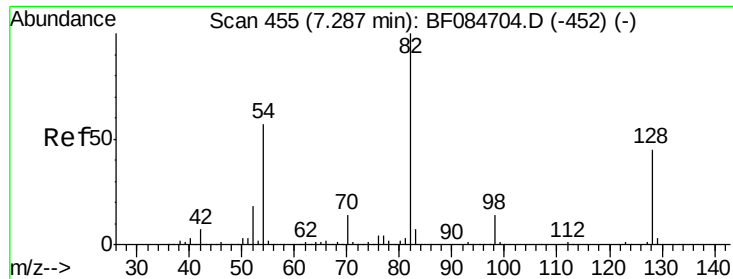
Delta R.T. -0.02 min

Lab File: BF084919.D

Acq: 6 Feb 2016 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		692312		
137	11.0	8.7	13.1		
54	7.1	5.8	8.8		
68	4.1	4.2	6.2#		





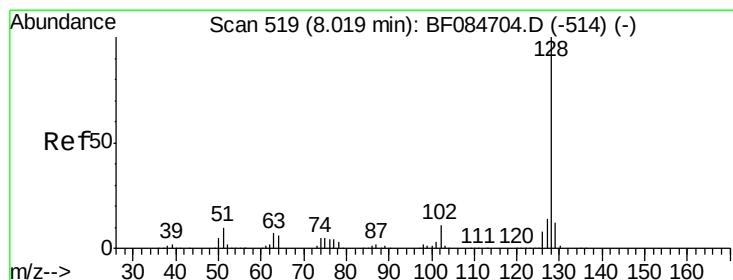
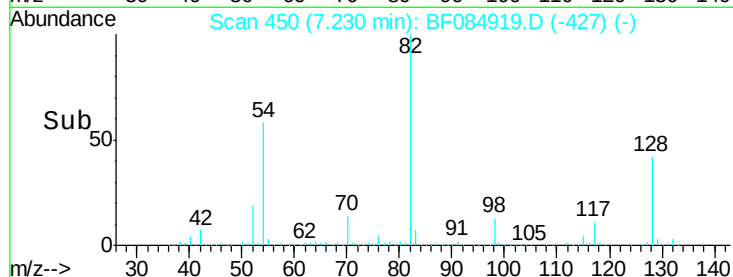
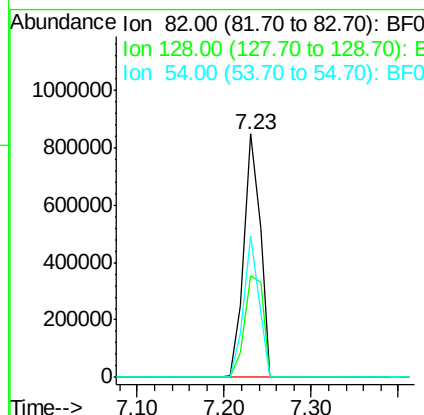
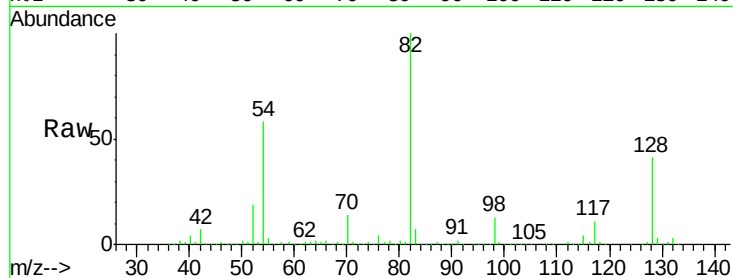
#23
Nitrobenzene-d5
Concen: 91.28 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084919.D
Acq: 6 Feb 2016 18:39

Instrument :
BNA_F
ClientSampled :
IW-1

Tot Ion	82	Resp	1121774
Ion Ratio	100	Lower	Upper
82	100		
128	41.5	34.6	51.8
54	57.9	38.4	57.6

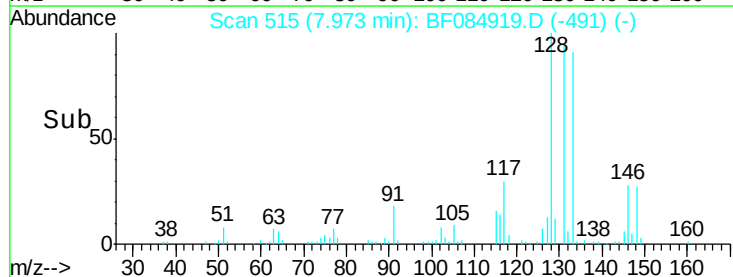
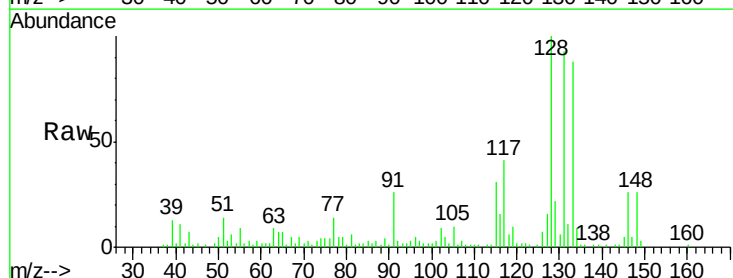
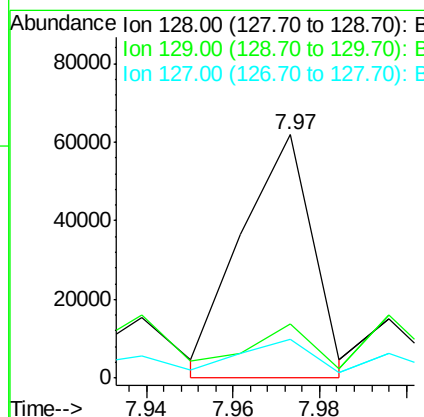
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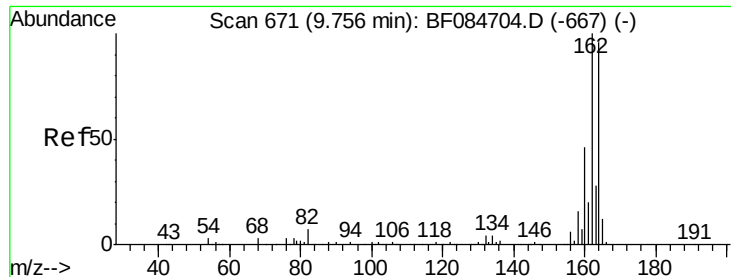
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#31
Naphthalene
Concen: 2.04 ng m
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084919.D
Acq: 6 Feb 2016 18:39

Tgt Ion	128	Resp	70864
Ion Ratio	100	Lower	Upper
128	100		
129	22.4	9.1	13.7
127	16.1	11.1	16.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084919.D

Acq: 6 Feb 2016 18:39

Instrument :

BNA_F

ClientSampled :

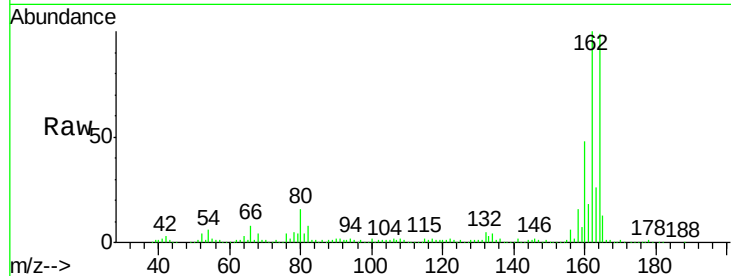
IW-1

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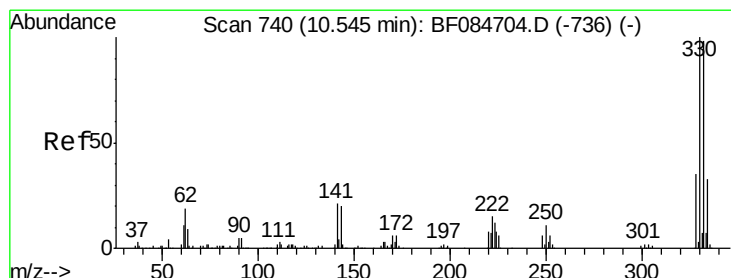
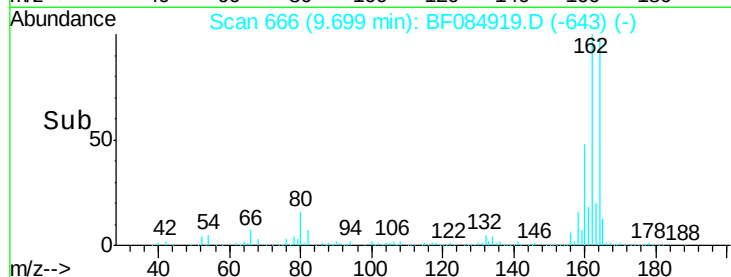
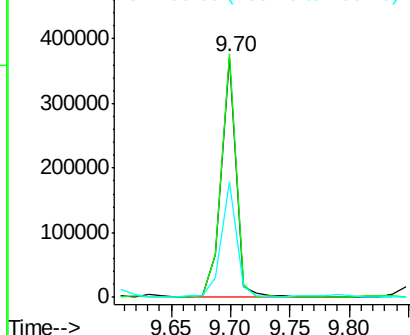
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Tot Ion:	164	Resp:	317782
Ion Ratio	Lower	Upper	
164	100		
162	101.4	85.1	127.7
160	48.2	37.5	56.3



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: 106.03 ng

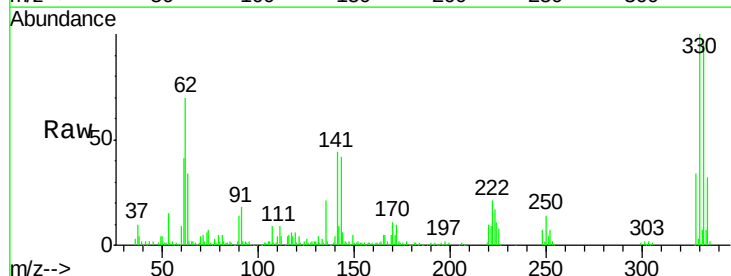
RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

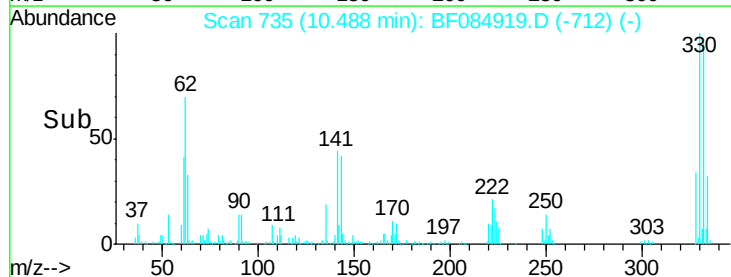
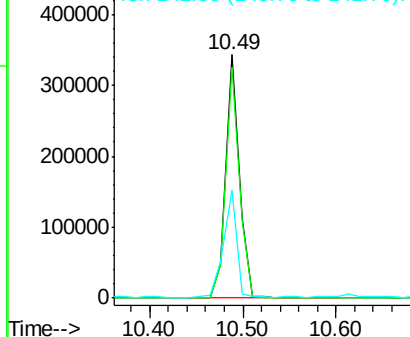
Lab File: BF084919.D

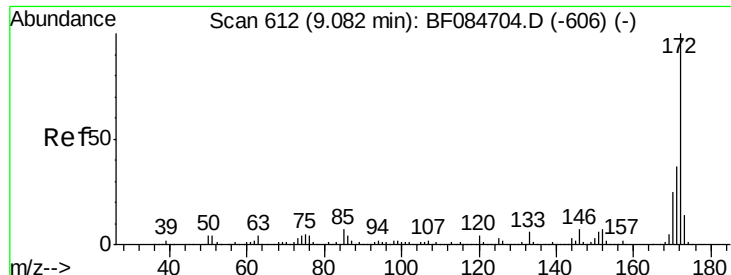
Acq: 6 Feb 2016 18:39

Tgt Ion:	330	Resp:	351463
Ion Ratio	Lower	Upper	
330	100		
332	94.7	76.6	114.8
141	40.8	27.8	41.6



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





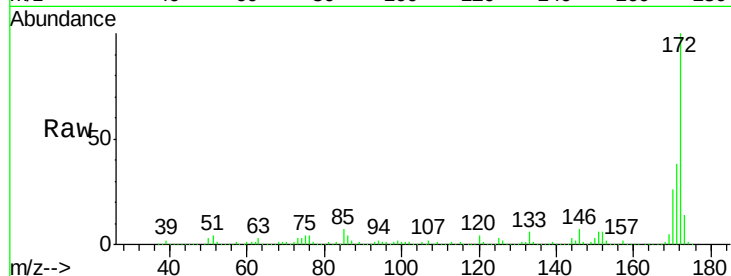
#44
2-Fluorobiphenyl
Concen: 115.18 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF084919.D
Acq: 6 Feb 2016 18:39

Instrument :
BNA_F
ClientSampled :
IW-1

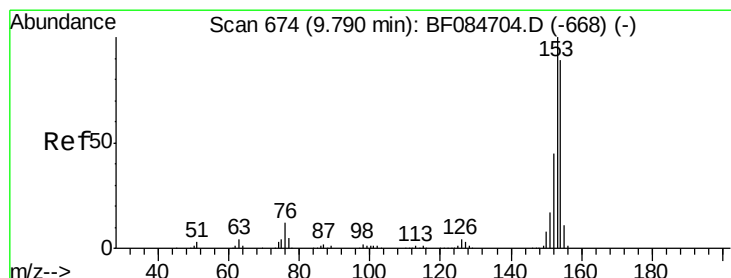
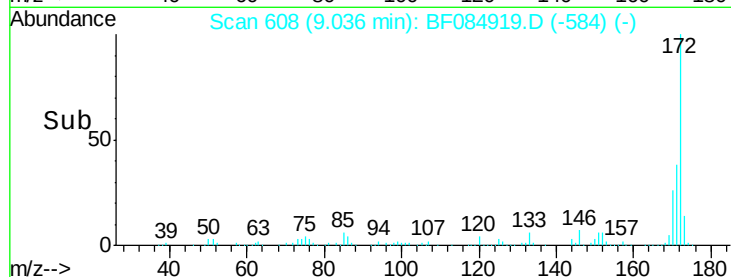
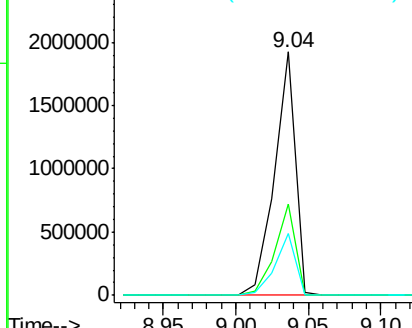
Tot Ion:172 Resp: 1915933
Ion Ratio Lower Upper
172 100
171 37.6 28.9 43.3
170 25.6 18.6 27.8

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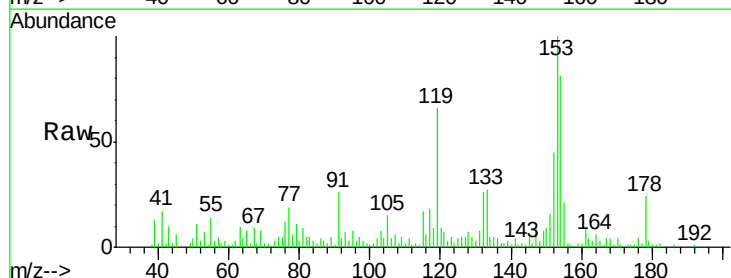


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

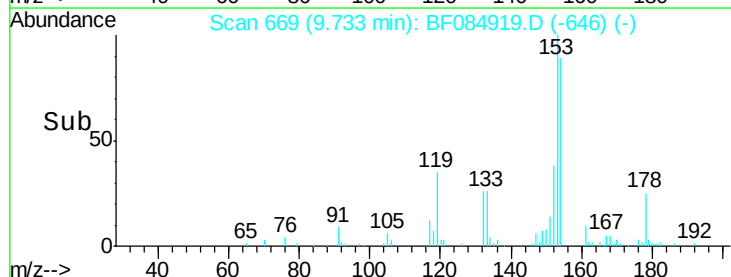
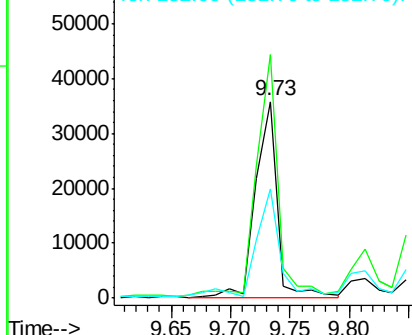


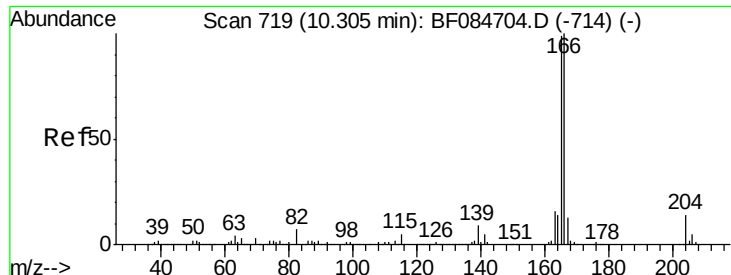
#51
Acenaphthene
Concen: 2.23 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF084919.D
Acq: 6 Feb 2016 18:39

Tgt Ion:154 Resp: 45949
Ion Ratio Lower Upper
154 100
153 124.0 91.5 137.3
152 56.0 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





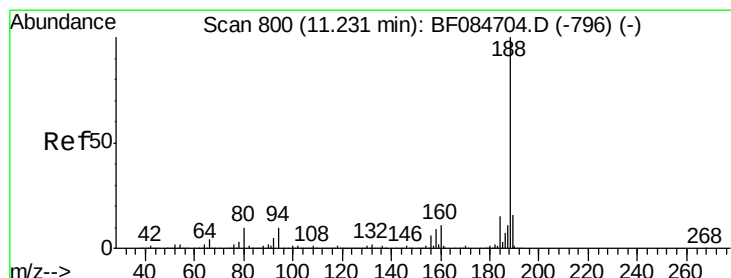
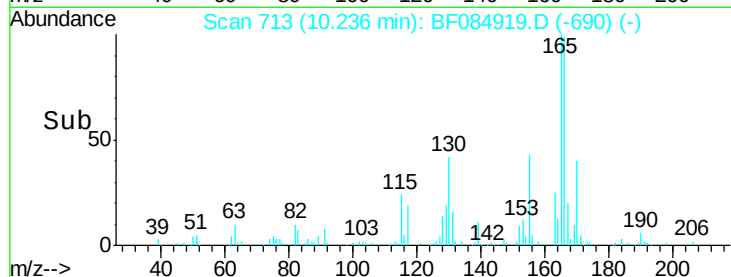
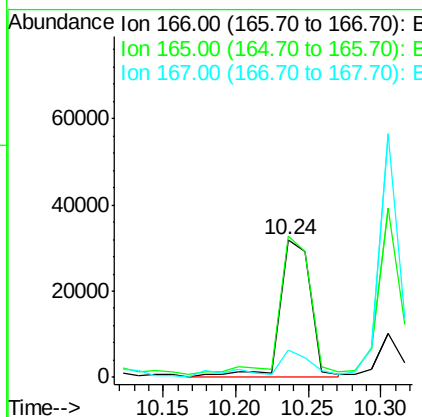
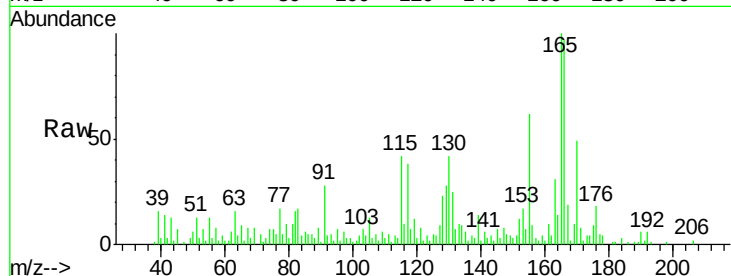
#57
Fluorene
Concen: 2.21 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF084919.D
Acq: 6 Feb 2016 18:39

Instrument :
BNA_F
ClientSampled :
IW-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	102.9	79.1	118.7		
167	20.0	10.4	15.6		

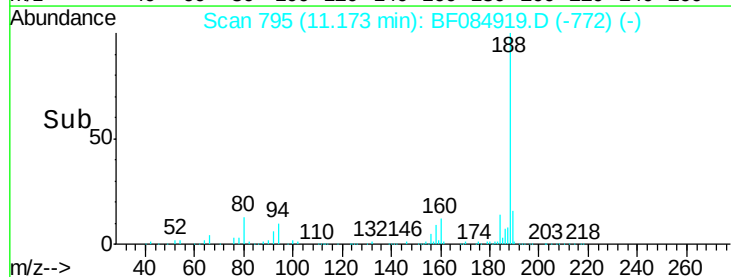
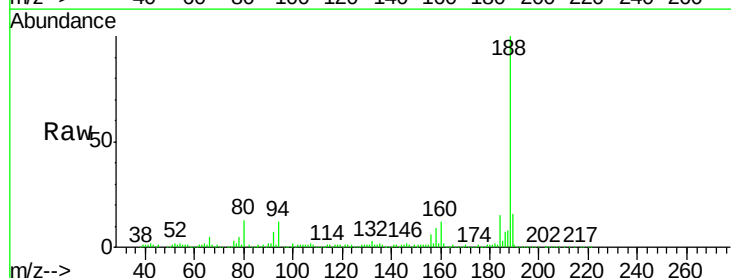
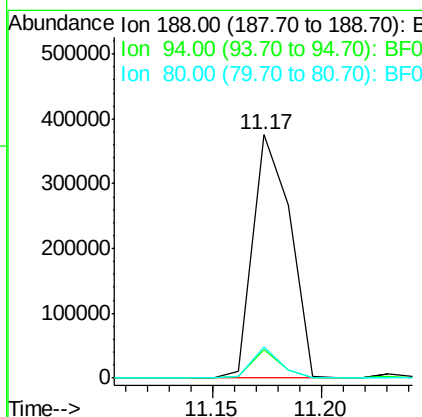
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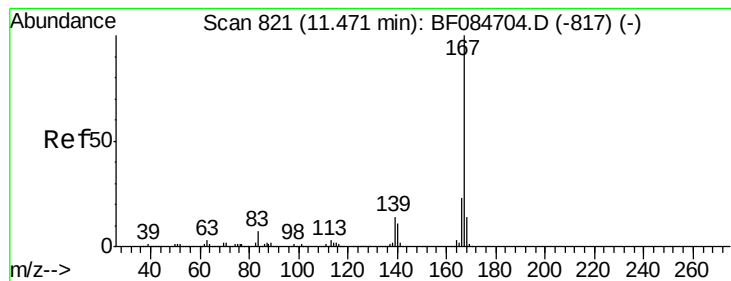
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084919.D
Acq: 6 Feb 2016 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.7	9.0	13.4		
80	13.0	9.6	14.4		





#72

Carbazole

Concen: 2.13 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF084919.D

Acq: 6 Feb 2016 18:39

Instrument :

BNA_F

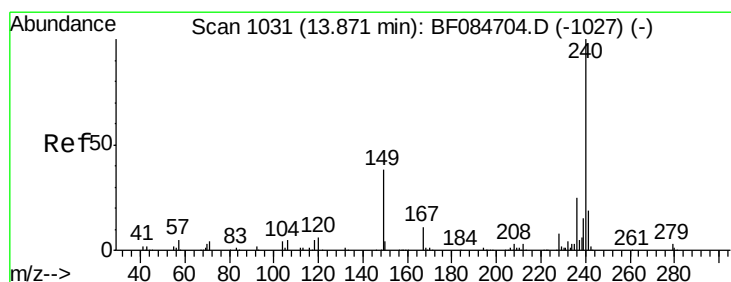
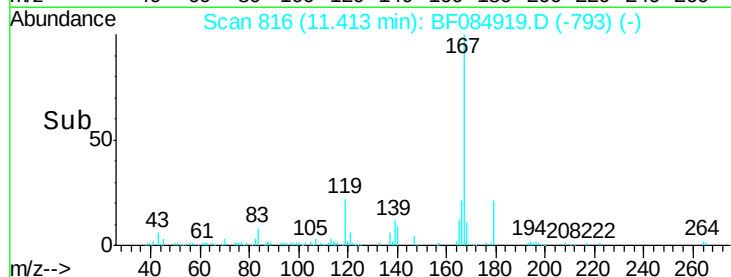
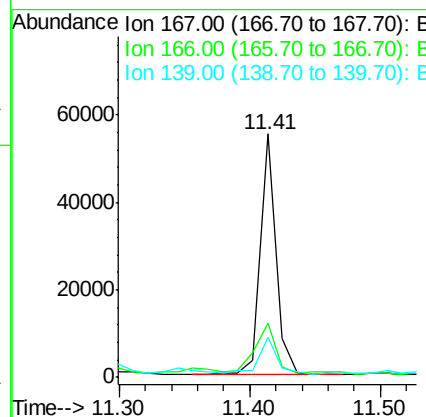
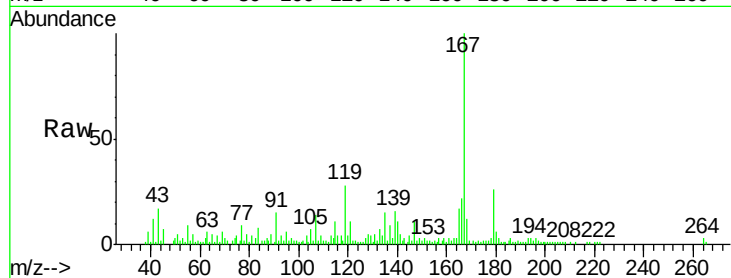
ClientSampleId :

IW-1

Tot Ion:	167	Resp:	46446
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.6	26.4
139	16.2	11.8	17.8

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

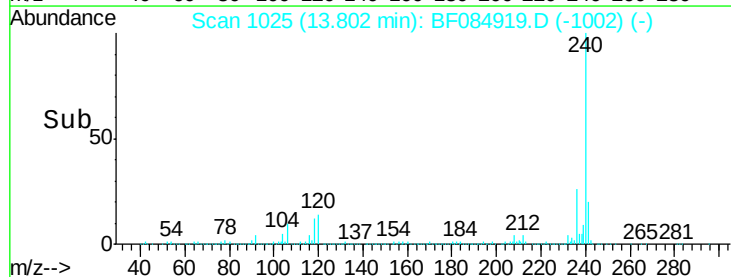
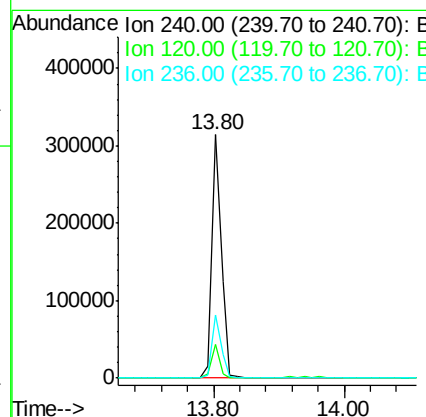
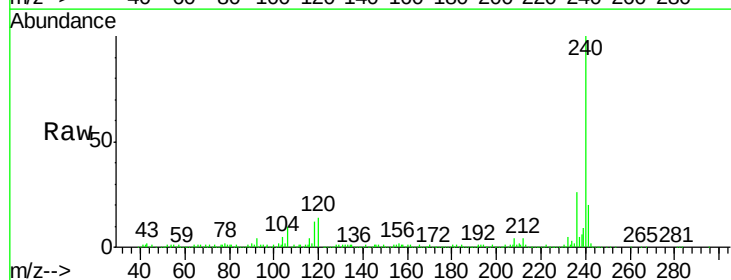
RT: 13.80 min Scan# 1025

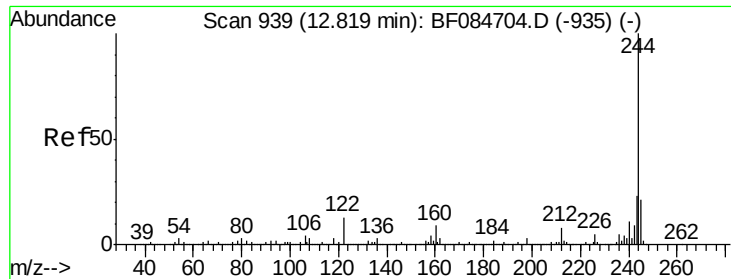
Delta R.T. -0.03 min

Lab File: BF084919.D

Acq: 6 Feb 2016 18:39

Tgt Ion:	240	Resp:	320238
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	26.1	20.6	31.0





#78

Terphenyl-d14

Concen: 76.18 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084919.D

Acq: 6 Feb 2016 18:39

Instrument :

BNA_F

ClientSampled :

IW-1

Tot Ion:244 Resp: 1076555

Ion Ratio Lower Upper

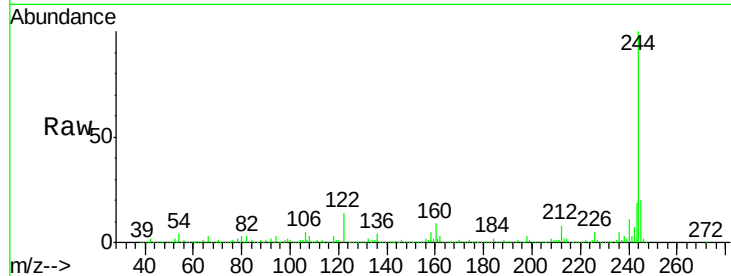
244 100

212 7.8 5.7 8.5

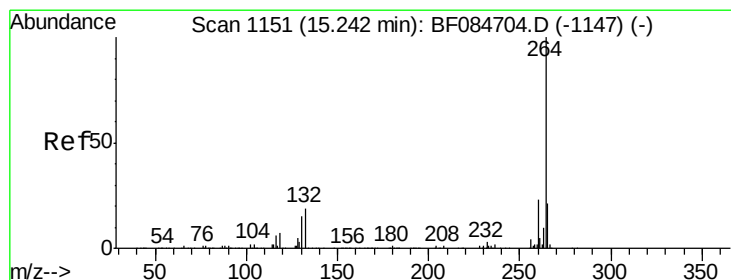
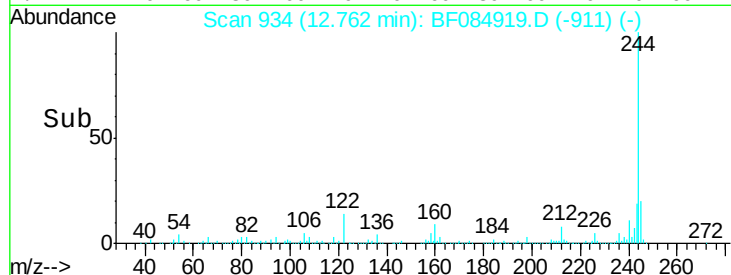
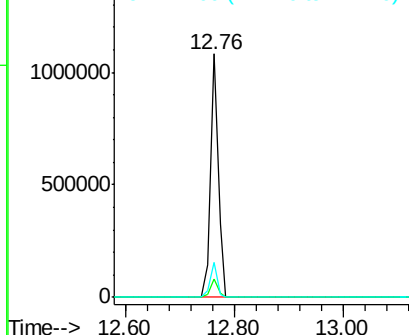
122 14.4 7.4 11.0#

Manual Integrations
APPROVED

UMANGI
2/8/2016 3:04:31 PM



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: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084919.D

Acq: 6 Feb 2016 18:39

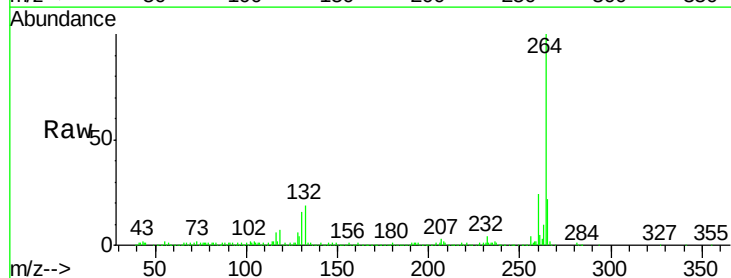
Tgt Ion:264 Resp: 327837

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.8 17.8 26.6



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

