

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082984.D
 Acq On : 17 Nov 2015 23:59
 Operator : UM/IZ
 Sample : G4407-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Manual Integrations
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 11/19/2015 8:25:26 AM

Quant Time: Nov 18 06:19:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	172888	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	672815	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	347652	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	653425	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	593906	20.00	ng	-0.11
86) Perylene-d12	15.30	264	422755	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	820428	73.84	ng	-0.09
7) Phenol-d6	6.40	99	740667	50.14	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1409719	91.17	ng	-0.09
41) 2,4,6-Tribromophenol	10.59	330	536883	134.69	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	2180040	89.87	ng	-0.09
78) Terphenyl-d14	12.87	244	1945186	77.68	ng	-0.10
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.85	142	431713	17.98	ng	96
48) Acenaphthylene	9.65	152	86748	2.38	ng	# 85
49) Dimethylphthalate	9.52	163	106385	3.73	ng	100
51) Acenaphthene	9.82	154	490037	21.20	ng	99
54) Dibenzofuran	10.00	168	165153	5.30	ng	# 87
57) Fluorene	10.34	166	459585m	18.21	ng	

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

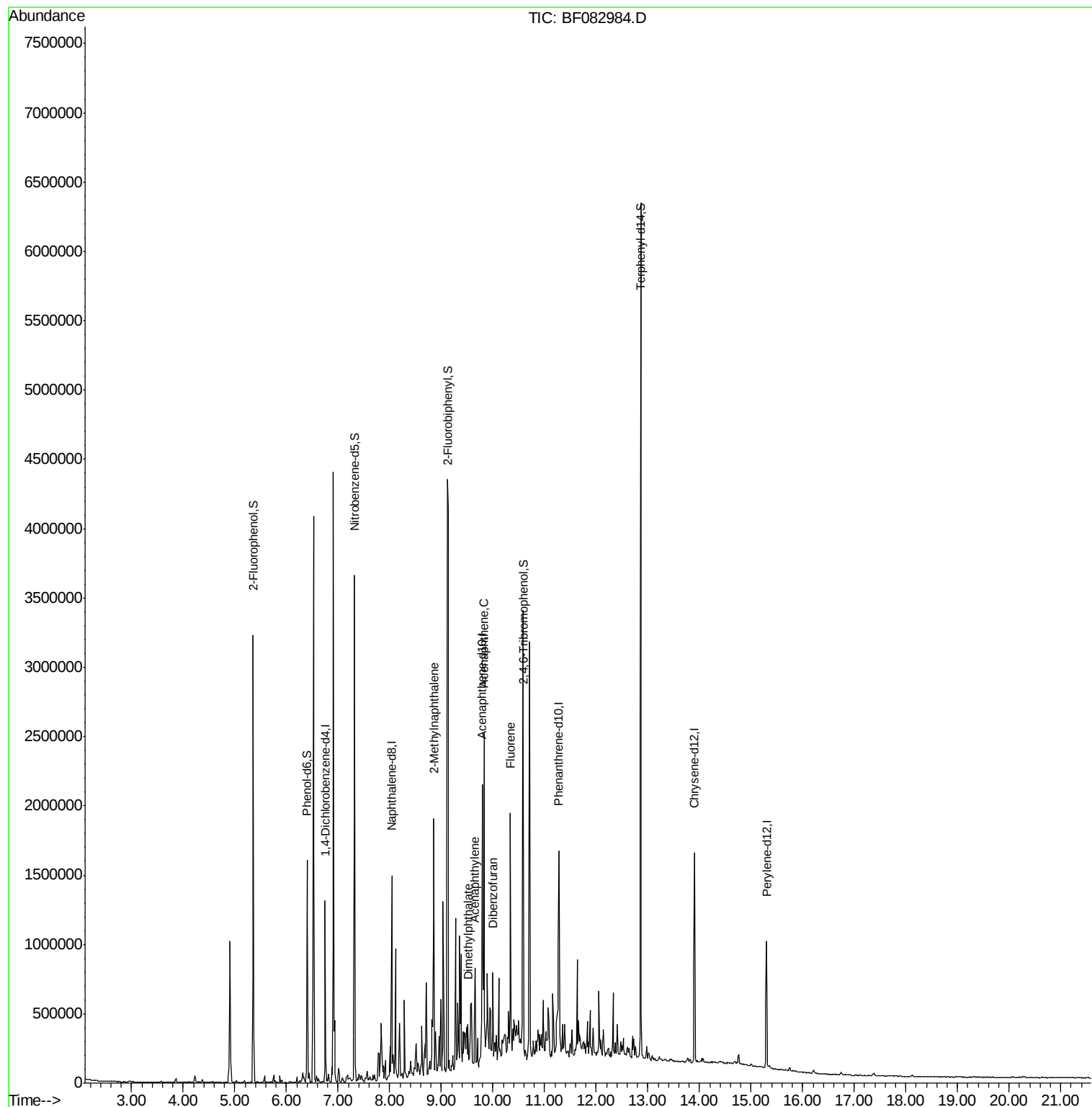
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082984.D
Acq On : 17 Nov 2015 23:59
Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

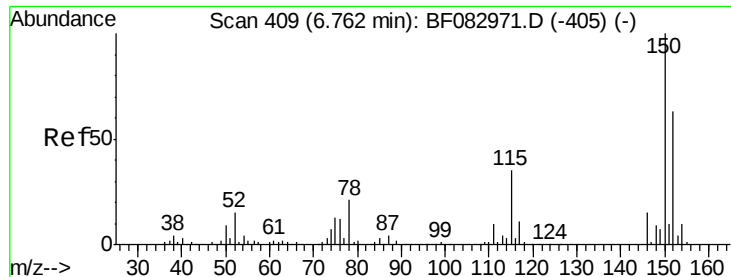
Instrument :
BNA_F
ClientSampleId :
MW-9

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11/19/2015 8:25:26 AM

Quant Time: Nov 18 06:19:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

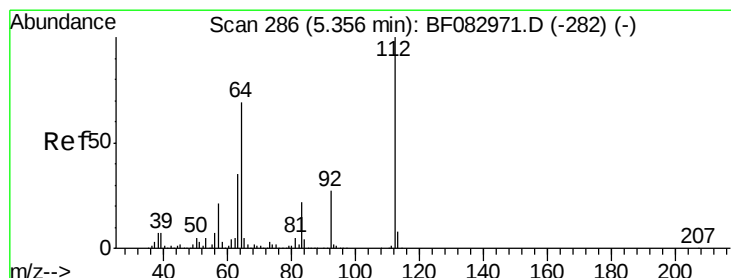
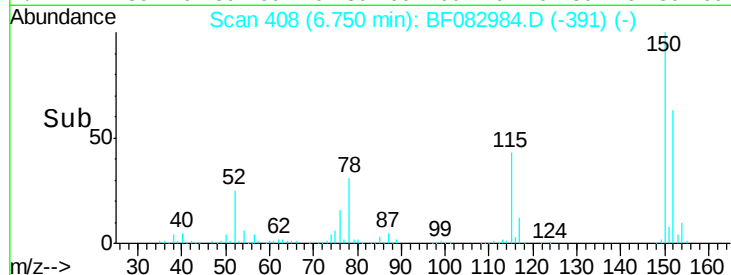
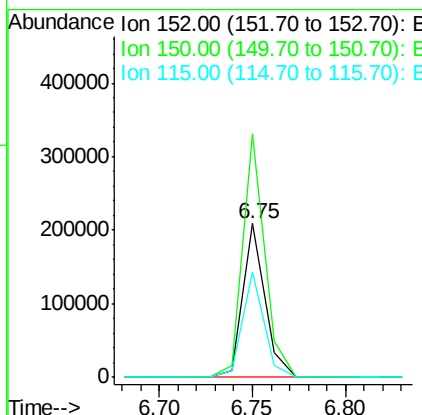
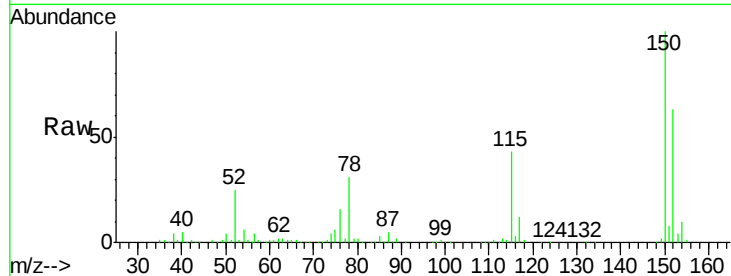
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.10 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	172888		
150	158.7	127.0	190.4	
115	68.7	47.0	70.6	

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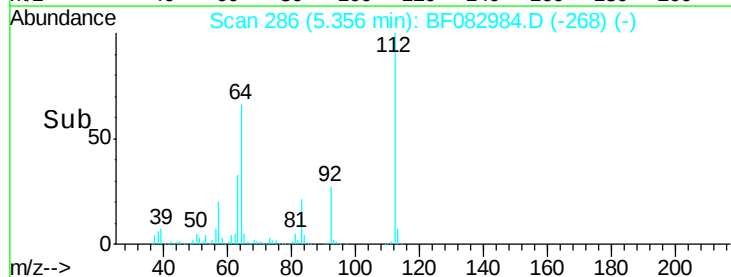
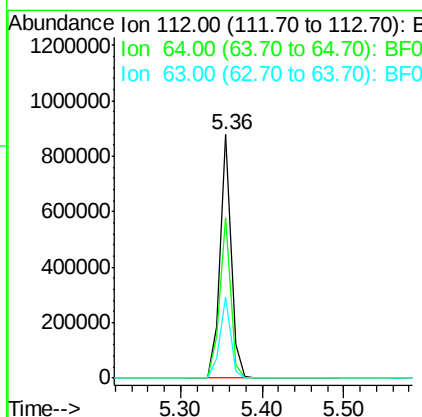
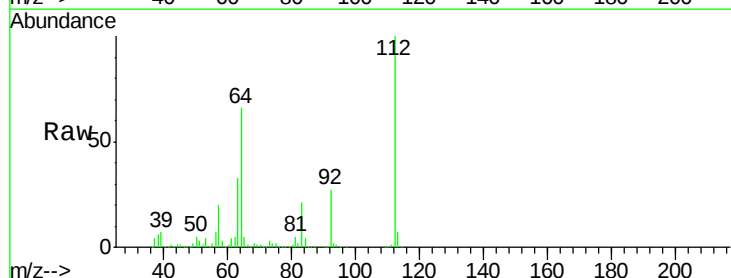
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#5

2-Fluorophenol
Concen: 73.84 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.09 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	820428		
64	65.8	48.9	73.3	
63	33.2	28.1	42.1	





#7

Phenol-d6

Concen: 50.14 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

Instrument :

BNA_F

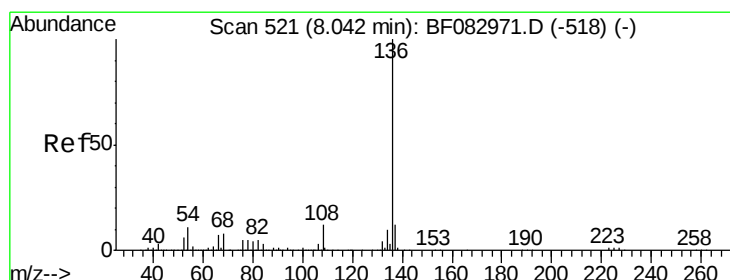
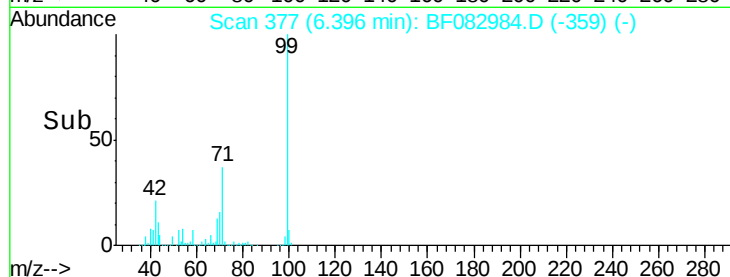
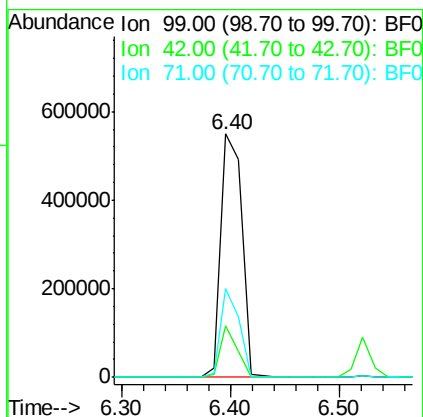
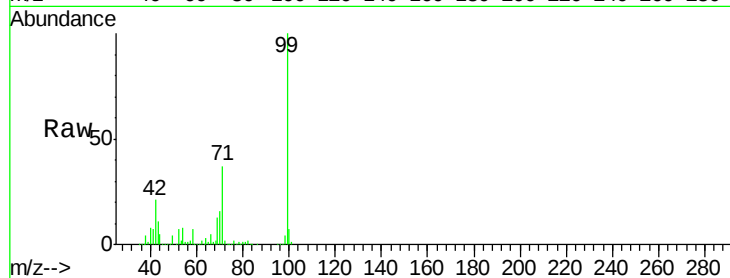
ClientSampleId :

MW-9

Tgt Ion:	99	Resp:	740667
Ion Ratio	Lower	Upper	
99	100		
42	21.1	19.2	28.8
71	36.5	35.0	52.4

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#21

Naphthalene-d8

Concen: 20.00 ng

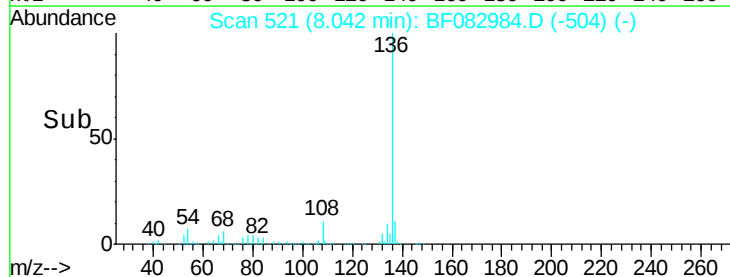
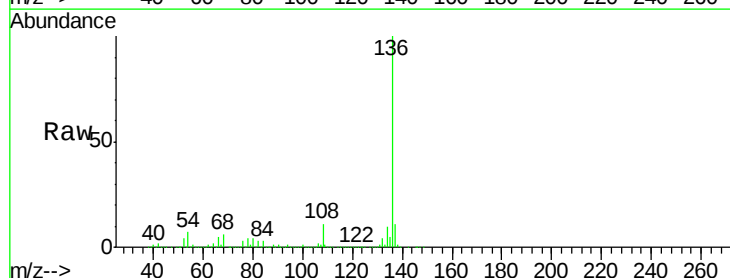
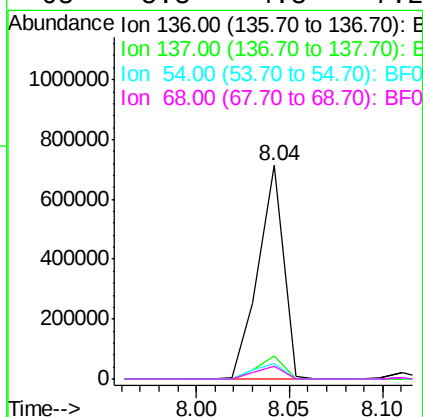
RT: 8.04 min Scan# 521

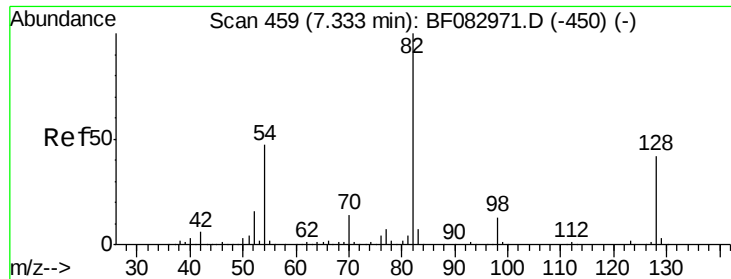
Delta R.T. -0.10 min

Lab File: BF082984.D

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Tgt Ion:	136	Resp:	672815
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	7.2	9.1	13.7#
68	5.8	4.8	7.2





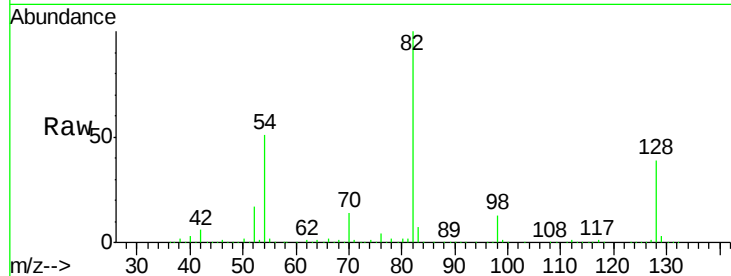
#23
Nitrobenzene-d5
Concen: 91.17 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.09 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

Instrument :
BNA_F
ClientSampleId :
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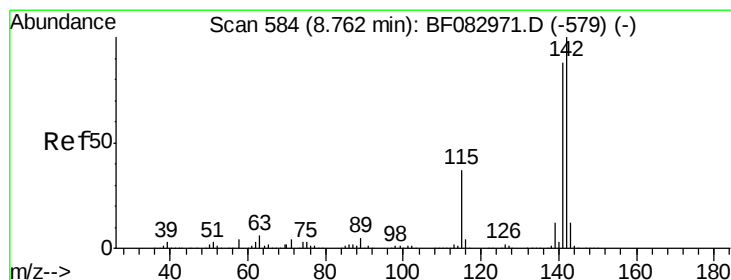
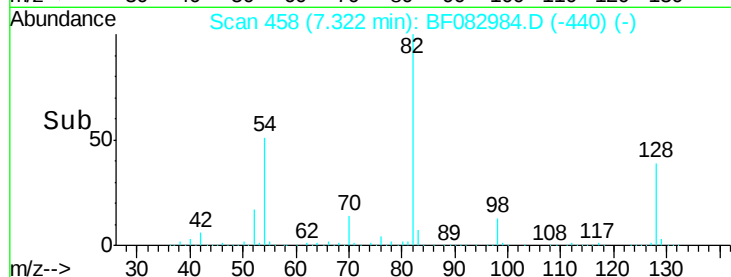
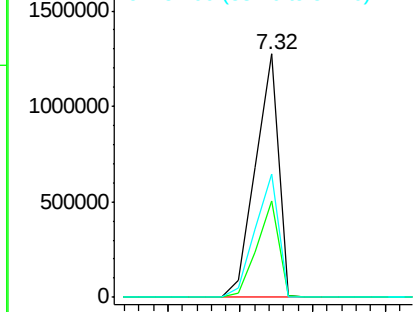
Tgt Ion: 82 Resp: 1409719
Ion Ratio Lower Upper
82 100
128 39.4 26.8 40.2
54 50.7 45.7 68.5

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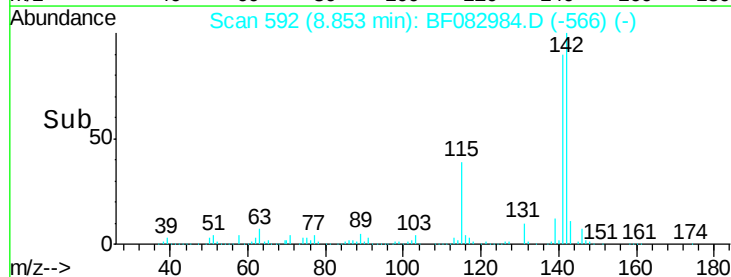
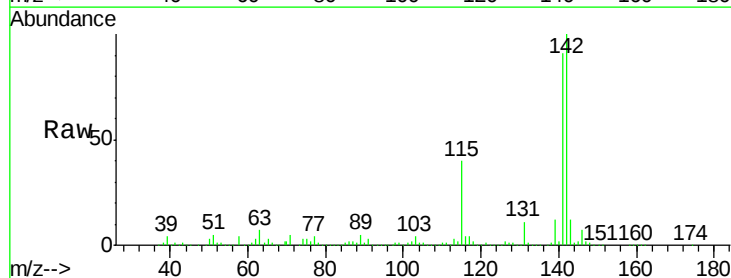
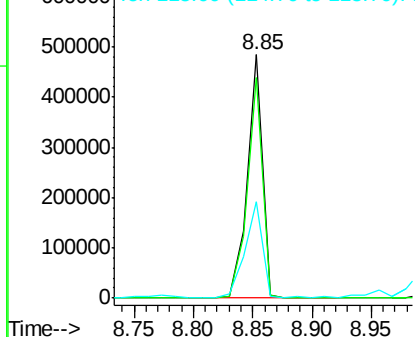
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

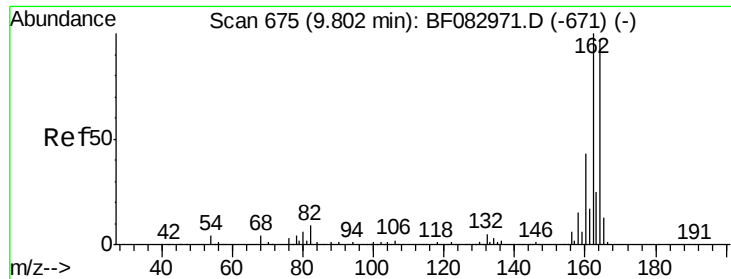


#37
2-Methylnaphthalene
Concen: 17.98 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

Tgt Ion: 142 Resp: 431713
Ion Ratio Lower Upper
142 100
141 90.5 72.3 108.5
115 39.8 38.1 57.1

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.10 min

Lab File: BF082984.D

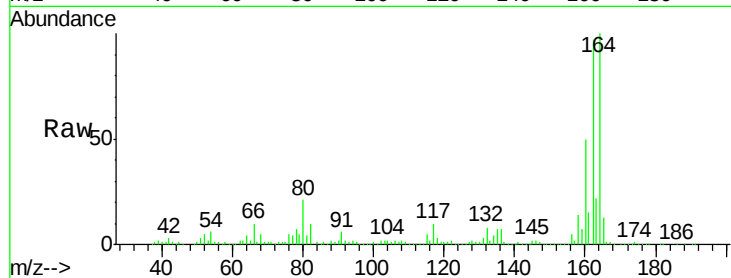
Acq: 17 Nov 2015 23:59

Instrument :

BNA_F

ClientSampleId :

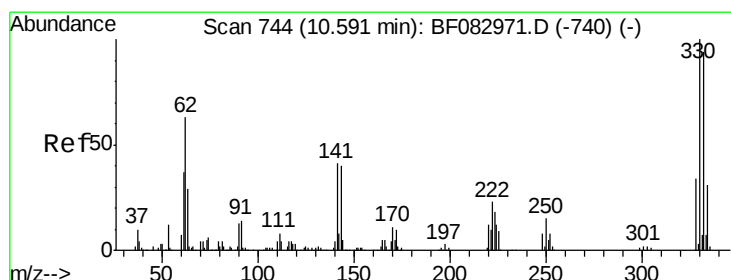
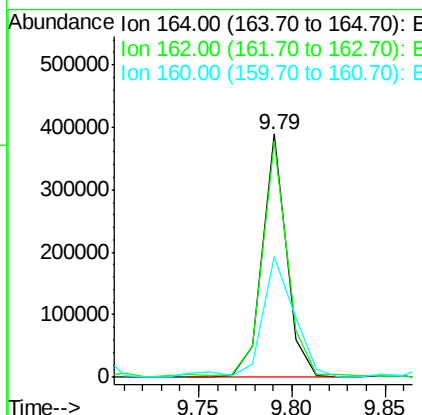
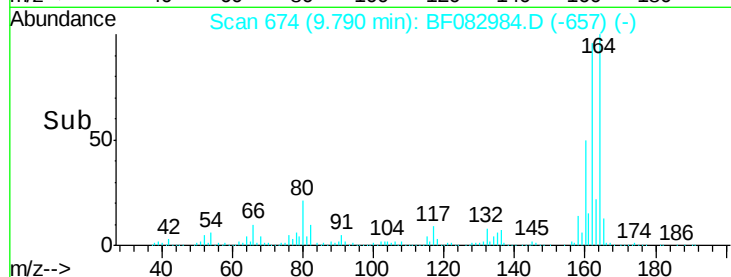
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Tgt Ion:	164	Resp:	347652
Ion Ratio	Lower	Upper	
164	100		
162	96.8	84.9	127.3
160	49.6	37.5	56.3

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#41

2,4,6-Tribromophenol

Concen: 134.69 ng

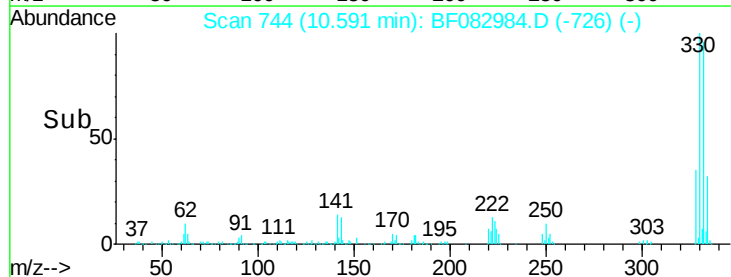
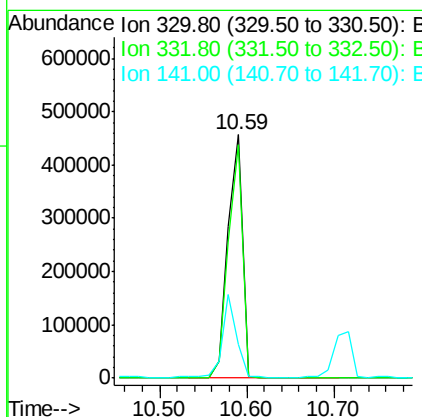
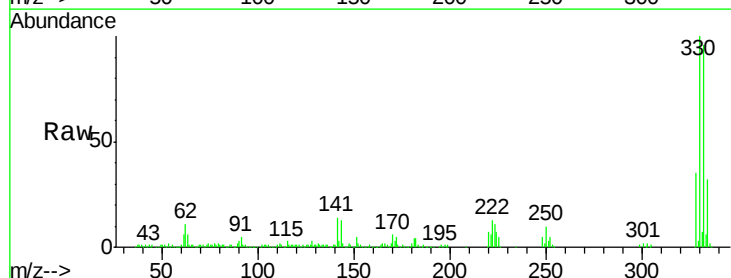
RT: 10.59 min Scan# 744

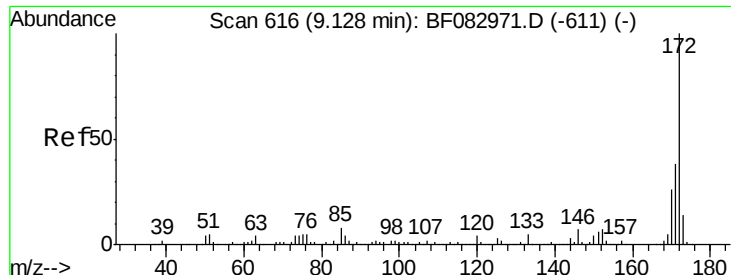
Delta R.T. -0.09 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

Tgt Ion:	330	Resp:	536883
Ion Ratio	Lower	Upper	
330	100		
332	93.9	76.6	114.8
141	33.4	41.2	61.8#





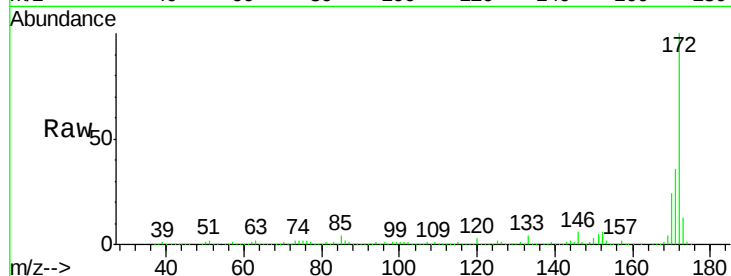
#44
 2-Fluorobiphenyl
 Concen: 89.87 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.09 min
 Lab File: BF082984.D
 Acq: 17 Nov 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :
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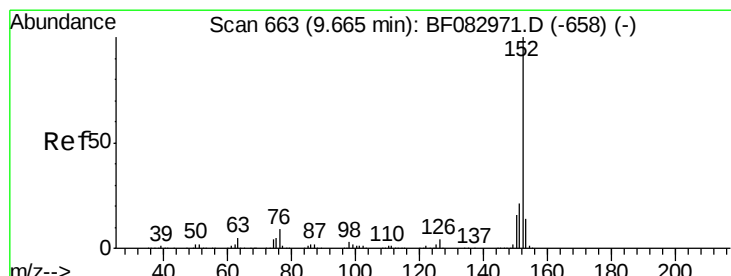
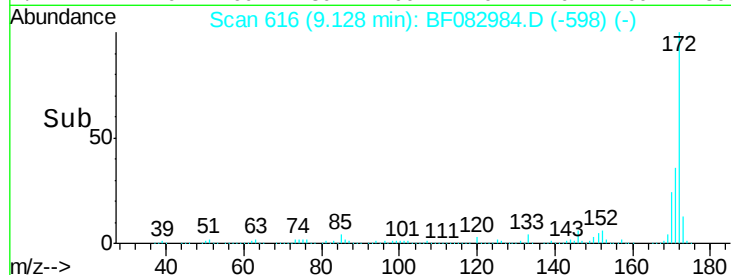
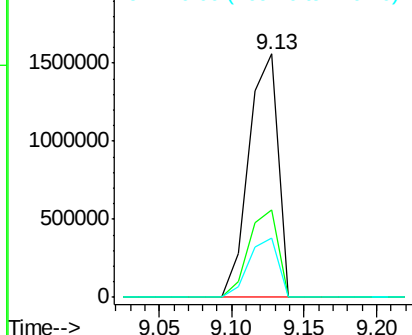
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.8	46.2
170	24.5	21.2	31.8

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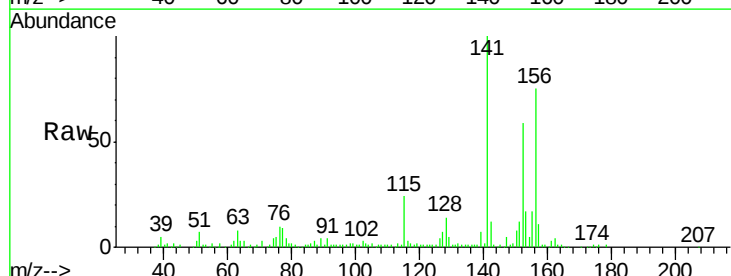


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

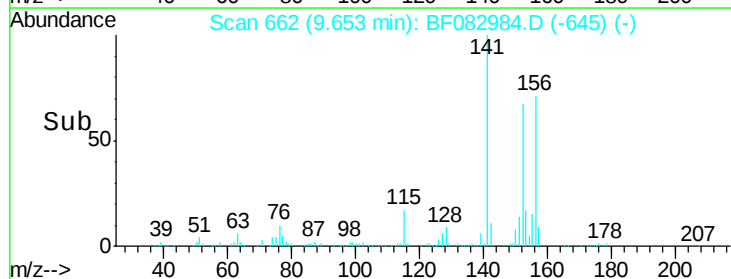
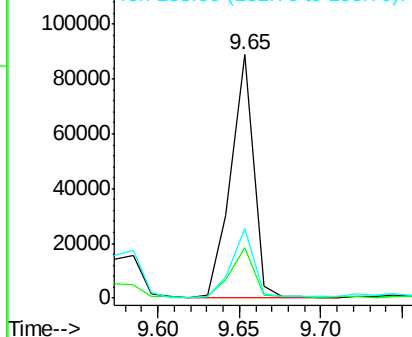


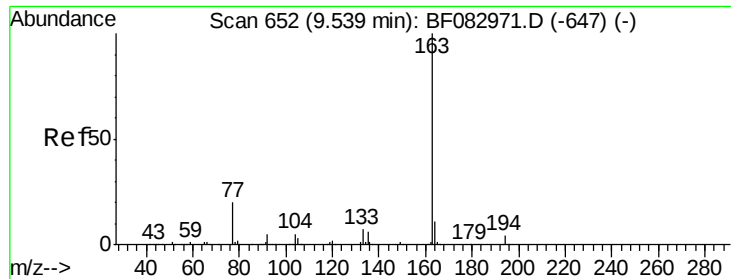
#48
 Acenaphthylene
 Concen: 2.38 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.10 min
 Lab File: BF082984.D
 Acq: 17 Nov 2015 23:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.3	25.9
153	28.5	11.3	16.9#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





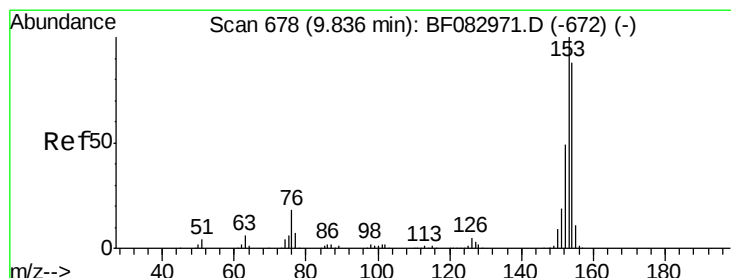
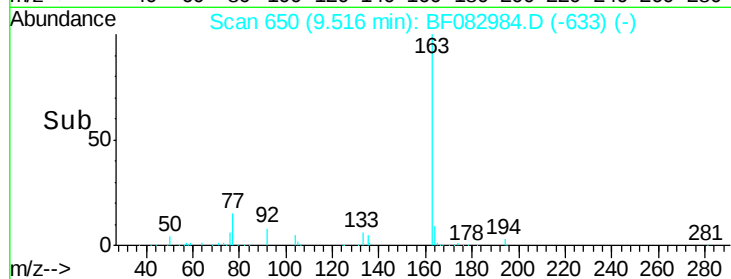
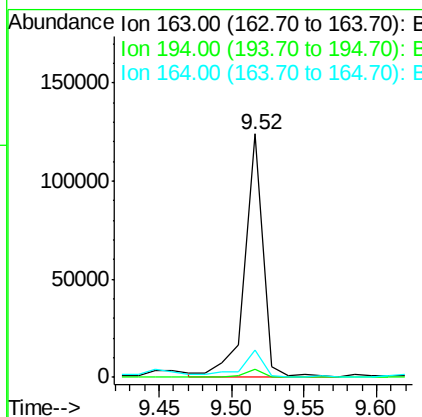
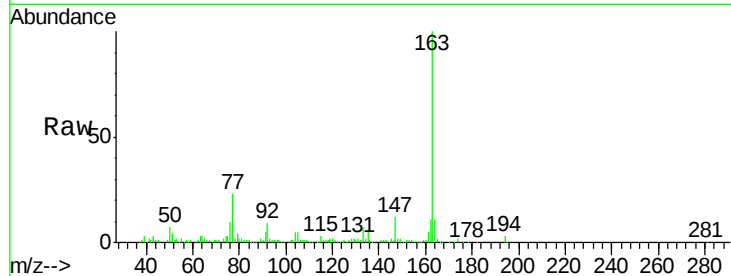
#49
Dimethylphthalate
Concen: 3.73 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.10 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	11.0	8.7	13.1

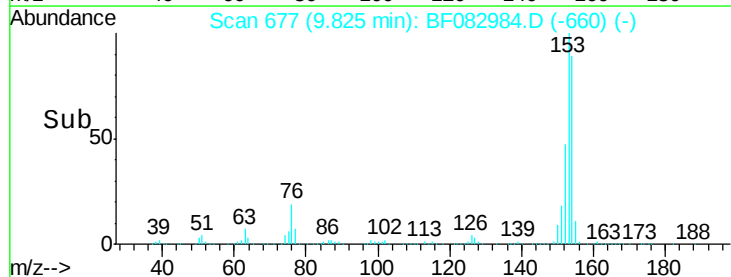
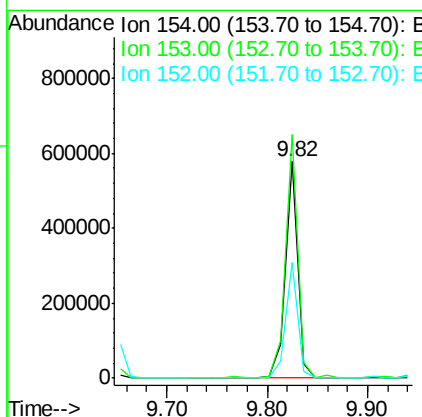
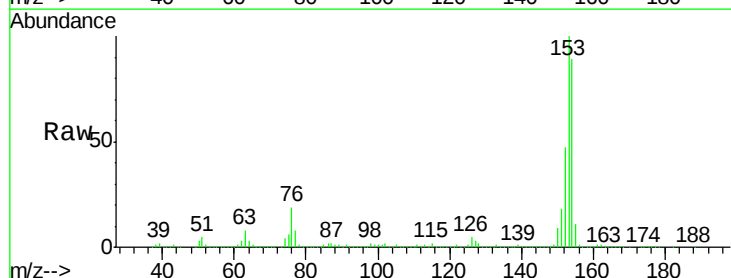
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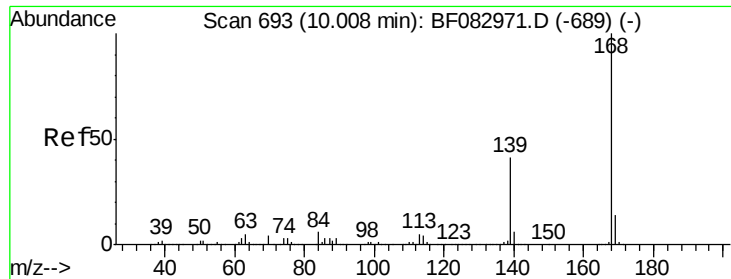
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#51
Acenaphthene
Concen: 21.20 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.10 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.6	90.1	135.1
152	53.4	44.3	66.5





#54

Dibenzofuran

Concen: 5.30 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.10 min

Lab File: BF082984.D

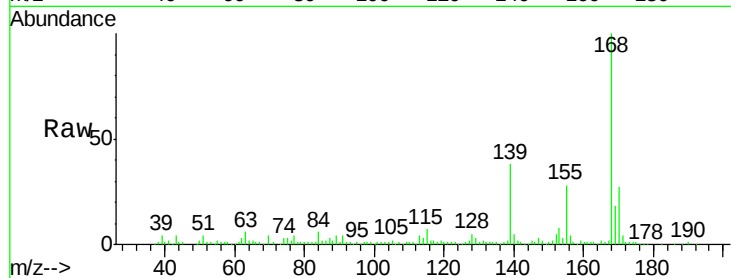
Acq: 17 Nov 2015 23:59

Instrument :

BNA_F

ClientSampleId :

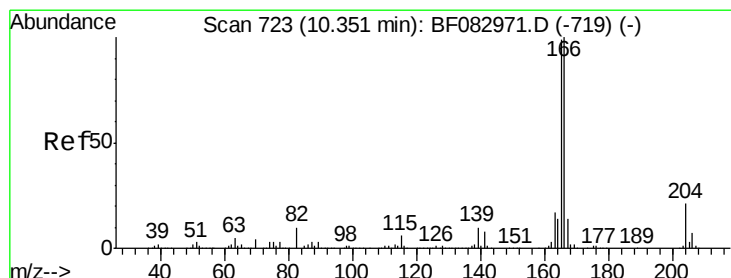
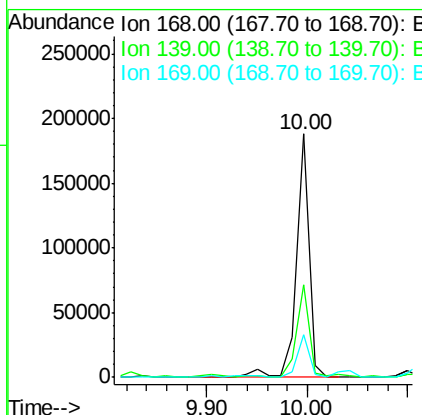
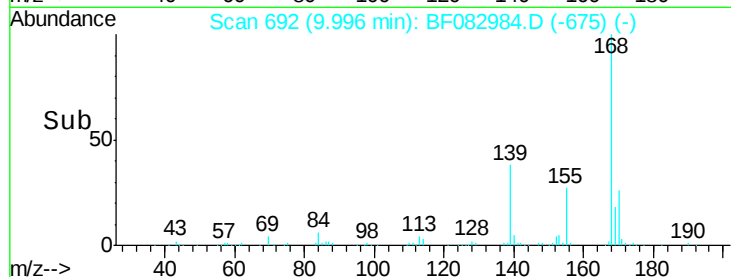
MW-9



Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	37.8	56.6
169	17.6	11.3	16.9#

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#57

Fluorene

Concen: 18.21 ng m

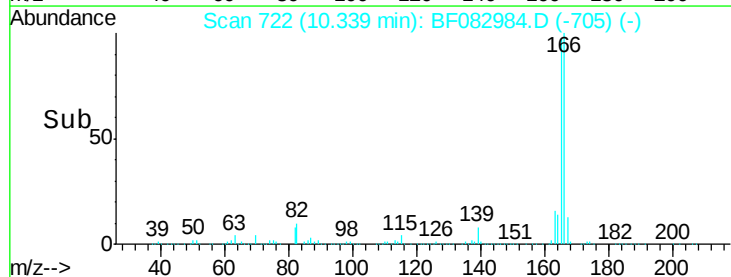
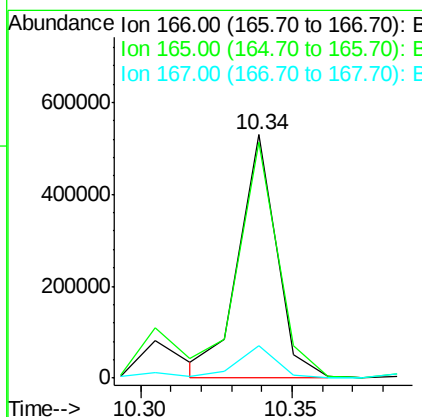
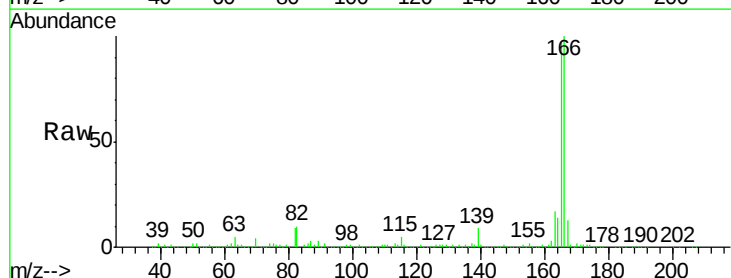
RT: 10.34 min Scan# 722

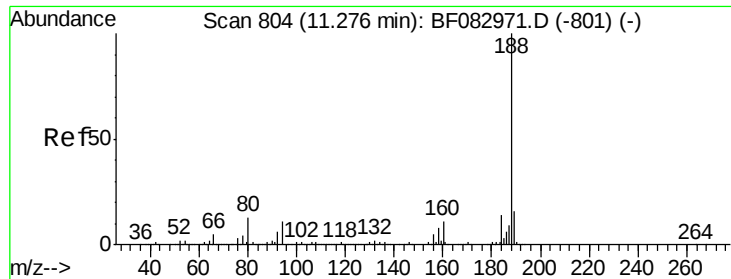
Delta R.T. -0.10 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	80.2	120.4
167	13.4	11.2	16.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.10 min

Lab File: BF082984.D

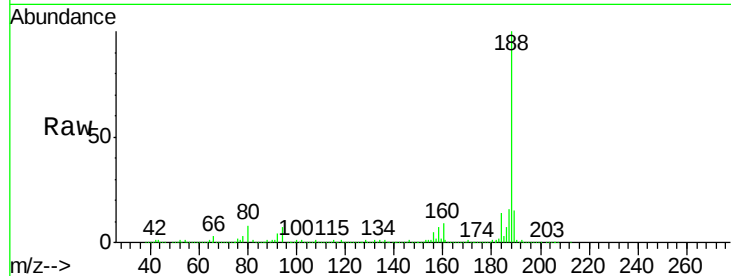
Acq: 17 Nov 2015 23:59

Instrument :

BNA_F

ClientSampleId :

MW-9



Tgt Ion:188 Resp: 653425

Ion Ratio Lower Upper

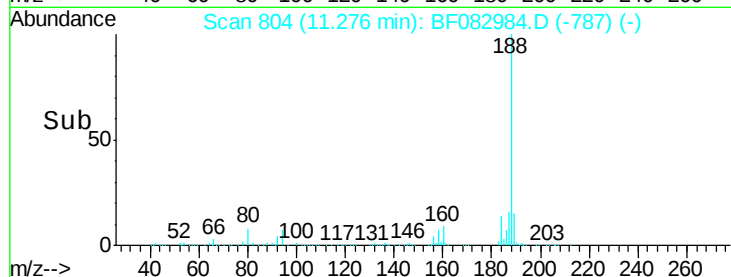
188 100

94 6.8 6.1 9.1

80 7.8 7.0 10.6

Manual Integrations
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mohammad
11/19/2015 8:25:26 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

800000

600000

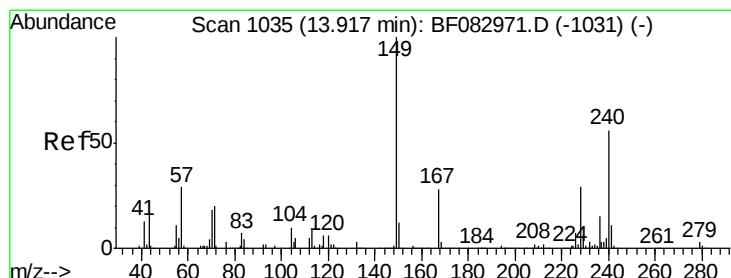
400000

200000

0

11.20 11.25 11.30

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

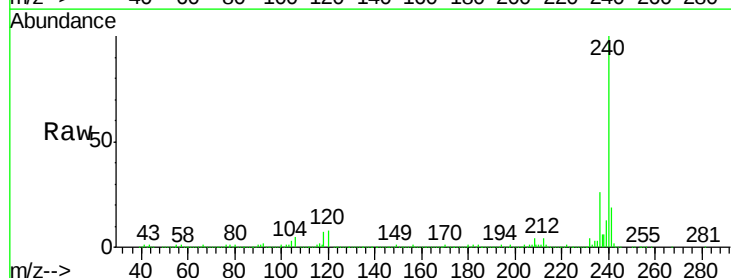
Tgt Ion:240 Resp: 593906

Ion Ratio Lower Upper

240 100

120 7.8 10.9 16.3#

236 25.9 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

800000

600000

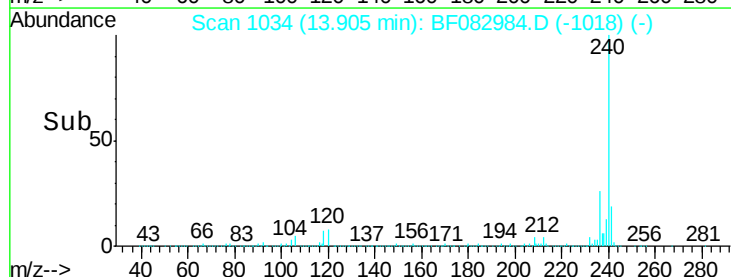
400000

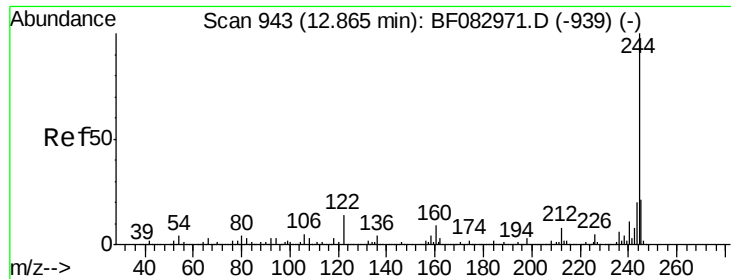
200000

0

13.80 13.90 14.00

Time-->





#78

Terphenyl-d14

Concen: 77.68 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082984.D

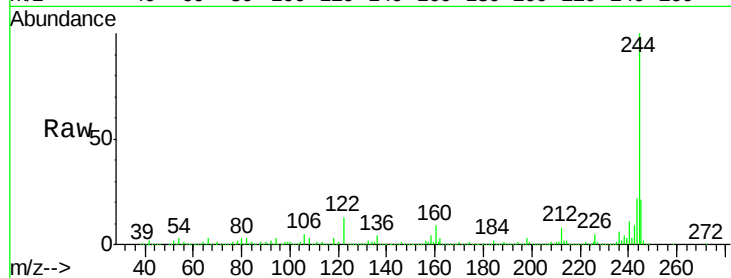
Acq: 17 Nov 2015 23:59

Instrument :

BNA_F

ClientSampleId :

MW-9



Tgt Ion:244 Resp: 1945186

Ion Ratio Lower Upper

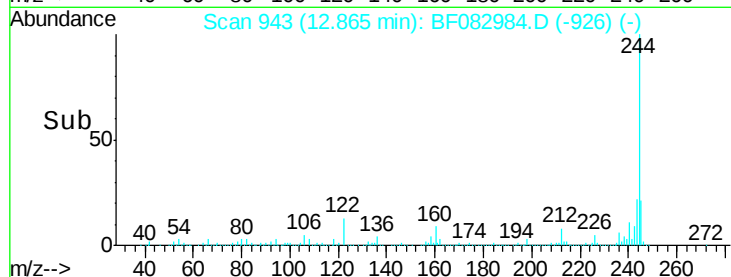
244 100

212 8.4 7.6 11.4

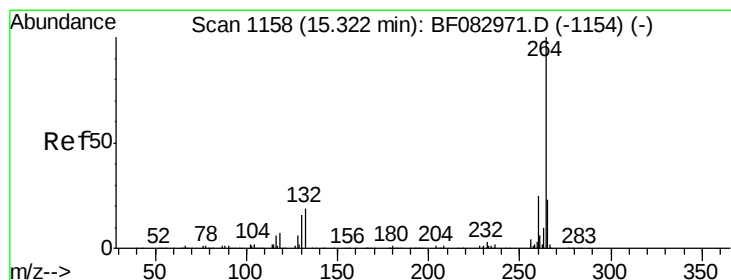
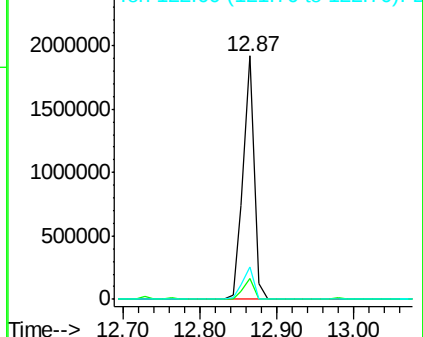
122 13.2 11.3 16.9

Manual Integrations
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mohammad
11/19/2015 8:25:26 AM



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: 15.30 min Scan# 1156

Delta R.T. -0.16 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

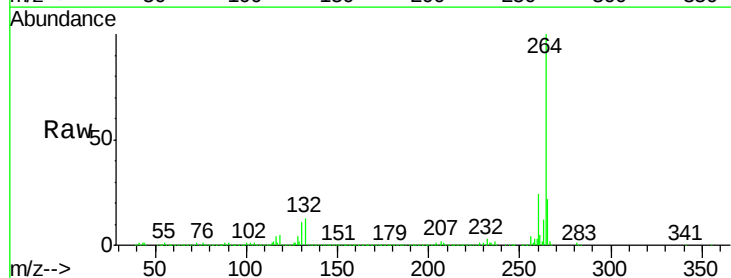
Tgt Ion:264 Resp: 422755

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.9 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

