

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082997.D
 Acq On : 18 Nov 2015 6:25
 Operator : UM/IZ
 Sample : G4423-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GOODLUCK 58

Manual Integrations
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Quant Time: Nov 18 07:30:31 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	156332m	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	642714	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	319298	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	559449	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	508100	20.00	ng	-0.11
86) Perylene-d12	15.30	264	338970	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1071640	106.66	ng	-0.08
7) Phenol-d6	6.41	99	1476560	110.54	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1124701	76.14	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	359214	98.12	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1610879	72.31	ng	-0.10
78) Terphenyl-d14	12.86	244	1675183	78.20	ng	-0.10
Target Compounds						
51) Acenaphthene	9.82	154	77550	3.65	ng	Qvalue 98
54) Dibenzofuran	10.00	168	115135	4.02	ng	# 84
57) Fluorene	10.34	166	132842	5.73	ng	96
70) Phenanthrene	11.30	178	490764m	15.11	ng	
71) Anthracene	11.34	178	134508m	3.93	ng	
72) Carbazole	11.50	167	622027	20.76	ng	97
74) Fluoranthene	12.48	202	183613	5.27	ng	97
76) Benzidine	12.66	184	94609	5.56	ng	# 94
77) Pyrene	12.70	202	110685	3.17	ng	97

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

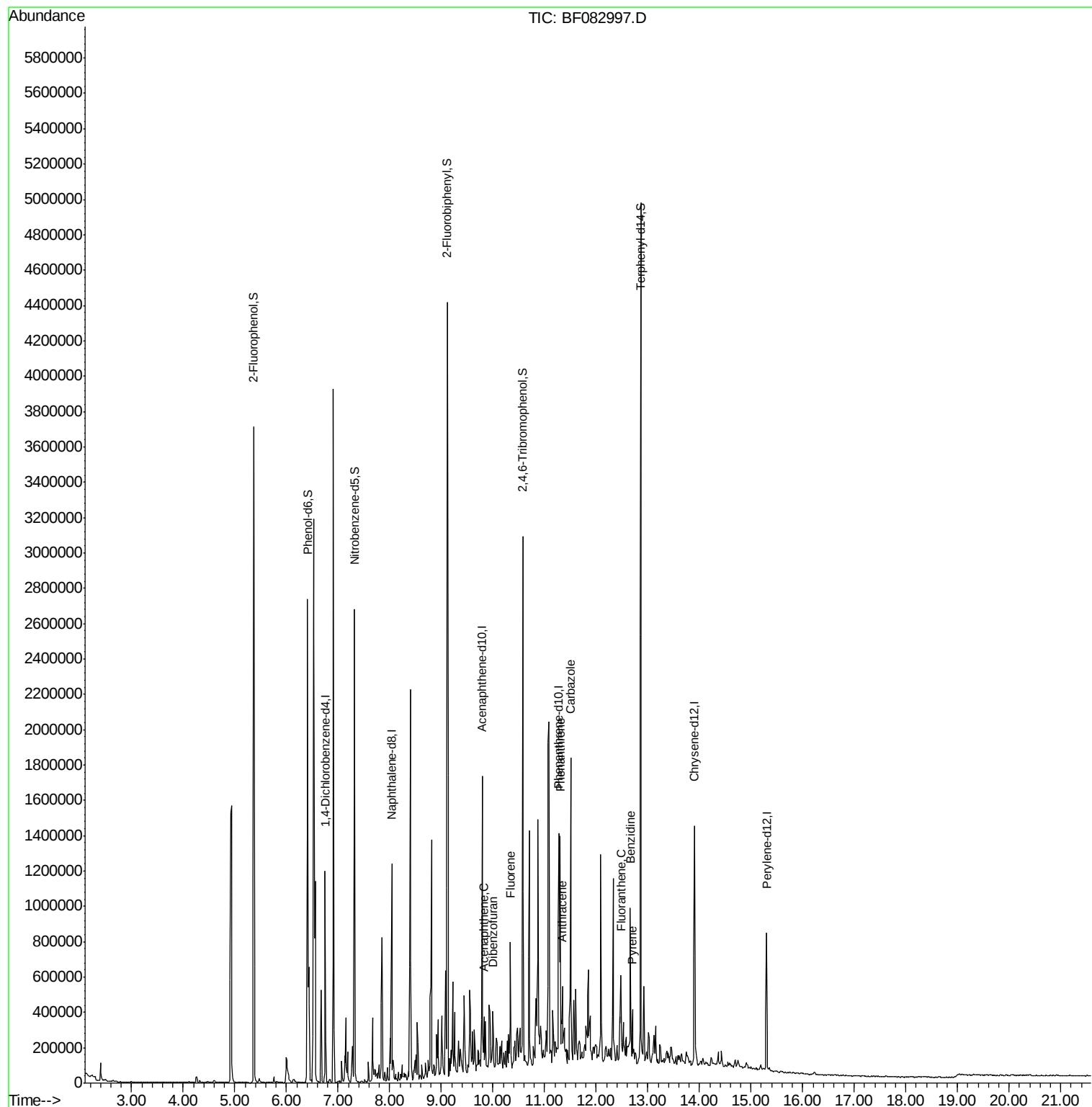
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
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Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

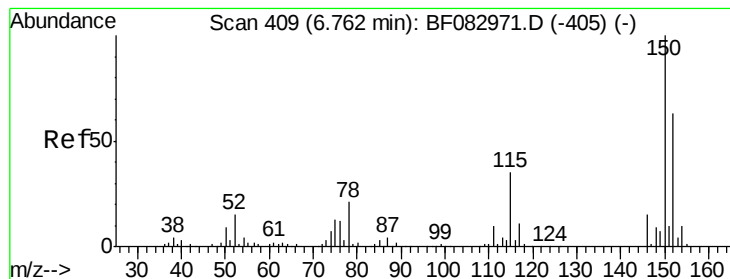
Instrument :
BNA_F
ClientSampleId :
GOODLUCK 58

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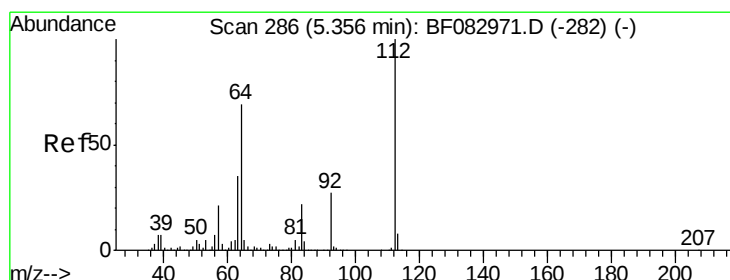
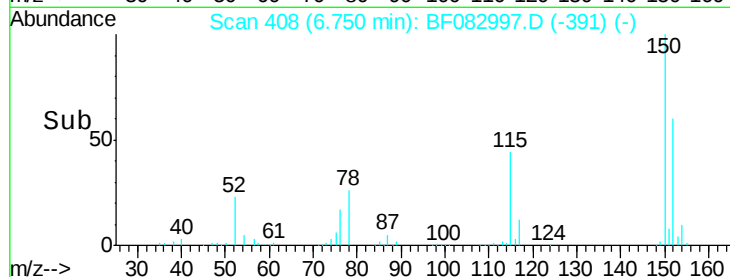
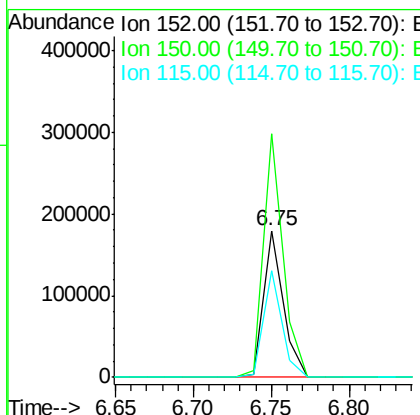
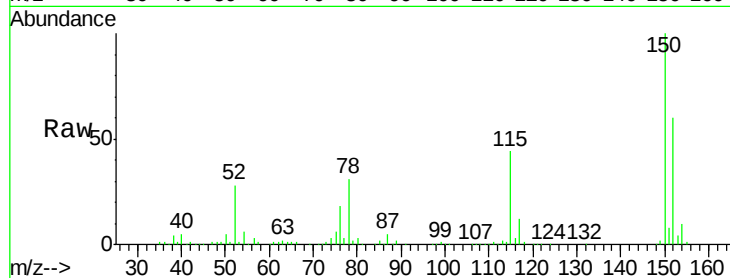
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng m
 RT: 6.75 min Scan# 408
 Delta R.T. -0.10 min
 Lab File: BF082997.D
 Acq: 18 Nov 2015 6:25

Instrument :
 BNA_F
 ClientSampleId :
 GOODLUCK 58

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156332		
150	166.2	127.0	190.4	
115	72.7	47.0	70.6	

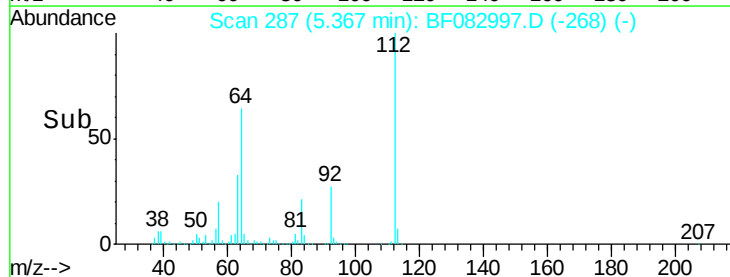
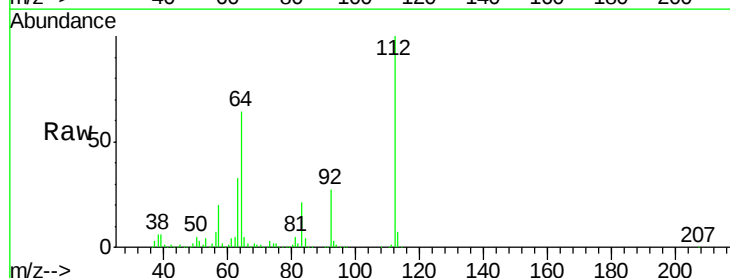
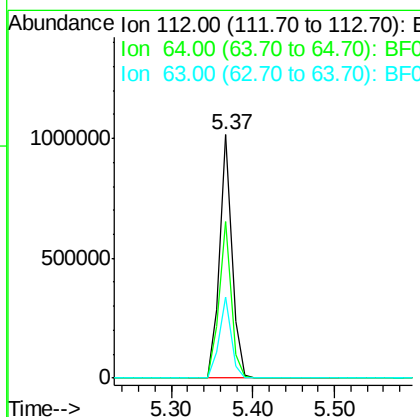
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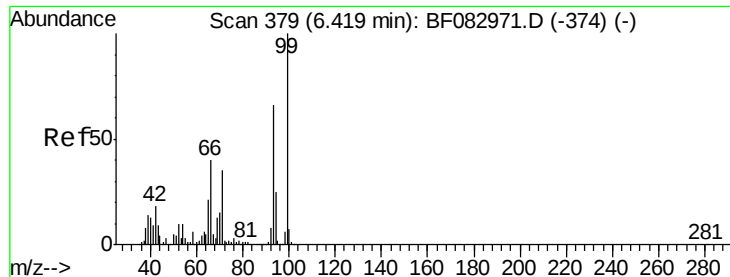
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#5
 2-Fluorophenol
 Concen: 106.66 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.08 min
 Lab File: BF082997.D
 Acq: 18 Nov 2015 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1071640		
64	64.4	48.9	73.3	
63	33.4	28.1	42.1	





#7

Phenol-d6

Concen: 110.54 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082997.D

Acq: 18 Nov 2015 6:25

Instrument :

BNA_F

ClientSampleId :

GOODLUCK 58

Tgt Ion: 99 Resp: 1476560

Ion Ratio Lower Upper

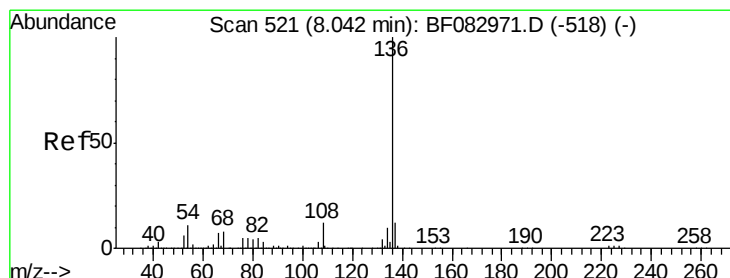
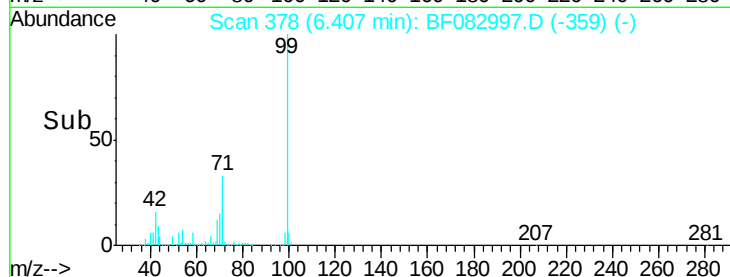
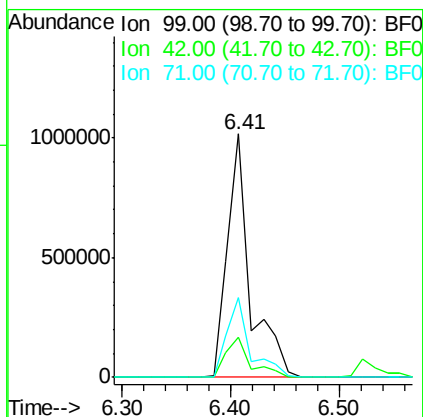
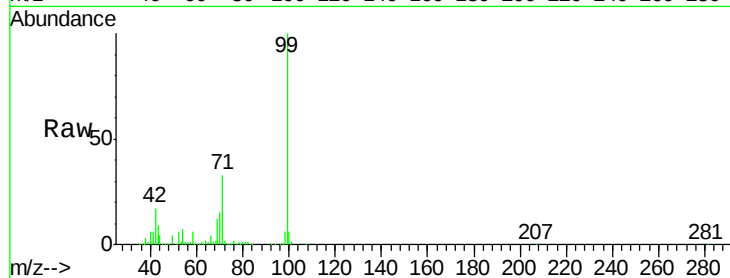
99 100

42 16.5 19.2 28.8#

71 32.9 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: BF082997.D

Acq: 18 Nov 2015 6:25

Tgt Ion: 136 Resp: 642714

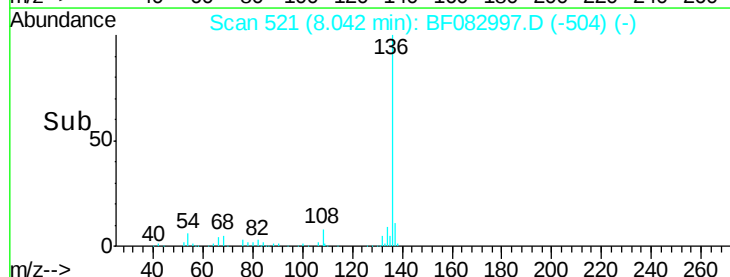
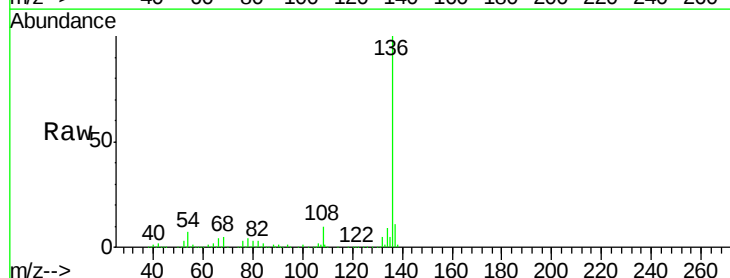
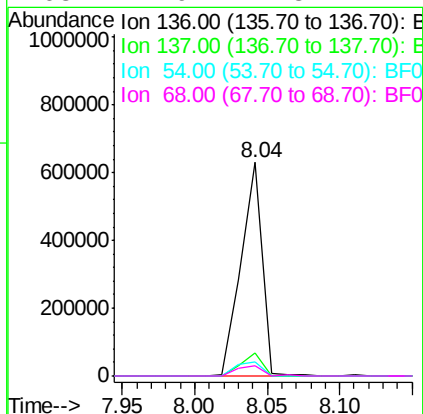
Ion Ratio Lower Upper

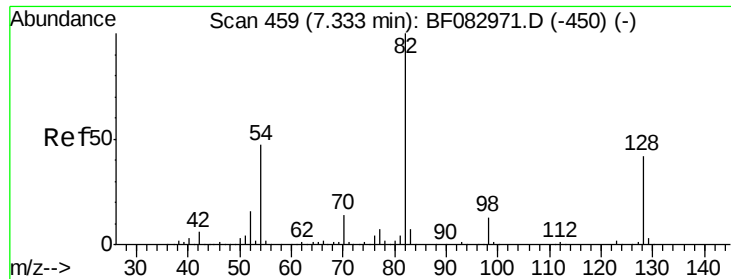
136 100

137 10.7 9.1 13.7

54 6.7 9.1 13.7#

68 4.9 4.8 7.2





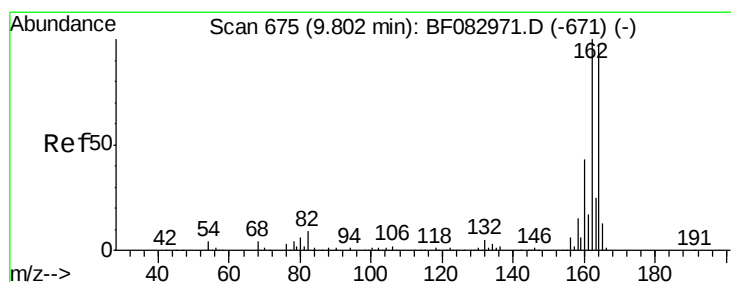
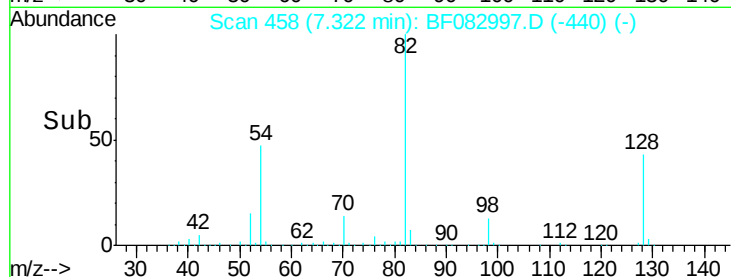
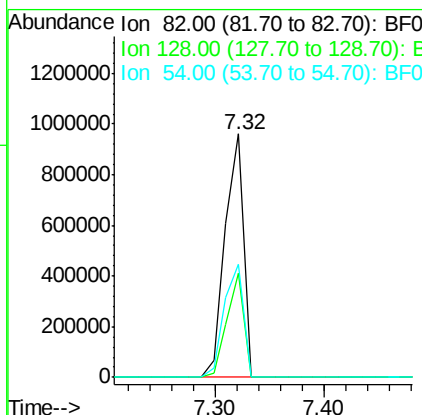
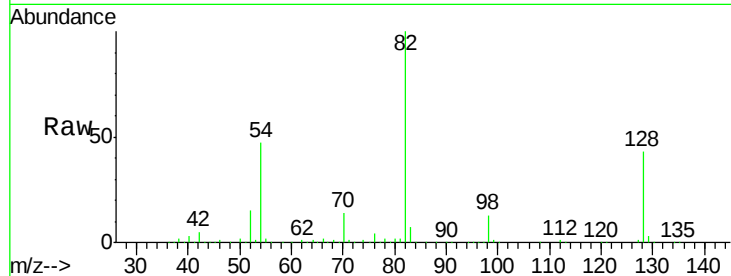
#23
 Nitrobenzene-d5
 Concen: 76.14 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082997.D
 Acq: 18 Nov 2015 6:25

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 1124701
 Ion Ratio Lower Upper
 82 100
 128 42.5 26.8 40.2#
 54 46.6 45.7 68.5

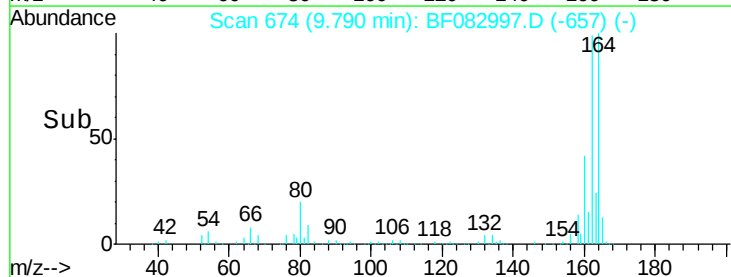
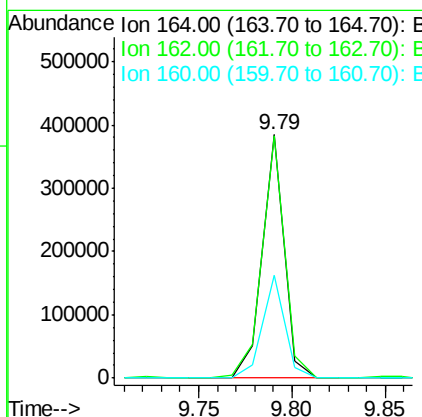
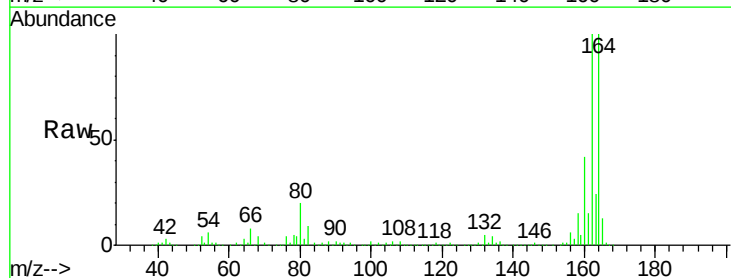
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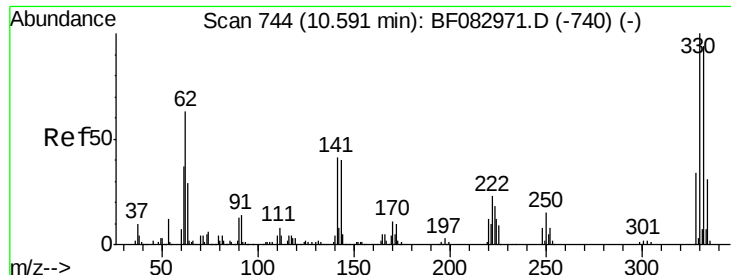
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082997.D
 Acq: 18 Nov 2015 6:25

Tgt Ion: 164 Resp: 319298
 Ion Ratio Lower Upper
 164 100
 162 99.7 84.9 127.3
 160 42.1 37.5 56.3





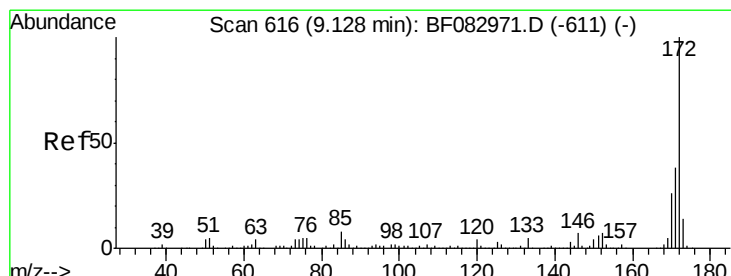
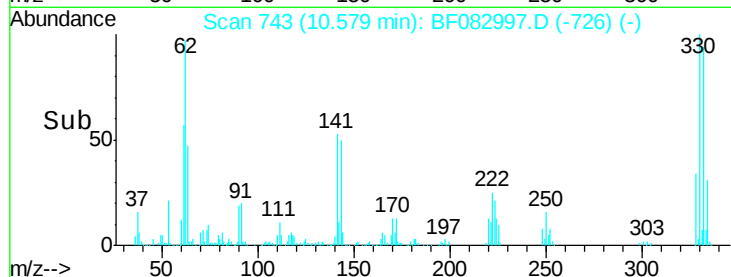
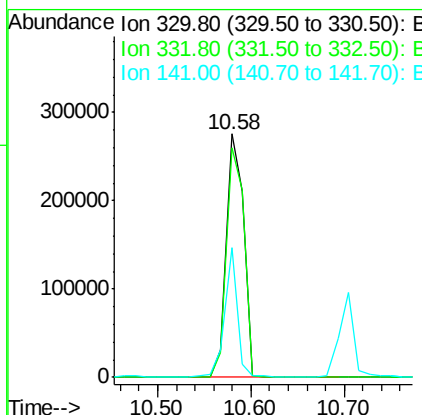
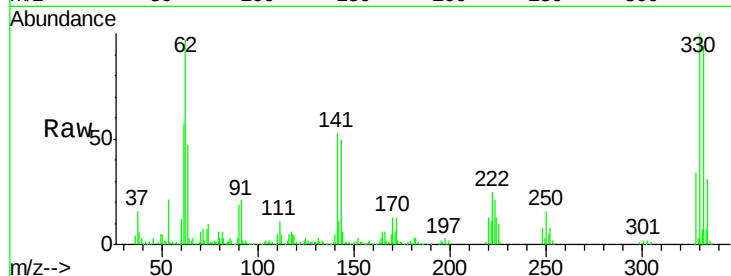
#41
 2,4,6-Tribromophenol
 Concen: 98.12 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082997.D
 Acq: 18 Nov 2015 6:25

Instrument :
 BNA_F
 ClientSampleId :
 GOODLUCK 58

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	359214		
332	96.6	76.6	114.8	
141	37.7	41.2	61.8#	

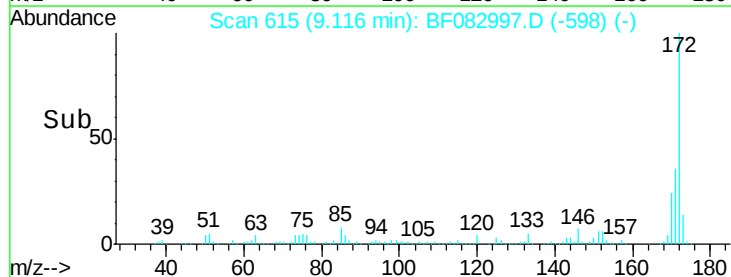
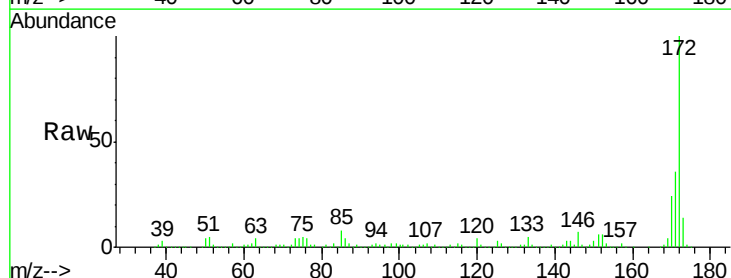
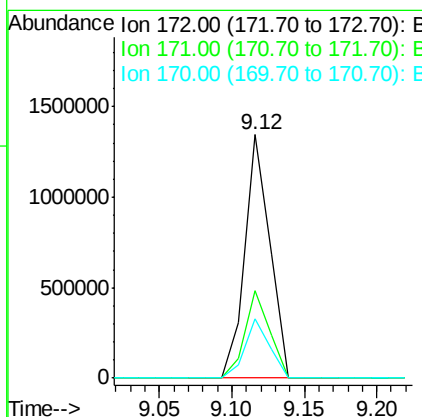
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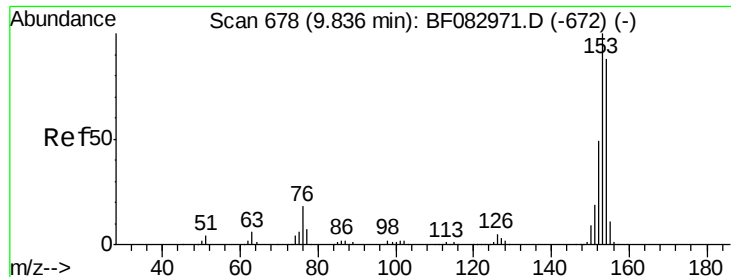
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#44
 2-Fluorobiphenyl
 Concen: 72.31 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082997.D
 Acq: 18 Nov 2015 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1610879		
171	35.7	30.8	46.2	
170	24.3	21.2	31.8	





#51

Acenaphthene

Concen: 3.65 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.10 min

Lab File: BF082997.D

Acq: 18 Nov 2015 6:25

Instrument :

BNA_F

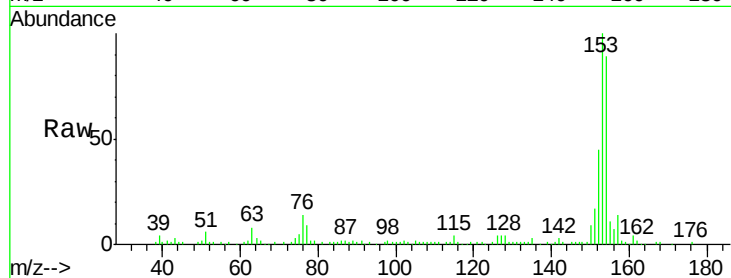
ClientSampleId :

GOODLUCK 58

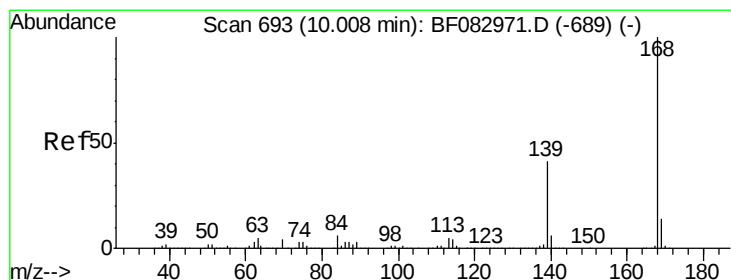
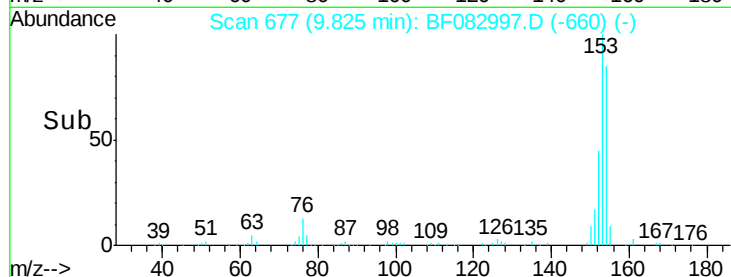
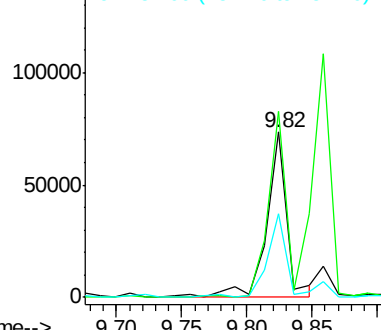
Tgt Ion:	154	Resp:	77550
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.1	135.1
152	50.5	44.3	66.5

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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



#54

Dibenzofuran

Concen: 4.02 ng

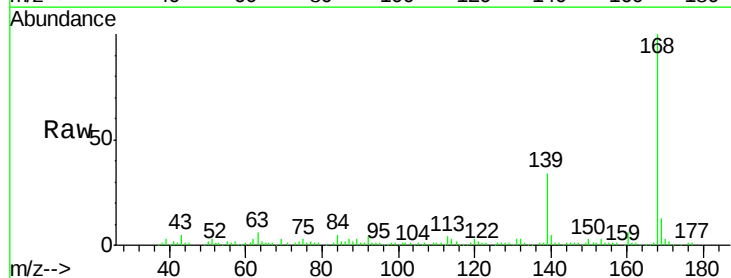
RT: 10.00 min Scan# 692

Delta R.T. -0.10 min

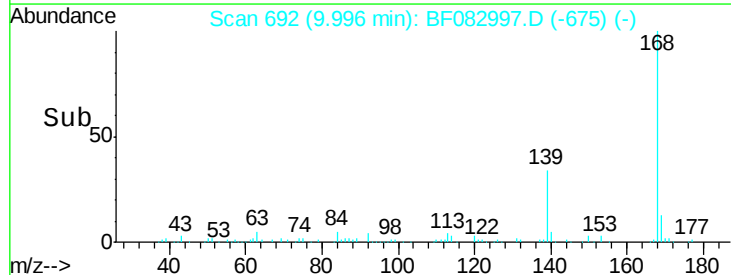
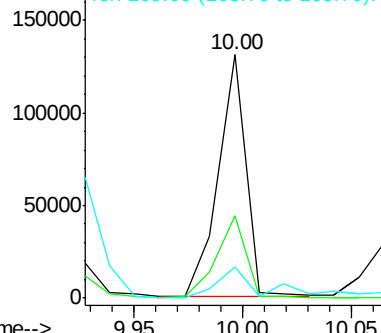
Lab File: BF082997.D

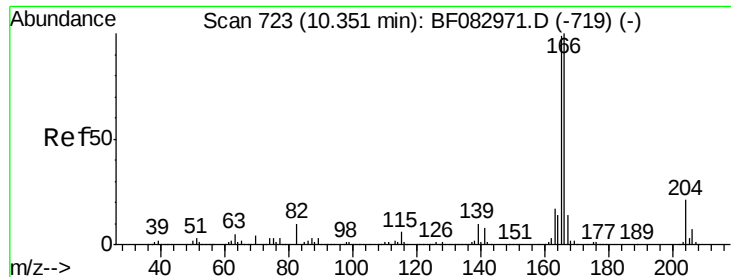
Acq: 18 Nov 2015 6:25

Tgt Ion:	168	Resp:	115135
Ion Ratio	Lower	Upper	
168	100		
139	34.0	37.8	56.6#
169	12.9	11.3	16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 5.73 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082997.D

Acq: 18 Nov 2015 6:25

Instrument :

BNA_F

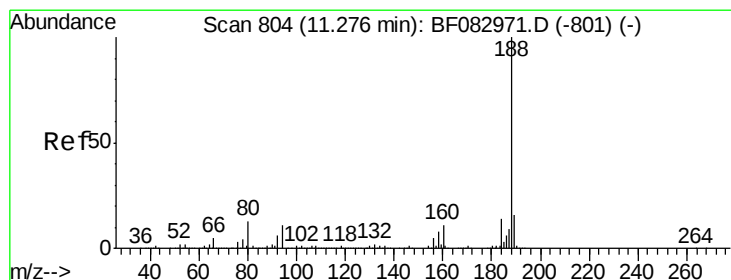
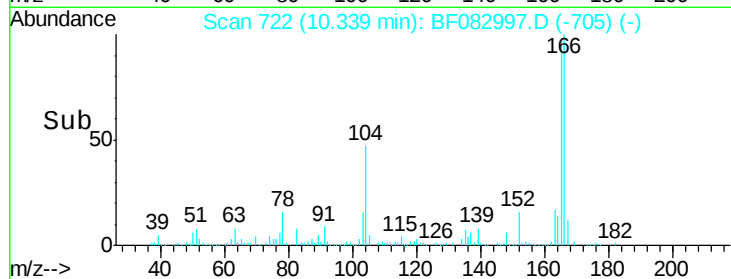
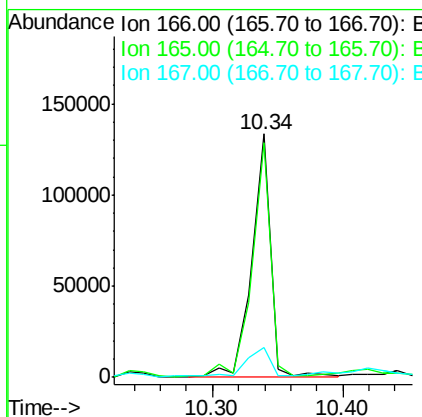
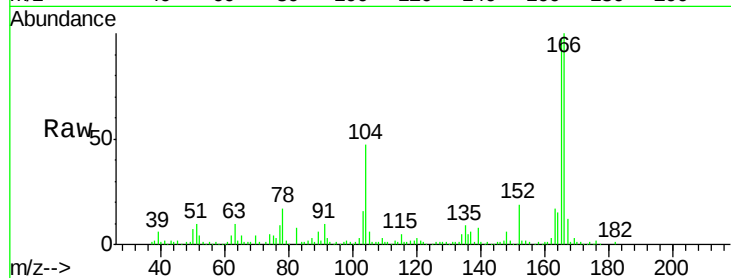
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	132842		
165	96.5	80.2	120.4	
167	12.2	11.2	16.8	

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#63

Phenanthrene-d10

Concen: 20.00 ng

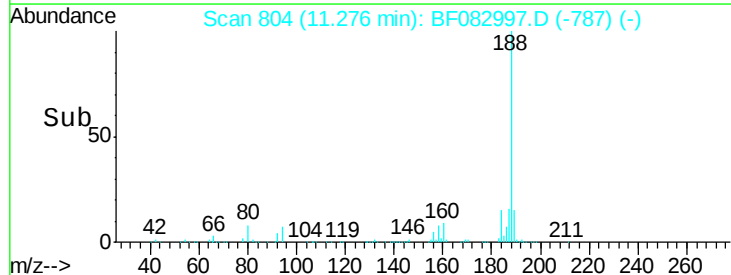
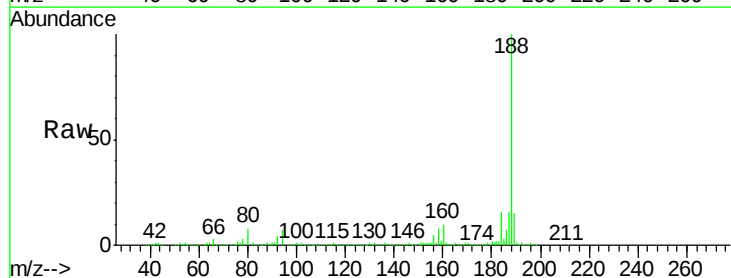
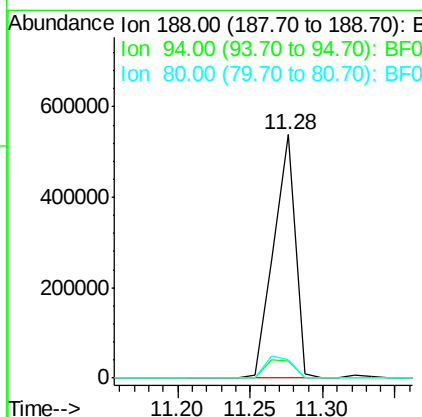
RT: 11.28 min Scan# 804

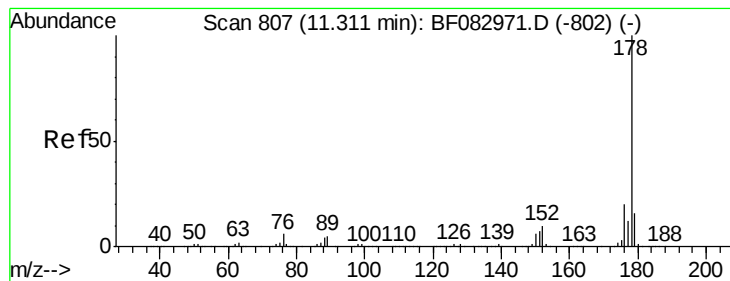
Delta R.T. -0.10 min

Lab File: BF082997.D

Acq: 18 Nov 2015 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	559449		
94	6.9	6.1	9.1	
80	7.6	7.0	10.6	





#70

Phenanthrene

Concen: 15.11 ng m

RT: 11.30 min Scan# 806

Delta R.T. -0.10 min

Lab File: BF082997.D

Acq: 18 Nov 2015 6:25

Instrument :

BNA_F

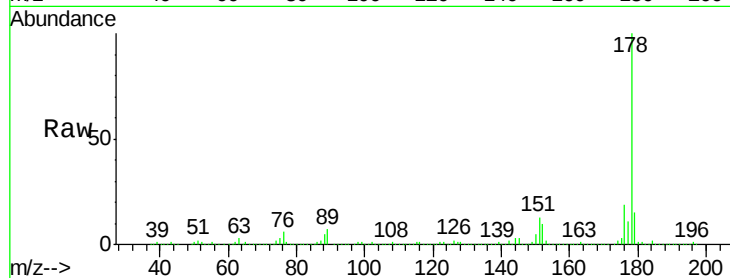
ClientSampleId :

GOODLUCK 58

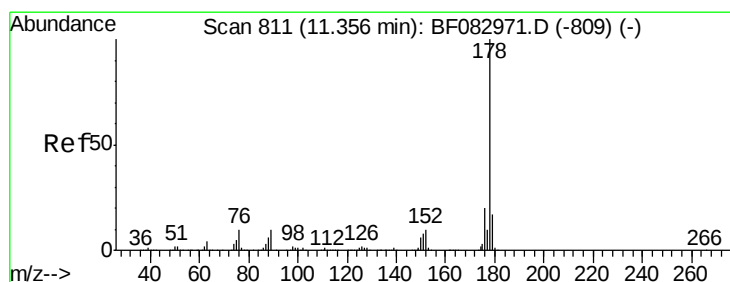
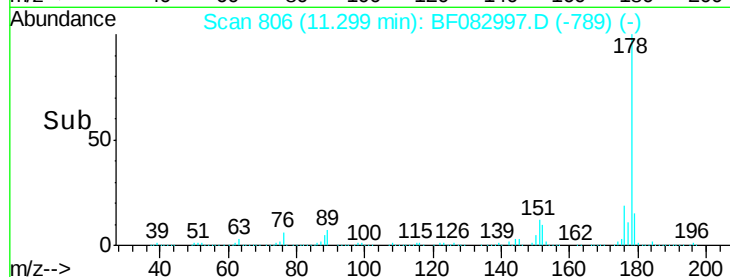
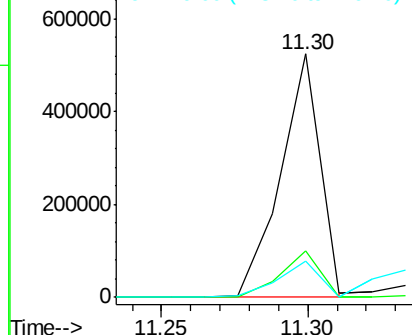
Tgt Ion:	178	Resp:	490764
Ion Ratio	Lower	Upper	
178	100		
176	19.0	17.0	25.4
179	15.0	13.4	20.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.93 ng m

RT: 11.34 min Scan# 810

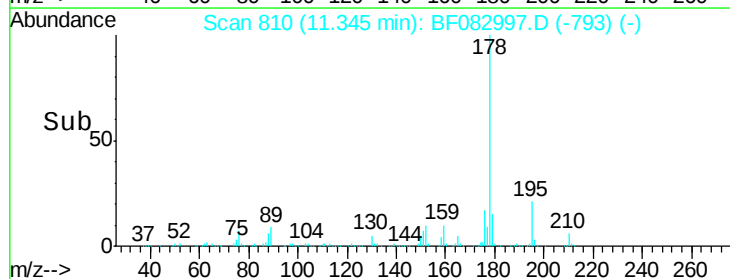
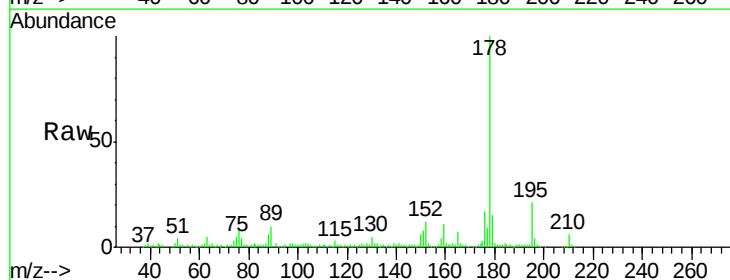
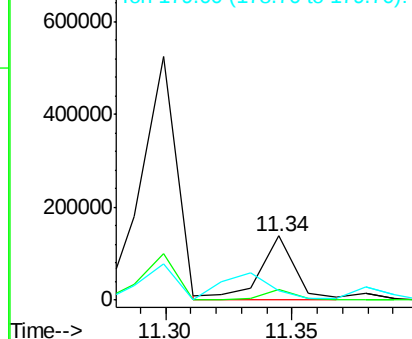
Delta R.T. -0.10 min

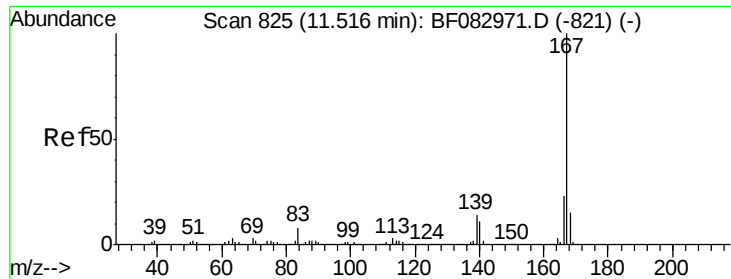
Lab File: BF082997.D

Acq: 18 Nov 2015 6:25

Tgt Ion:	178	Resp:	134508
Ion Ratio	Lower	Upper	
178	100		
176	17.5	16.5	24.7
179	15.2	13.2	19.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





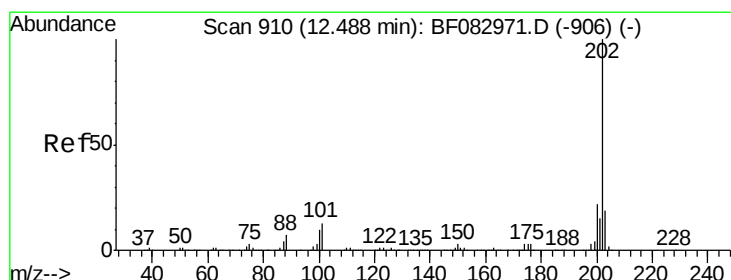
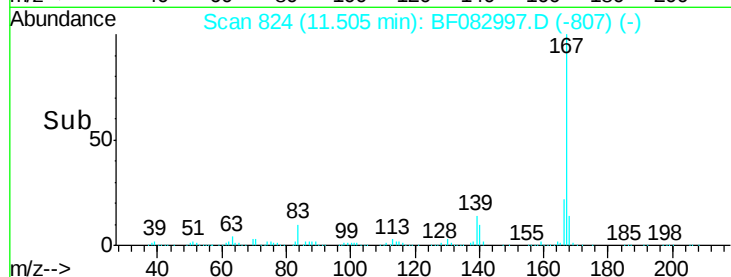
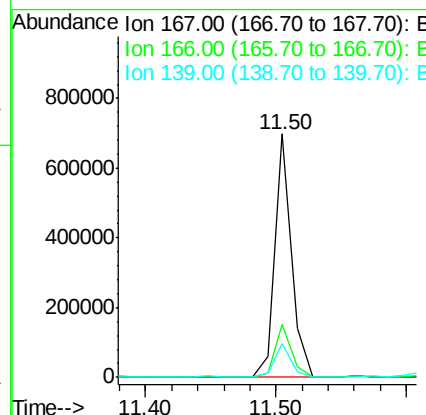
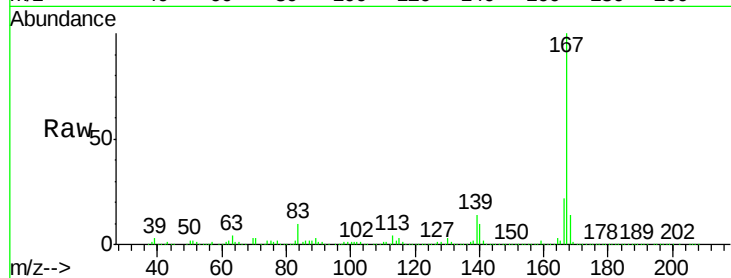
#72
 Carbazole
 Concen: 20.76 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.10 min
 Lab File: BF082997.D
 Acq: 18 Nov 2015 6:25

Instrument :
 BNA_F
 ClientSampleId :
 GOODLUCK 58

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	622027		
166	21.8	18.7	28.1	
139	13.7	11.8	17.6	

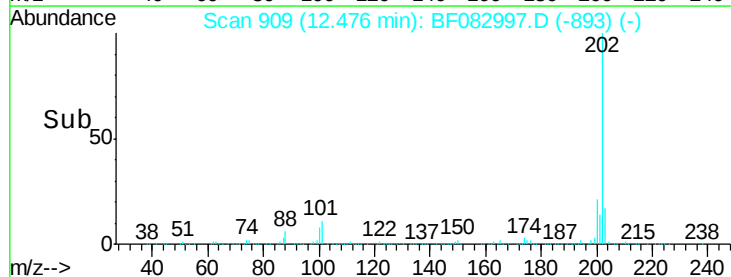
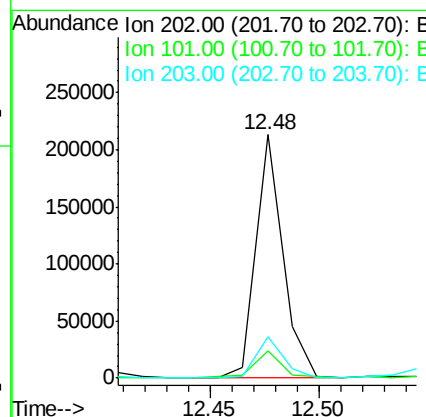
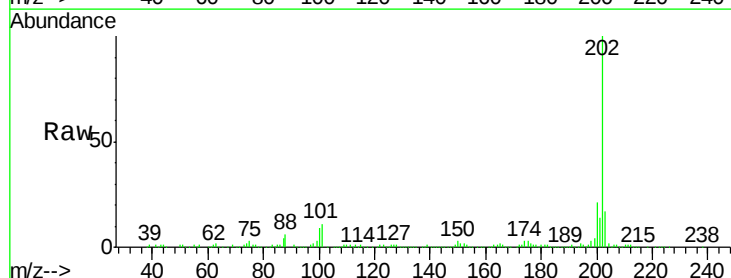
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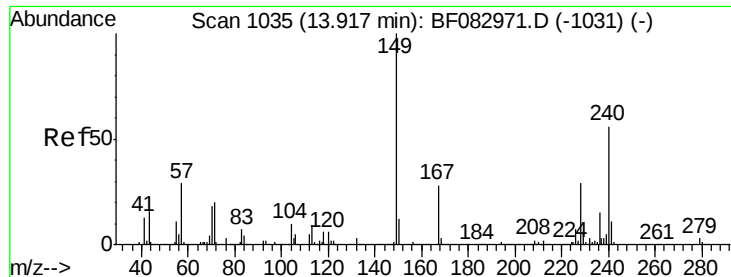
mohammad
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#74
 Fluoranthene
 Concen: 5.27 ng
 RT: 12.48 min Scan# 909
 Delta R.T. -0.11 min
 Lab File: BF082997.D
 Acq: 18 Nov 2015 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	183613		
101	11.4	0.0	30.5	
203	16.8	0.0	38.5	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082997.D

Acq: 18 Nov 2015 6:25

Instrument :

BNA_F

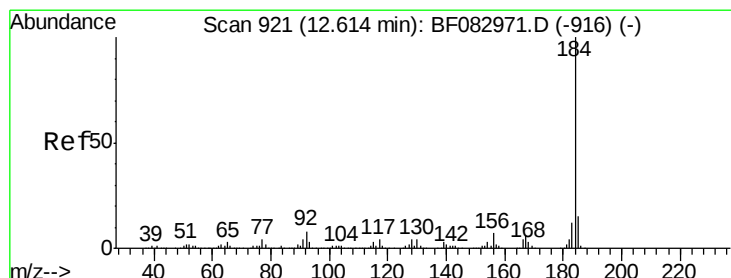
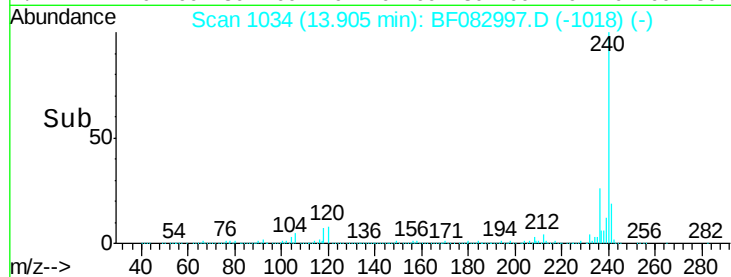
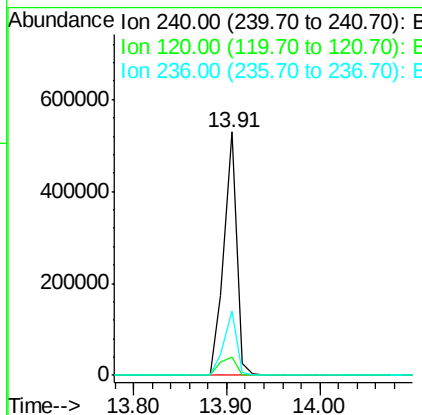
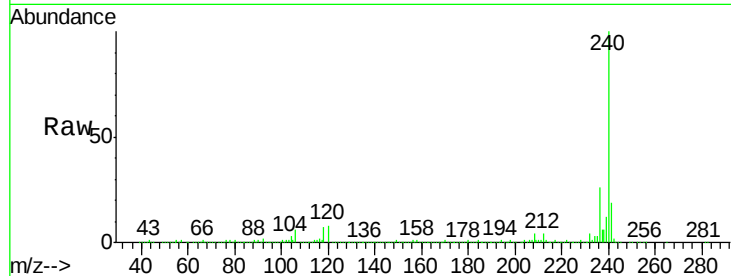
ClientSampleId :

GOODLUCK 58

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	508100		
120	7.5	10.9	16.3#	
236	26.2	21.6	32.4	

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#76

Benzidine

Concen: 5.56 ng

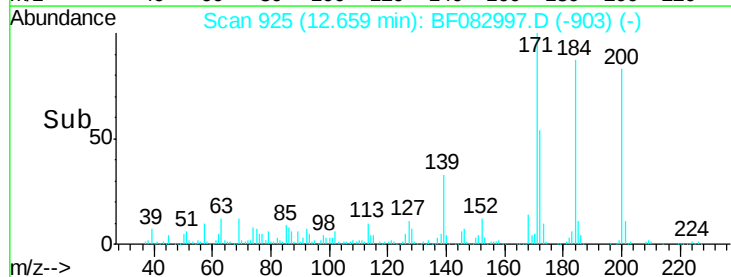
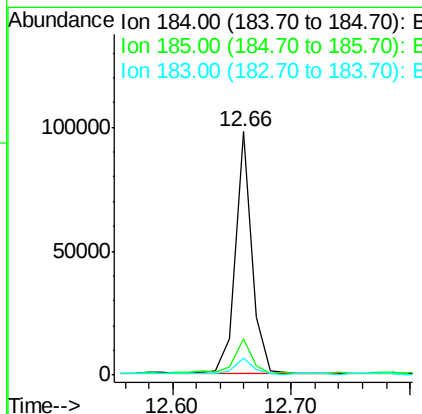
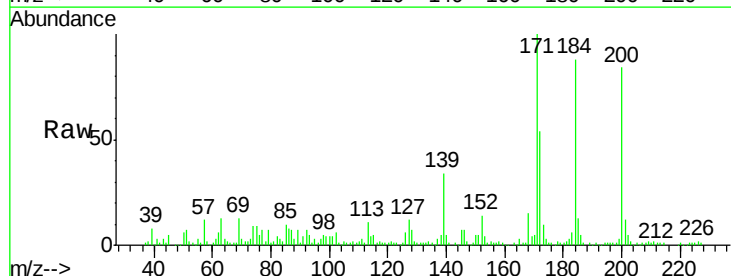
RT: 12.66 min Scan# 925

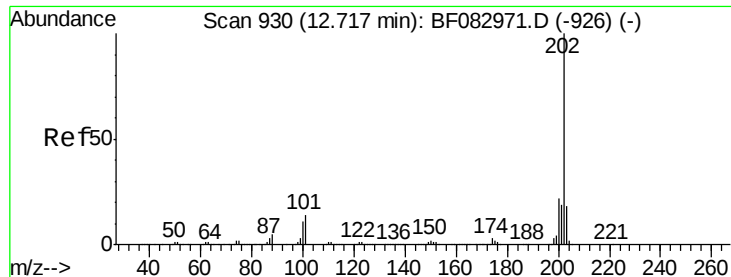
Delta R.T. -0.05 min

Lab File: BF082997.D

Acq: 18 Nov 2015 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	94609		
185	14.7	12.0	18.0	
183	7.1	9.6	14.4#	





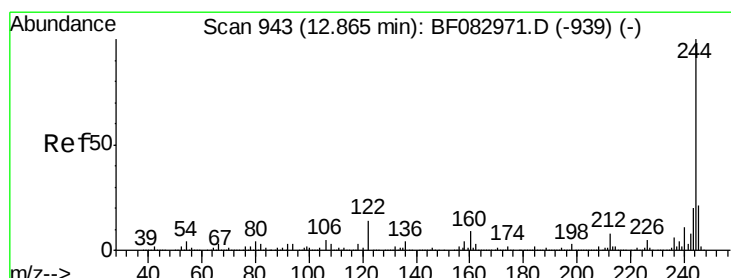
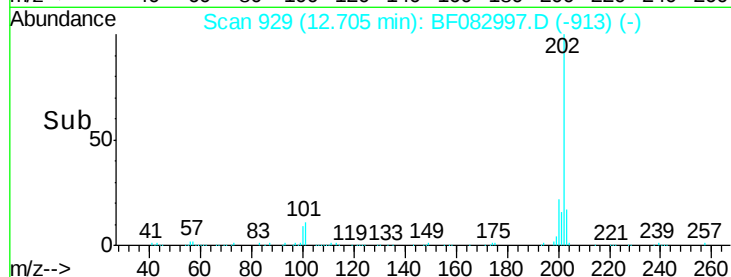
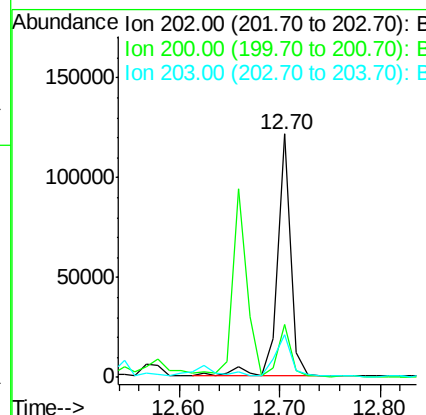
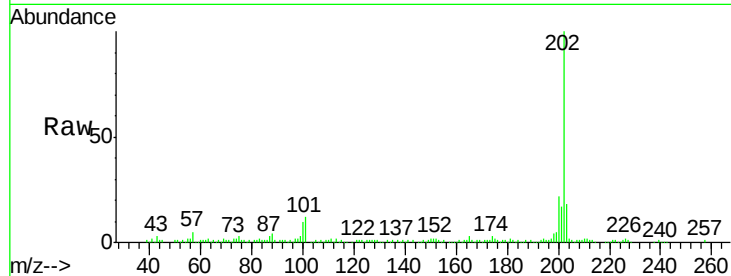
#77
 Pyrene
 Concen: 3.17 ng
 RT: 12.70 min Scan# 929
 Delta R.T. -0.11 min
 Lab File: BF082997.D
 Acq: 18 Nov 2015 6:25

Instrument :
 BNA_F
 ClientSampleId :
 GOODLUCK 58

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.9	18.7	28.1
203	17.6	14.8	22.2

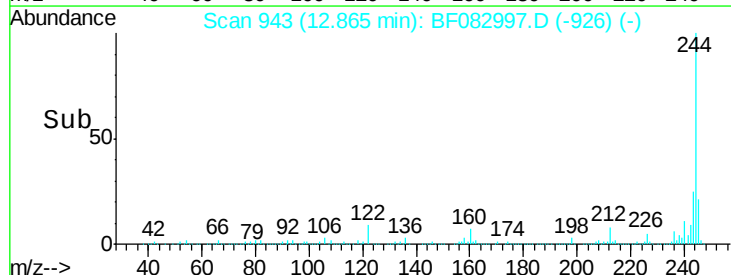
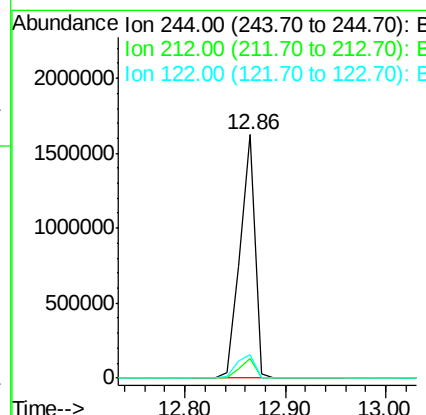
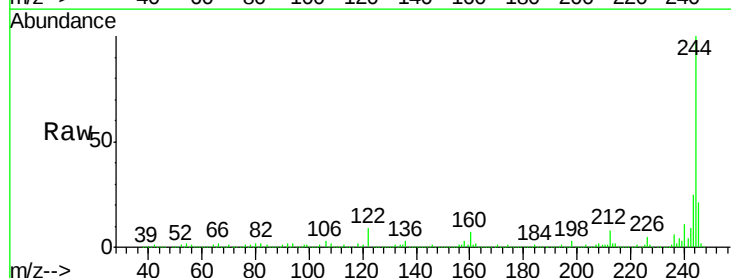
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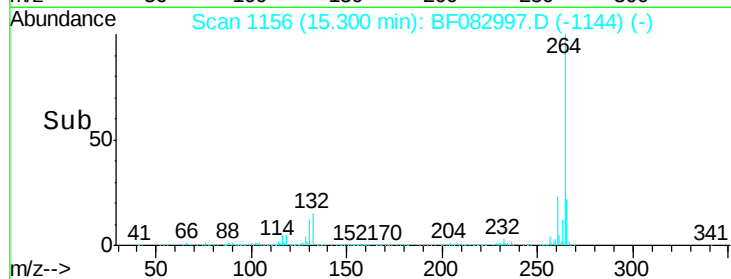
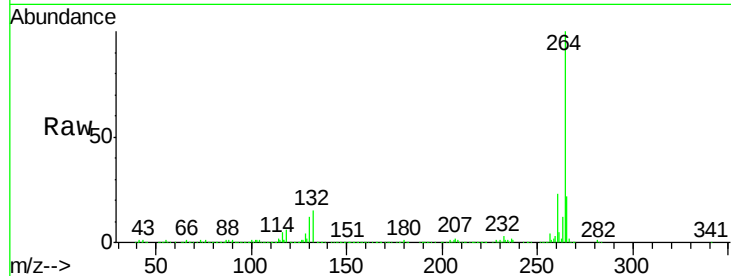
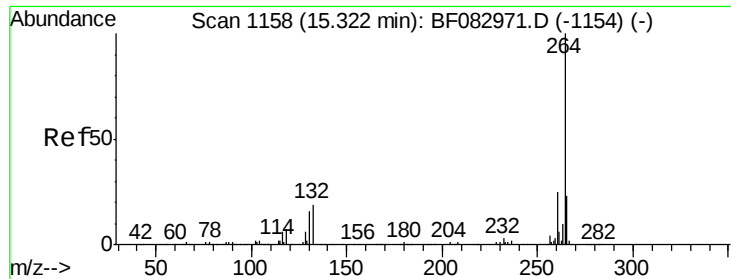
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#78
 Terphenyl-d14
 Concen: 78.20 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.10 min
 Lab File: BF082997.D
 Acq: 18 Nov 2015 6:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.8	7.6	11.4
122	9.4	11.3	16.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :
GOODLUCK 58

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.8	19.8	29.6
265	21.8	17.4	26.0

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