

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080989.D
 Acq On : 13 Aug 2015 19:38
 Operator : UM/IZ
 Sample : G3260-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS1(0-25ABGS)

Manual Integrations
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Quant Time: Aug 14 06:31:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	35460	20.00	ng	-0.06
21) Naphthalene-d8	8.03	136	137751	20.00	ng	-0.07
38) Acenaphthene-d10	9.78	164	71510	20.00	ng	-0.07
63) Phenanthrene-d10	11.26	188	135091	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	95623	20.00	ng	-0.08
86) Perylene-d12	15.28	264	81320	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	275426	126.91	ng	-0.03
7) Phenol-d6	6.40	99	420546	141.41	ng	-0.05
23) Nitrobenzene-d5	7.32	82	297722	102.23	ng	-0.06
41) 2,4,6-Tribromophenol	10.57	330	62456	79.50	ng	-0.07
44) 2-Fluorobiphenyl	9.12	172	308622	60.76	ng	-0.06
78) Terphenyl-d14	12.84	244	245615	53.05	ng	-0.07
Target Compounds						Qvalue
31) Naphthalene	8.05	128	31805	4.19	ng	99
49) Dimethylphthalate	9.50	163	61842	10.41	ng	99
51) Acenaphthene	9.81	154	46422	9.11	ng	98
54) Dibenzofuran	9.98	168	34590	5.02	ng	92
57) Fluorene	10.33	166	41997	7.88	ng	100
70) Phenanthrene	11.29	178	266089	34.78	ng	100
71) Anthracene	11.33	178	39986	5.28	ng	99
72) Carbazole	11.49	167	19282	2.62	ng	97
74) Fluoranthene	12.46	202	257681	31.16	ng	98
77) Pyrene	12.69	202	230549	32.64	ng	99
80) Benzo(a)anthracene	13.87	228	78623	13.02	ng	95
82) Chrysene	13.92	228	57874m	10.01	ng	
85) Indeno(1,2,3-cd)pyrene	16.58	276	27762m	5.04	ng	
87) Benzo(b)fluoranthene	14.89	252	65320m	11.55	ng	
88) Benzo(k)fluoranthene	14.90	252	17076m	3.45	ng	
89) Benzo(a)pyrene	15.22	252	46181	9.50	ng	97
91) Benzo(a,h,i)perylene	16.98	276	25679	6.14	ng	98

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

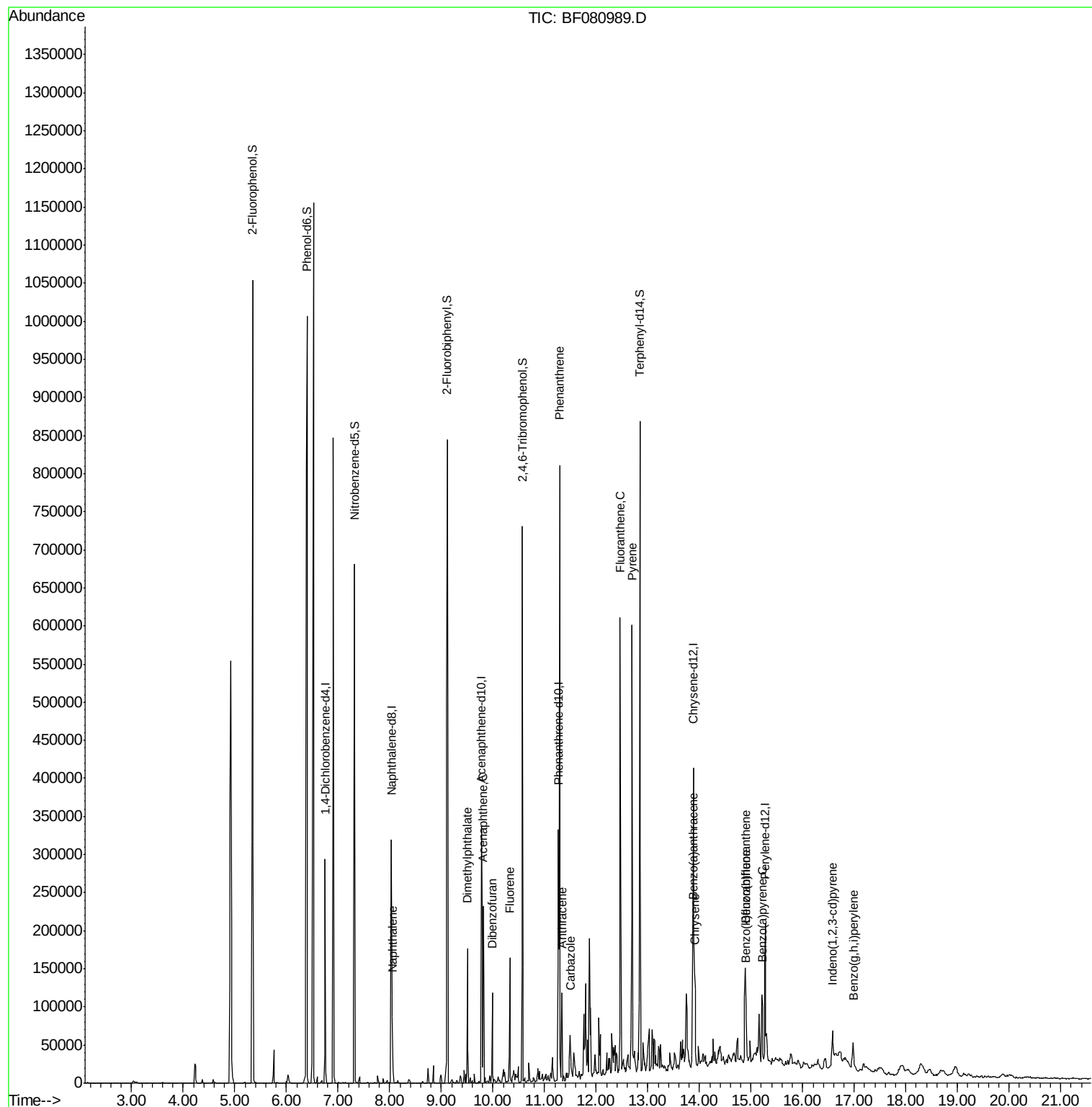
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080989.D
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ALS Vial : 15 Sample Multiplier: 1

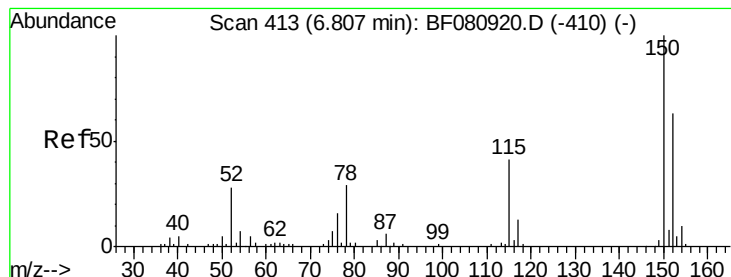
Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF080989.D

Acq: 13 Aug 2015 19:38

Instrument :

BNA_F

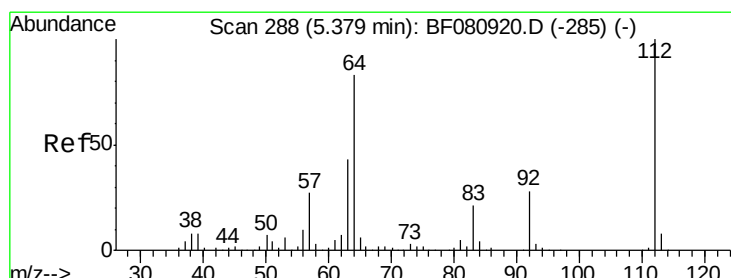
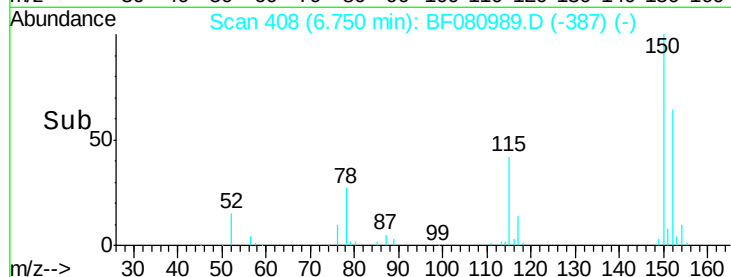
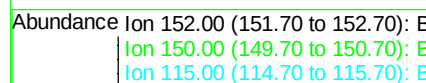
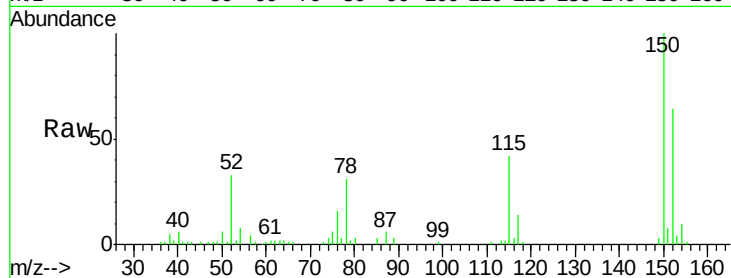
ClientSampleId :

NCB-015CS1(0-25ABGS)

Tot Ion:	152	Resp:	35460
Ion Ratio	Lower	Upper	
152	100		
150	156.4	127.4	191.2
115	65.0	52.6	78.8

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#5

2-Fluorophenol

Concen: 126.91 ng

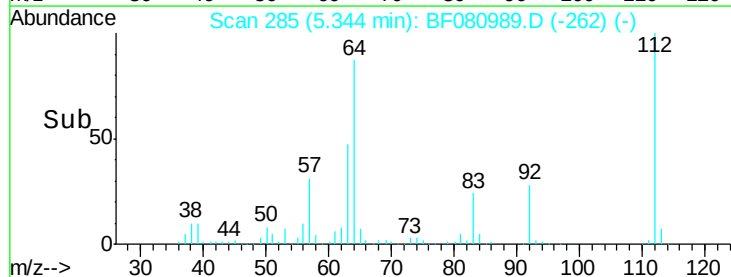
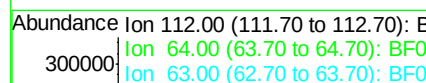
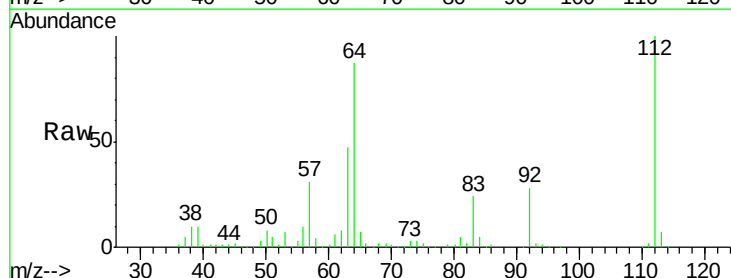
RT: 5.34 min Scan# 285

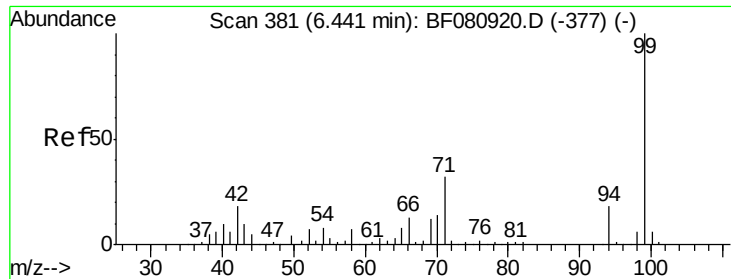
Delta R.T. -0.03 min

Lab File: BF080989.D

Acq: 13 Aug 2015 19:38

Tgt Ion:	112	Resp:	275426
Ion Ratio	Lower	Upper	
112	100		
64	86.6	66.1	99.1
63	47.1	34.6	52.0





#7

Phenol-d6

Concen: 141.41 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF080989.D

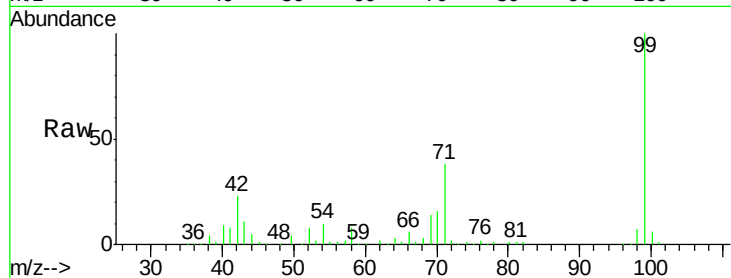
Acq: 13 Aug 2015 19:38

Instrument :

BNA_F

ClientSampleId :

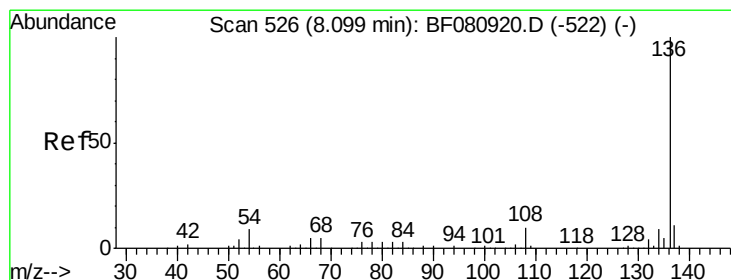
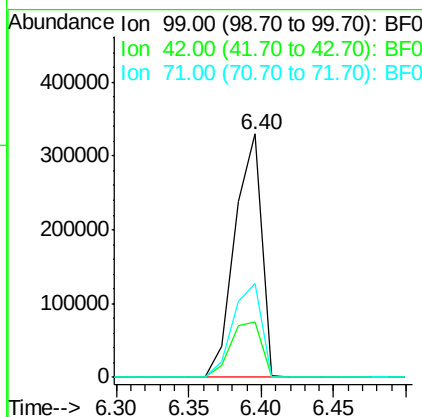
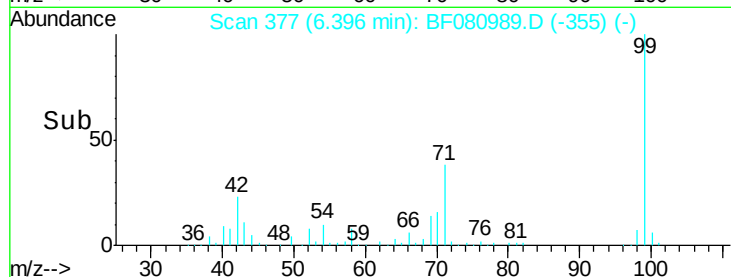
NCB-015CS1(0-25ABGS)



Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		420546		
42	22.8	14.4	21.6#		
71	38.4	25.8	38.8		

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#21

Naphthalene-d8

Concen: 20.00 ng

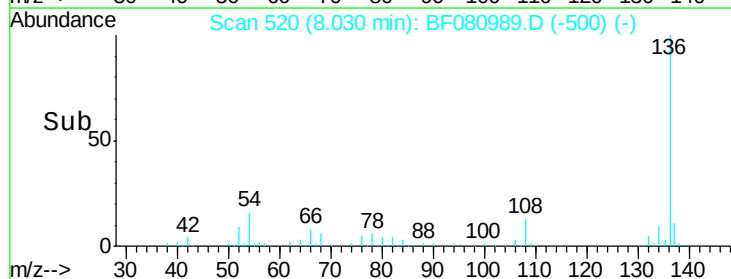
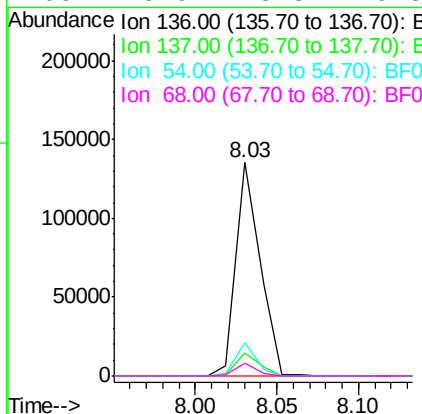
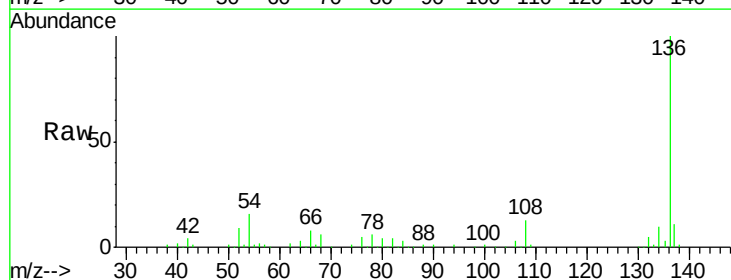
RT: 8.03 min Scan# 520

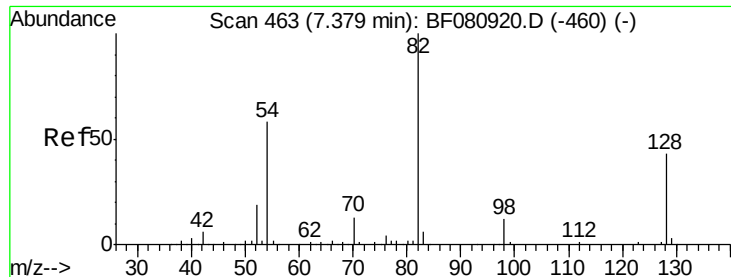
Delta R.T. -0.07 min

Lab File: BF080989.D

Acq: 13 Aug 2015 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		137751		
137	10.5	8.5	12.7		
54	15.5	7.1	10.7#		
68	5.9	3.8	5.8#		





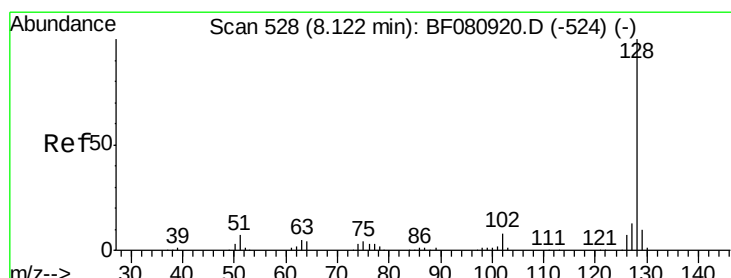
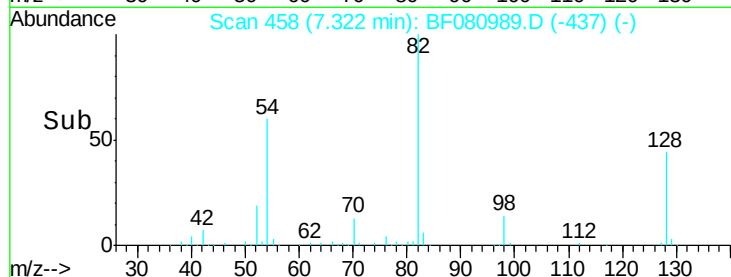
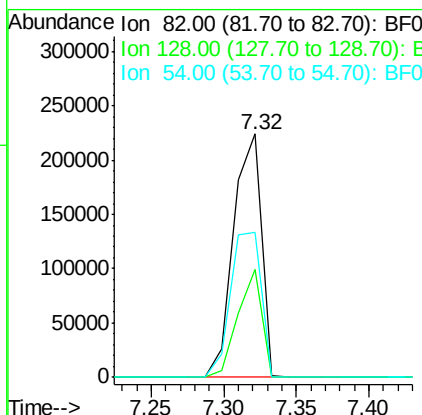
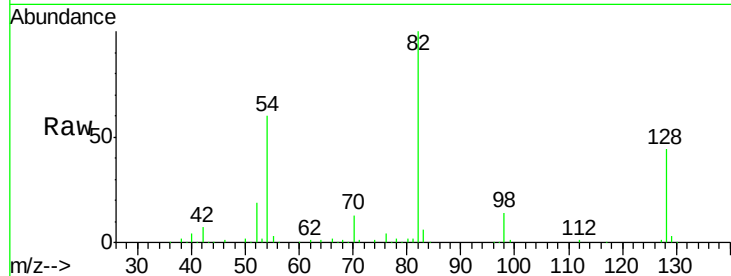
#23
 Nitrobenzene-d5
 Concen: 102.23 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF080989.D
 Acq: 13 Aug 2015 19:38

Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS1(0-25ABGS)

Tot Ion	82	Resp	297722
Ion Ratio	Lower	Upper	
82	100		
128	44.1	34.1	51.1
54	59.7	46.5	69.7

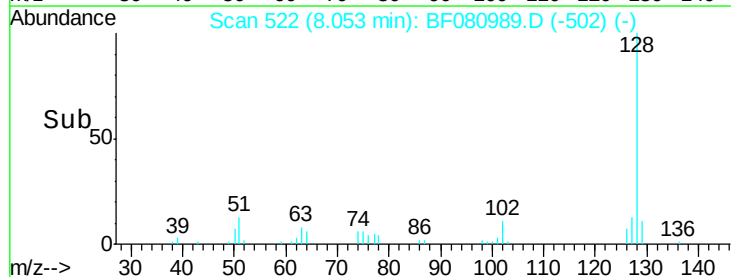
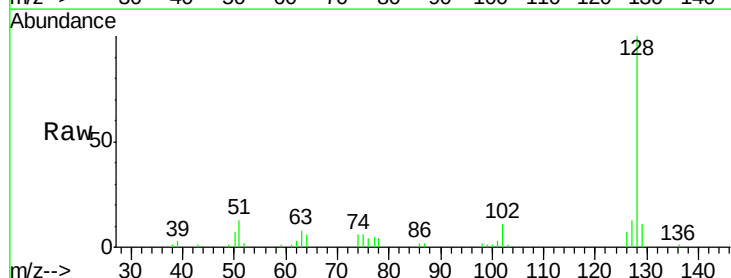
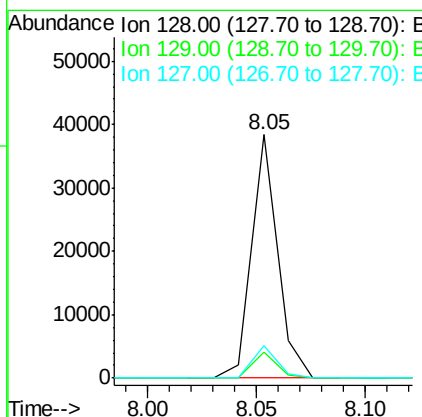
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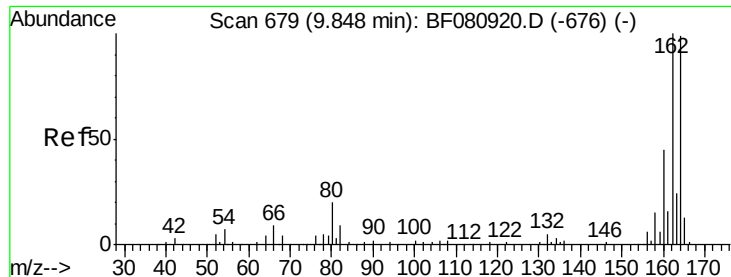
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#31
 Naphthalene
 Concen: 4.19 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.07 min
 Lab File: BF080989.D
 Acq: 13 Aug 2015 19:38

Tgt Ion	128	Resp	31805
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.4	12.6
127	13.4	10.5	15.7





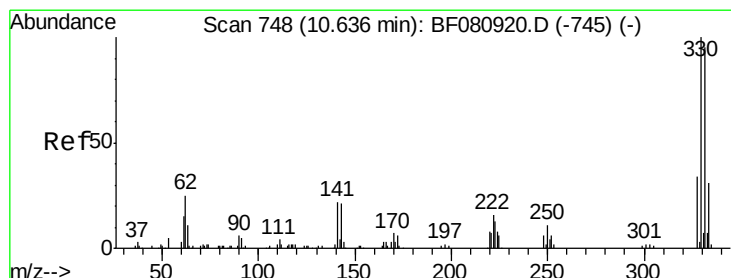
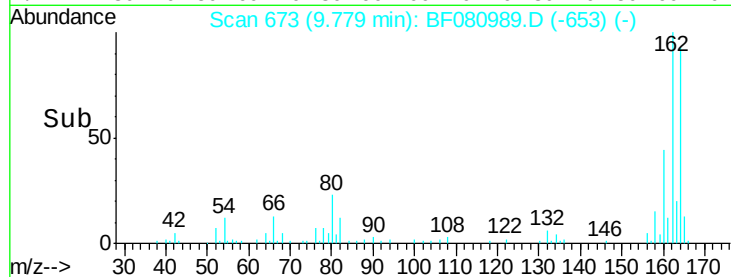
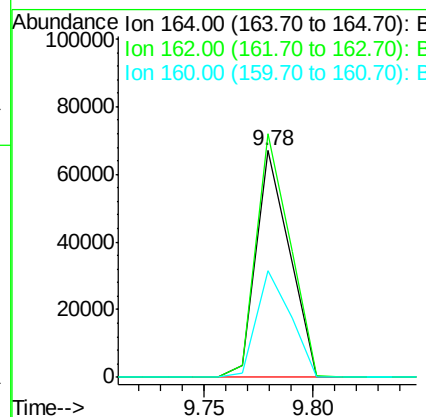
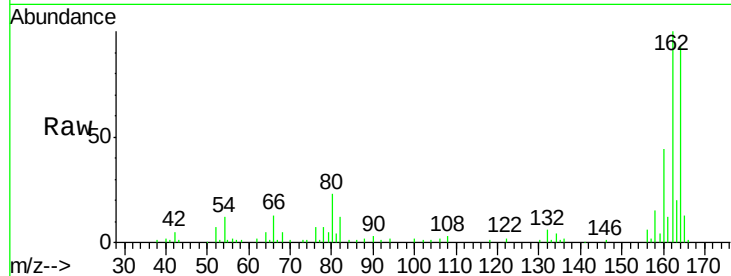
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.07 min
 Lab File: BF080989.D
 Acq: 13 Aug 2015 19:38

Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS1(0-25ABGS)

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.5	80.5	120.7
160	47.3	36.6	54.8

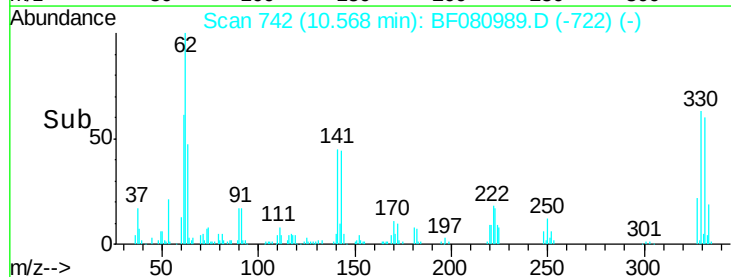
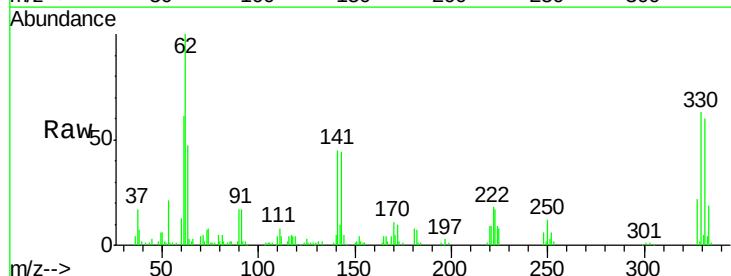
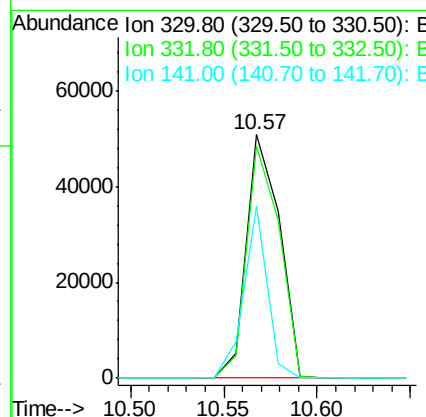
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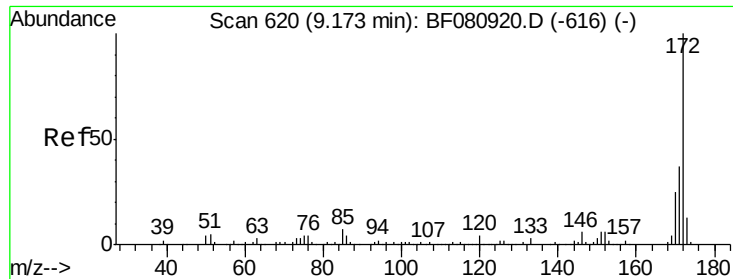
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#41
 2,4,6-Tribromophenol
 Concen: 79.50 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.07 min
 Lab File: BF080989.D
 Acq: 13 Aug 2015 19:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.2	114.4
141	51.0	27.8	41.8#





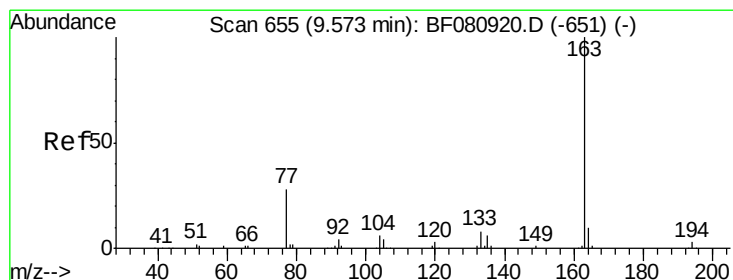
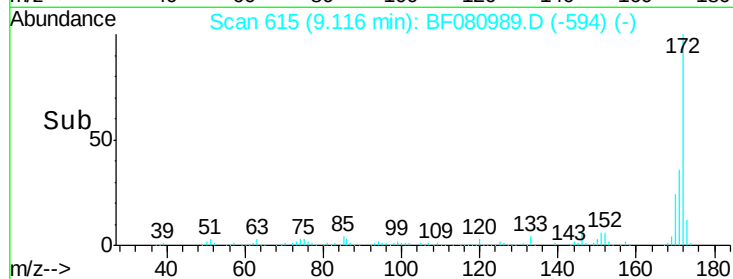
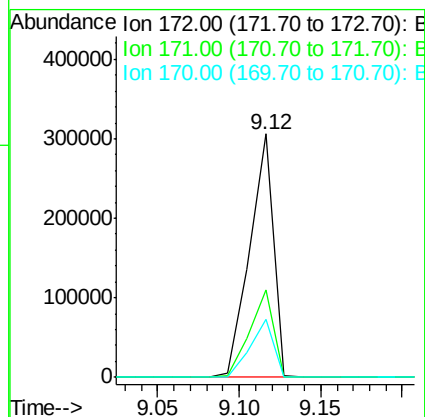
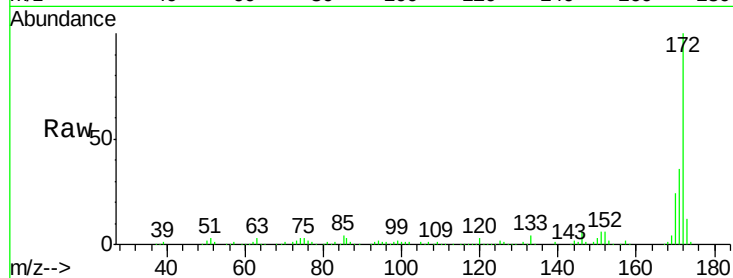
#44
2-Fluorobiphenyl
Concen: 60.76 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

Tot Ion:	172	Resp:	308622
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.4	44.0
170	23.7	19.7	29.5

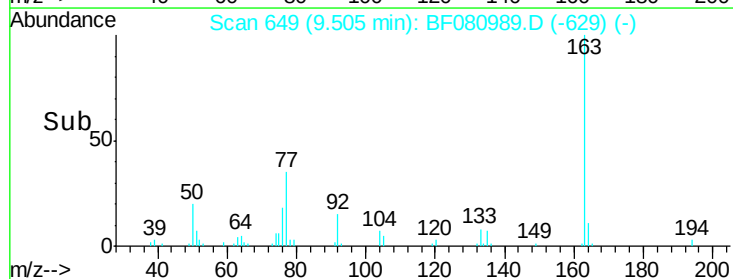
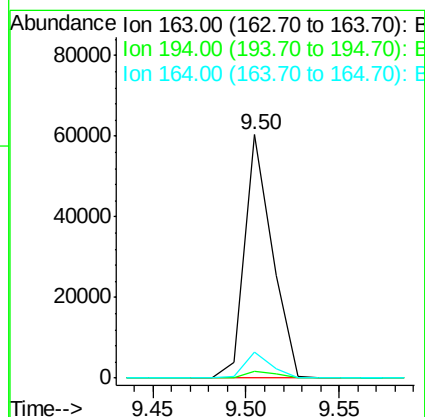
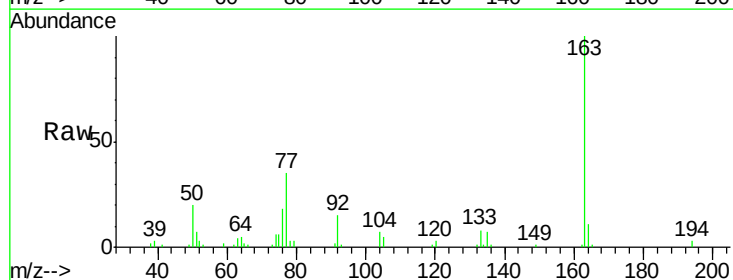
Manual Integrations
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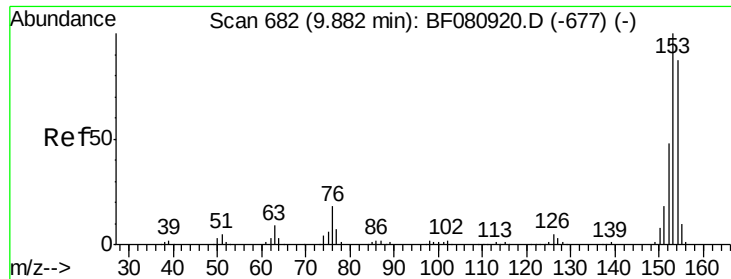
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#49
Dimethylphthalate
Concen: 10.41 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Tgt Ion:	163	Resp:	61842
Ion Ratio	Lower	Upper	
163	100		
194	2.8	2.4	3.6
164	10.5	8.2	12.4





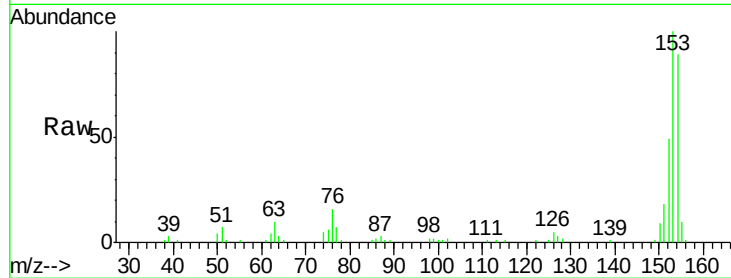
#51
Acenaphthene
Concen: 9.11 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

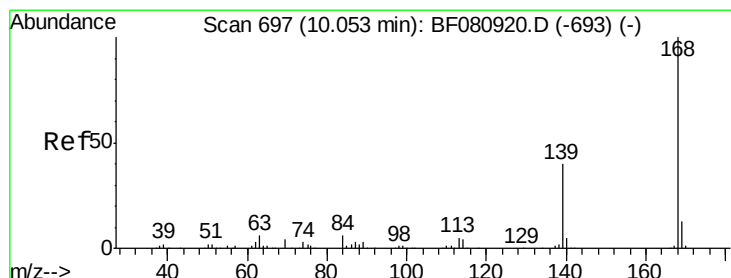
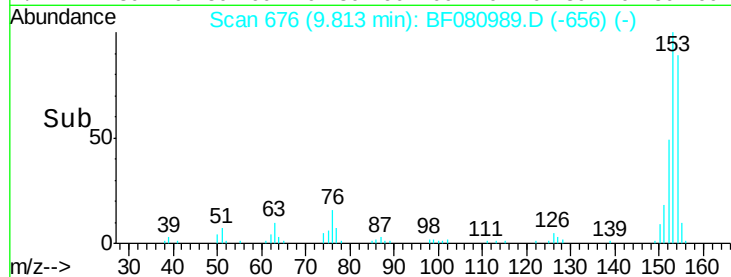
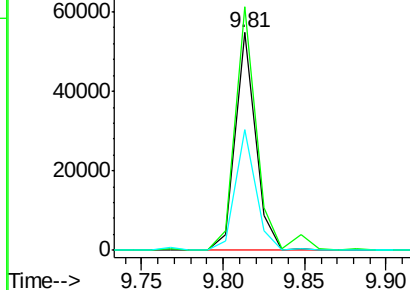
Tot Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.4	137.2
152	55.3	44.2	66.4

Manual Integrations
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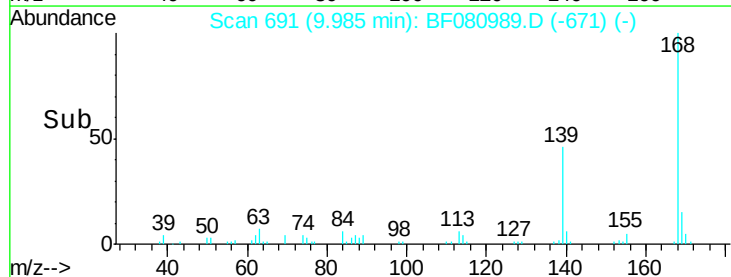
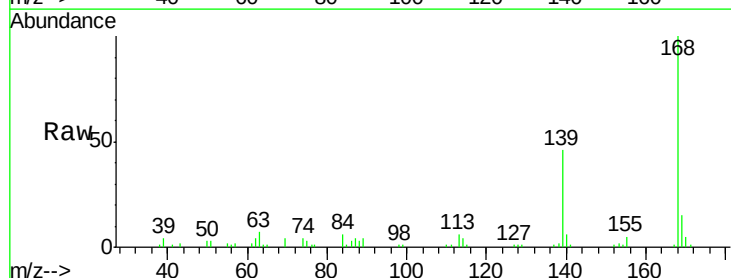
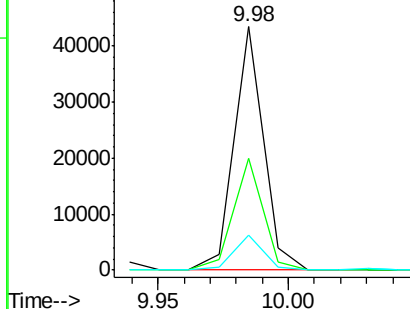
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Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

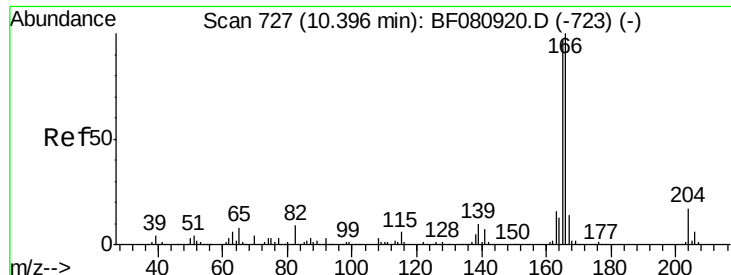


#54
Dibenzofuran
Concen: 5.02 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.07 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.9	31.9	47.9
169	14.5	10.6	15.8

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





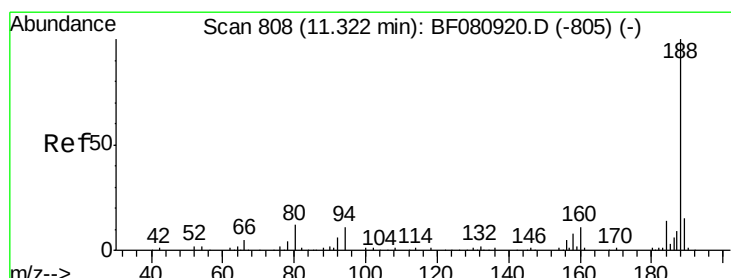
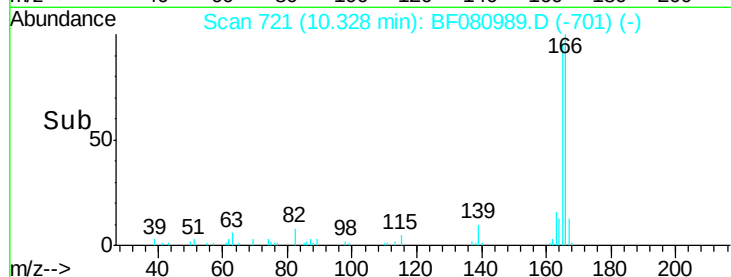
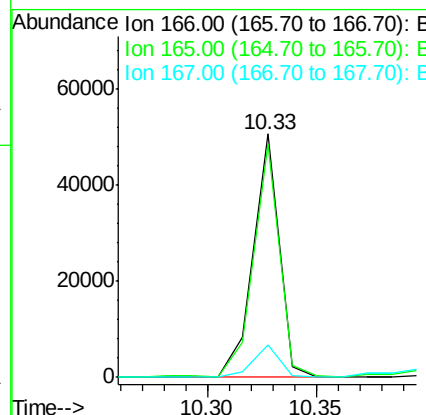
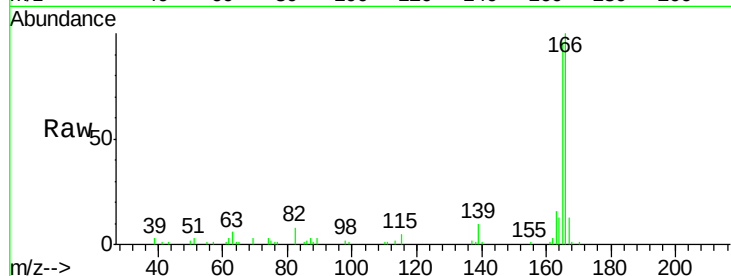
#57
 Fluorene
 Concen: 7.88 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.07 min
 Lab File: BF080989.D
 Acq: 13 Aug 2015 19:38

Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS1(0-25ABGS)

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.2	115.8
167	13.4	10.8	16.2

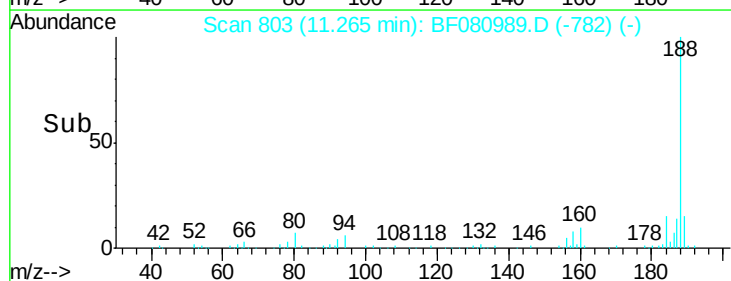
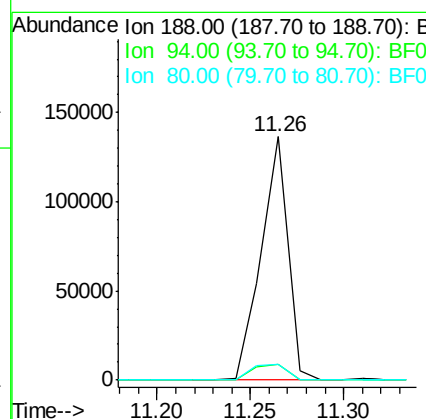
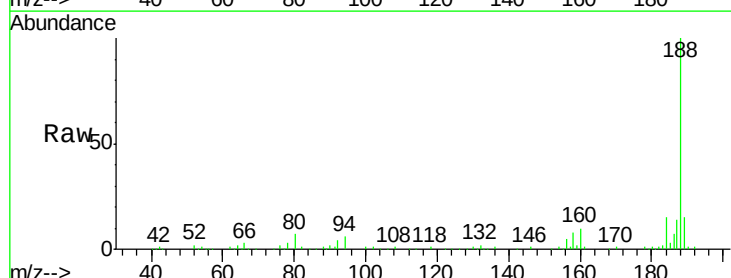
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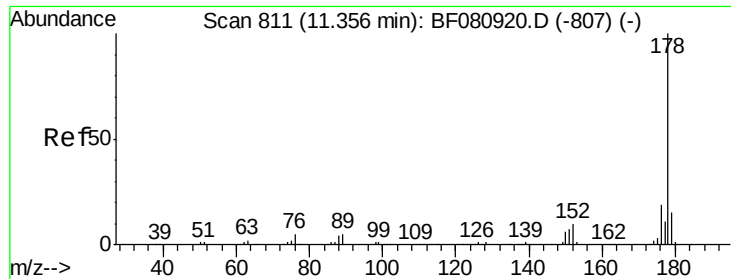
MMDadoda
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF080989.D
 Acq: 13 Aug 2015 19:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	8.8	13.2#
80	6.6	9.5	14.3#





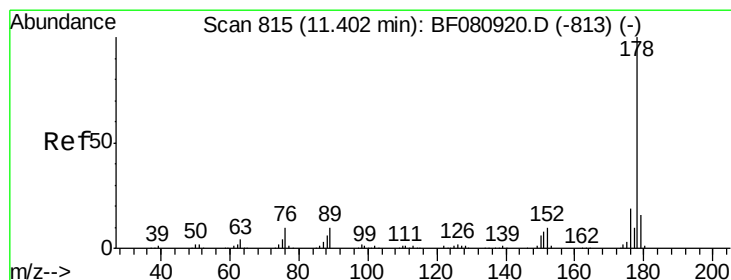
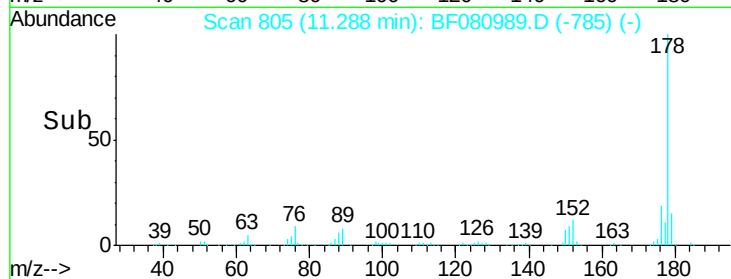
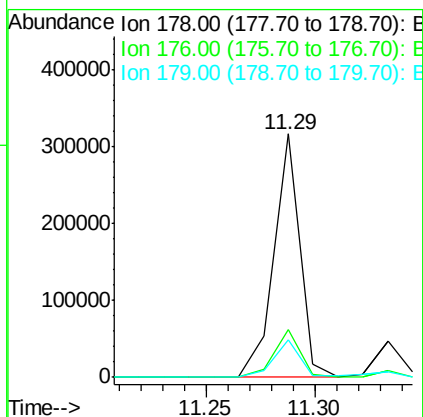
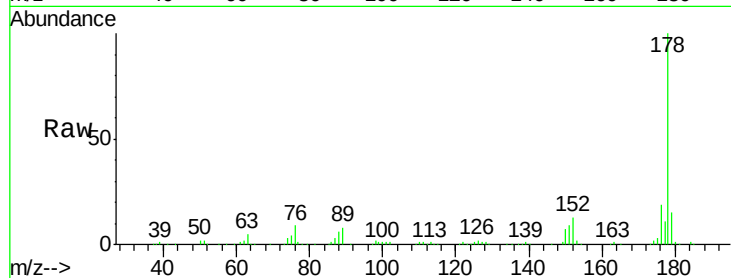
#70
Phenanthrene
Concen: 34.78 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.07 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.2	11.9	17.9

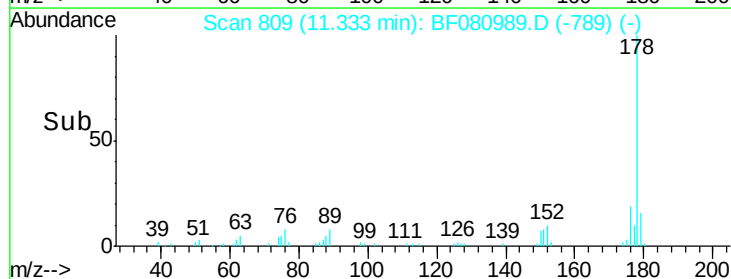
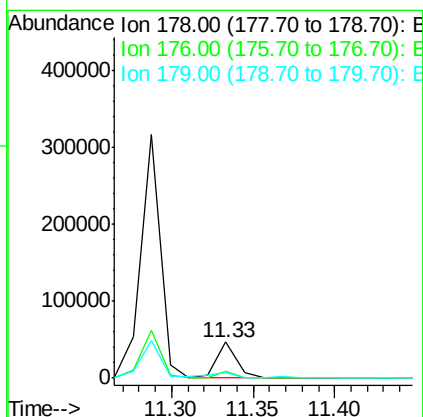
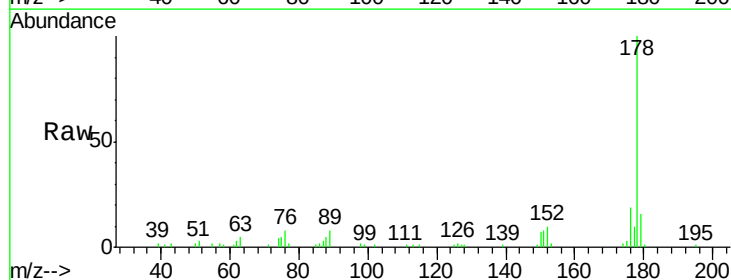
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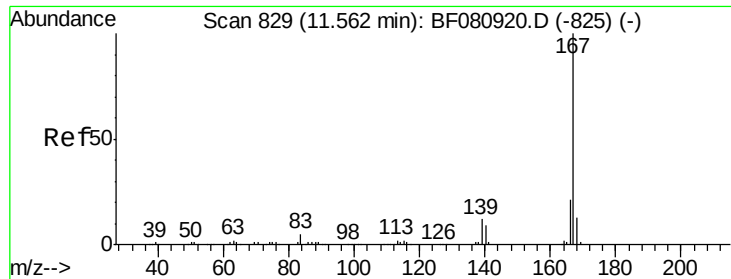
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#71
Anthracene
Concen: 5.28 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.07 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.6	12.6	18.8





#72

Carbazole

Concen: 2.62 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.07 min

Lab File: BF080989.D

Acq: 13 Aug 2015 19:38

Instrument :

BNA_F

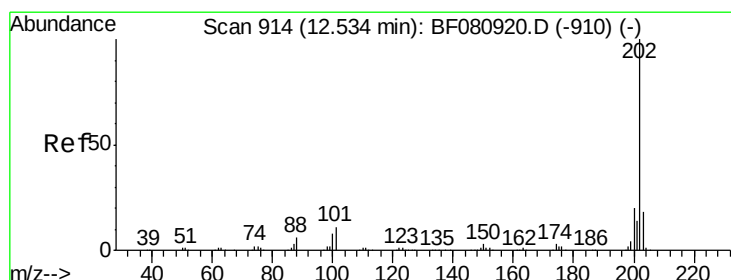
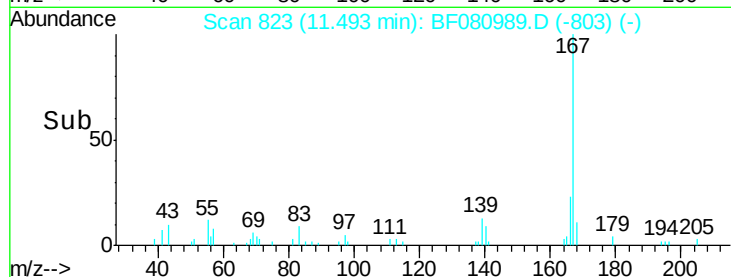
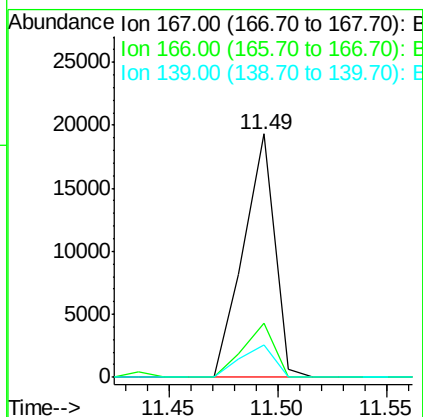
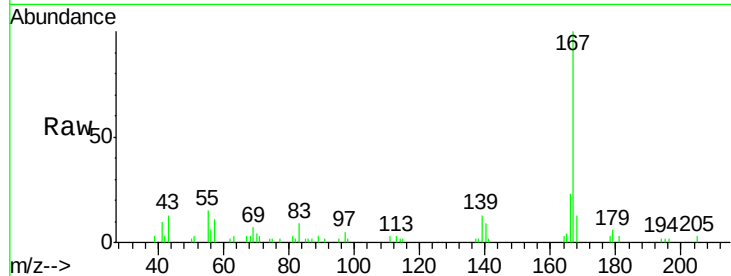
ClientSampleId :

NCB-015CS1(0-25ABGS)

Tot Ion:	167	Resp:	19282
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.1	25.7
139	13.4	9.2	13.8

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#74

Fluoranthene

Concen: 31.16 ng

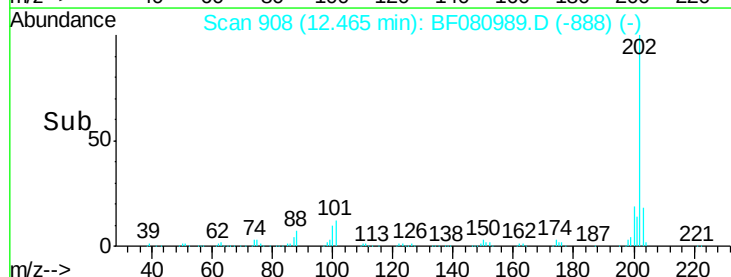
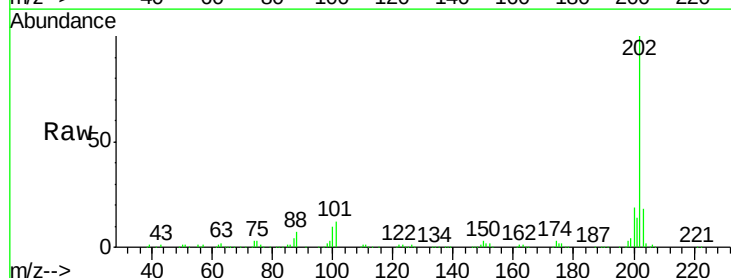
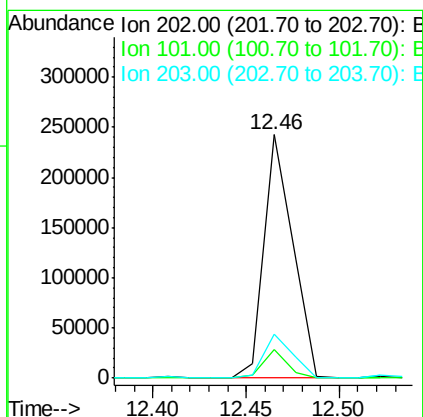
RT: 12.46 min Scan# 908

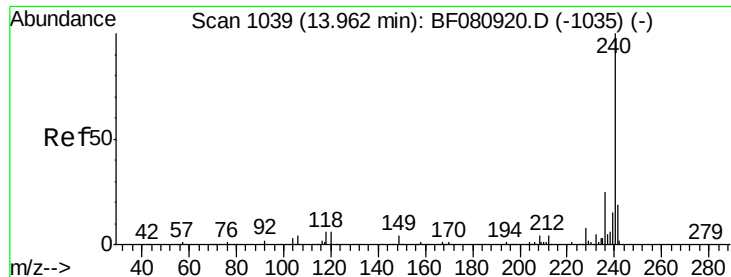
Delta R.T. -0.07 min

Lab File: BF080989.D

Acq: 13 Aug 2015 19:38

Tgt Ion:	202	Resp:	257681
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	30.5
203	18.1	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.08 min

Lab File: BF080989.D

Acq: 13 Aug 2015 19:38

Instrument :

BNA_F

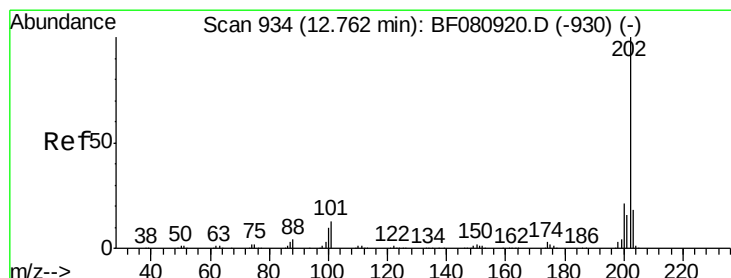
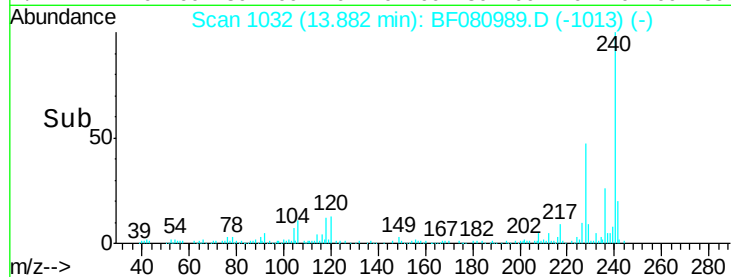
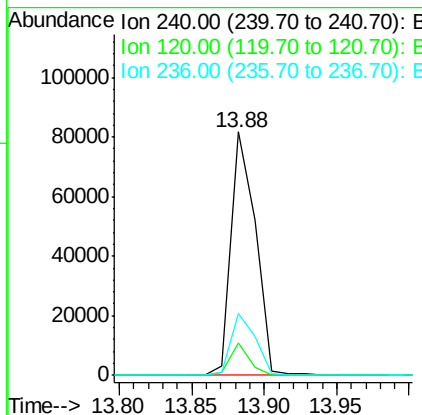
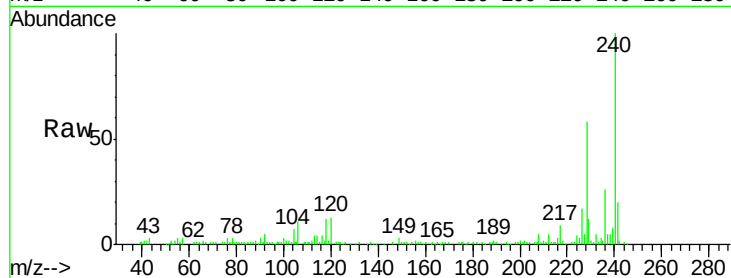
ClientSampleId :

NCB-015CS1(0-25ABGS)

Tot Ion:	240	Resp:	95623
Ion Ratio	Lower	Upper	
240	100		
120	13.1	5.2	7.8#
236	25.5	20.2	30.4

Manual Integrations
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#77

Pyrene

Concen: 32.64 ng

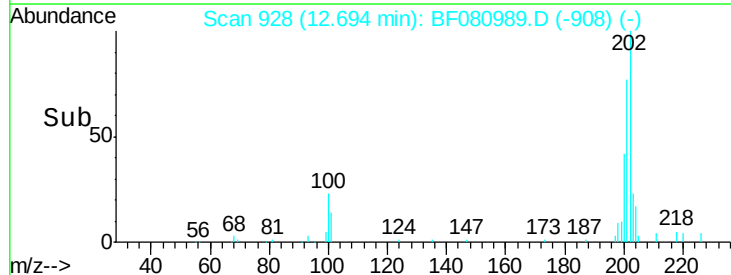
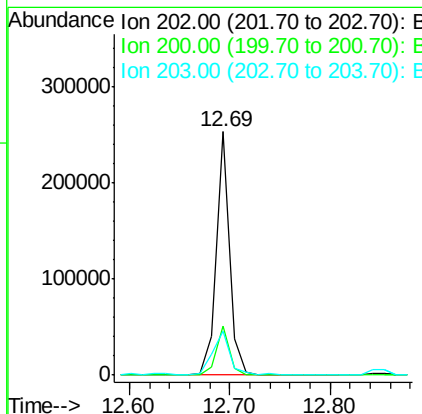
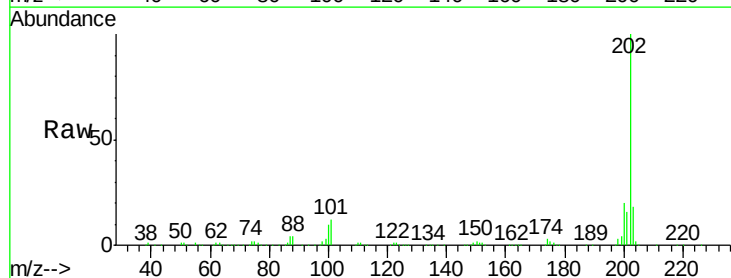
RT: 12.69 min Scan# 928

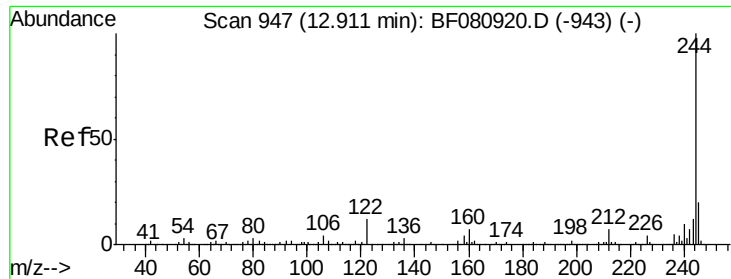
Delta R.T. -0.07 min

Lab File: BF080989.D

Acq: 13 Aug 2015 19:38

Tgt Ion:	202	Resp:	230549
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.6	24.8
203	18.3	14.2	21.2





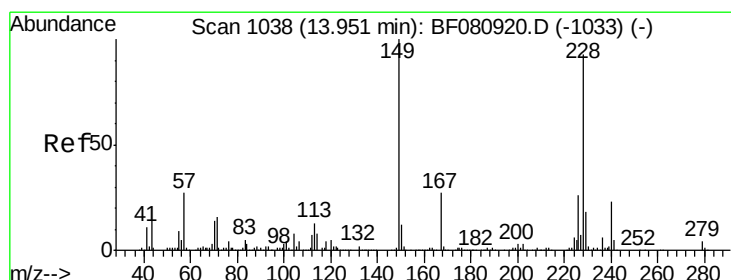
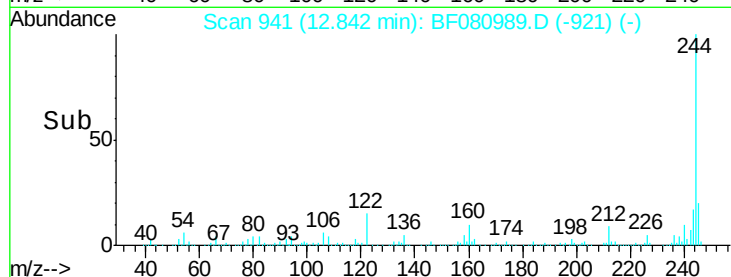
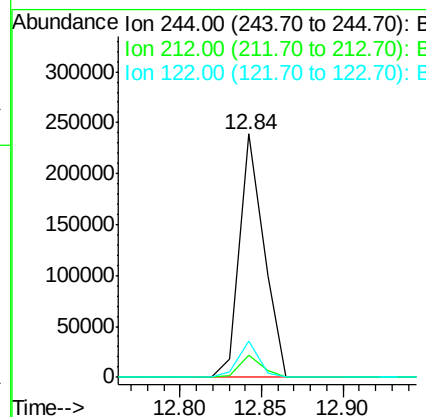
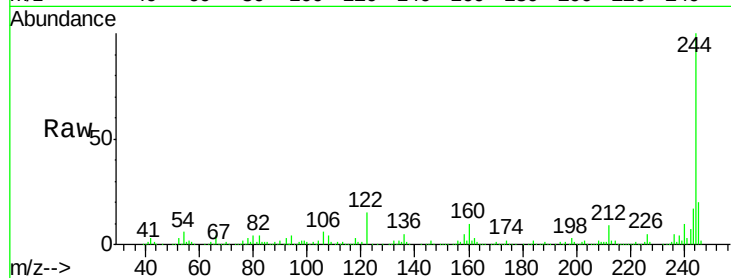
#78
 Terphenyl-d14
 Concen: 53.05 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.07 min
 Lab File: BF080989.D
 Acq: 13 Aug 2015 19:38

Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS1(0-25ABGS)

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	14.7	9.4	14.2#

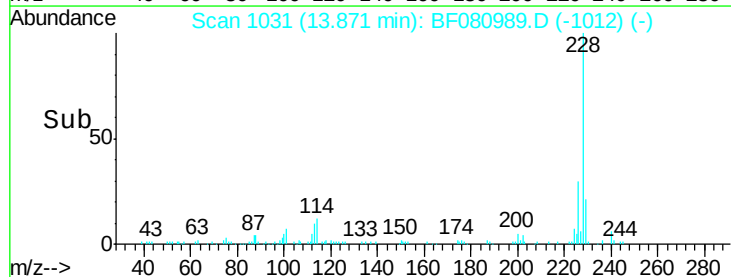
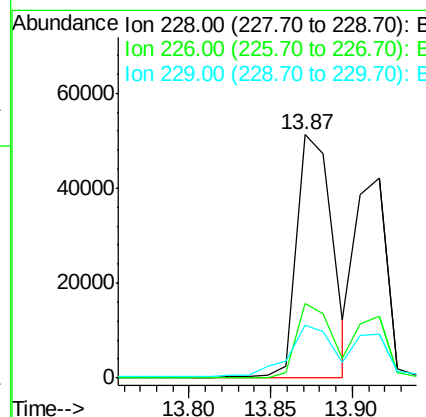
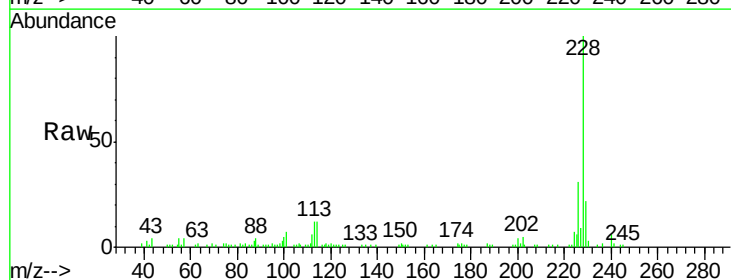
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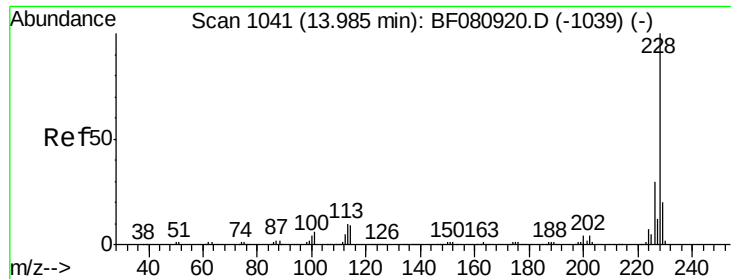
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#80
 Benzo(a)anthracene
 Concen: 13.02 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.08 min
 Lab File: BF080989.D
 Acq: 13 Aug 2015 19:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	22.2	33.2
229	21.6	15.8	23.6





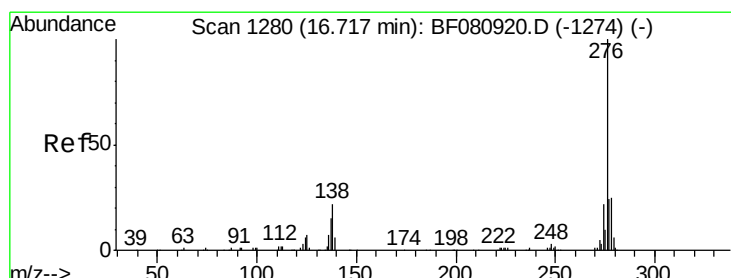
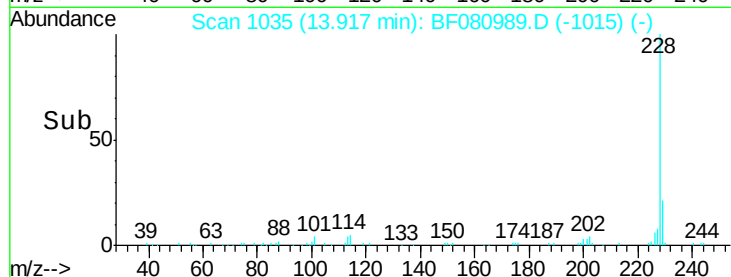
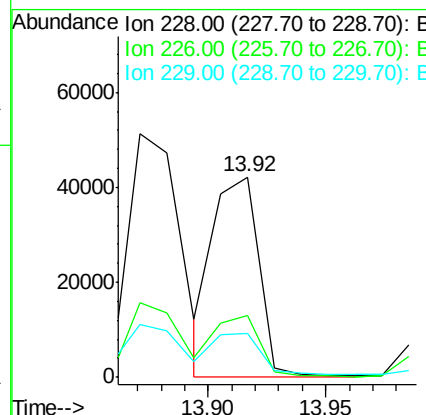
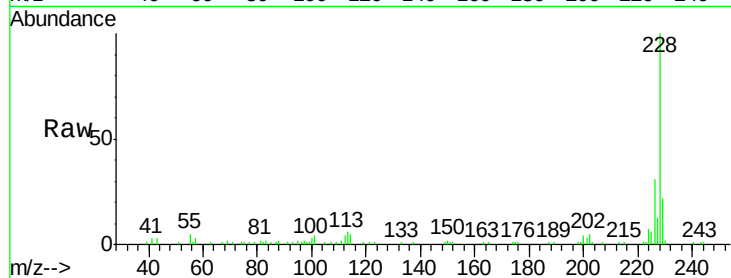
#82
Chrysene
Concen: 10.01 ng m
RT: 13.92 min Scan# 1035
Delta R.T. -0.07 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	22.1	15.8	23.6

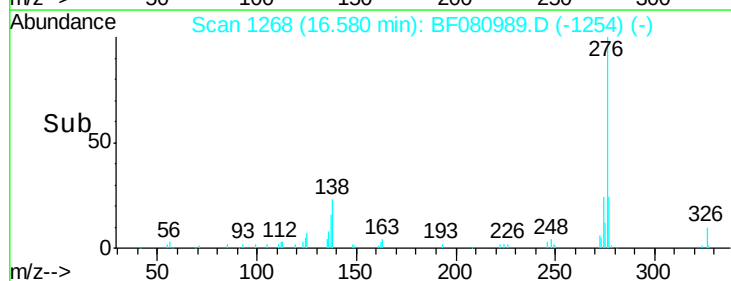
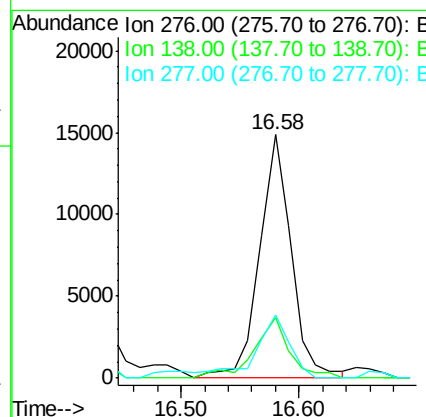
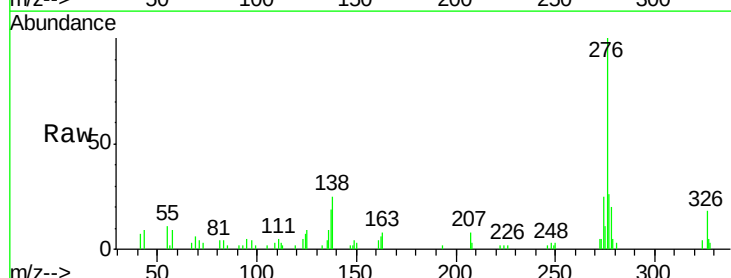
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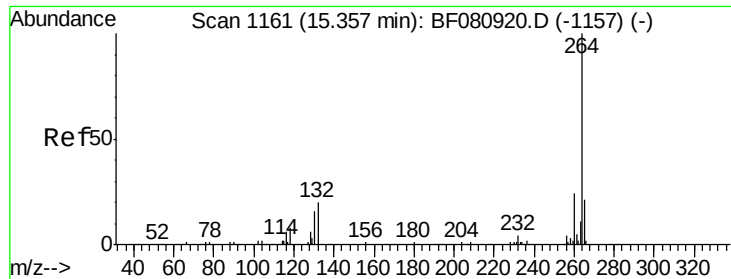
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.04 ng m
RT: 16.58 min Scan# 1268
Delta R.T. -0.14 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.9	29.9#
277	1.8	19.7	29.5#





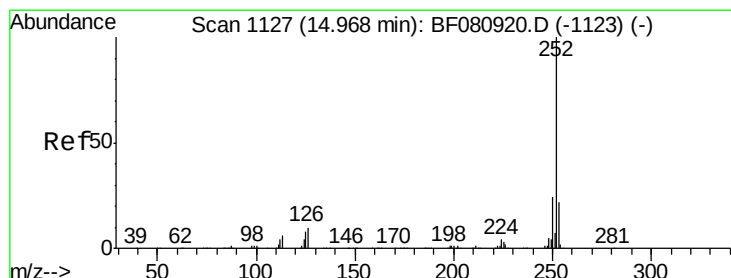
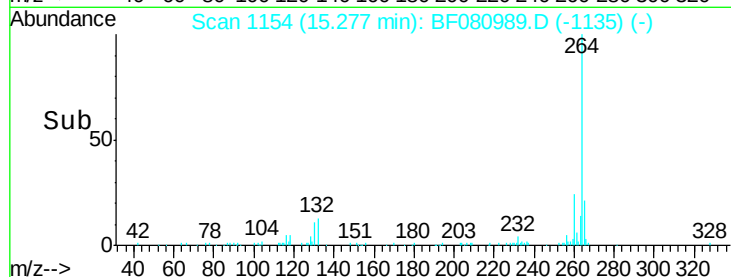
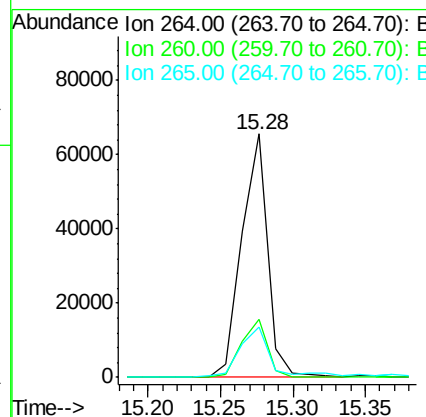
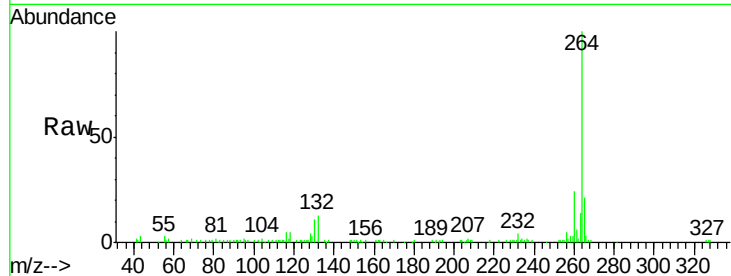
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.08 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	20.8	17.0	25.4

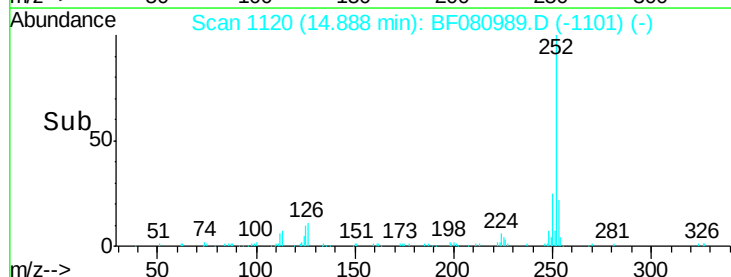
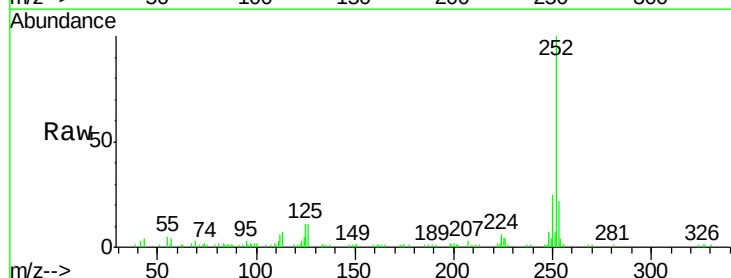
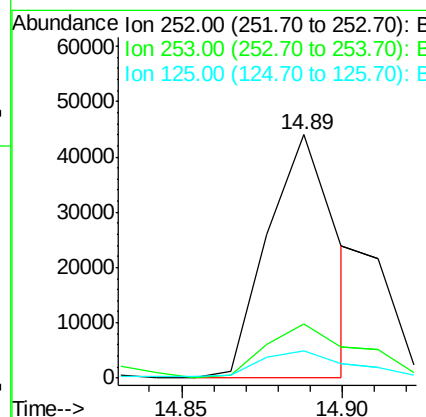
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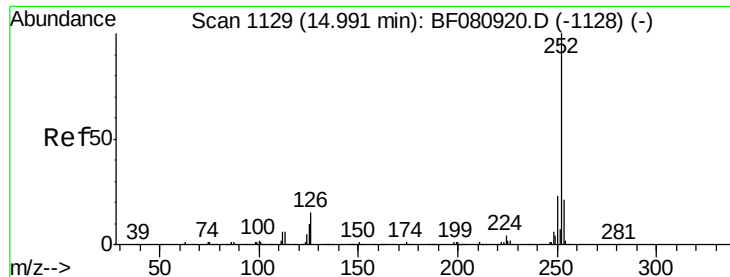
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#87
Benzo(b)fluoranthene
Concen: 11.55 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.08 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.0	6.1	9.1#





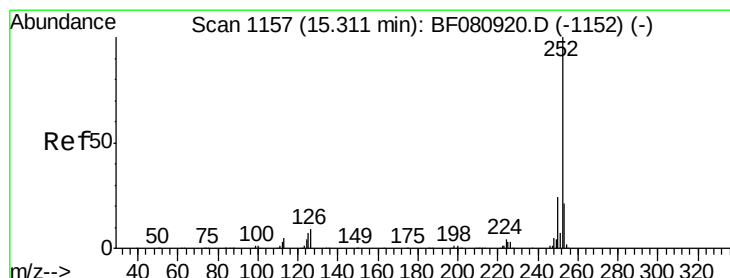
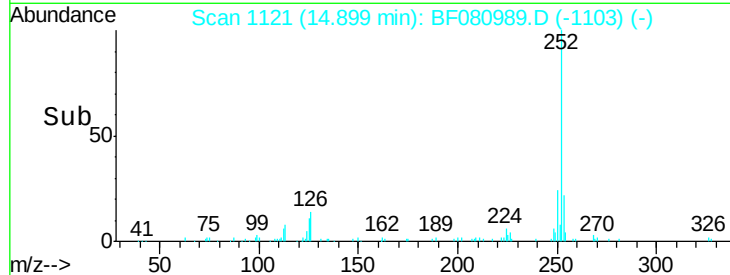
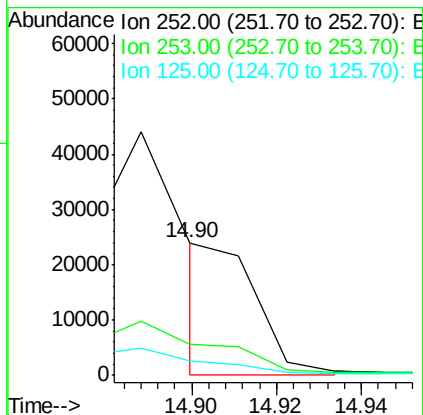
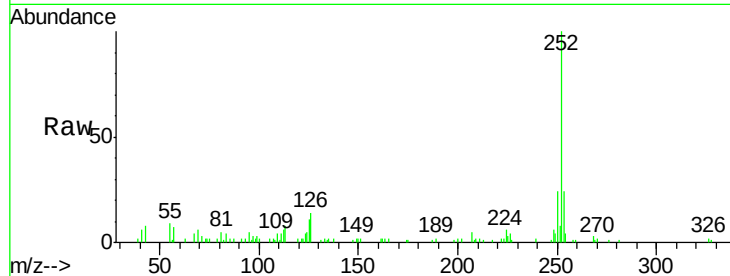
#88
Benzo(k)fluoranthene
Concen: 3.45 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.09 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	11.4	9.0	13.6

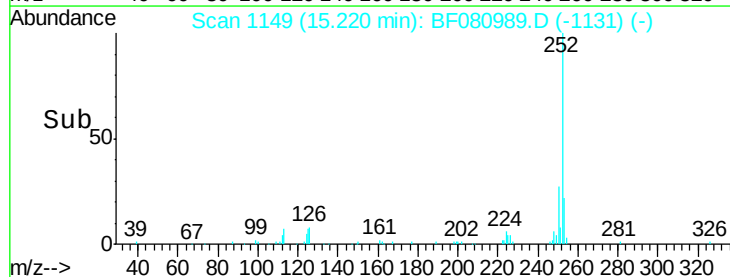
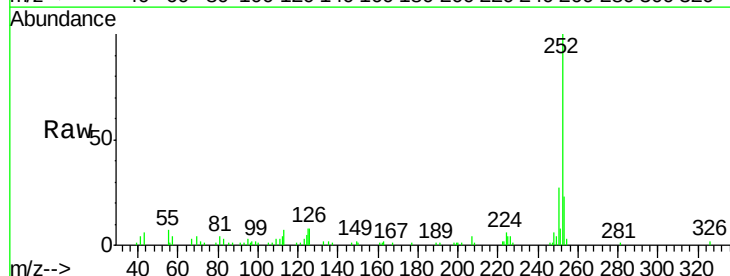
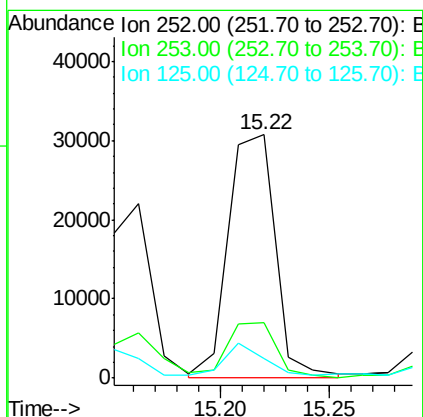
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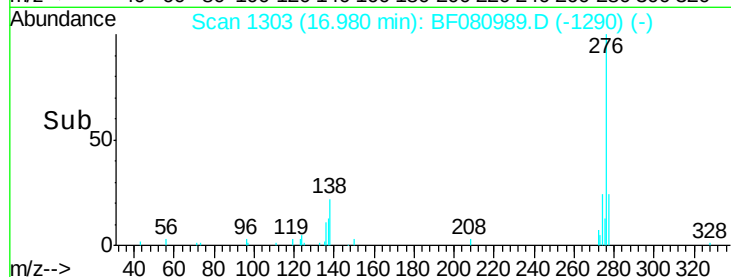
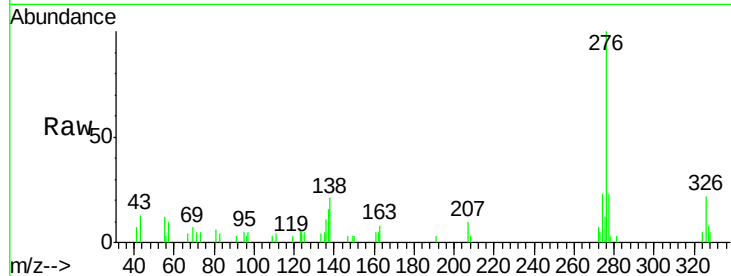
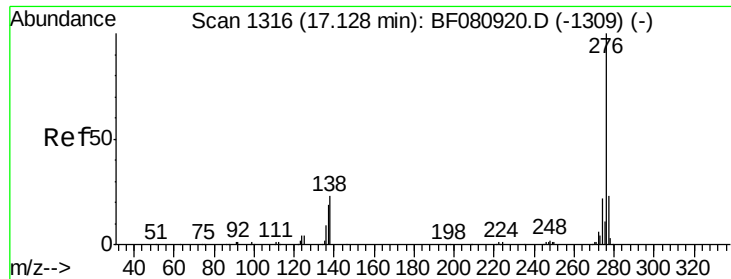
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#89
Benzo(a)pyrene
Concen: 9.50 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.09 min
Lab File: BF080989.D
Acq: 13 Aug 2015 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.9	25.3
125	7.8	5.8	8.8





#91

Benzo(a,h,i)perylene

Concen: 6.14 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.15 min

Lab File: BF080989.D

Acq: 13 Aug 2015 19:38

Tot Ion:	276	Resp:	25679
Ion Ratio		Lower	Upper
276	100		
277	23.1	18.6	28.0
138	20.9	18.4	27.6

Instrument :

BNA_F

ClientSampleId :

NCB-015CS1(0-25ABGS)

Manual Integrations
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