

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082387.D
 Acq On : 20 Oct 2015 7:25
 Operator : UM/IZ
 Sample : G4046-01DL2 250X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GOODLUCK902DL2

Manual Integrations
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 10/20/2015 6:26:08 PM

Quant Time: Oct 20 08:50:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	83299	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	346134	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	165438	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	283576	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	223607	20.00	ng	0.00
86) Perylene-d12	15.51	264	213886	20.00	ng	0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.48	99	441	0.08	ng	0.00
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	10.64	330	209	0.13	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	3324	0.33	ng	-0.04
78) Terphenyl-d14	12.93	244	3151	0.37	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
57) Fluorene	10.40	166	29073	2.78	ng	97
70) Phenanthrene	11.36	178	544328	39.16	ng	99
71) Anthracene	11.42	178	241879	16.89	ng	99
72) Carbazole	11.58	167	82678	6.33	ng	97
74) Fluoranthene	12.56	202	612463	41.03	ng	98
77) Pyrene	12.79	202	318173	23.98	ng	97
80) Benzo(a)anthracene	14.00	228	76511	6.58	ng	99
82) Chrysene	14.04	228	80225m	6.54	ng	
87) Benzo(b)fluoranthene	15.09	252	39036m	3.00	ng	

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

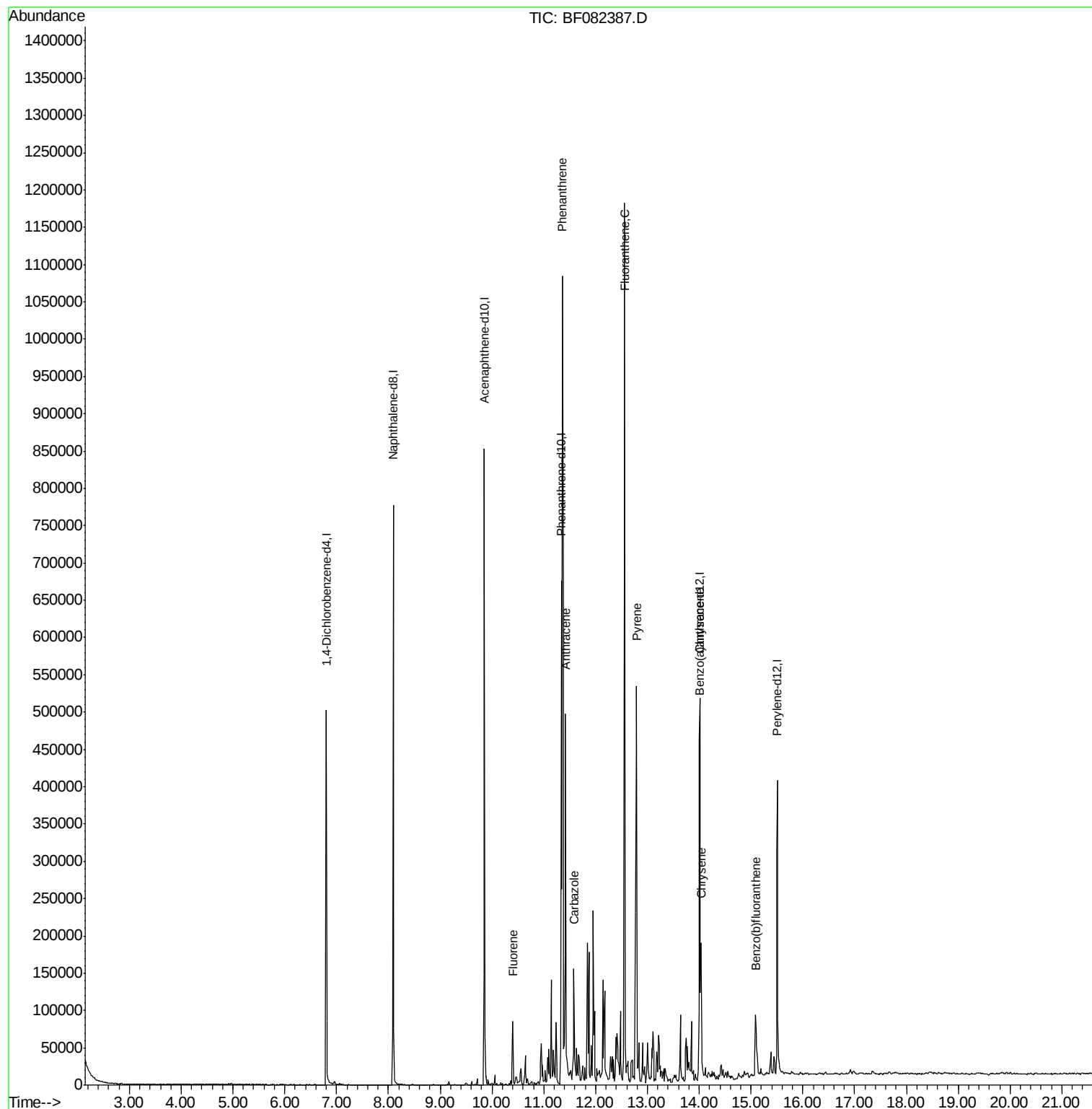
Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082387.D
Acq On : 20 Oct 2015 7:25
Operator : UM/IZ
Sample : G4046-01DL2 250X
Misc :
ALS Vial : 34 Sample Multiplier: 1

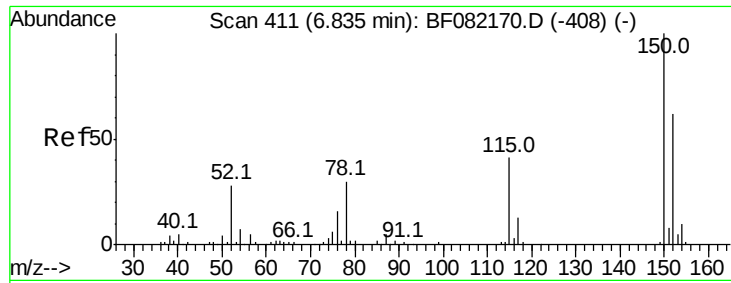
Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL2

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10/20/2015 6:26:08 PM

Quant Time: Oct 20 08:50:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

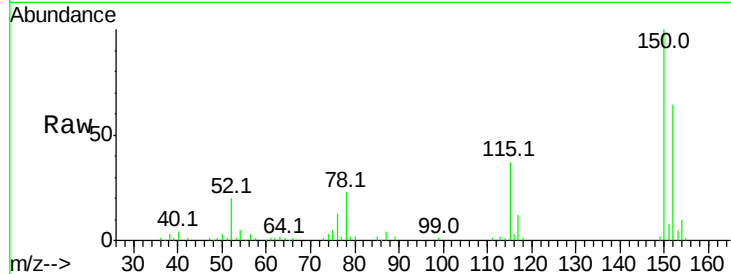
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF082387.D
Acq: 20 Oct 2015 7:25

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	129.0	193.4
115	57.8	52.1	78.1

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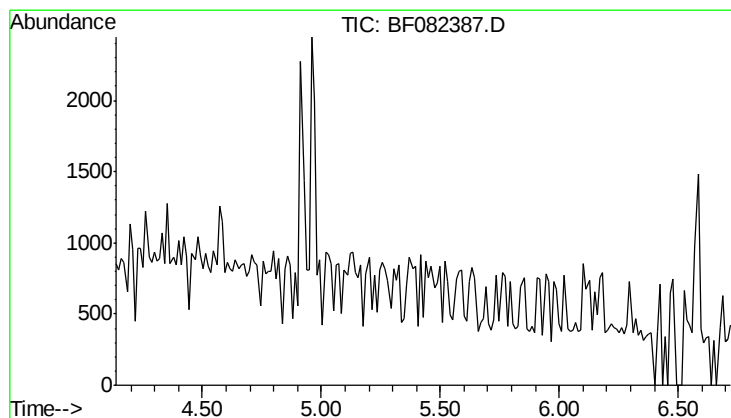
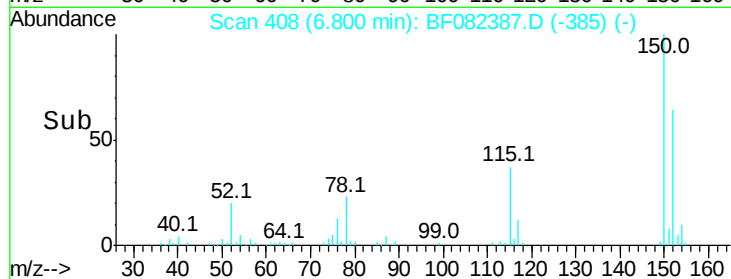
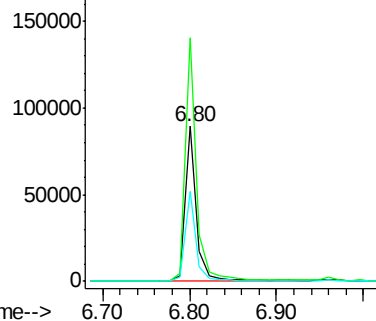


Abundance

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

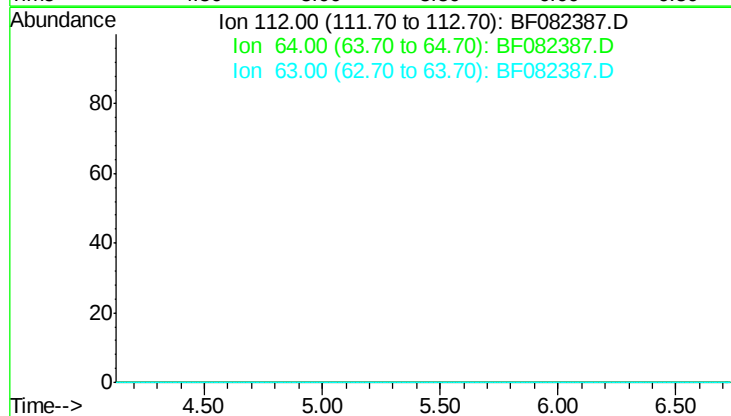


#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.43 min

Lab File: BF082387.D
Acq: 20 Oct 2015 7:25

Tgt Ion	Exp Ratio
112	100
64	60.8
63	31.4





#7

Phenol-d6

Concen: 0.08 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082387.D

Acq: 20 Oct 2015 7:25

Instrument :

BNA_F

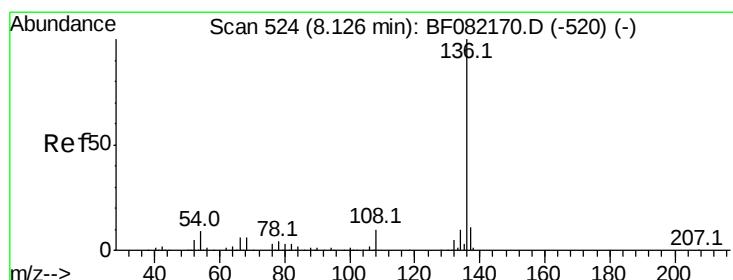
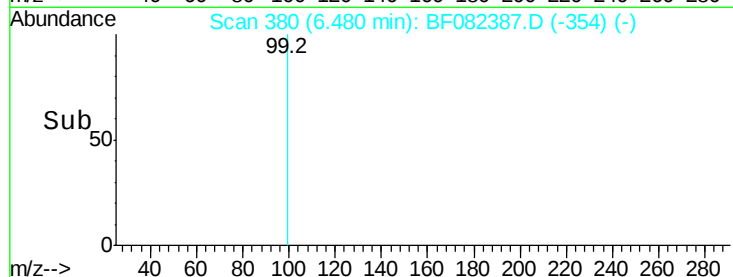
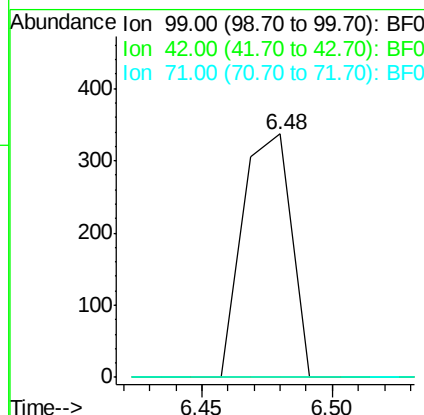
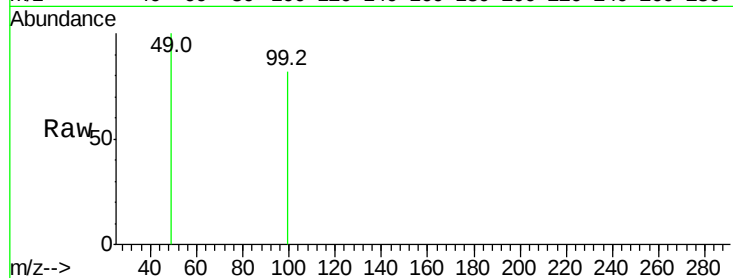
ClientSampleId :

GOODLUCK902DL2

Tot Ion:	99	Resp:	441
Ion Ratio	Lower	Upper	
99	100		
42	0.0	13.2	19.8#
71	0.0	25.6	38.4#

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#21

Naphthalene-d8

Concen: 20.00 ng

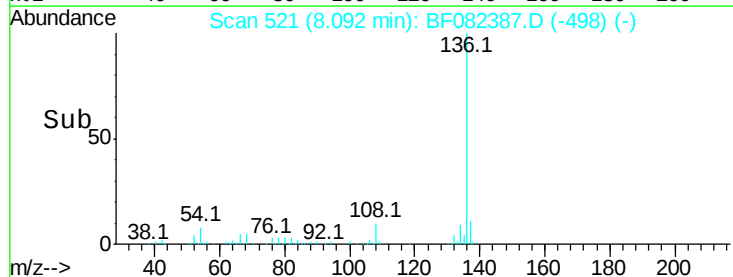
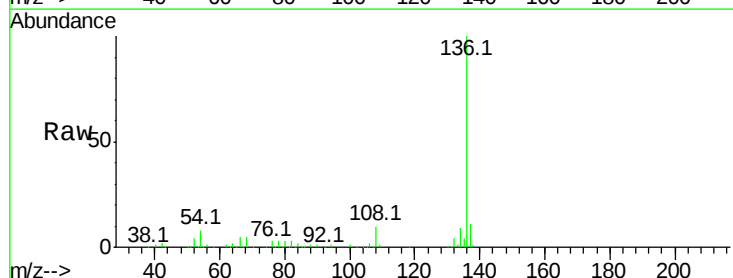
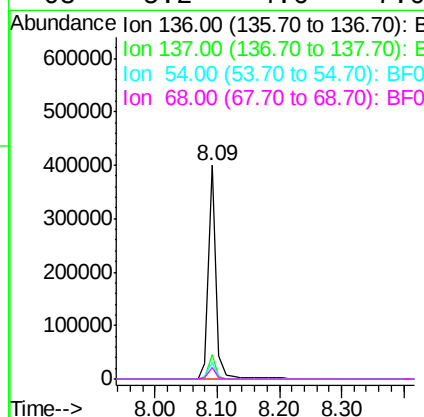
RT: 8.09 min Scan# 521

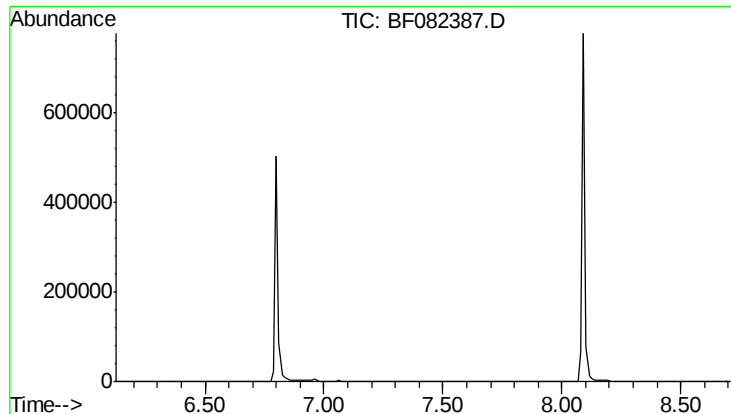
Delta R.T. -0.03 min

Lab File: BF082387.D

Acq: 20 Oct 2015 7:25

Tgt Ion:	136	Resp:	346134
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	7.7	7.5	11.3
68	5.2	4.6	7.0



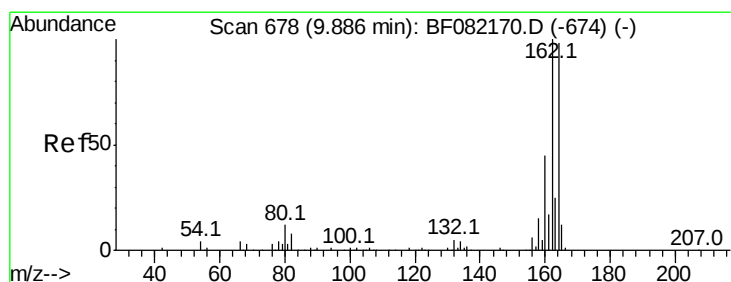
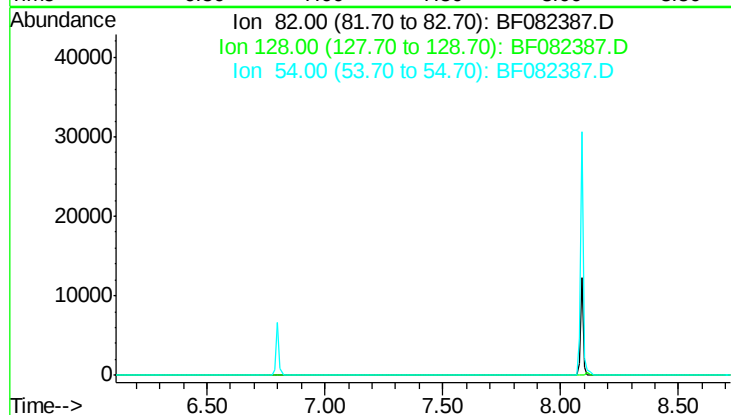


#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.42 min
 Lab File: BF082387.D
 Acq: 20 Oct 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :
 GOODLUCK902DL2

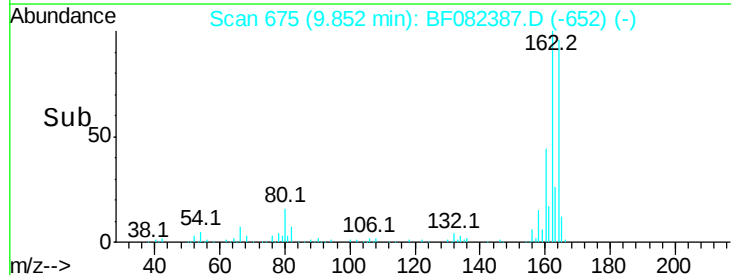
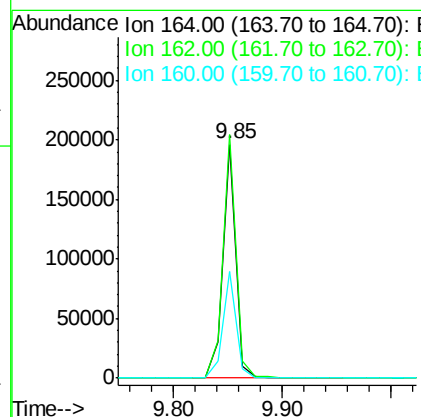
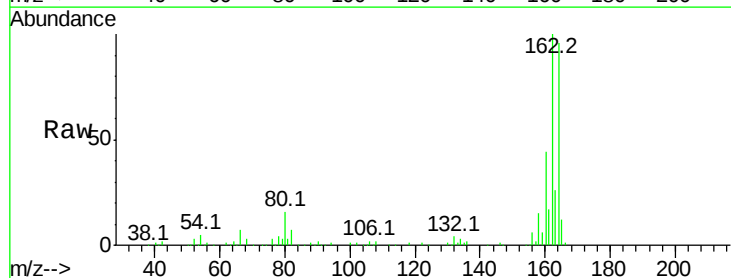
Tot Ion:	82
Sig	Exp Ratio
82	100
128	48.4
54	50.1

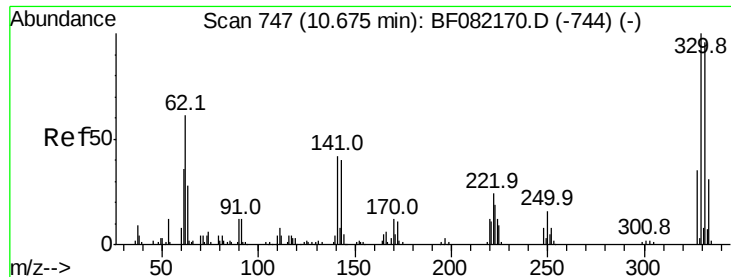
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 675
 Delta R.T. -0.03 min
 Lab File: BF082387.D
 Acq: 20 Oct 2015 7:25

Tgt Ion:	164	Resp:	165438
Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.6	122.4
160	45.8	36.4	54.6





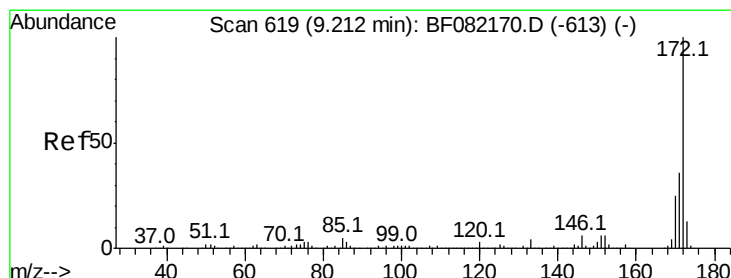
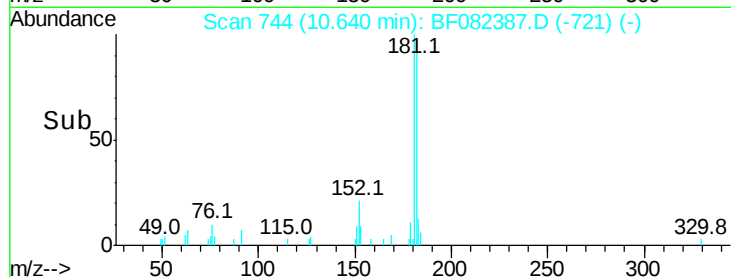
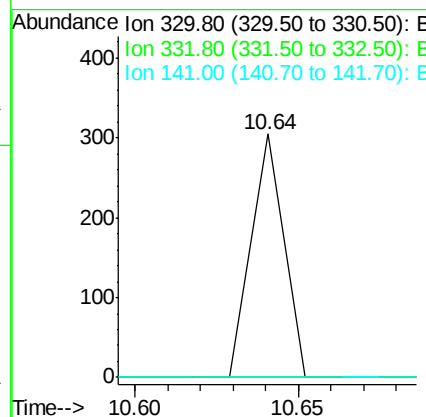
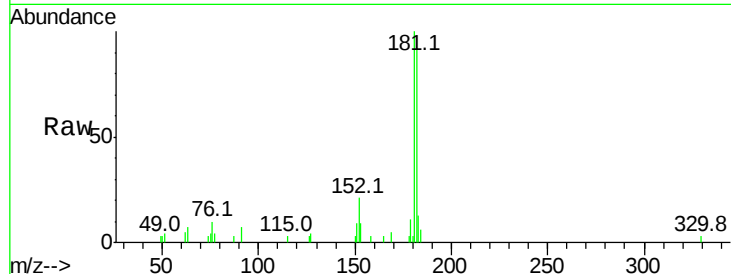
#41
 2,4,6-Tribromophenol
 Concen: 0.13 ng
 RT: 10.64 min Scan# 744
 Delta R.T. -0.03 min
 Lab File: BF082387.D
 Acq: 20 Oct 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :
 GOODLUCK902DL2

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.1	115.7#
141	0.0	29.8	44.8#

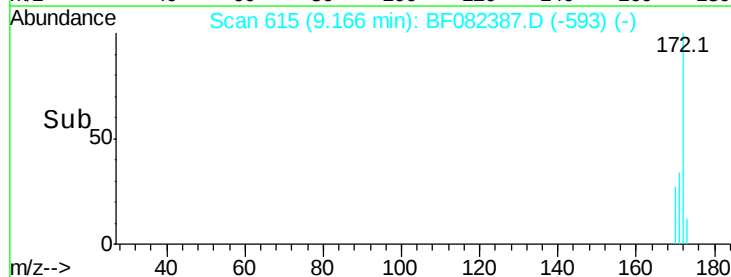
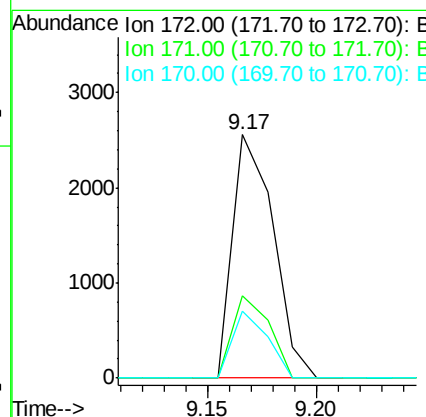
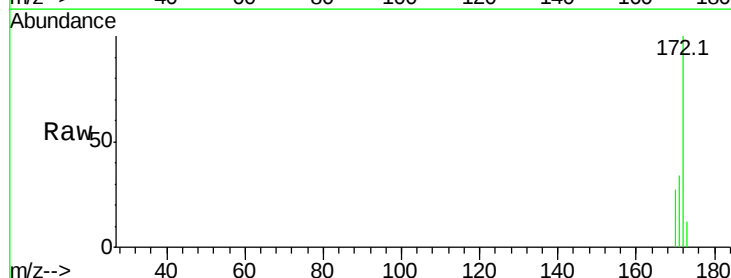
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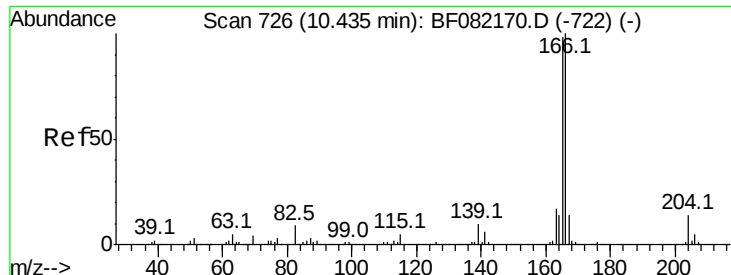
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#44
 2-Fluorobiphenyl
 Concen: 0.33 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.04 min
 Lab File: BF082387.D
 Acq: 20 Oct 2015 7:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	42.8
170	27.5	19.7	29.5





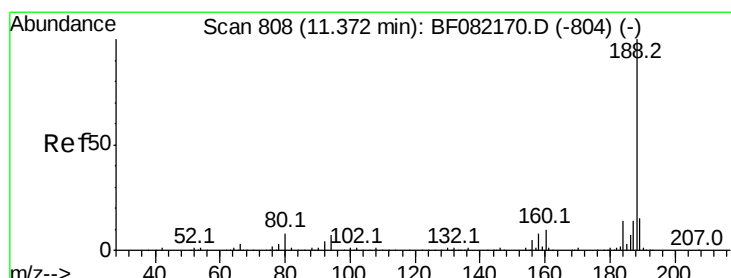
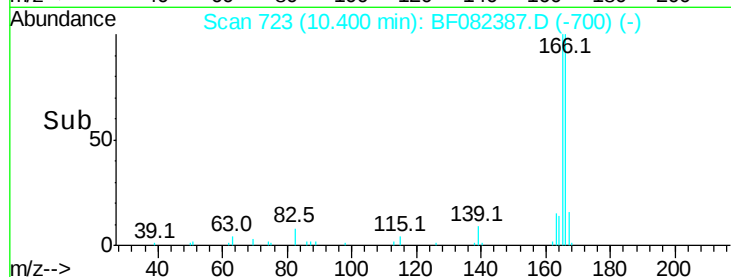
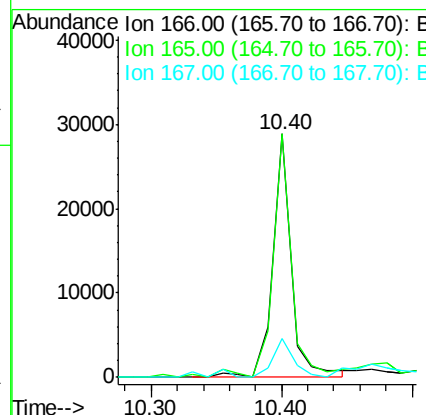
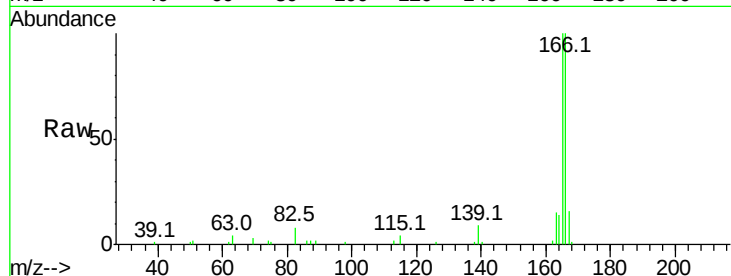
#57
Fluorene
Concen: 2.78 ng
RT: 10.40 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF082387.D
Acq: 20 Oct 2015 7:25

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL2

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.3	117.5
167	15.8	10.8	16.2

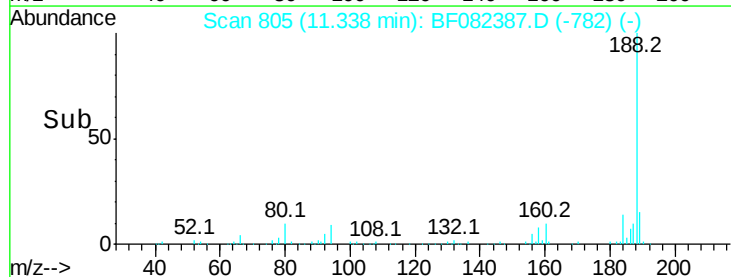
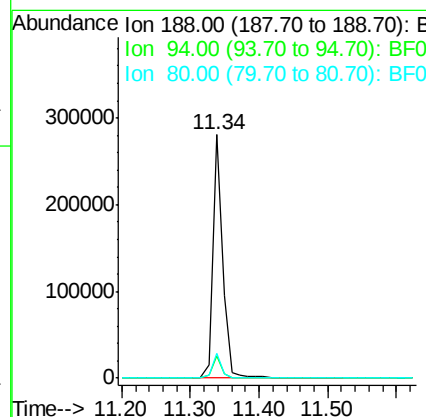
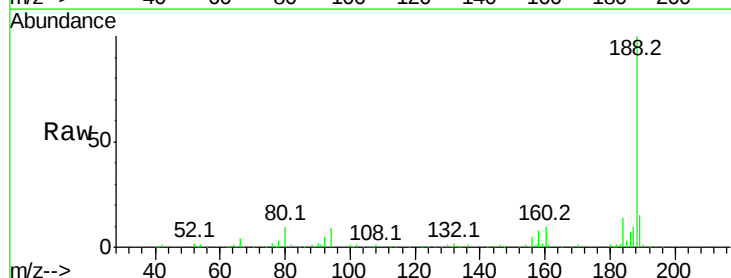
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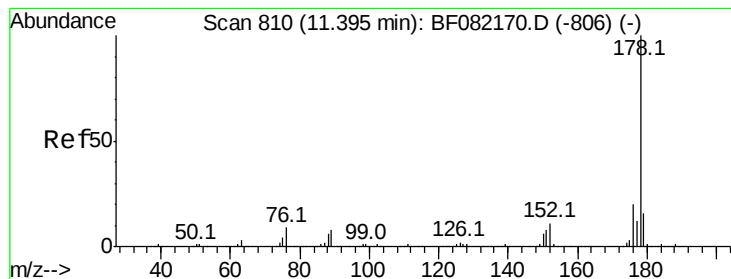
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF082387.D
Acq: 20 Oct 2015 7:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.8	8.6#
80	10.4	6.4	9.6#





#70

Phenanthrene

Concen: 39.16 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF082387.D

Acq: 20 Oct 2015 7:25

Instrument :

BNA_F

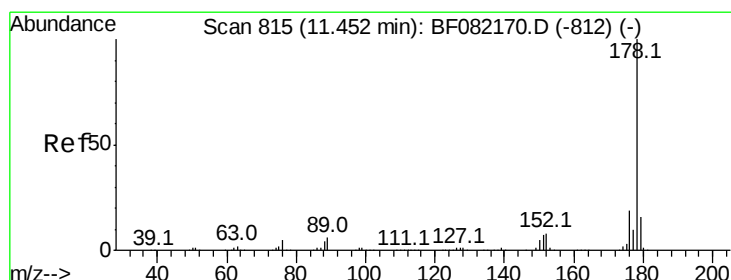
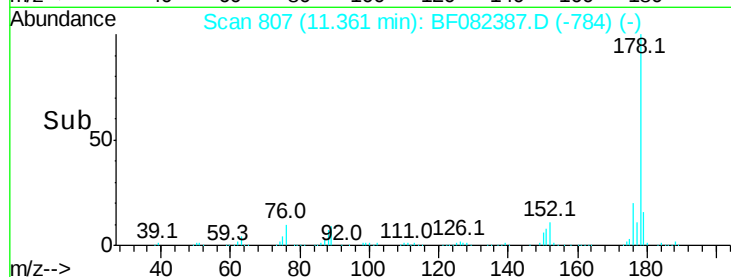
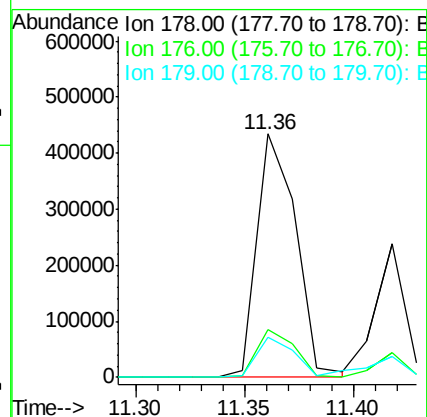
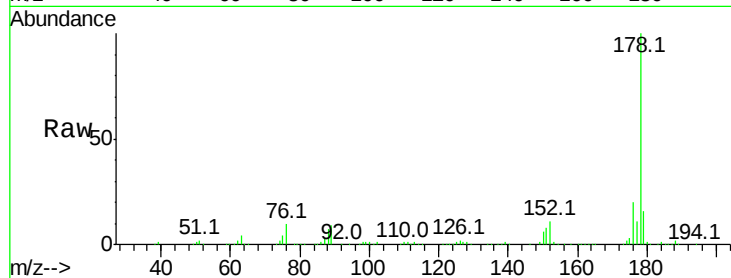
ClientSampleId :

GOODLUCK902DL2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.3	12.6	19.0

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#71

Anthracene

Concen: 16.89 ng

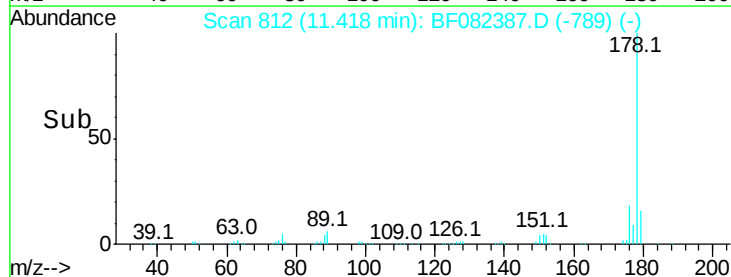
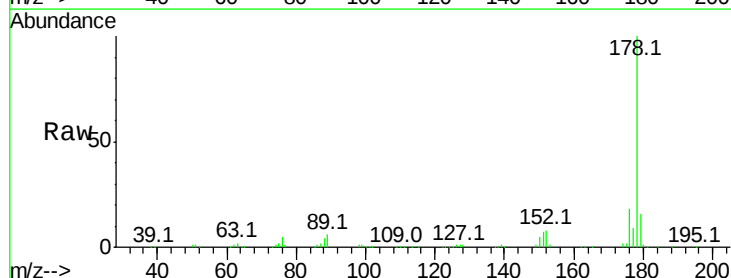
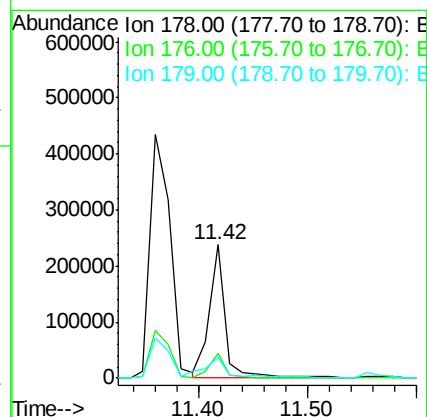
RT: 11.42 min Scan# 812

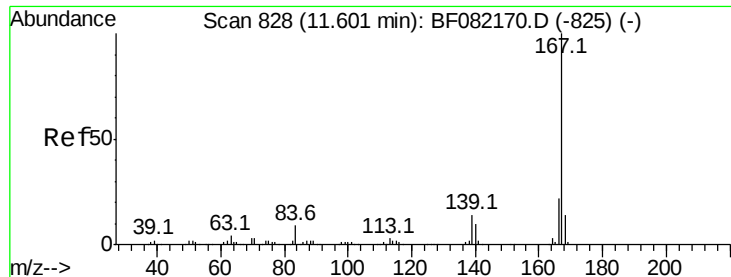
Delta R.T. -0.03 min

Lab File: BF082387.D

Acq: 20 Oct 2015 7:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.8	12.5	18.7





#72

Carbazole

Concen: 6.33 ng

RT: 11.58 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF082387.D

Acq: 20 Oct 2015 7:25

Instrument :

BNA_F

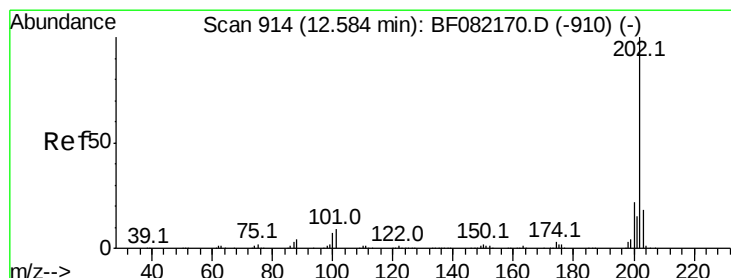
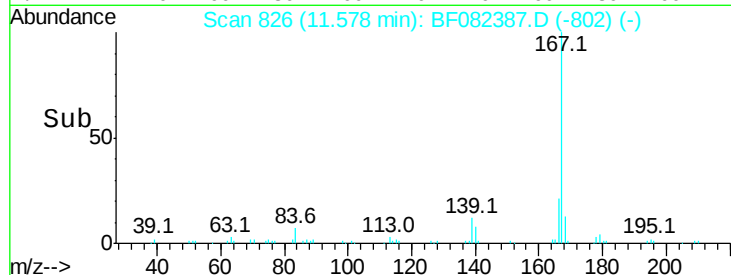
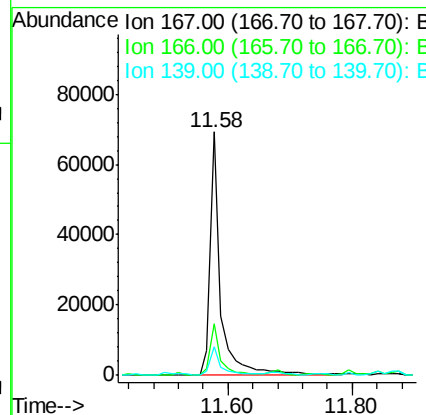
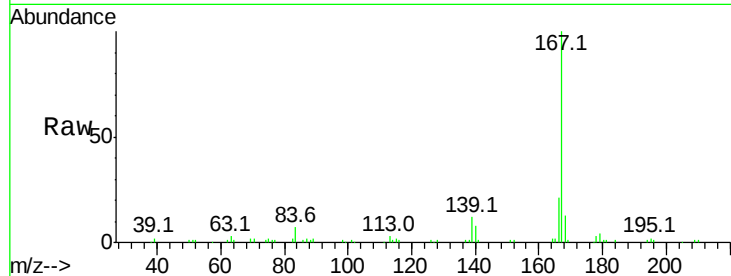
ClientSampleId :

GOODLUCK902DL2

Tot Ion:	167	Resp:	82678
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.3	25.9
139	11.8	11.2	16.8

Manual Integrations
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#74

Fluoranthene

Concen: 41.03 ng

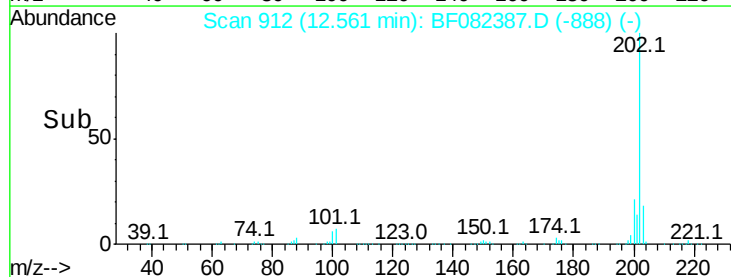
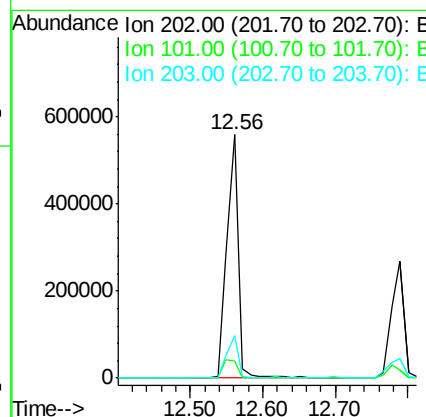
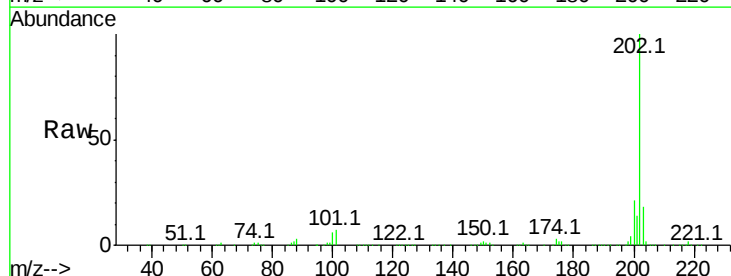
RT: 12.56 min Scan# 912

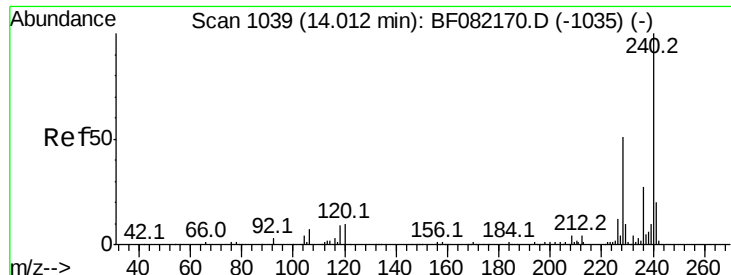
Delta R.T. -0.02 min

Lab File: BF082387.D

Acq: 20 Oct 2015 7:25

Tgt Ion:	202	Resp:	612463
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	29.3
203	17.8	0.0	37.8





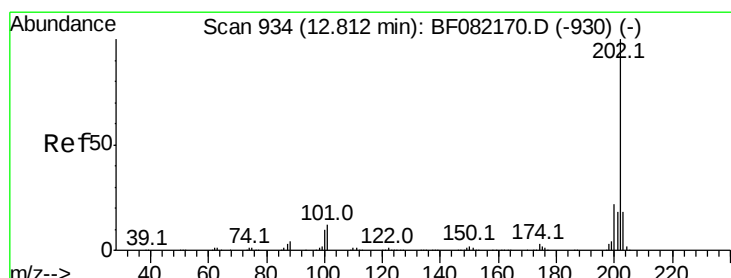
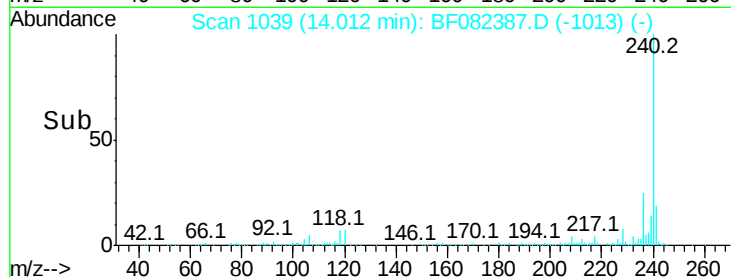
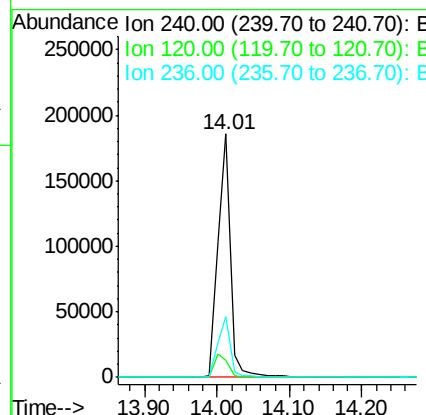
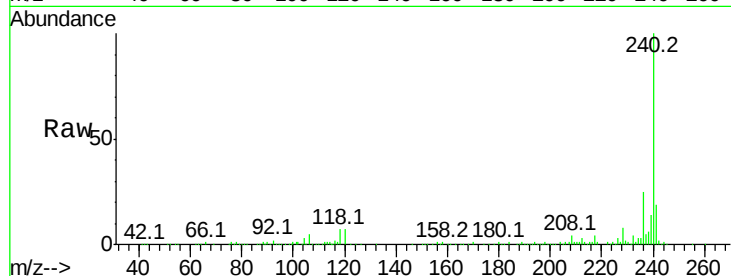
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082387.D
Acq: 20 Oct 2015 7:25

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL2

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.8	8.1	12.1#
236	25.1	21.3	31.9

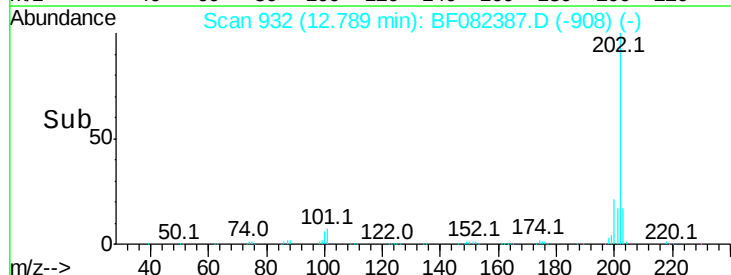
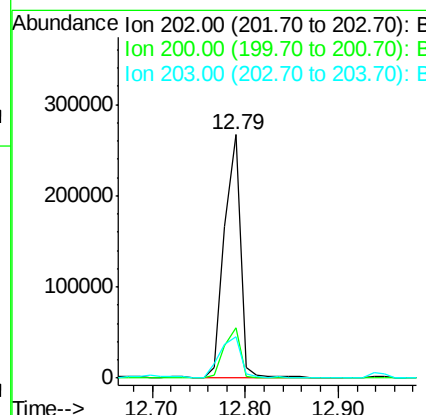
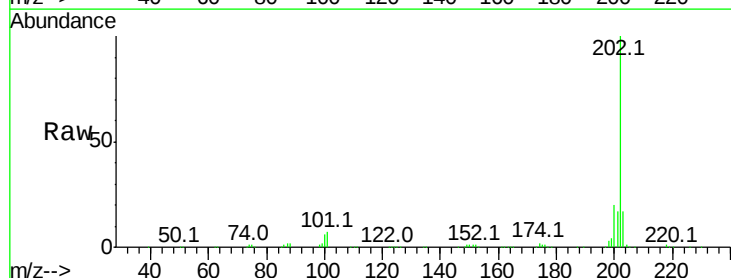
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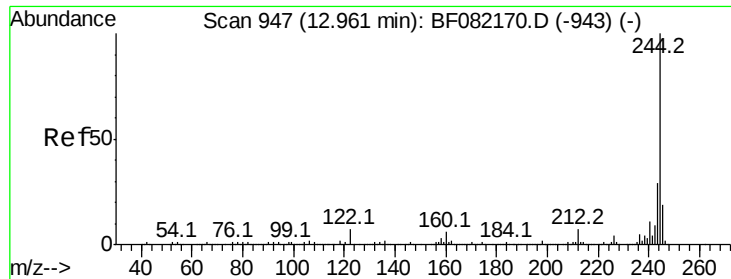
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#77
Pyrene
Concen: 23.98 ng
RT: 12.79 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF082387.D
Acq: 20 Oct 2015 7:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.9	26.9
203	17.1	14.5	21.7





#78

Terphenyl-d14

Concen: 0.37 ng

RT: 12.93 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF082387.D

Acq: 20 Oct 2015 7:25

Instrument :

BNA_F

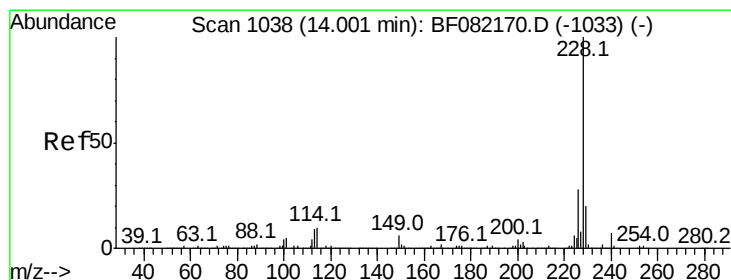
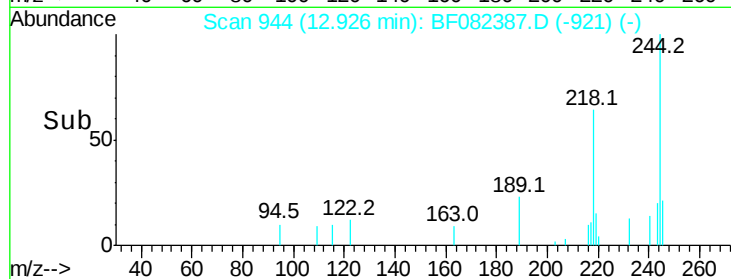
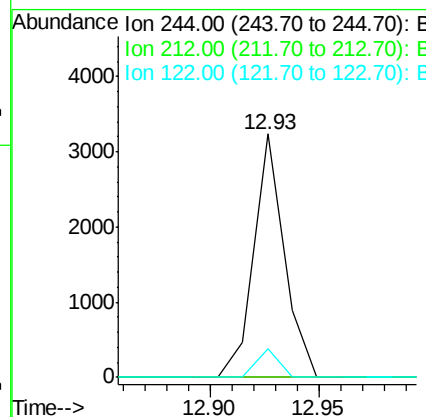
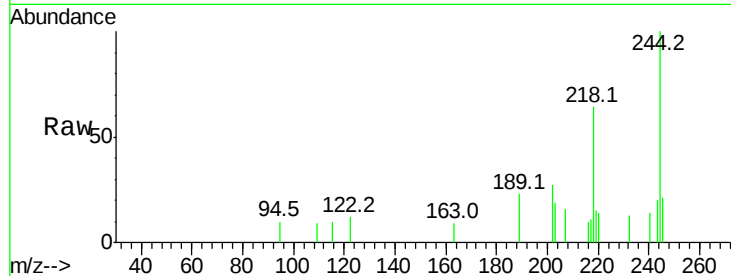
ClientSampleId :

GOODLUCK902DL2

Tot Ion:	244	Resp:	3151
Ion Ratio	Lower	Upper	
244	100		
212	0.0	5.8	8.6#
122	11.6	5.9	8.9#

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#80

Benzo(a)anthracene

Concen: 6.58 ng

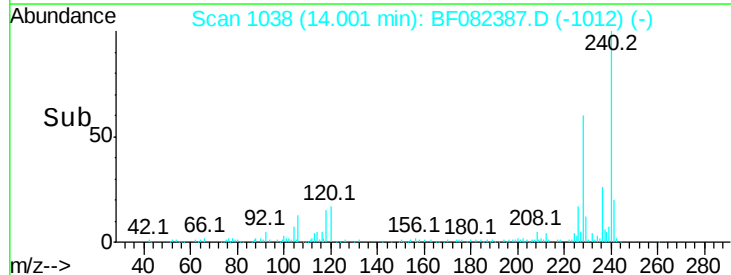
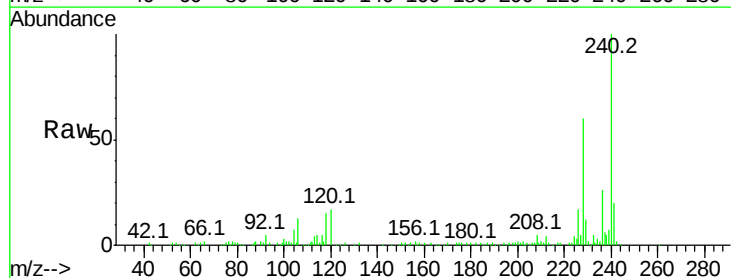
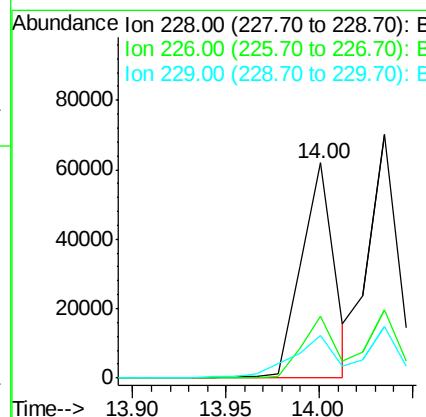
RT: 14.00 min Scan# 1038

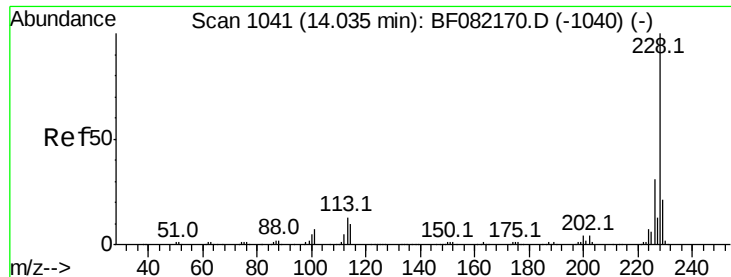
Delta R.T. -0.00 min

Lab File: BF082387.D

Acq: 20 Oct 2015 7:25

Tgt Ion:	228	Resp:	76511
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.3	33.5
229	19.9	16.2	24.2





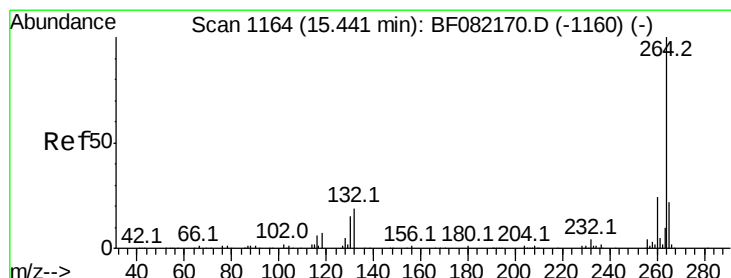
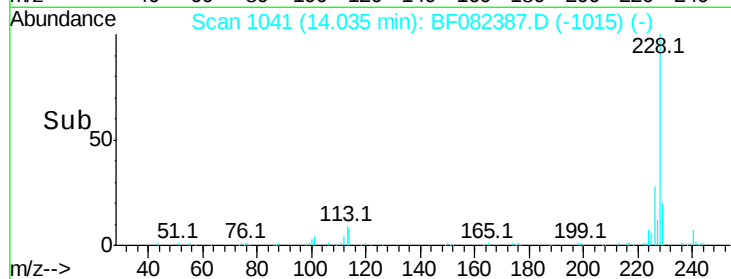
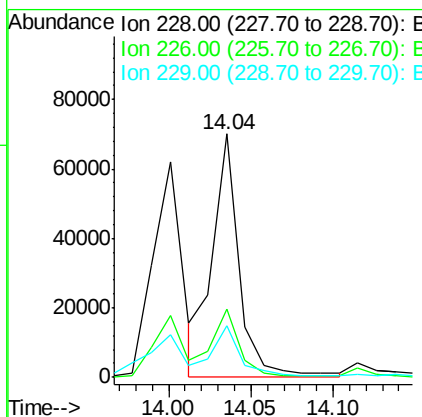
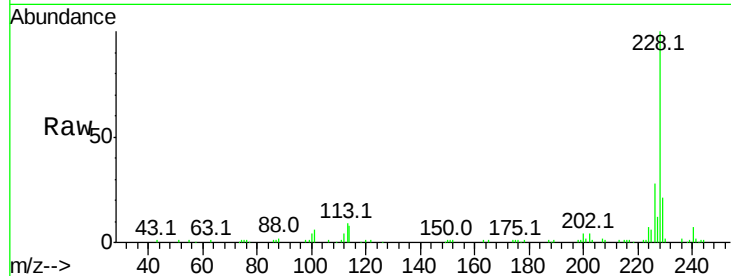
#82
Chrysene
Concen: 6.54 ng/mL
RT: 14.04 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF082387.D
Acq: 20 Oct 2015 7:25

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL2

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.4	36.6
229	21.0	16.3	24.5

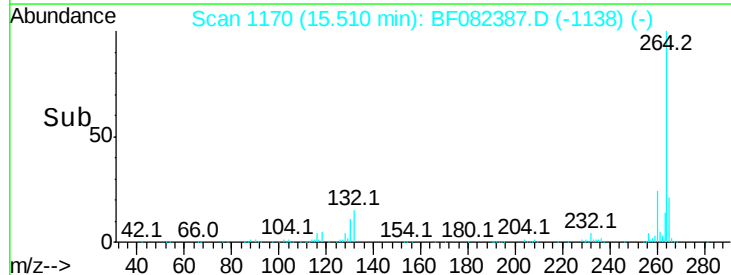
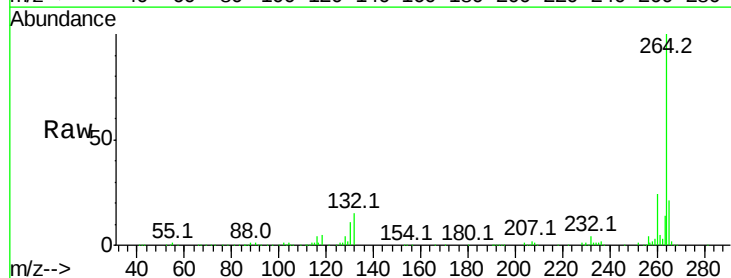
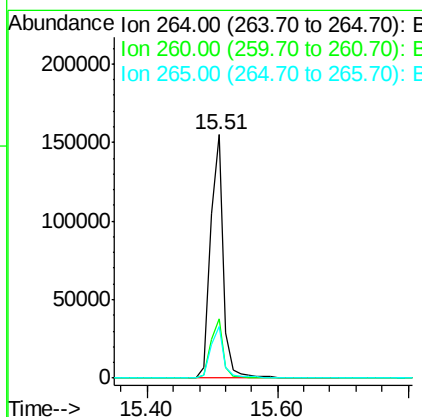
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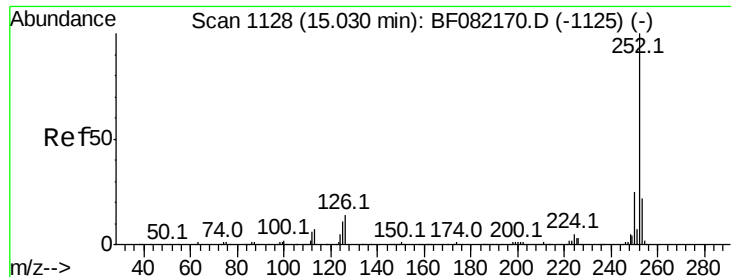
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. 0.07 min
Lab File: BF082387.D
Acq: 20 Oct 2015 7:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	21.4	17.3	25.9





#87
 Benzo(b)fluoranthene
 Concen: 3.00 ng m
 RT: 15.09 min Scan# 1133
 Delta R.T. 0.06 min
 Lab File: BF082387.D
 Acq: 20 Oct 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :
 GOODLUCK902DL2

Tot Ion:	252	Resp:	39036
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	11.4	8.6	12.8

Manual Integrations
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