

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082204.D
 Acq On : 11 Oct 2015 5:11
 Operator : UM/IZ
 Sample : G3979-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A15COMP

Manual Integrations
 APPROVED

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 10/12/2015 2:38:16 PM

Quant Time: Oct 12 04:06:47 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 02:59:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	96555	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	382011	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	179815	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	331631	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	251940	20.00	ng	-0.01
86) Perylene-d12	15.44	264	206594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	553120	115.61	ng	0.01
7) Phenol-d6	6.48	99	720819	115.78	ng	0.00
23) Nitrobenzene-d5	7.41	82	422358	74.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	187139	110.97	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	697581	64.34	ng	-0.01
78) Terphenyl-d14	12.95	244	579263	60.93	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	266203	21.02	ng	99
70) Phenanthrene	11.38	178	37454	2.30	ng	97
74) Fluoranthene	12.57	202	77068	4.41	ng	97
77) Pyrene	12.80	202	62122	4.15	ng	98
87) Benzo(b)fluoranthene	15.03	252	29853m	2.38	ng	

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

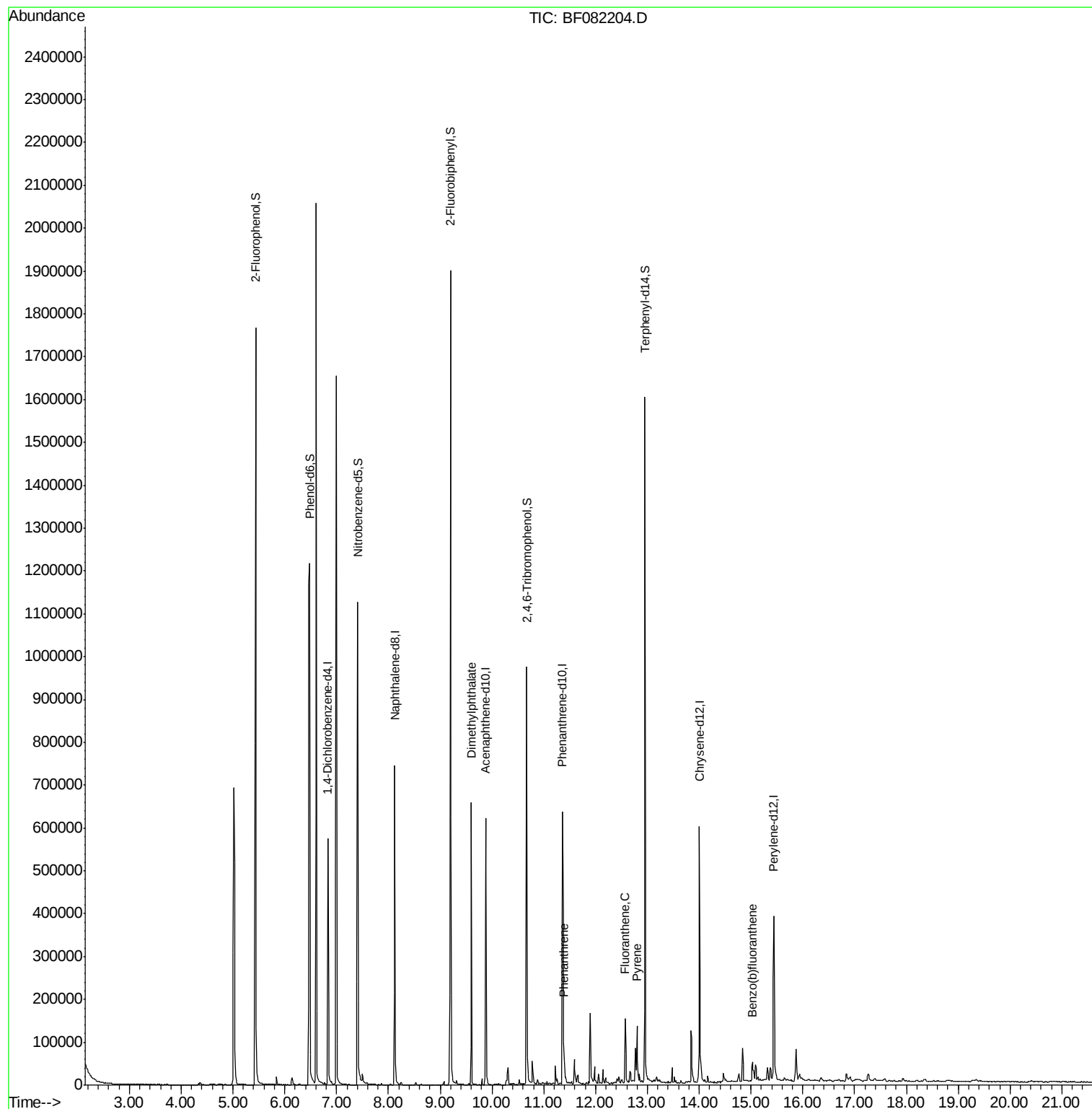
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082204.D
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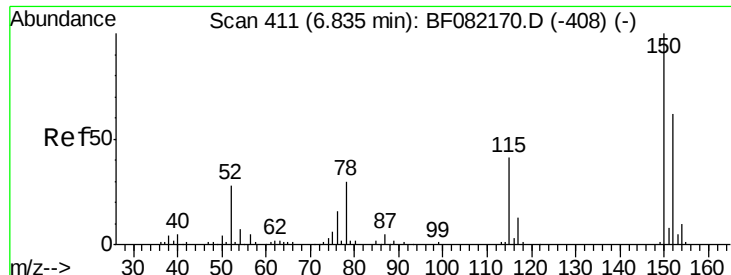
Instrument :
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ClientSampleId :
A15COMP

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#1

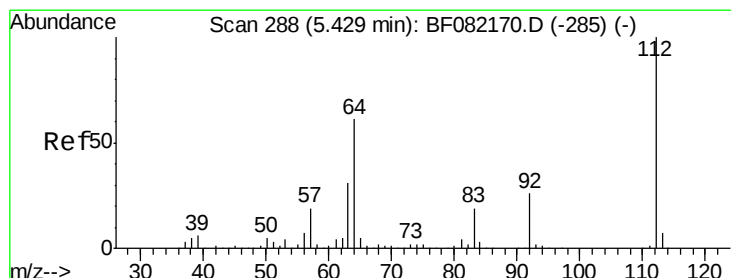
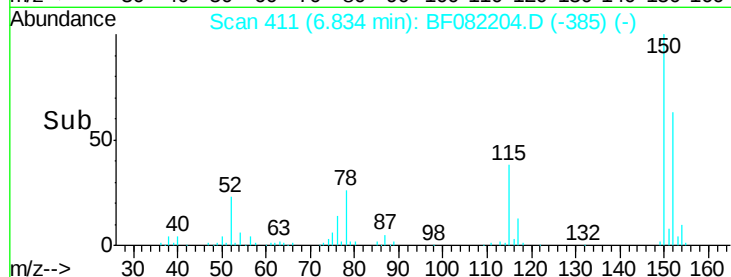
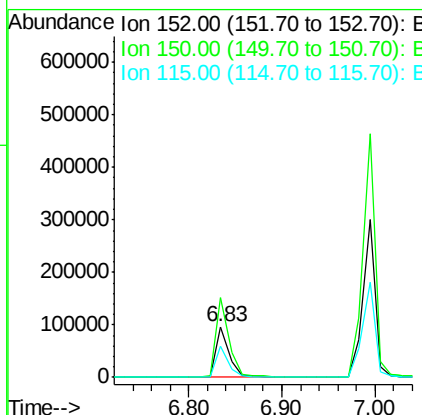
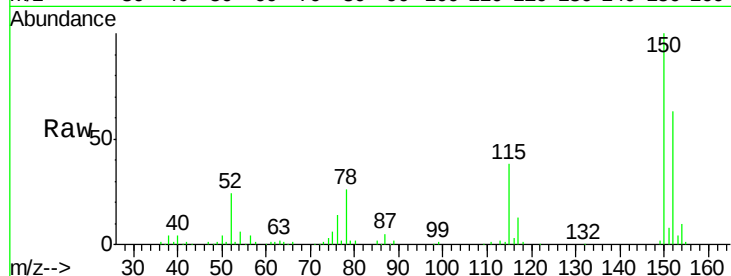
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082204.D
Acq: 11 Oct 2015 5:11

Instrument :
BNA_F
ClientSampleId :
A15COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	129.0	193.4
115	60.7	52.1	78.1

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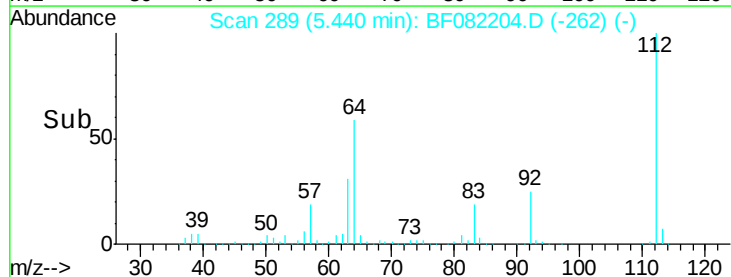
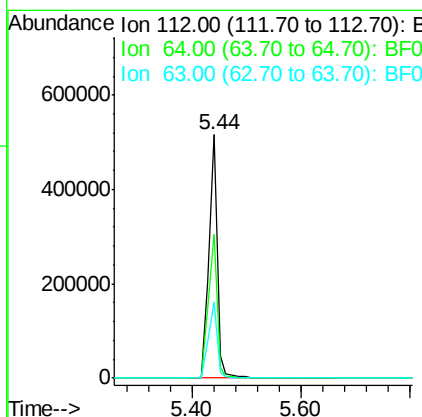
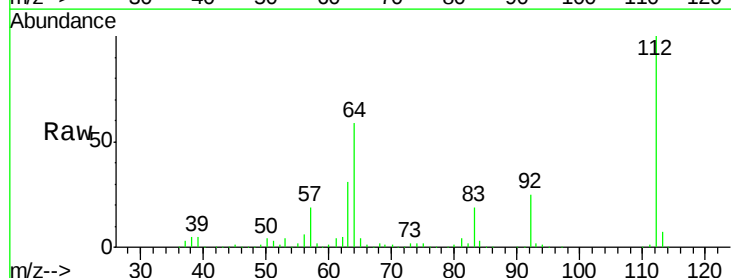
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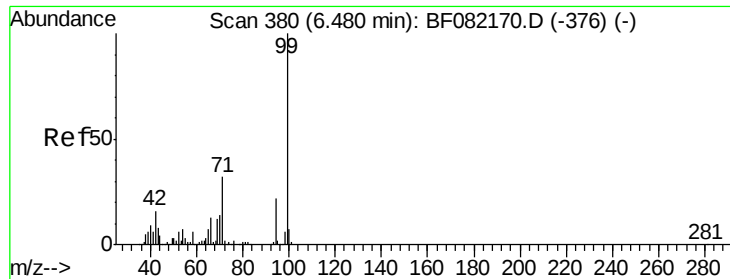


#5

2-Fluorophenol
Concen: 115.61 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082204.D
Acq: 11 Oct 2015 5:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.6	73.0
63	31.2	25.1	37.7





#7

Phenol-d6

Concen: 115.78 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082204.D

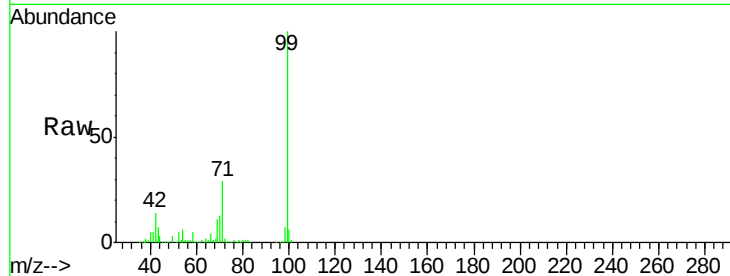
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Instrument :

BNA_F

ClientSampleId :

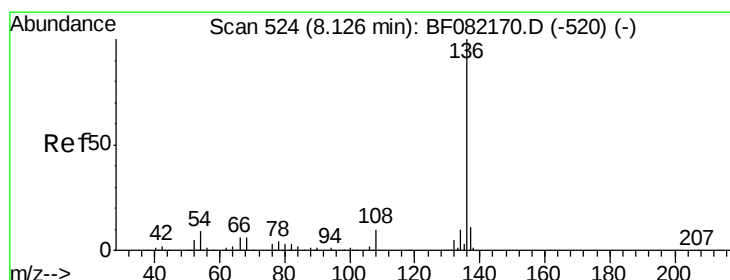
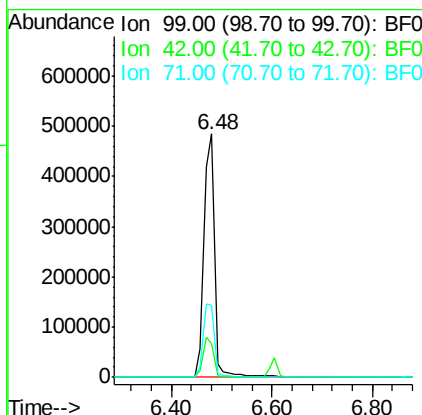
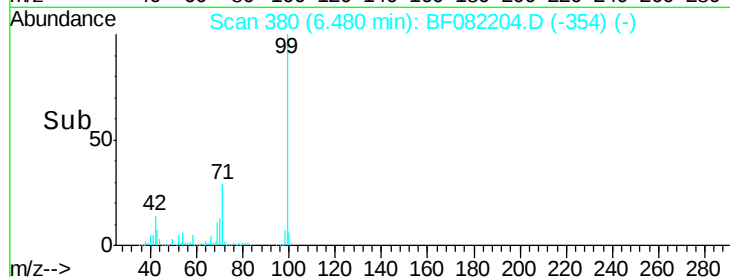
A15COMP



Tgt Ion	Ratio	Lower	Upper
99	100		
42	13.9	13.2	19.8
71	29.5	25.6	38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

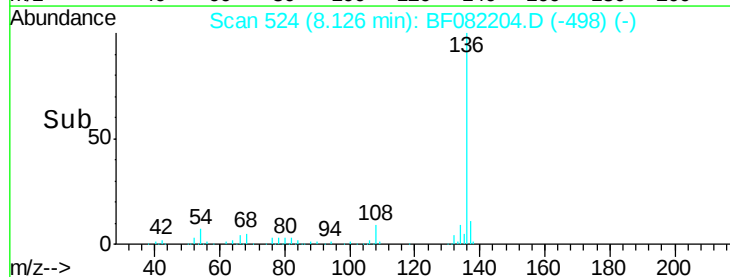
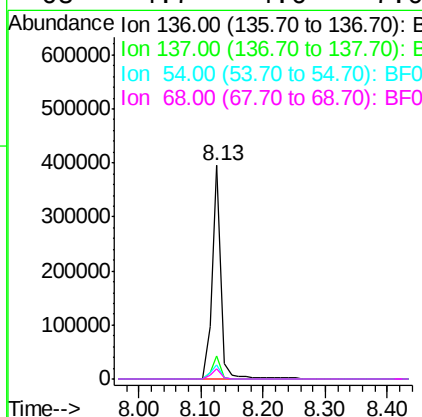
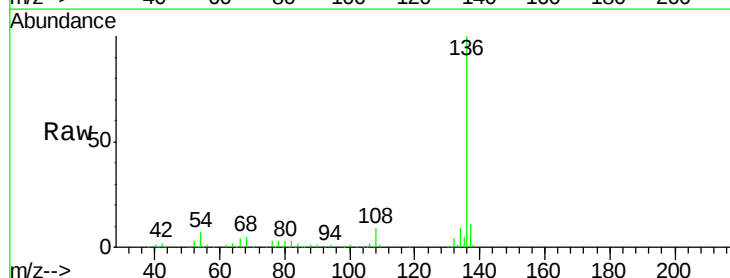
RT: 8.13 min Scan# 524

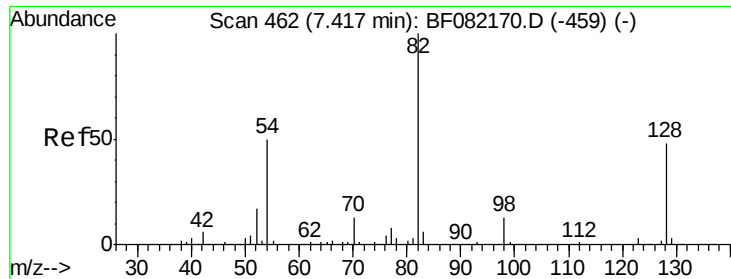
Delta R.T. 0.00 min

Lab File: BF082204.D

Acq: 11 Oct 2015 5:11

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.7	7.5	11.3#
68	4.7	4.6	7.0





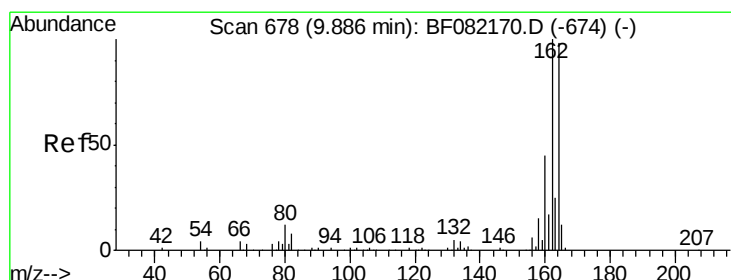
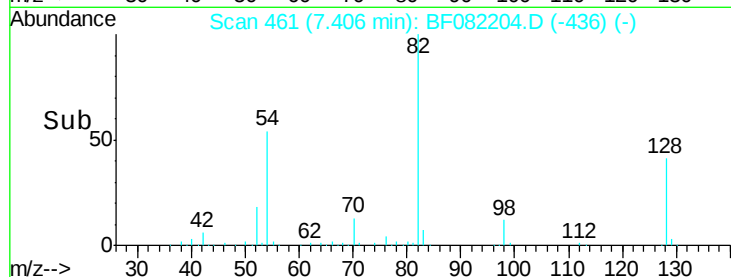
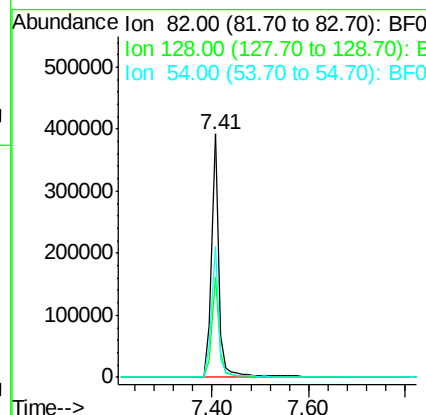
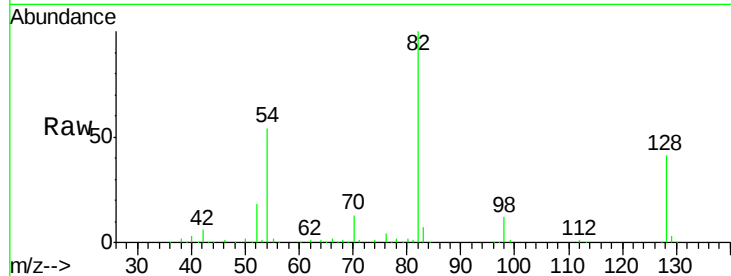
#23
 Nitrobenzene-d5
 Concen: 74.25 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082204.D
 Acq: 11 Oct 2015 5:11

Instrument :
 BNA_F
 ClientSampleId :
 A15COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	38.7	58.1
54	53.9	40.1	60.1

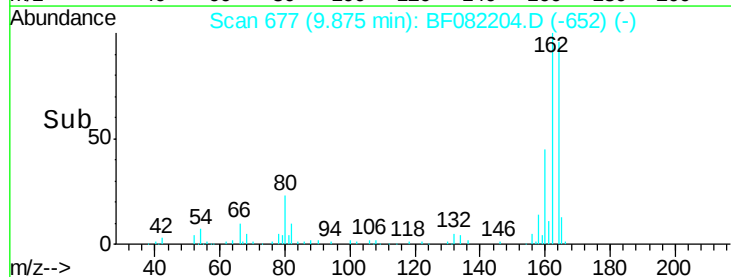
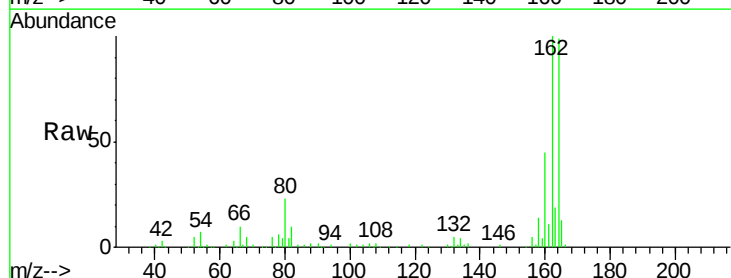
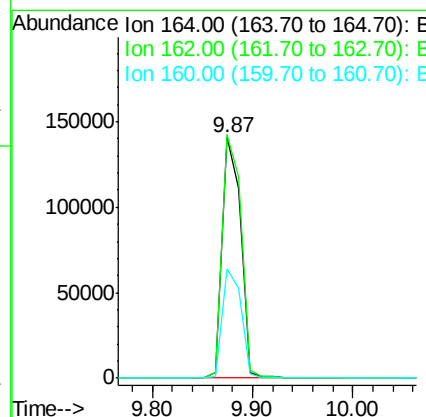
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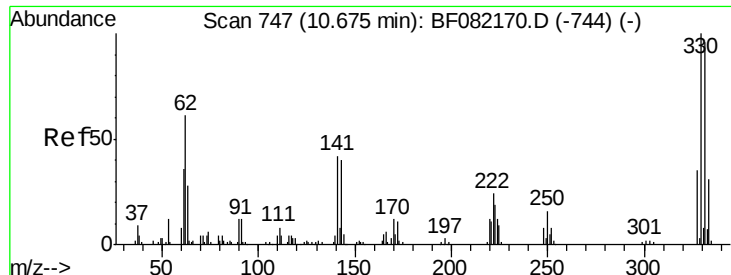
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF082204.D
 Acq: 11 Oct 2015 5:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.6	122.4
160	45.2	36.4	54.6





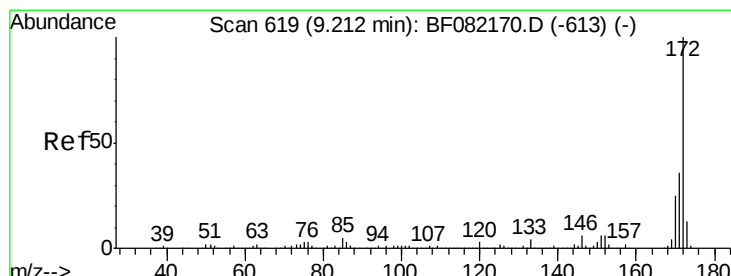
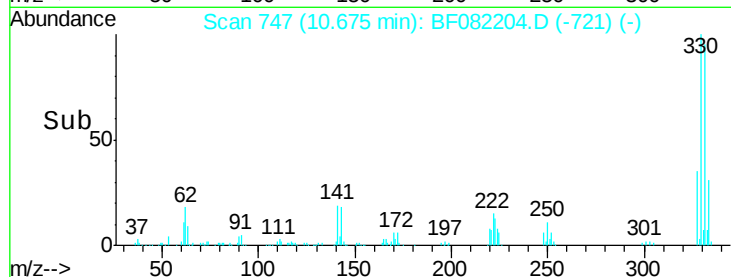
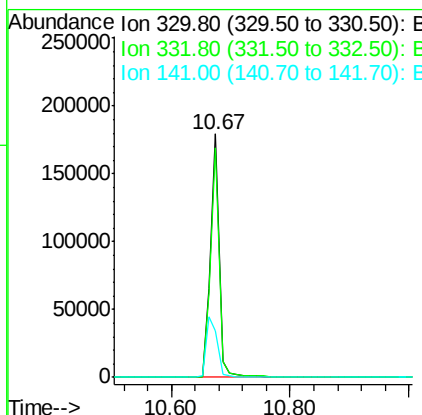
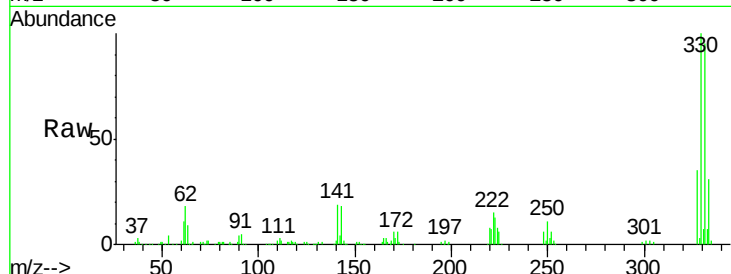
#41
 2,4,6-Tribromophenol
 Concen: 110.97 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082204.D
 Acq: 11 Oct 2015 5:11

Instrument :
 BNA_F
 ClientSampleId :
 A15COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	187139		
332	94.5	77.1	115.7	
141	32.0	29.8	44.8	

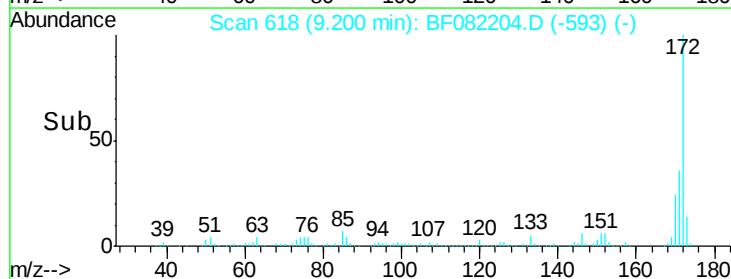
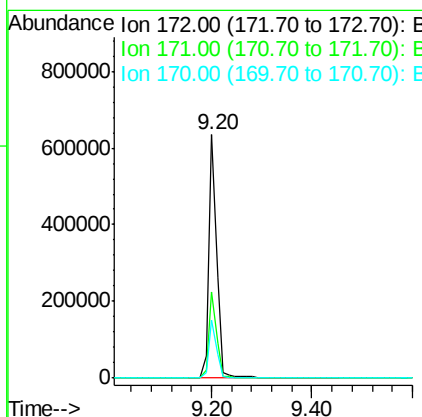
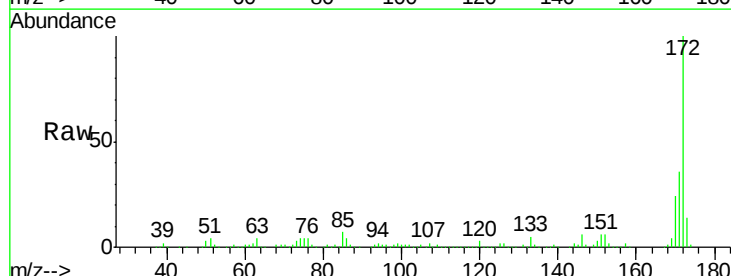
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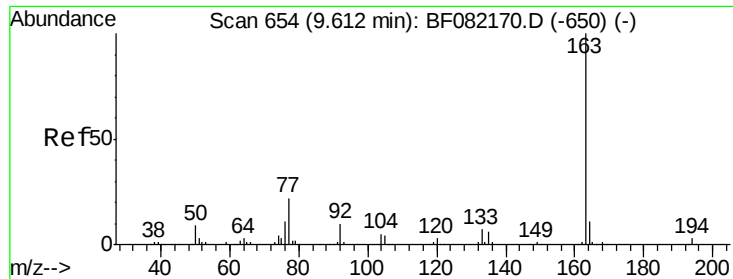
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#44
 2-Fluorobiphenyl
 Concen: 64.34 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082204.D
 Acq: 11 Oct 2015 5:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	697581		
171	35.6	28.6	42.8	
170	23.8	19.7	29.5	





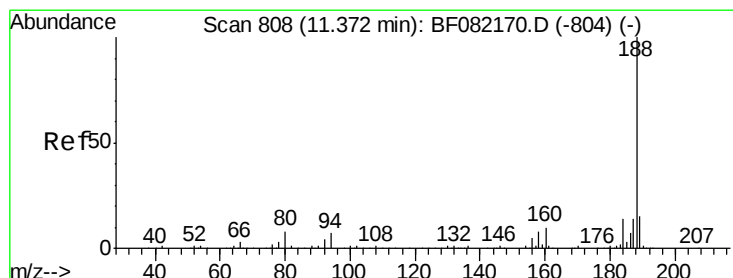
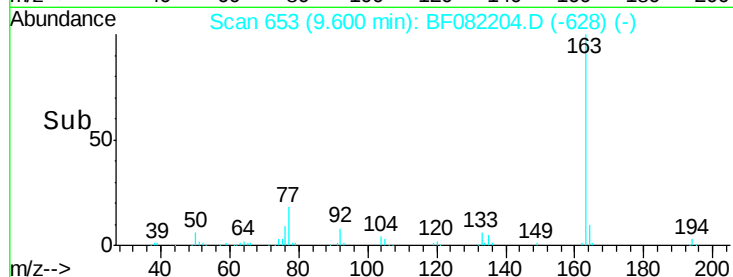
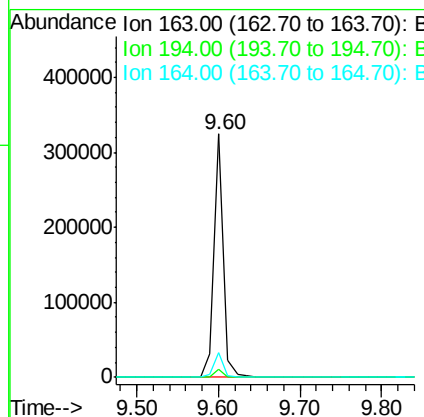
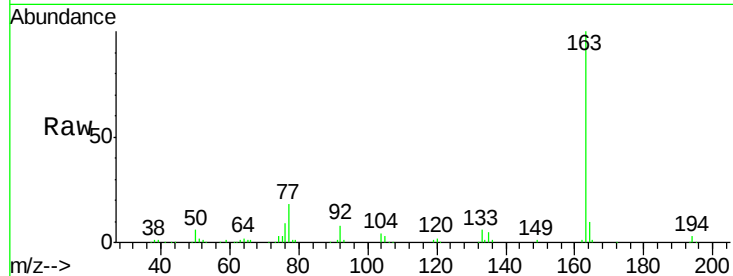
#49
Dimethylphthalate
Concen: 21.02 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082204.D
Acq: 11 Oct 2015 5:11

Instrument :
BNA_F
ClientSampleId :
A15COMP

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	266203		
194	3.4	2.6	4.0	
164	10.0	8.5	12.7	

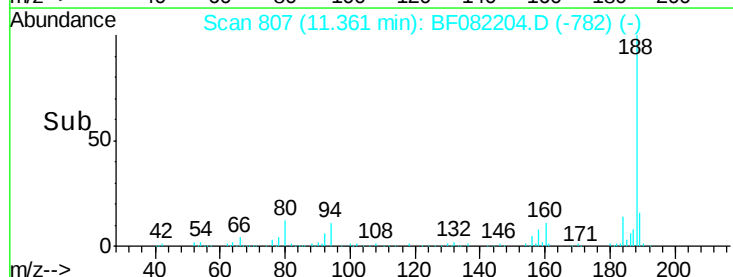
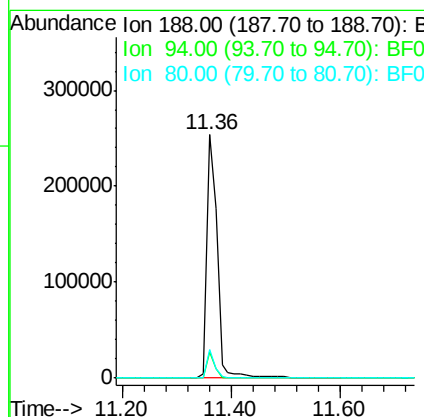
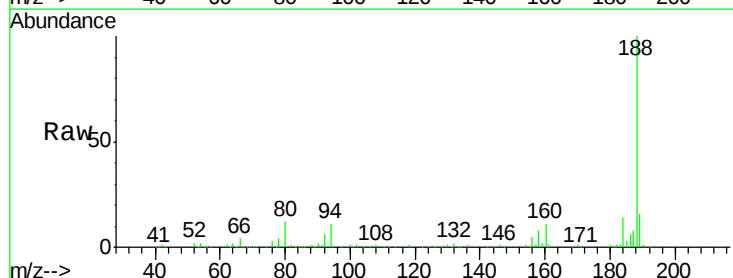
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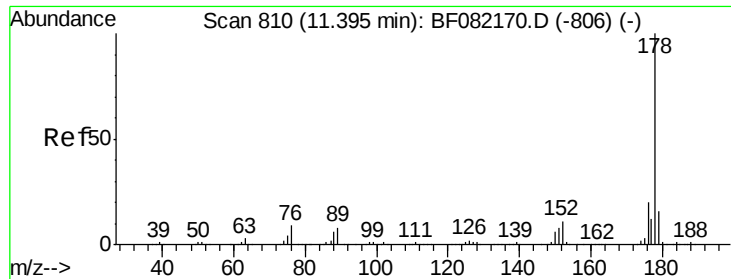
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082204.D
Acq: 11 Oct 2015 5:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	331631		
94	10.9	5.8	8.6#	
80	11.8	6.4	9.6#	





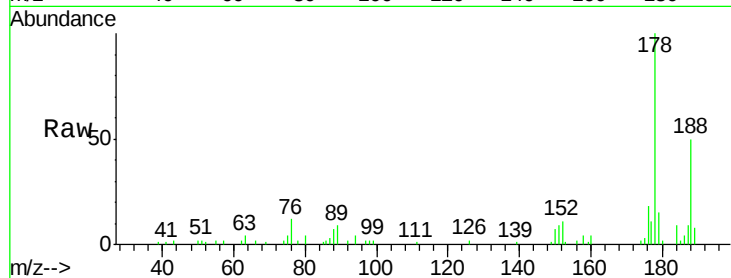
#70
Phenanthrene
Concen: 2.30 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF082204.D
Acq: 11 Oct 2015 5:11

Instrument :
BNA_F
ClientSampleId :
A15COMP

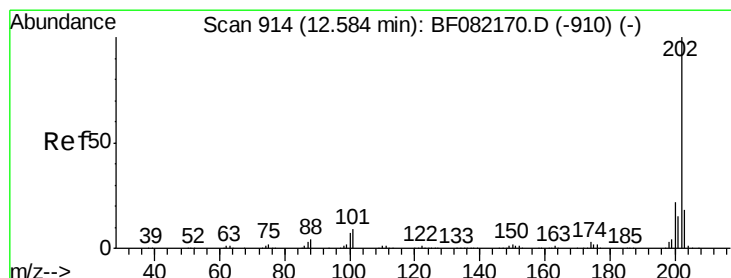
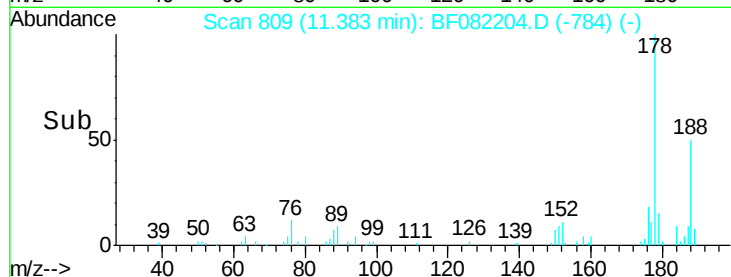
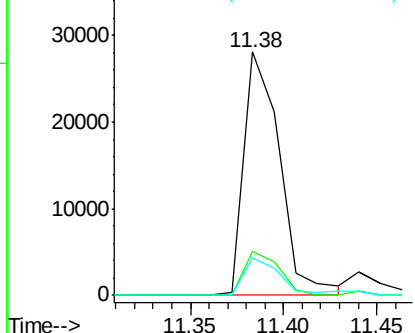
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.0	24.0
179	15.4	12.6	19.0

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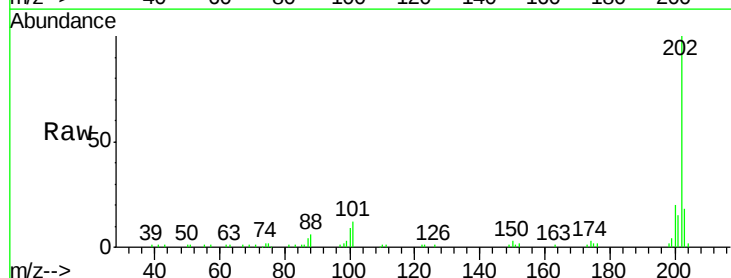


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

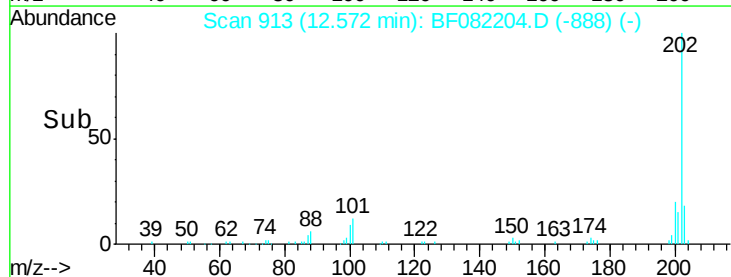
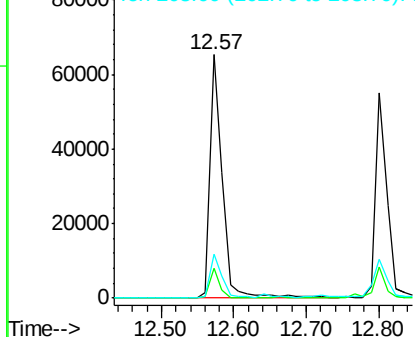


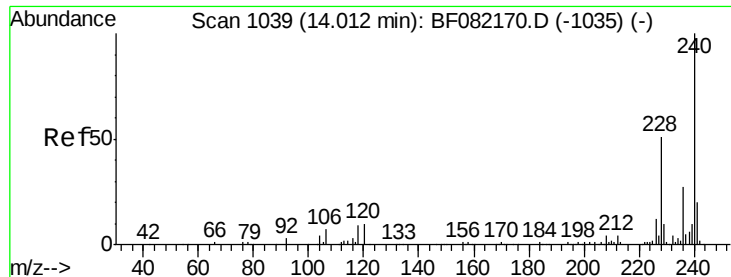
#74
Fluoranthene
Concen: 4.41 ng
RT: 12.57 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF082204.D
Acq: 11 Oct 2015 5:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	29.3
203	17.8	0.0	37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082204.D

Acq: 11 Oct 2015 5:11

Instrument :

BNA_F

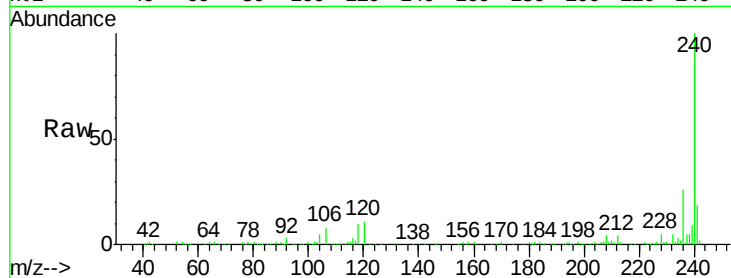
ClientSampleId :

A15COMP

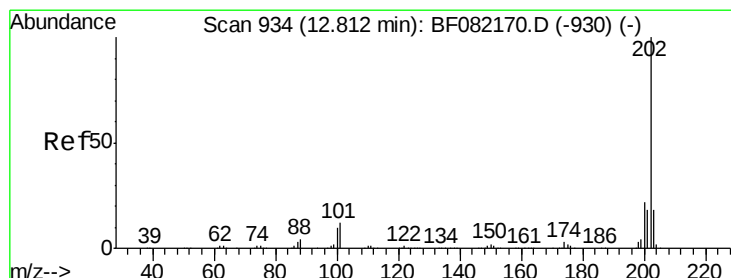
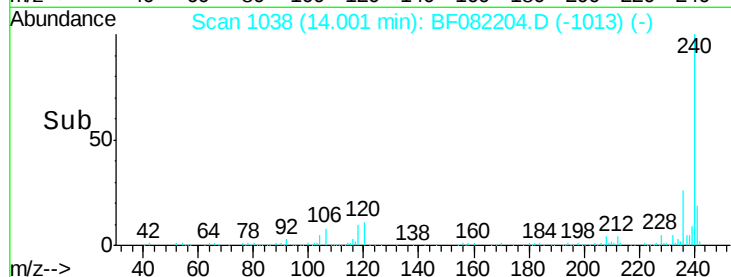
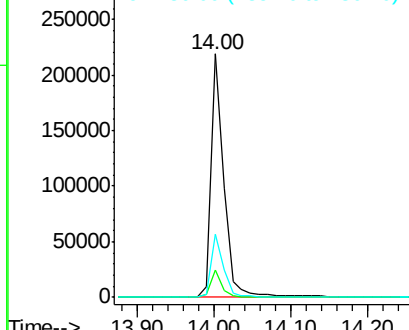
Tgt Ion:	240	Resp:	251940
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.1	12.1
236	25.7	21.3	31.9

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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



#77

Pyrene

Concen: 4.15 ng

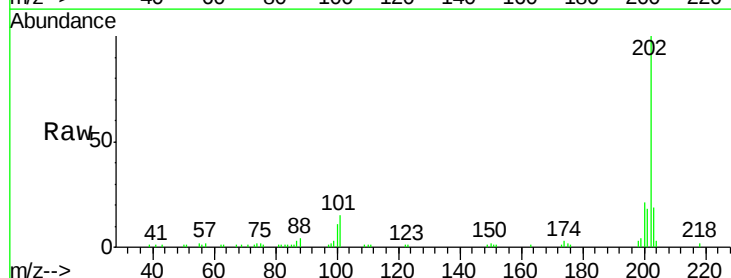
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Delta R.T. -0.01 min

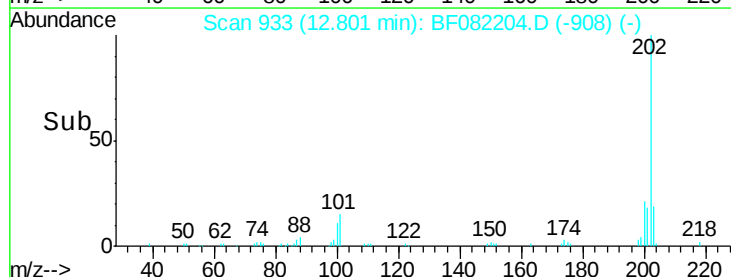
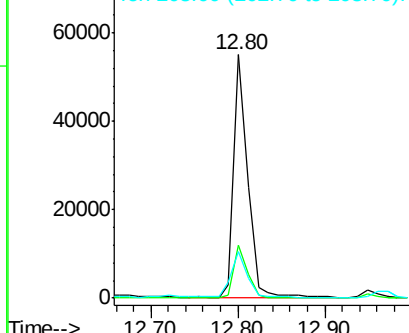
Lab File: BF082204.D

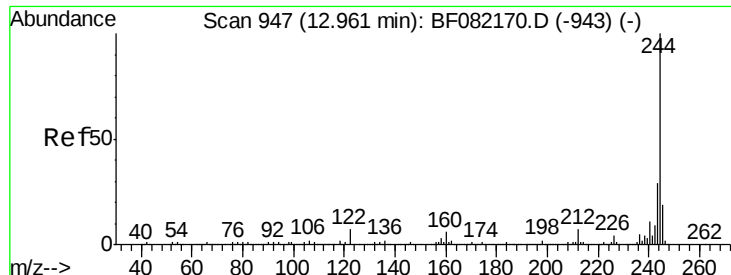
Acq: 11 Oct 2015 5:11

Tgt Ion:	202	Resp:	62122
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.9	26.9
203	18.9	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.93 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF082204.D

Acq: 11 Oct 2015 5:11

Instrument :

BNA_F

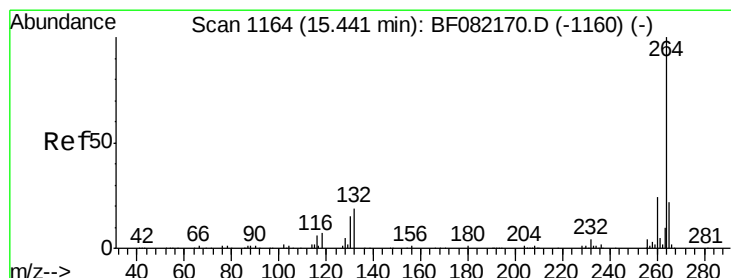
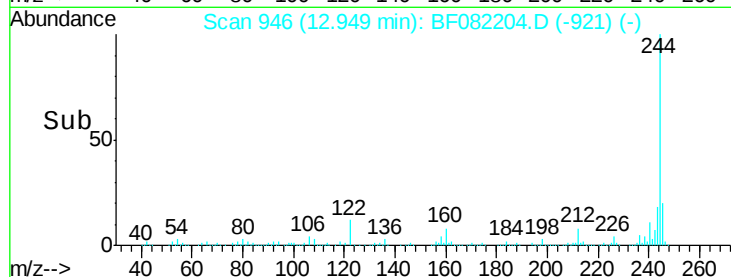
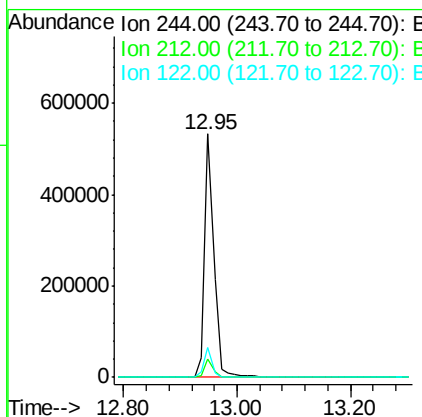
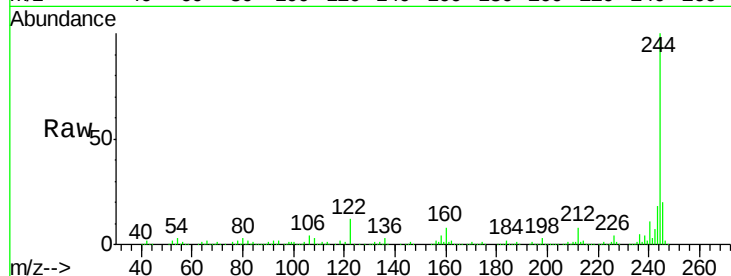
ClientSampleId :

A15COMP

Tgt Ion:	244	Resp:	579263
Ion Ratio		Lower	Upper
244	100		
212	7.6	5.8	8.6
122	12.4	5.9	8.9#

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:38:16 PM



#86

Perylene-d12

Concen: 20.00 ng

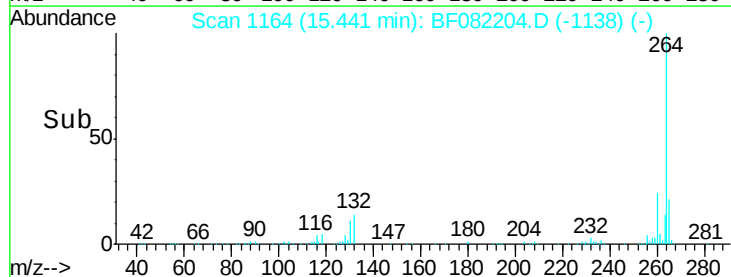
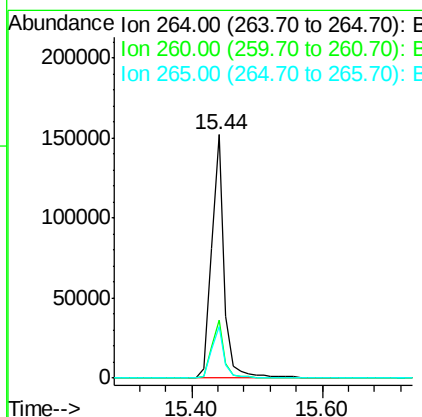
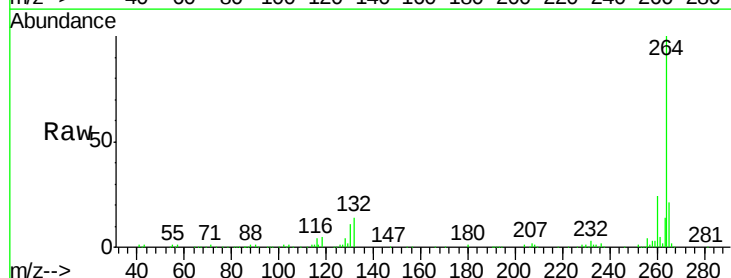
RT: 15.44 min Scan# 1164

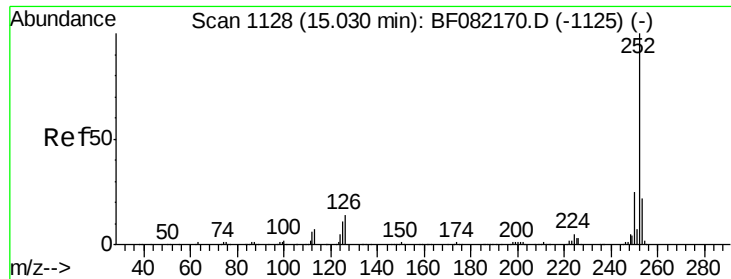
Delta R.T. 0.00 min

Lab File: BF082204.D

Acq: 11 Oct 2015 5:11

Tgt Ion:	264	Resp:	206594
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.1	17.3	25.9





#87
 Benzo(b)fluoranthene
 Concen: 2.38 ng m
 RT: 15.03 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF082204.D
 Acq: 11 Oct 2015 5:11

Instrument :
 BNA_F
 ClientSampleId :
 A15COMP

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		29853		
253	22.6	18.0	27.0		
125	9.6	8.6	12.8		

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:38:16 PM

