

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094567.D
 Acq On : 21 Apr 2017 17:23
 Operator : SJ/MA
 Sample : I2783-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-11

Manual Integrations
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Quant Time: Apr 22 00:50:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	109450	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	432346	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	199407	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	341848	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	288389	20.00	ng	-0.01
86) Perylene-d12	16.08	264	263775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	3983	0.60	ng	0.03
7) Phenol-d6	5.38	99	159425	20.50	ng	-0.01
23) Nitrobenzene-d5	6.41	82	567186	81.01	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.58	172	1093167	80.66	ng	0.00
78) Terphenyl-d14	13.18	244	890733	82.56	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.08	163	167139	11.25	ng	98
73) Di-n-butylphthalate	11.96	149	579287	28.15	ng	98
74) Fluoranthene	12.70	202	45595	2.29	ng	98
77) Pyrene	12.97	202	42296	2.10	ng	95

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

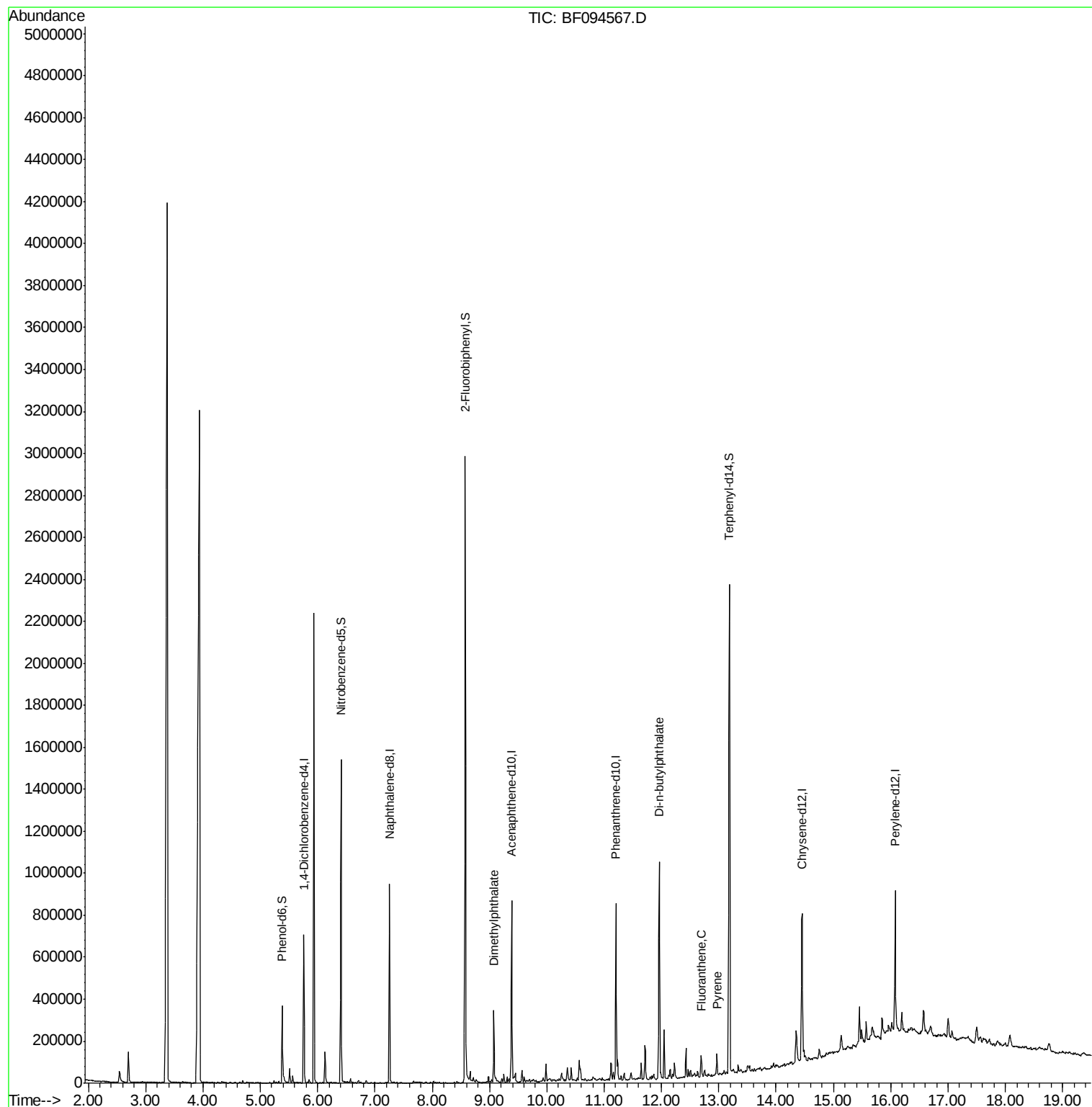
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094567.D
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Operator : SJ/MA
Sample : I2783-05
Misc :
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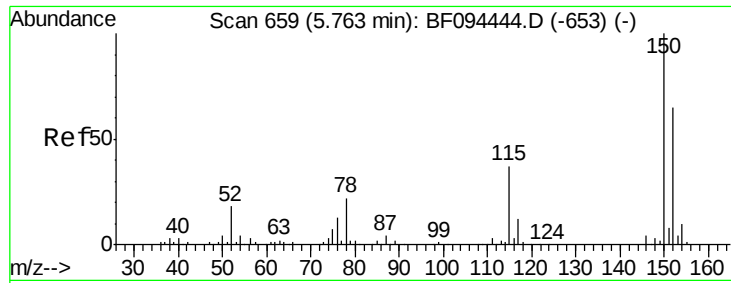
Instrument :
BNA_F
ClientSampleId :
C-11

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Quant Time: Apr 22 00:50:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration





#1

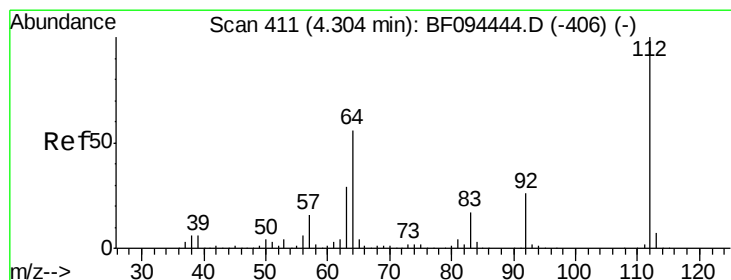
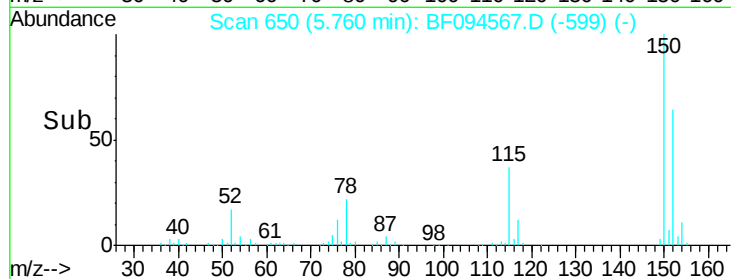
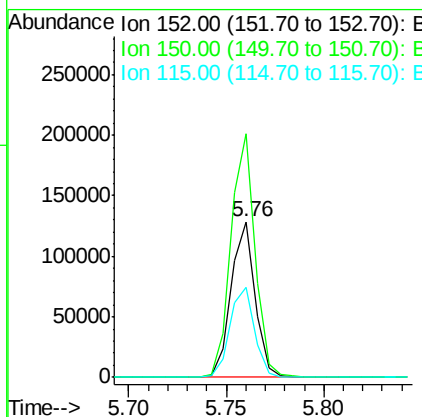
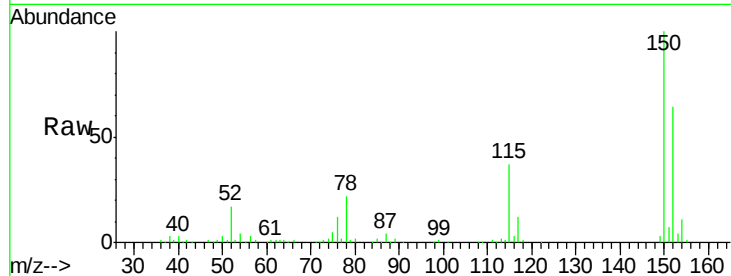
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

Instrument :
BNA_F
ClientSampled :
C-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	58.1	52.2	78.2

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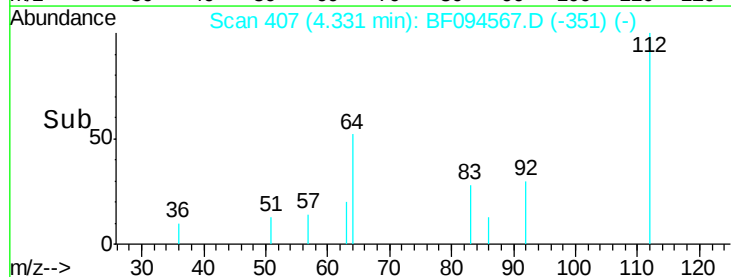
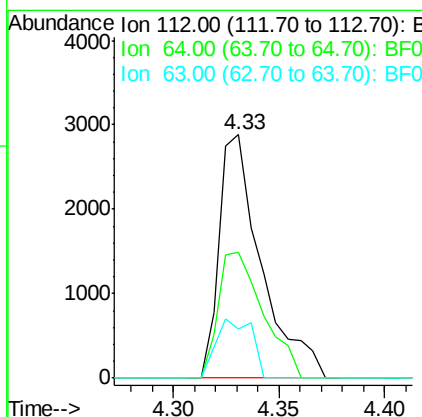
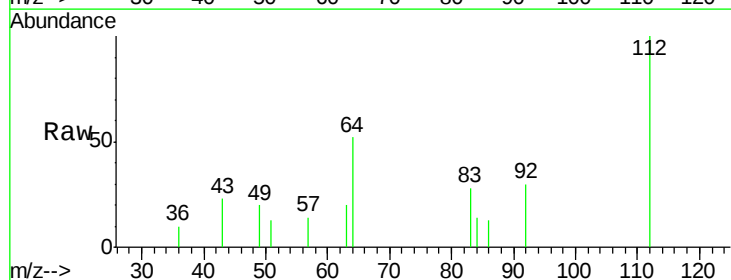
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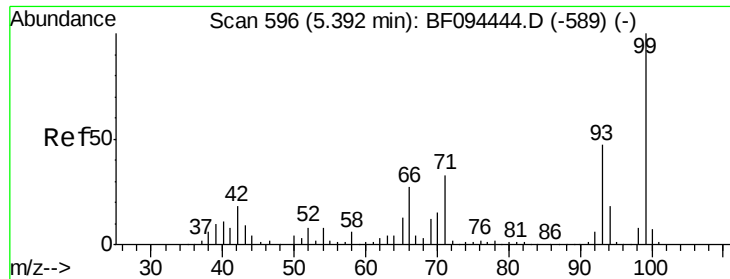


#5

2-Fluorophenol
Concen: 0.60 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	46.0	69.0
63	19.9	23.4	35.0





#7

Phenol-d6

Concen: 20.50 ng

RT: 5.38 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

Instrument :

BNA_F

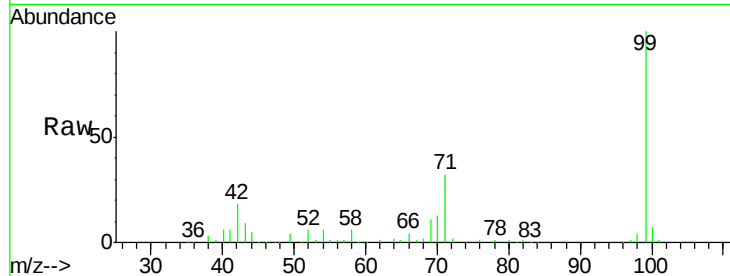
ClientSampleId :

C-11

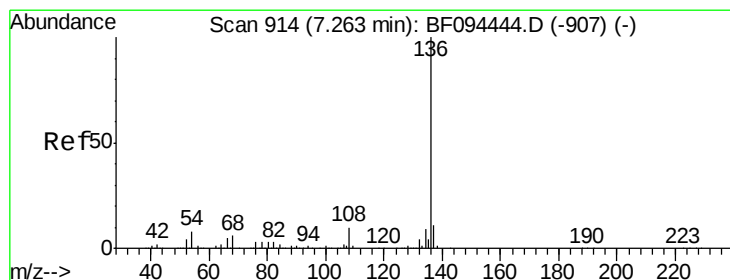
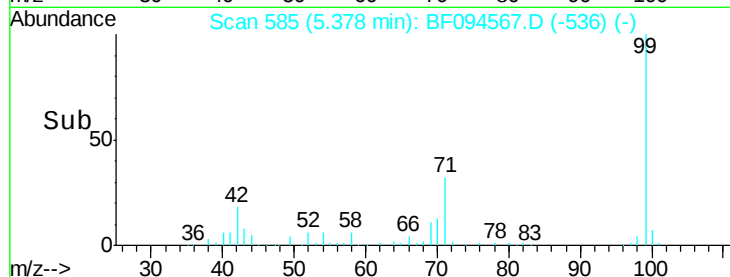
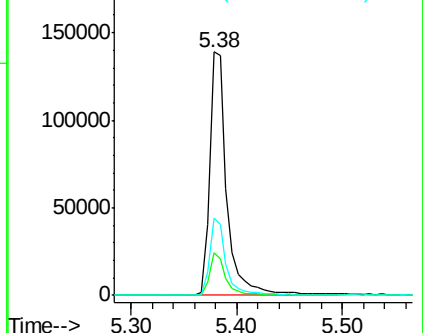
Tot Ion:	99	Resp:	159425
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.5	20.3
71	31.9	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

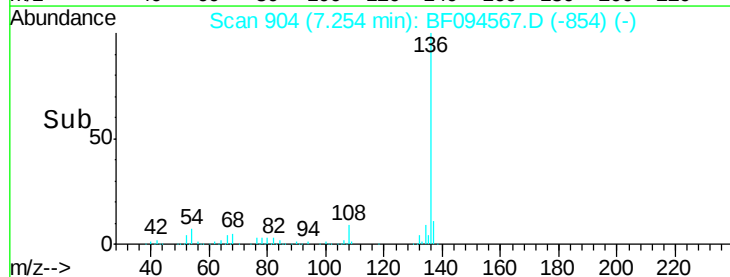
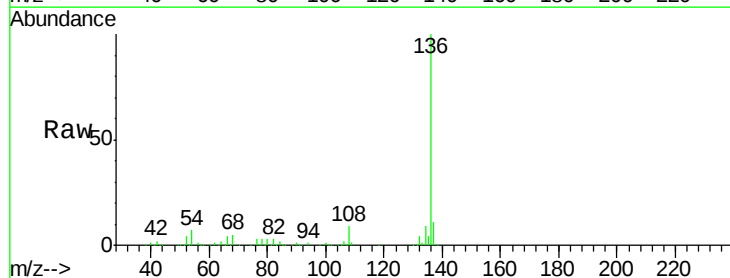
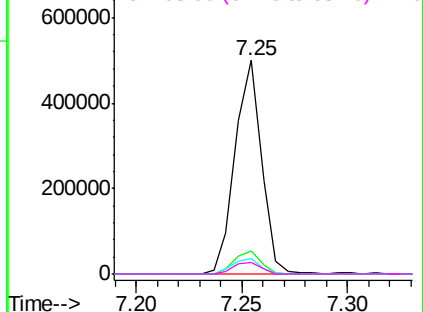
Delta R.T. -0.01 min

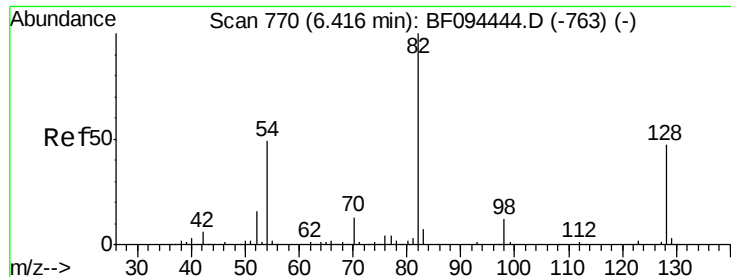
Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

Tgt Ion:	136	Resp:	432346
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.1	4.9	7.3
68	5.4	4.1	6.1

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





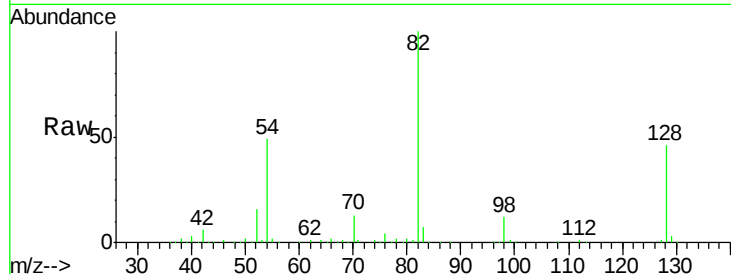
#23
 Nitrobenzene-d5
 Concen: 81.01 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

Instrument :
 BNA_F
 ClientSampled :
 C-11

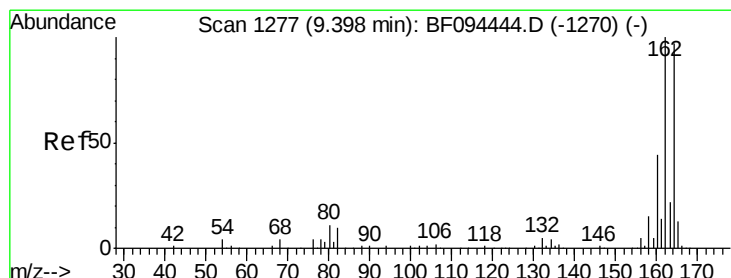
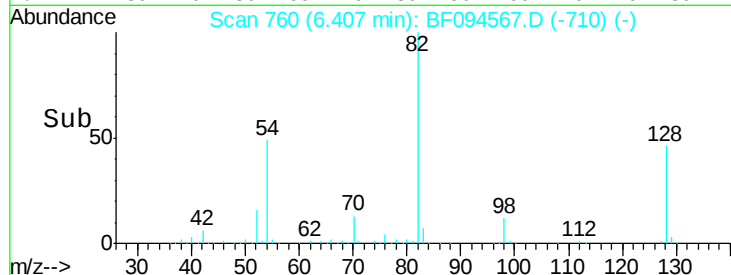
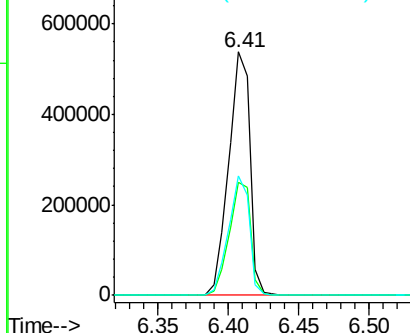
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	34.0	51.0	
54	48.8	42.2	63.2	

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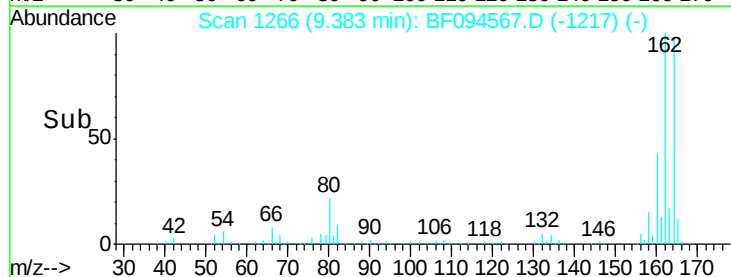
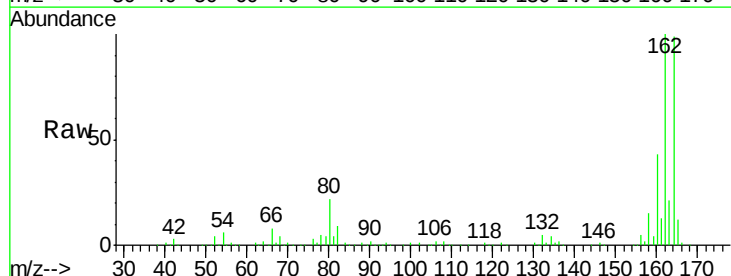
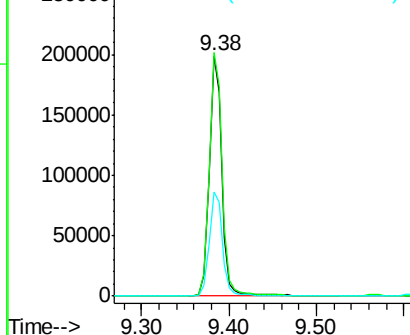
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

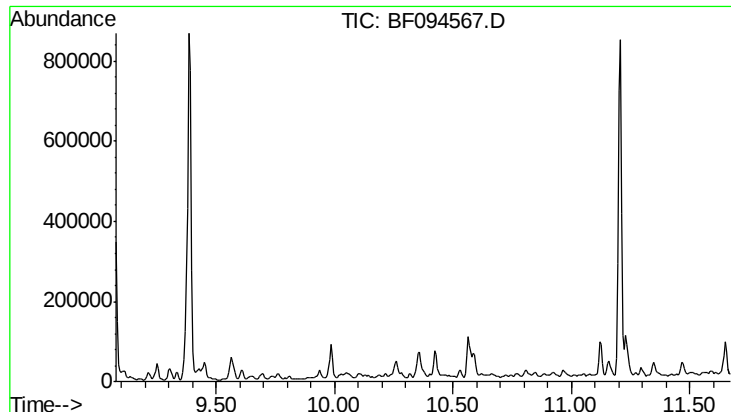


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	82.6	123.8	
160	43.5	36.2	54.2	

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





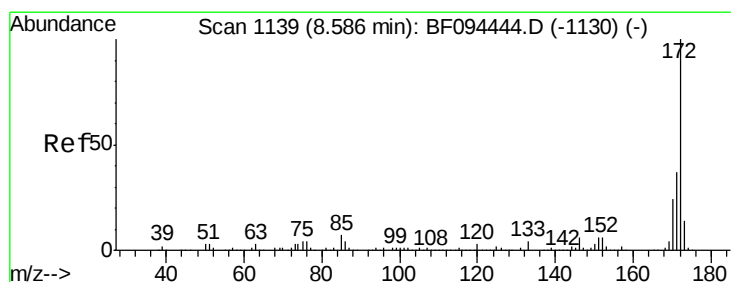
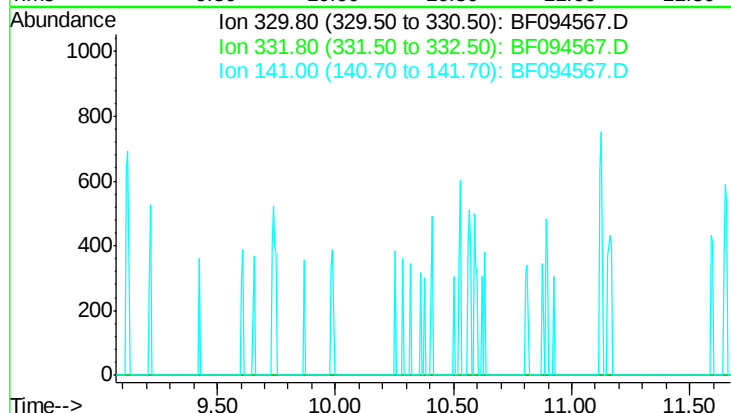
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.37 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3

Instrument :
 BNA_F
 ClientSampleId :
 C-11

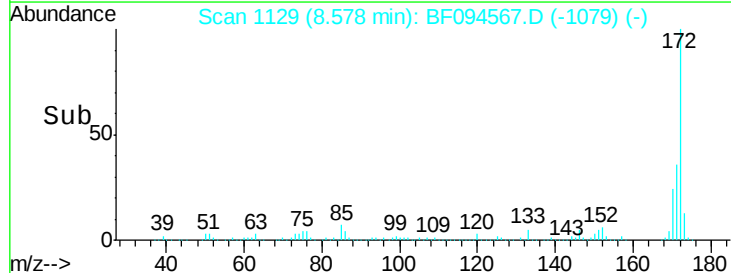
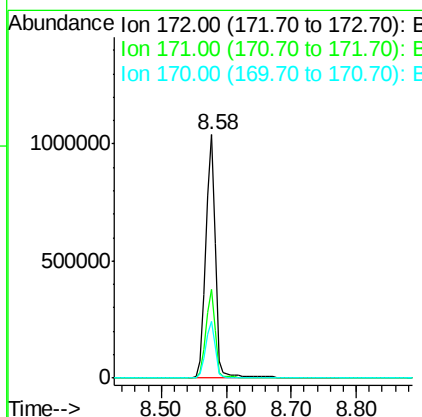
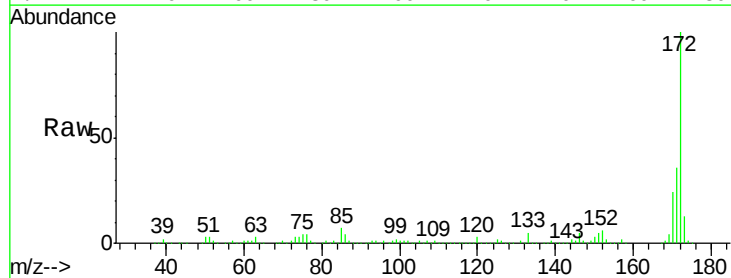
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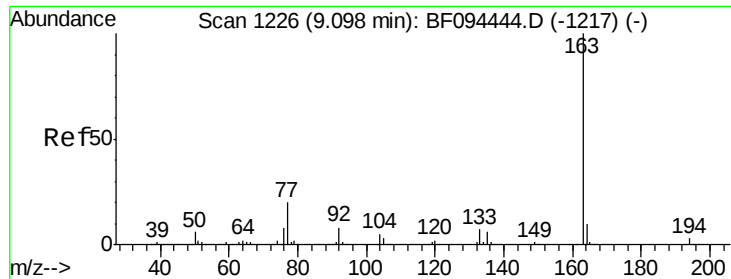
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#44
 2-Fluorobiphenyl
 Concen: 80.66 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

Tgt Ion: 172 Resp: 1093167
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.6 19.8 29.8





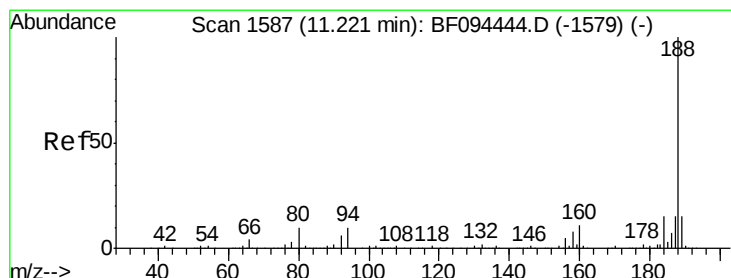
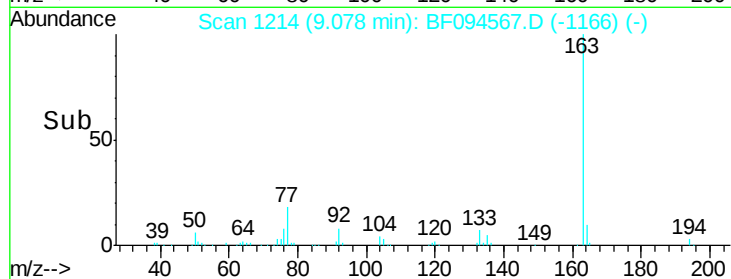
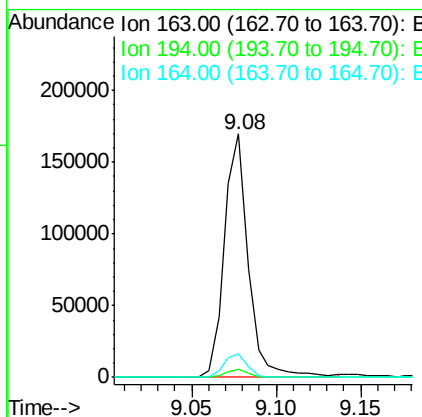
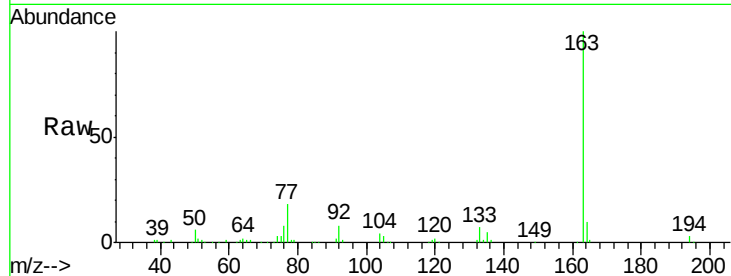
#49
Dimethylphthalate
Concen: 11.25 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

Instrument :
BNA_F
ClientSampled :
C-11

Tot Ion	Ratio	Resp	Lower	Upper
163	100	167139		
194	3.4	2.6	4.0	
164	9.7	8.4	12.6	

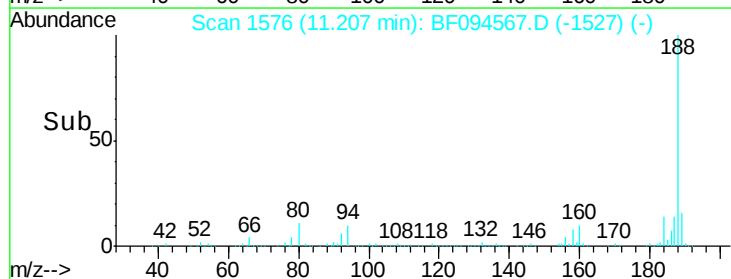
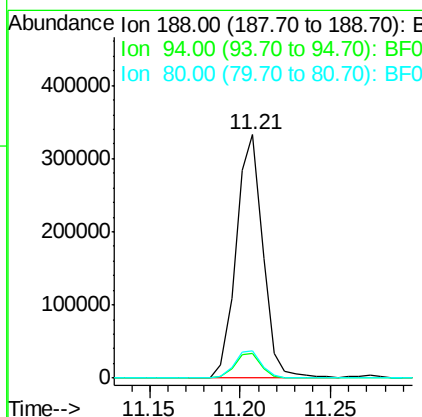
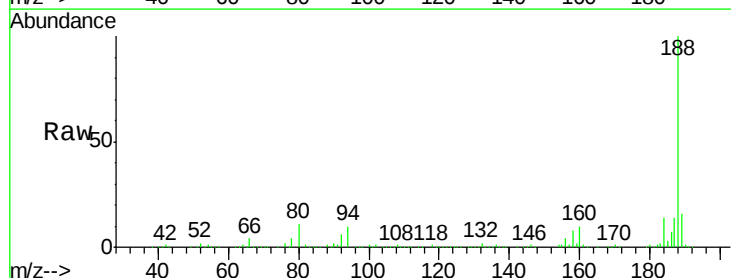
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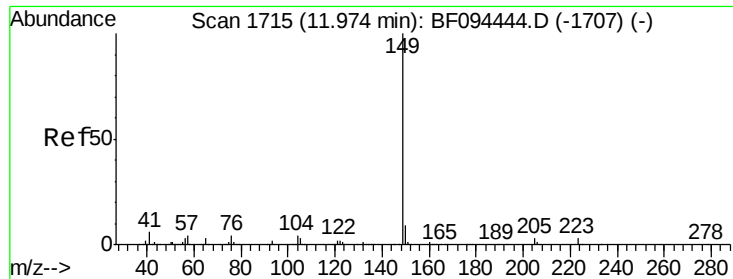
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	341848		
94	10.3	9.4	14.2	
80	11.1	10.2	15.2	





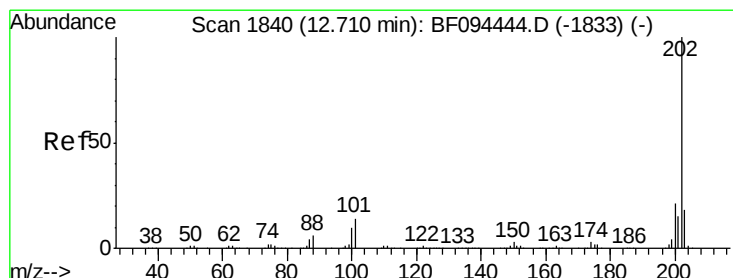
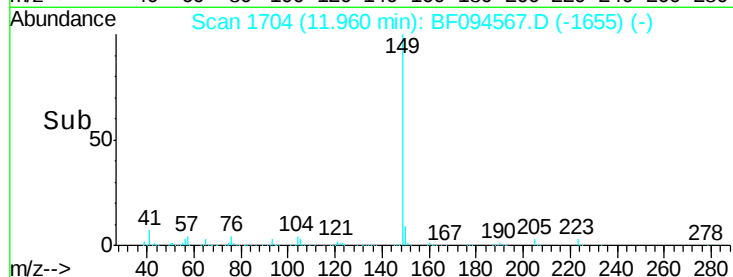
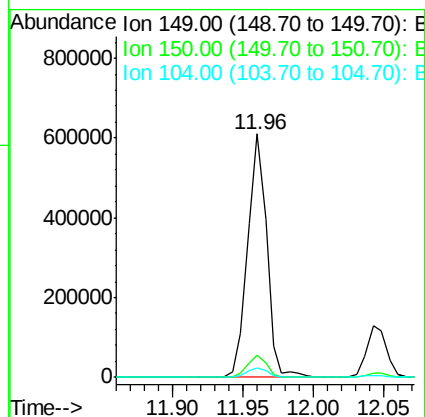
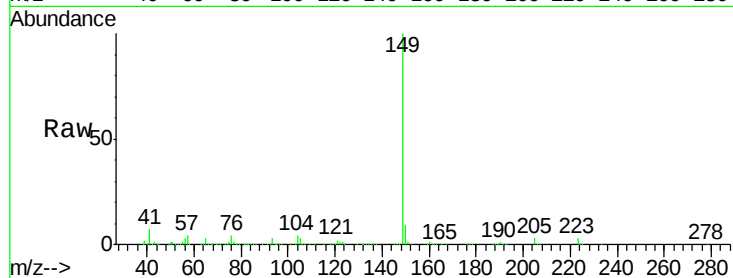
#73
Di-n-butylphthalate
Concen: 28.15 ng
RT: 11.96 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

Instrument :
BNA_F
ClientSampled :
C-11

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.7	11.5	
104	4.1	4.0	6.0	

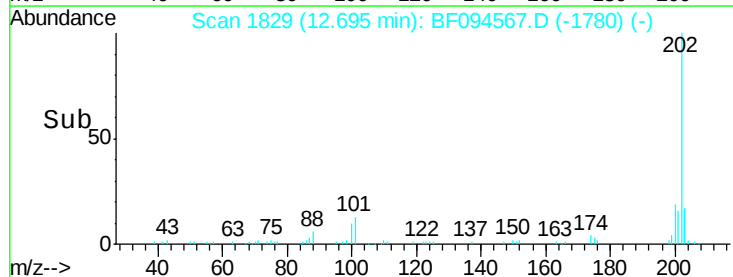
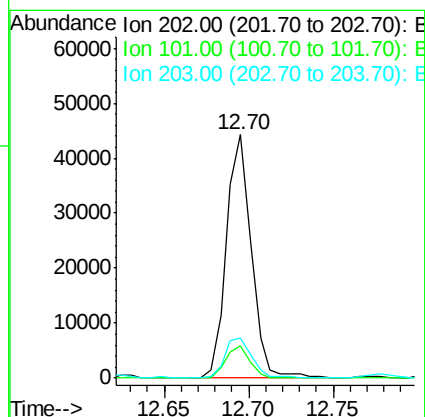
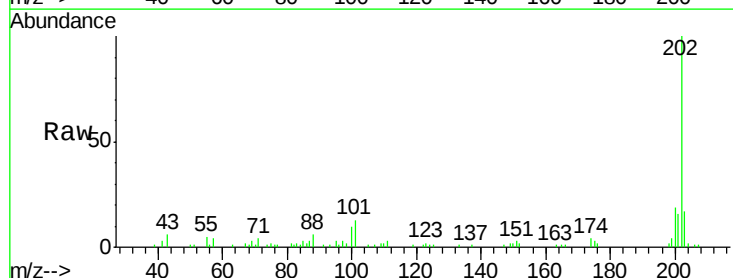
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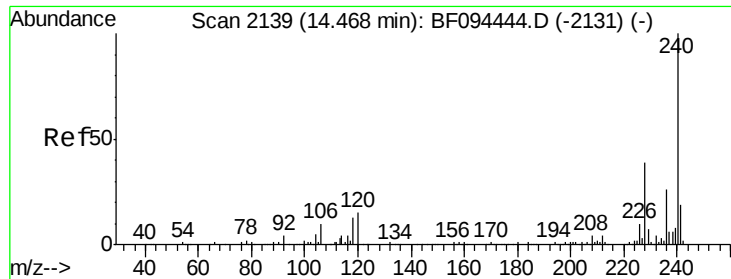
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#74
Fluoranthene
Concen: 2.29 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.1	0.0	33.2	
203	16.7	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

Instrument :

BNA_F

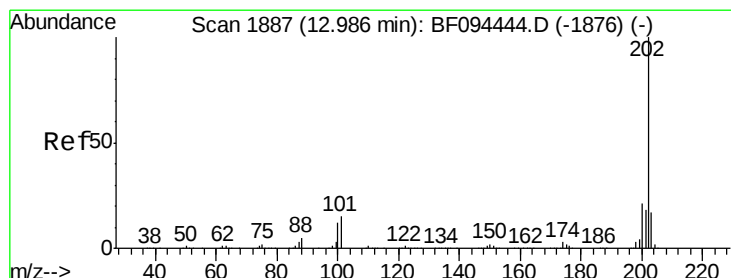
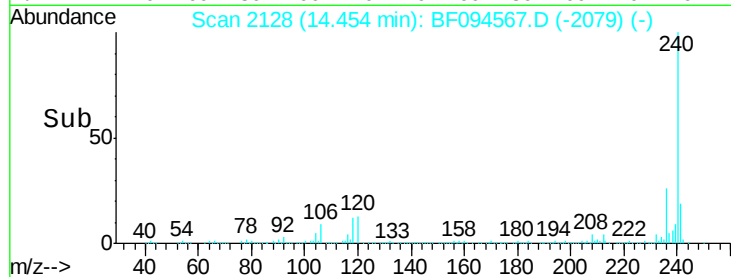
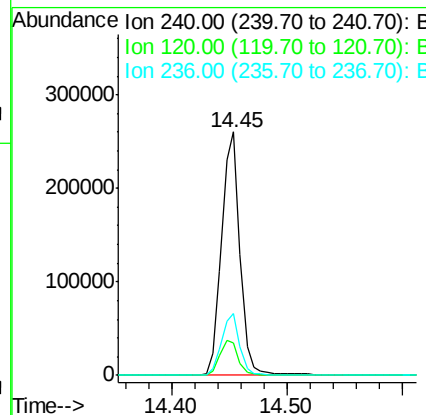
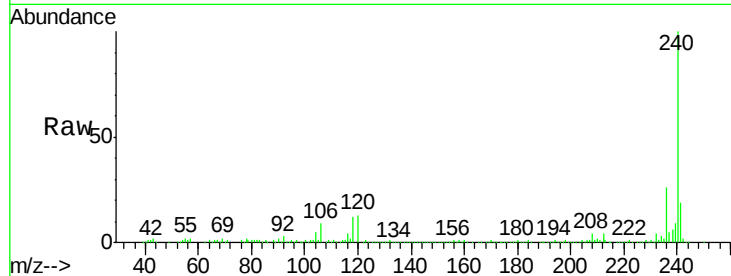
ClientSampleId :

C-11

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	25.7	20.5	30.7

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#77

Pyrene

Concen: 2.10 ng

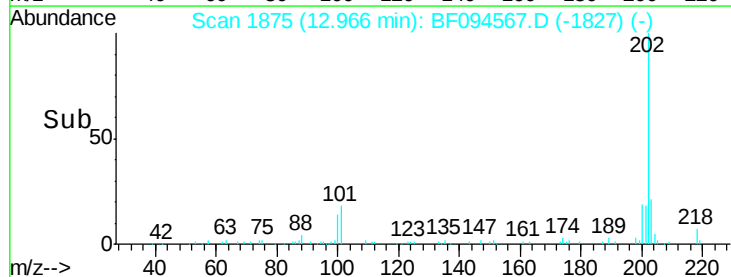
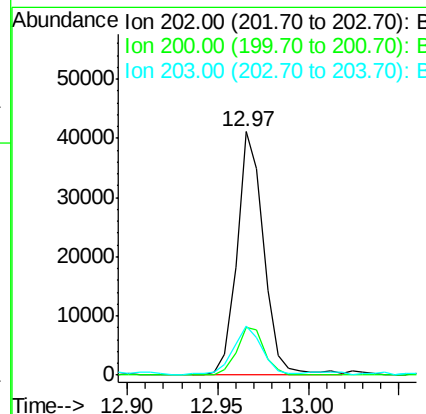
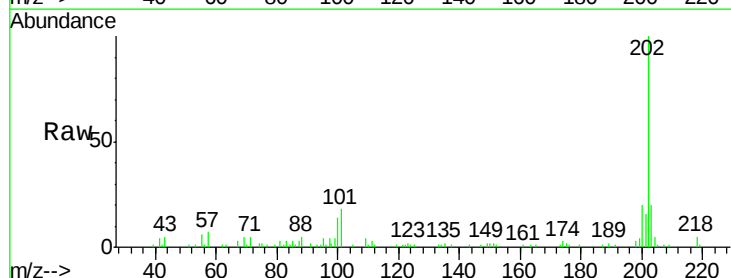
RT: 12.97 min Scan# 1875

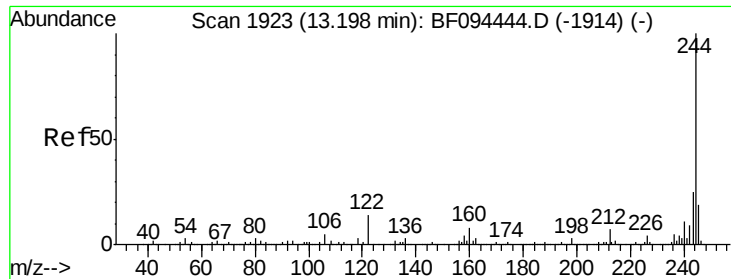
Delta R.T. -0.02 min

Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.6	26.4
203	20.3	14.4	21.6





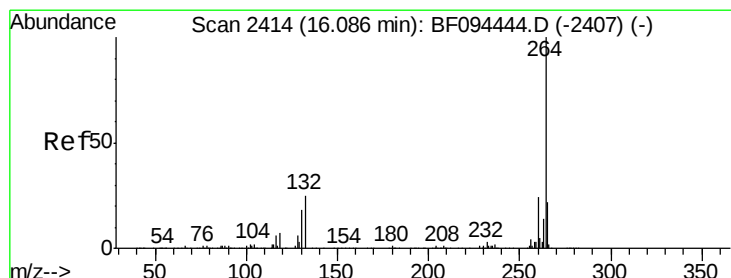
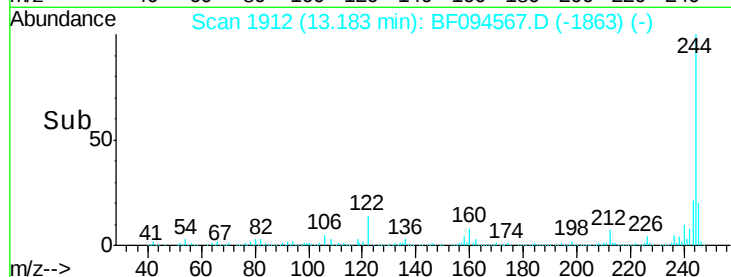
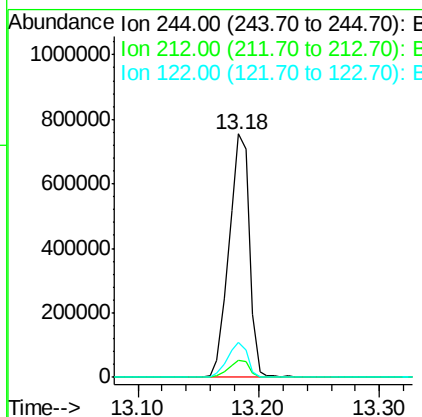
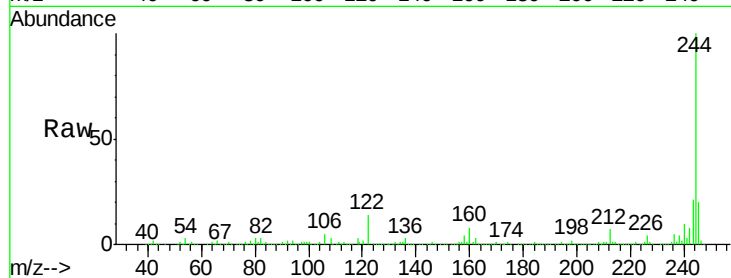
#78
 Terphenyl-d14
 Concen: 82.56 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

Instrument :
 BNA_F
 ClientSampled :
 C-11

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.5	10.3	15.5

Manual Integrations
 APPROVED

mohammad
 4/24/2017 5:13:07 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.7	17.2	25.8

