

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
 Data File : BF084565.D
 Acq On : 20 Jan 2016 12:50
 Operator : SJ/UM
 Sample : H1178-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A5-4

Manual Integrations
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mohammad
 1/21/2016 12:19:43 PM

Quant Time: Jan 21 01:31:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	170809	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	411942	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	199481	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	342421	20.00	ng	0.01
75) Chrysene-d12	13.96	240	455360	20.00	ng	-0.03
86) Perylene-d12	15.36	264	443026	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1198105	113.45	ng	-0.06
7) Phenol-d6	6.43	99	1632045	123.05	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1083882	146.44	ng	-0.05
41) 2,4,6-Tribromophenol	10.67	330	212389	105.46	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1104717	98.42	ng	-0.01
78) Terphenyl-d14	12.93	244	1031246	50.55	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.83	142	613564	45.73	ng	# 85
45) 1,1'-Biphenyl	9.29	154	178088	11.23	ng	95
49) Dimethylphthalate	9.57	163	362985	25.45	ng	# 90
70) Phenanthrene	11.39	178	341150m	19.05	ng	
77) Pyrene	12.80	202	381141	10.67	ng	# 93

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

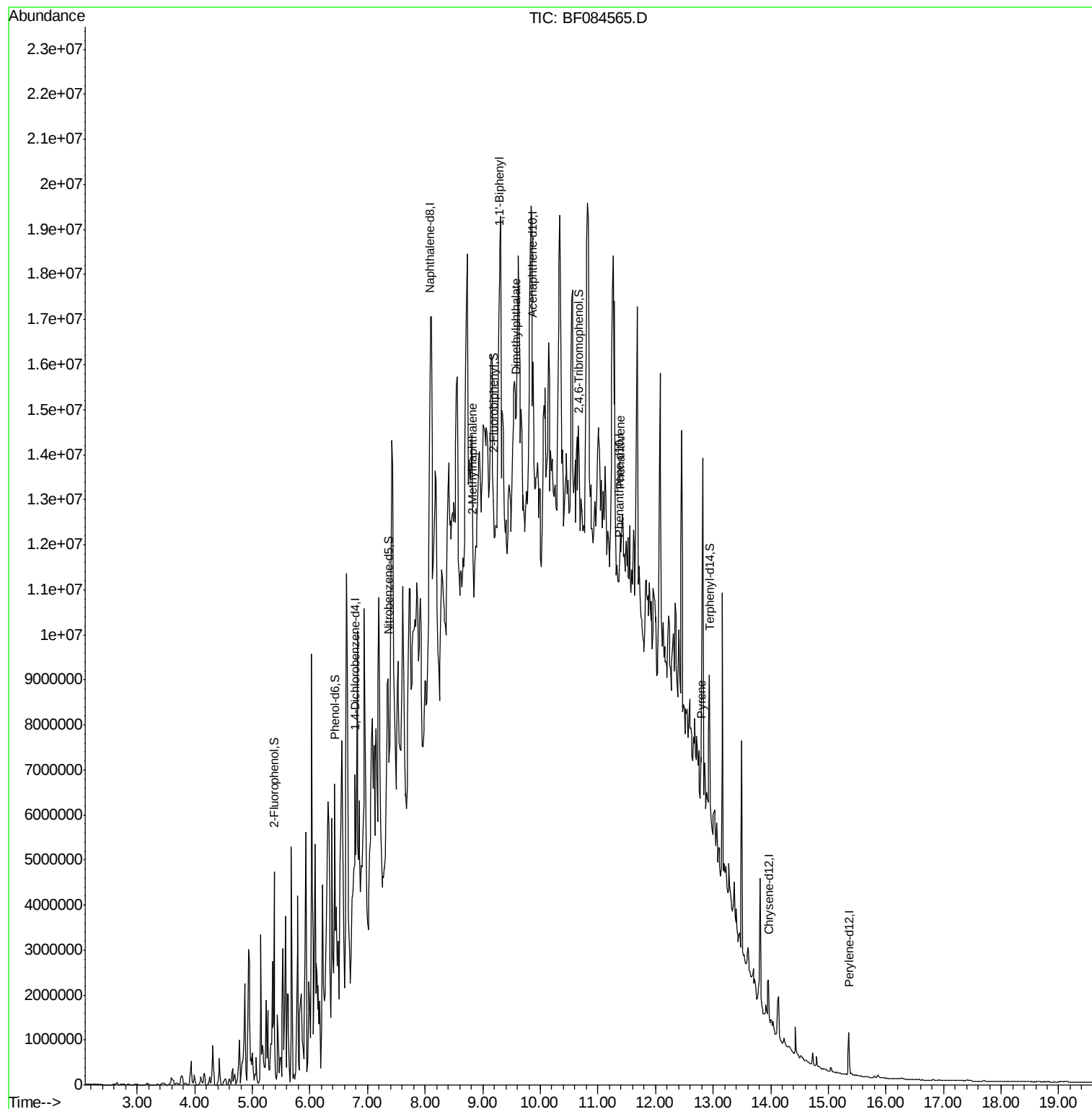
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084565.D
Acq On : 20 Jan 2016 12:50
Operator : SJ/UM
Sample : H1178-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

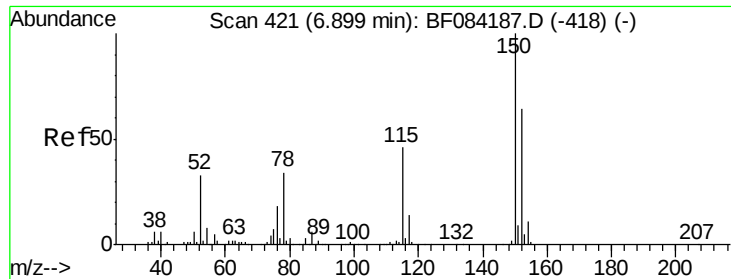
Instrument :
BNA_F
ClientSampleId :
A5-4

Manual Integrations
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Quant Time: Jan 21 01:31:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

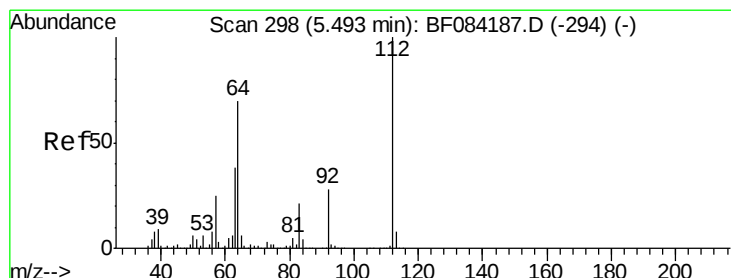
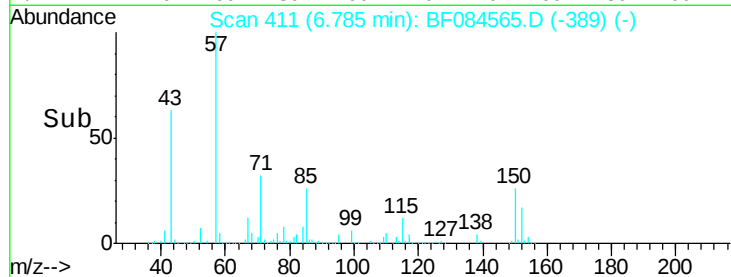
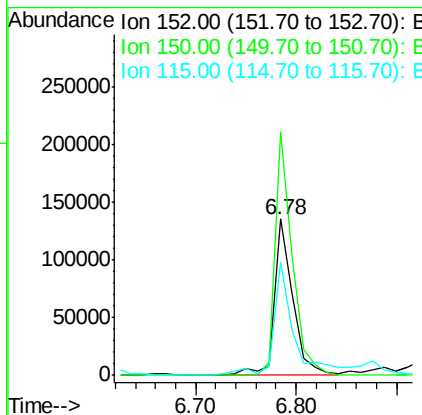
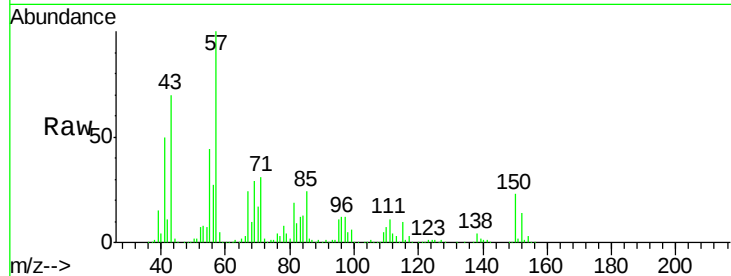
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.05 min
Lab File: BF084565.D
Acq: 20 Jan 2016 12:50

Instrument :
BNA_F
ClientSampleId :
A5-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.0	184.4
115	72.1	51.4	77.2

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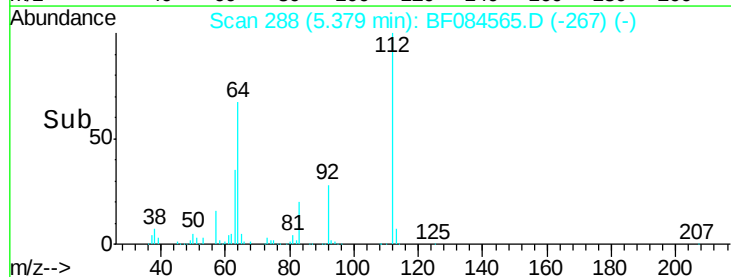
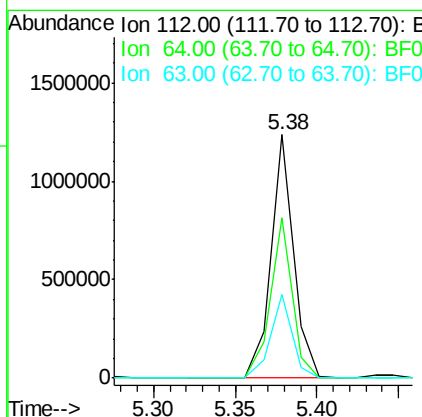
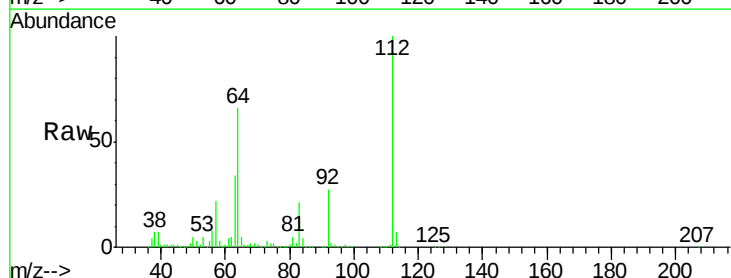
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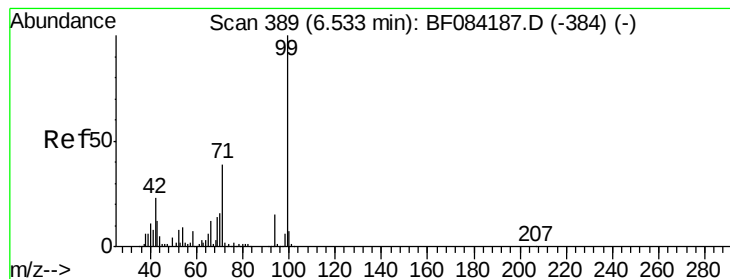


#5

2-Fluorophenol
Concen: 113.45 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.06 min
Lab File: BF084565.D
Acq: 20 Jan 2016 12:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	36.6	55.0#
63	34.4	19.4	29.0#





#7

Phenol-d6

Concen: 123.05 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084565.D

Acq: 20 Jan 2016 12:50

Instrument :

BNA_F

ClientSampleId :

A5-4

Tot Ion: 99 Resp: 1632045

Ion Ratio Lower Upper

99 100

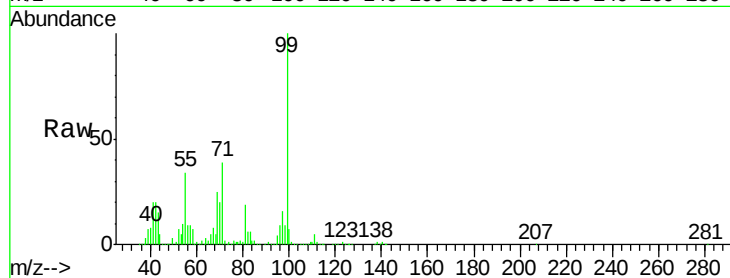
42 20.1 12.8 19.2#

71 38.5 30.9 46.3

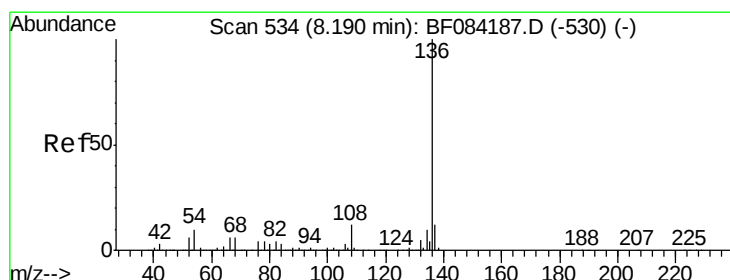
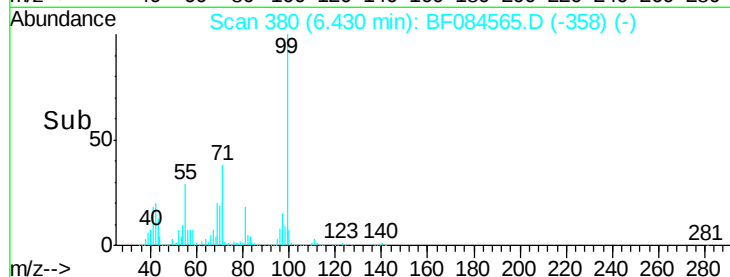
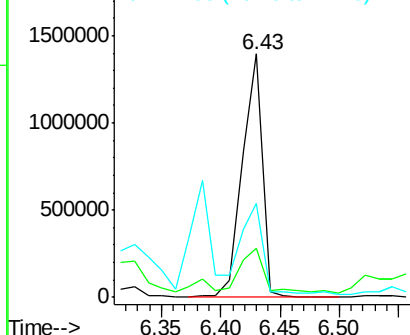
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF084565.D

Acq: 20 Jan 2016 12:50

Tgt Ion: 136 Resp: 411942

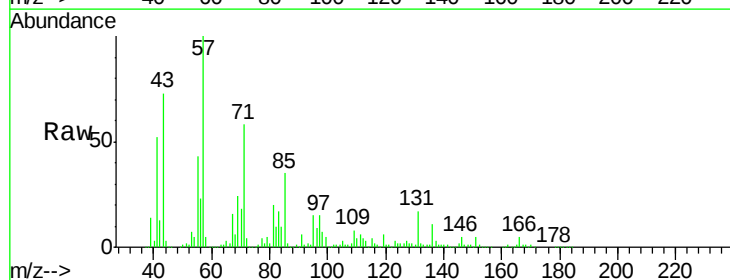
Ion Ratio Lower Upper

136 100

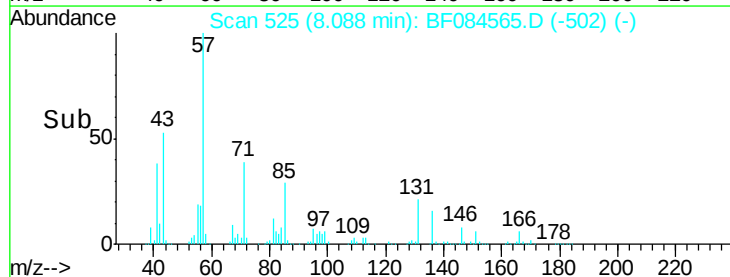
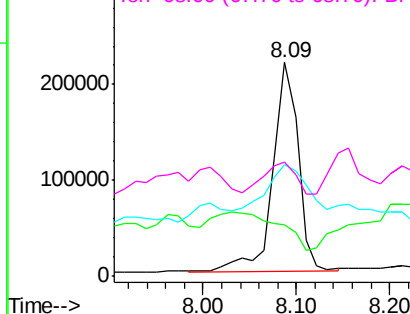
137 24.2 8.7 13.1#

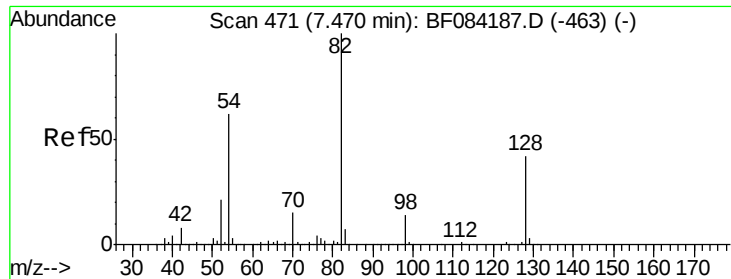
54 52.2 5.8 8.8#

68 53.2 4.2 6.2#



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





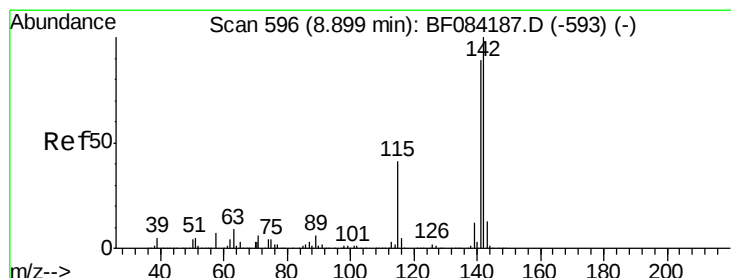
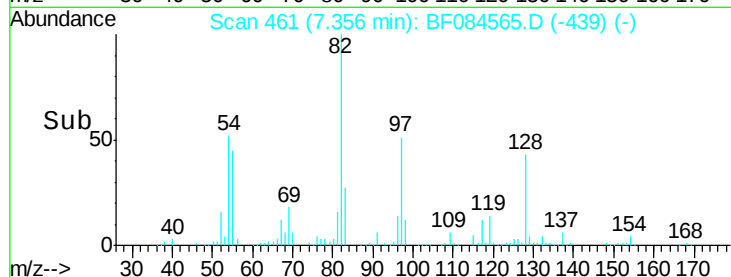
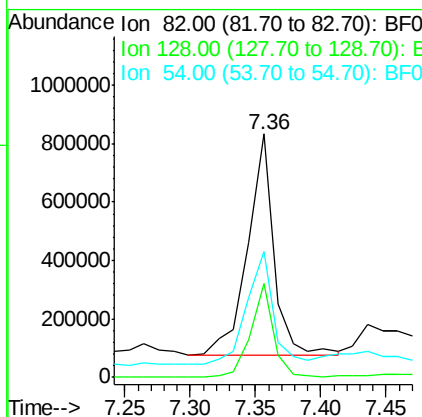
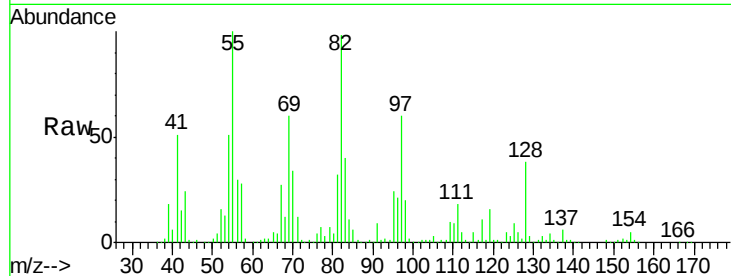
#23
 Nitrobenzene-d5
 Concen: 146.44 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.05 min
 Lab File: BF084565.D
 Acq: 20 Jan 2016 12:50

Instrument :
 BNA_F
 ClientSampleId :
 A5-4

Tot Ion: 82 Resp: 1083882
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.6 51.8
 54 51.8 38.4 57.6

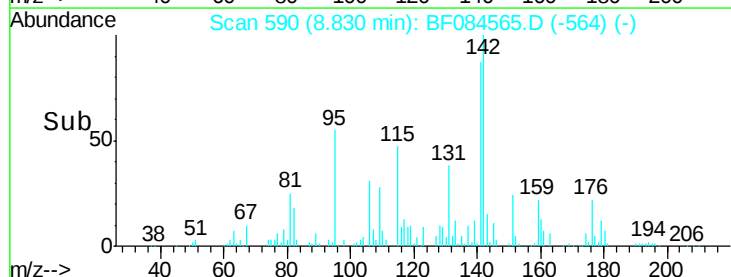
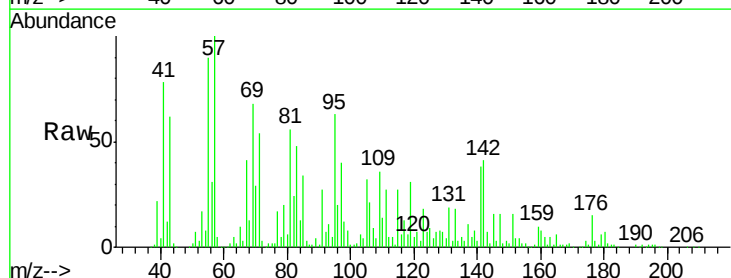
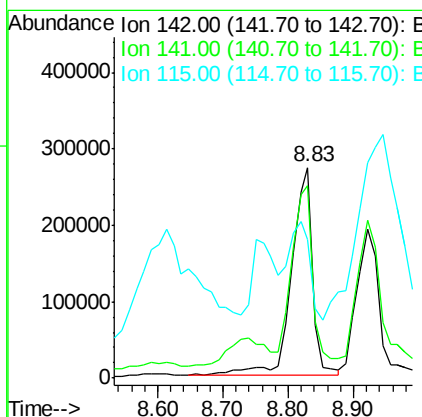
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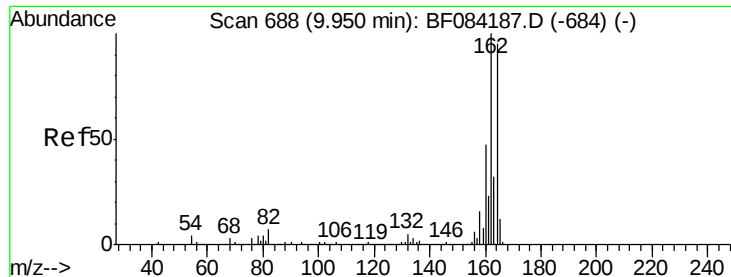
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#37
 2-Methylnaphthalene
 Concen: 45.73 ng
 RT: 8.83 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF084565.D
 Acq: 20 Jan 2016 12:50

Tgt Ion: 142 Resp: 613564
 Ion Ratio Lower Upper
 142 100
 141 91.3 72.4 108.6
 115 65.5 27.9 41.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084565.D

Acq: 20 Jan 2016 12:50

Instrument :

BNA_F

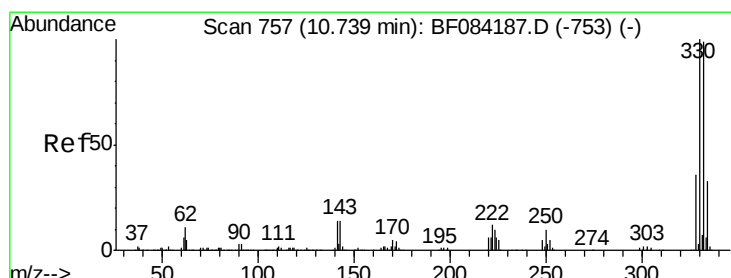
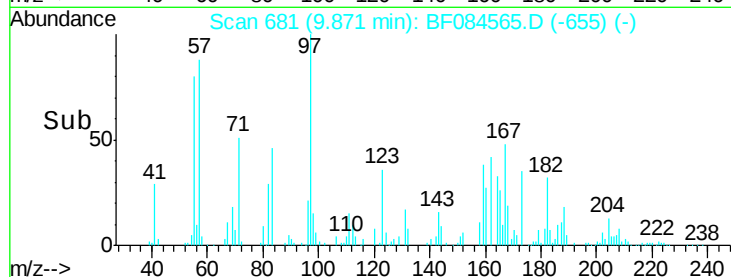
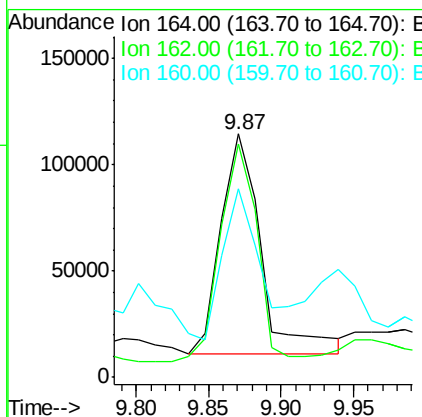
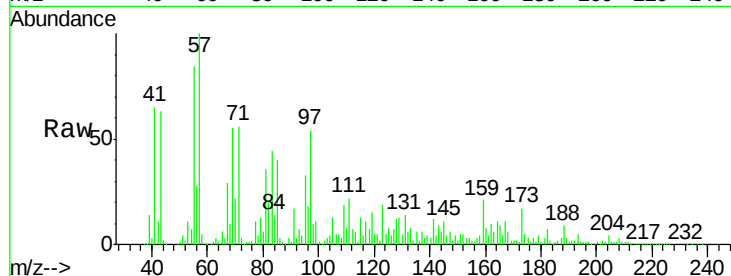
ClientSampleId :

A5-4

Tot Ion:	164	Resp:	199481
Ion Ratio	Lower	Upper	
164	100		
162	95.8	85.1	127.7
160	77.2	37.5	56.3#

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#41

2,4,6-Tribromophenol

Concen: 105.46 ng

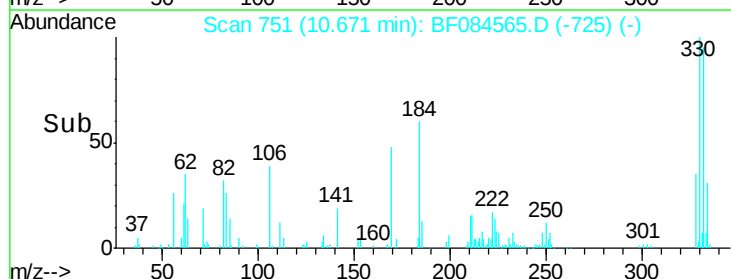
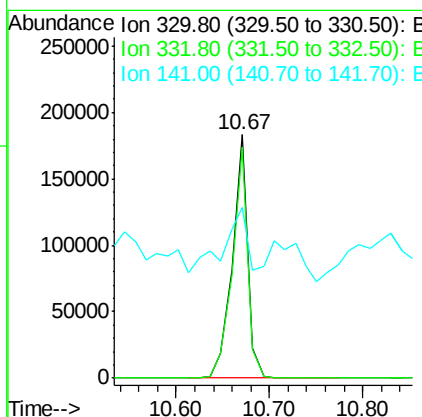
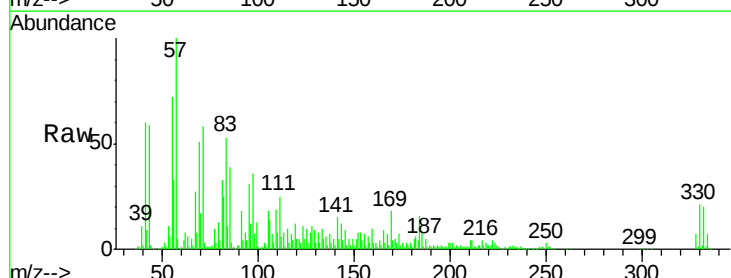
RT: 10.67 min Scan# 751

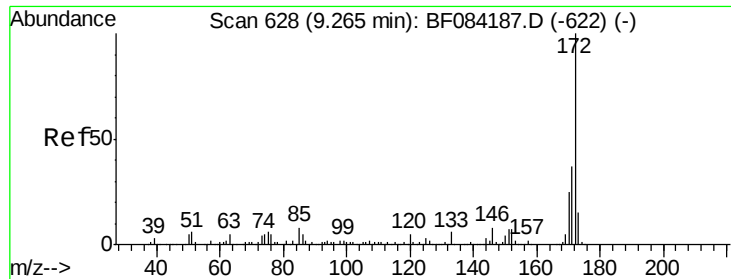
Delta R.T. 0.00 min

Lab File: BF084565.D

Acq: 20 Jan 2016 12:50

Tgt Ion:	330	Resp:	212389
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.6	114.8
141	49.6	27.8	41.6#





#44

2-Fluorobiphenyl

Concen: 98.42 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF084565.D

Acq: 20 Jan 2016 12:50

Instrument :

BNA_F

ClientSampleId :

A5-4

Tot Ion:172 Resp: 1104717

Ion Ratio Lower Upper

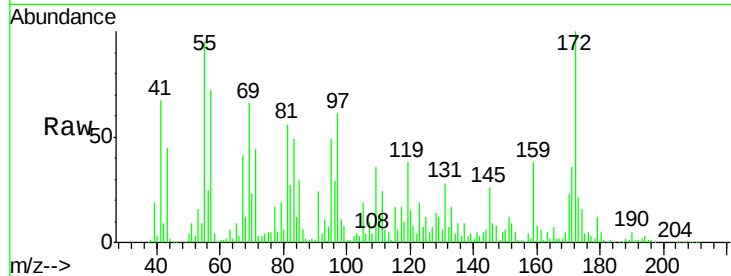
172 100

171 35.8 28.9 43.3

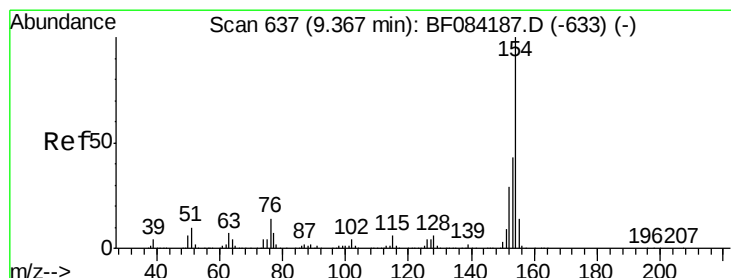
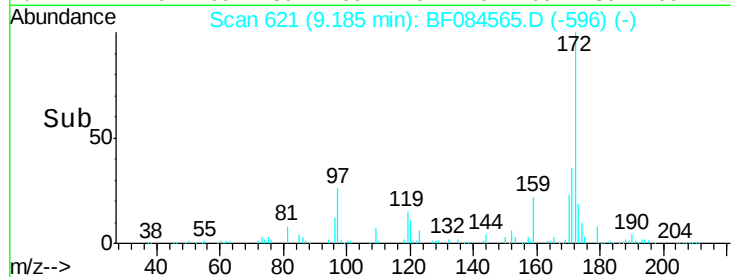
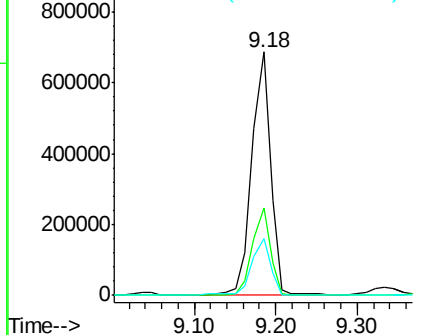
170 23.2 18.6 27.8

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 11.23 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF084565.D

Acq: 20 Jan 2016 12:50

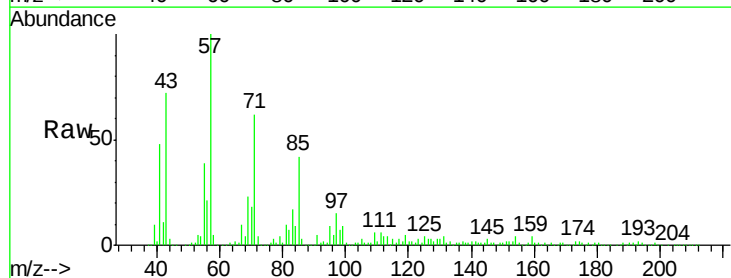
Tgt Ion:154 Resp: 178088

Ion Ratio Lower Upper

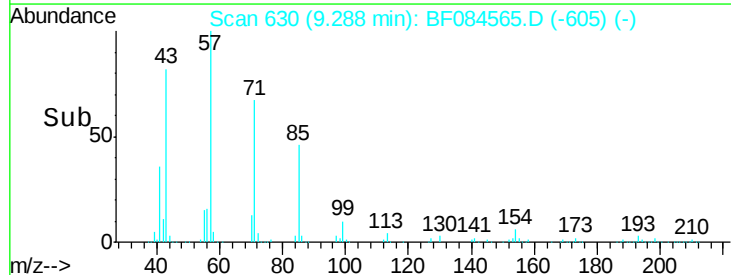
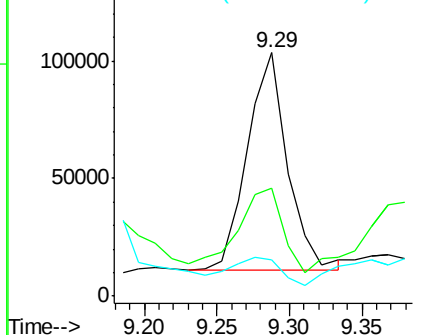
154 100

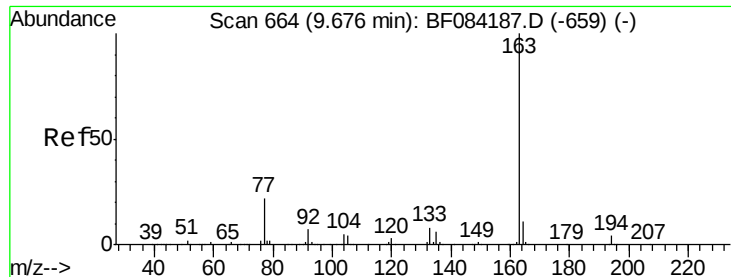
153 44.5 21.6 61.6

76 14.8 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





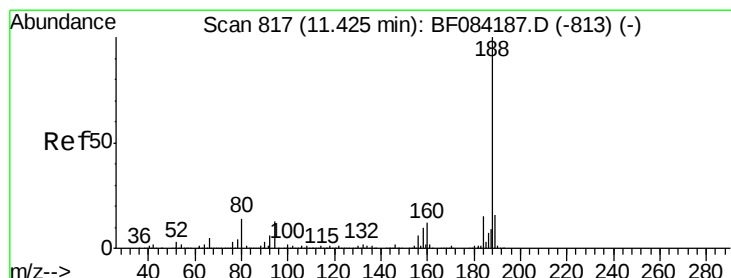
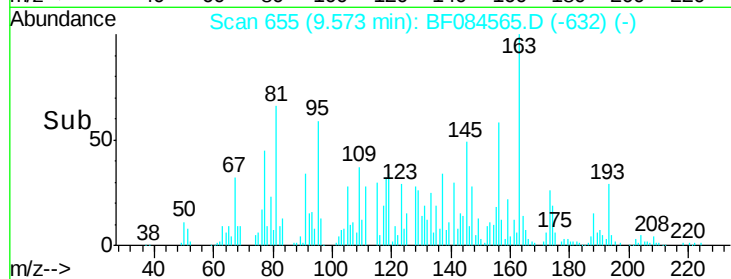
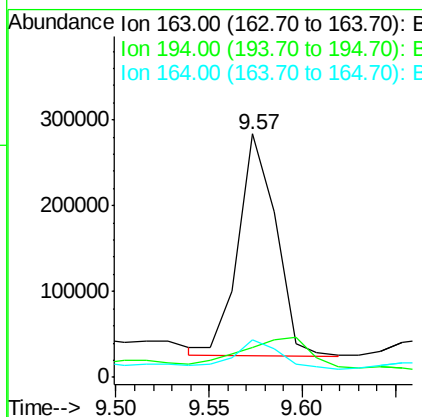
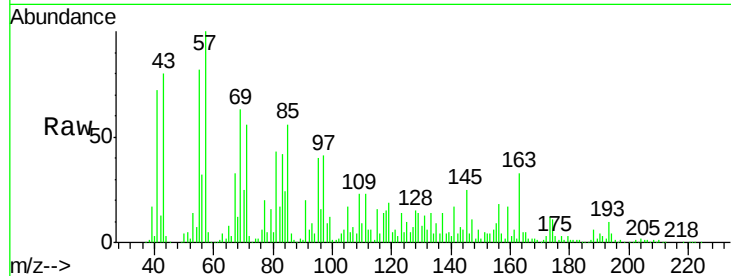
#49
Dimethylphthalate
Concen: 25.45 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF084565.D
Acq: 20 Jan 2016 12:50

Instrument :
BNA_F
ClientSampleId :
A5-4

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	12.3	8.0	12.0#
164	15.2	8.0	12.0#

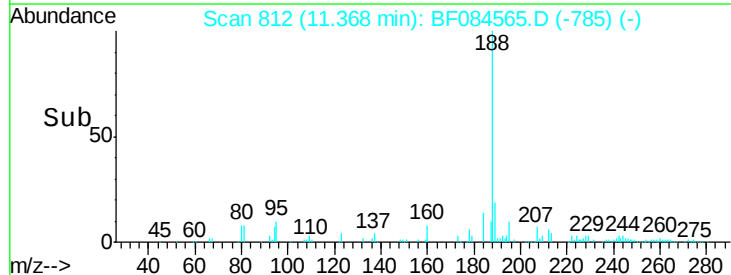
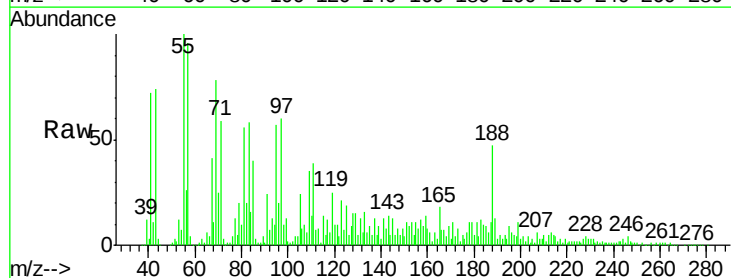
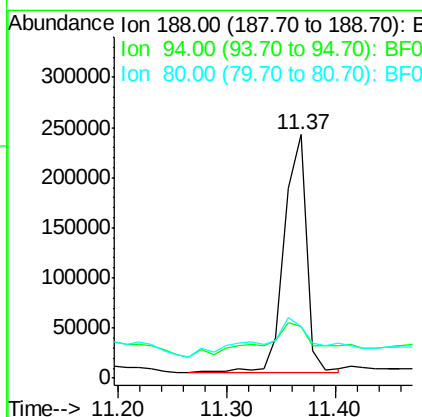
Manual Integrations
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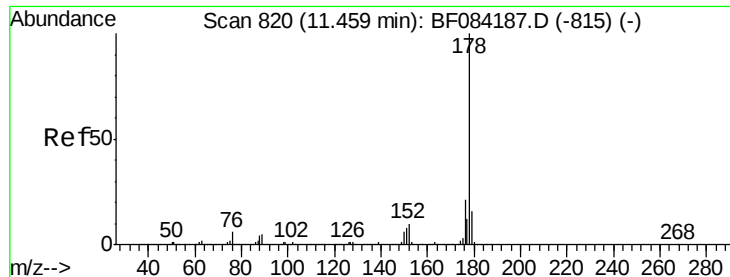
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF084565.D
Acq: 20 Jan 2016 12:50

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	21.0	9.0	13.4#
80	21.4	9.6	14.4#





#70

Phenanthrene

Concen: 19.05 ng

RT: 11.39 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF084565.D

Acq: 20 Jan 2016 12:50

Instrument :

BNA_F

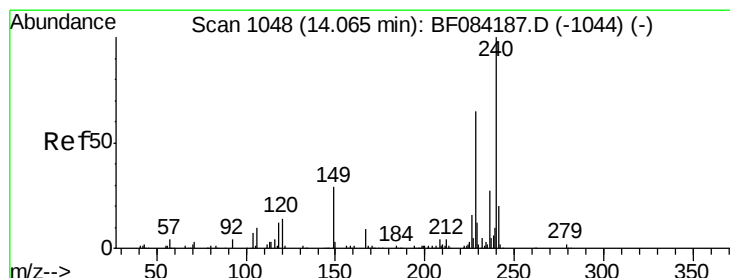
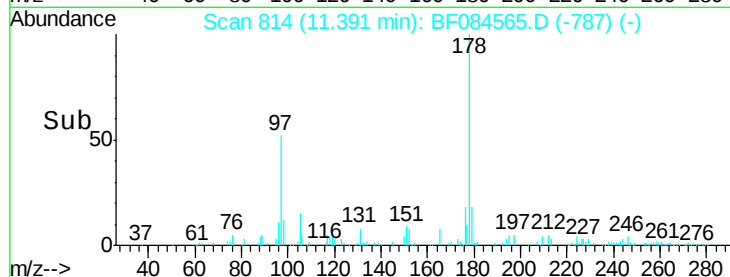
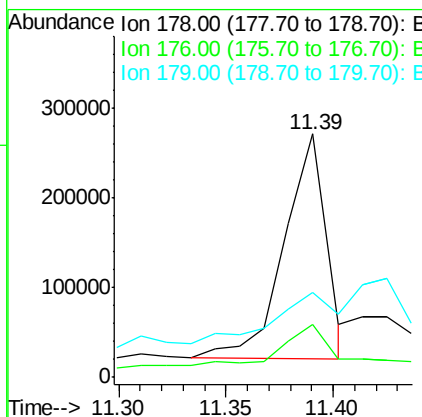
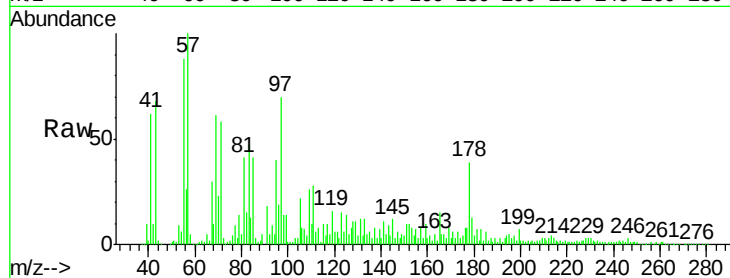
ClientSampled :

A5-4

Tot Ion:	178	Resp:	341150
Ion Ratio	Lower	Upper	
178	100		
176	21.9	15.3	22.9
179	34.6	12.0	18.0#

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

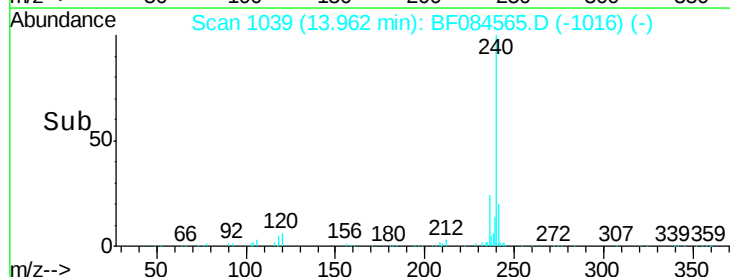
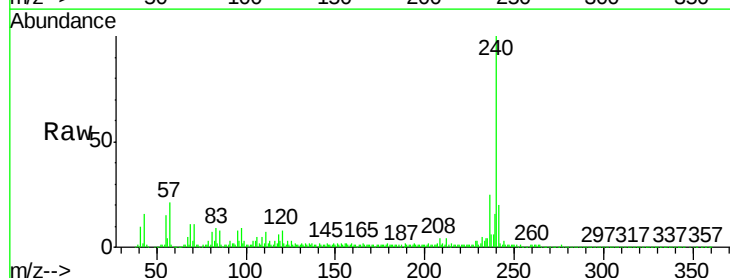
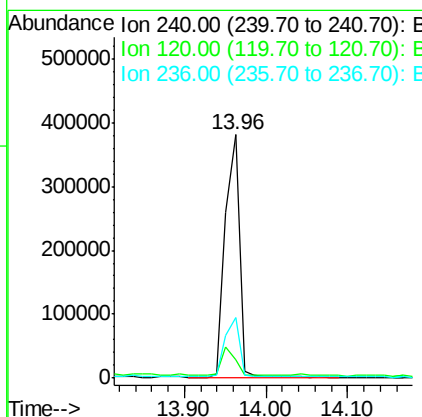
RT: 13.96 min Scan# 1039

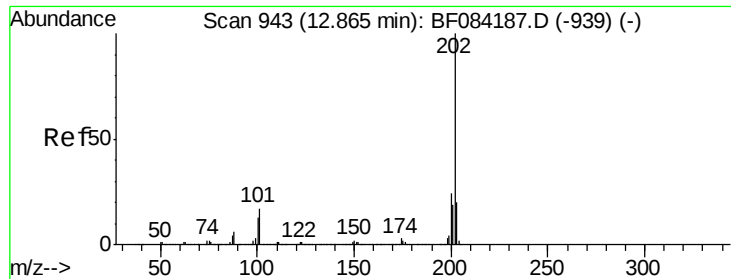
Delta R.T. -0.03 min

Lab File: BF084565.D

Acq: 20 Jan 2016 12:50

Tgt Ion:	240	Resp:	455360
Ion Ratio	Lower	Upper	
240	100		
120	7.8	9.5	14.3#
236	25.0	20.6	31.0





#77

Pvrene

Concen: 10.67 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084565.D

Acq: 20 Jan 2016 12:50

Instrument :

BNA_F

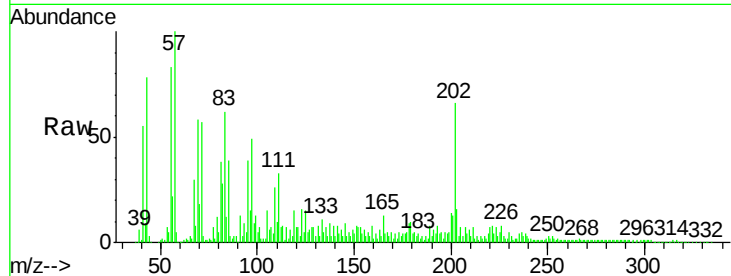
ClientSampleId :

A5-4

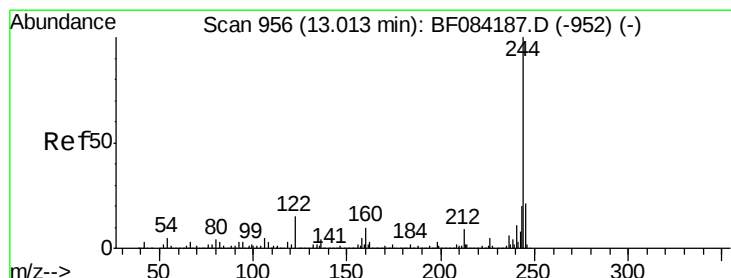
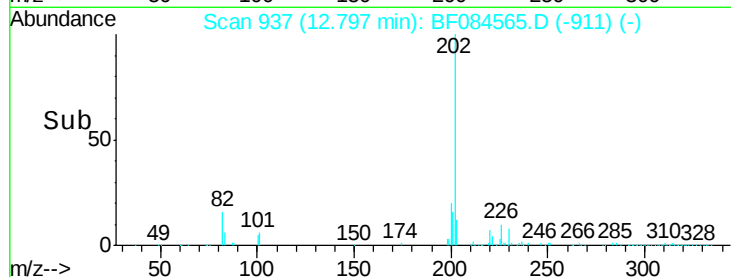
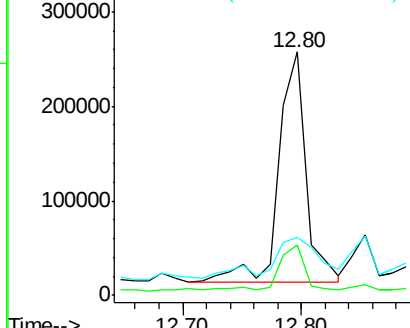
Tot Ion:	202	Resp:	381141
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.2	25.8
203	24.0	14.3	21.5#

Manual Integrations
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mohammad
1/21/2016 12:19:43 PM



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: 50.55 ng

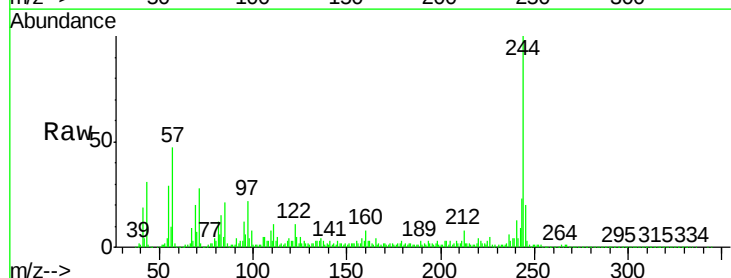
RT: 12.93 min Scan# 949

Delta R.T. -0.01 min

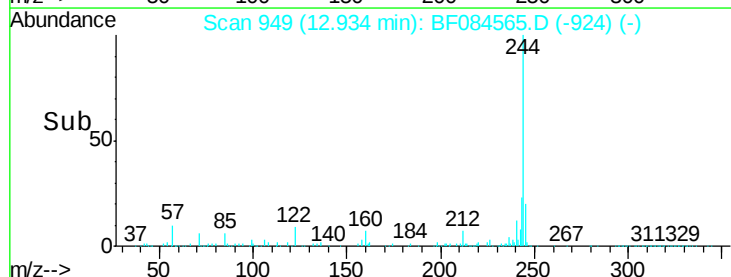
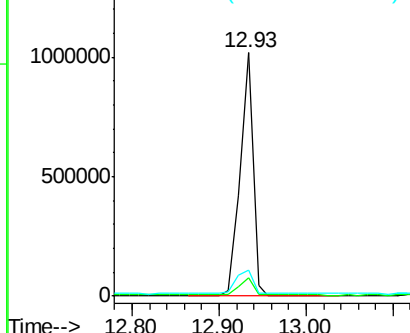
Lab File: BF084565.D

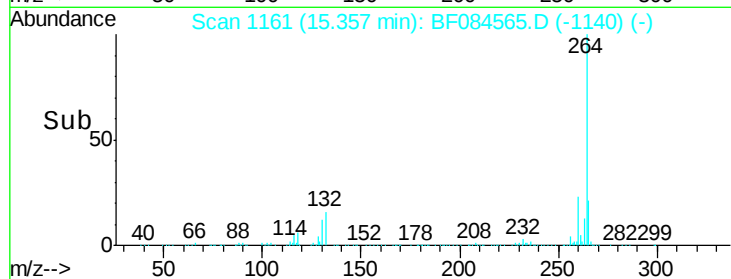
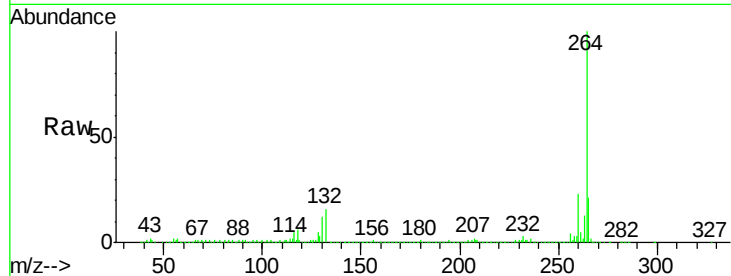
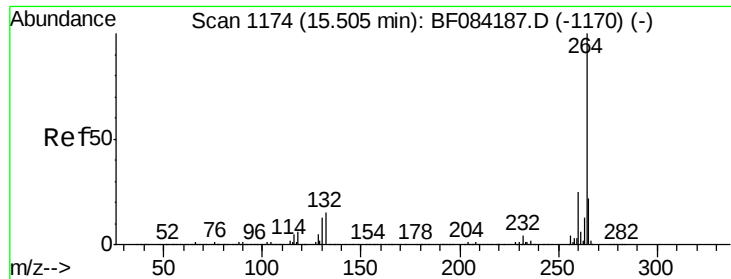
Acq: 20 Jan 2016 12:50

Tgt Ion:	244	Resp:	1031246
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.7	8.5
122	10.5	7.4	11.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BF084565.D
 Acq: 20 Jan 2016 12:50

Instrument :
 BNA_F
 ClientSampleId :
 A5-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.5	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 1/21/2016 12:19:43 PM

