

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
 Data File : BF084567.D
 Acq On : 20 Jan 2016 13:45
 Operator : SJ/UM
 Sample : H1178-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A5-4RE

Manual Integrations
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mohammad
 1/21/2016 12:19:50 PM

Quant Time: Jan 21 04:45:43 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	164591	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	432925	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	210842	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	359810	20.00	ng	0.01
75) Chrysene-d12	13.96	240	446141	20.00	ng	-0.03
86) Perylene-d12	15.36	264	437864	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1196757	117.61	ng	-0.06
7) Phenol-d6	6.43	99	1592510	124.61	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1100857	141.52	ng	-0.05
41) 2,4,6-Tribromophenol	10.67	330	231053	108.55	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1084933	90.97	ng	-0.01
78) Terphenyl-d14	12.93	244	1002262	50.15	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.82	142	597251	42.36	ng	# 72
45) 1,1'-Biphenyl	9.29	154	174659	10.42	ng	94
49) Dimethylphthalate	9.57	163	385172	25.55	ng	# 88
70) Phenanthrene	11.39	178	349489m	18.57	ng	
77) Pyrene	12.78	202	338464m	9.67	ng	

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

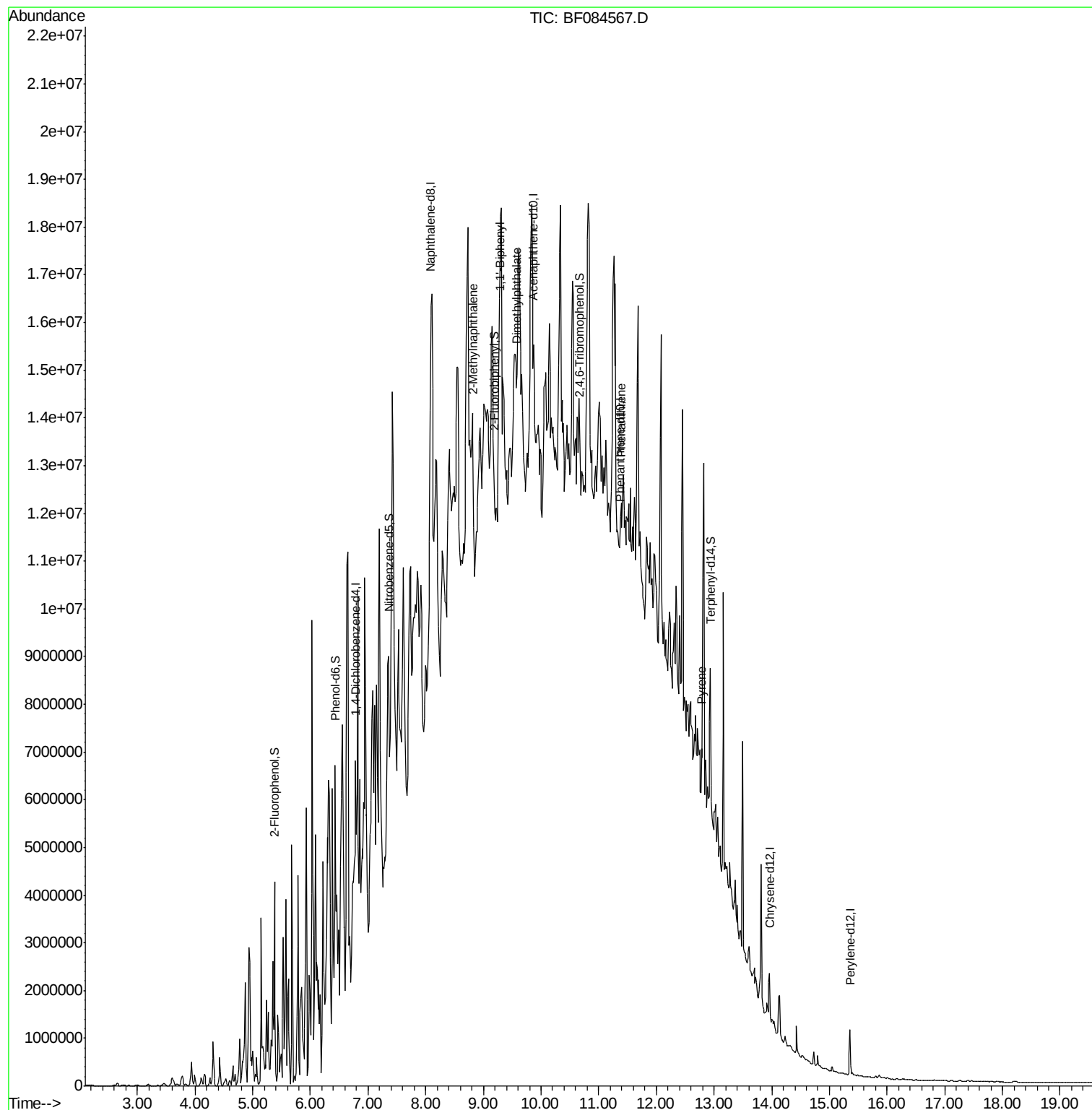
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084567.D
Acq On : 20 Jan 2016 13:45
Operator : SJ/UM
Sample : H1178-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
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Quant Time: Jan 21 04:45:43 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

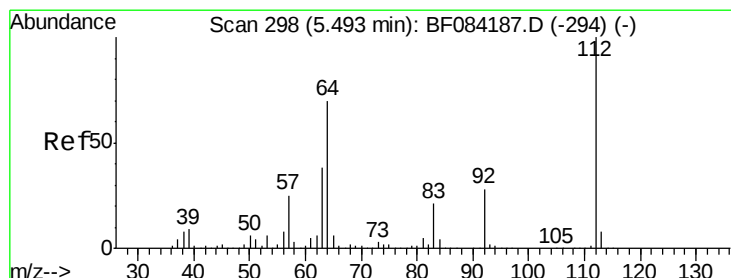
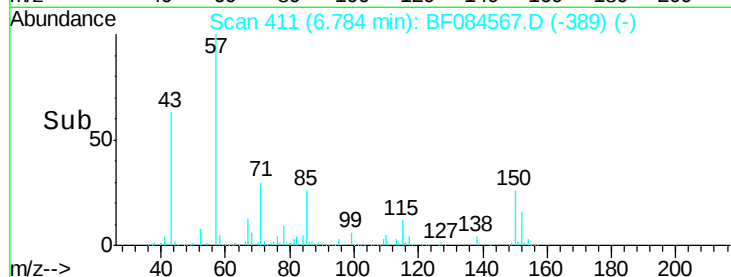
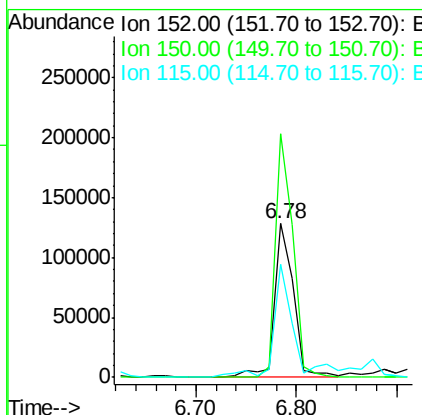
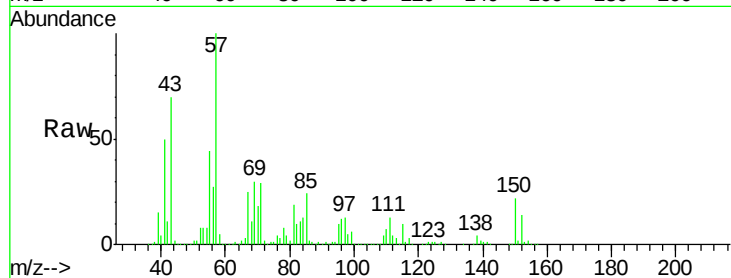
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.05 min
Lab File: BF084567.D
Acq: 20 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
A5-4RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.0	184.4
115	73.3	51.4	77.2

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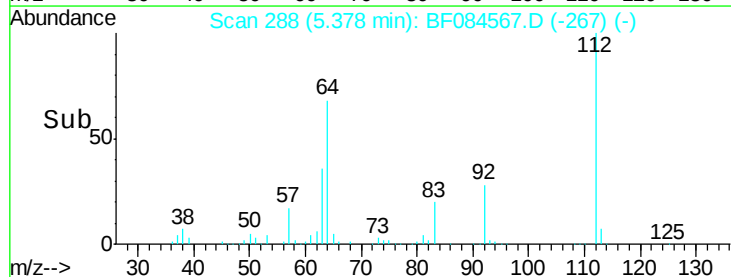
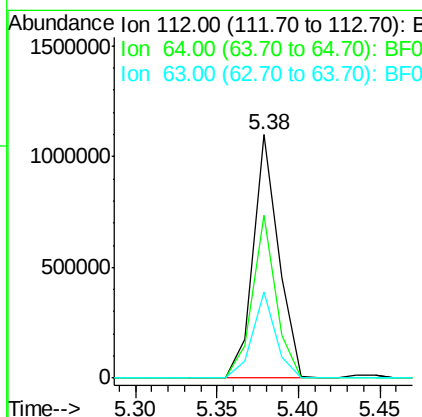
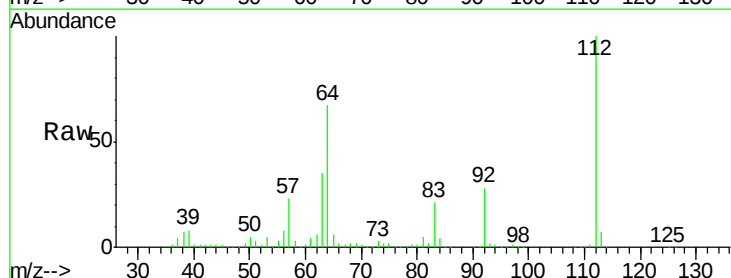
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#5

2-Fluorophenol
Concen: 117.61 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.06 min
Lab File: BF084567.D
Acq: 20 Jan 2016 13:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	36.6	55.0#
63	35.2	19.4	29.0#





#7

Phenol-d6

Concen: 124.61 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084567.D

Acq: 20 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

A5-4RE

Tot Ion: 99 Resp: 1592510

Ion Ratio Lower Upper

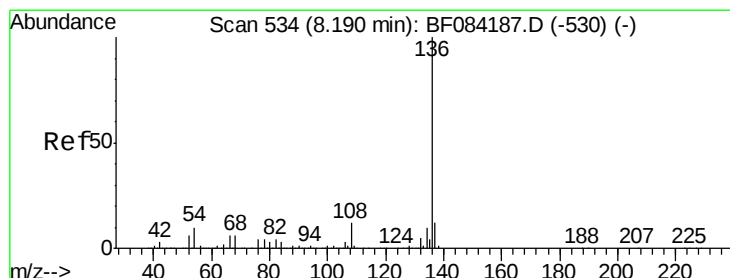
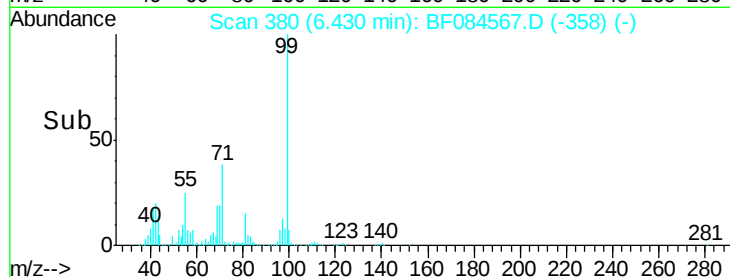
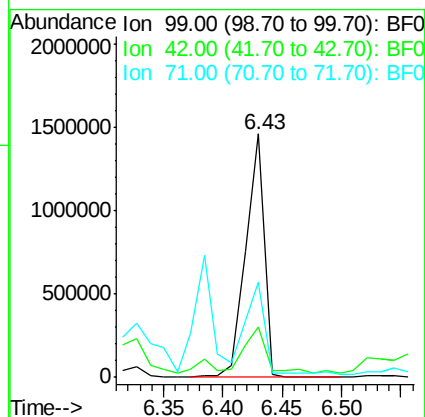
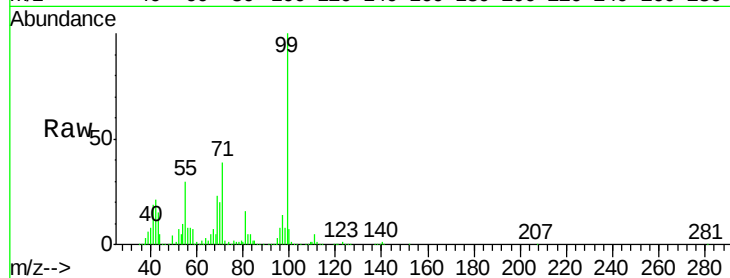
99 100

42 20.8 12.8 19.2#

71 39.1 30.9 46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF084567.D

Acq: 20 Jan 2016 13:45

Tgt Ion: 136 Resp: 432925

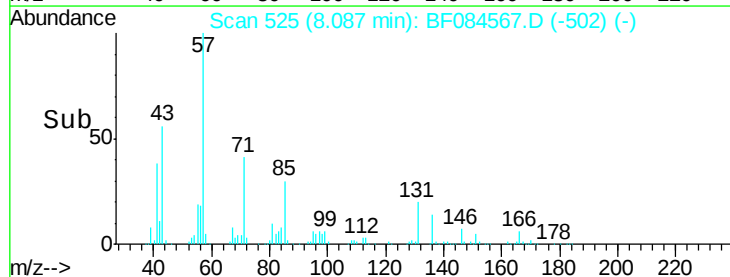
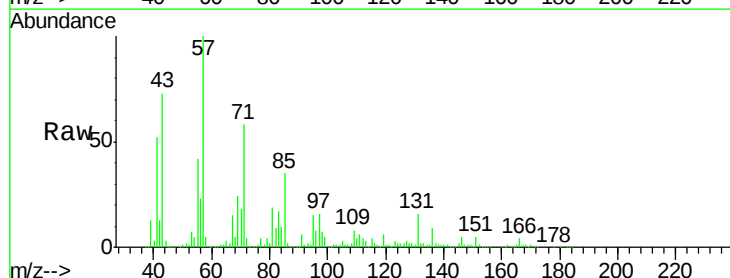
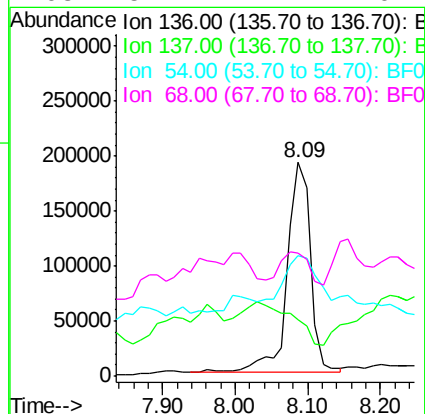
Ion Ratio Lower Upper

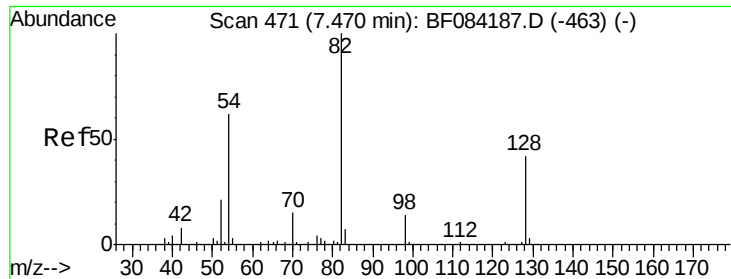
136 100

137 26.1 8.7 13.1#

54 56.6 5.8 8.8#

68 57.7 4.2 6.2#





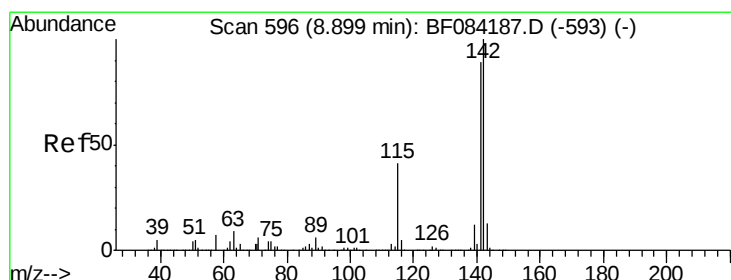
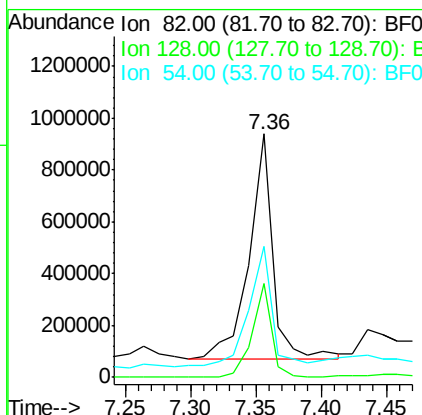
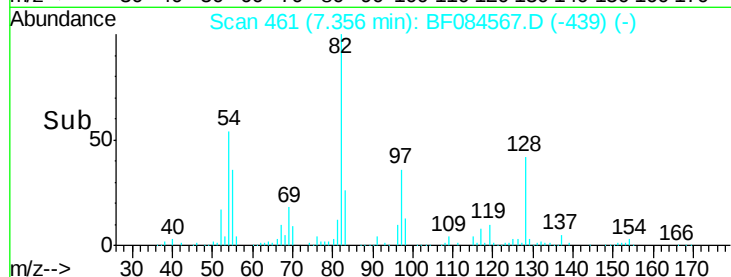
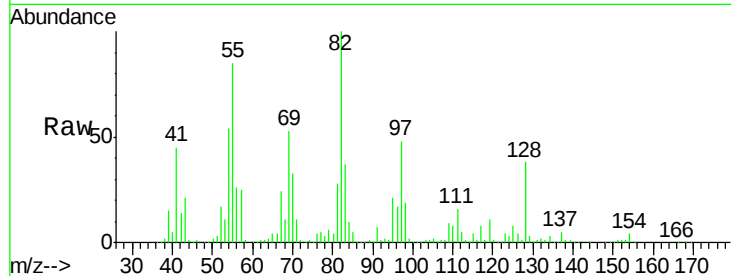
#23
 Nitrobenzene-d5
 Concen: 141.52 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.05 min
 Lab File: BF084567.D
 Acq: 20 Jan 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 A5-4RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.6	51.8
54	53.7	38.4	57.6

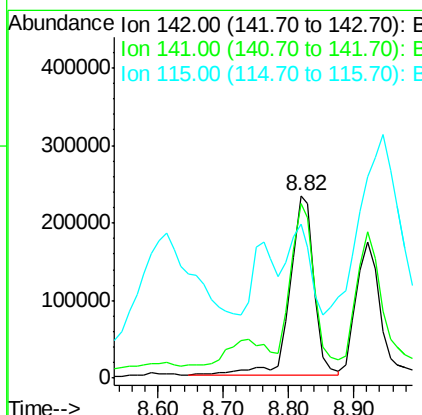
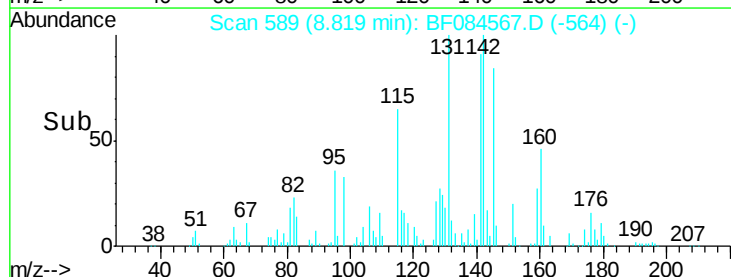
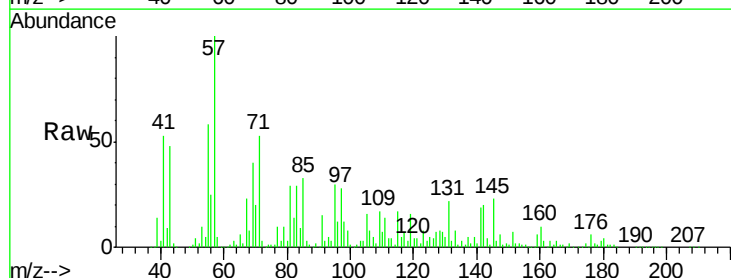
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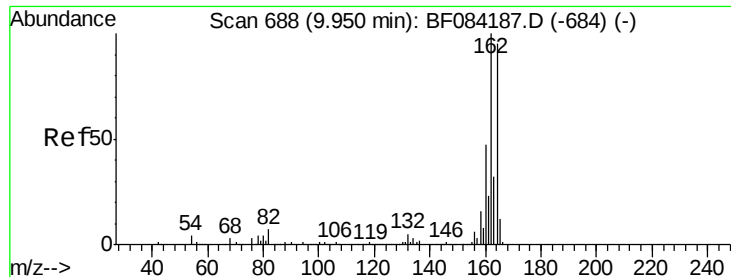
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#37
 2-Methylnaphthalene
 Concen: 42.36 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF084567.D
 Acq: 20 Jan 2016 13:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	72.4	108.6
115	84.4	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: BF084567.D

Acq: 20 Jan 2016 13:45

Instrument :

BNA_F

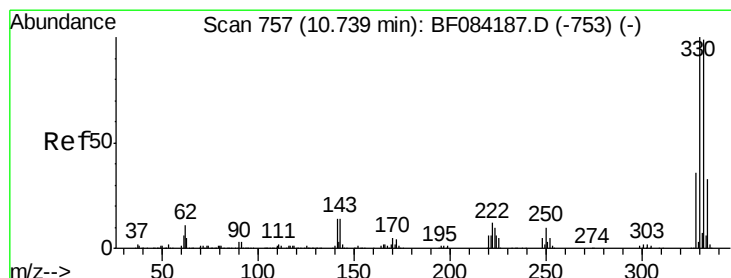
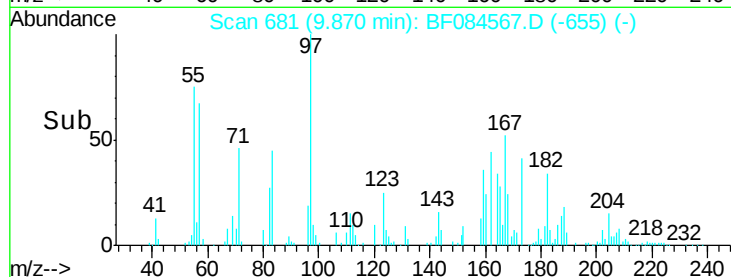
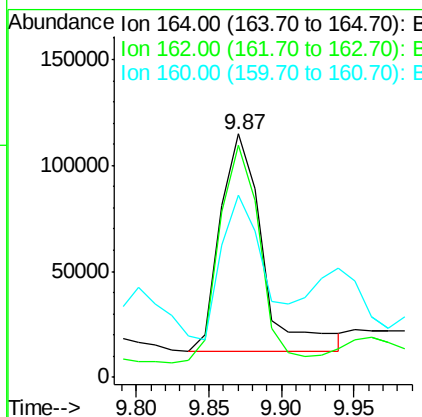
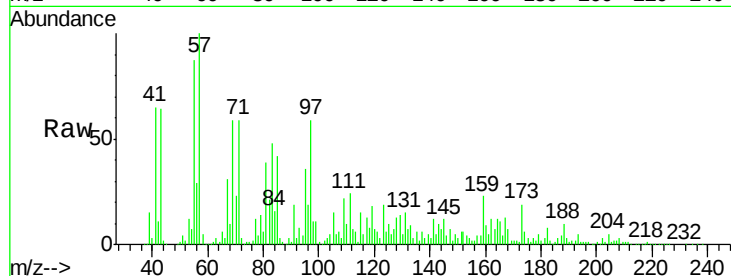
ClientSampled :

A5-4RE

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.5	85.1	127.7
160	74.8	37.5	56.3#

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#41

2,4,6-Tribromophenol

Concen: 108.55 ng

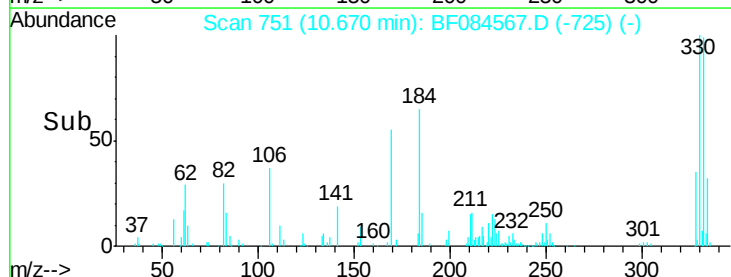
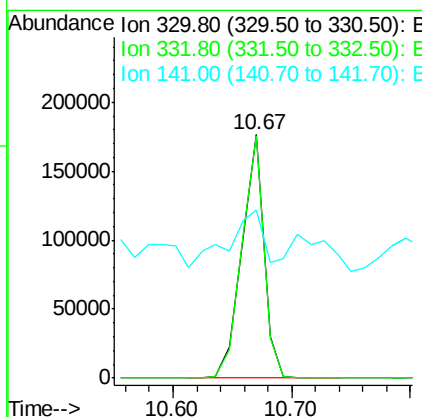
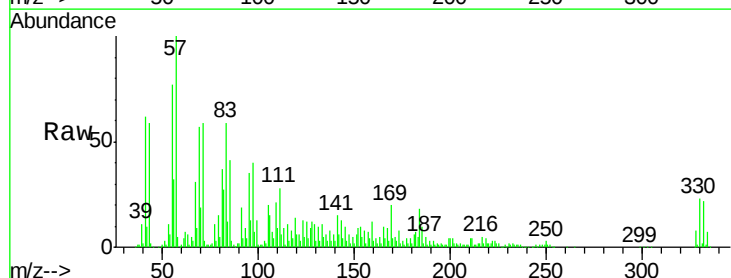
RT: 10.67 min Scan# 751

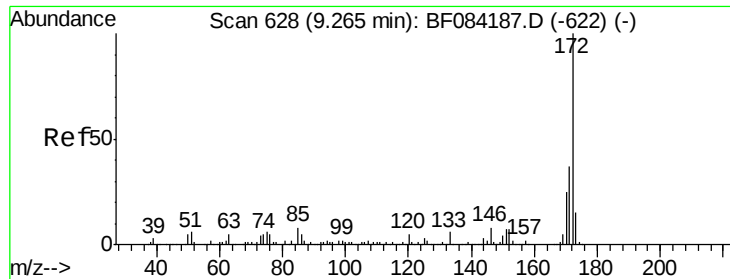
Delta R.T. -0.00 min

Lab File: BF084567.D

Acq: 20 Jan 2016 13:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.6	114.8
141	38.2	27.8	41.6





#44

2-Fluorobiphenyl

Concen: 90.97 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF084567.D

Acq: 20 Jan 2016 13:45

Instrument :

BNA_F

ClientSampleId :

A5-4RE

Tot Ion:172 Resp: 1084933

Ion Ratio Lower Upper

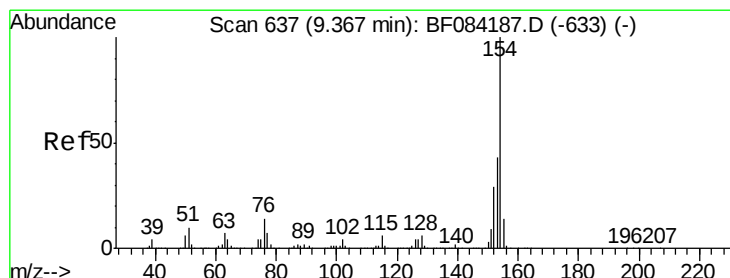
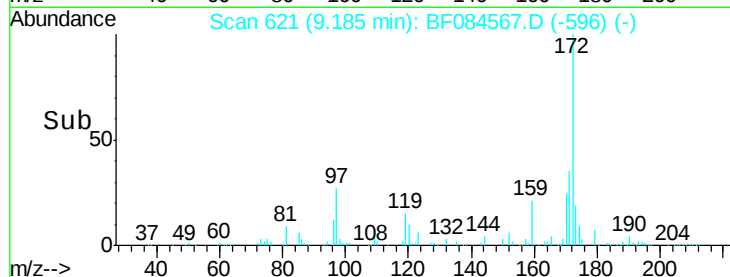
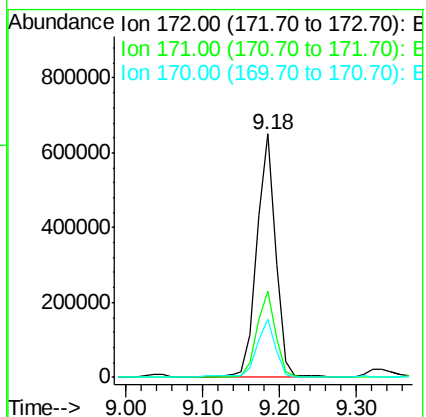
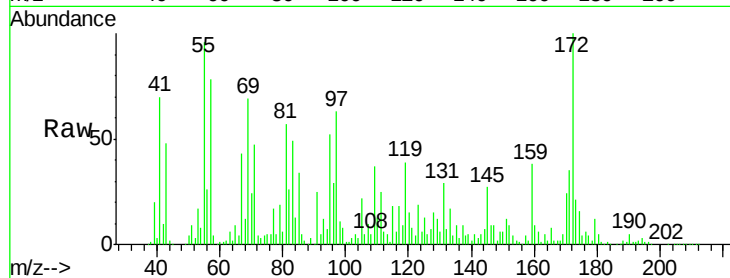
172 100

171 35.4 28.9 43.3

170 23.9 18.6 27.8

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#45

1,1'-Biphenyl

Concen: 10.42 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF084567.D

Acq: 20 Jan 2016 13:45

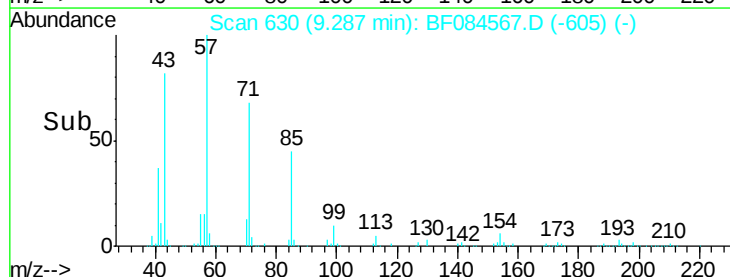
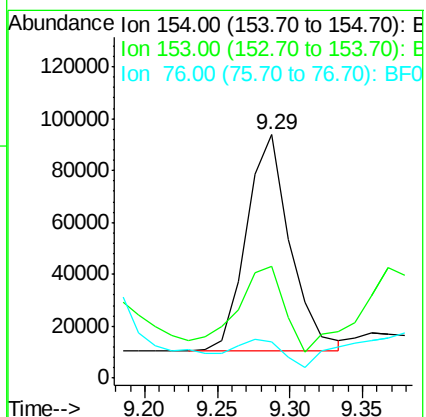
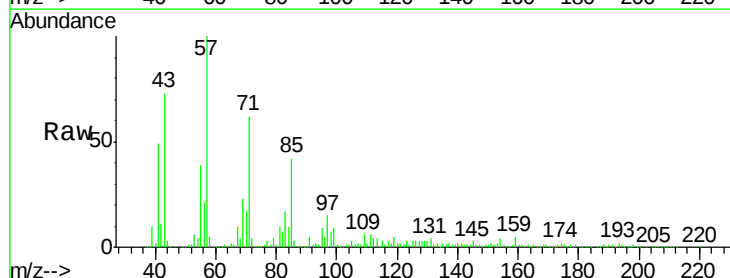
Tgt Ion:154 Resp: 174659

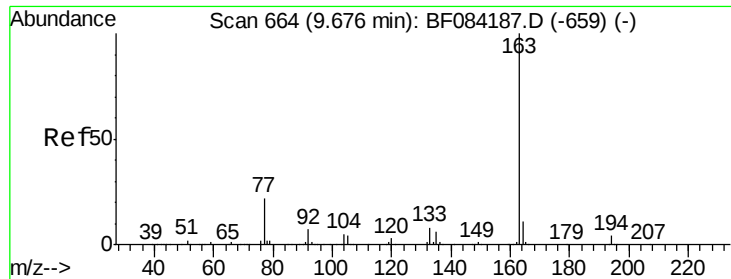
Ion Ratio Lower Upper

154 100

153 45.8 21.6 61.6

76 14.9 0.0 32.7





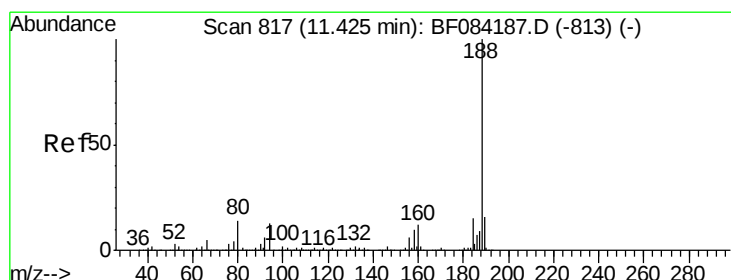
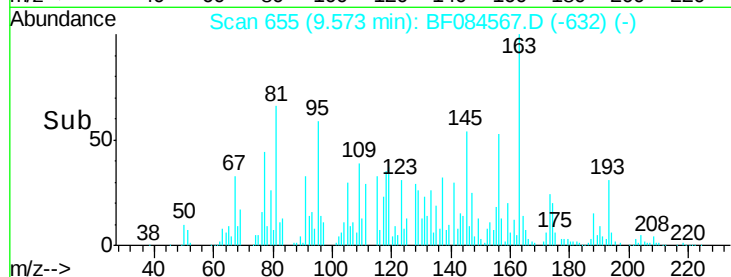
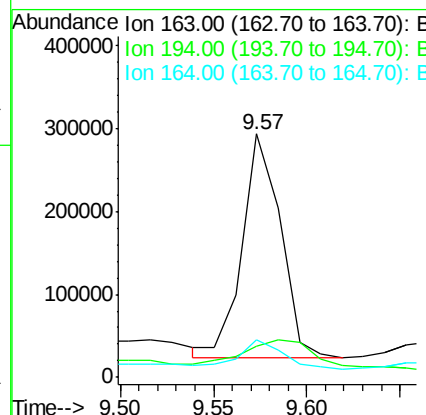
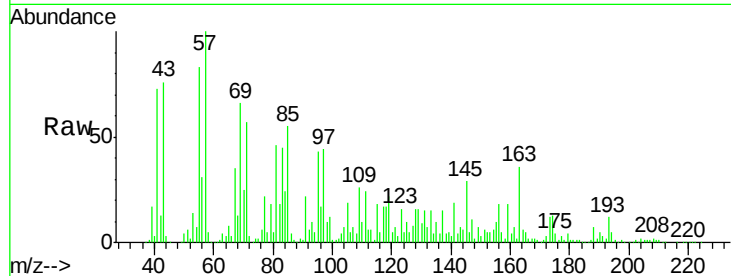
#49
Dimethylphthalate
Concen: 25.55 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF084567.D
Acq: 20 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
A5-4RE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	385172		
194	13.0	8.0	12.0#	
164	15.5	8.0	12.0#	

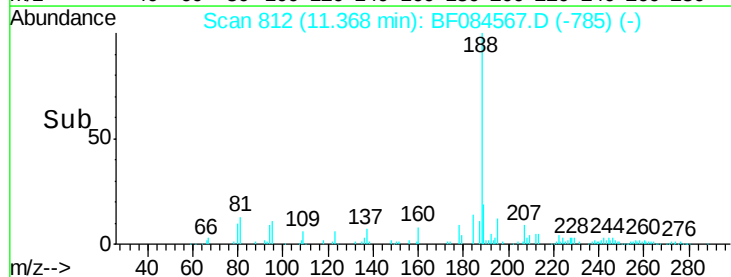
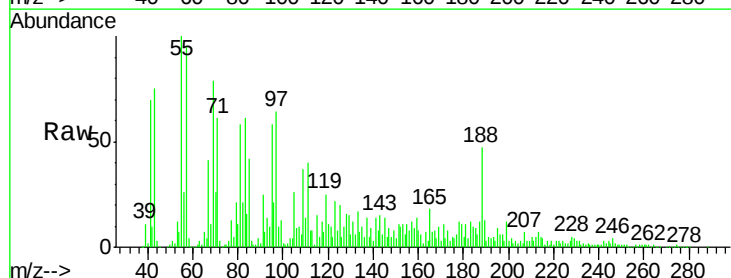
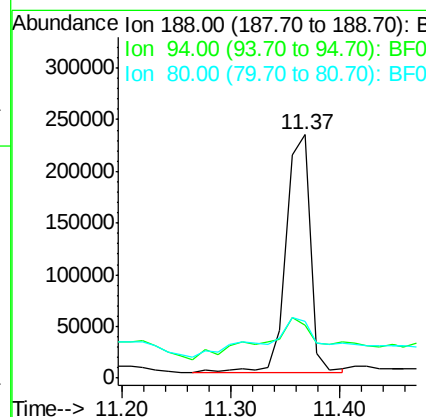
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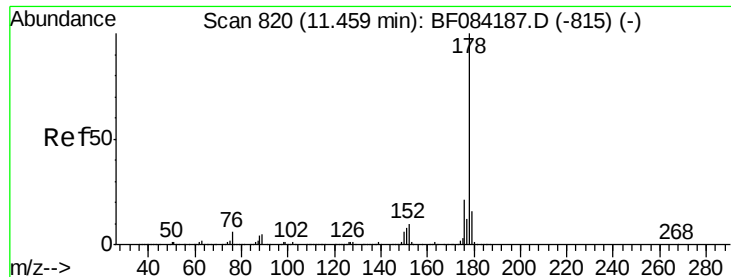
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF084567.D
Acq: 20 Jan 2016 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	359810		
94	22.0	9.0	13.4#	
80	23.2	9.6	14.4#	





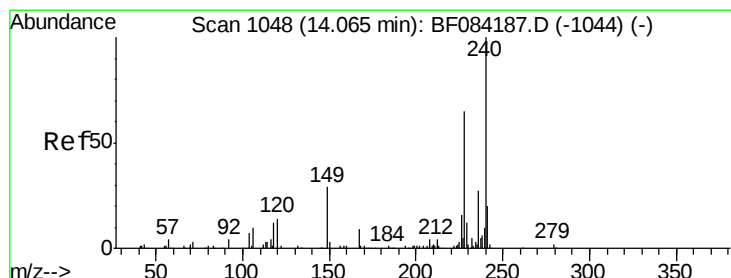
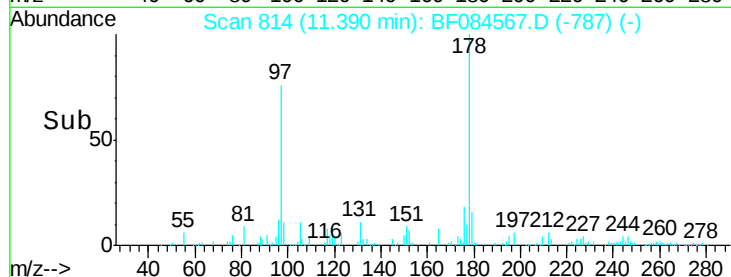
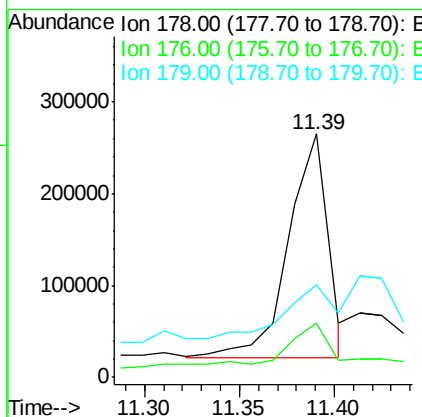
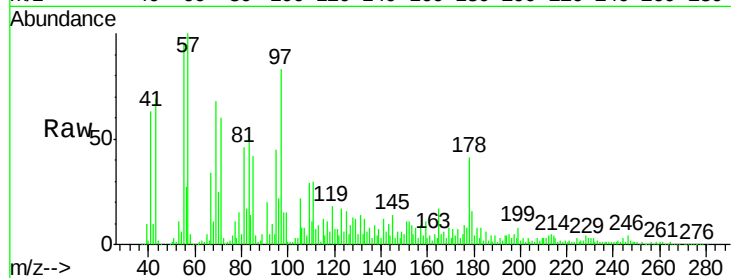
#70
Phenanthrene
Concen: 18.57 ng m
RT: 11.39 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF084567.D
Acq: 20 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
A5-4RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.3	22.9
179	38.1	12.0	18.0#

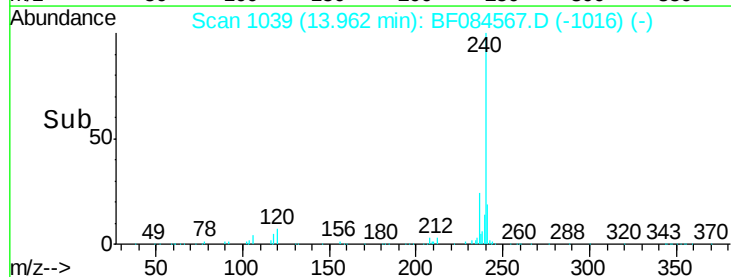
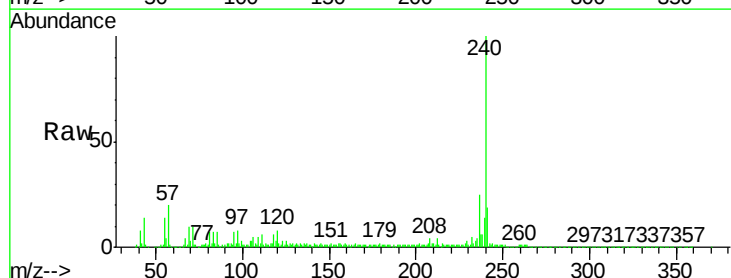
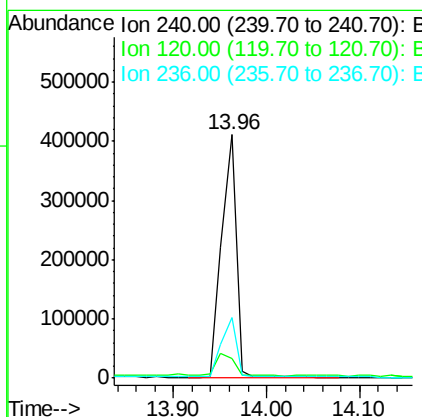
Manual Integrations
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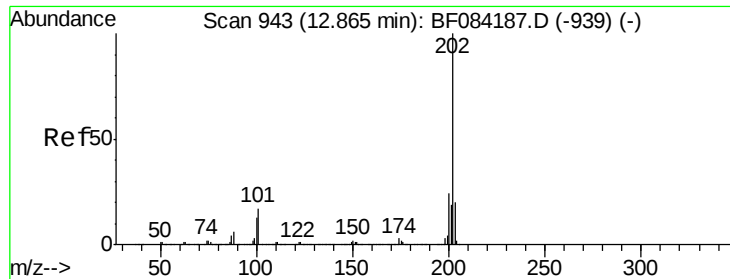
mohammad
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF084567.D
Acq: 20 Jan 2016 13:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	24.9	20.6	31.0





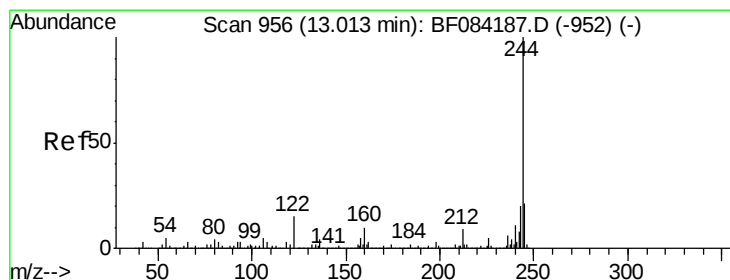
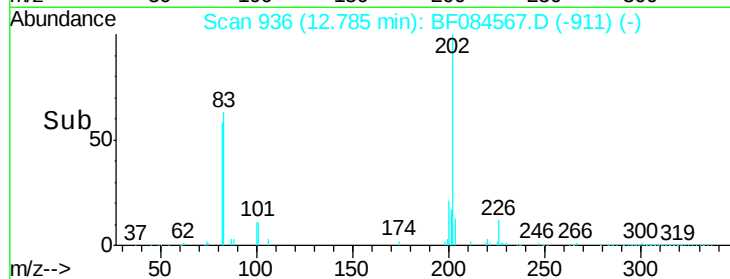
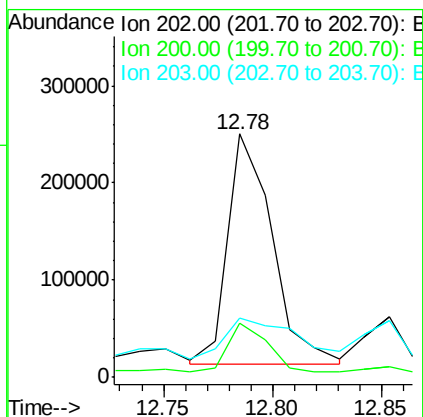
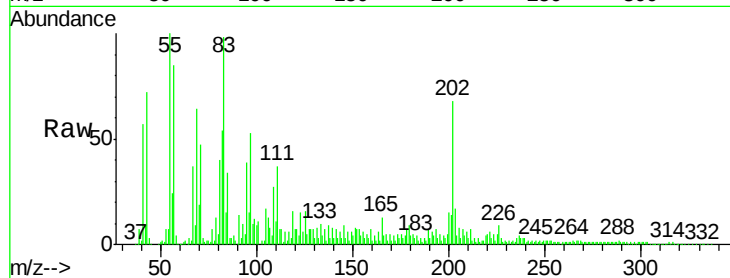
#77
Pvrene
Concen: 9.67 ng/ml
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF084567.D
Acq: 20 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
A5-4RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.2	25.8
203	24.6	14.3	21.5

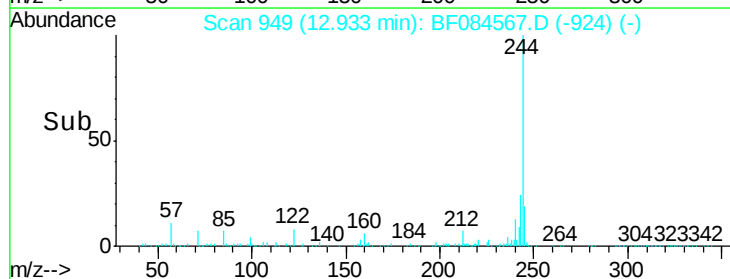
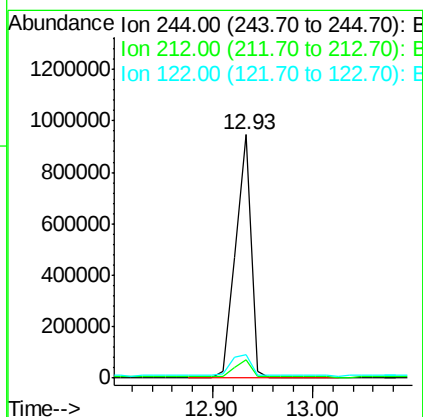
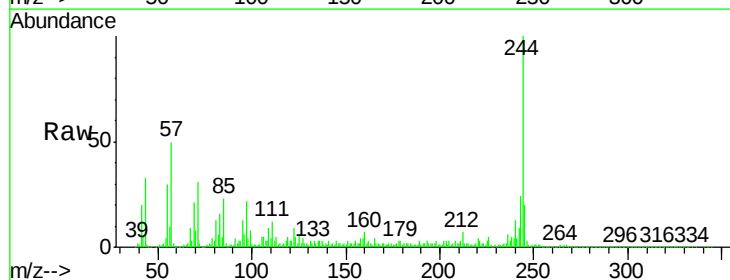
Manual Integrations
APPROVED

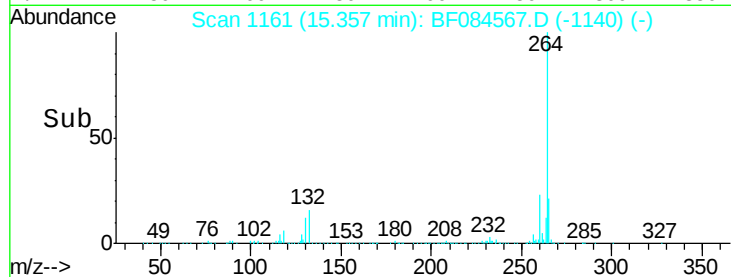
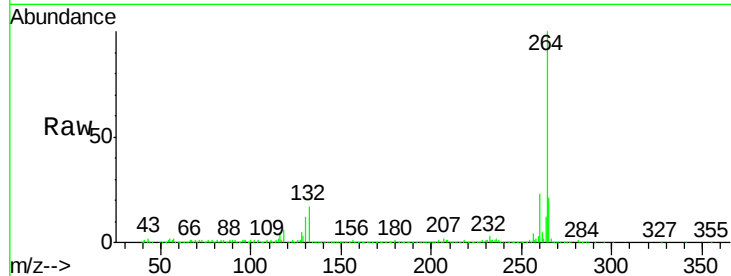
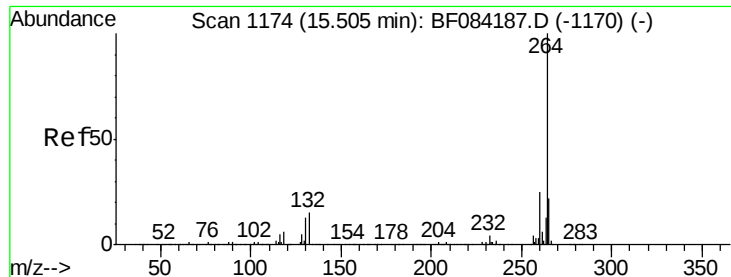
mohammad
1/21/2016 12:19:50 PM



#78
Terphenyl-d14
Concen: 50.15 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF084567.D
Acq: 20 Jan 2016 13:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	9.4	7.4	11.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084567.D
Acq: 20 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
A5-4RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.1	17.8	26.6

Manual Integrations
APPROVED

mohammad
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