

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
 Data File : BF077670.D
 Acq On : 10 Mar 2015 19:35
 Operator : TP/IZ
 Sample : G1440-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)

Manual Integrations
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Quant Time: Mar 11 01:55:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	50299	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	183788	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	91075	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	172681	20.00	ng	0.00
75) Chrysene-d12	16.08	240	222409	20.00	ng	0.00
86) Perylene-d12	17.94	264	220612	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	267026	88.63	ng	0.00
7) Phenol-d6	6.75	99	351324	90.69	ng	0.00
23) Nitrobenzene-d5	7.87	82	176065	59.57	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	73997	84.38	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	363498	62.23	ng	0.00
78) Terphenyl-d14	14.76	244	461264	48.48	ng	0.00
Target Compounds						
10) Phenol	6.76	94	10211	2.22	ng	94
37) 2-Methylnaphthalene	9.65	142	231560	35.48	ng	# 96
49) Dimethylphthalate	10.61	163	17964	2.81	ng	# 95
51) Acenaphthene	10.97	154	13137	2.57	ng	# 88
57) Fluorene	11.60	166	49447	7.84	ng	# 84
70) Phenanthrene	12.80	178	103904	10.38	ng	97

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

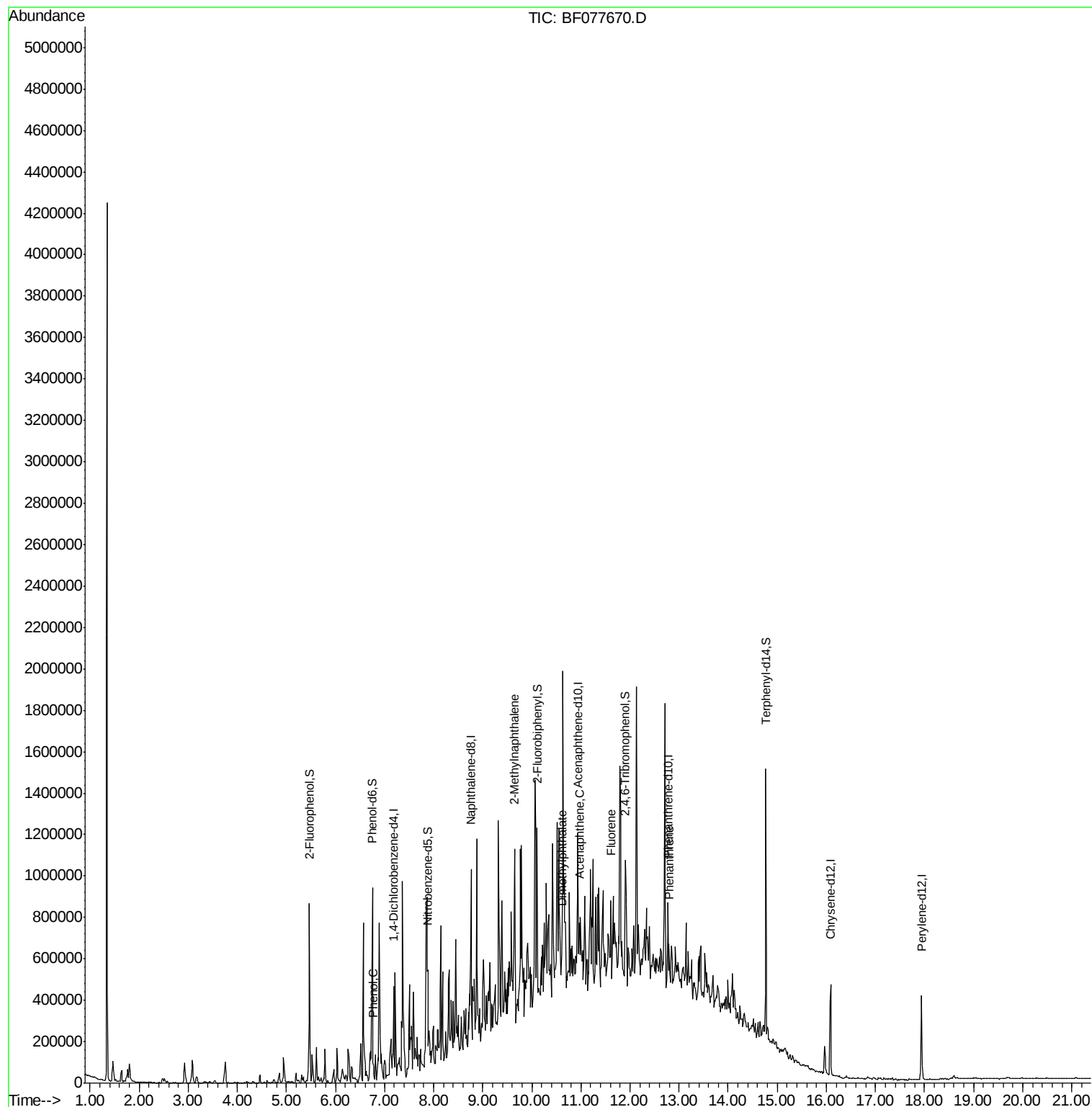
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077670.D
Acq On : 10 Mar 2015 19:35
Operator : TP/IZ
Sample : G1440-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

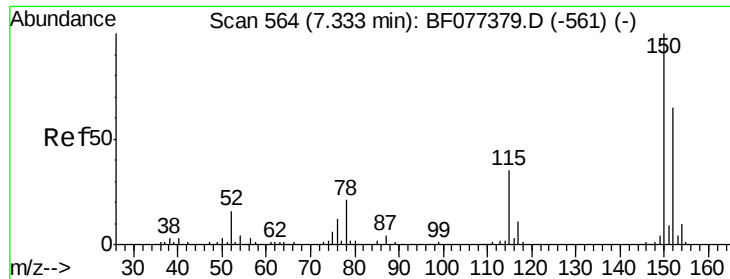
Instrument :
BNA_F
ClientSampleId :
B2(8-9)

Manual Integrations
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Quant Time: Mar 11 01:55:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 00:54:19 2015
Response via : Initial Calibration





#1

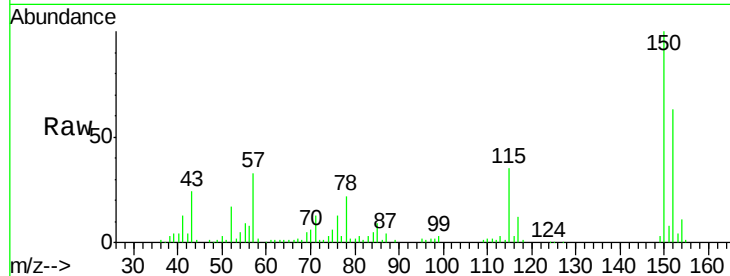
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF077670.D
Acq: 10 Mar 2015 19:35

Instrument :
BNA_F
ClientSampleId :
B2(8-9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.0	186.0
115	56.0	49.4	74.2

Manual Integrations
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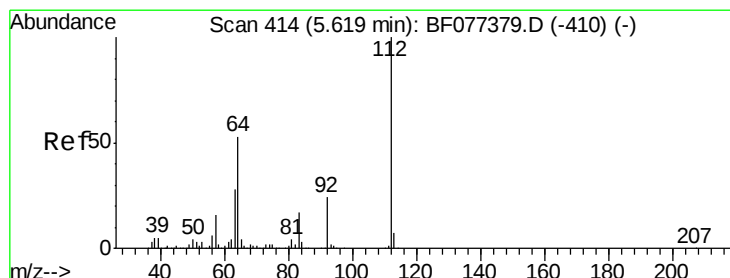
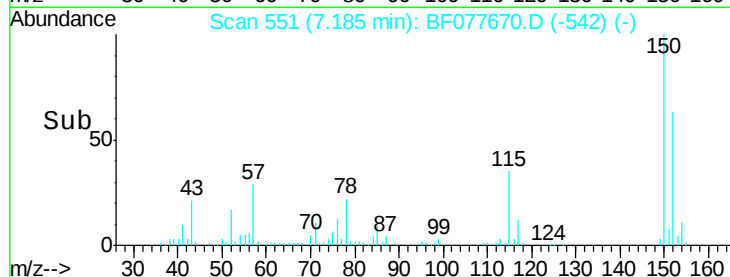
Abundance

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

Time-->



#5

2-Fluorophenol
Concen: 88.63 ng
RT: 5.47 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF077670.D
Acq: 10 Mar 2015 19:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	48.5	72.7
63	27.7	25.0	37.4

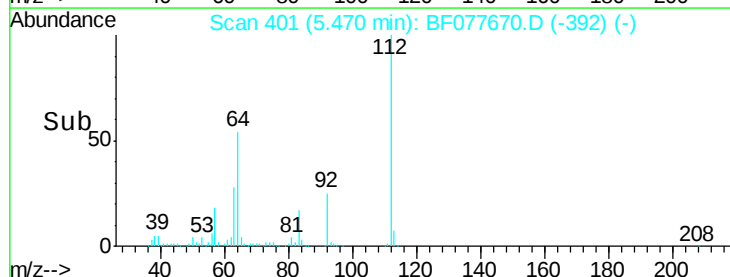
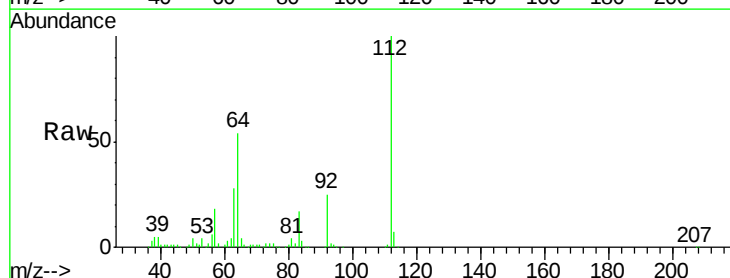
Abundance

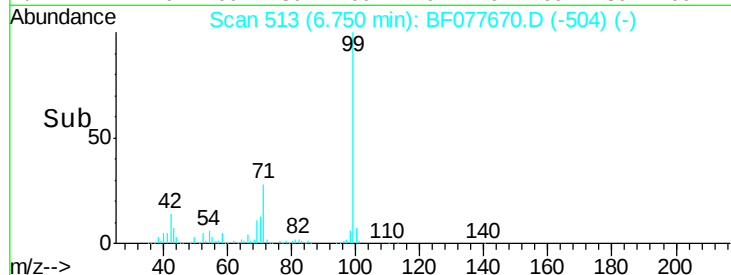
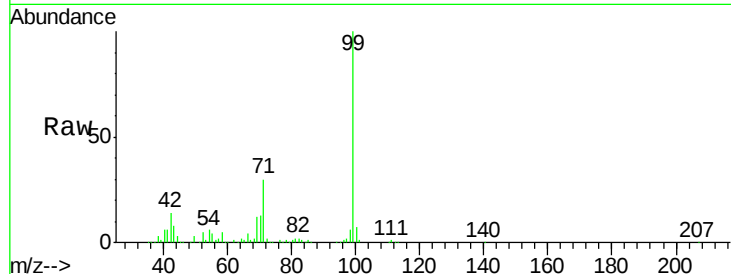
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





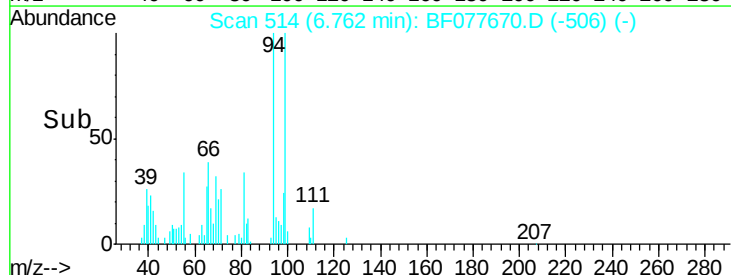
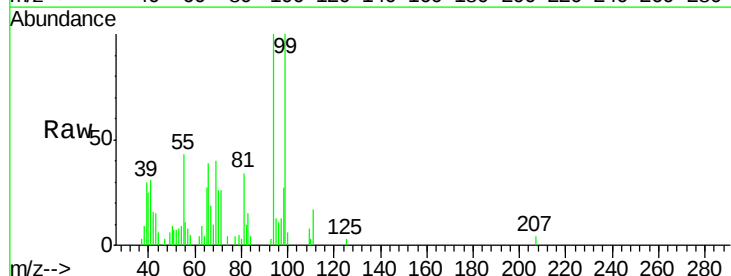
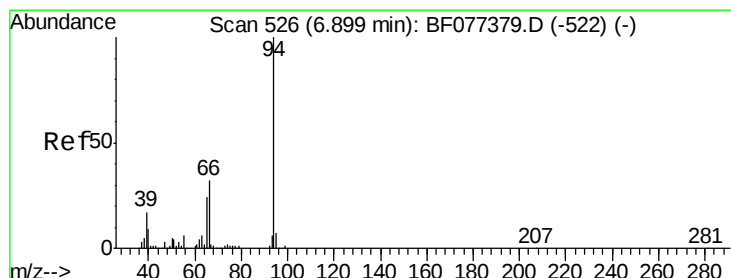
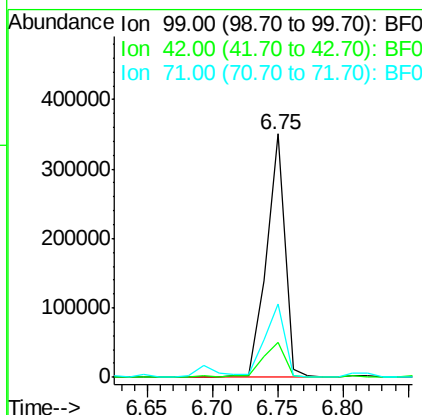
#7
Phenol-d6
Concen: 90.69 ng
RT: 6.75 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF077670.D
Acq: 10 Mar 2015 19:35

Tot Ion	Ratio	Resp	Lower	Upper
99	100	351324		
42	14.4	16.2	24.4#	
71	29.9	26.7	40.1	

Instrument :
BNA_F
ClientSampleId :
B2(8-9)

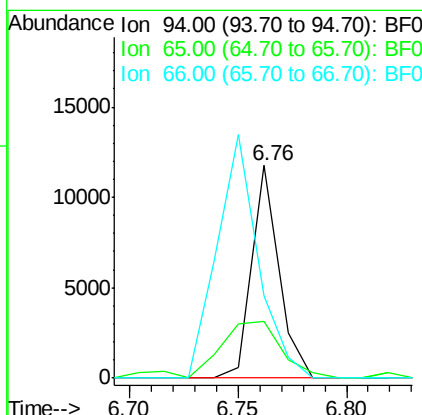
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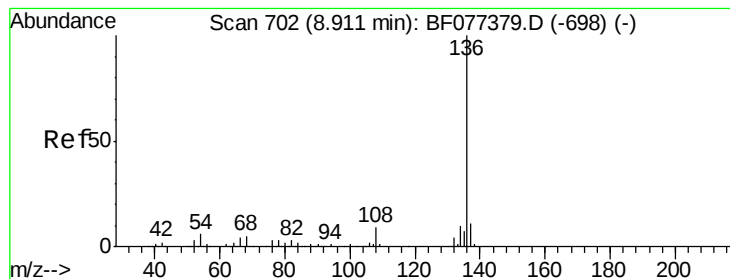
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#10
Phenol
Concen: 2.22 ng
RT: 6.76 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF077670.D
Acq: 10 Mar 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	10211		
65	26.8	5.7	45.7	
66	38.9	13.6	53.6	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF077670.D

Acq: 10 Mar 2015 19:35

Instrument :

BNA_F

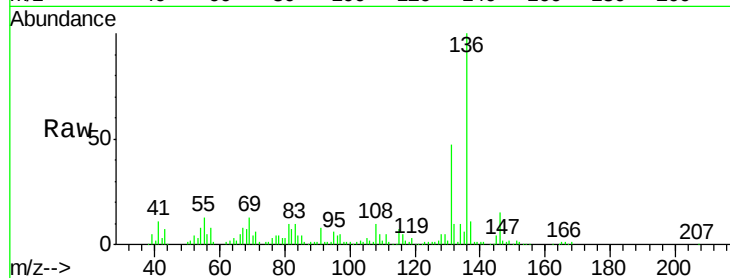
ClientSampleId :

B2(8-9)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	183788		
137	11.0	8.6	13.0	
54	7.7	6.2	9.4	
68	7.0	5.0	7.6	

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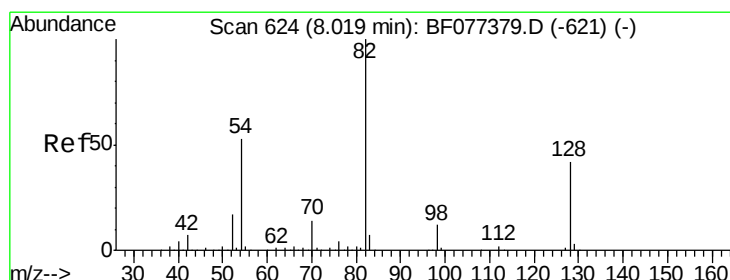
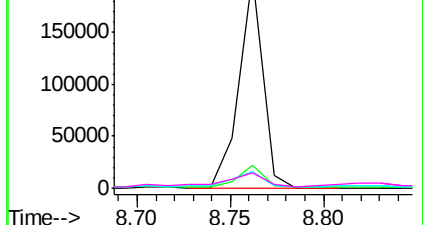
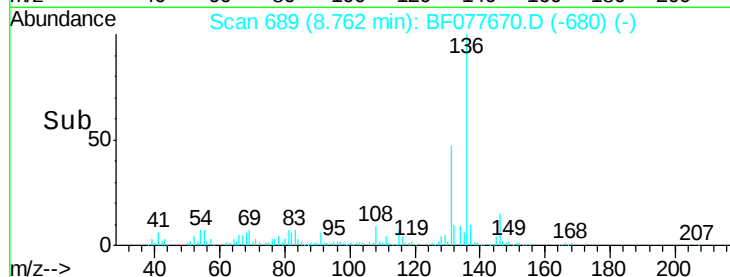


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.57 ng

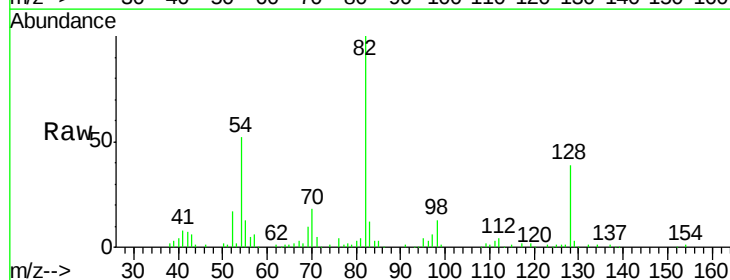
RT: 7.87 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF077670.D

Acq: 10 Mar 2015 19:35

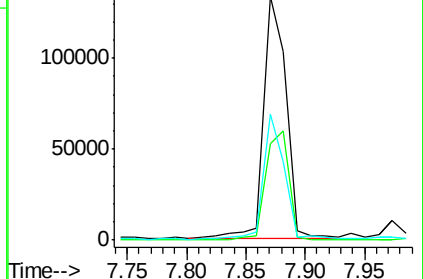
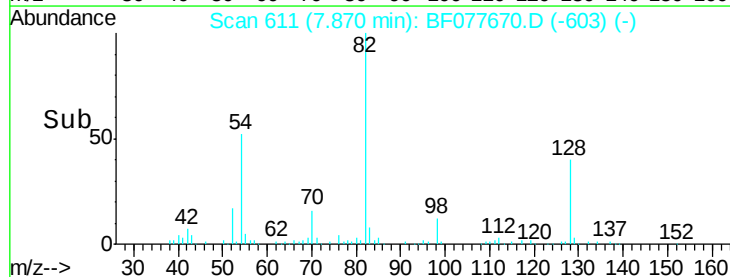
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	176065		
128	39.3	43.8	65.8#	
54	51.9	36.7	55.1	

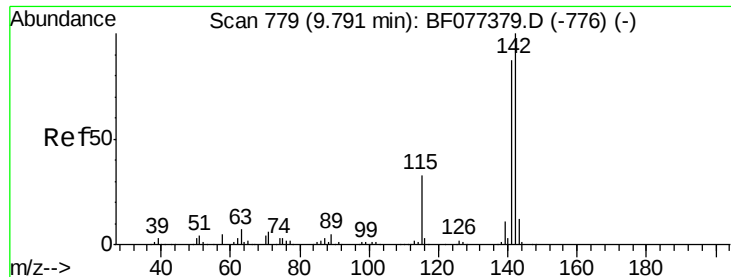


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





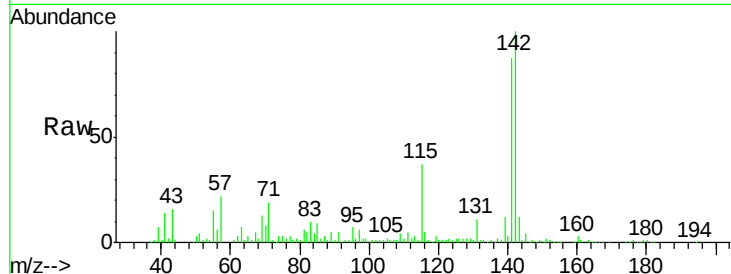
#37
2-Methylnaphthalene
Concen: 35.48 ng
RT: 9.65 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF077670.D
Acq: 10 Mar 2015 19:35

Instrument :
BNA_F
ClientSampled :
B2(8-9)

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.7	106.1
115	36.5	24.2	36.4

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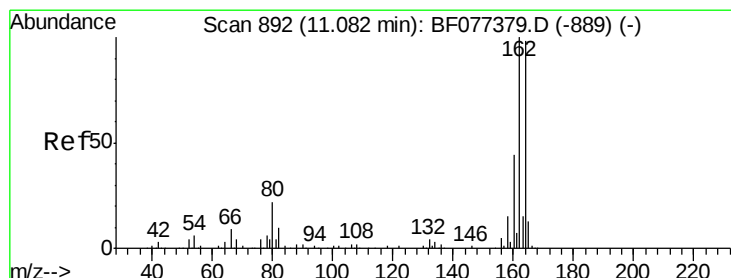
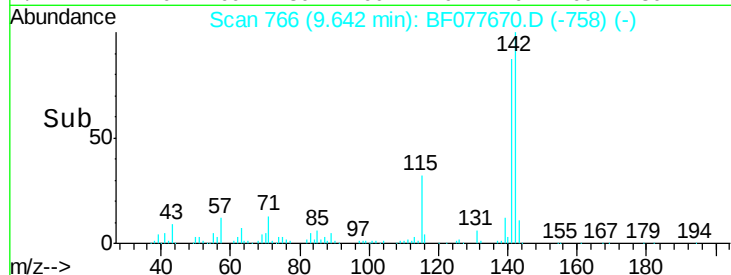
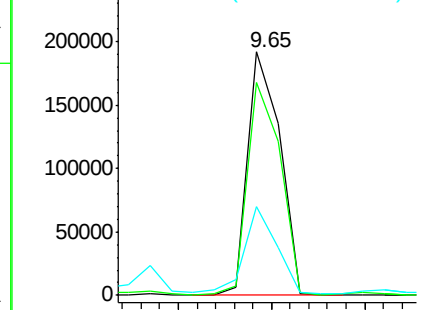


Abundance

Ion 142.00 (141.70 to 142.70): E

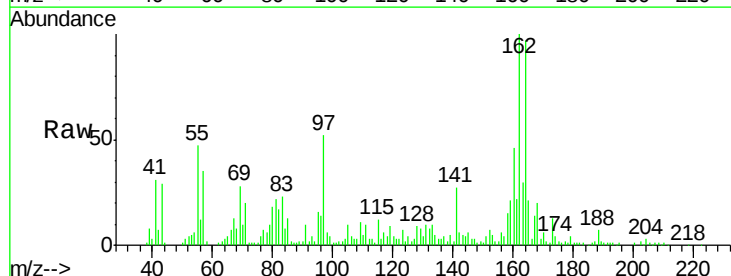
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF077670.D
Acq: 10 Mar 2015 19:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.2	124.8
160	47.4	34.6	52.0

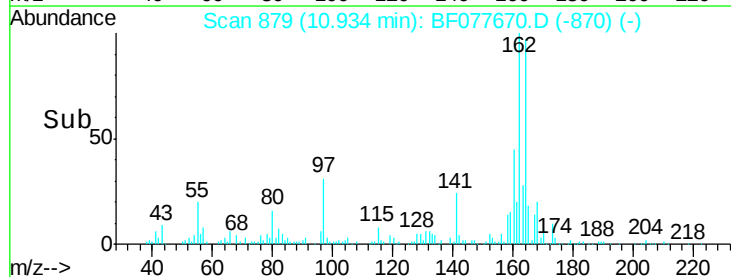
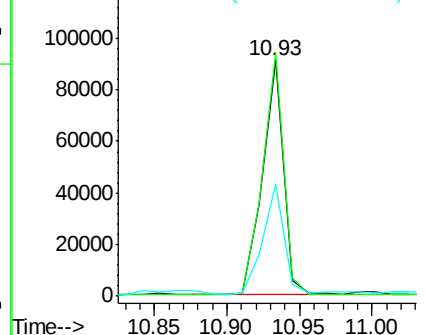


Abundance

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





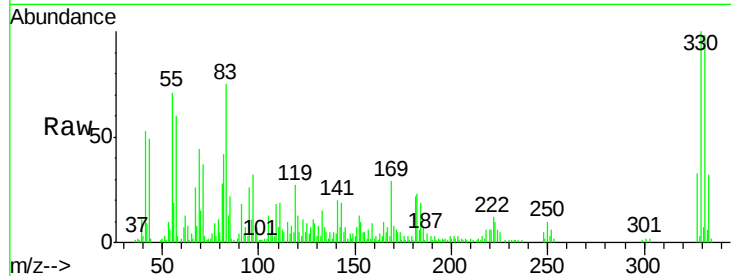
#41
 2,4,6-Tribromophenol
 Concen: 84.38 ng
 RT: 11.91 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077670.D
 Acq: 10 Mar 2015 19:35

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)

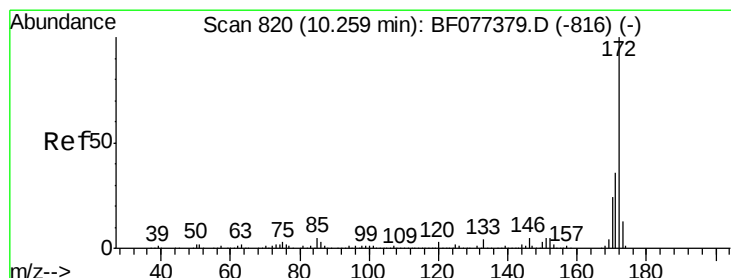
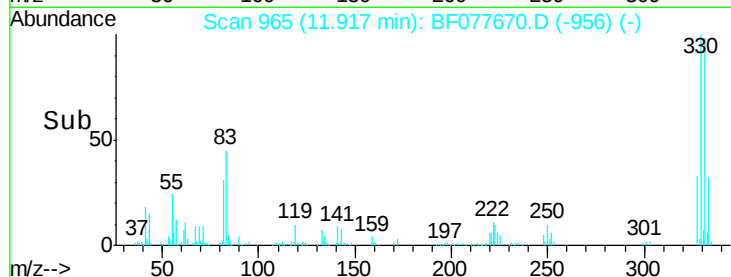
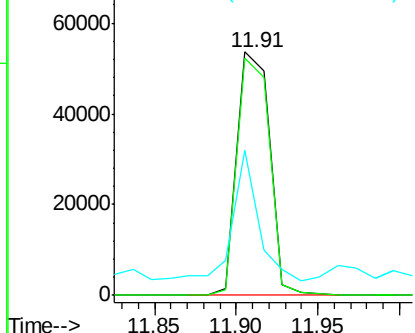
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	42.4	28.8	43.2

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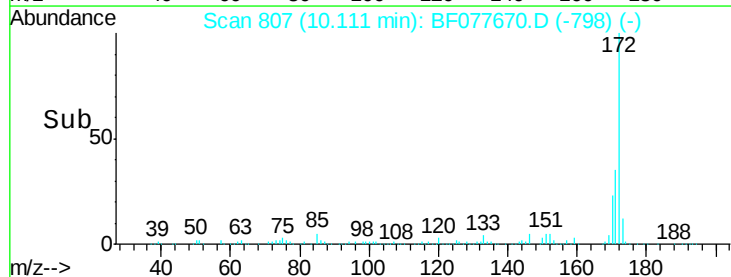
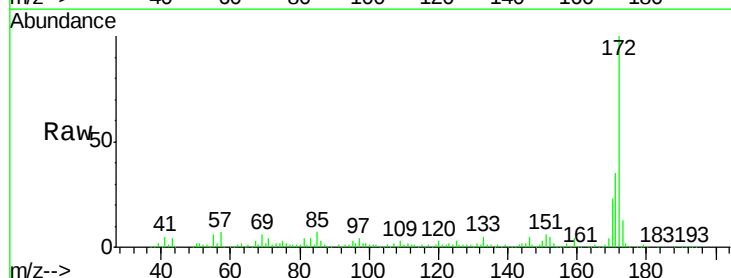
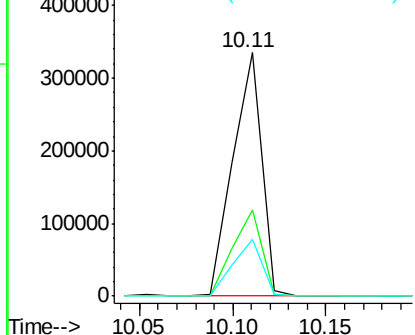
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

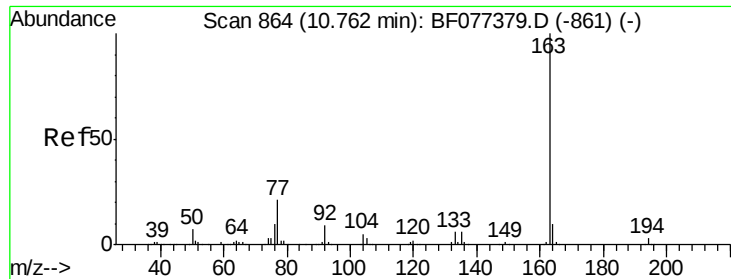


#44
 2-Fluorobiphenyl
 Concen: 62.23 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077670.D
 Acq: 10 Mar 2015 19:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.9	43.3
170	23.3	19.4	29.2

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





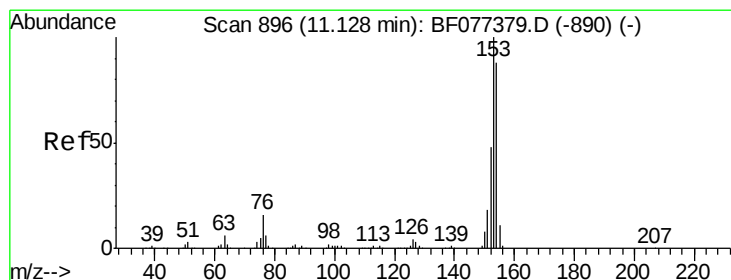
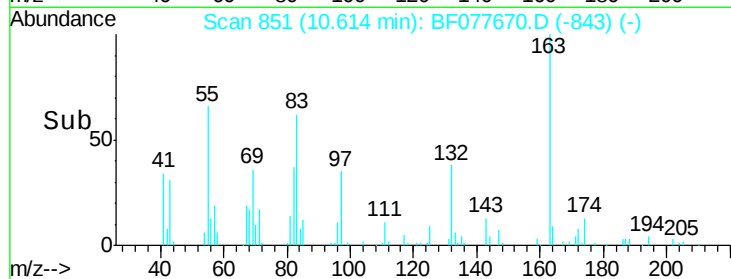
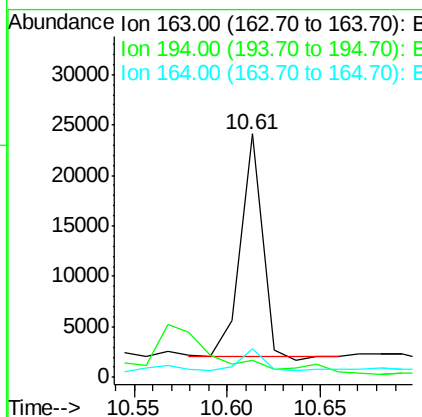
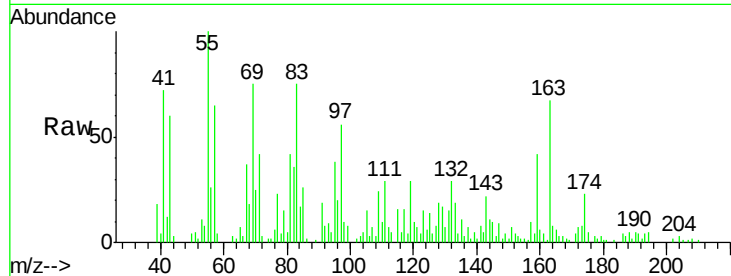
#49
Dimethylphthalate
Concen: 2.81 ng
RT: 10.61 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF077670.D
Acq: 10 Mar 2015 19:35

Instrument :
BNA_F
ClientSampleId :
B2(8-9)

Tot Ion	Ratio	Lower	Upper
163	100		
194	7.2	2.6	4.0#
164	11.8	8.6	13.0

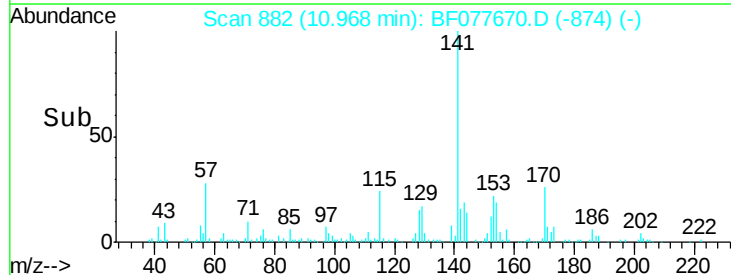
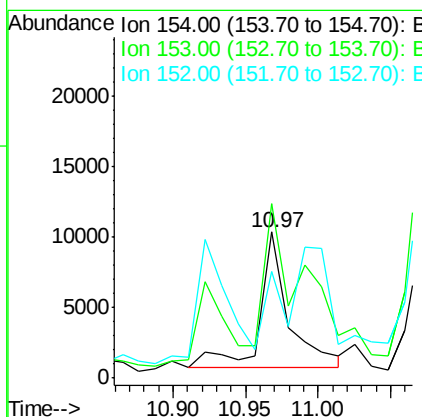
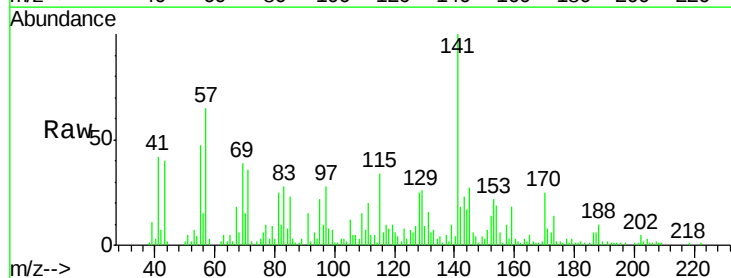
Manual Integrations
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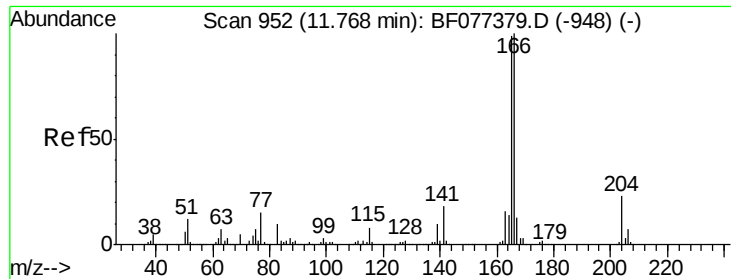
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#51
Acenaphthene
Concen: 2.57 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077670.D
Acq: 10 Mar 2015 19:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.7	90.5	135.7
152	72.7	43.5	65.3#





#57

Fluorene

Concen: 7.84 ng

RT: 11.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF077670.D

Acq: 10 Mar 2015 19:35

Instrument :

BNA_F

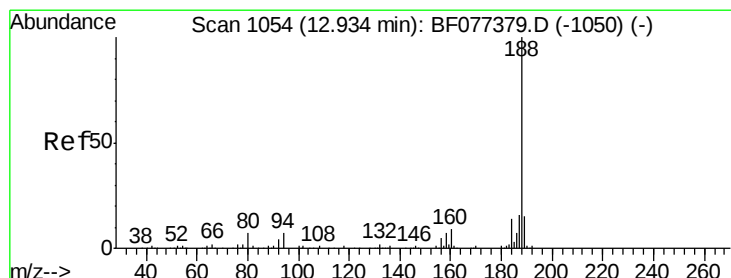
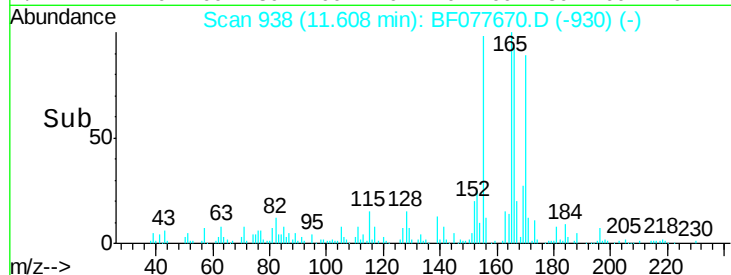
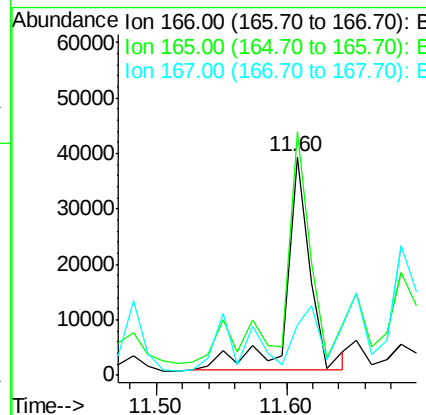
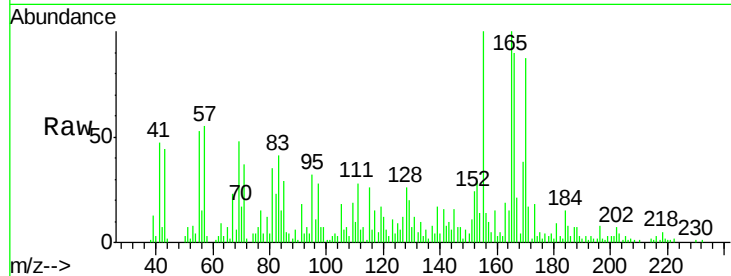
ClientSampleId :

B2(8-9)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	111.4	77.6	116.4		
167	22.9	10.6	16.0		

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng

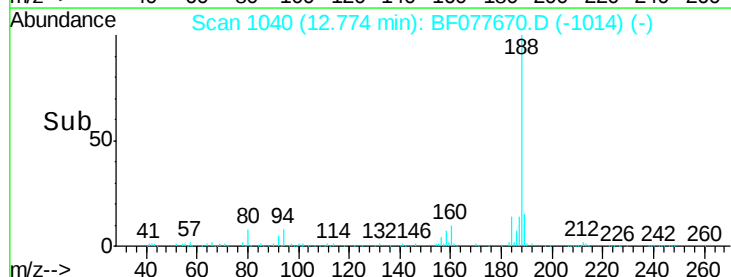
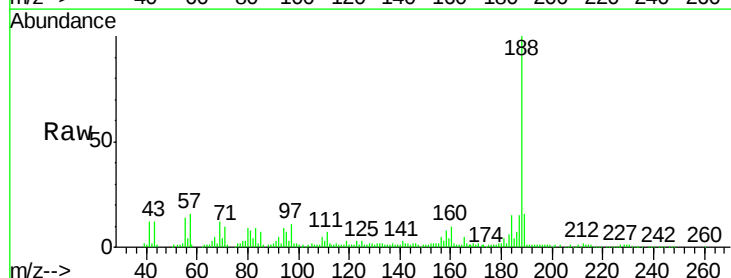
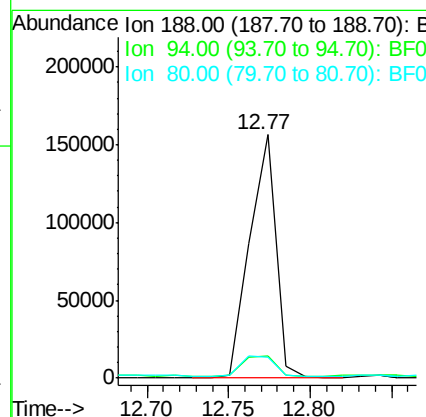
RT: 12.77 min Scan# 1040

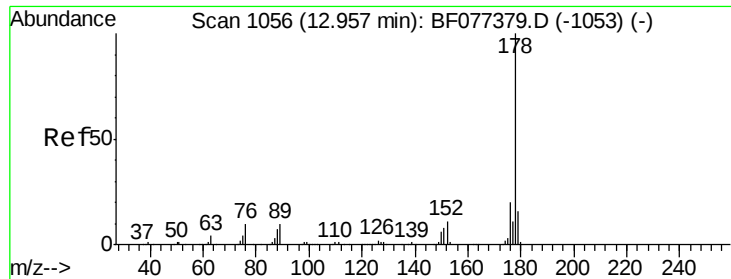
Delta R.T. -0.00 min

Lab File: BF077670.D

Acq: 10 Mar 2015 19:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9	7.4	11.2		
80	8.6	8.0	12.0		





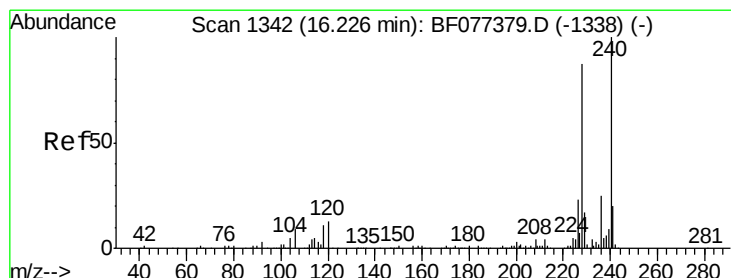
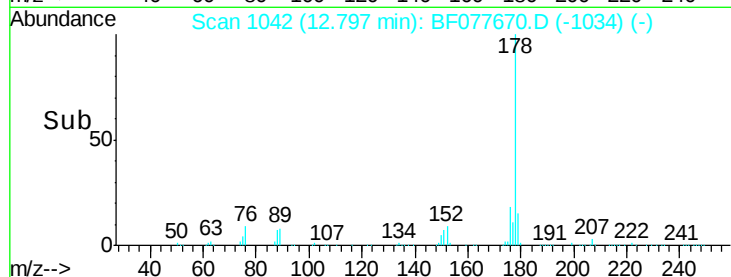
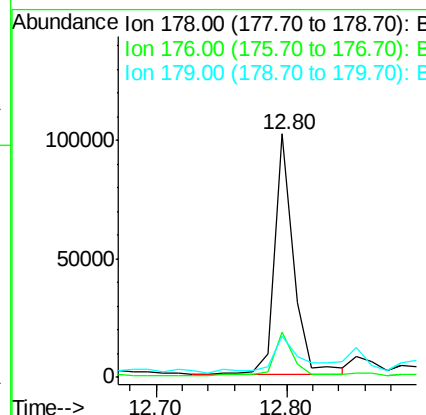
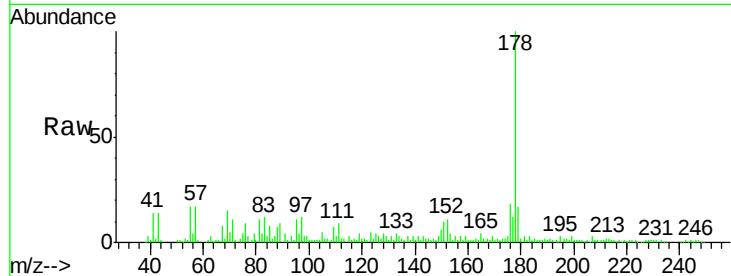
#70
 Phenanthrene
 Concen: 10.38 ng
 RT: 12.80 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF077670.D
 Acq: 10 Mar 2015 19:35

Instrument :
 BNA_F
 ClientSampled :
 B2(8-9)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	17.2	12.2	18.2

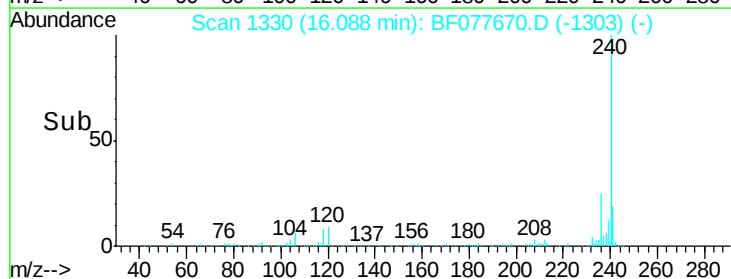
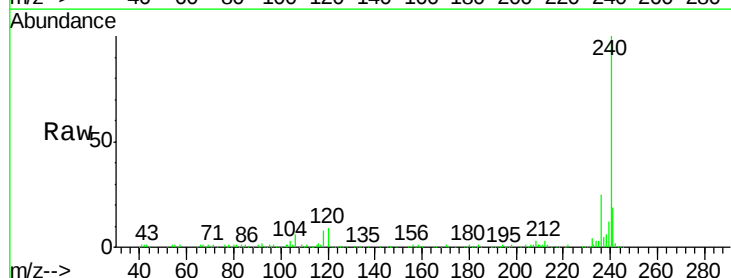
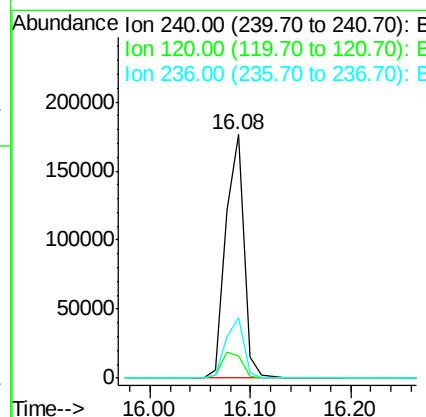
Manual Integrations
 APPROVED

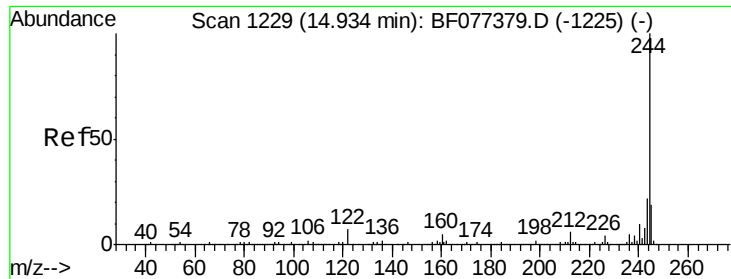
mohammad
 3/12/2015 2:21:54 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF077670.D
 Acq: 10 Mar 2015 19:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.8	13.2
236	25.1	20.7	31.1





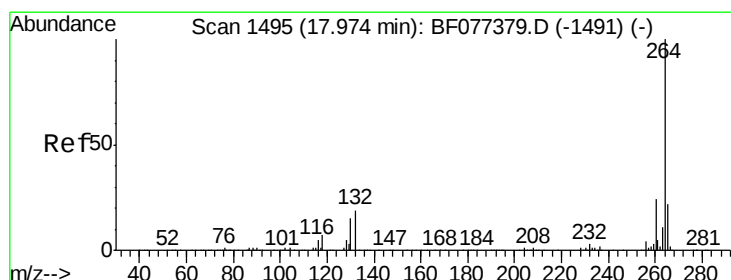
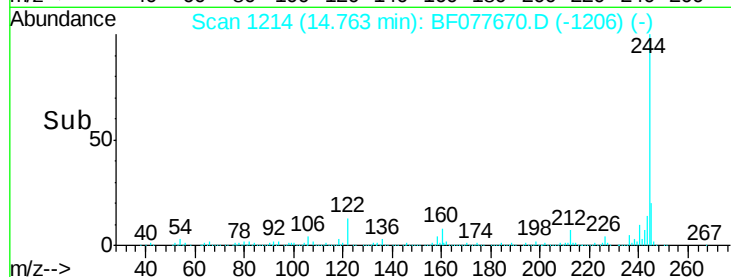
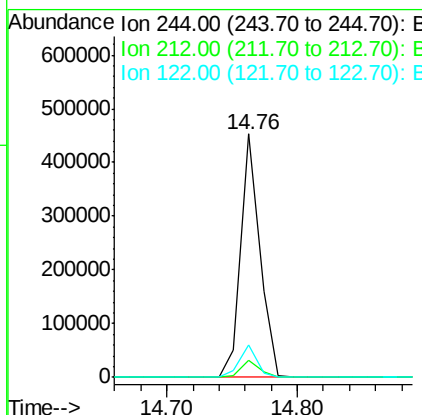
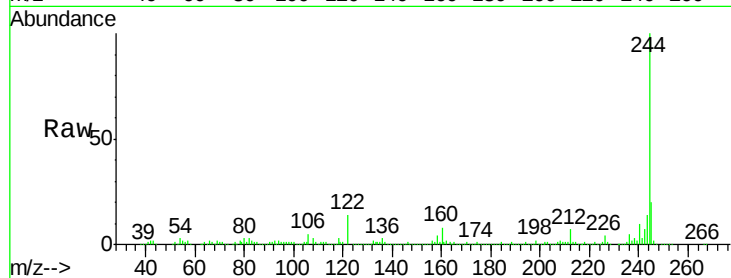
#78
 Terphenyl-d14
 Concen: 48.48 ng
 RT: 14.76 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF077670.D
 Acq: 10 Mar 2015 19:35

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	13.5	7.8	11.8

Manual Integrations
 APPROVED

mohammad
 3/12/2015 2:21:54 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.94 min Scan# 1492
 Delta R.T. 0.03 min
 Lab File: BF077670.D
 Acq: 10 Mar 2015 19:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	20.8	16.8	25.2

