

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081460.D
 Acq On : 5 Sep 2015 12:44
 Operator : UM/IZ
 Sample : G3511-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(0-0.16)

Manual Integrations
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 9/8/2015 1:57:29 PM

Quant Time: Sep 07 03:05:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 02:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	54703	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	216205	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	96822	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	185757	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	137377	20.00	ng	-0.01
86) Perylene-d12	14.77	264	105183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	531337	150.70	ng	0.02
7) Phenol-d6	6.03	99	747244	160.11	ng	0.00
23) Nitrobenzene-d5	6.94	82	443694	99.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	128937	149.56	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	737737	97.64	ng	0.00
78) Terphenyl-d14	12.43	244	615683	104.33	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.13	163	163848	21.78	ng	# 97
74) Fluoranthene	12.05	202	26332	2.36	ng	87
77) Pyrene	12.26	202	21992m	2.16	ng	
80) Benzo(a)anthracene	13.45	228	18121	2.07	ng	98
82) Chrysene	13.47	228	16347m	2.08	ng	
87) Benzo(b)fluoranthene	14.43	252	24425m	3.25	ng	
89) Benzo(a)pyrene	14.72	252	13905	2.19	ng	# 83
91) Benzo(g,h,i)perylene	16.15	276	10830	2.31	ng	# 74

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

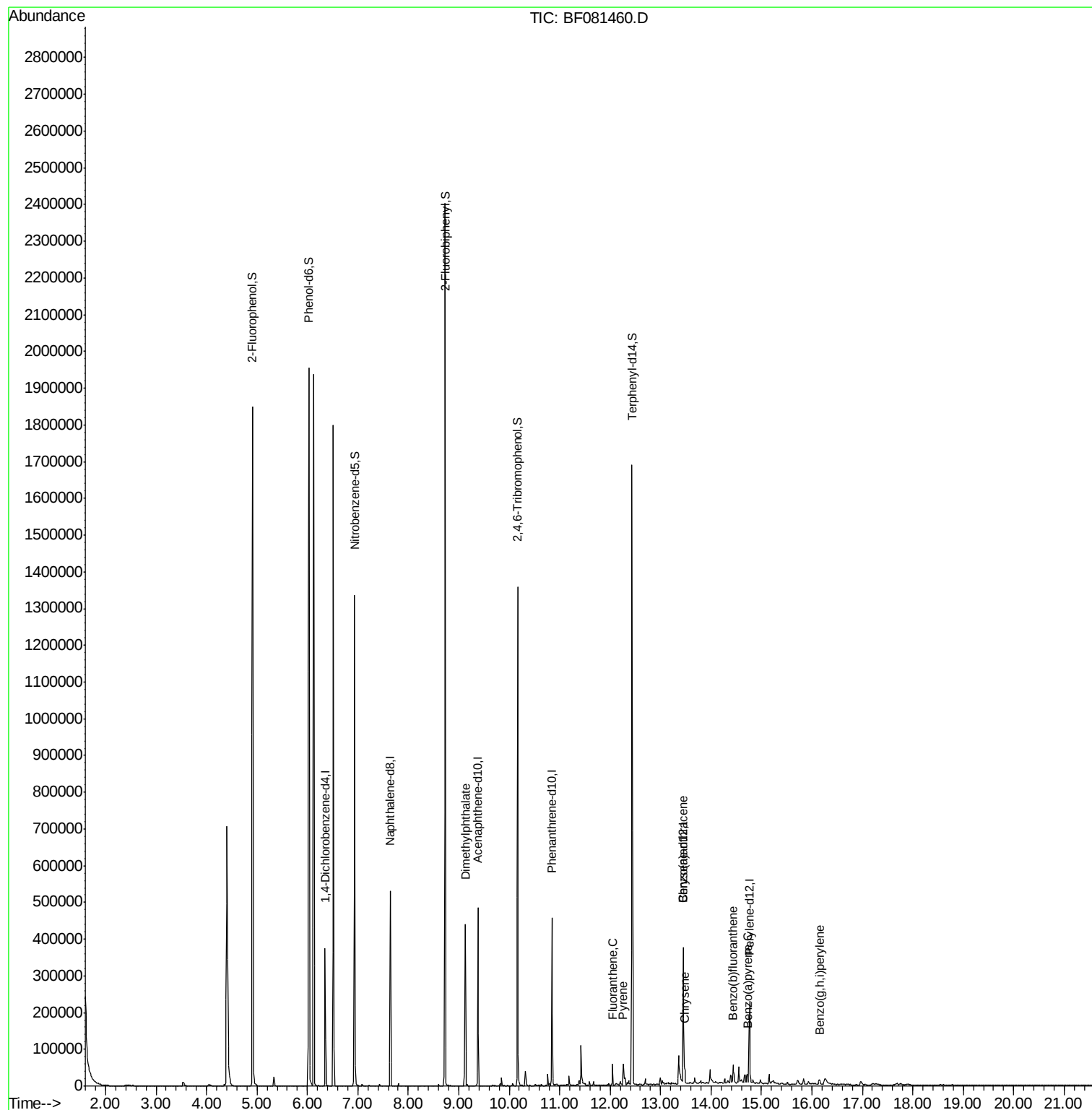
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
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SB-07(0-0.16)

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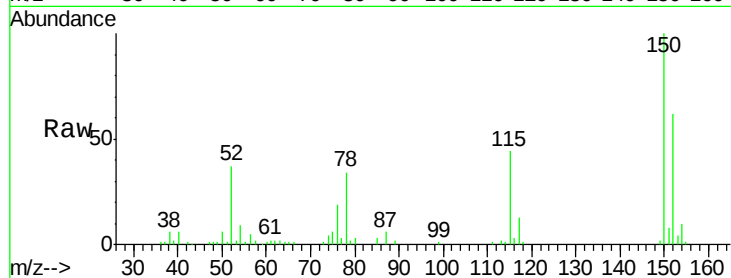




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

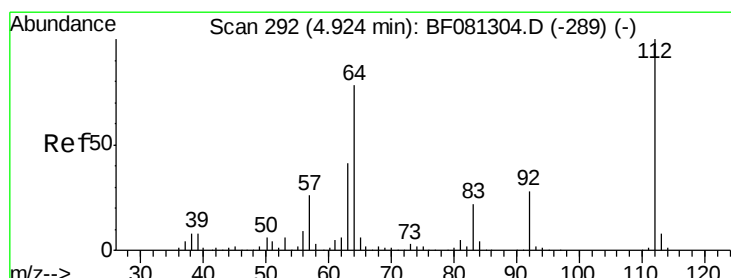
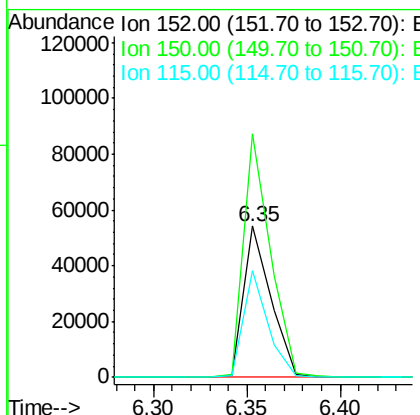
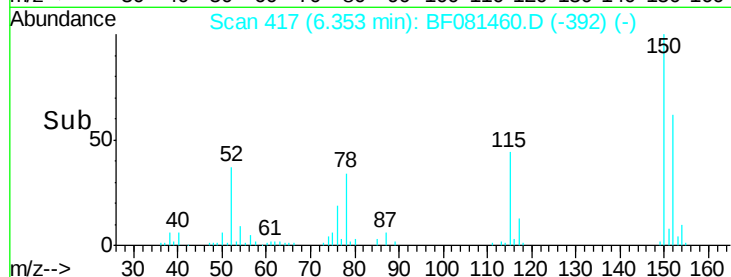
Instrument :
BNA_F
ClientSampleId :
SB-07(0-0.16)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.7	187.1
115	70.6	39.0	58.4#

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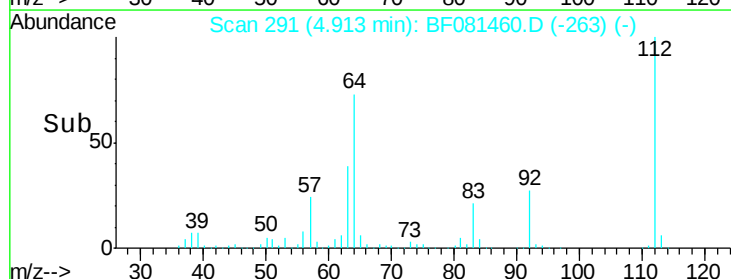
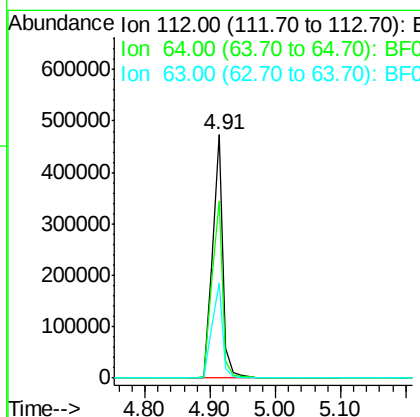
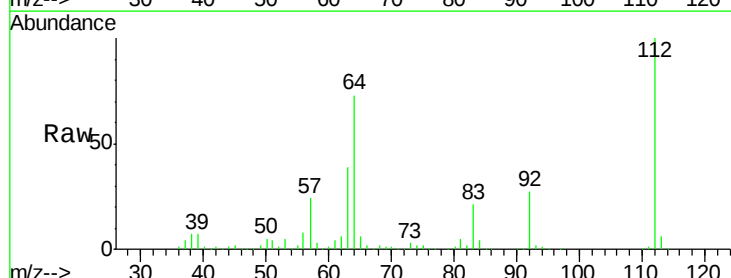
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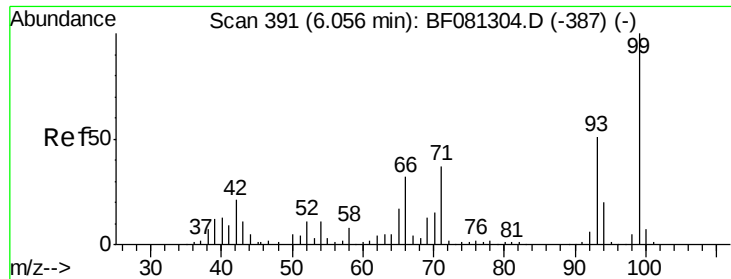


#5

2-Fluorophenol
Concen: 150.70 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	39.7	59.5#
63	38.9	17.4	26.0#





#7

Phenol-d6

Concen: 160.11 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081460.D

Acq: 5 Sep 2015 12:44

Instrument :

BNA_F

ClientSampleId :

SB-07(0-0.16)

Tgt Ion: 99 Resp: 747244

Ion Ratio Lower Upper

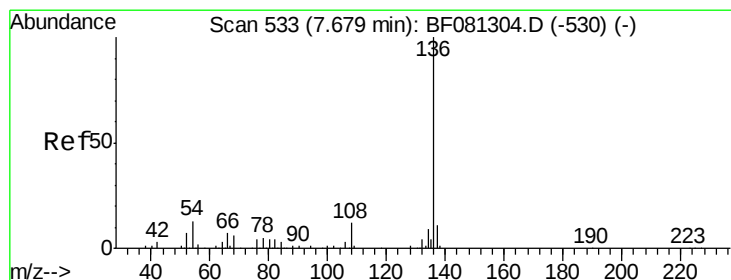
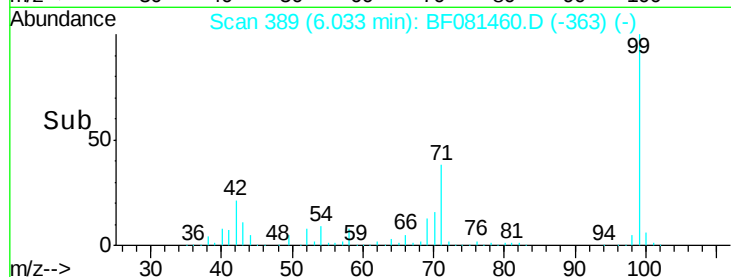
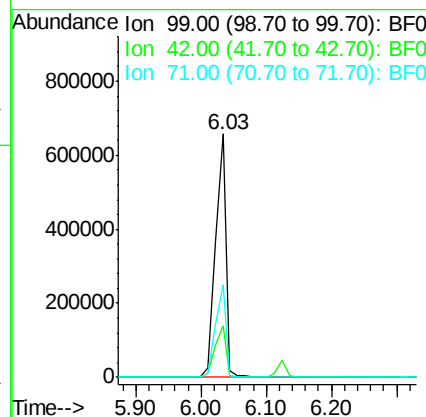
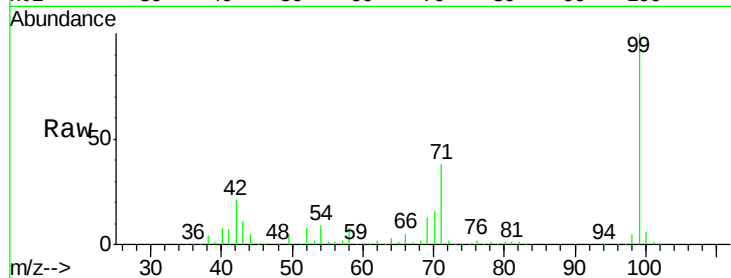
99 100

42 21.1 13.7 20.5#

71 37.8 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081460.D

Acq: 5 Sep 2015 12:44

Tgt Ion: 136 Resp: 216205

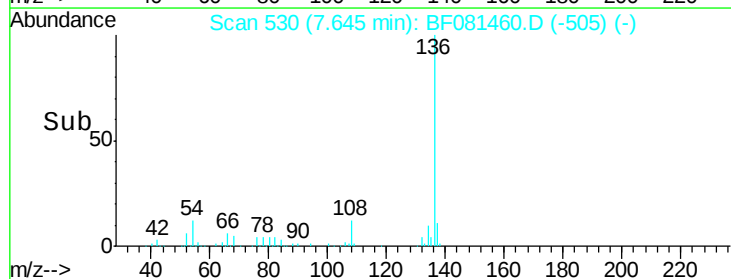
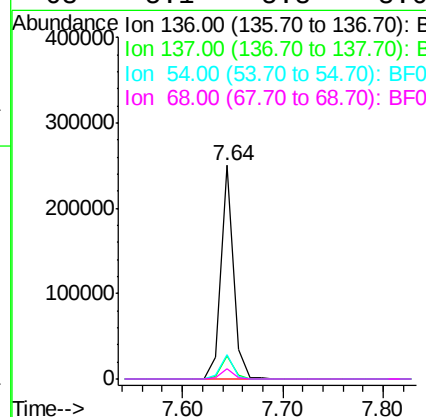
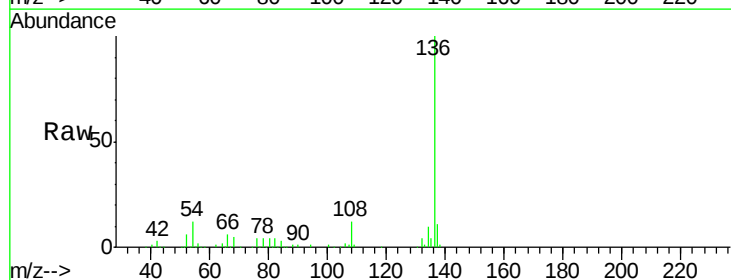
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 11.6 8.2 12.2

68 5.1 5.8 8.6#





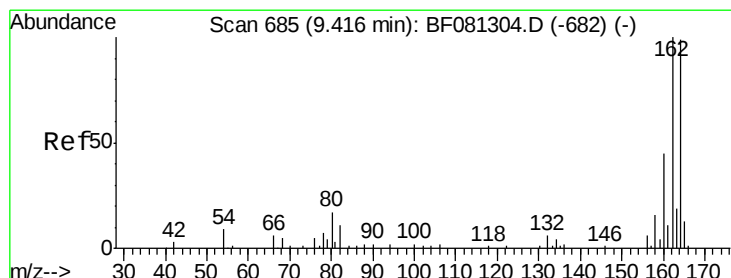
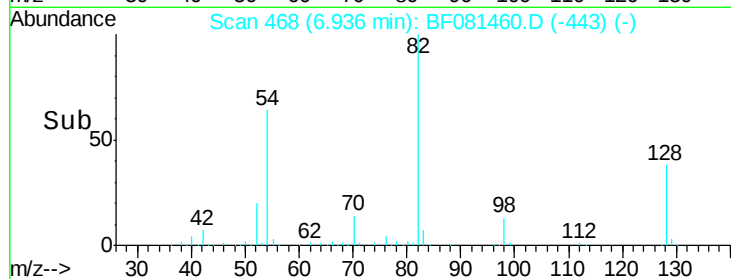
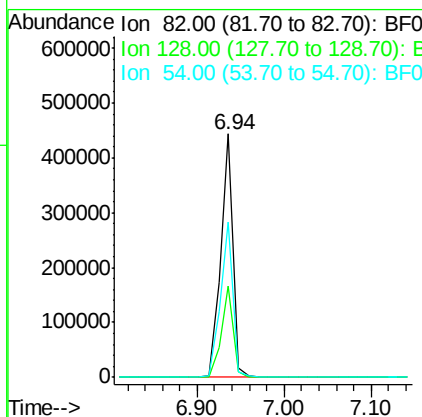
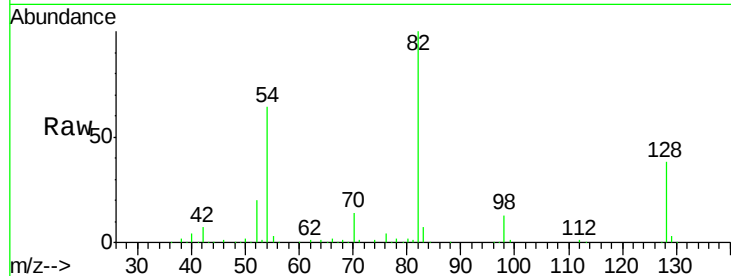
#23
Nitrobenzene-d5
Concen: 99.01 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-07(0-0.16)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	51.0	76.6#
54	63.9	47.5	71.3

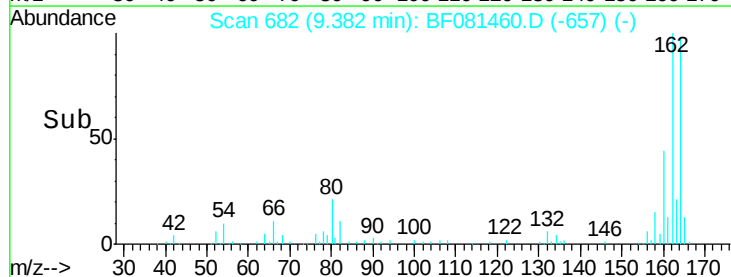
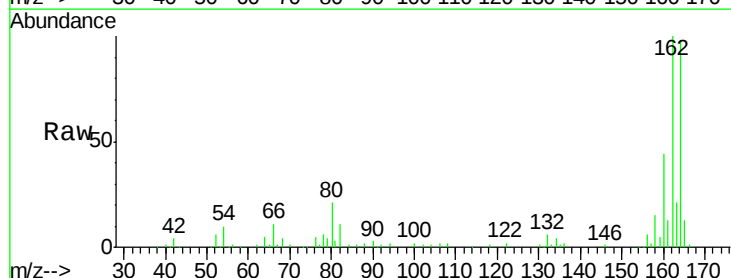
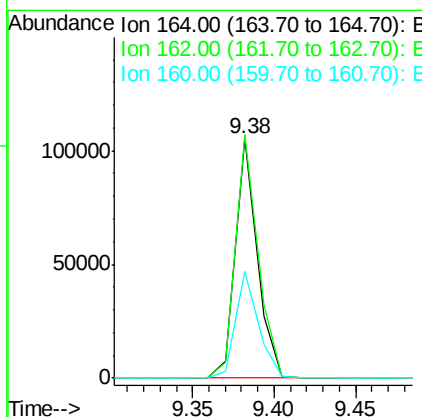
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

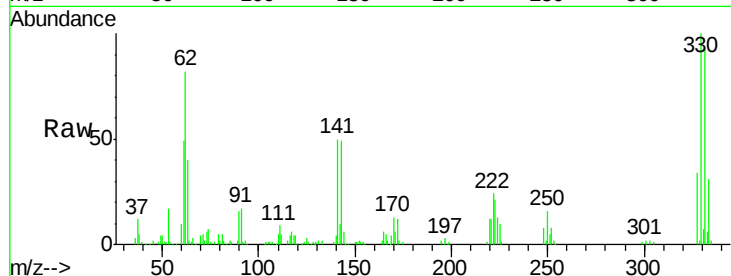
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	75.2	112.8
160	44.6	31.5	47.3





#41
 2,4,6-Tribromophenol
 Concen: 149.56 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081460.D
 Acq: 5 Sep 2015 12:44

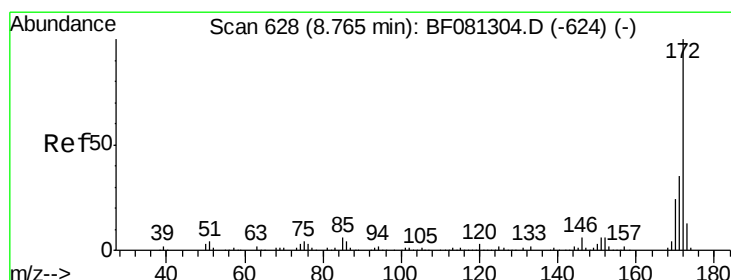
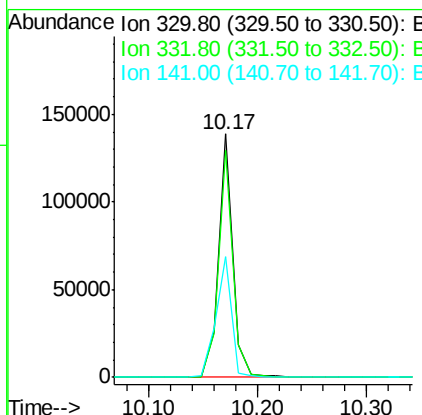
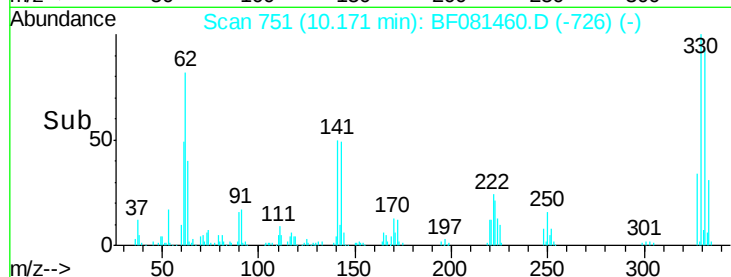
Instrument :
 BNA_F
 ClientSampleId :
 SB-07(0-0.16)



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	128937		
332	94.4	76.6	114.8	
141	54.1	29.7	44.5#	

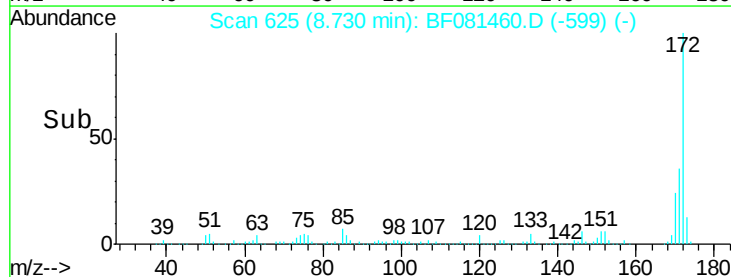
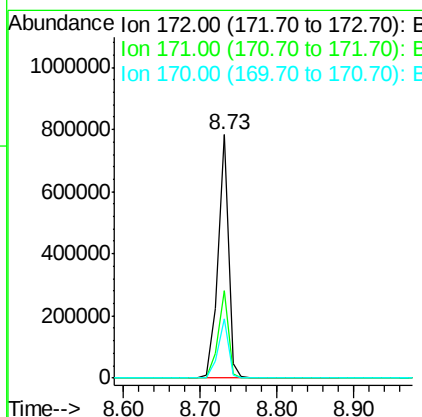
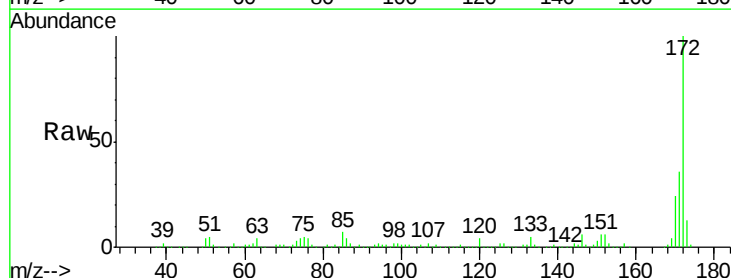
Manual Integrations
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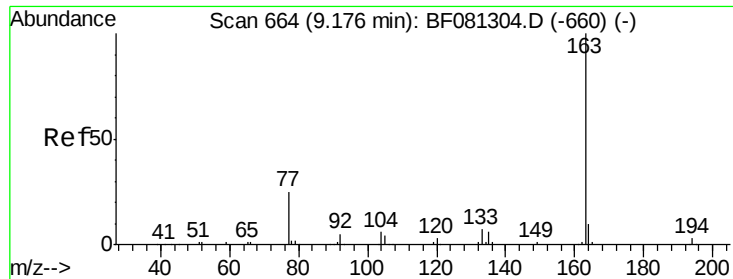
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#44
 2-Fluorobiphenyl
 Concen: 97.64 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081460.D
 Acq: 5 Sep 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	737737		
171	35.9	26.1	39.1	
170	24.3	17.4	26.2	





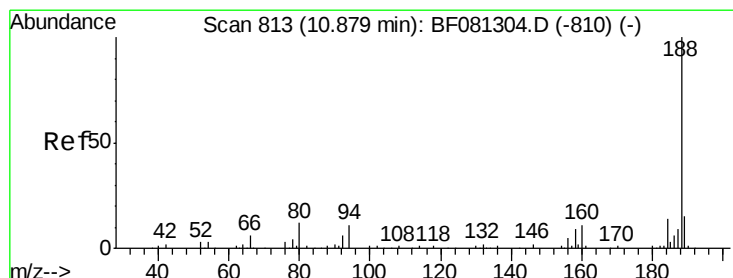
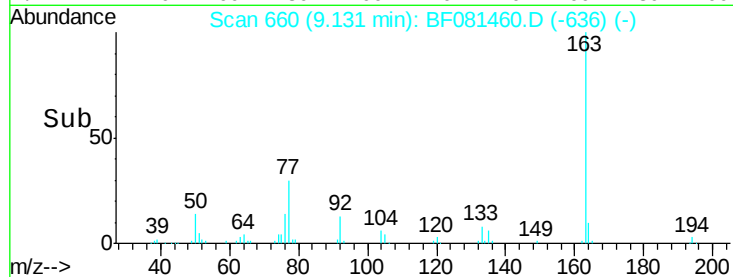
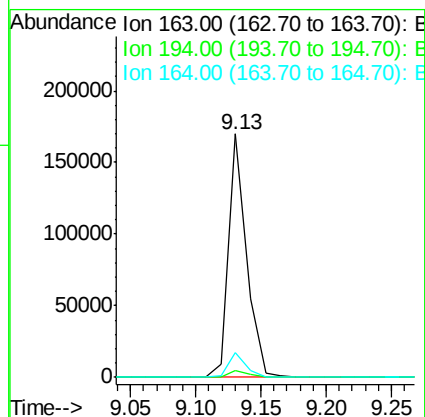
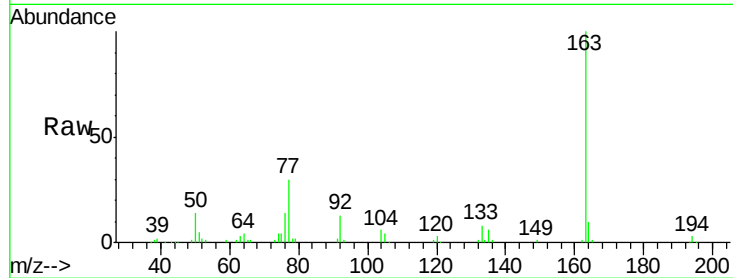
#49
Dimethylphthalate
Concen: 21.78 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-07(0-0.16)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	163848		
194	2.9	4.4	6.6#	
164	10.0	8.3	12.5	

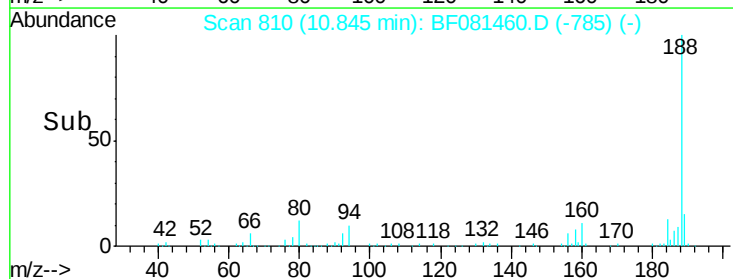
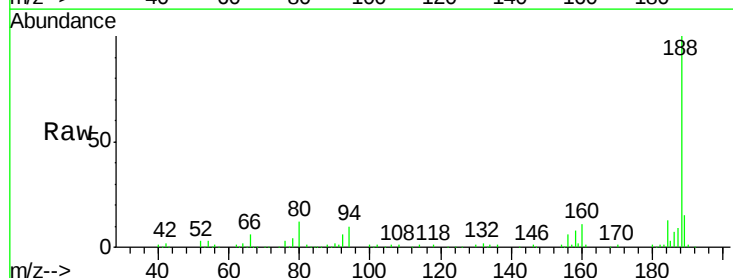
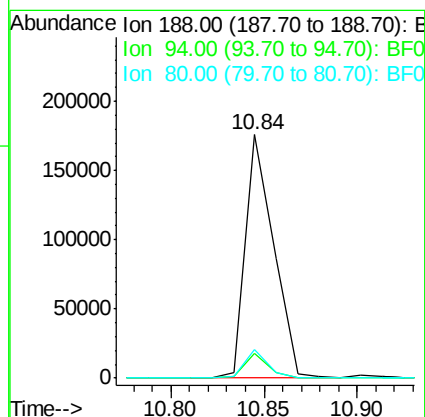
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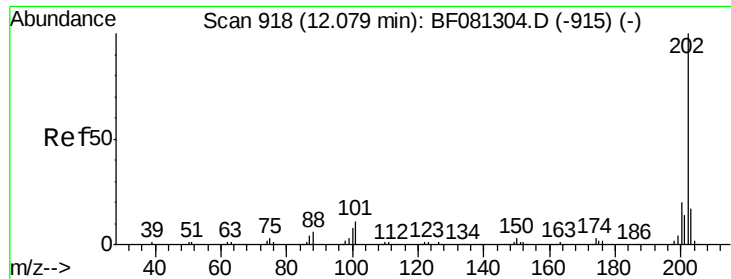
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	185757		
94	10.2	11.1	16.7#	
80	11.6	11.0	16.4	





#74

Fluoranthene

Concen: 2.36 ng

RT: 12.05 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF081460.D

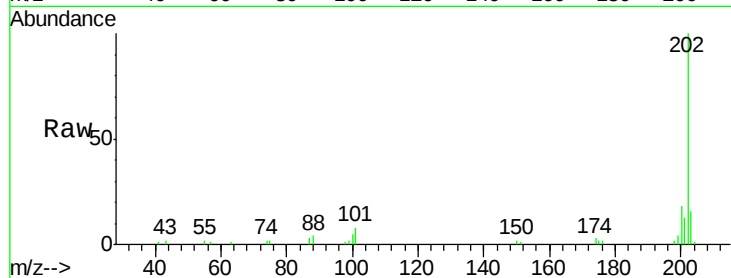
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Instrument :

BNA_F

ClientSampleId :

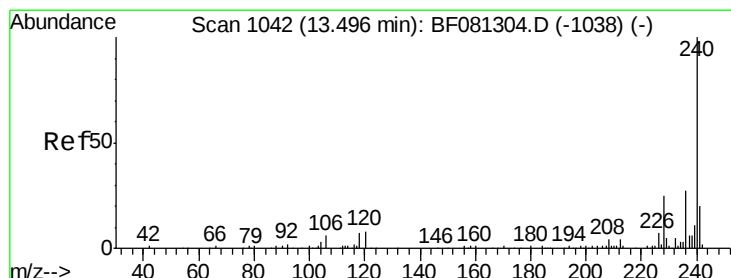
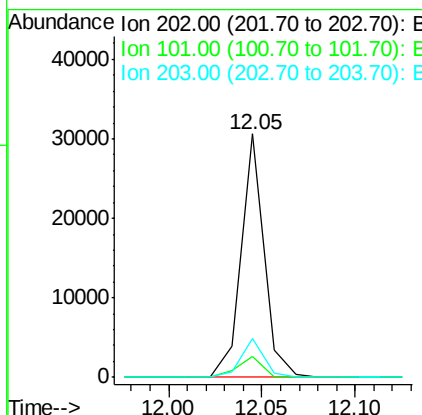
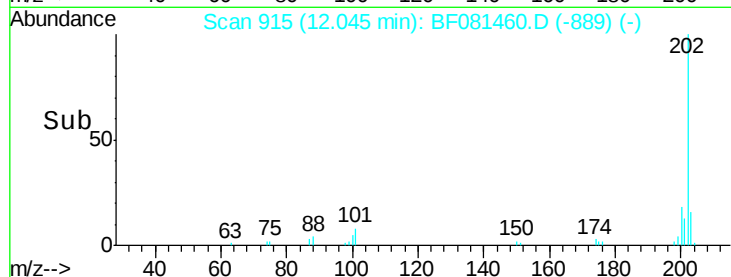
SB-07(0-0.16)



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	26332		
101	8.4	0.0	38.3	
203	16.1	0.0	37.3	

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#75

Chrysene-d12

Concen: 20.00 ng

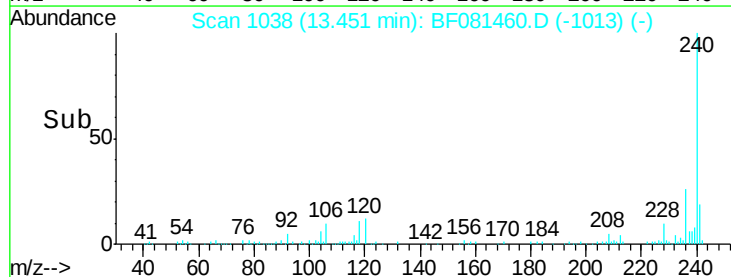
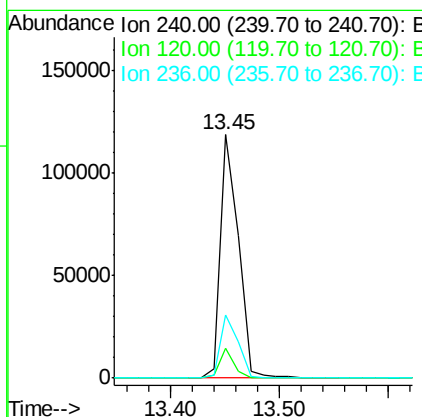
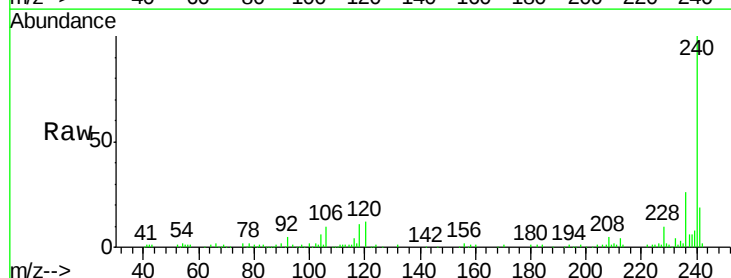
RT: 13.45 min Scan# 1038

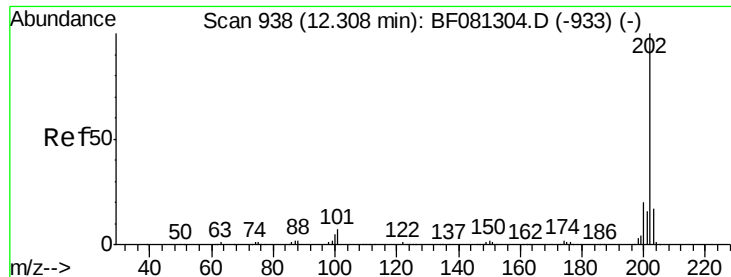
Delta R.T. -0.01 min

Lab File: BF081460.D

Acq: 5 Sep 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	137377		
120	12.5	16.2	24.2#	
236	25.9	18.4	27.6	





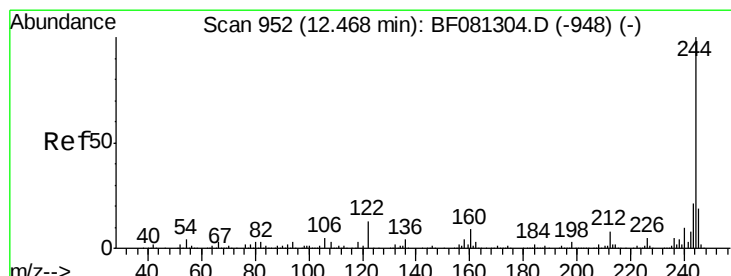
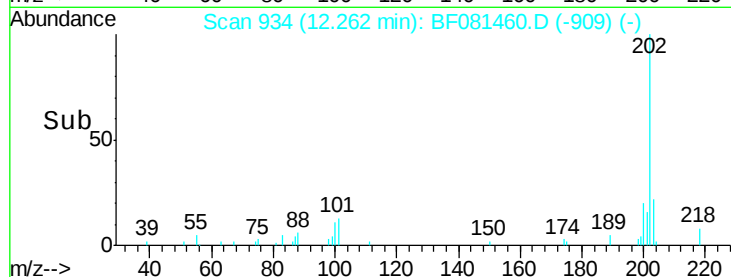
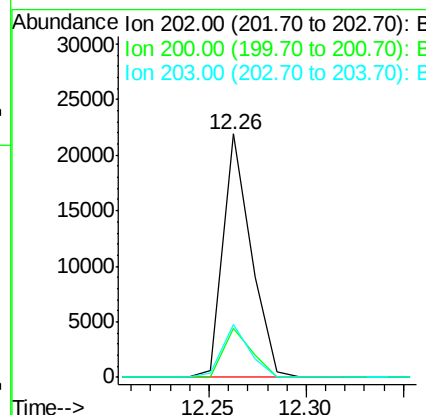
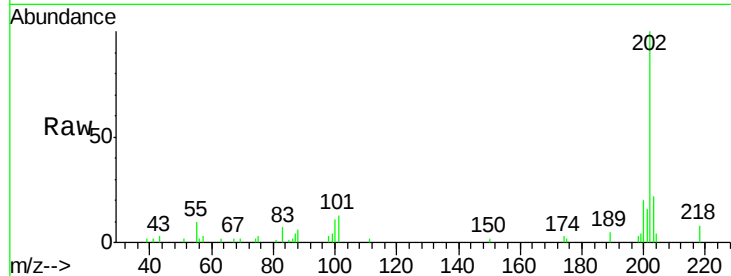
#77
 Pyrene
 Concen: 2.16 ng m
 RT: 12.26 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF081460.D
 Acq: 5 Sep 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(0-0.16)

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	15.0	22.4
203	21.7	14.1	21.1#

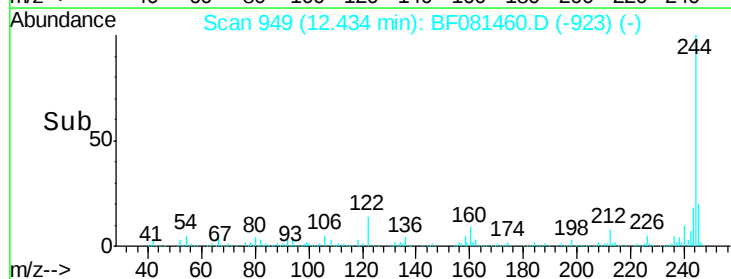
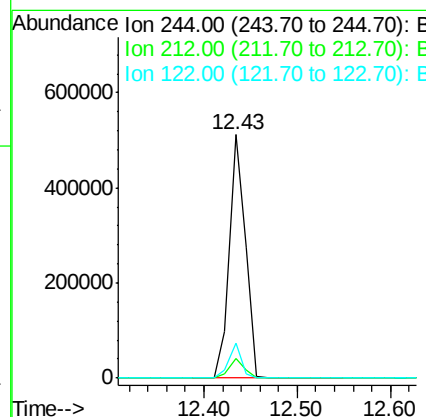
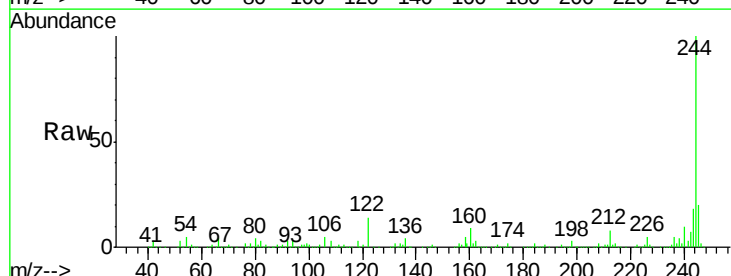
Manual Integrations
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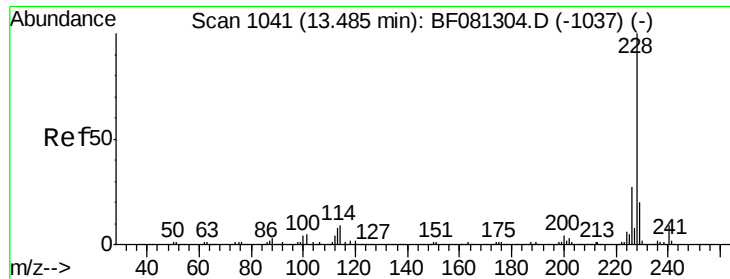
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#78
 Terphenyl-d14
 Concen: 104.33 ng
 RT: 12.43 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081460.D
 Acq: 5 Sep 2015 12:44

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.3	4.3	6.5#
122	14.1	17.4	26.2#





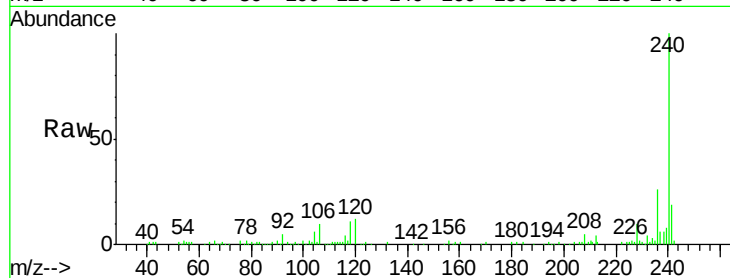
#80
Benzo(a)anthracene
Concen: 2.07 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-07(0-0.16)

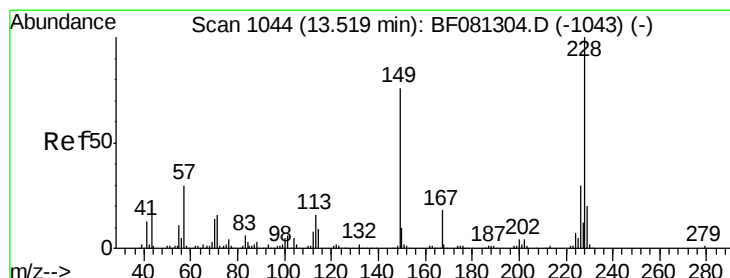
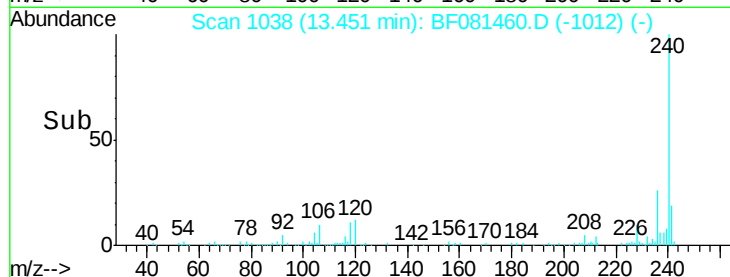
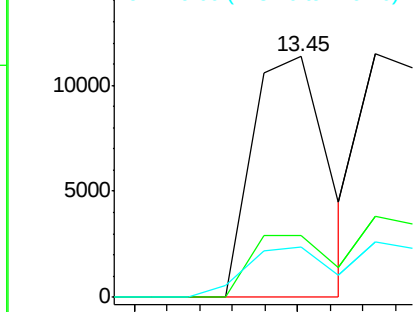
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	18121		
226	25.8	20.0	30.0	
229	20.8	15.4	23.2	

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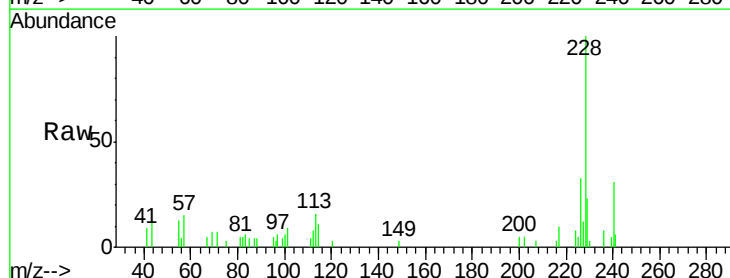


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

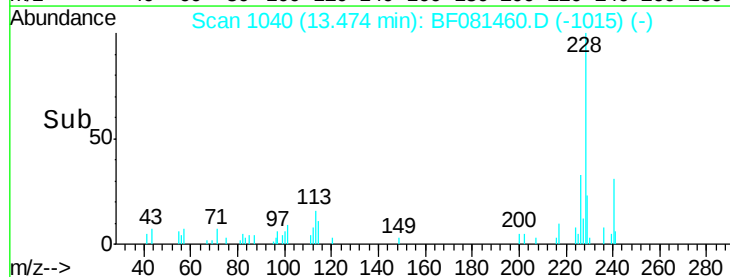
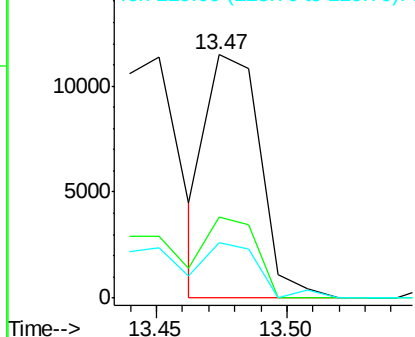


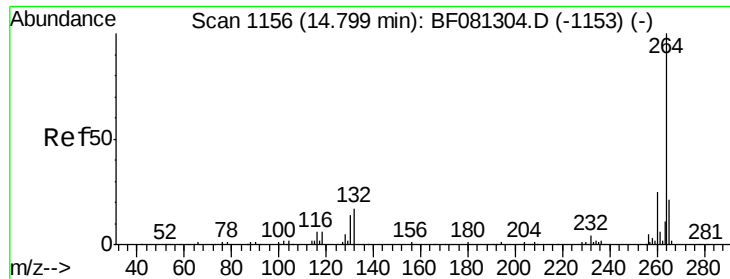
#82
Chrysene
Concen: 2.08 ng m
RT: 13.47 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	16347		
226	33.1	21.0	31.4#	
229	22.6	15.6	23.4	



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





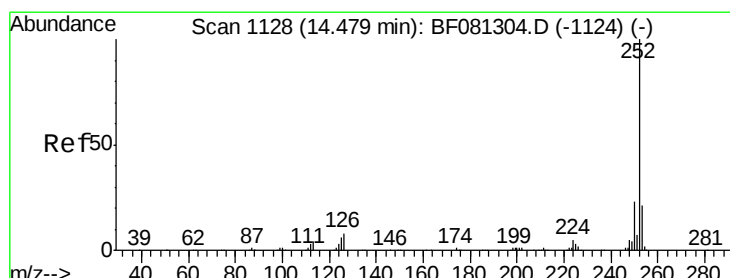
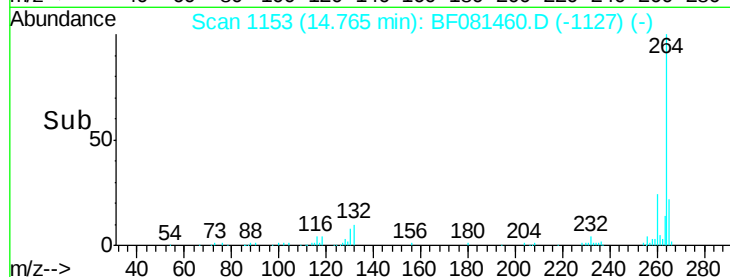
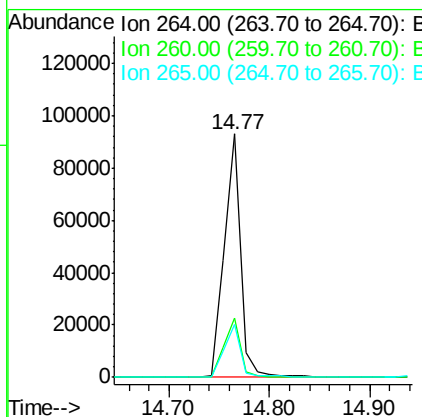
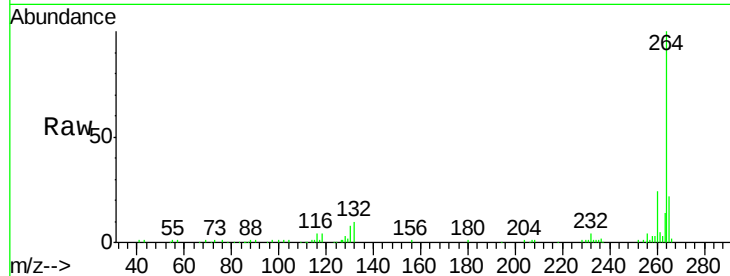
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-07(0-0.16)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.6	17.2	25.8

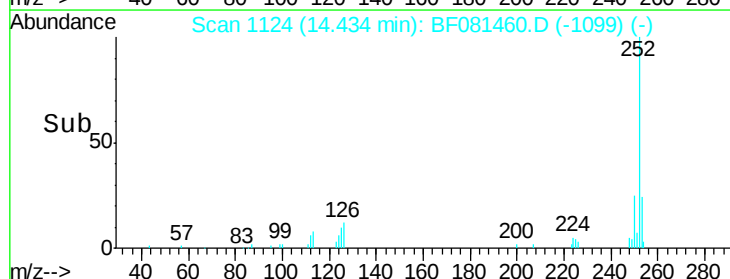
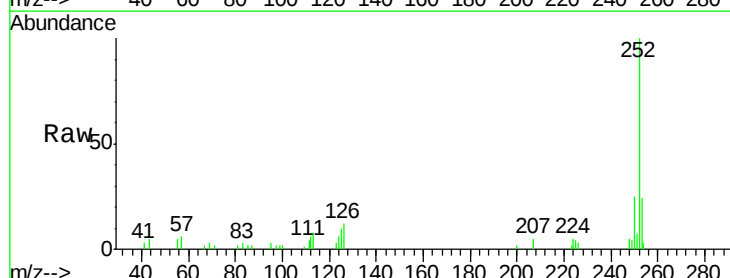
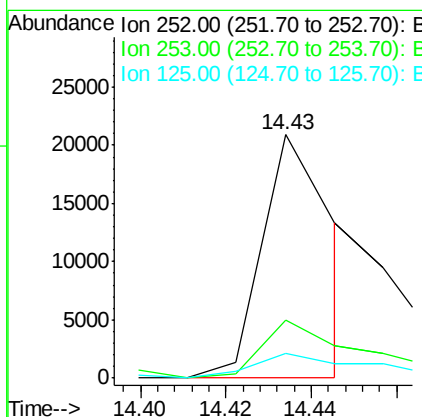
Manual Integrations
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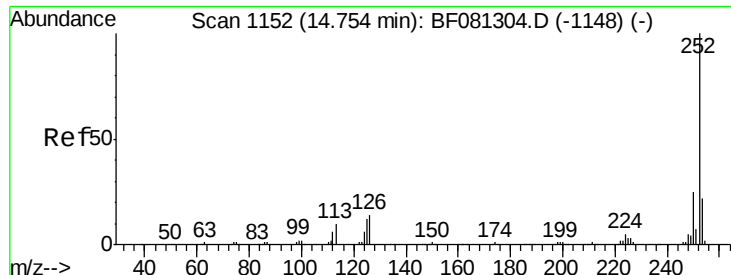
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#87
Benzo(b)fluoranthene
Concen: 3.25 ng m
RT: 14.43 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	10.3	17.1	25.7#





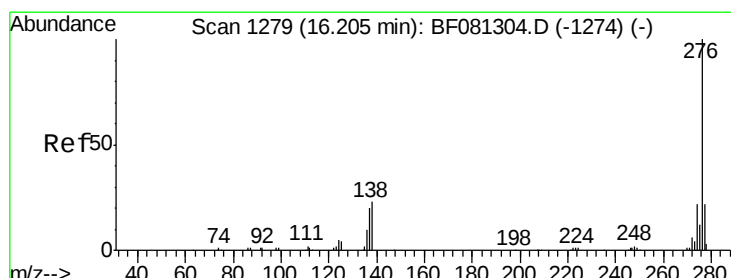
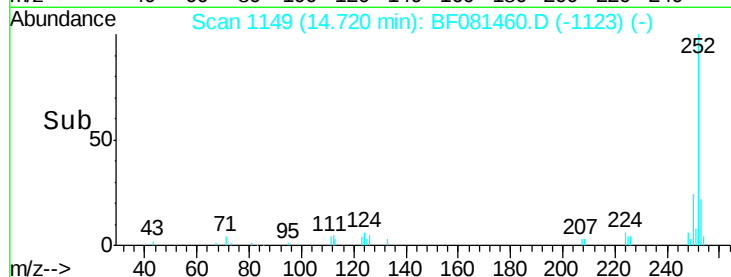
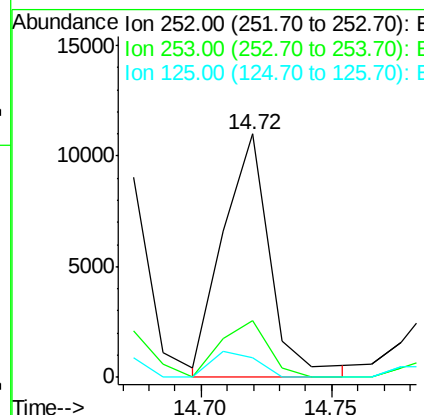
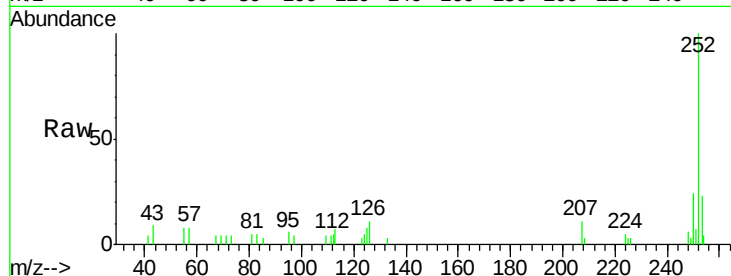
#89
Benzo(a)pyrene
Concen: 2.19 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-07(0-0.16)

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	13905		
253	23.3	17.2	25.8	
125	7.9	18.0	27.0	

Manual Integrations
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9/8/2015 1:57:29 PM



#91
Benzo(g,h,i)perylene
Concen: 2.31 ng
RT: 16.15 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF081460.D
Acq: 5 Sep 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	10830		
277	27.4	17.8	26.6	
138	21.1	34.6	51.8	

