

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
 Data File : BF081629.D
 Acq On : 15 Sep 2015 14:48
 Operator : UM/IZ
 Sample : G3597-08 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-8(0-5)

Manual Integrations
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 9/16/2015 1:23:20 PM

Quant Time: Sep 15 15:53:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	50498	20.00	ng	-0.01
21) Naphthalene-d8	11.11	136	201907	20.00	ng	-0.01
38) Acenaphthene-d10	15.25	164	95501	20.00	ng	-0.01
63) Phenanthrene-d10	18.74	188	177850	20.00	ng	-0.01
75) Chrysene-d12	23.37	240	110217	20.00	ng	-0.01
86) Perylene-d12	24.81	264	96531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	241928	74.33	ng	0.01
7) Phenol-d6	7.62	99	332905	77.27	ng	-0.02
23) Nitrobenzene-d5	9.50	82	221168	52.85	ng	-0.03
41) 2,4,6-Tribromophenol	17.14	330	59664	70.16	ng	-0.02
44) 2-Fluorobiphenyl	13.75	172	359206	48.20	ng	-0.02
78) Terphenyl-d14	22.10	244	260444	55.01	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.81	163	87242	11.76	ng	# 96
70) Phenanthrene	18.80	178	108057	10.93	ng	98
71) Anthracene	18.93	178	24201	2.38	ng	96
74) Fluoranthene	21.42	202	192480	17.98	ng	91
77) Pyrene	21.77	202	176874	21.66	ng	96
80) Benzo(a)anthracene	23.37	228	76315	10.87	ng	96
82) Chrysene	23.41	228	70631	11.23	ng	95
85) Indeno(1,2,3-cd)pyrene	25.87	276	43023	9.32	ng	# 88
87) Benzo(b)fluoranthene	24.48	252	80688m	11.71	ng	
88) Benzo(k)fluoranthene	24.48	252	35617m	6.23	ng	
89) Benzo(a)pyrene	24.77	252	63602	10.89	ng	# 83
90) Dibenzo(a,h)anthracene	25.87	278	9227	2.04	ng	# 80
91) Benzo(g,h,i)perylene	26.16	276	44224	10.27	ng	# 75

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

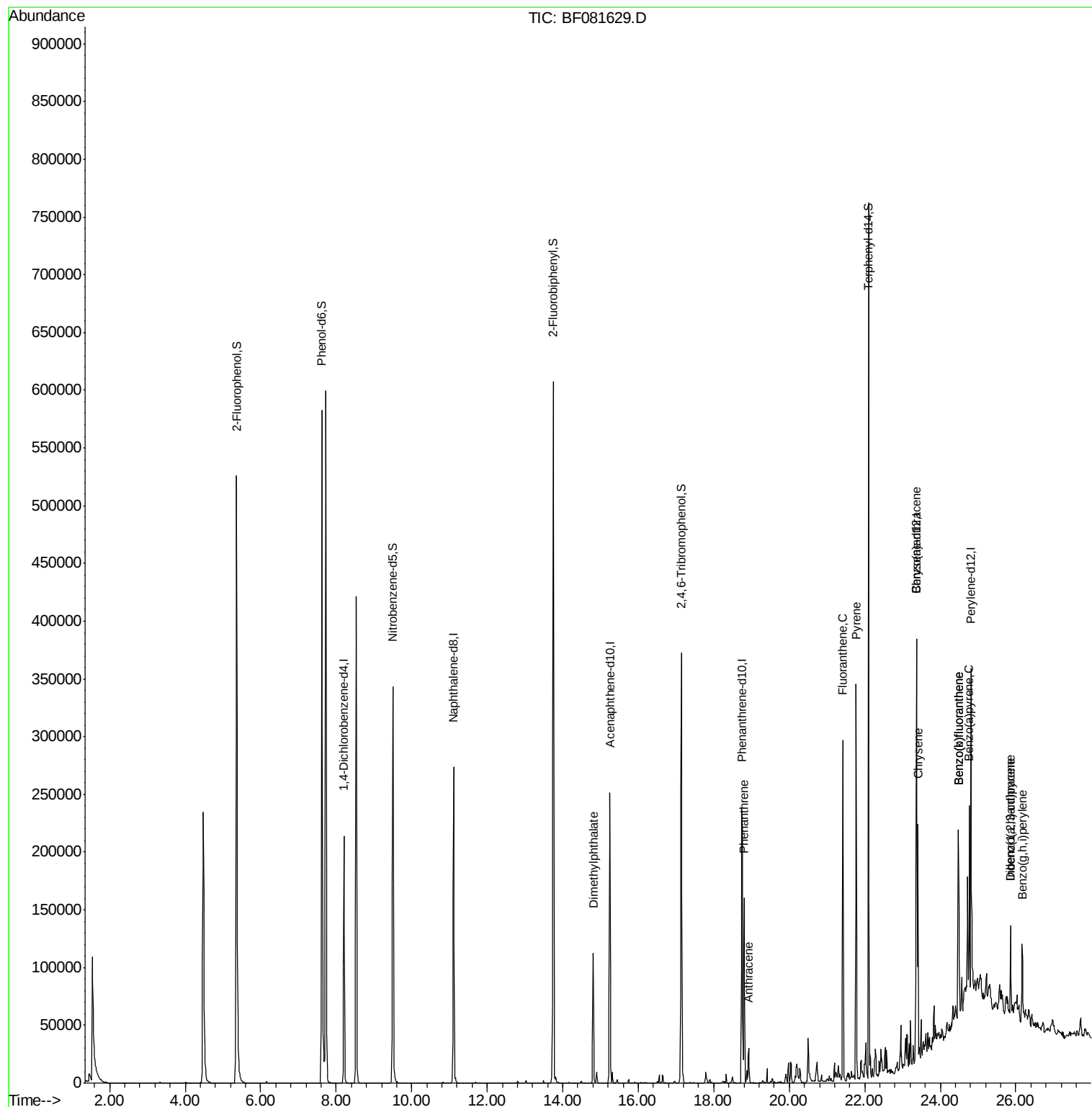
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081629.D
Acq On : 15 Sep 2015 14:48
Operator : UM/IZ
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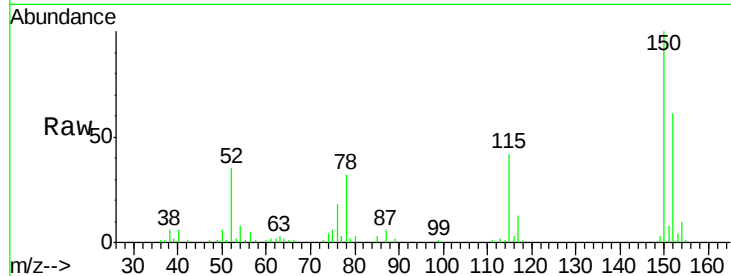




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

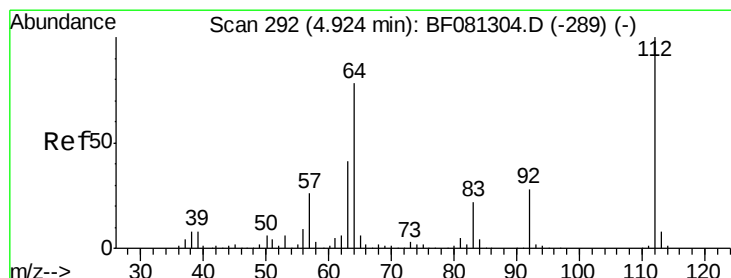
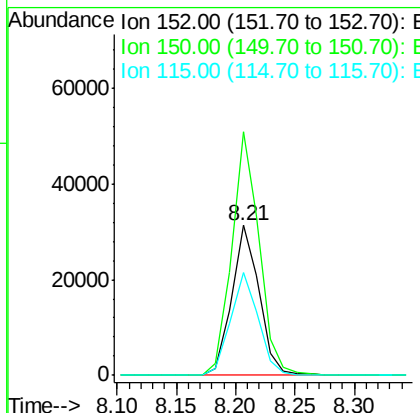
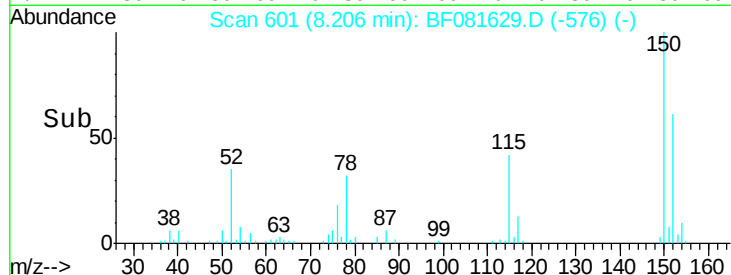
Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.7	124.7	187.1
115	68.8	39.0	58.4#

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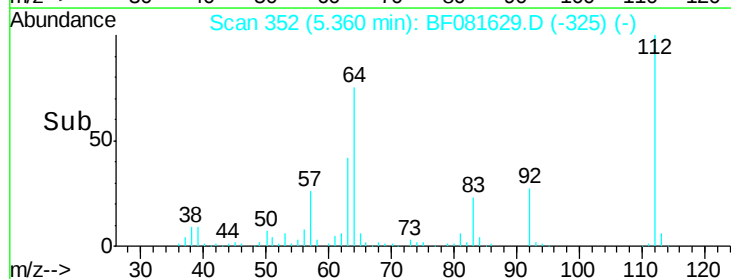
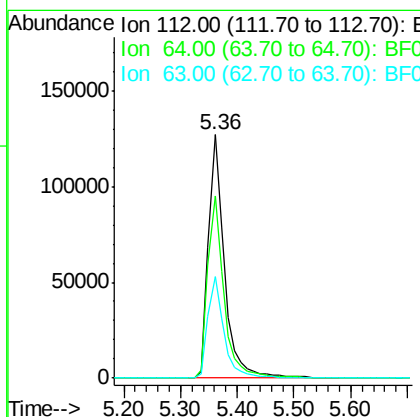
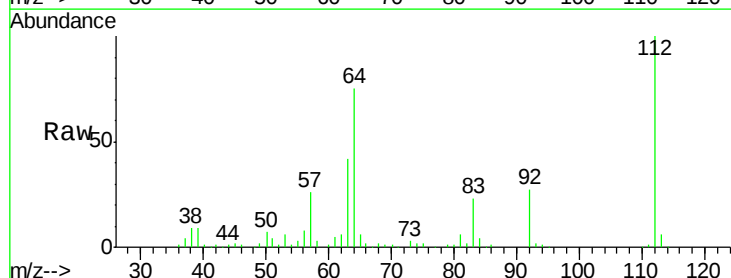
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#5

2-Fluorophenol
Concen: 74.33 ng
RT: 5.36 min Scan# 352
Delta R.T. 0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.0	39.7	59.5#
63	42.0	17.4	26.0#





#7

Phenol-d6

Concen: 77.27 ng

RT: 7.62 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF081629.D

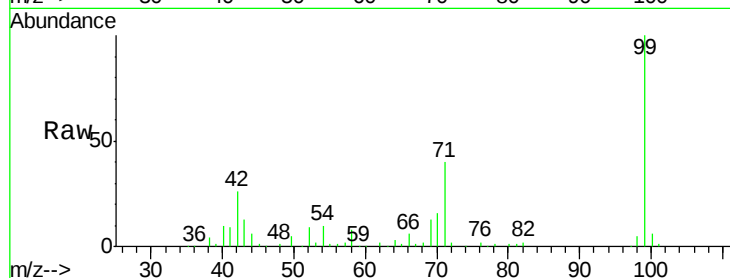
Acq: 15 Sep 2015 14:48

Instrument :

BNA_F

ClientSampleId :

GP-8(0-5)



Tgt Ion: 99 Resp: 332905

Ion Ratio Lower Upper

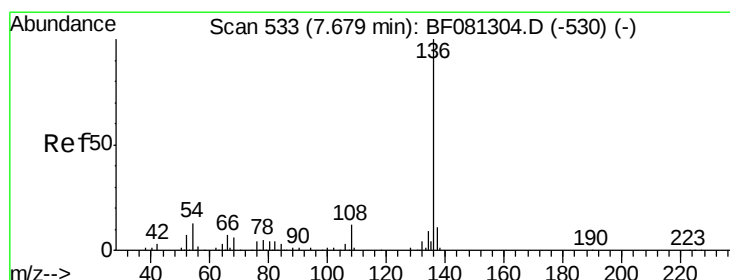
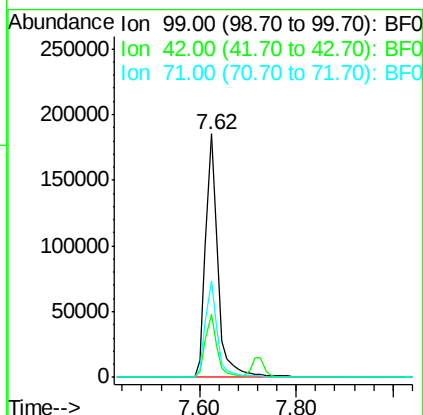
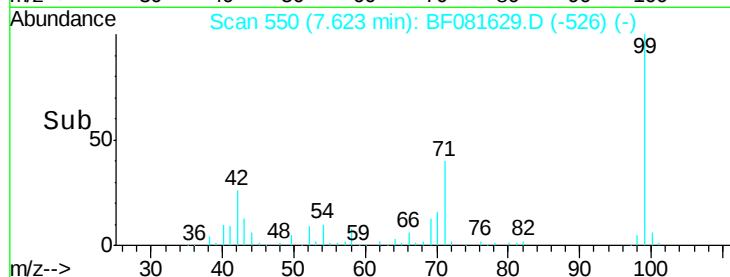
99 100

42 25.9 13.7 20.5#

71 39.8 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.11 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF081629.D

Acq: 15 Sep 2015 14:48

Tgt Ion: 136 Resp: 201907

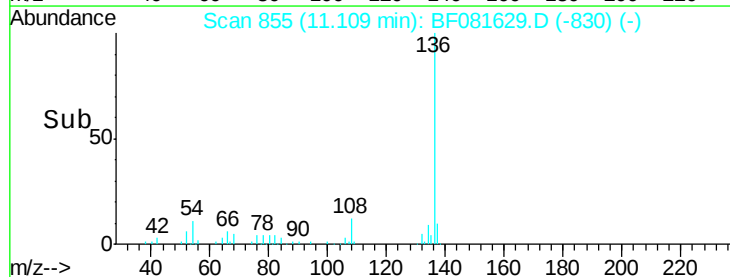
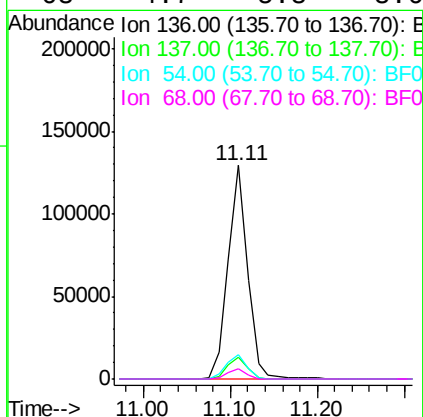
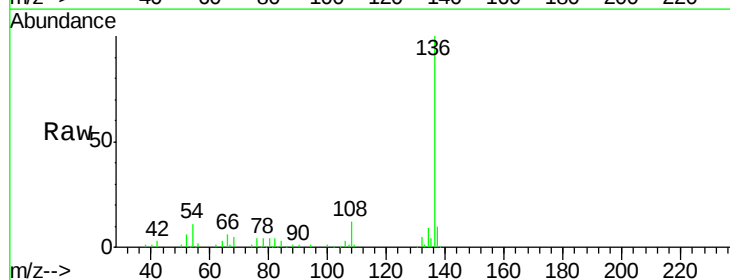
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 11.4 8.2 12.2

68 4.7 5.8 8.6#





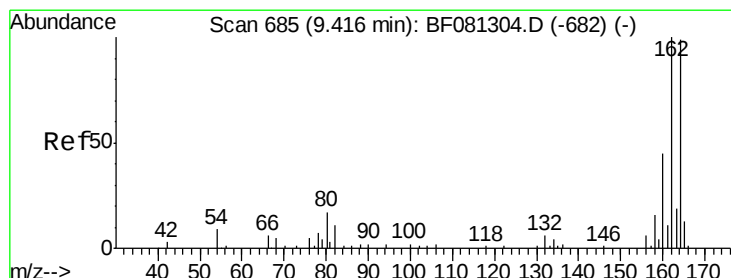
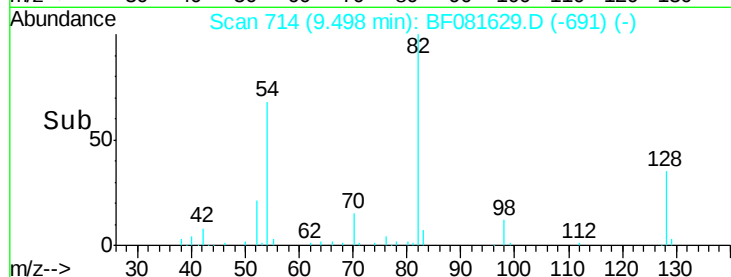
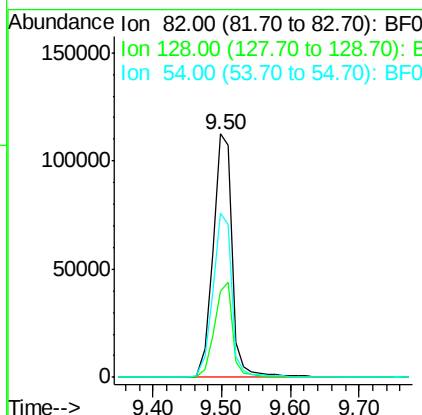
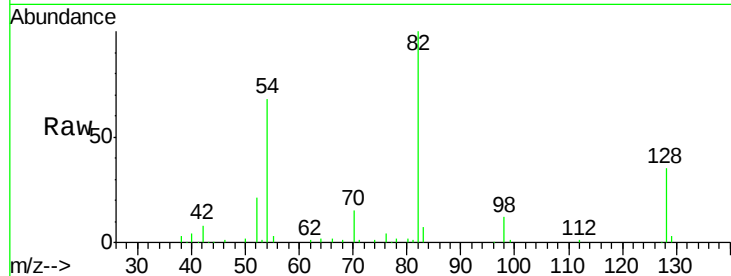
#23
 Nitrobenzene-d5
 Concen: 52.85 ng
 RT: 9.50 min Scan# 714
 Delta R.T. -0.03 min
 Lab File: BF081629.D
 Acq: 15 Sep 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 GP-8(0-5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	51.0	76.6#
54	67.7	47.5	71.3

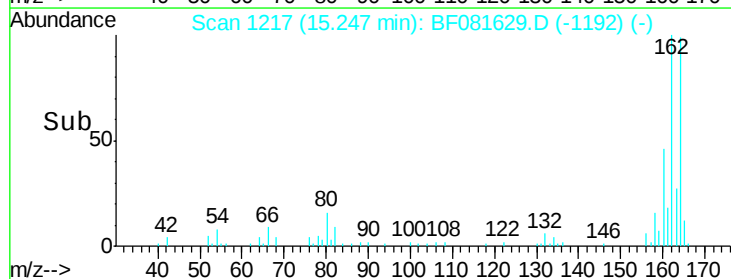
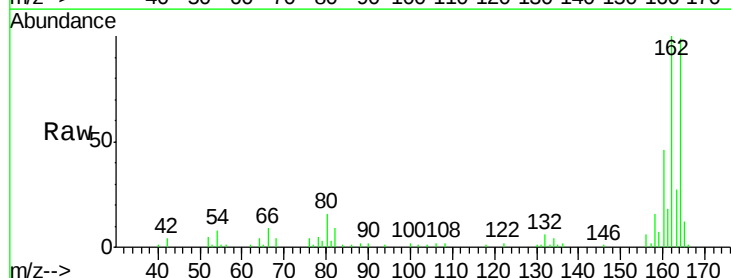
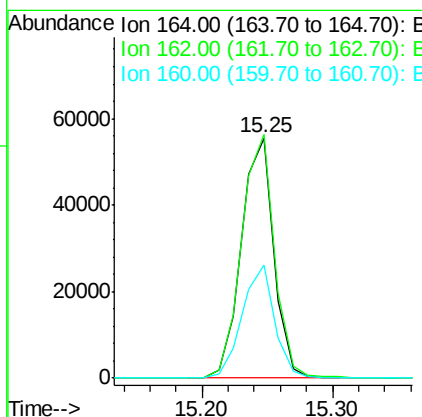
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF081629.D
 Acq: 15 Sep 2015 14:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	75.2	112.8
160	47.0	31.5	47.3





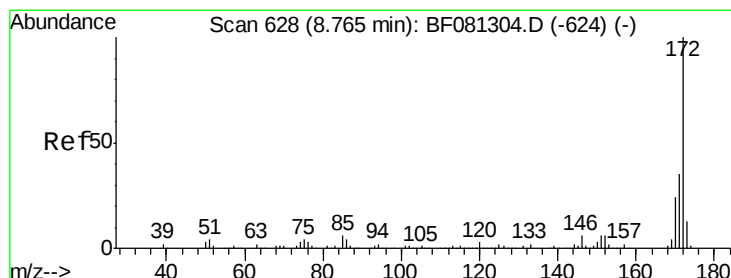
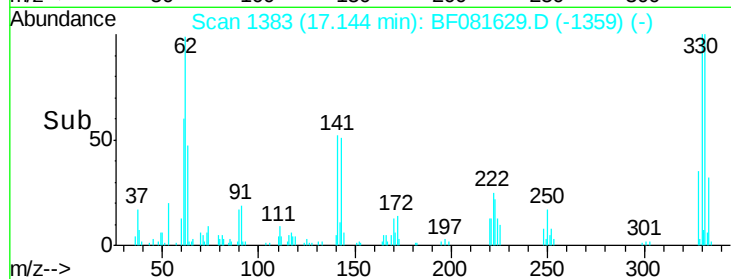
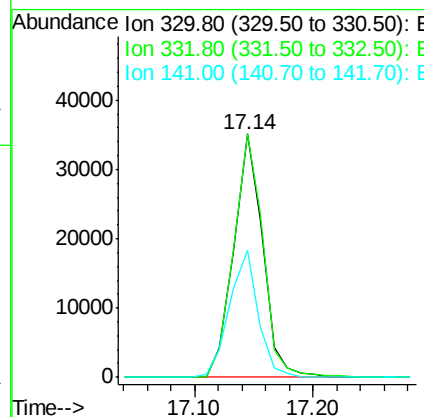
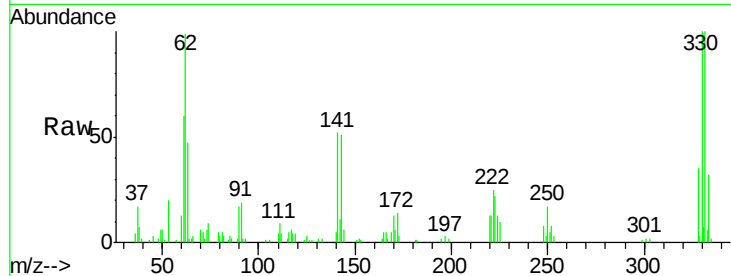
#41
 2,4,6-Tribromophenol
 Concen: 70.16 ng
 RT: 17.14 min Scan# 1383
 Delta R.T. -0.02 min
 Lab File: BF081629.D
 Acq: 15 Sep 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 GP-8(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	59664		
332	101.2	76.6	114.8	
141	51.7	29.7	44.5#	

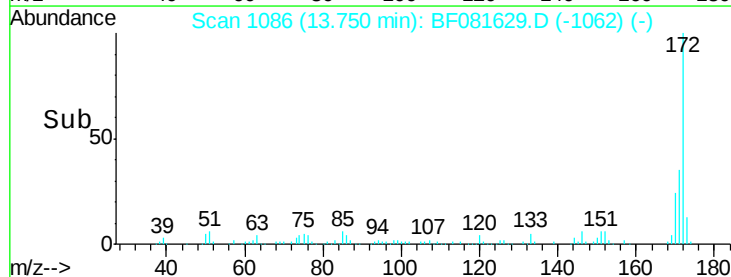
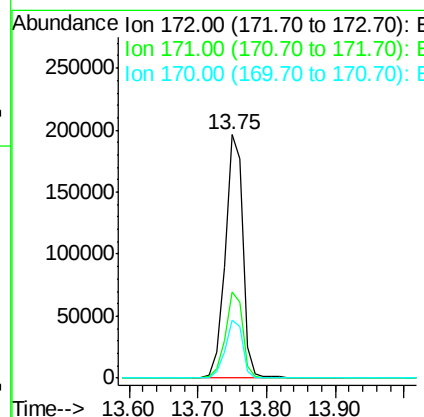
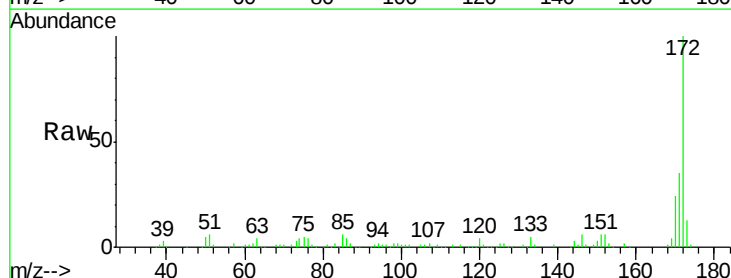
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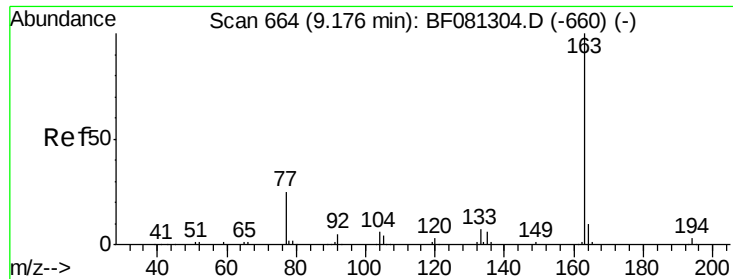
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#44
 2-Fluorobiphenyl
 Concen: 48.20 ng
 RT: 13.75 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF081629.D
 Acq: 15 Sep 2015 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	359206		
171	35.4	26.1	39.1	
170	23.7	17.4	26.2	





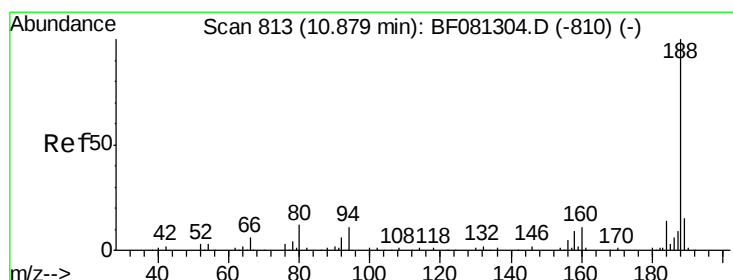
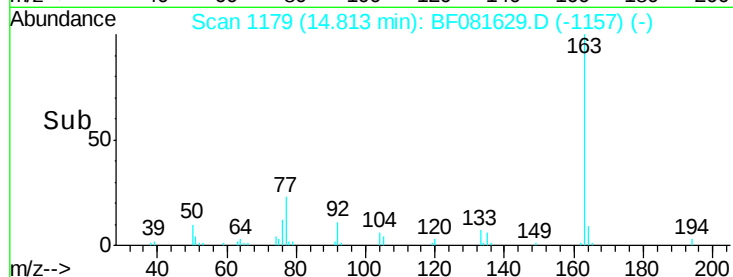
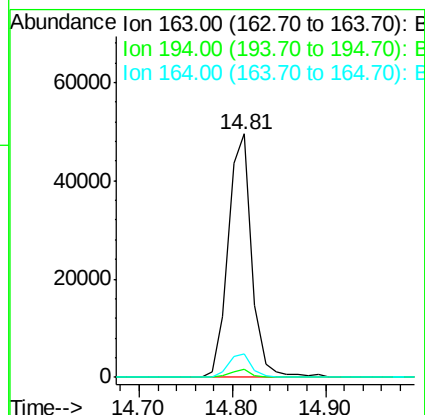
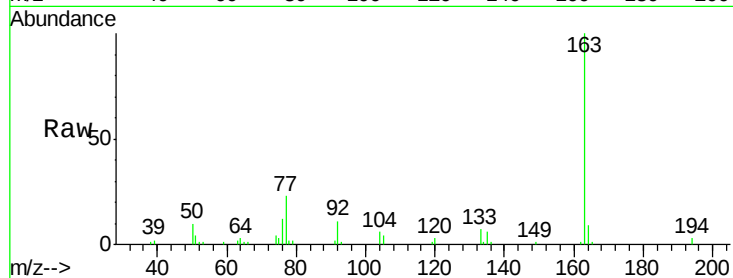
#49
Dimethylphthalate
Concen: 11.76 ng
RT: 14.81 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	87242		
194	3.2	4.4	6.6#	
164	9.5	8.3	12.5	

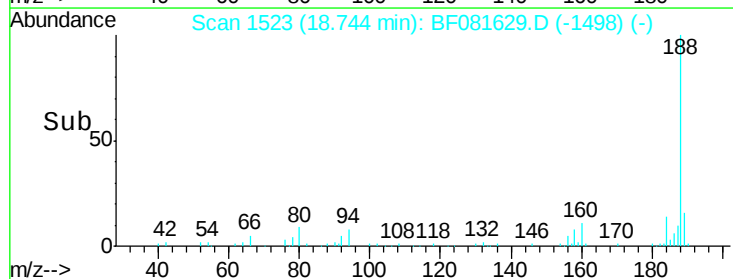
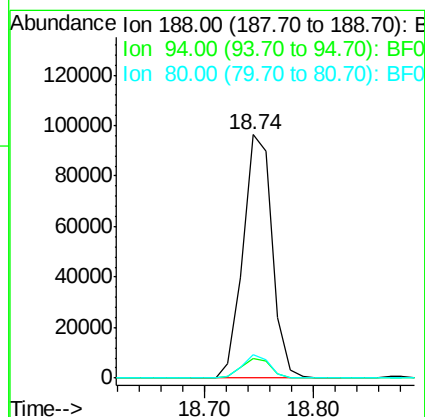
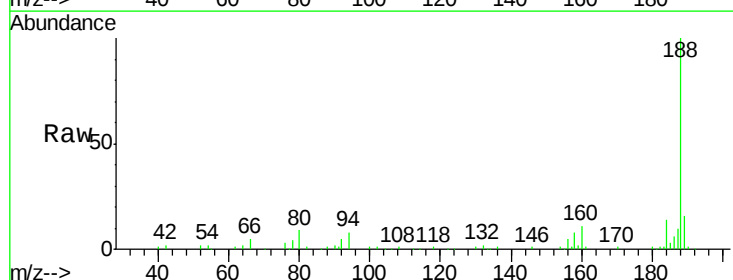
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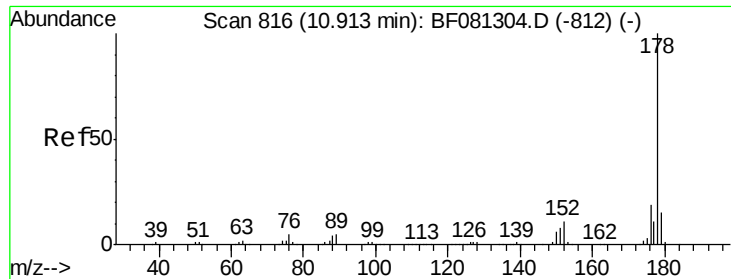
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.74 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	177850		
94	8.3	11.1	16.7#	
80	9.4	11.0	16.4#	





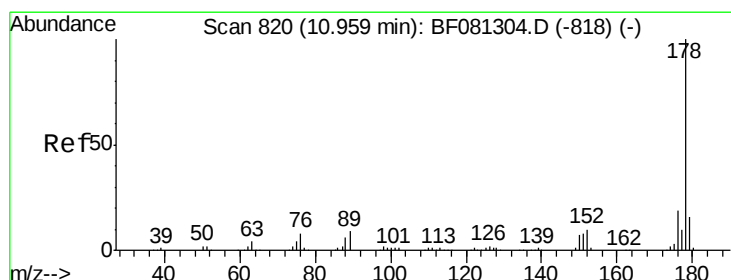
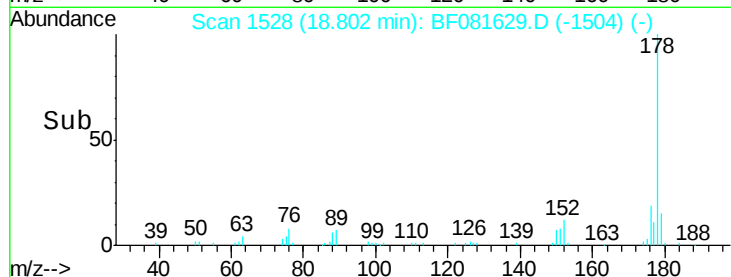
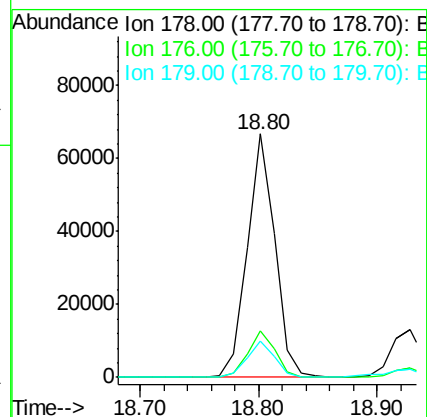
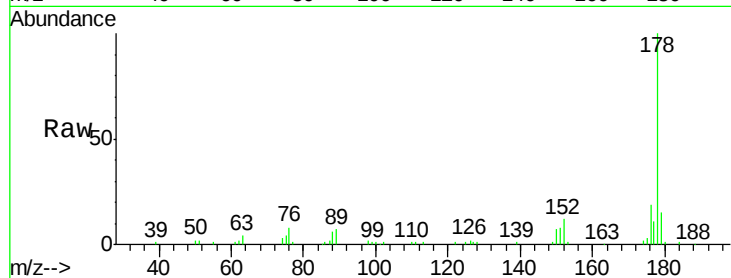
#70
Phenanthrene
Concen: 10.93 ng
RT: 18.80 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	13.8	20.8
179	15.1	12.2	18.2

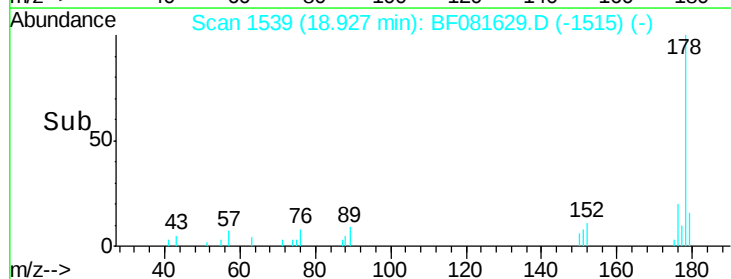
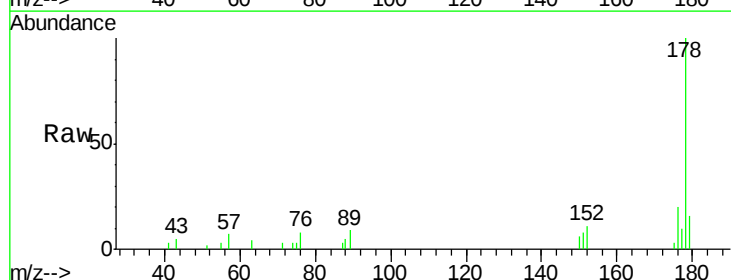
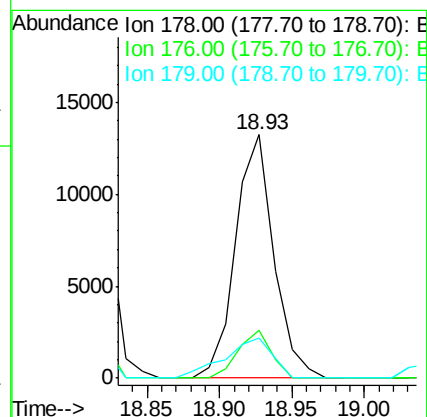
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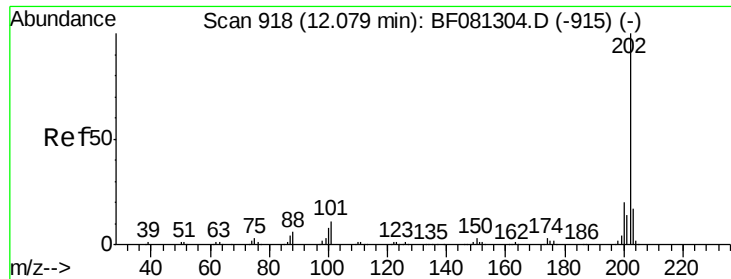
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#71
Anthracene
Concen: 2.38 ng
RT: 18.93 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.1	21.1
179	16.4	12.2	18.2





#74

Fluoranthene

Concen: 17.98 ng

RT: 21.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF081629.D

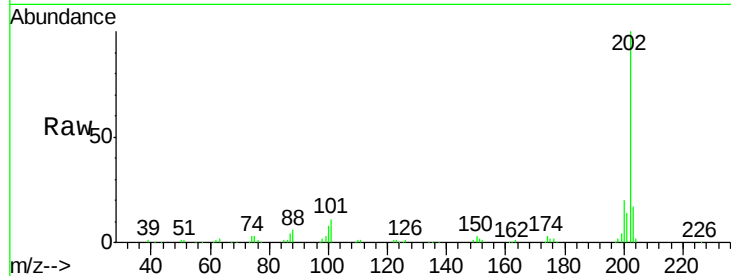
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Instrument :

BNA_F

ClientSampleId :

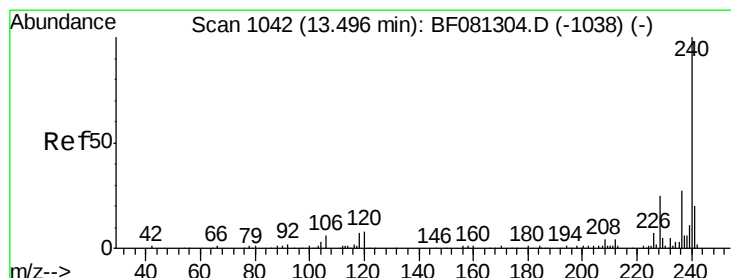
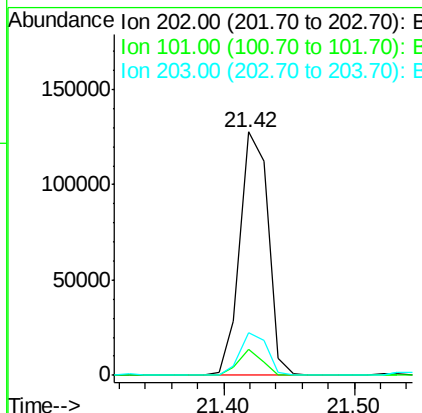
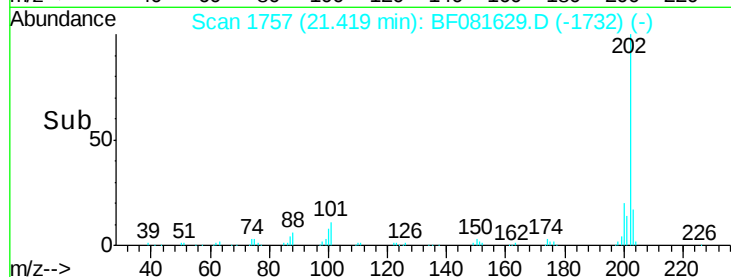
GP-8(0-5)



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	192480		
101	10.5	0.0	38.3	
203	17.3	0.0	37.3	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

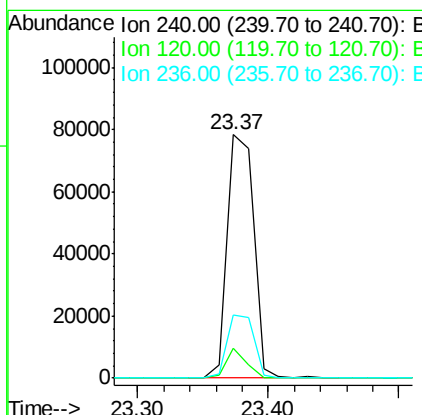
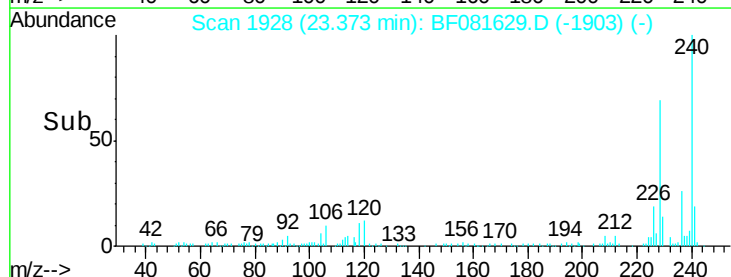
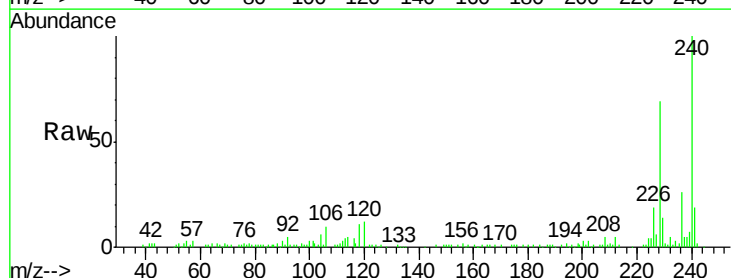
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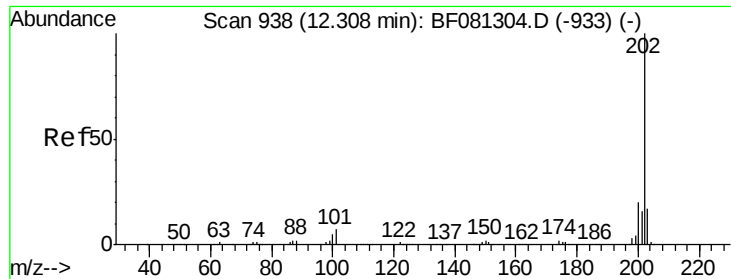
Delta R.T. -0.01 min

Lab File: BF081629.D

Acq: 15 Sep 2015 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	110217		
120	12.5	16.2	24.2#	
236	26.1	18.4	27.6	





#77

Pyrene

Concen: 21.66 ng

RT: 21.77 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF081629.D

Acq: 15 Sep 2015 14:48

Instrument :

BNA_F

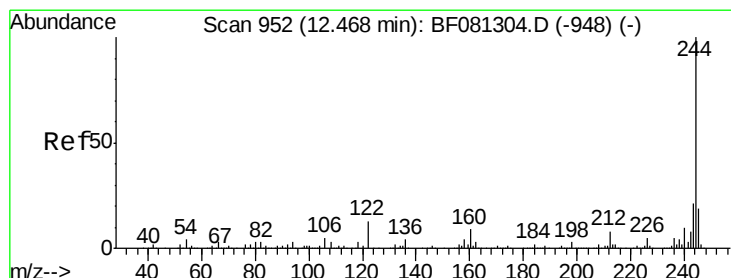
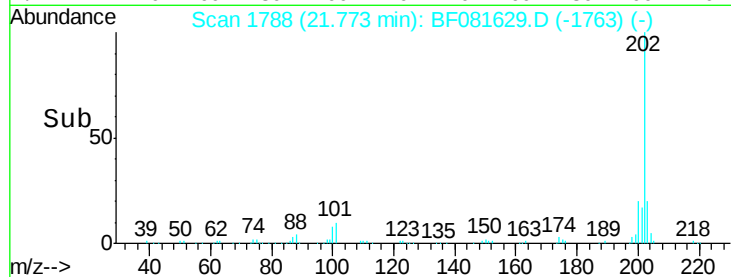
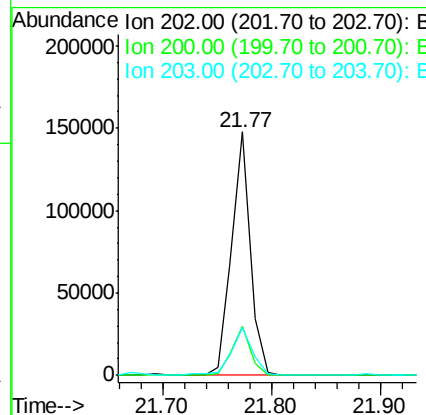
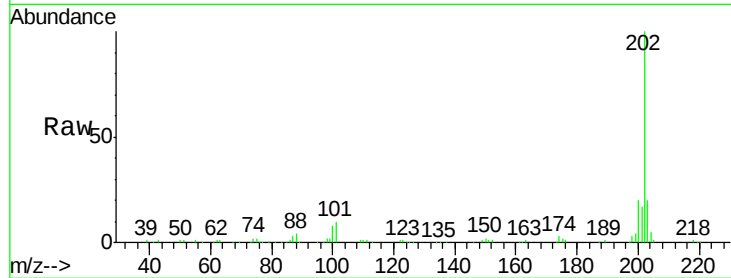
ClientSampleId :

GP-8(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	176874		
200	20.2	15.0	22.4	
203	19.5	14.1	21.1	

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#78

Terphenyl-d14

Concen: 55.01 ng

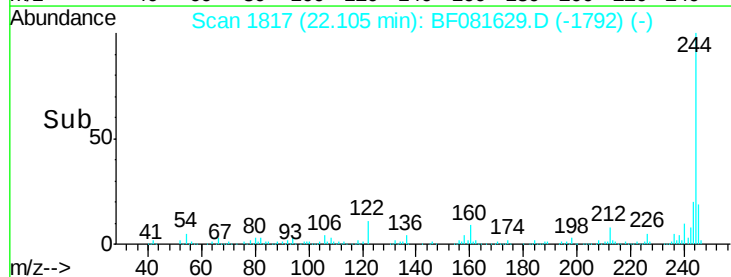
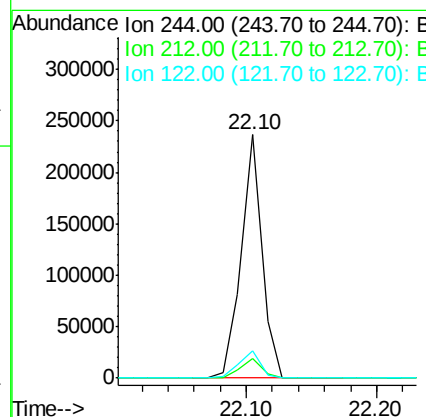
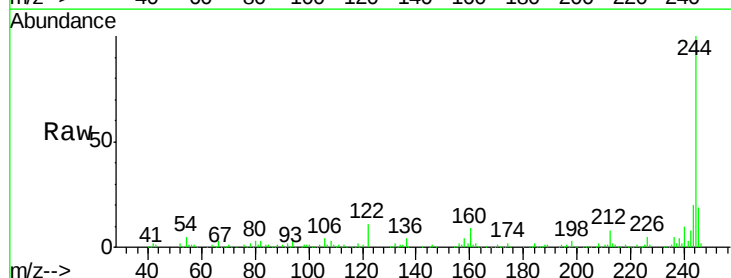
RT: 22.10 min Scan# 1817

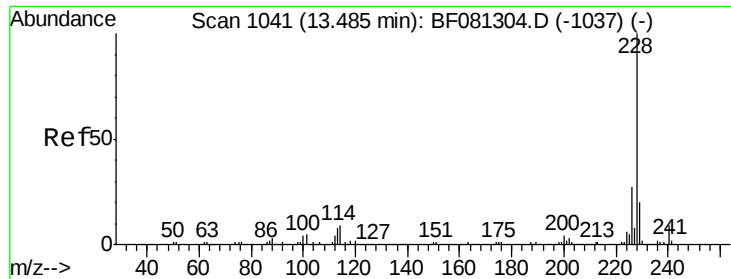
Delta R.T. -0.01 min

Lab File: BF081629.D

Acq: 15 Sep 2015 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	260444		
212	8.0	4.3	6.5#	
122	11.1	17.4	26.2#	





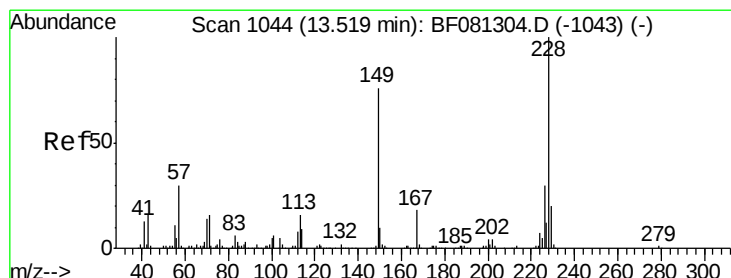
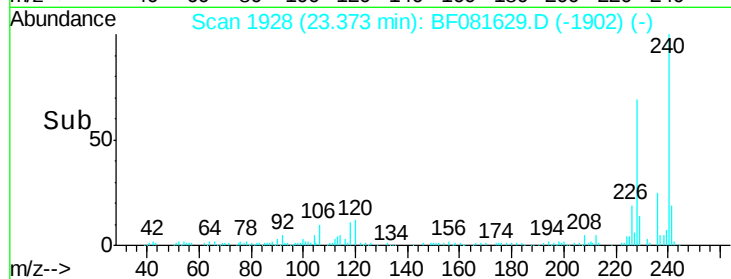
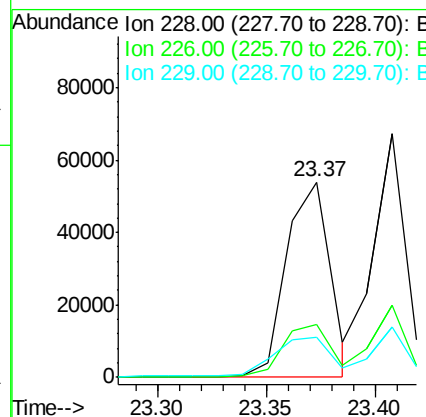
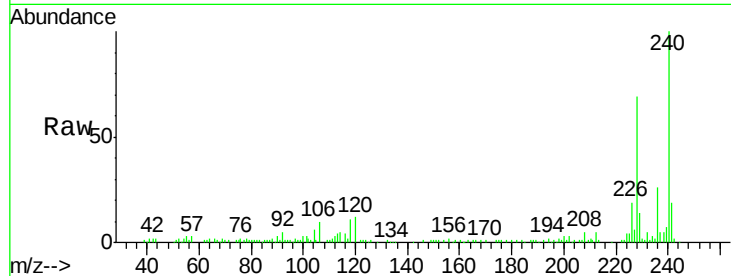
#80
Benzo(a)anthracene
Concen: 10.87 ng
RT: 23.37 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.0	30.0
229	20.7	15.4	23.2

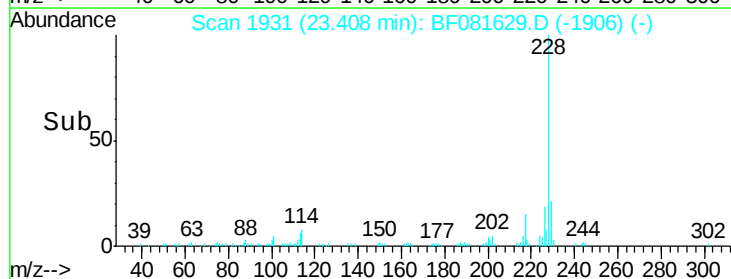
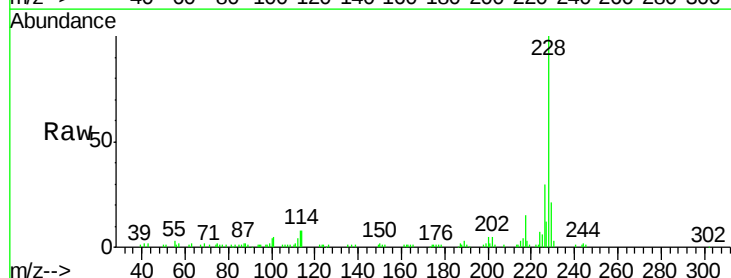
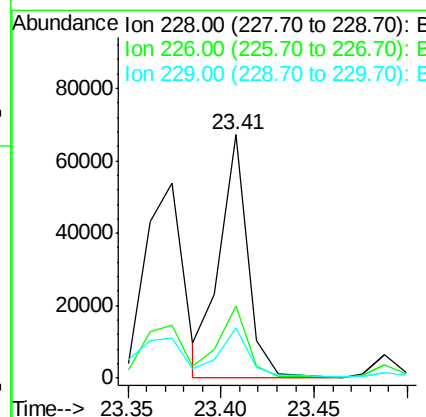
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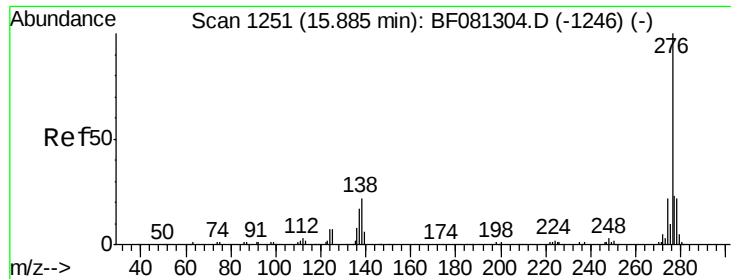
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#82
Chrysene
Concen: 11.23 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.0	31.4
229	20.8	15.6	23.4





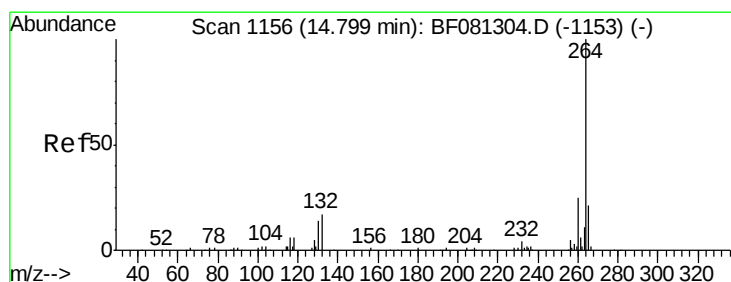
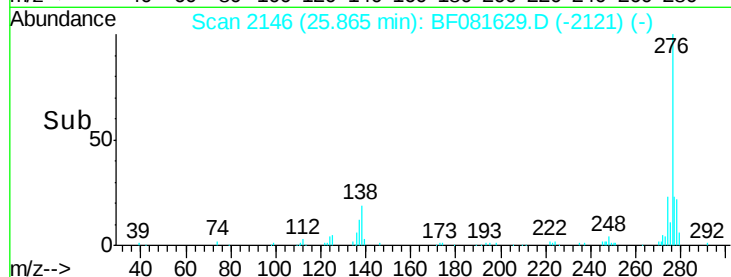
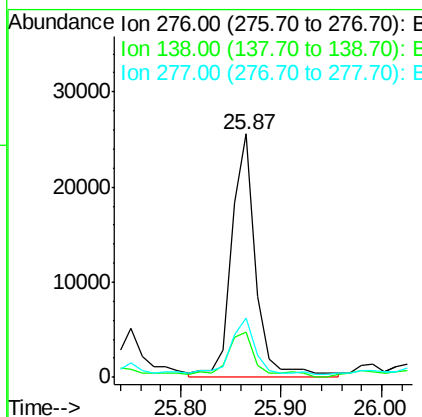
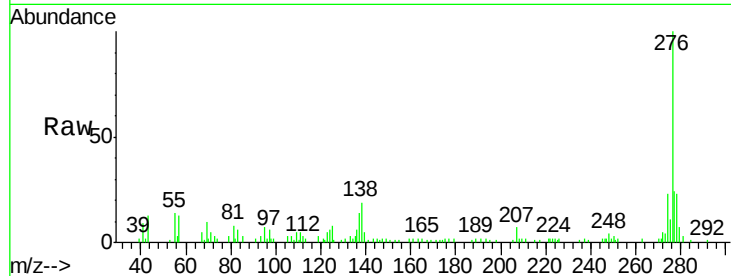
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.32 ng
 RT: 25.87 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BF081629.D
 Acq: 15 Sep 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 GP-8(0-5)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	25.7	38.5#
277	22.1	15.6	23.4

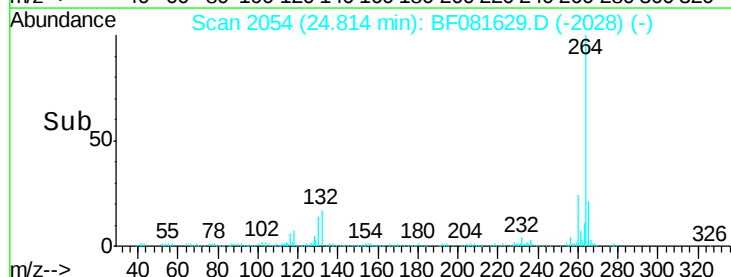
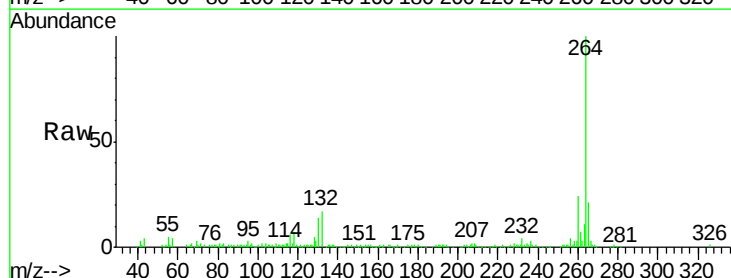
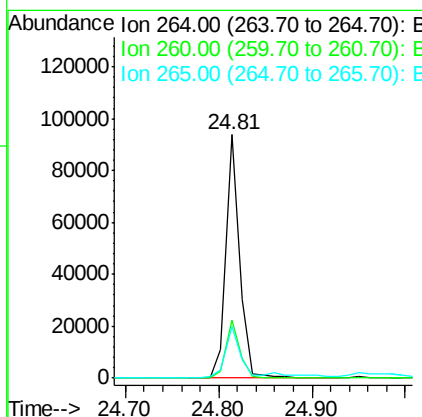
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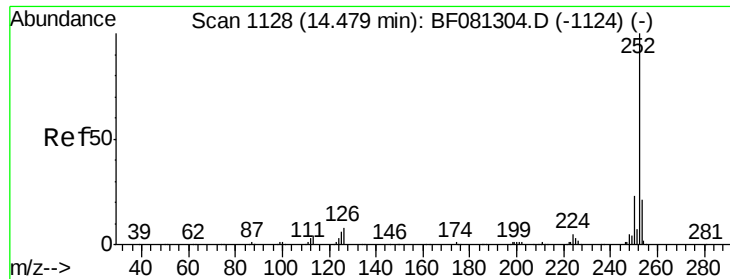
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF081629.D
 Acq: 15 Sep 2015 14:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 11.71 ng m

RT: 24.48 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF081629.D

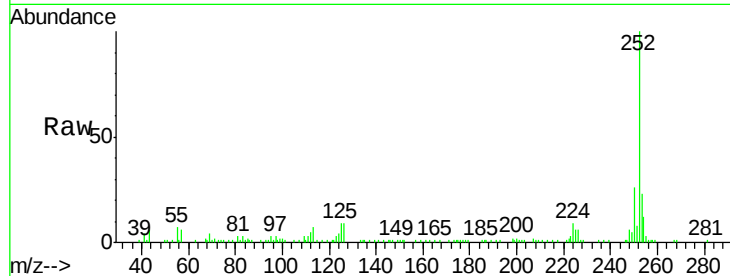
Acq: 15 Sep 2015 14:48

Instrument :

BNA_F

ClientSampleId :

GP-8(0-5)



Tgt Ion: 252 Resp: 80688

Ion Ratio Lower Upper

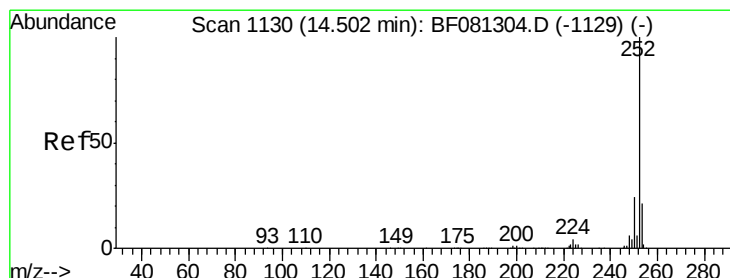
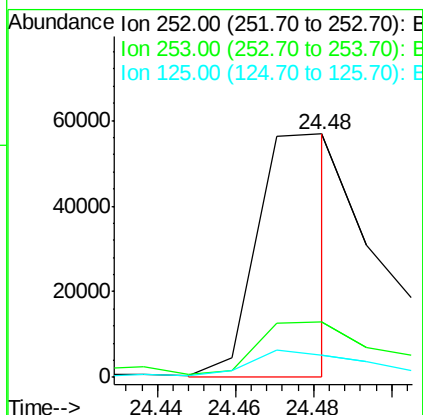
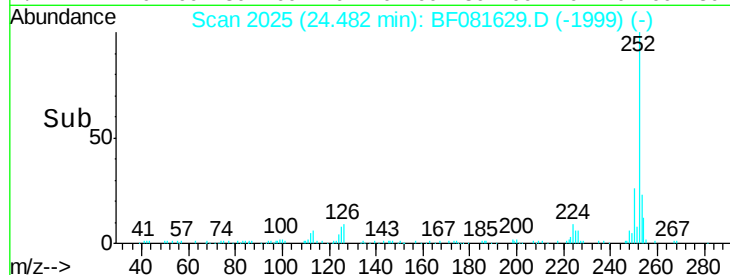
252 100

253 22.6 17.5 26.3

125 9.2 17.1 25.7#

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#88

Benzo(k)fluoranthene

Concen: 6.23 ng m

RT: 24.48 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF081629.D

Acq: 15 Sep 2015 14:48

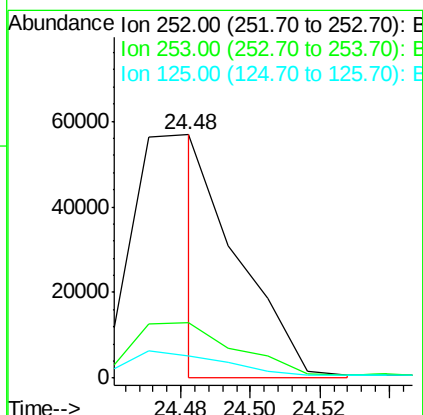
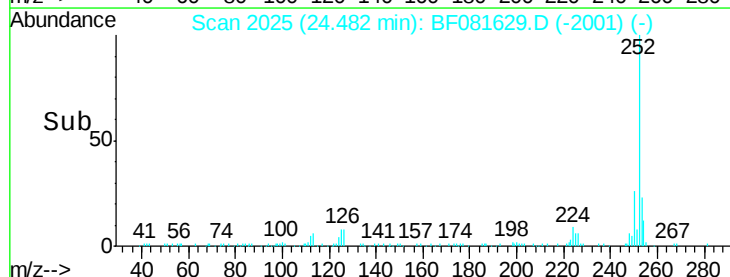
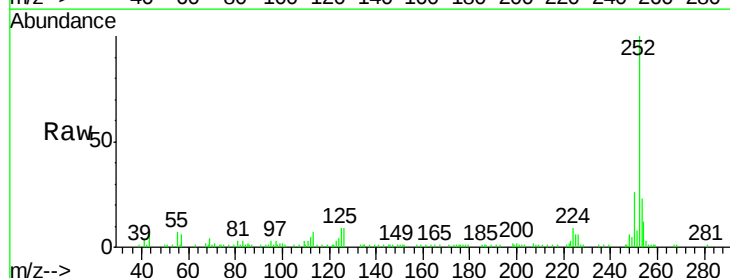
Tgt Ion: 252 Resp: 35617

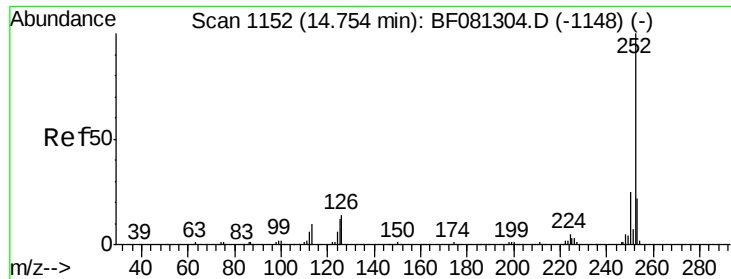
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

125 9.2 16.0 24.0#





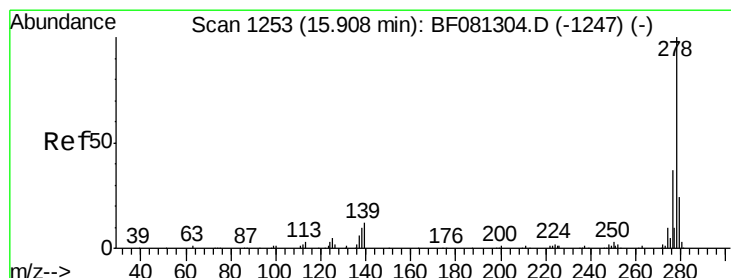
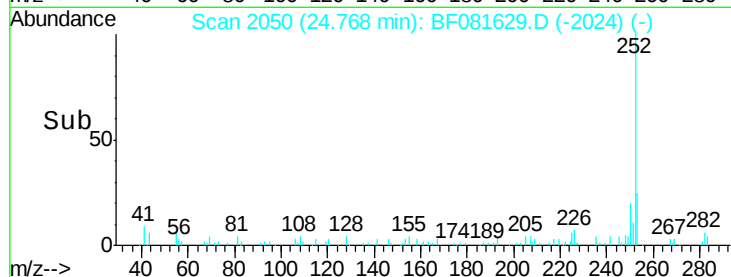
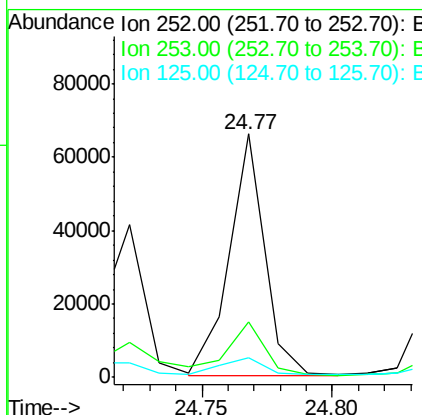
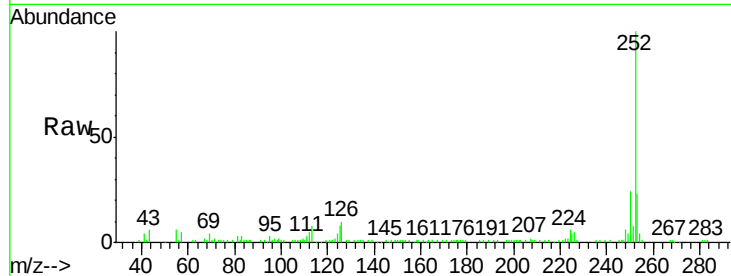
#89
Benzo(a)pyrene
Concen: 10.89 ng
RT: 24.77 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	8.2	18.0	27.0#

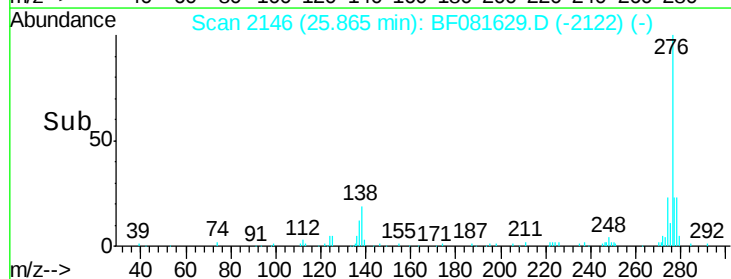
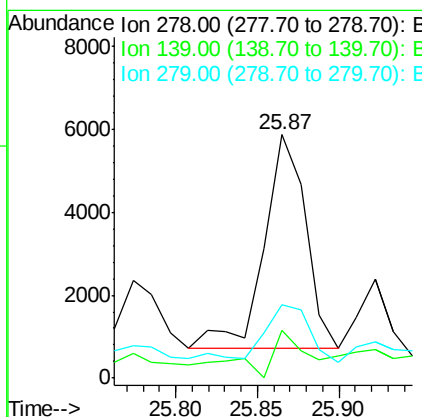
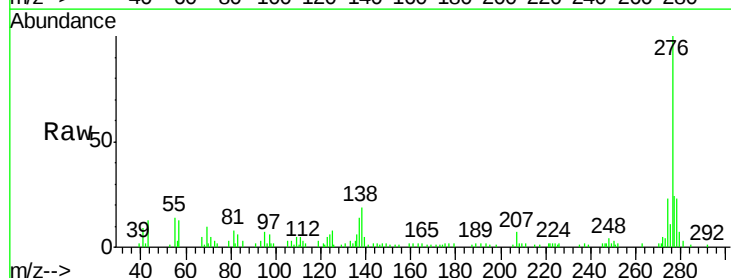
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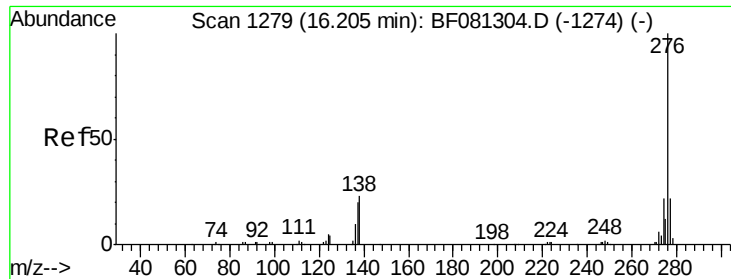
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#90
Dibenzo(a,h)anthracene
Concen: 2.04 ng
RT: 25.87 min Scan# 2146
Delta R.T. -0.02 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	26.3	39.5#
279	30.3	18.2	27.4#





#91
 Benzo(g,h,i)perylene
 Concen: 10.27 ng
 RT: 26.16 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF081629.D
 Acq: 15 Sep 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 GP-8(0-5)

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.8	26.6
138	20.8	34.6	51.8#

Manual Integrations
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