

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
 Data File : BF081630.D
 Acq On : 15 Sep 2015 15:25
 Operator : UM/IZ
 Sample : G3597-11 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-11(0-5)

Manual Integrations
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 9/16/2015 1:23:26 PM

Quant Time: Sep 15 16:04:20 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	46990	20.00	ng	-0.01
21) Naphthalene-d8	11.11	136	184908	20.00	ng	-0.01
38) Acenaphthene-d10	15.25	164	84743	20.00	ng	-0.01
63) Phenanthrene-d10	18.74	188	159547	20.00	ng	-0.01
75) Chrysene-d12	23.37	240	102546	20.00	ng	-0.01
86) Perylene-d12	24.81	264	91960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	56987	18.82	ng	0.01
7) Phenol-d6	7.62	99	80174	20.00	ng	-0.02
23) Nitrobenzene-d5	9.50	82	51854	13.53	ng	-0.03
41) 2,4,6-Tribromophenol	17.14	330	13670	18.12	ng	-0.02
44) 2-Fluorobiphenyl	13.75	172	89898	13.59	ng	-0.02
78) Terphenyl-d14	22.10	244	64331	14.60	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.81	163	18583	2.82	ng	# 97
70) Phenanthrene	18.80	178	53531	6.04	ng	97
74) Fluoranthene	21.42	202	96411	10.04	ng	88
77) Pyrene	21.77	202	98673	12.99	ng	98
80) Benzo(a)anthracene	23.37	228	47597	7.29	ng	98
82) Chrysene	23.41	228	43732	7.47	ng	92
85) Indeno(1,2,3-cd)pyrene	25.86	276	21571	5.02	ng	# 79
87) Benzo(b)fluoranthene	24.47	252	47500m	7.23	ng	
88) Benzo(k)fluoranthene	24.48	252	21686m	3.98	ng	
89) Benzo(a)pyrene	24.77	252	38923	7.00	ng	# 85
91) Benzo(g,h,i)perylene	26.16	276	20599	5.02	ng	# 80

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

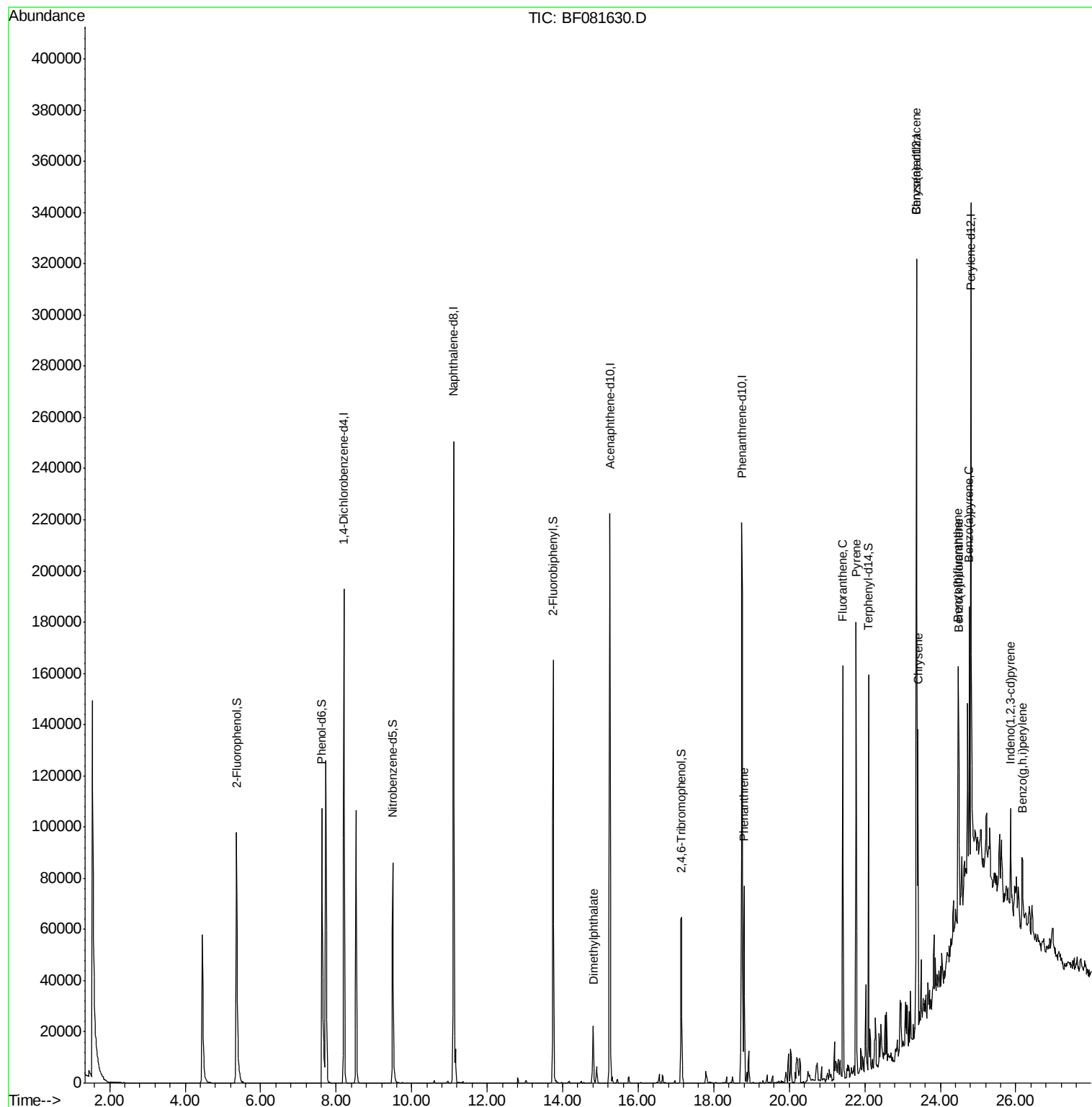
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081630.D
Acq On : 15 Sep 2015 15:25
Operator : UM/IZ
Sample : G3597-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

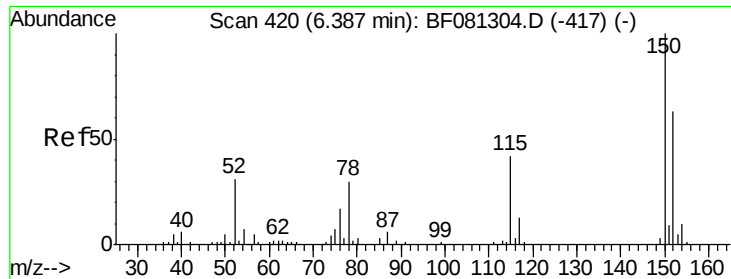
Instrument :
BNA_F
ClientSampleId :
GP-11(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

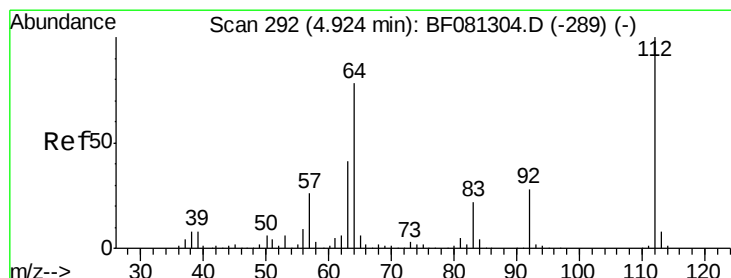
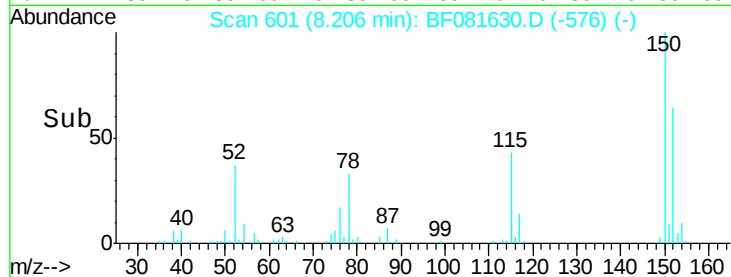
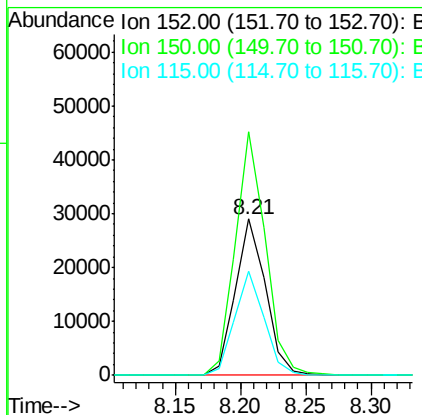
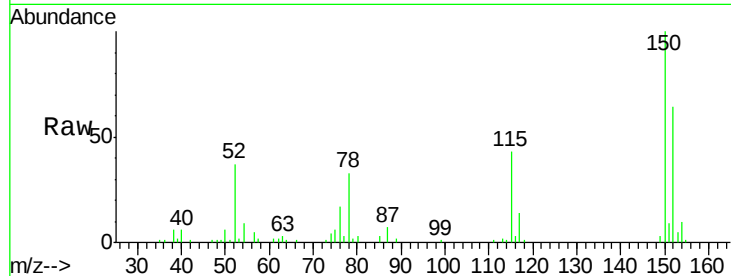
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Instrument :
BNA_F
ClientSampleId :
GP-11(0-5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.7	187.1
115	66.2	39.0	58.4#

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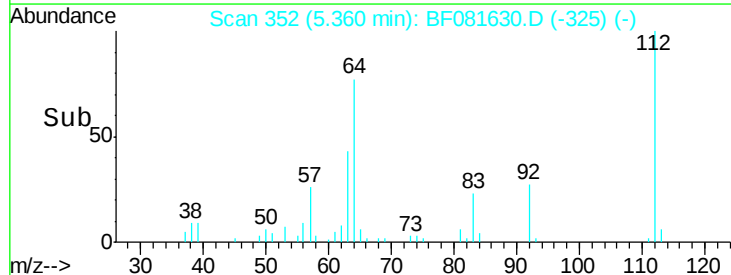
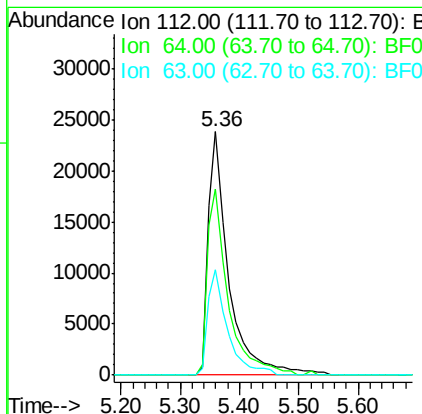
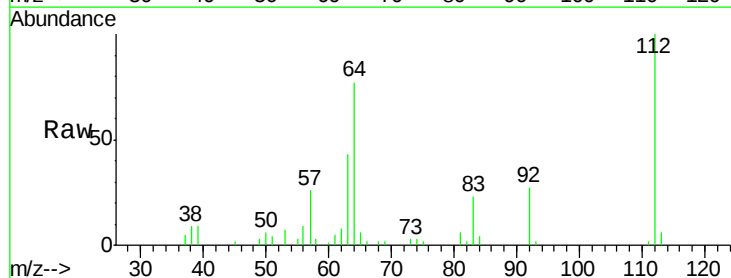
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#5

2-Fluorophenol
Concen: 18.82 ng
RT: 5.36 min Scan# 352
Delta R.T. 0.01 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.6	39.7	59.5#
63	43.3	17.4	26.0#





#7

Phenol-d6

Concen: 20.00 ng

RT: 7.62 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF081630.D

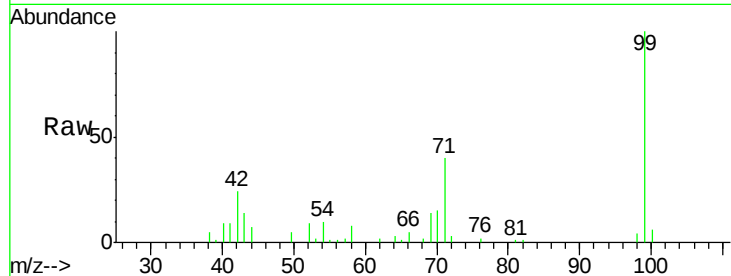
Acq: 15 Sep 2015 15:25

Instrument :

BNA_F

ClientSampleId :

GP-11(0-5)



Tgt Ion: 99 Resp: 80174

Ion Ratio Lower Upper

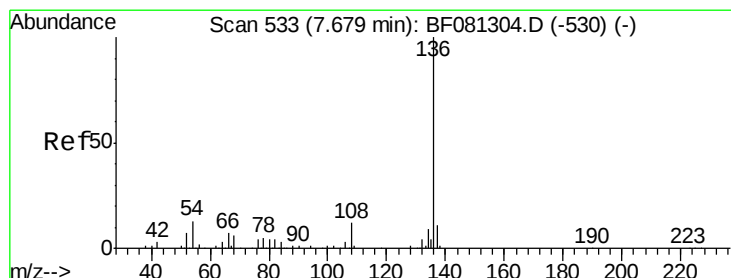
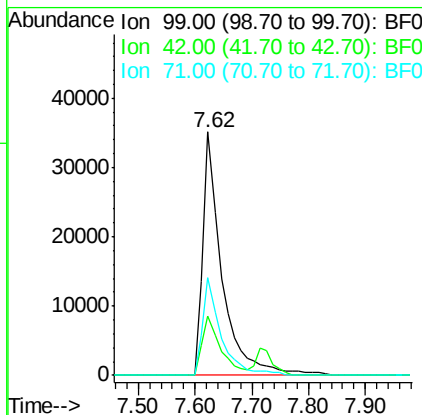
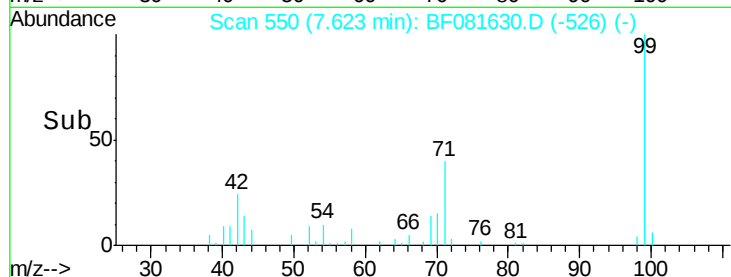
99 100

42 24.1 13.7 20.5#

71 40.2 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: BF081630.D

Acq: 15 Sep 2015 15:25

Tgt Ion: 136 Resp: 184908

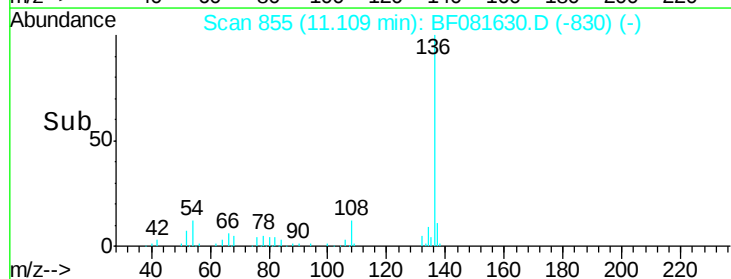
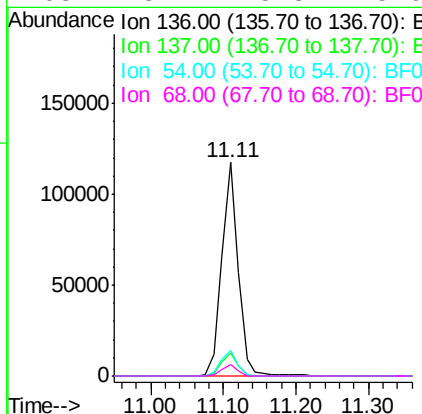
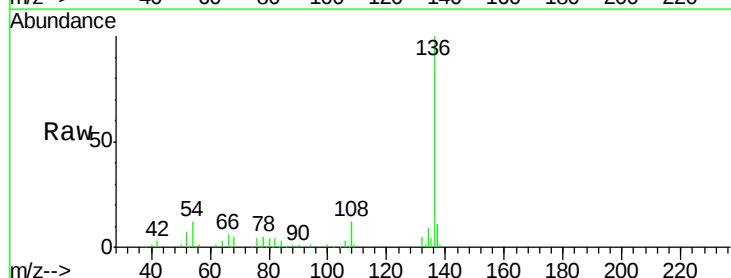
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 11.9 8.2 12.2

68 5.1 5.8 8.6#





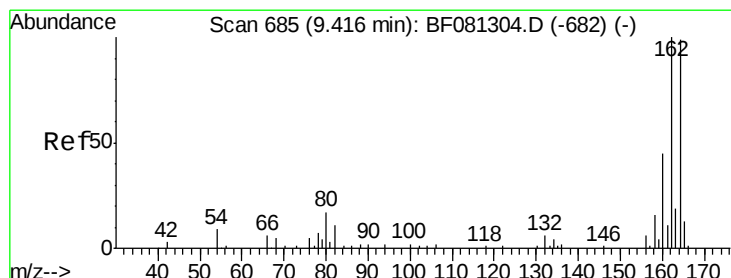
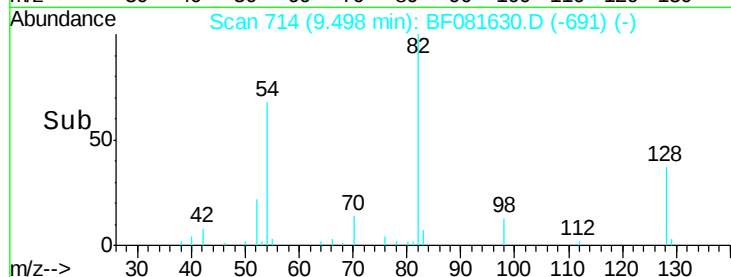
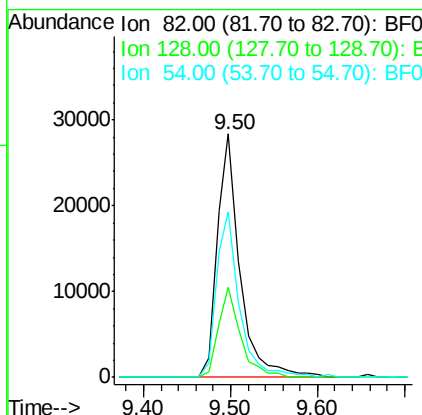
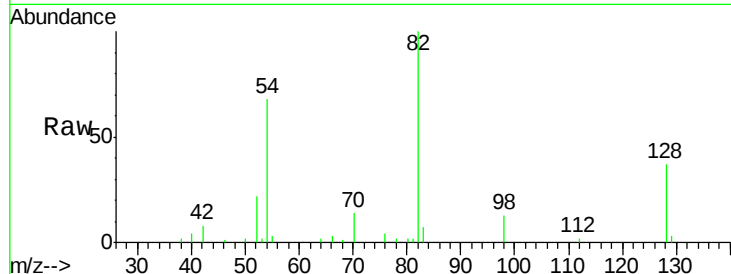
#23
 Nitrobenzene-d5
 Concen: 13.53 ng
 RT: 9.50 min Scan# 714
 Delta R.T. -0.03 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :
 GP-11(0-5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	51.0	76.6#
54	67.8	47.5	71.3

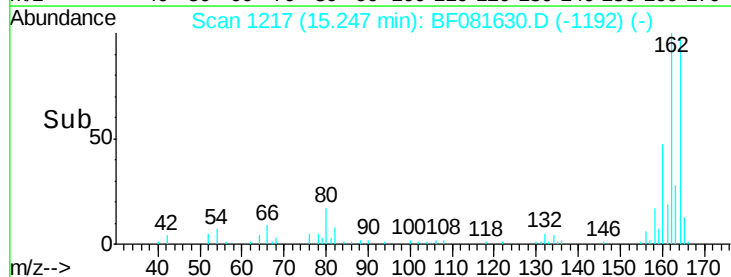
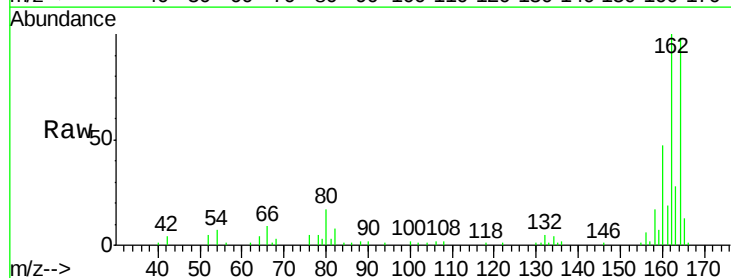
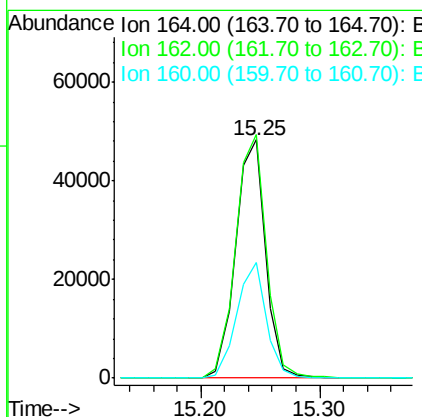
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	75.2	112.8
160	48.5	31.5	47.3#





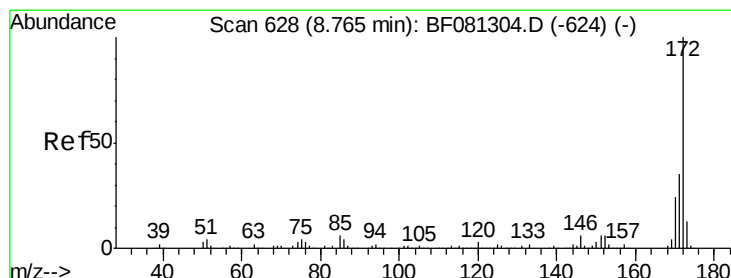
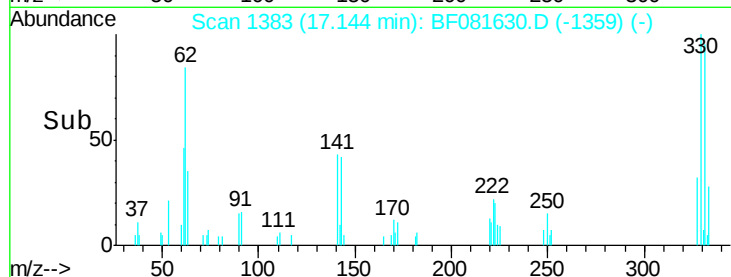
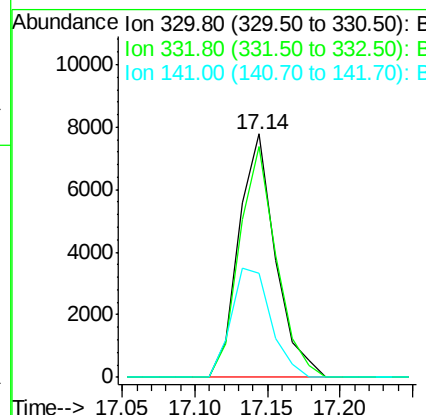
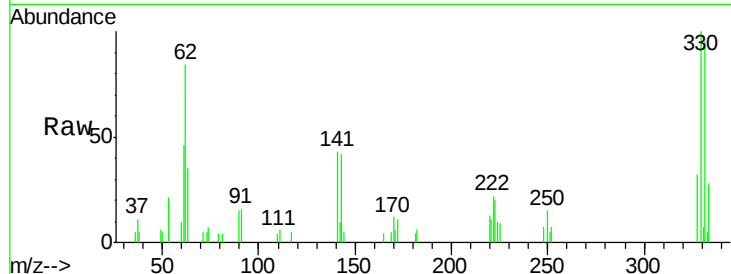
#41
 2,4,6-Tribromophenol
 Concen: 18.12 ng
 RT: 17.14 min Scan# 1383
 Delta R.T. -0.02 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :
 GP-11(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	13670		
332	95.3	76.6	114.8	
141	48.5	29.7	44.5#	

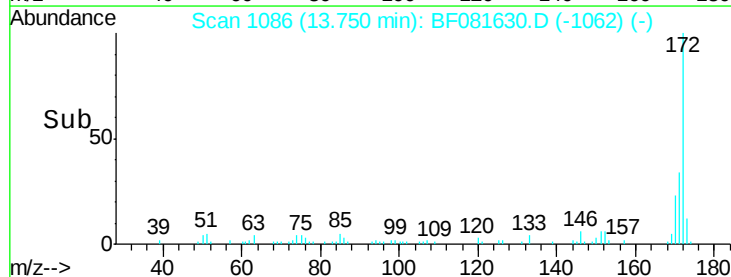
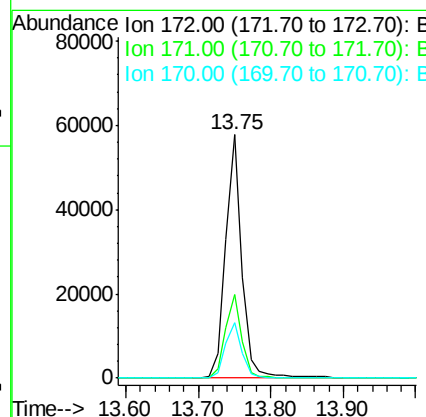
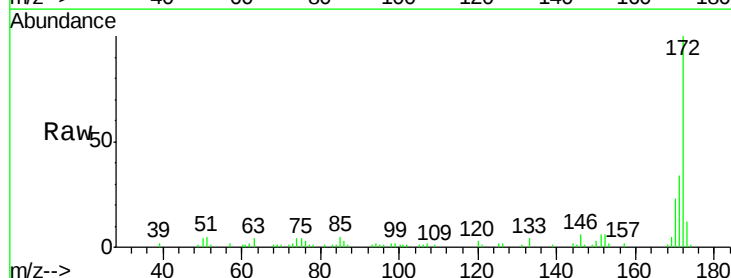
Manual Integrations
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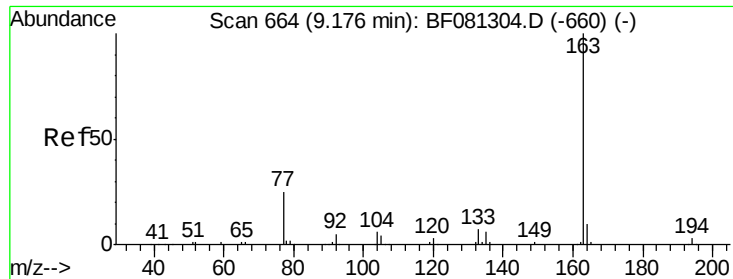
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#44
 2-Fluorobiphenyl
 Concen: 13.59 ng
 RT: 13.75 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	89898		
171	34.3	26.1	39.1	
170	22.6	17.4	26.2	





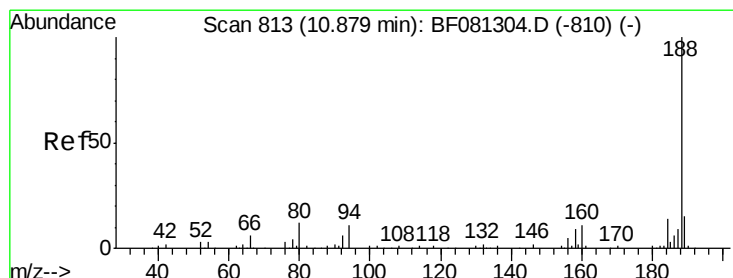
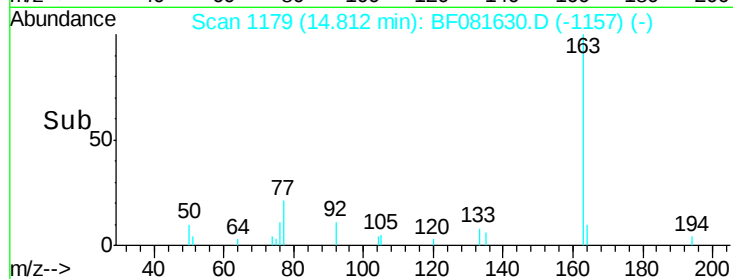
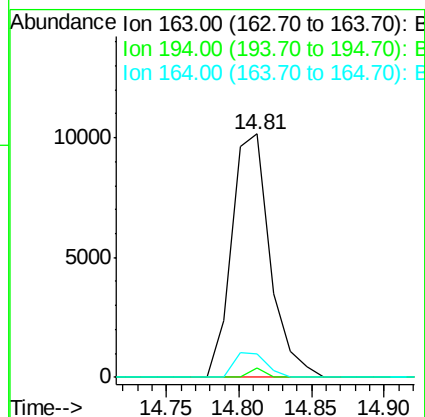
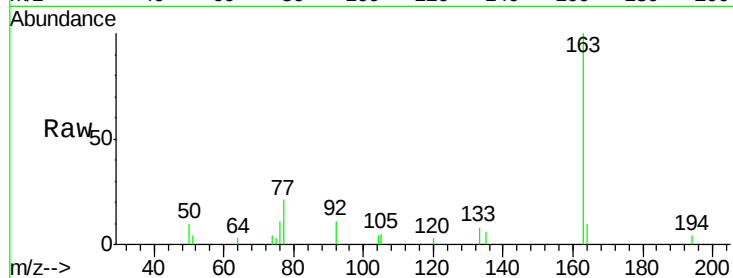
#49
Dimethylphthalate
Concen: 2.82 ng
RT: 14.81 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Instrument :
BNA_F
ClientSampleId :
GP-11(0-5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	4.4	6.6#
164	9.6	8.3	12.5

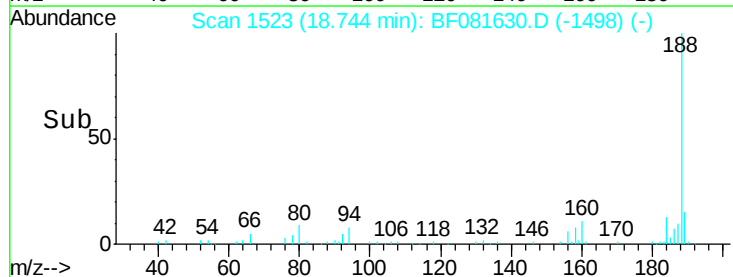
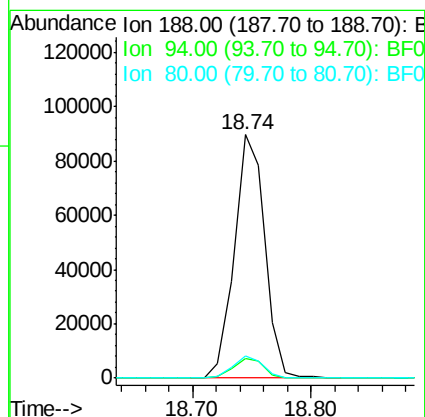
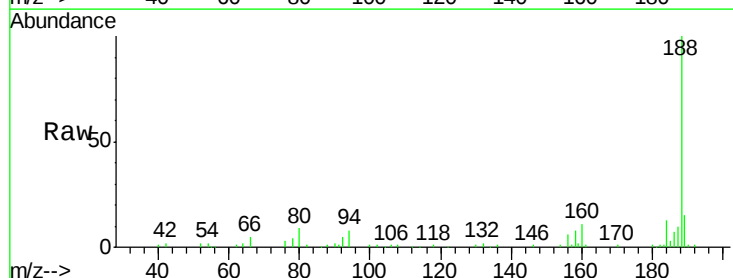
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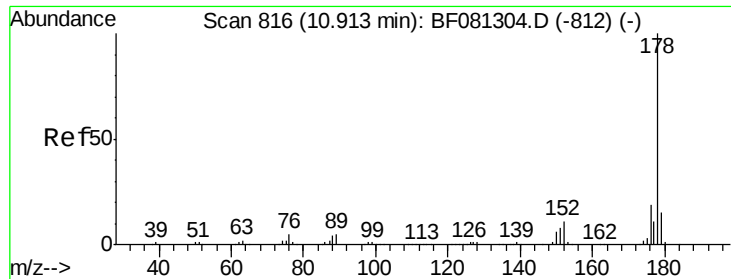
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.74 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	11.1	16.7#
80	9.2	11.0	16.4#





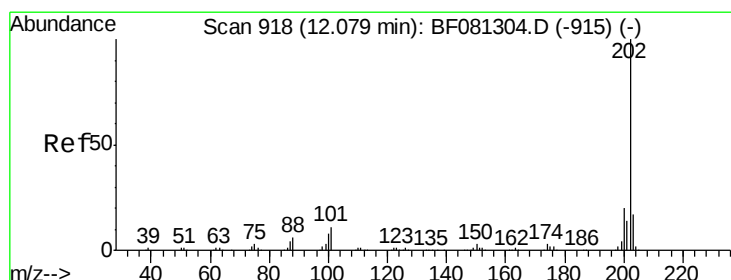
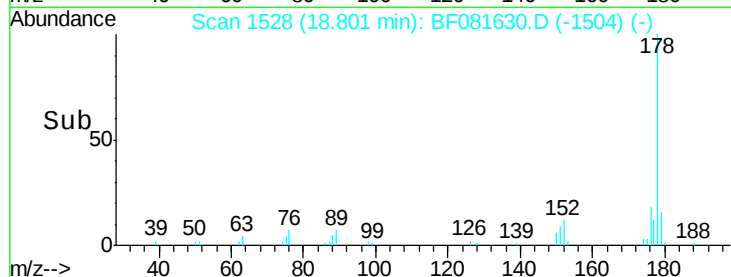
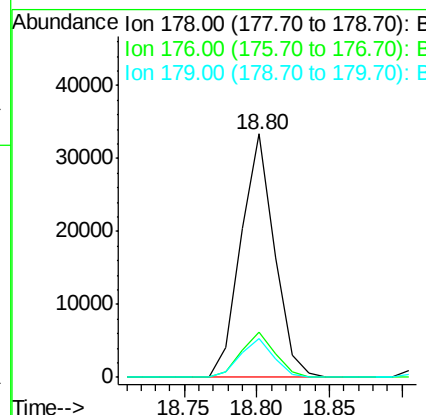
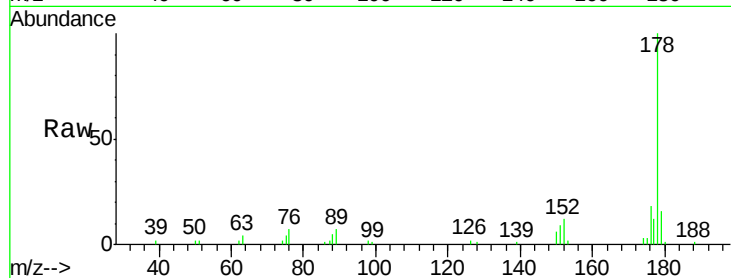
#70
Phenanthrene
Concen: 6.04 ng
RT: 18.80 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Instrument :
BNA_F
ClientSampleId :
GP-11(0-5)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	13.8	20.8
179	16.2	12.2	18.2

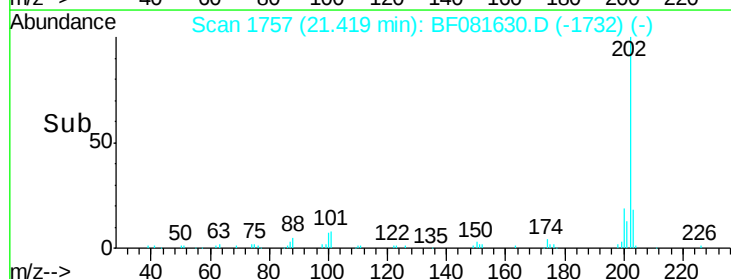
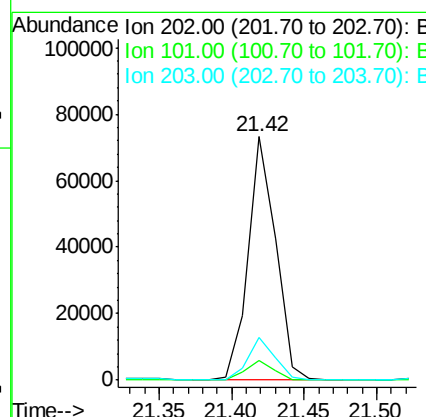
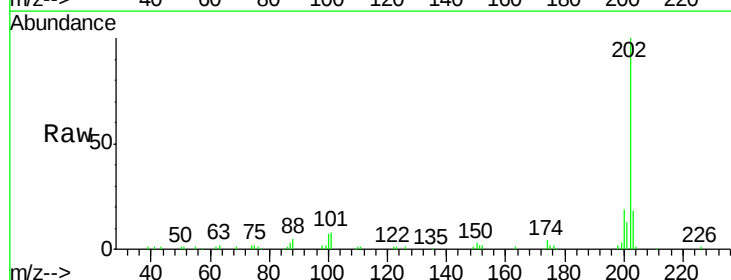
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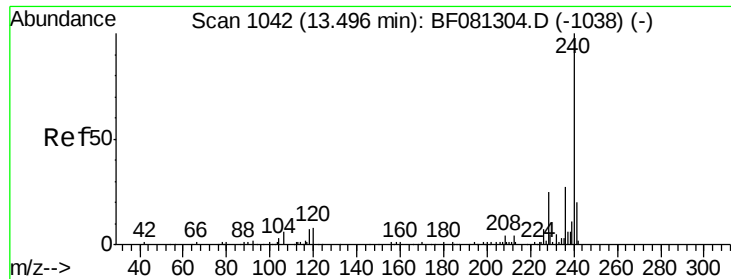
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#74
Fluoranthene
Concen: 10.04 ng
RT: 21.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	38.3
203	17.8	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.37 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

Instrument :

BNA_F

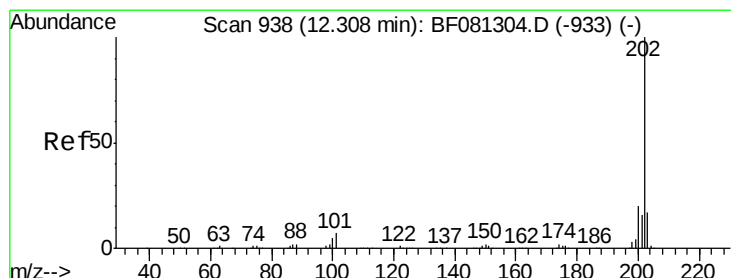
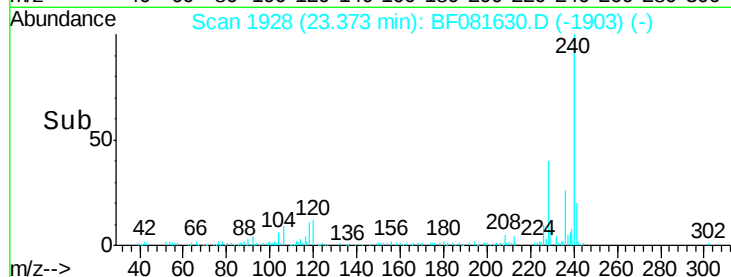
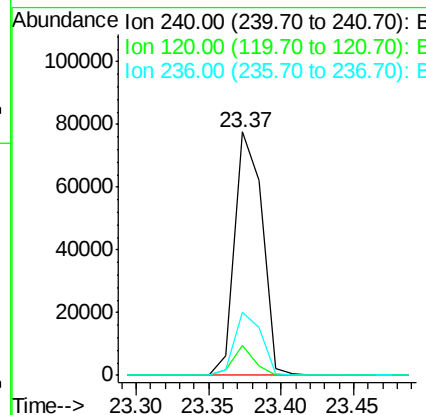
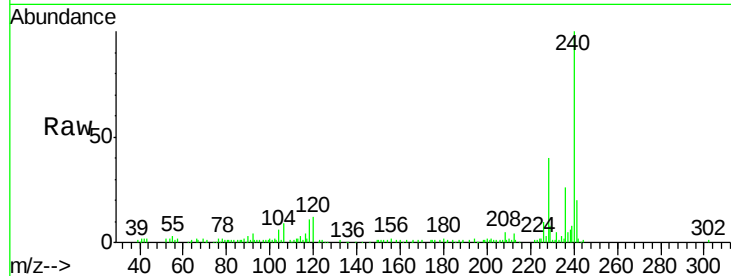
ClientSampleId :

GP-11(0-5)

Tgt Ion:	240	Resp:	102546
Ion Ratio		Lower	Upper
240	100		
120	12.2	16.2	24.2#
236	25.8	18.4	27.6

Manual Integrations
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#77

Pyrene

Concen: 12.99 ng

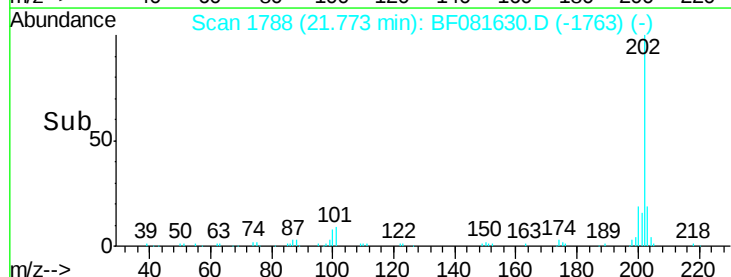
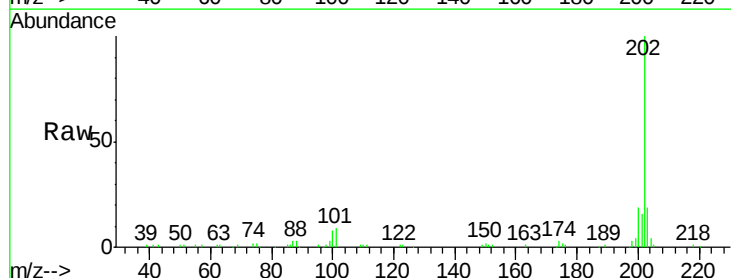
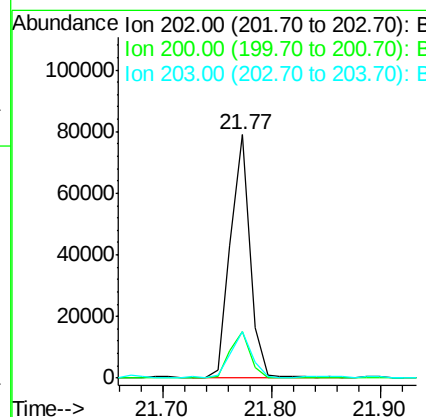
RT: 21.77 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

Tgt Ion:	202	Resp:	98673
Ion Ratio		Lower	Upper
202	100		
200	18.9	15.0	22.4
203	19.2	14.1	21.1





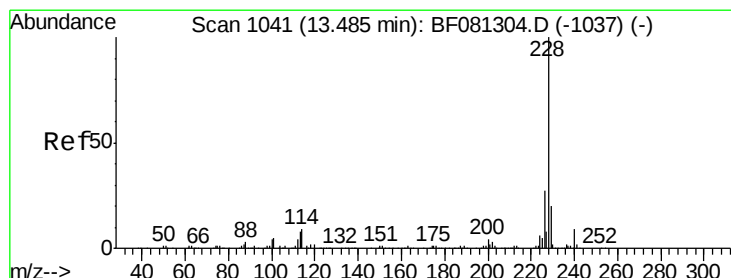
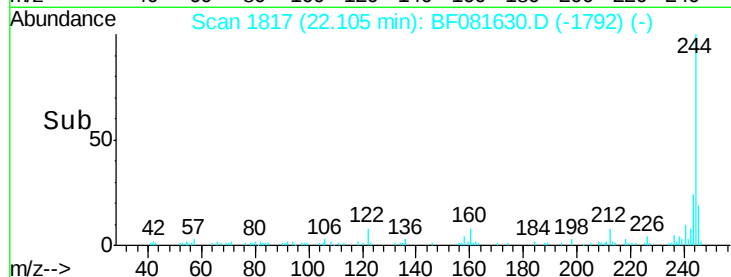
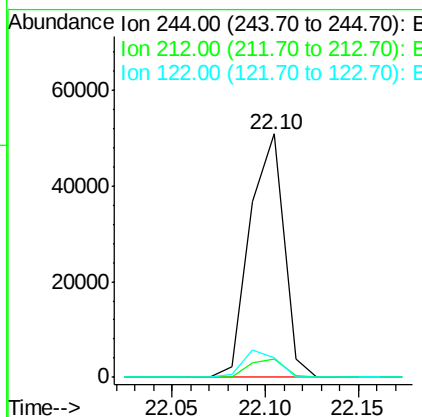
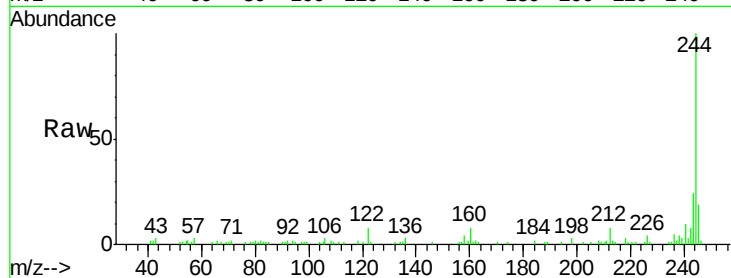
#78
 Terphenyl-d14
 Concen: 14.60 ng
 RT: 22.10 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :
 GP-11(0-5)

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	8.2	17.4	26.2#

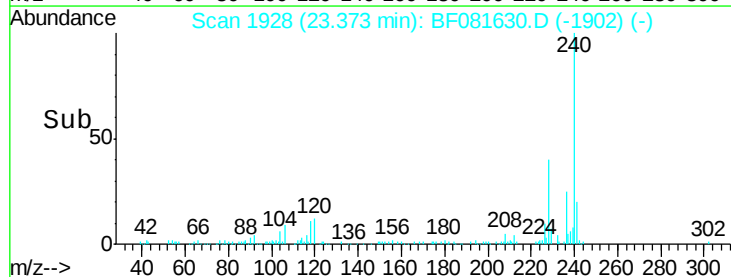
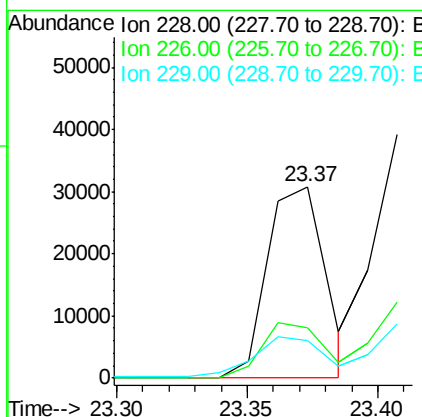
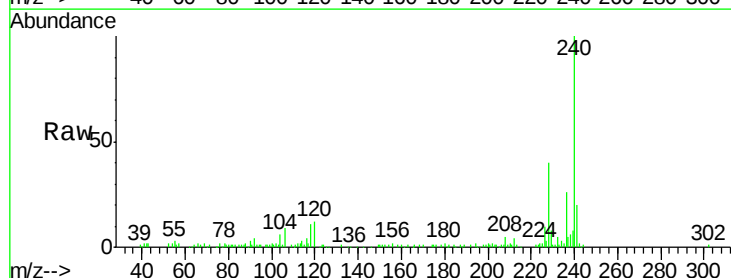
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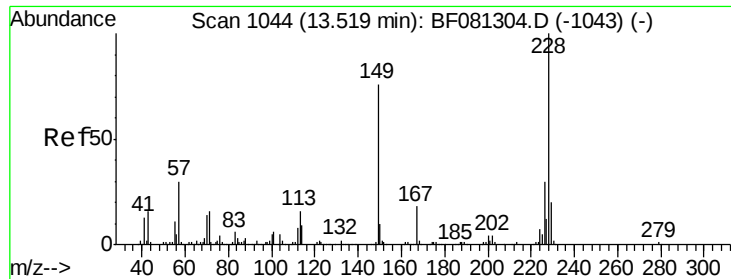
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#80
 Benzo(a)anthracene
 Concen: 7.29 ng
 RT: 23.37 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	26.4	20.0	30.0
229	19.9	15.4	23.2





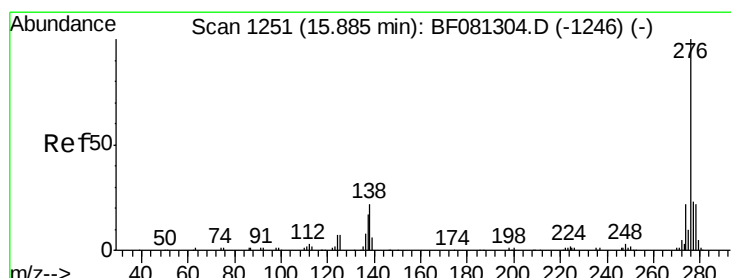
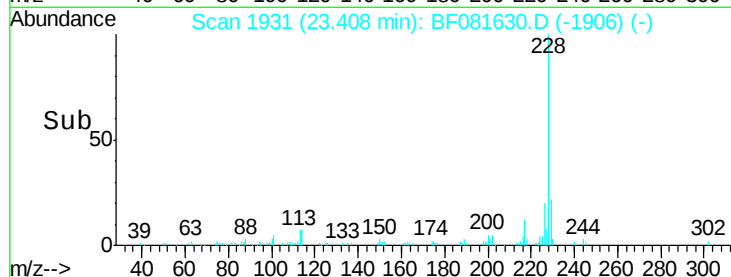
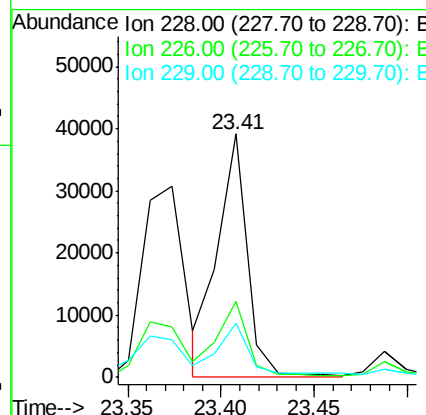
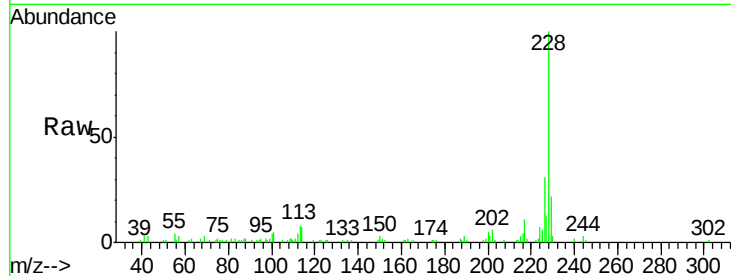
#82
Chrysene
Concen: 7.47 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Instrument :
BNA_F
ClientSampleId :
GP-11(0-5)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.0	31.4
229	22.4	15.6	23.4

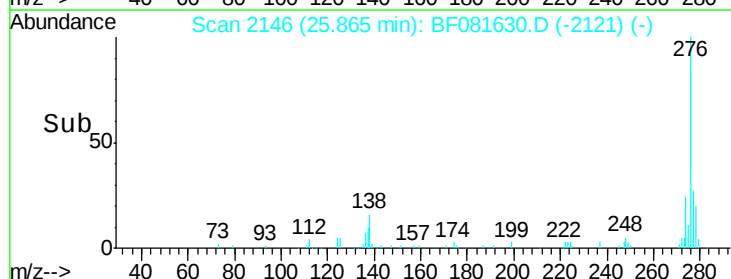
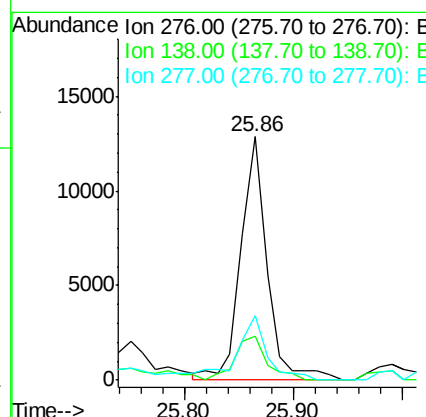
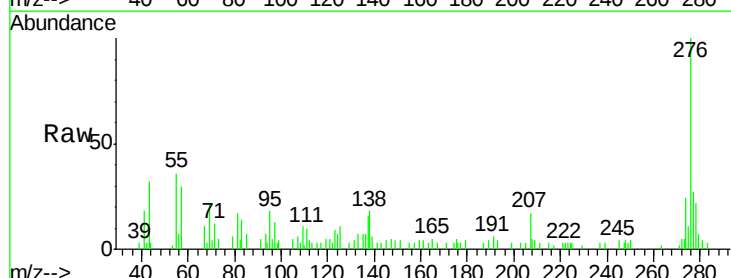
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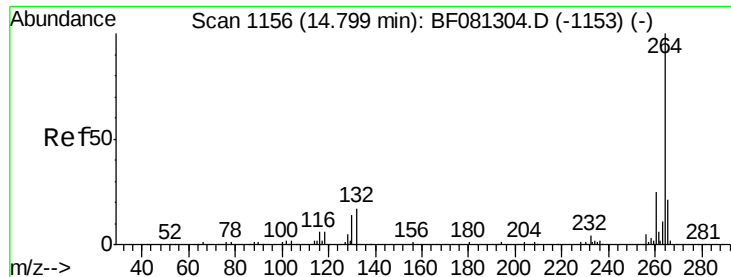
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.02 ng
RT: 25.86 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	25.7	38.5#
277	31.2	15.6	23.4#





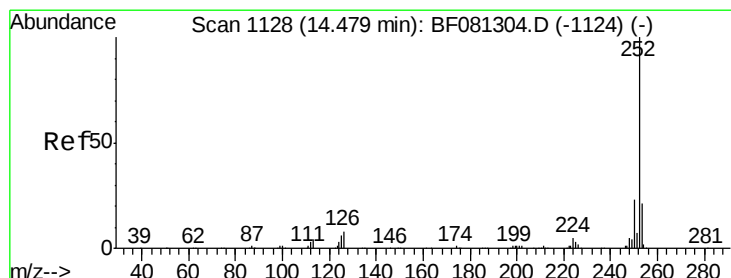
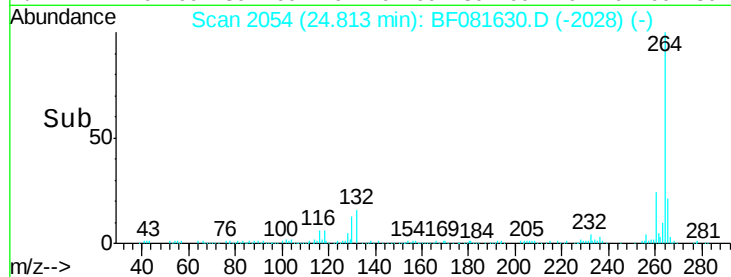
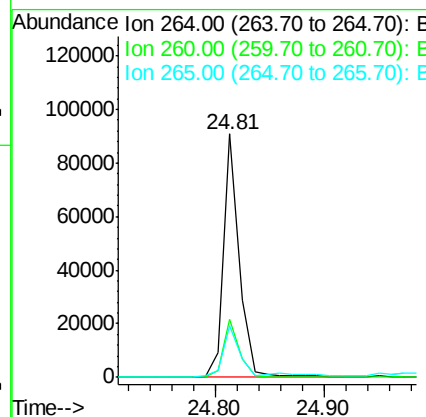
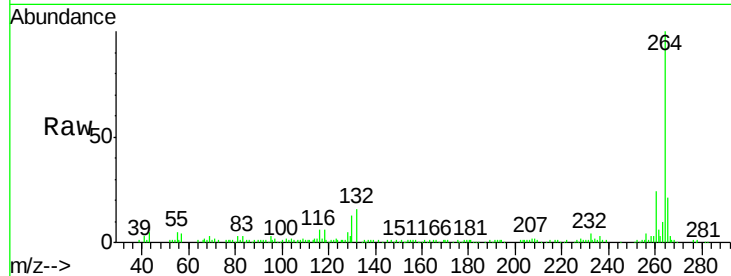
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Instrument :
BNA_F
ClientSampleId :
GP-11(0-5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.2	17.2	25.8

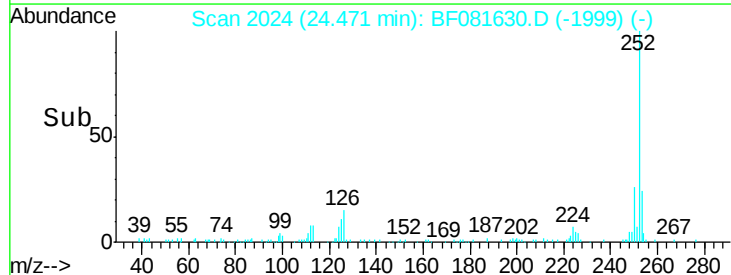
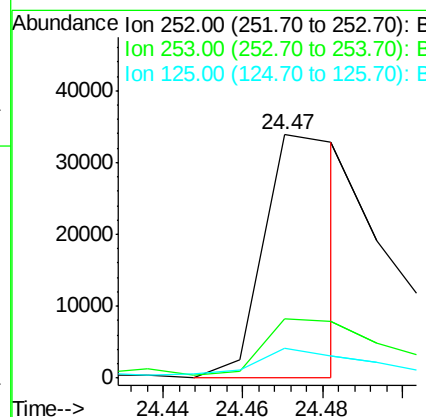
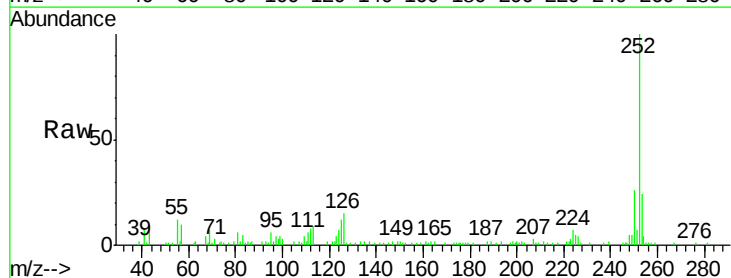
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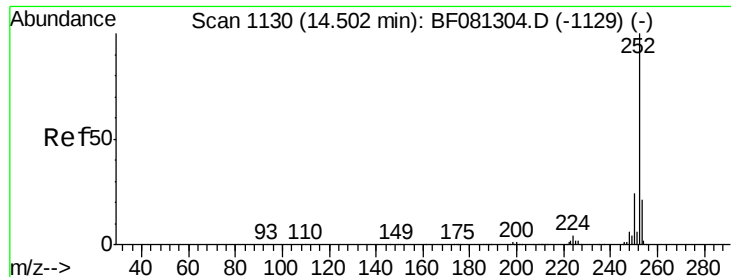
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#87
Benzo(b)fluoranthene
Concen: 7.23 ng m
RT: 24.47 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	12.3	17.1	25.7#





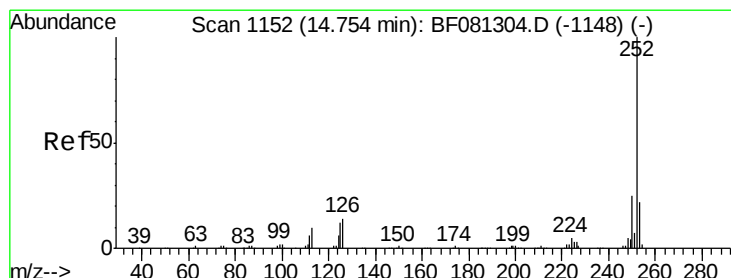
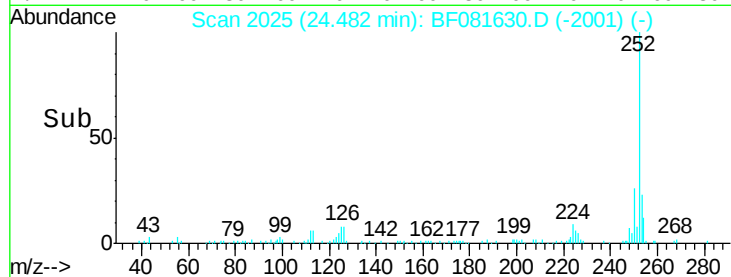
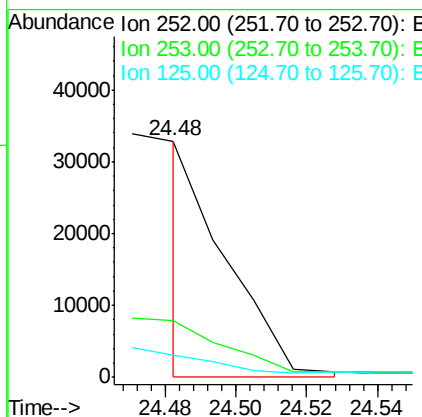
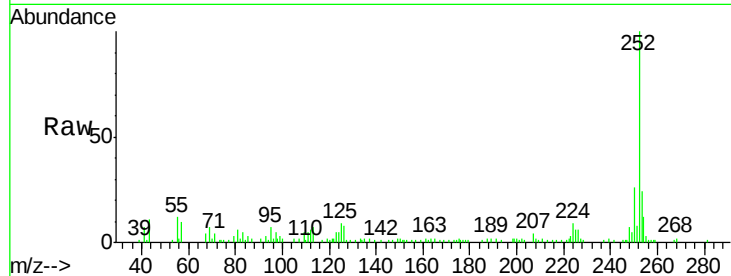
#88
Benzo(k)fluoranthene
Concen: 3.98 ng m
RT: 24.48 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Instrument :
BNA_F
ClientSampleId :
GP-11(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	21686		
253	24.3	17.0	25.4	
125	9.3	16.0	24.0	

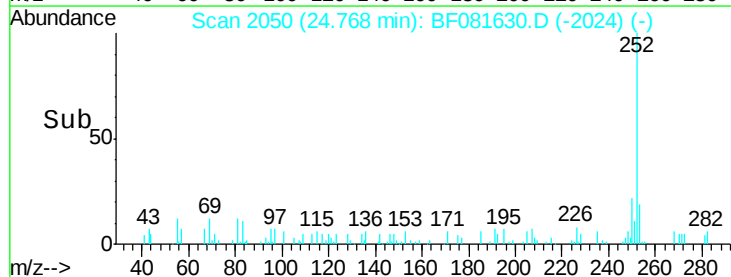
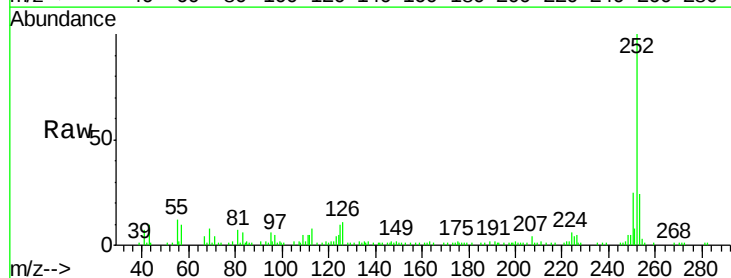
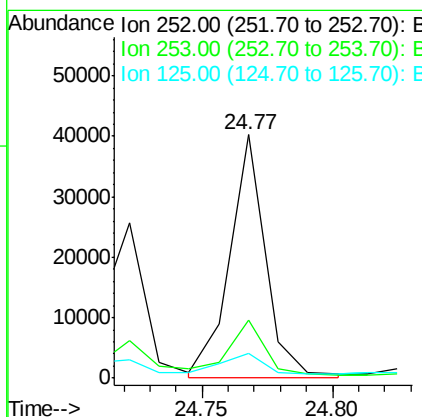
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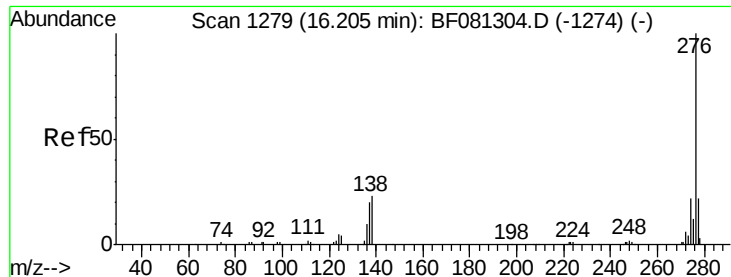
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#89
Benzo(a)pyrene
Concen: 7.00 ng
RT: 24.77 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	38923		
253	23.6	17.2	25.8	
125	10.0	18.0	27.0	





#91
 Benzo(g,h,i)perylene
 Concen: 5.02 ng
 RT: 26.16 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :
 GP-11(0-5)

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	25.0	17.8	26.6
138	25.3	34.6	51.8#

Manual Integrations
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