

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020076.D
 Acq On : 10 Dec 2015 15:20
 Operator : UM/SJ
 Sample : G4683-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S3-14.5

Manual Integrations
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 12/11/2015 6:02:26 PM

Quant Time: Dec 11 05:40:30 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19137	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	82105	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	55314	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	134503	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	162715	20.00	ng	-0.04
86) Perylene-d12	25.04	264	157024	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	90074	85.07	ng	-0.01
7) Phenol-d6	7.26	99	168292	105.27	ng	-0.01
23) Nitrobenzene-d5	9.28	82	130041	80.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	44392	52.45	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	295163	72.86	ng	-0.03
78) Terphenyl-d14	20.08	244	474725	71.16	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	80343	16.15	ng	96
70) Phenanthrene	17.52	178	121974	16.03	ng	96
71) Anthracene	17.61	178	24063	3.10	ng	95
74) Fluoranthene	19.52	202	209037	21.48	ng	93
77) Pyrene	19.89	202	180798	18.89	ng	94
80) Benzo(a)anthracene	21.73	228	108427	10.89	ng	98
82) Chrysene	21.80	228	96673	10.22	ng	96
85) Indeno(1,2,3-cd)pyrene	28.75	276	50188	4.82	ng	# 100
87) Benzo(b)fluoranthene	24.00	252	116255	11.68	ng	# 94
88) Benzo(k)fluoranthene	24.05	252	41754m	4.24	ng	
89) Benzo(a)pyrene	24.87	252	85780m	9.08	ng	
91) Benzo(a,h,i)perylene	29.93	276	45735	4.99	ng	# 89

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

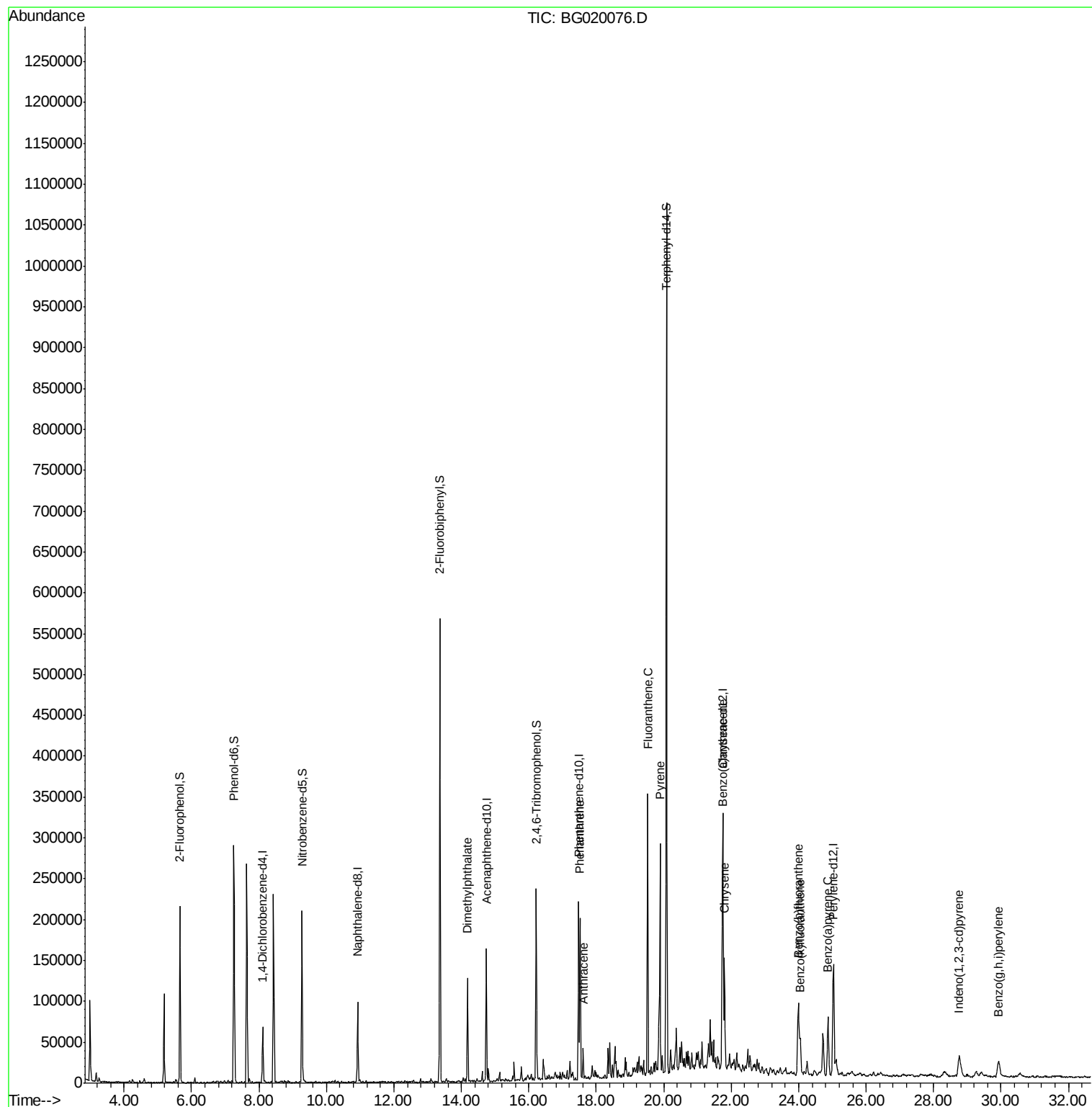
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

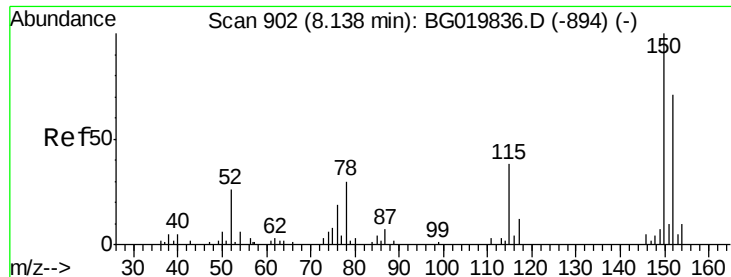
Instrument :
BNA_G
ClientSampleId :
S3-14.5

Manual Integrations
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Quant Time: Dec 11 05:40:30 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

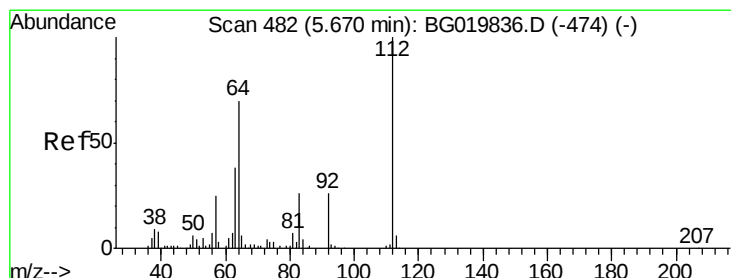
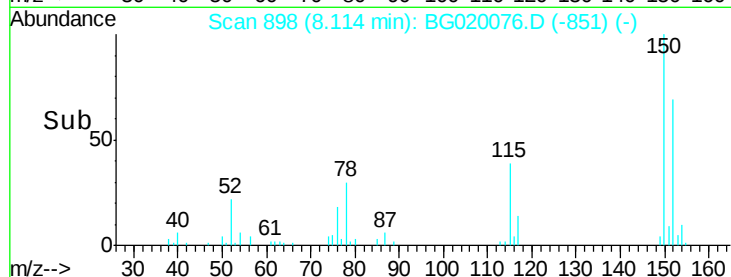
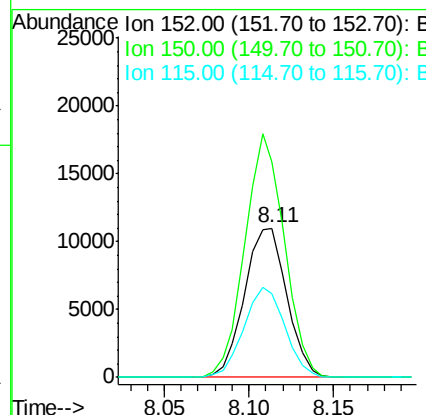
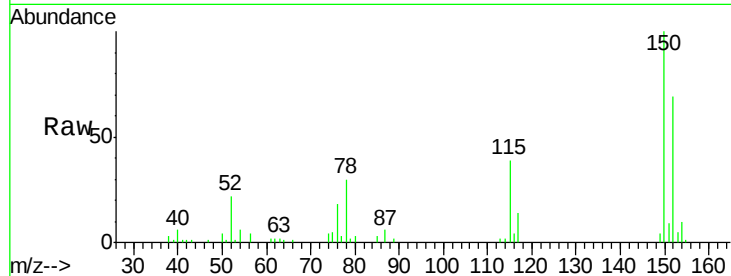
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Instrument :
BNA_G
ClientSampleId :
S3-14.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	115.0	172.4
115	56.2	43.9	65.9

Manual Integrations
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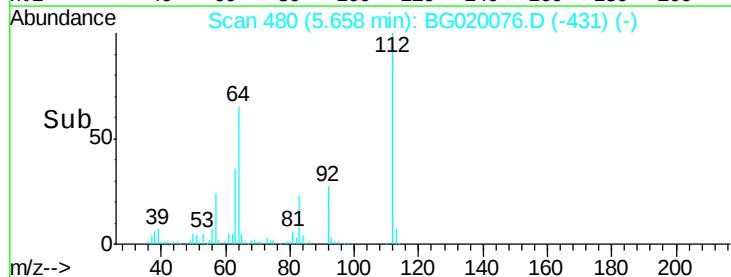
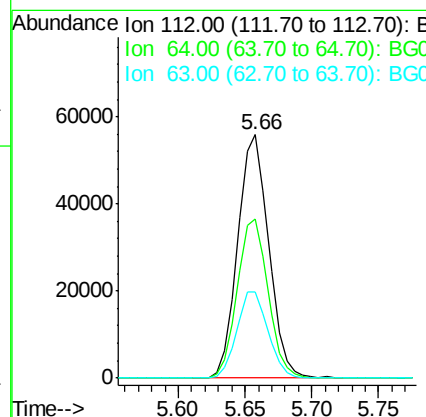
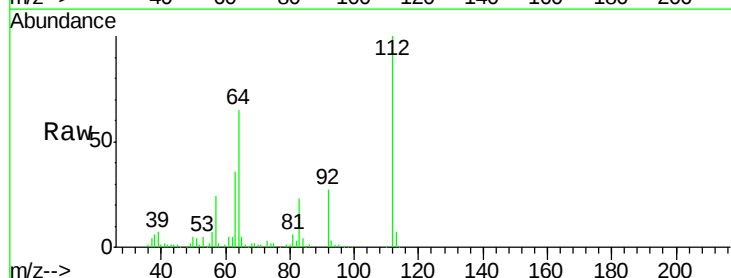
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#5

2-Fluorophenol
Concen: 85.07 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	43.7	65.5
63	35.6	24.0	36.0





#7

Phenol-d6

Concen: 105.27 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020076.D

Acq: 10 Dec 2015 15:20

Instrument :

BNA_G

ClientSampleId :

S3-14.5

Tot Ion: 99 Resp: 168292

Ion Ratio Lower Upper

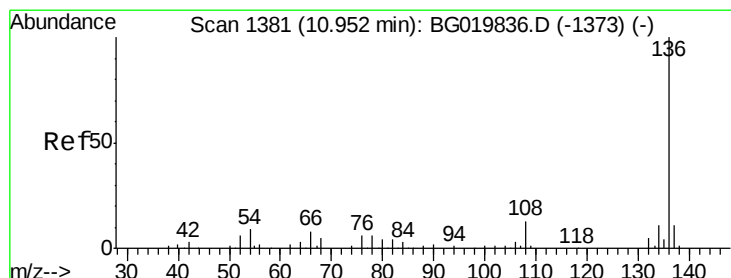
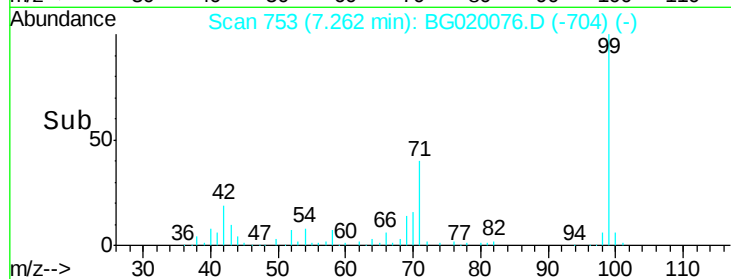
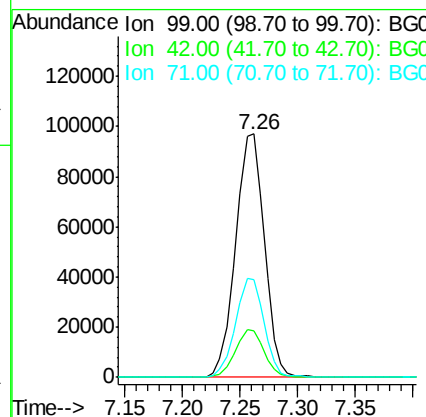
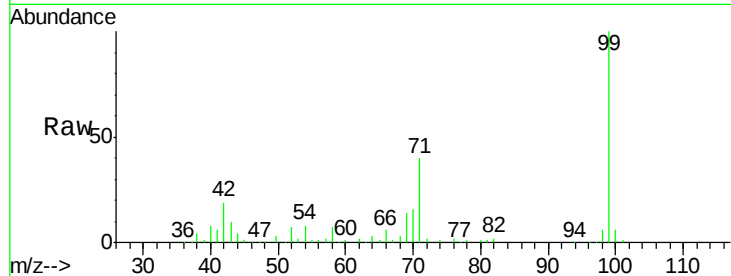
99 100

42 19.2 11.5 17.3#

71 40.2 22.6 34.0#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020076.D

Acq: 10 Dec 2015 15:20

Tgt Ion: 136 Resp: 82105

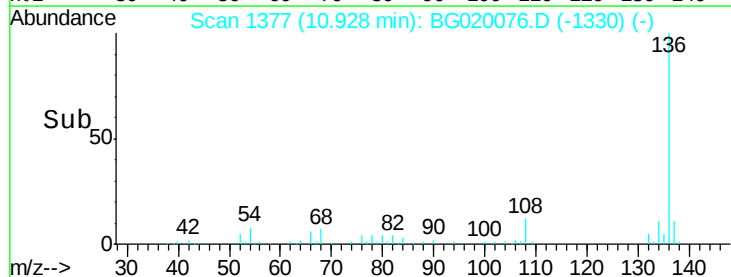
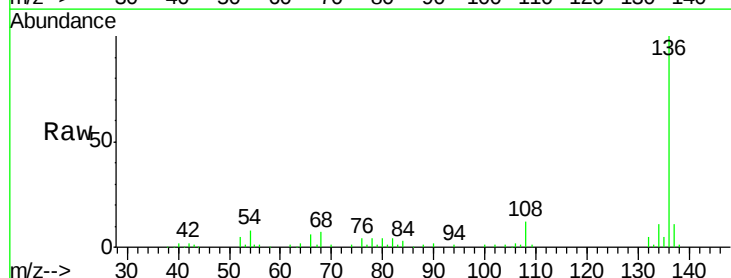
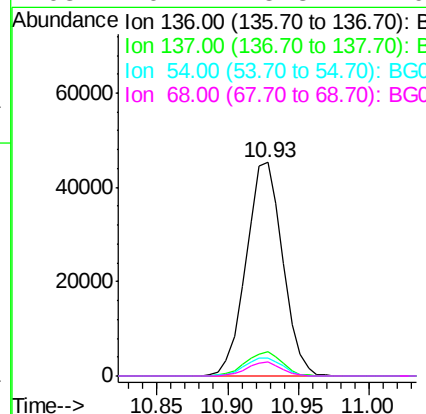
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 8.3 5.4 8.2#

68 6.7 5.3 7.9





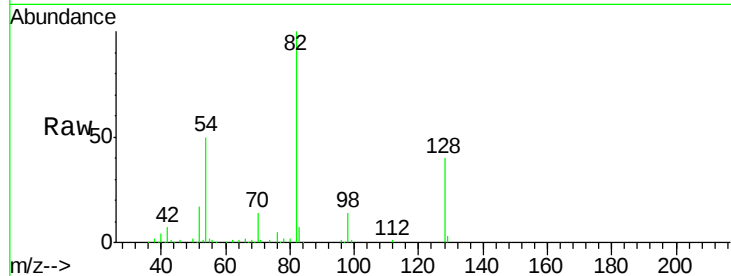
#23
Nitrobenzene-d5
Concen: 80.83 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Instrument :
BNA_G
ClientSampled :
S3-14.5

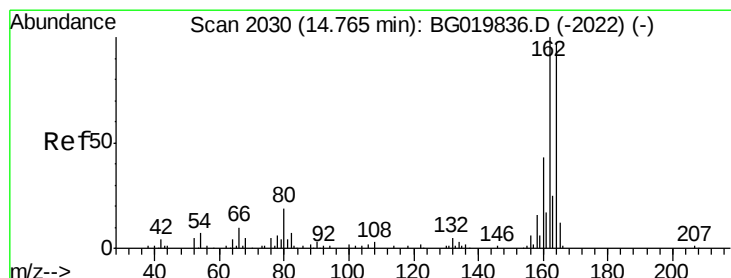
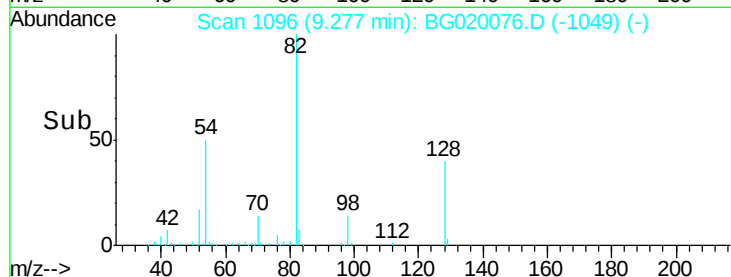
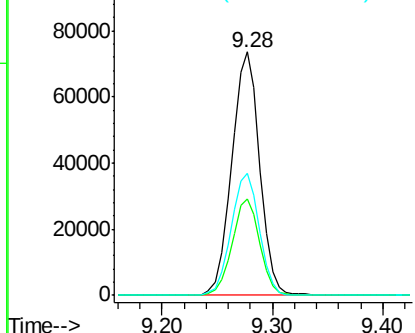
Tot Ion	Ratio	Resp	Lower	Upper
82	100	130041		
128	39.6		36.7	55.1
54	50.0		33.8	50.8

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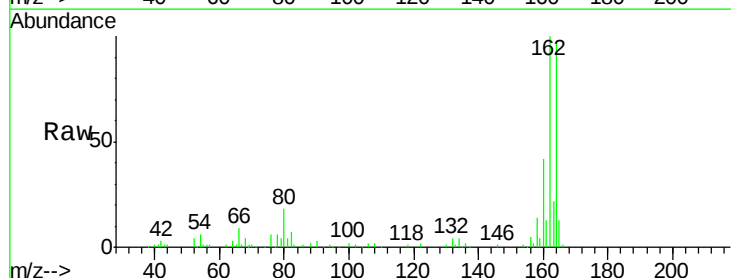


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

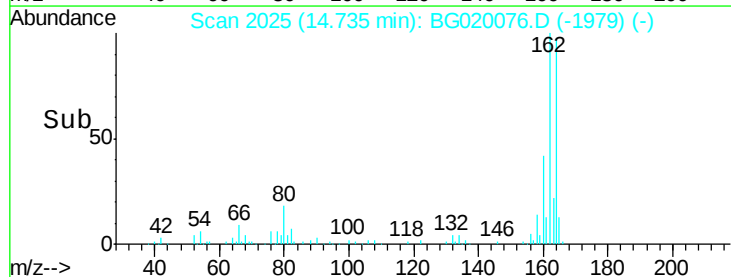
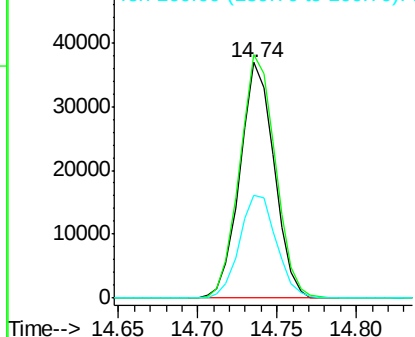


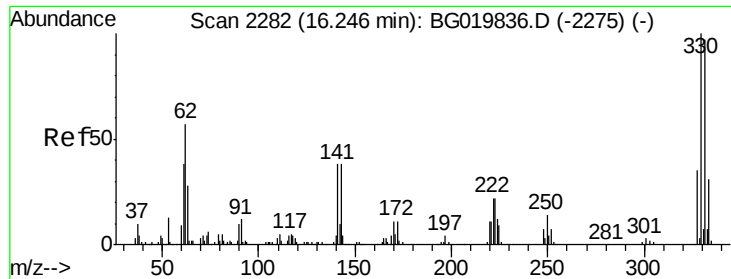
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55314		
162	103.5		78.8	118.2
160	43.8		36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





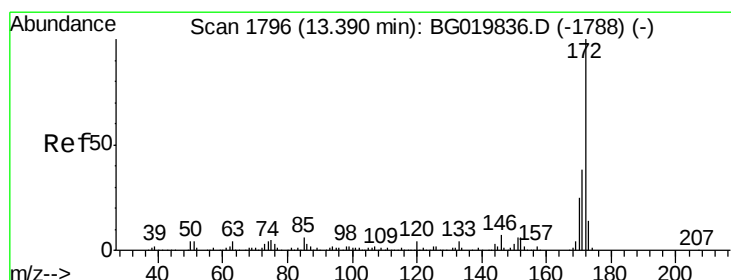
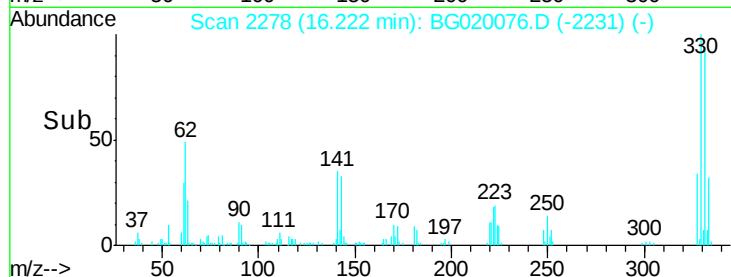
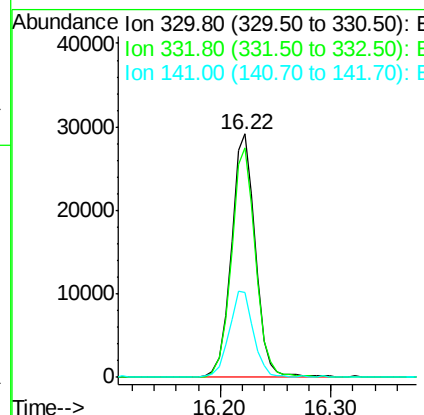
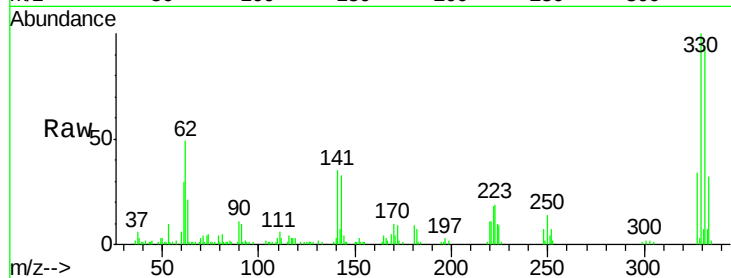
#41
 2,4,6-Tribromophenol
 Concen: 52.45 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020076.D
 Acq: 10 Dec 2015 15:20

Instrument :
 BNA_G
 ClientSampleId :
 S3-14.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	44392		
332	94.2		78.1	117.1
141	35.5		28.2	42.2

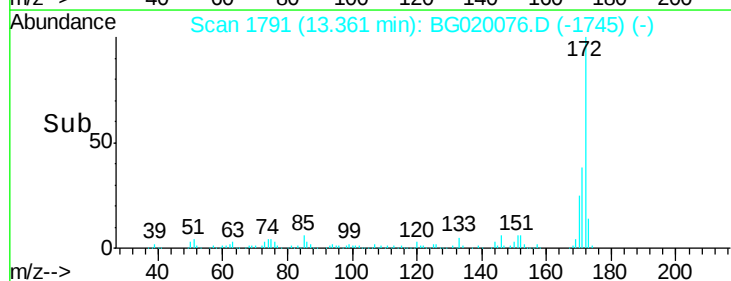
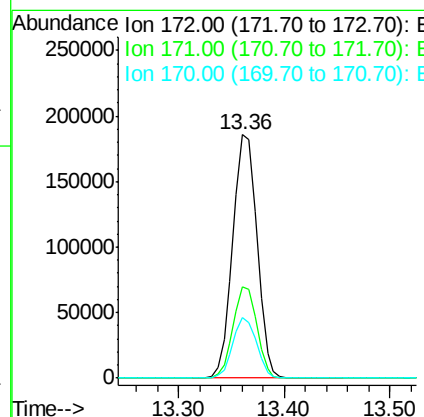
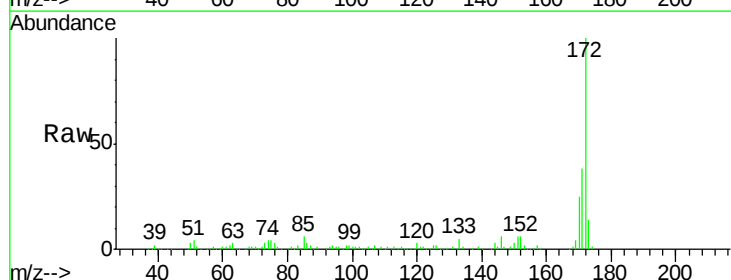
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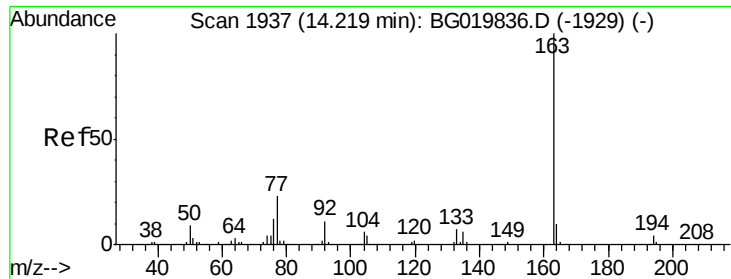
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#44
 2-Fluorobiphenyl
 Concen: 72.86 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020076.D
 Acq: 10 Dec 2015 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	295163		
171	37.7		29.0	43.6
170	24.8		19.9	29.9





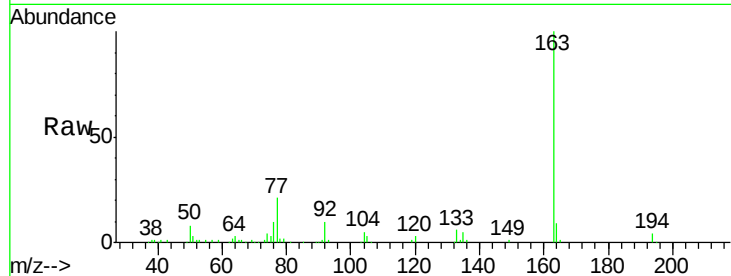
#49
Dimethylphthalate
Concen: 16.15 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.04 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Instrument :
BNA_G
ClientSampleId :
S3-14.5

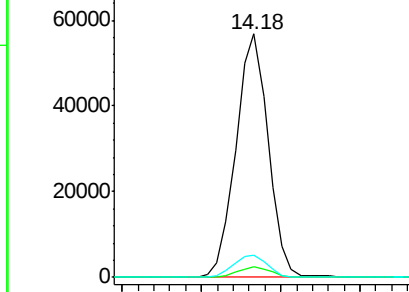
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.1	4.7
164	9.3	8.8	13.2

Manual Integrations
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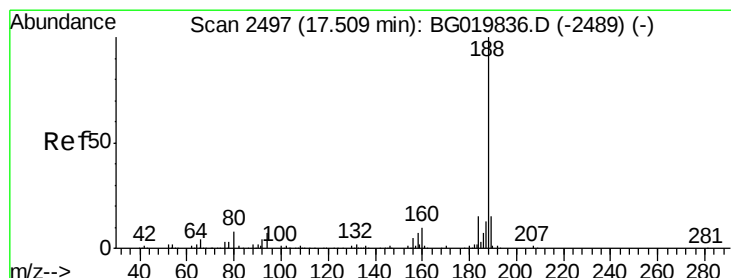
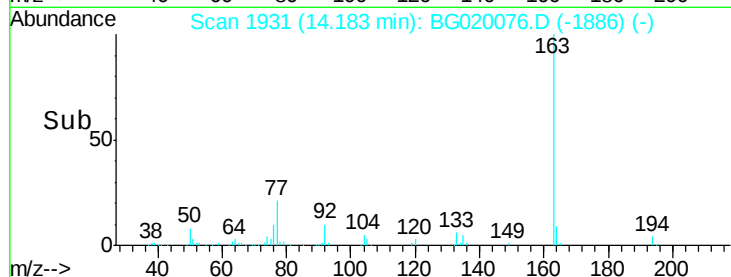
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

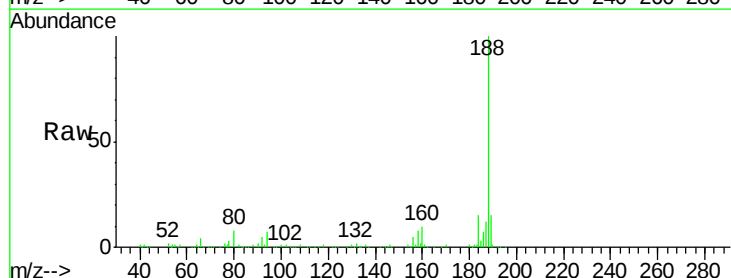


Time-->

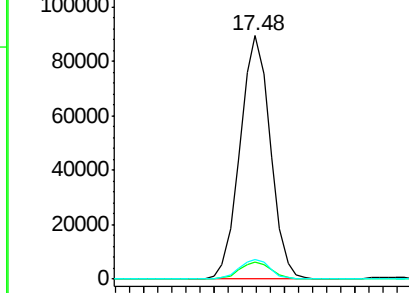


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

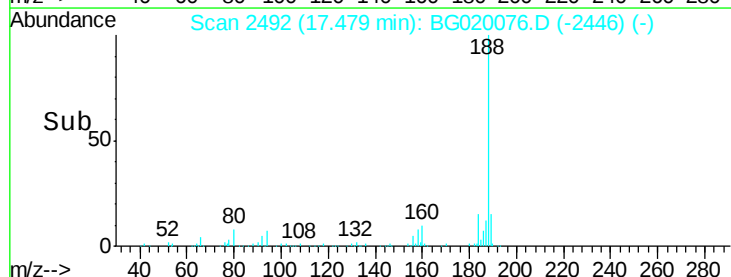
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.7	11.5#
80	8.3	7.8	11.8

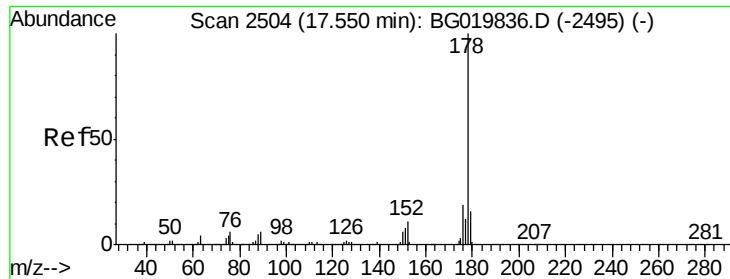


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



Time-->





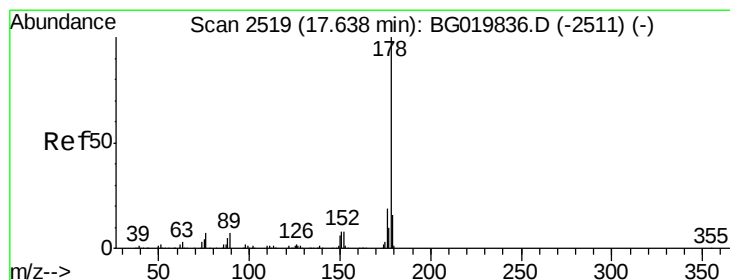
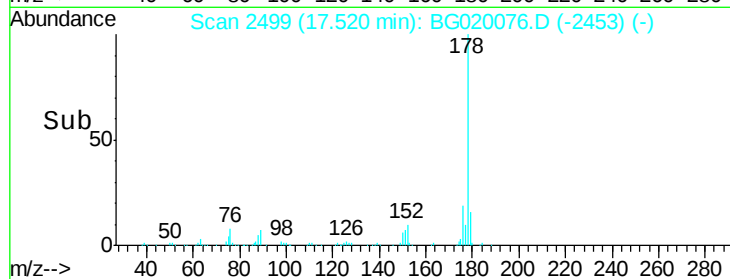
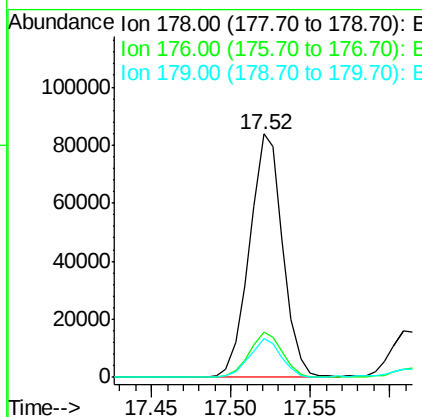
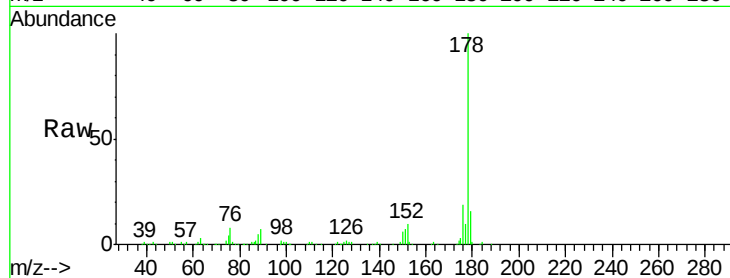
#70
Phenanthrene
Concen: 16.03 ng
RT: 17.52 min Scan# 2499
Delta R.T. -0.03 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Instrument :
BNA_G
ClientSampleId :
S3-14.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.7	25.1
179	15.8	13.9	20.9

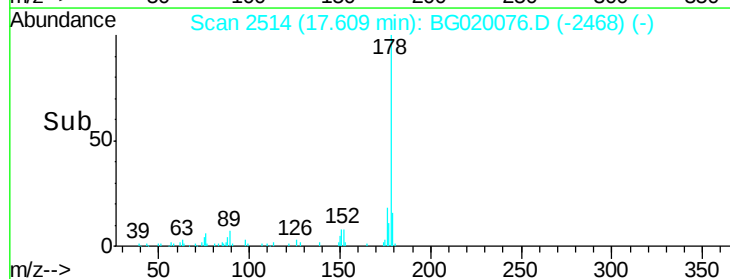
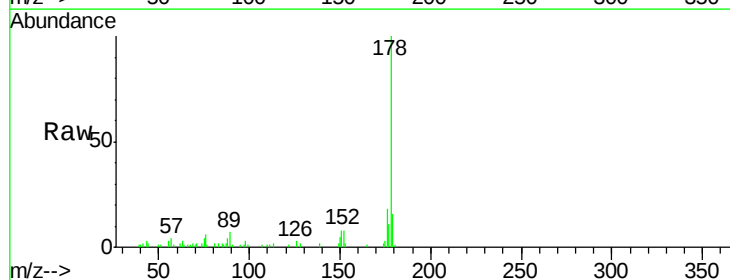
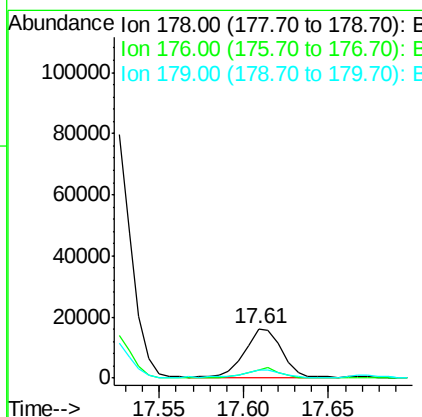
Manual Integrations
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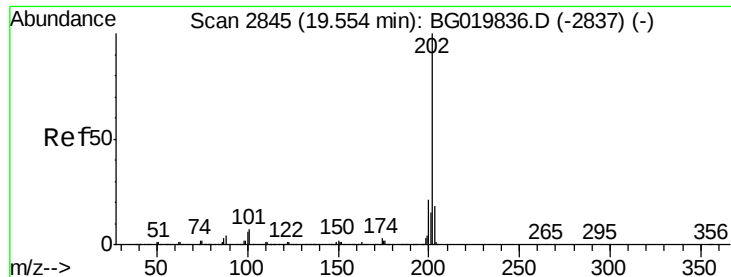
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#71
Anthracene
Concen: 3.10 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.03 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	16.8	25.2
179	16.1	13.9	20.9





#74

Fluoranthene

Concen: 21.48 ng

RT: 19.52 min Scan# 2840

Delta R.T. -0.03 min

Lab File: BG020076.D

Acq: 10 Dec 2015 15:20

Instrument :

BNA_G

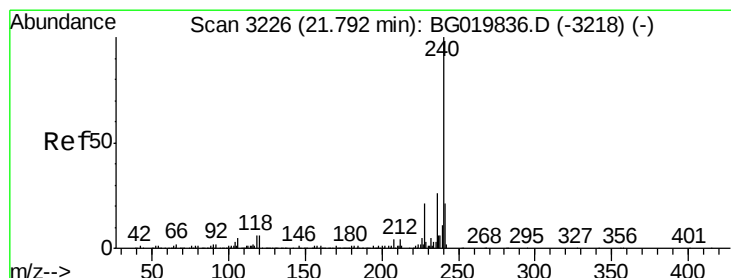
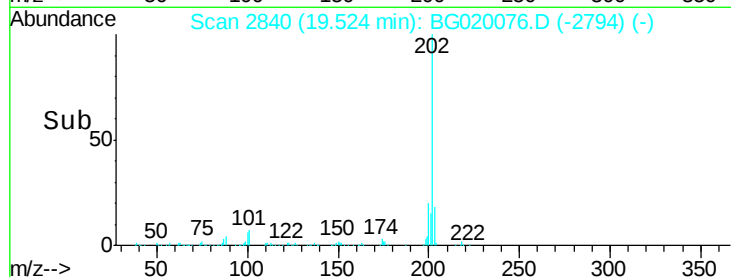
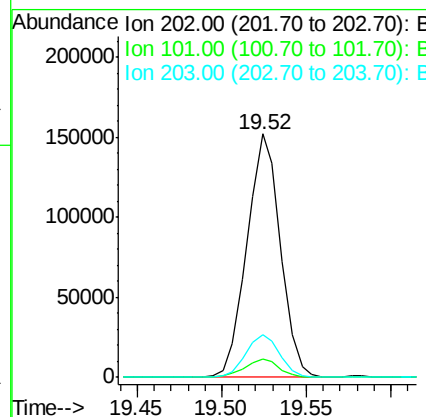
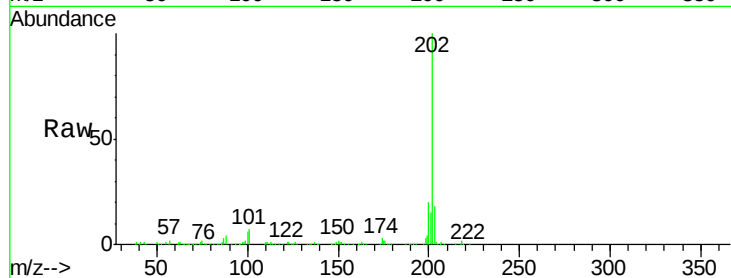
ClientSampleId :

S3-14.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	0.0	32.4
203	17.7	0.0	39.5

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

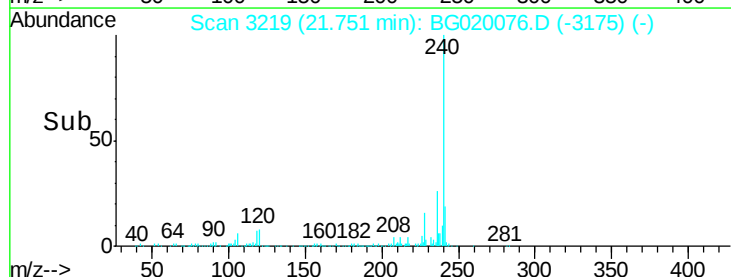
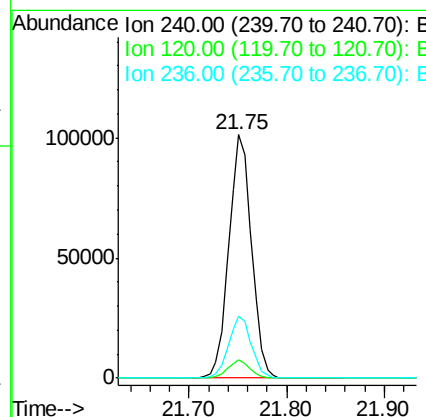
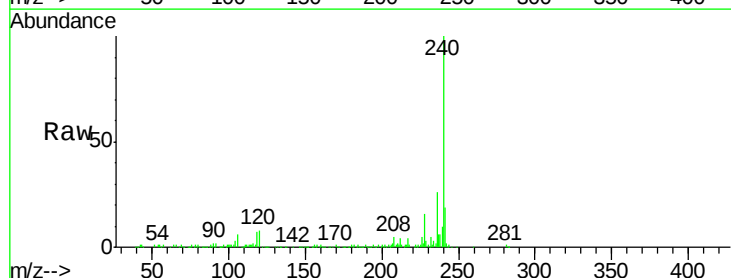
RT: 21.75 min Scan# 3219

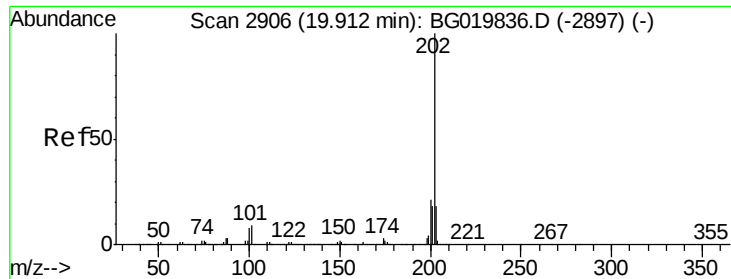
Delta R.T. -0.04 min

Lab File: BG020076.D

Acq: 10 Dec 2015 15:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.6	7.4	11.0
236	25.5	20.7	31.1





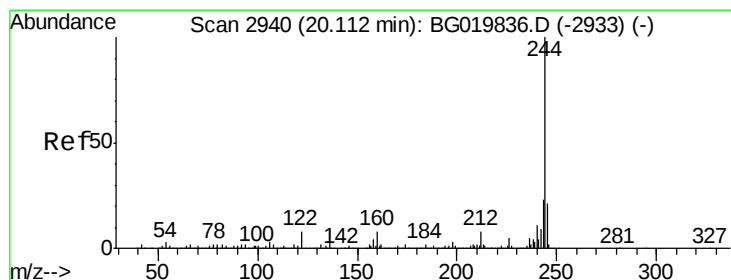
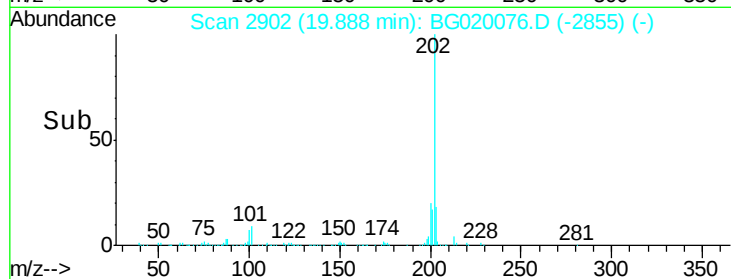
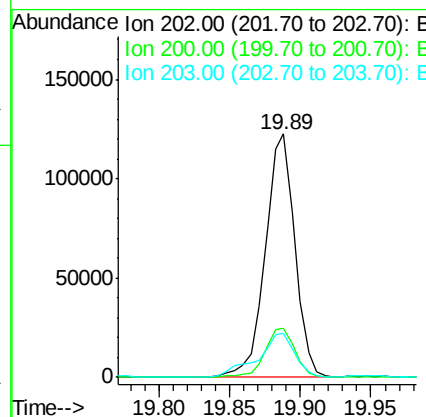
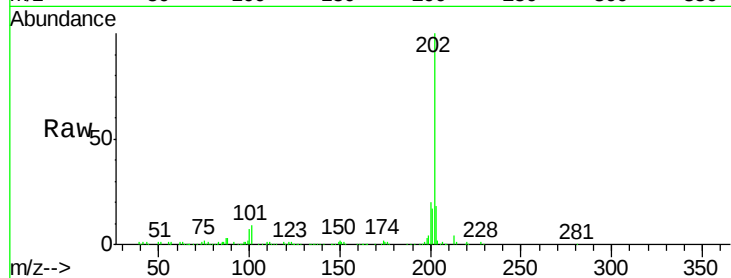
#77
Pvrene
Concen: 18.89 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Instrument :
BNA_G
ClientSampleId :
S3-14.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	19.4	29.0
203	18.0	15.5	23.3

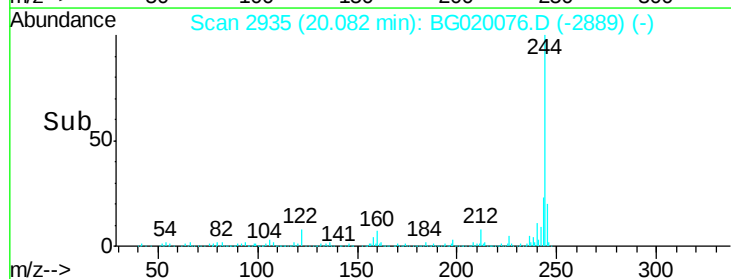
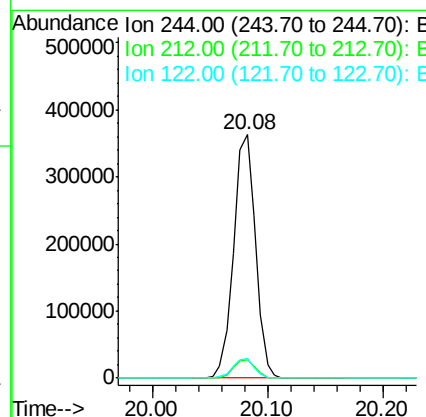
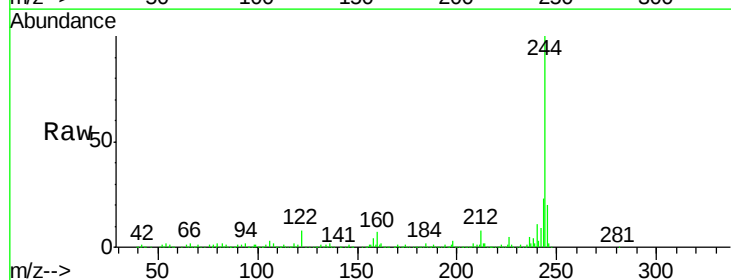
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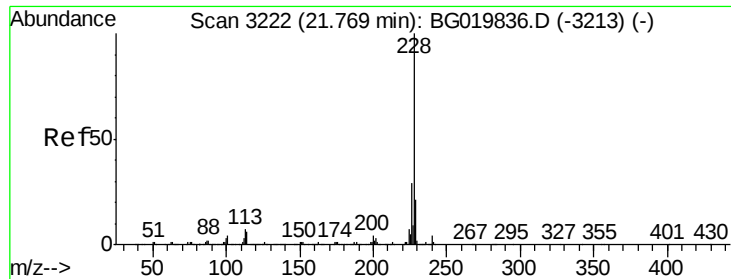
MMdadoda
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#78
Terphenyl-d14
Concen: 71.16 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	6.9	10.3
122	7.8	10.2	15.2#





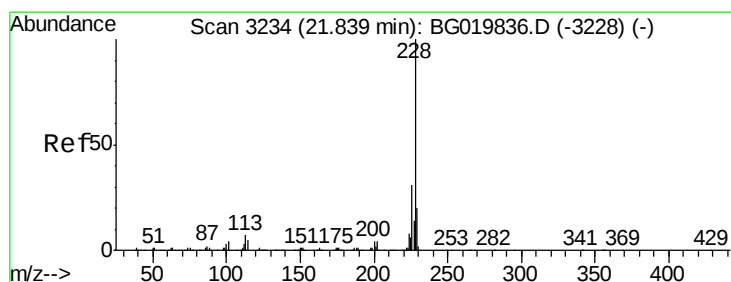
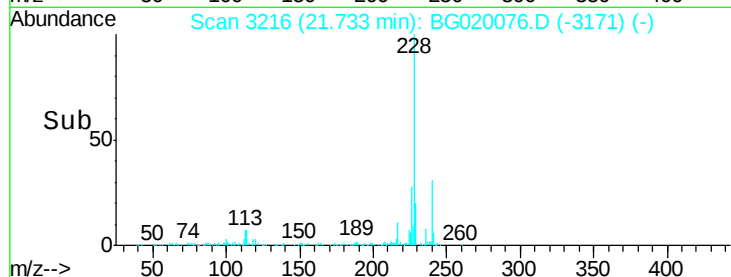
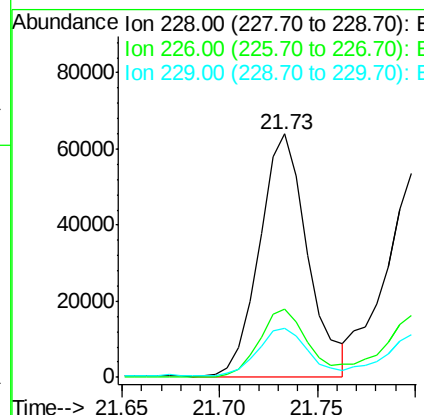
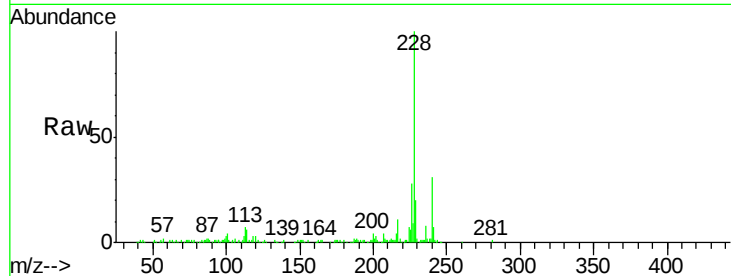
#80
Benzo(a)anthracene
Concen: 10.89 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.04 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Instrument :
BNA_G
ClientSampleId :
S3-14.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.0
229	20.2	16.6	25.0

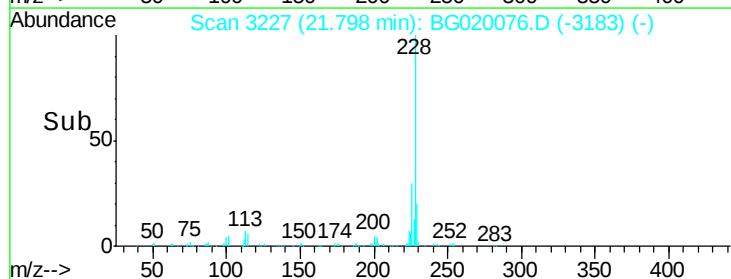
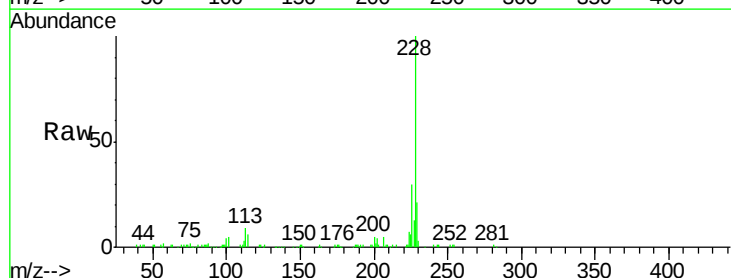
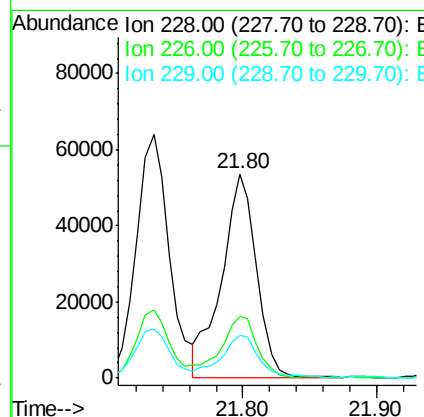
Manual Integrations
APPROVED

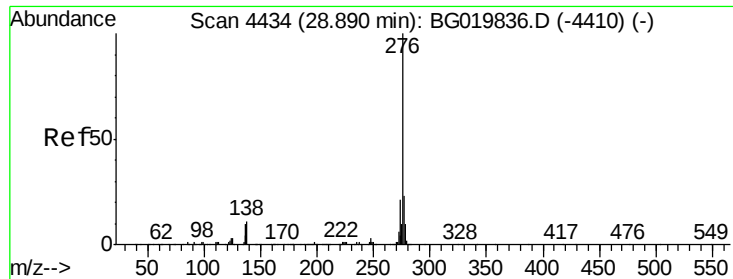
MMdadoda
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#82
Chrysene
Concen: 10.22 ng
RT: 21.80 min Scan# 3227
Delta R.T. -0.04 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	26.7	40.1
229	20.9	17.0	25.6





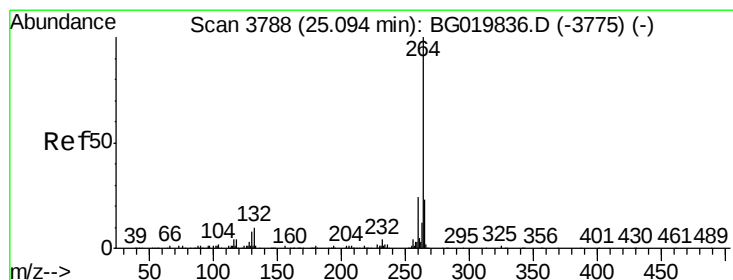
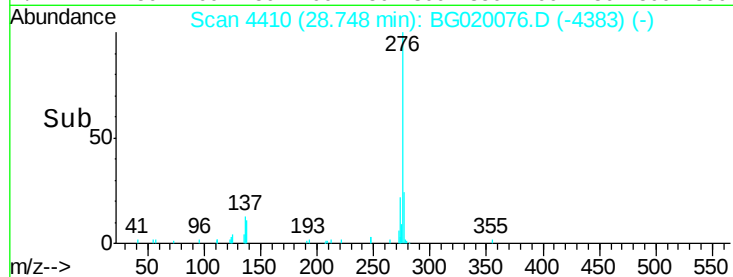
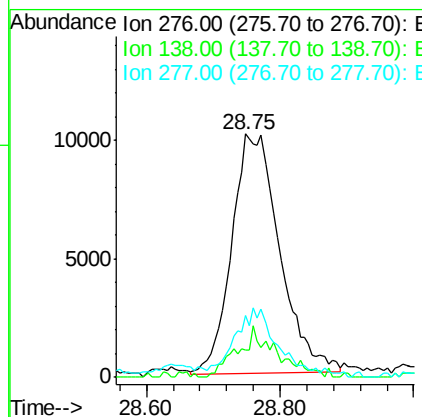
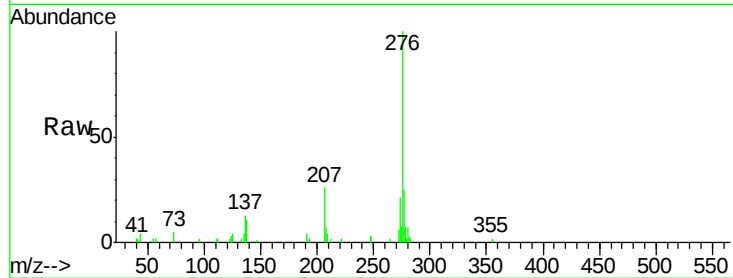
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.82 ng
RT: 28.75 min Scan# 4410
Delta R.T. -0.14 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Instrument :
BNA_G
ClientSampleId :
S3-14.5

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	1.1	0.0	0.0#
277	20.7	0.0	0.0#

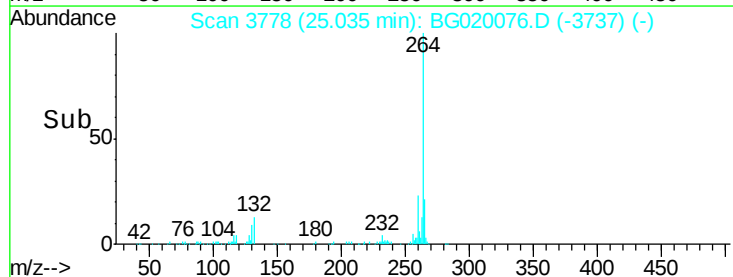
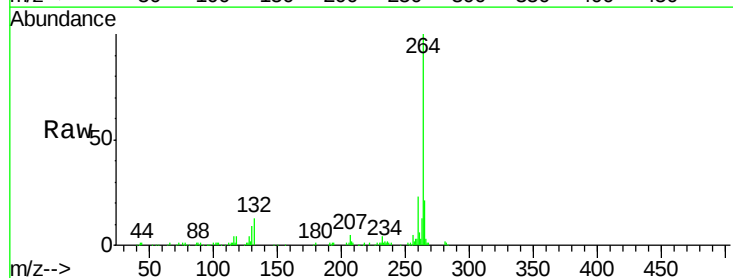
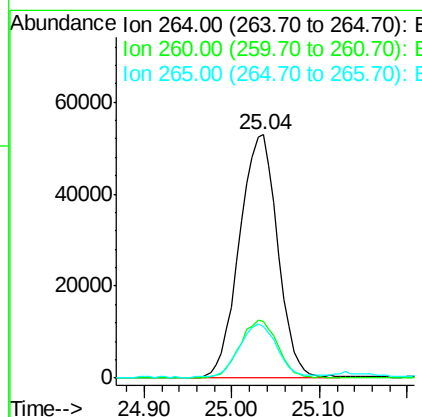
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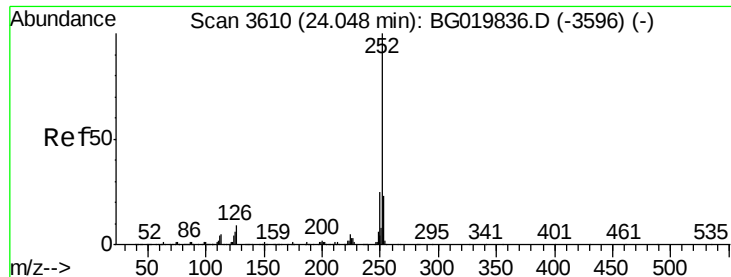
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 11.68 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG020076.D

Acq: 10 Dec 2015 15:20

Instrument :

BNA_G

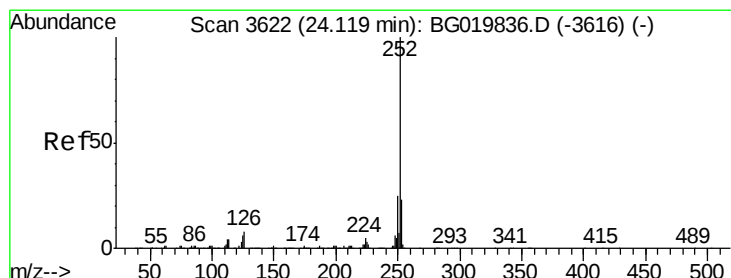
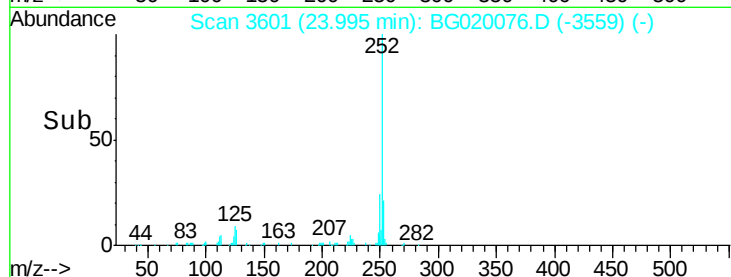
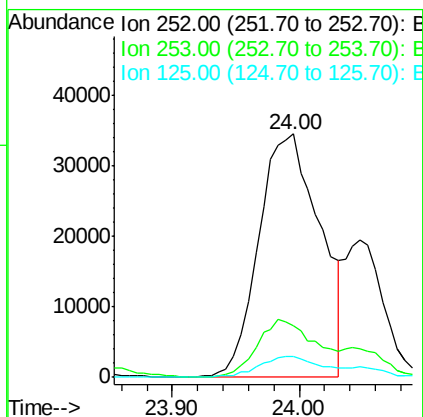
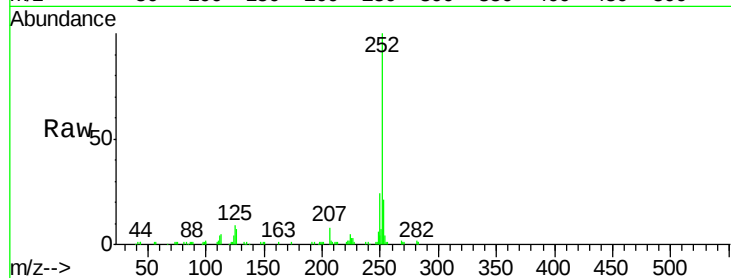
ClientSampleId :

S3-14.5

Tot Ion:	252	Resp:	116255
Ion Ratio	Lower	Upper	
252	100		
253	21.3	19.1	28.7
125	8.6	8.9	13.3#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 4.24 ng m

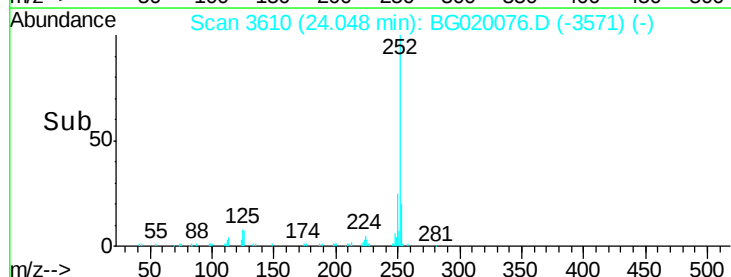
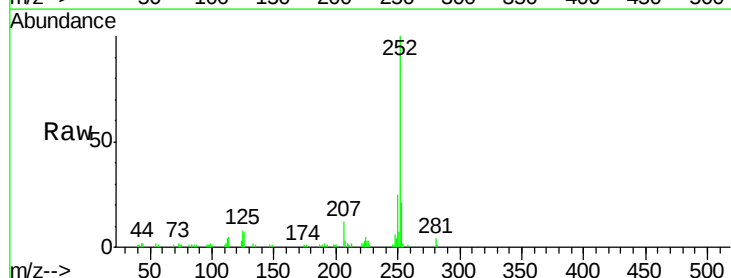
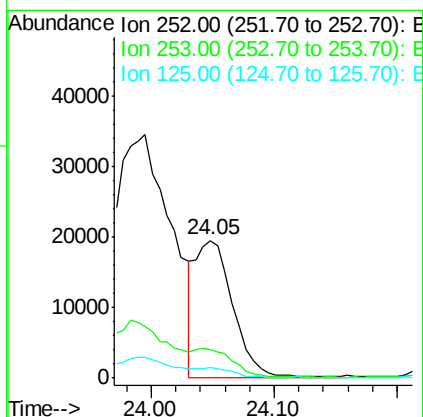
RT: 24.05 min Scan# 3610

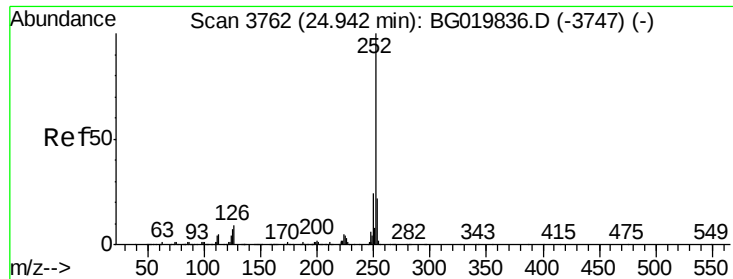
Delta R.T. -0.07 min

Lab File: BG020076.D

Acq: 10 Dec 2015 15:20

Tgt Ion:	252	Resp:	41754
Ion Ratio	Lower	Upper	
252	100		
253	20.8	19.0	28.4
125	8.1	8.9	13.3#





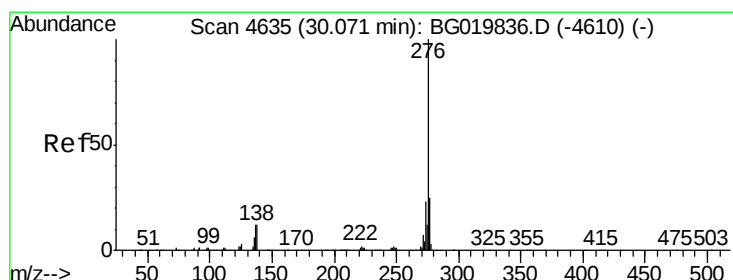
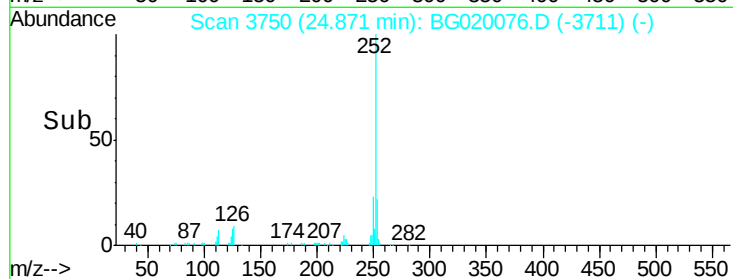
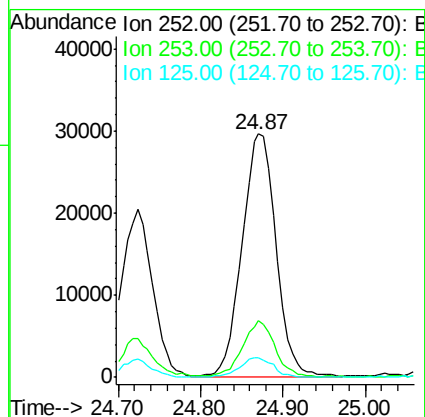
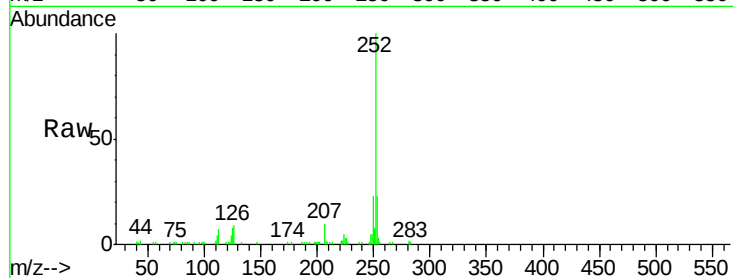
#89
Benzo(a)pyrene
Concen: 9.08 ng/ml
RT: 24.87 min Scan# 3750
Delta R.T. -0.07 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Instrument :
BNA_G
ClientSampleId :
S3-14.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	8.3	9.1	13.7

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#91
Benzo(g,h,i)perylene
Concen: 4.99 ng/ml
RT: 29.93 min Scan# 4611
Delta R.T. -0.14 min
Lab File: BG020076.D
Acq: 10 Dec 2015 15:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.5	18.4	27.6
138	13.7	17.4	26.0

