

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021179.D
 Acq On : 1 Mar 2016 8:48
 Operator : UM/SJ
 Sample : H1521-09RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-3(0-2)RE

Manual Integrations
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Quant Time: Mar 01 11:10:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	13738	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	65725	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	35289	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	74312	20.00	ng	0.00
75) Chrysene-d12	21.76	240	77217	20.00	ng	0.00
86) Perylene-d12	25.03	264	71738	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	123703	143.15	ng	0.00
7) Phenol-d6	7.30	99	190642	134.16	ng	0.00
23) Nitrobenzene-d5	9.32	82	137278	88.38	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	42473	115.68	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	189763	76.36	ng	0.00
78) Terphenyl-d14	20.08	244	222777	69.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.20	163	41696	13.26	ng	100
70) Phenanthrene	17.53	178	28562	7.12	ng	95
74) Fluoranthene	19.53	202	44373	9.42	ng	100
77) Pyrene	19.89	202	37044	8.04	ng	97
79) Butylbenzylphthalate	20.78	149	964095	410.10	ng	# 89
80) Benzo(a)anthracene	21.73	228	17820	3.90	ng	95
82) Chrysene	21.80	228	18733m	4.32	ng	

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

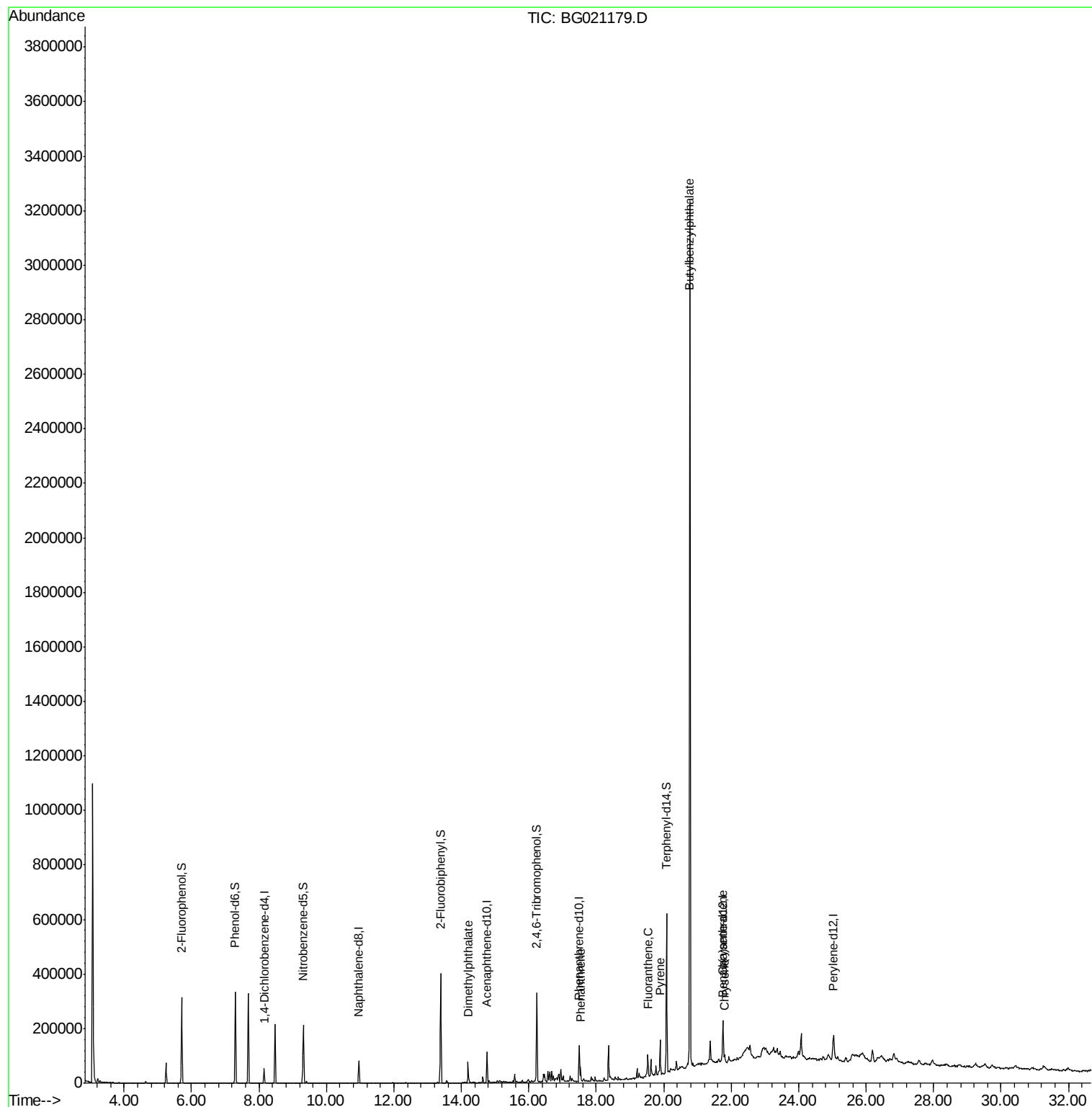
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021179.D
Acq On : 1 Mar 2016 8:48
Operator : UM/SJ
Sample : H1521-09RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

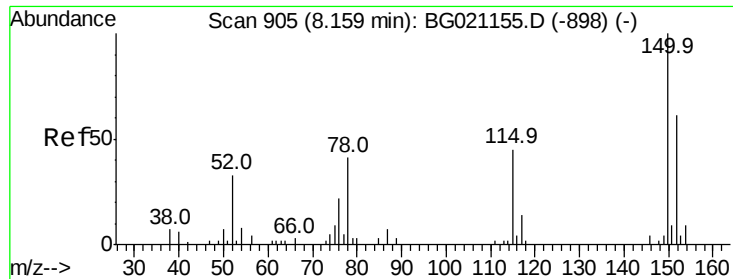
Instrument :
BNA_G
ClientSampleId :
SP-3(0-2)RE

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Quant Time: Mar 01 11:10:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG021179.D

Acq: 1 Mar 2016 8:48

Instrument :

BNA_G

ClientSampleId :

SP-3(0-2)RE

Tot Ion:152 Resp: 13738

Ion Ratio Lower Upper

152 100

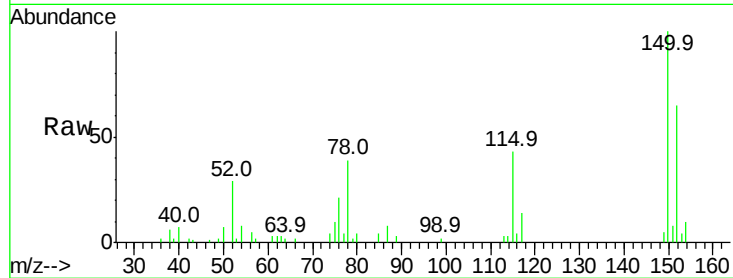
150 152.9 123.4 185.2

115 65.8 43.3 64.9#

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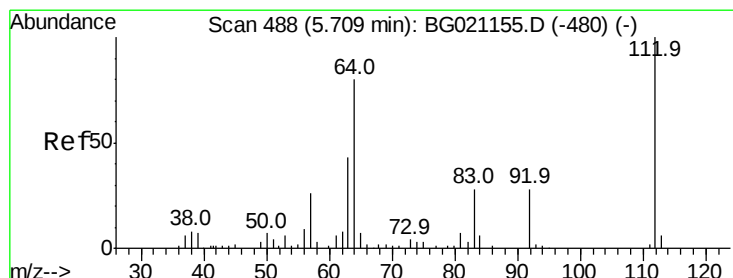
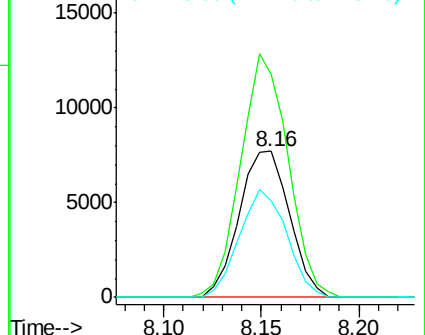
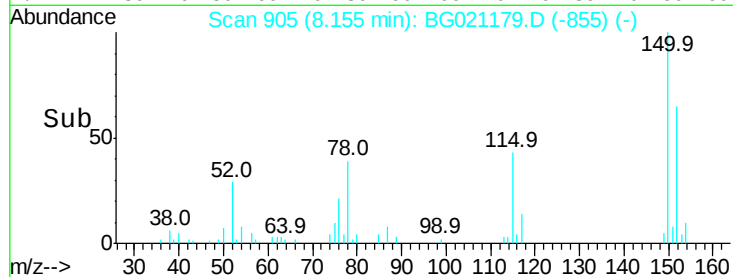
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 143.15 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG021179.D

Acq: 1 Mar 2016 8:48

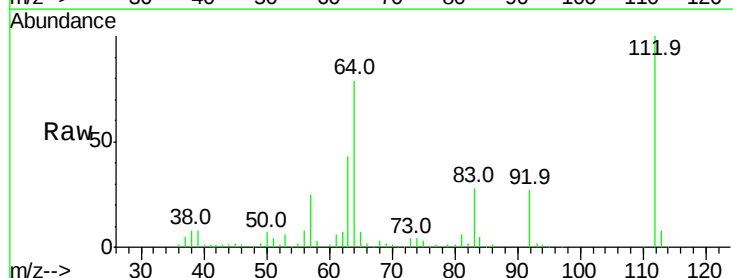
Tgt Ion:112 Resp: 123703

Ion Ratio Lower Upper

112 100

64 78.7 42.6 63.8#

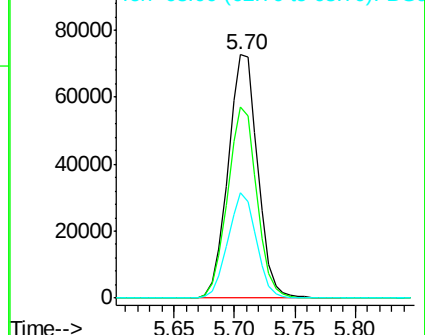
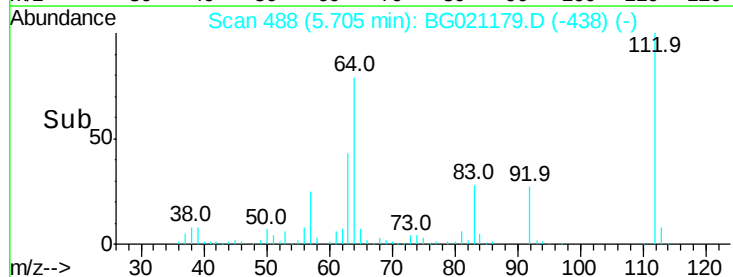
63 43.1 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.16 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021179.D

Acq: 1 Mar 2016 8:48

Instrument :

BNA_G

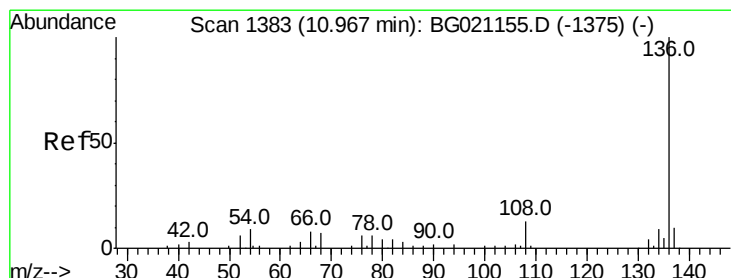
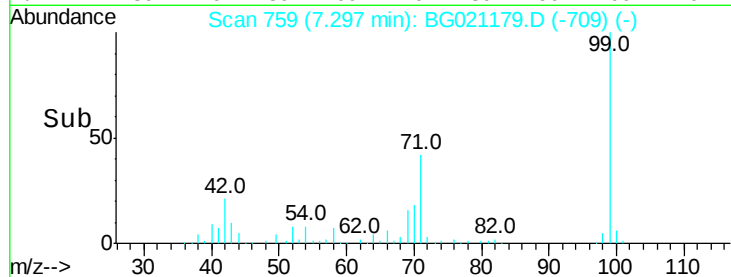
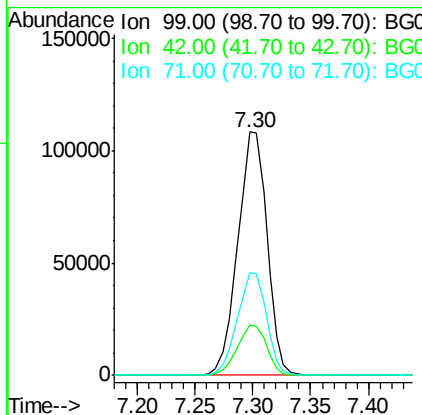
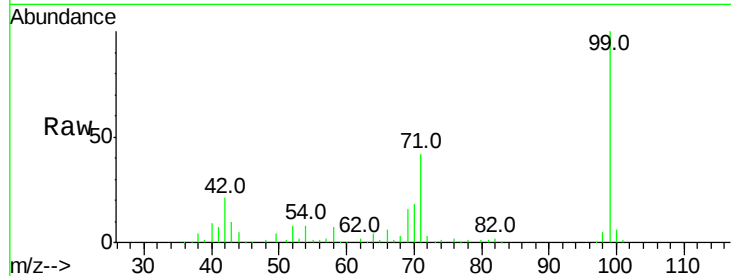
ClientSampled :

SP-3(0-2)RE

Tot Ion	99	Resp	190642
Ion Ratio	Lower	Upper	
99	100		
42	20.8	13.2	19.8#
71	42.0	25.2	37.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

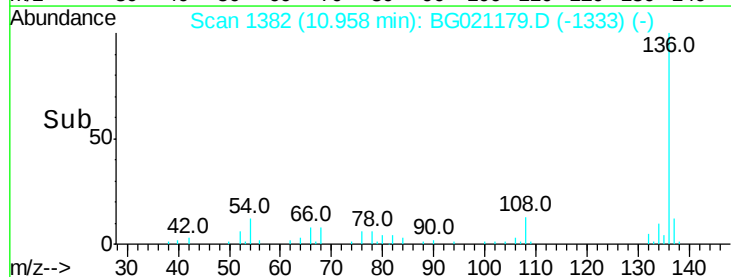
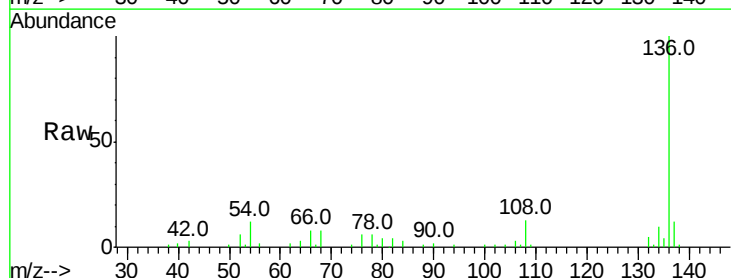
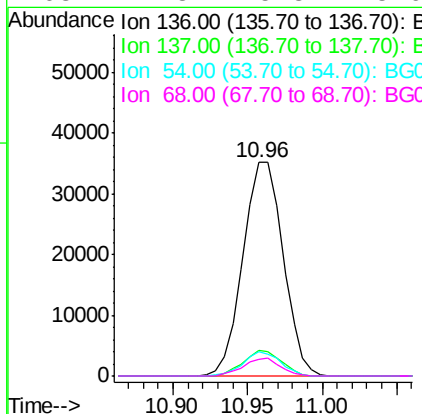
RT: 10.96 min Scan# 1382

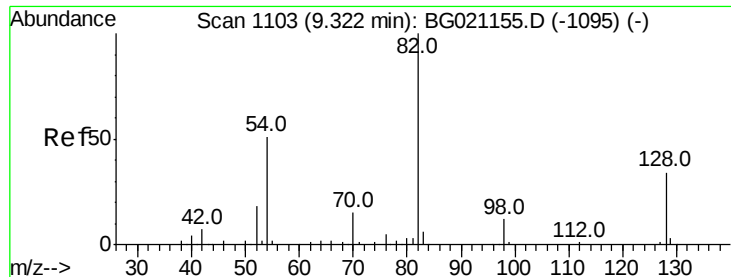
Delta R.T. -0.01 min

Lab File: BG021179.D

Acq: 1 Mar 2016 8:48

Tgt Ion	136	Resp	65725
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.8	13.2
54	11.7	6.9	10.3#
68	7.8	5.8	8.6





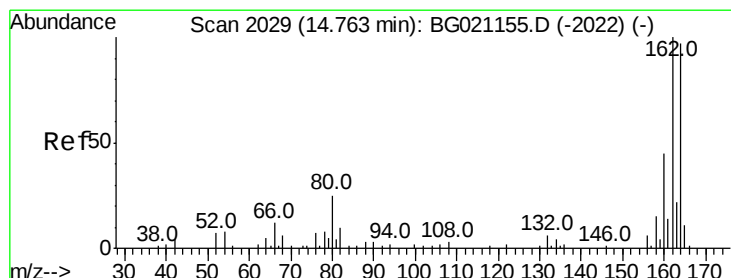
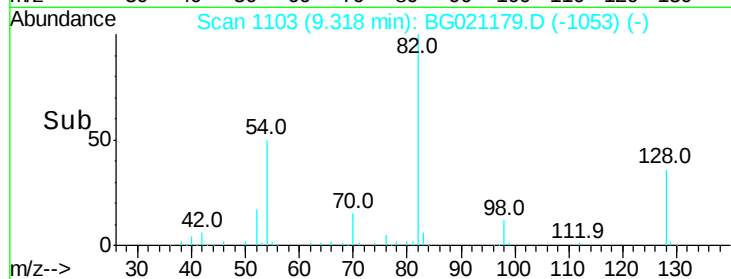
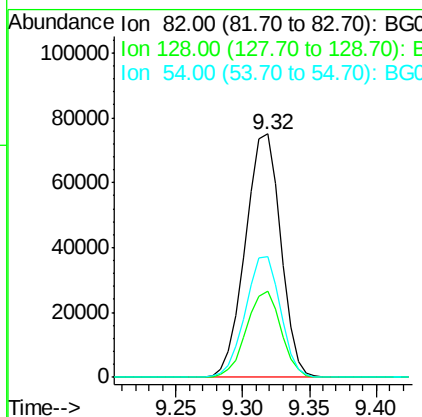
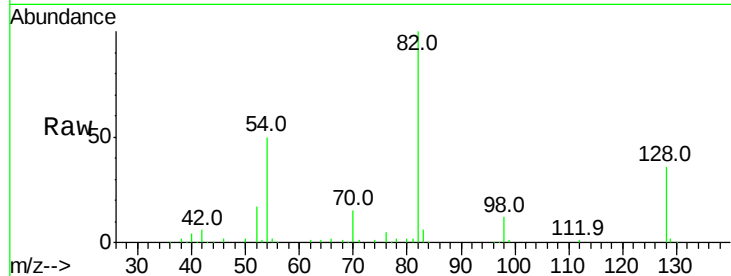
#23
 Nitrobenzene-d5
 Concen: 88.38 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG021179.D
 Acq: 1 Mar 2016 8:48

Instrument :
 BNA_G
 ClientSampleId :
 SP-3(0-2)RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	36.3	54.5#
54	49.8	37.6	56.4

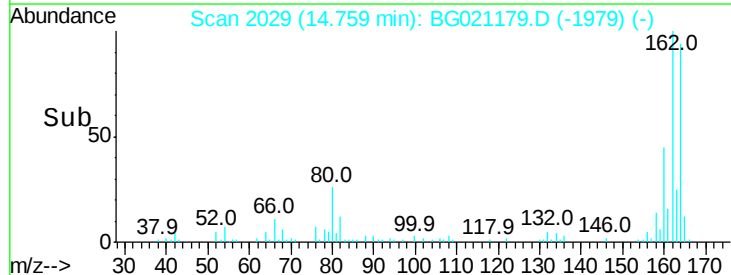
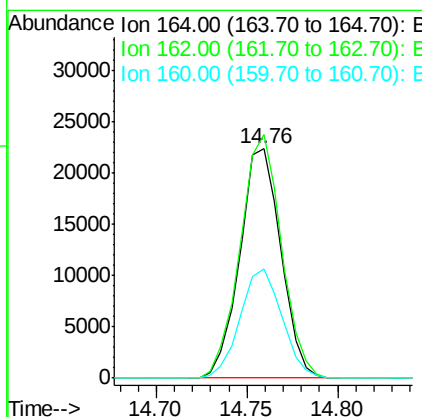
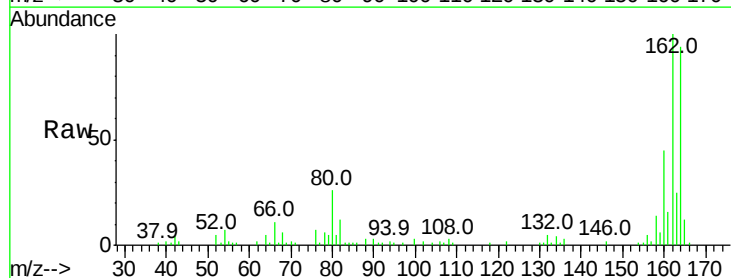
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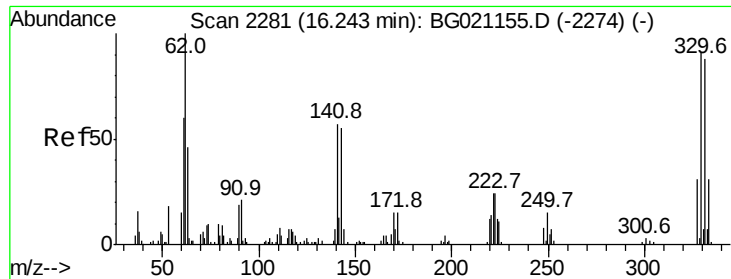
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG021179.D
 Acq: 1 Mar 2016 8:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	80.6	120.8
160	47.3	36.5	54.7





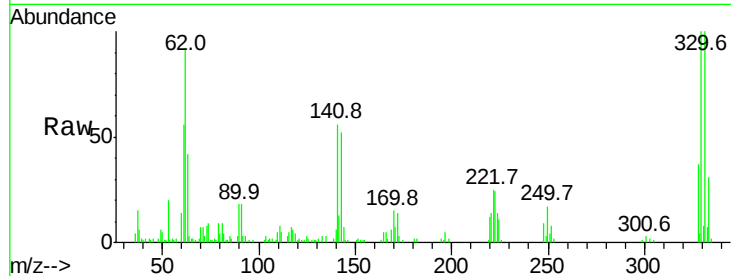
#41
 2,4,6-Tribromophenol
 Concen: 115.68 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021179.D
 Acq: 1 Mar 2016 8:48

Instrument :
 BNA_G
 ClientSampleId :
 SP-3(0-2)RE

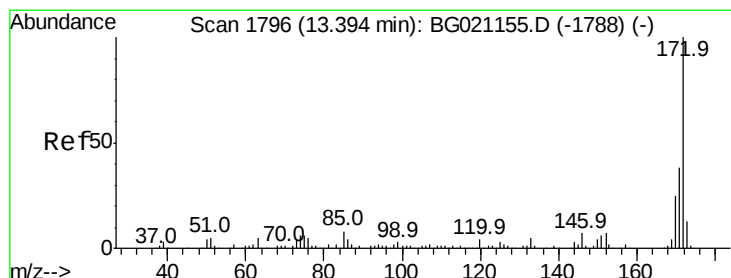
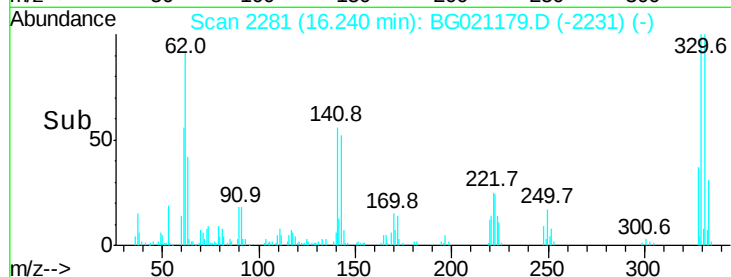
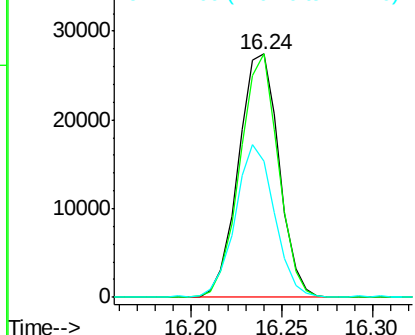
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.4	116.0
141	61.0	35.3	52.9#

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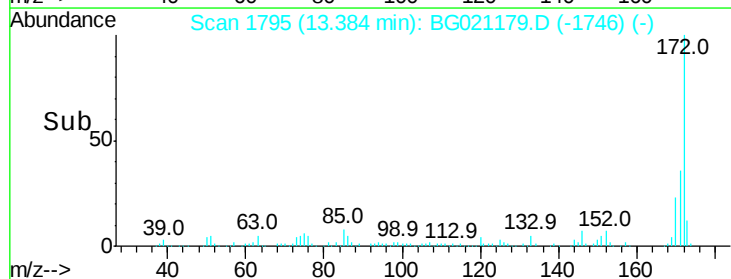
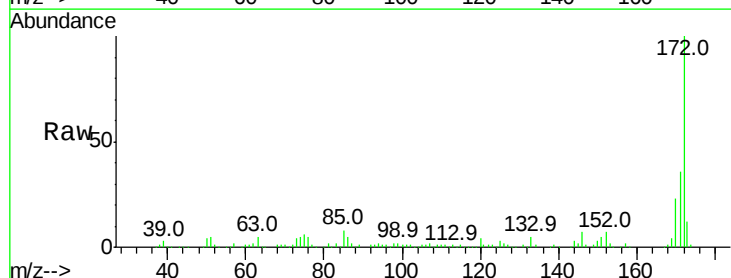
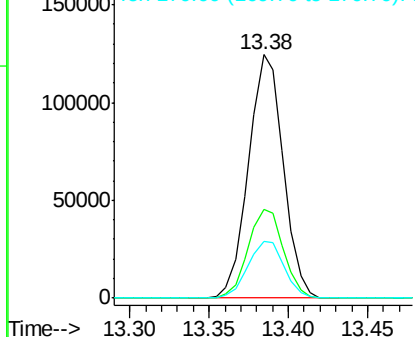
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

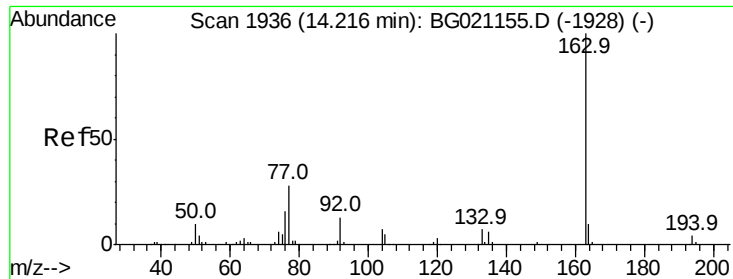


#44
 2-Fluorobiphenyl
 Concen: 76.36 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG021179.D
 Acq: 1 Mar 2016 8:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	23.1	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





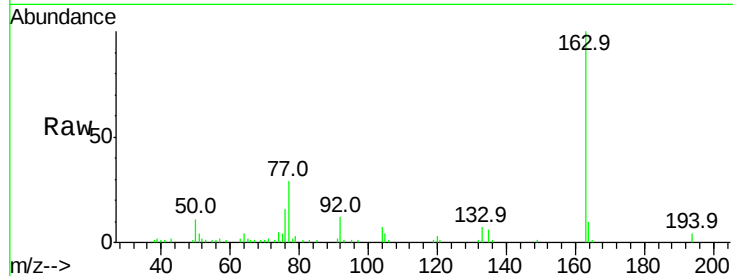
#49
Dimethylphthalate
Concen: 13.26 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG021179.D
Acq: 1 Mar 2016 8:48

Instrument :
BNA_G
ClientSampleId :
SP-3(0-2)RE

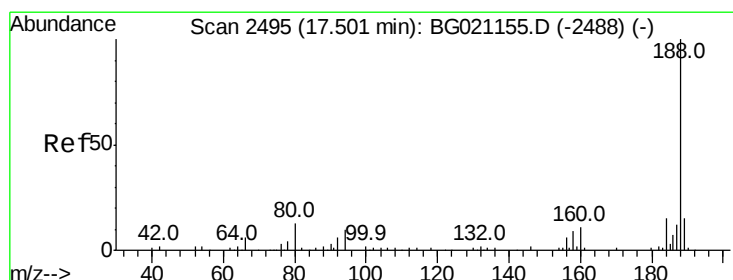
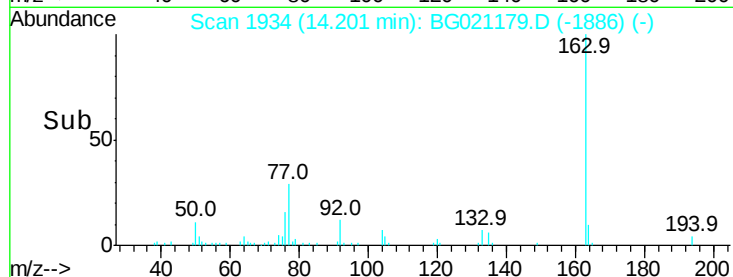
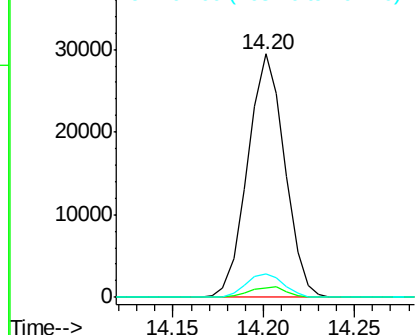
Tot Ion:	163	Resp:	41696
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.8	4.2
164	9.9	7.9	11.9

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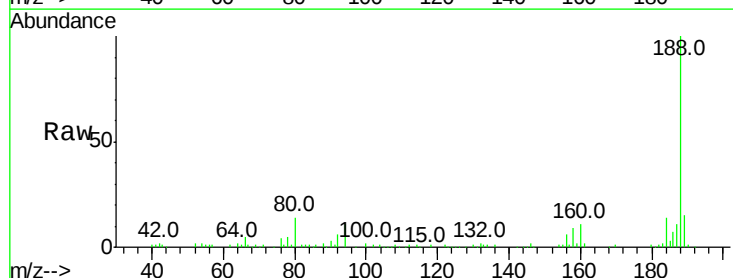


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

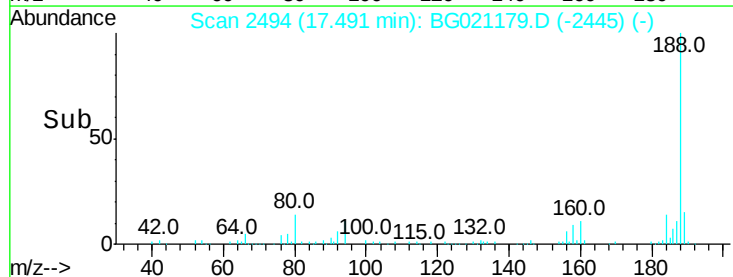
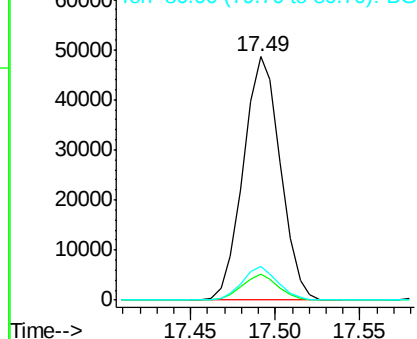


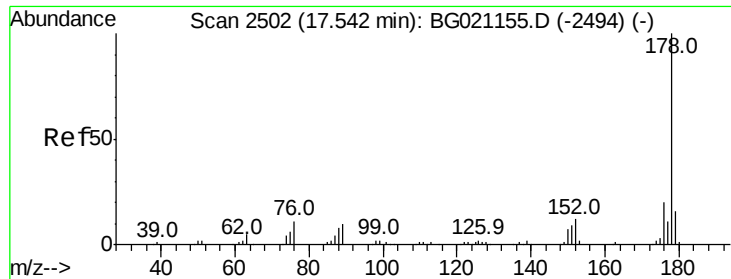
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG021179.D
Acq: 1 Mar 2016 8:48

Tgt Ion:	188	Resp:	74312
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.2	12.4
80	14.0	9.2	13.8#



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





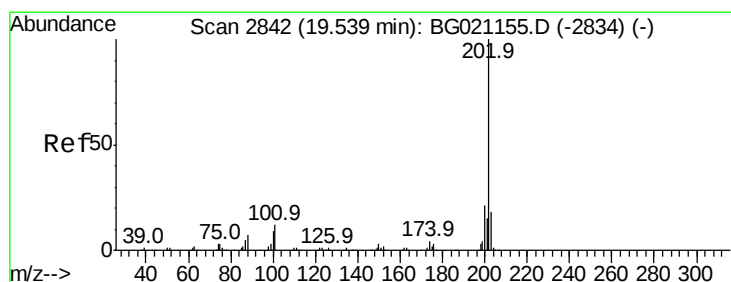
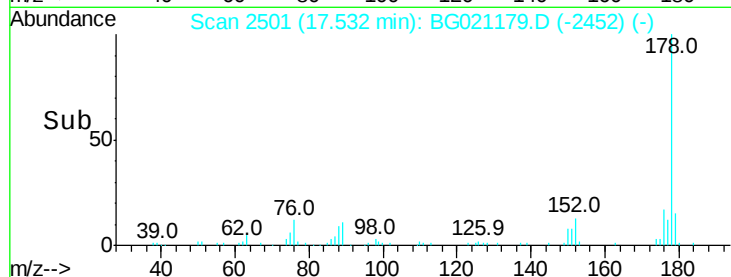
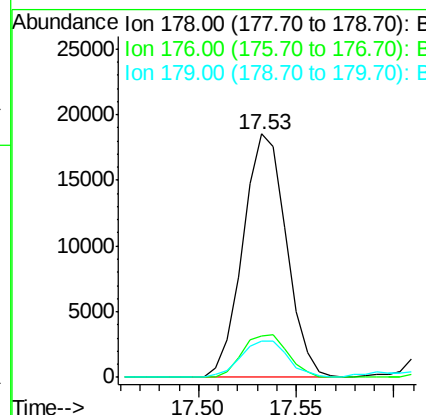
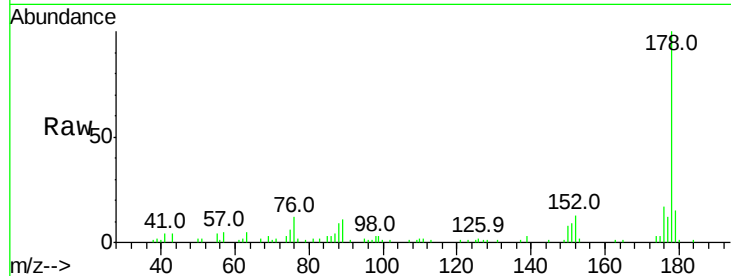
#70
Phenanthrene
Concen: 7.12 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG021179.D
Acq: 1 Mar 2016 8:48

Instrument :
BNA_G
ClientSampleId :
SP-3(0-2)RE

Tot Ion	Ratio	Resp	Lower	Upper
178	100	28562		
176	17.1		16.2	24.4
179	14.9		12.9	19.3

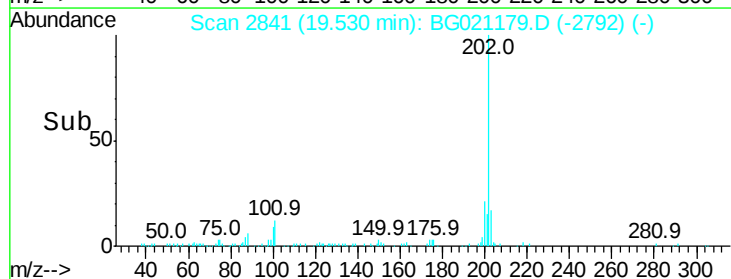
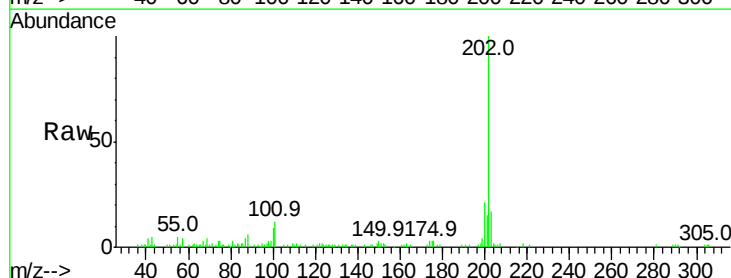
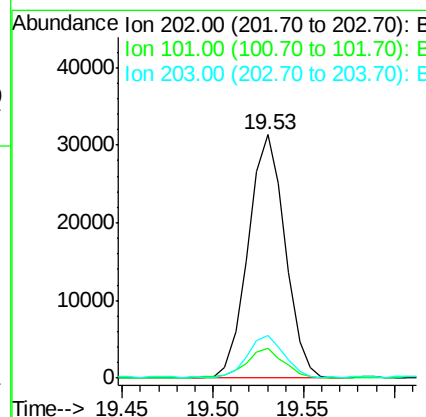
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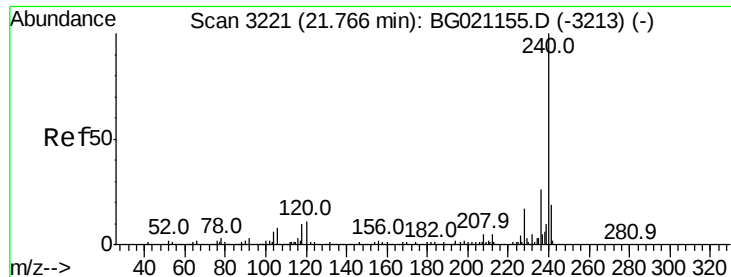
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#74
Fluoranthene
Concen: 9.42 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG021179.D
Acq: 1 Mar 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	44373		
101	12.4		0.0	32.5
203	17.4		0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG021179.D

Acq: 1 Mar 2016 8:48

Instrument :

BNA_G

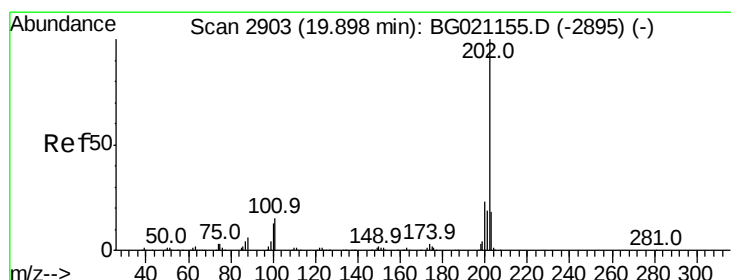
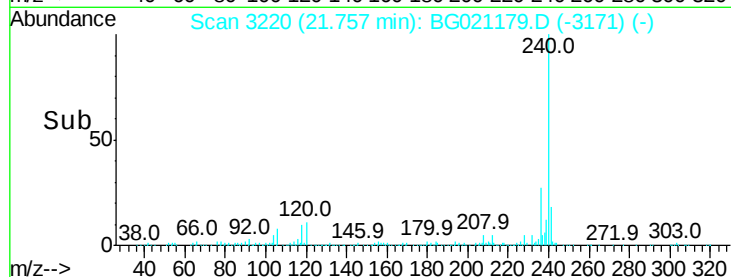
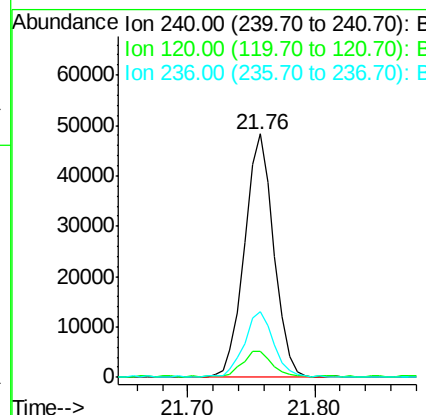
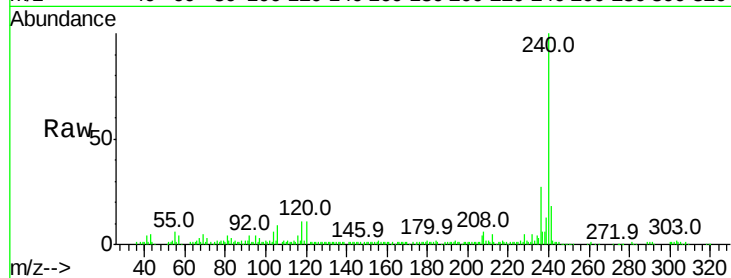
ClientSampleId :

SP-3(0-2)RE

Tot Ion:	240	Resp:	77217
Ion Ratio	Lower	Upper	
240	100		
120	10.9	7.5	11.3
236	27.0	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 8.04 ng

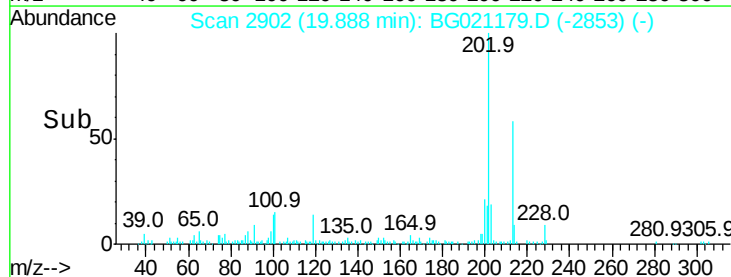
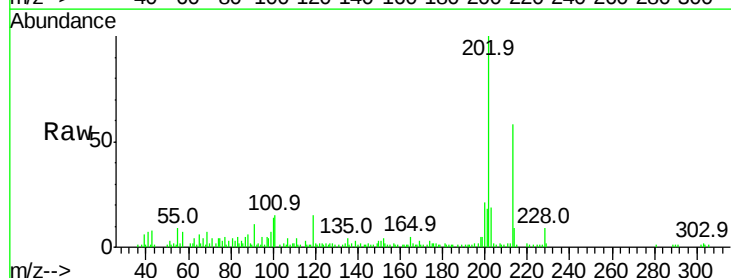
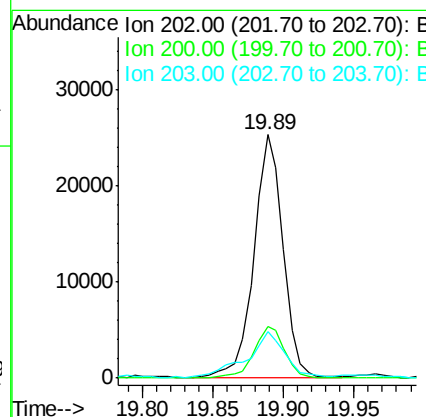
RT: 19.89 min Scan# 2902

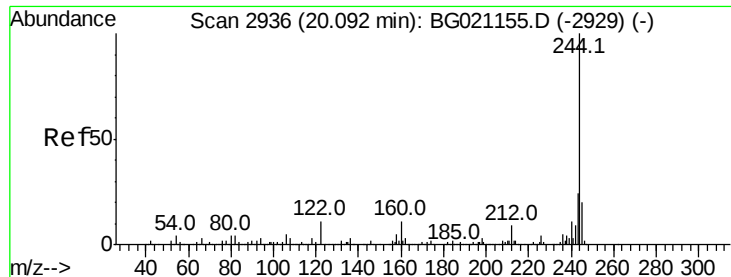
Delta R.T. -0.01 min

Lab File: BG021179.D

Acq: 1 Mar 2016 8:48

Tgt Ion:	202	Resp:	37044
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	25.0
203	19.4	13.8	20.8





#78

Terphenyl-d14

Concen: 69.89 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021179.D

Acq: 1 Mar 2016 8:48

Instrument :

BNA_G

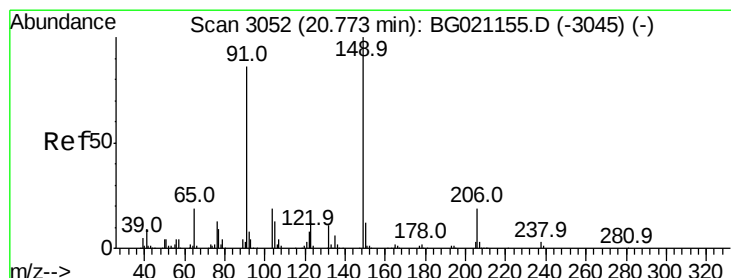
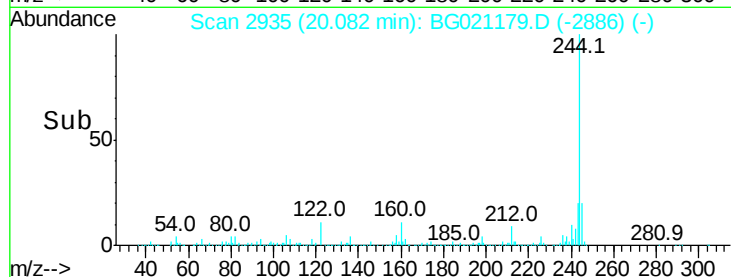
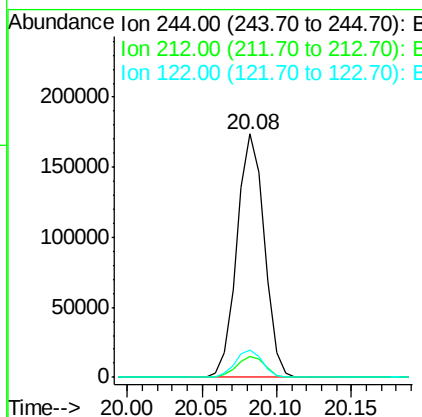
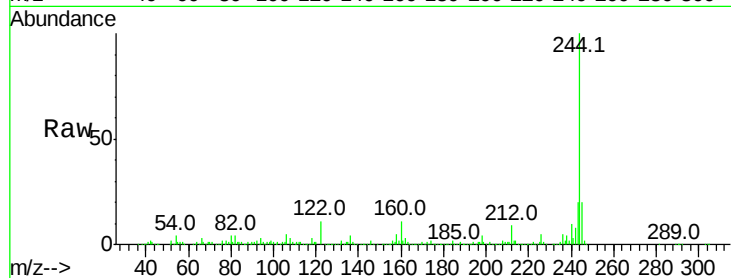
ClientSampleId :

SP-3(0-2)RE

Tot Ion:	244	Resp:	222777
Ion Ratio		Lower	Upper
244	100		
212	8.6	5.8	8.6
122	11.0	8.3	12.5

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#79

Butylbenzylphthalate

Concen: 410.10 ng

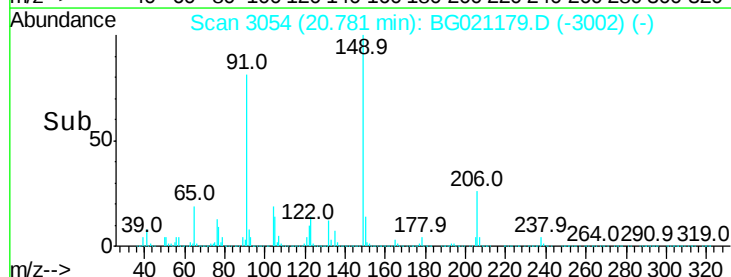
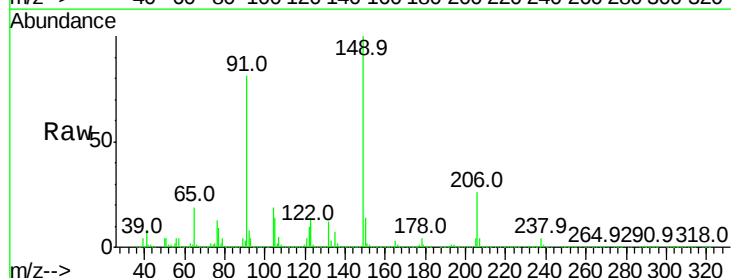
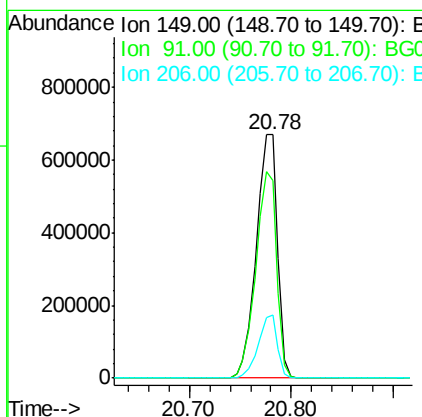
RT: 20.78 min Scan# 3054

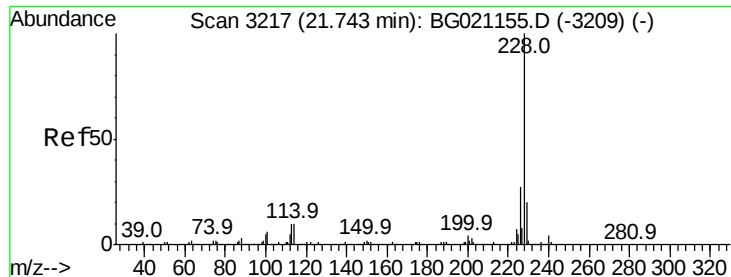
Delta R.T. 0.01 min

Lab File: BG021179.D

Acq: 1 Mar 2016 8:48

Tgt Ion:	149	Resp:	964095
Ion Ratio		Lower	Upper
149	100		
91	81.1	58.6	87.8
206	25.8	14.2	21.4#





#80

Benzo(a)anthracene

Concen: 3.90 ng

RT: 21.73 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BG021179.D

Acq: 1 Mar 2016 8:48

Instrument :

BNA_G

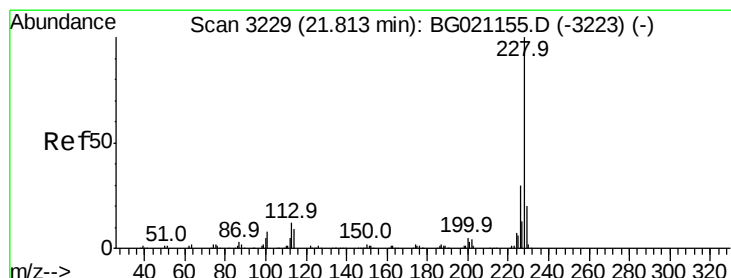
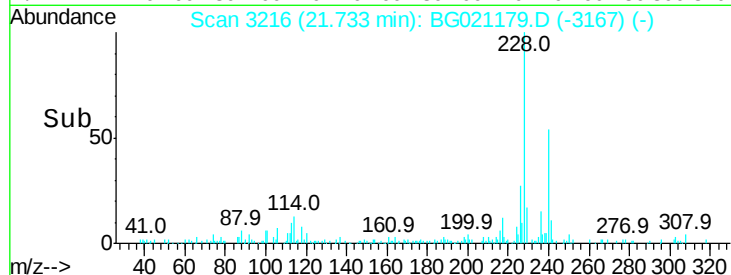
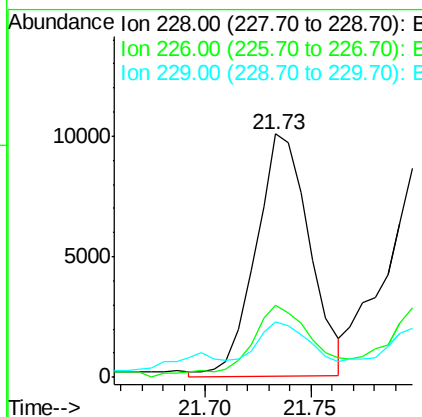
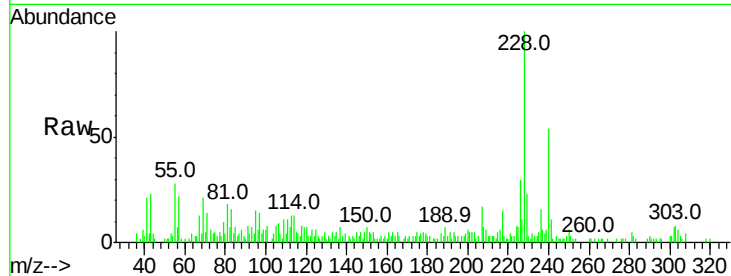
ClientSampleId :

SP-3(0-2)RE

Tot Ion:	228	Resp:	17820
Ion Ratio	Lower	Upper	
228	100		
226	29.5	22.7	34.1
229	23.0	15.5	23.3

Manual Integrations
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#82

Chrysene

Concen: 4.32 ng m

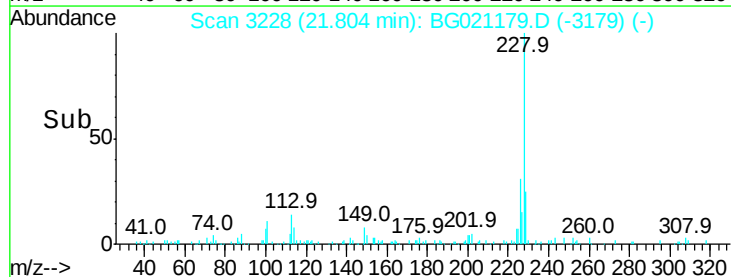
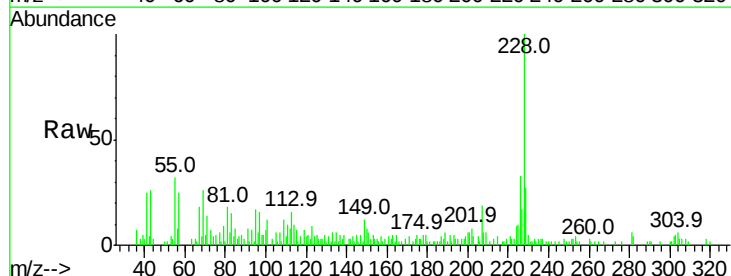
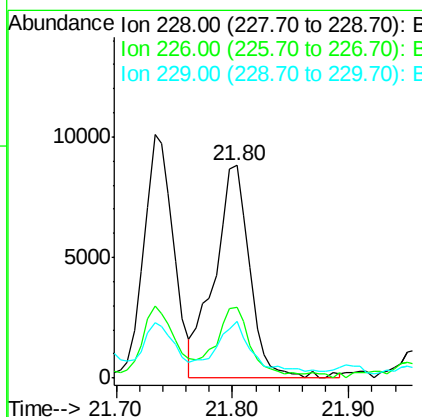
RT: 21.80 min Scan# 3228

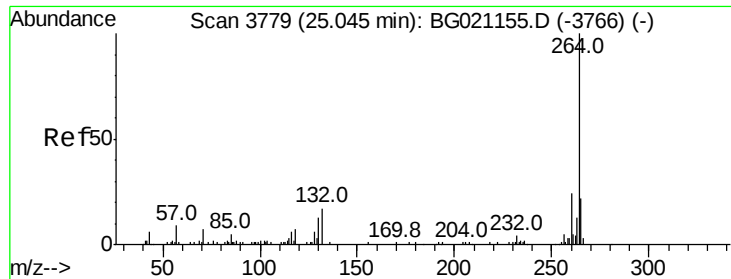
Delta R.T. -0.01 min

Lab File: BG021179.D

Acq: 1 Mar 2016 8:48

Tgt Ion:	228	Resp:	18733
Ion Ratio	Lower	Upper	
228	100		
226	33.0	23.7	35.5
229	26.6	16.7	25.1#





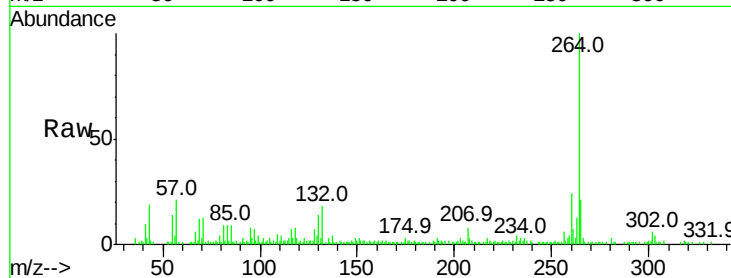
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.02 min
Lab File: BG021179.D
Acq: 1 Mar 2016 8:48

Instrument :
BNA_G
ClientSampleId :
SP-3(0-2)RE

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	18.5	27.7
265	21.0	18.6	28.0

Manual Integrations
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Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

