

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021064.D
 Acq On : 24 Feb 2016 23:11
 Operator : UM/SJ
 Sample : H1521-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 2/25/2016 2:40:26 PM

Quant Time: Feb 25 03:41:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	5855	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	27658	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	12947	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	22441	20.00	ng	0.00
75) Chrysene-d12	21.83	240	16560	20.00	ng	0.00
86) Perylene-d12	25.16	264	13816	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	45330	135.73	ng	0.00
7) Phenol-d6	7.41	99	69552	135.23	ng	0.00
23) Nitrobenzene-d5	9.39	82	46134	97.93	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	19237	124.03	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	75081	80.73	ng	0.00
78) Terphenyl-d14	20.14	244	53613	42.01	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.27	163	15355	14.54	ng	98
70) Phenanthrene	17.60	178	8887	7.00	ng	96
74) Fluoranthene	19.59	202	10650	8.34	ng	97
77) Pyrene	19.96	202	8835	4.67	ng	# 96
79) Butylbenzylphthalate	20.83	149	278093	416.78	ng	98
80) Benzo(a)anthracene	21.81	228	3749	3.78	ng	# 93
82) Chrysene	21.87	228	3824	4.13	ng	93

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

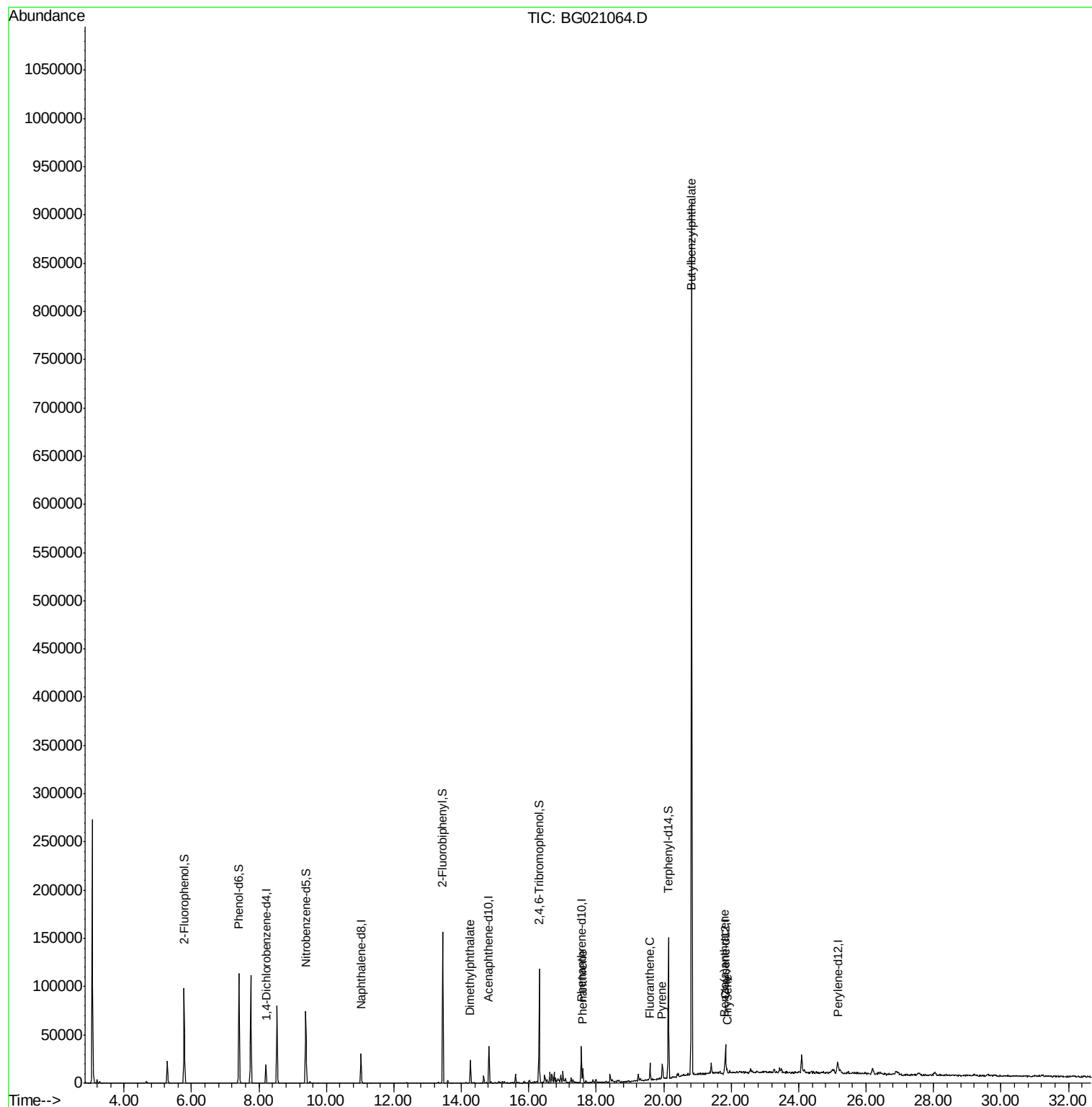
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021064.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

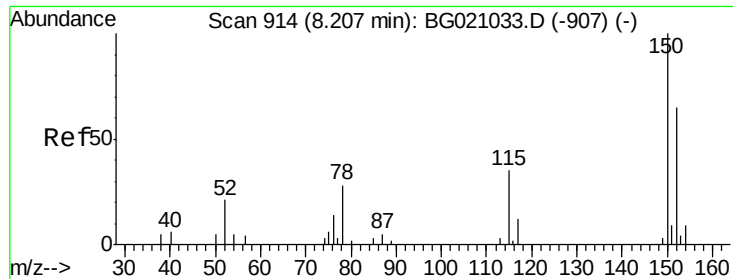
Instrument :
BNA_G
ClientSampleId :
SP-3(0-2)

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Quant Time: Feb 25 03:41:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
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#1

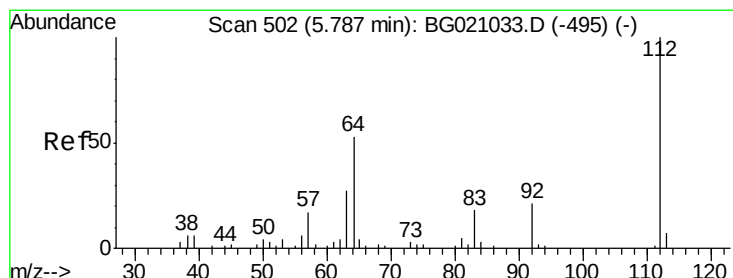
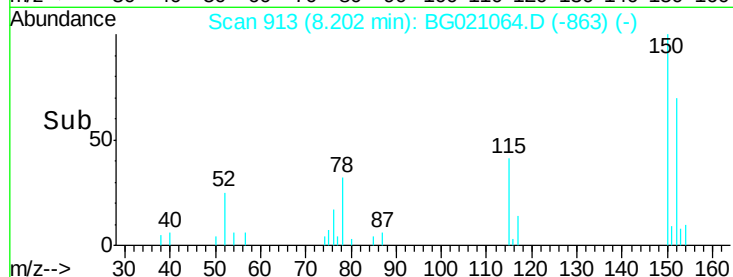
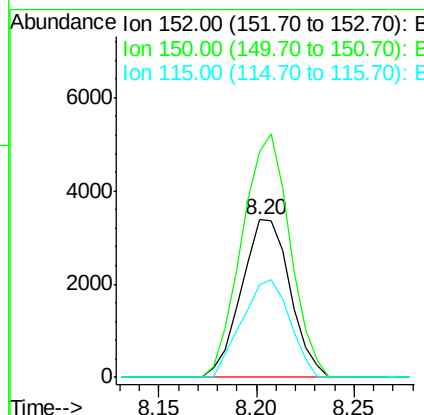
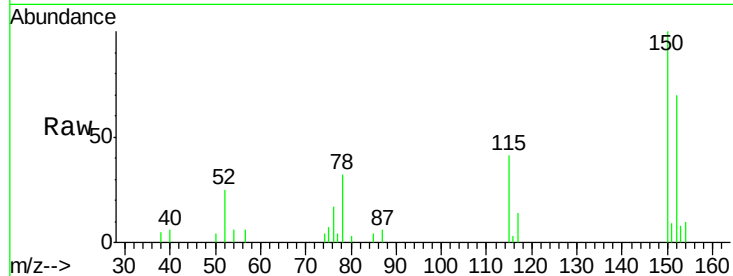
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG021064.D
Acq: 24 Feb 2016 23:11

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	123.4	185.2
115	58.7	43.3	64.9

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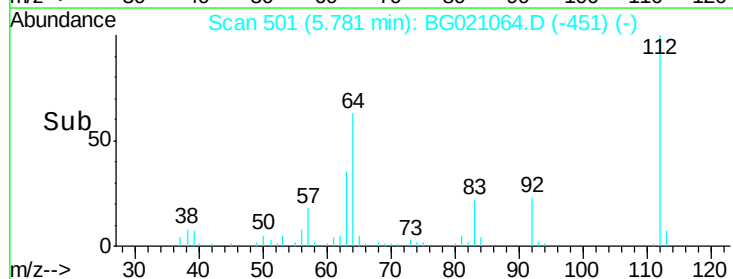
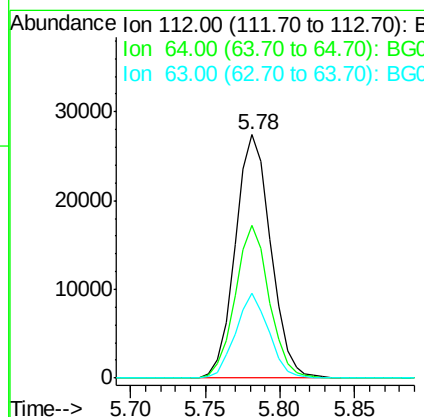
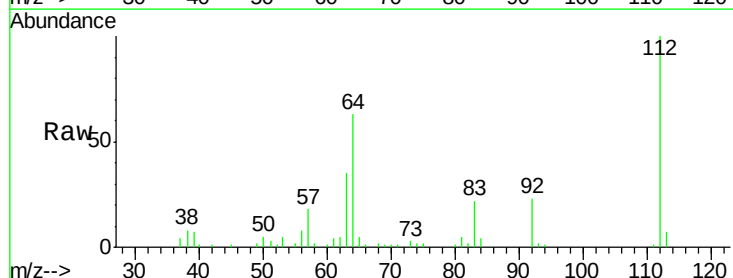
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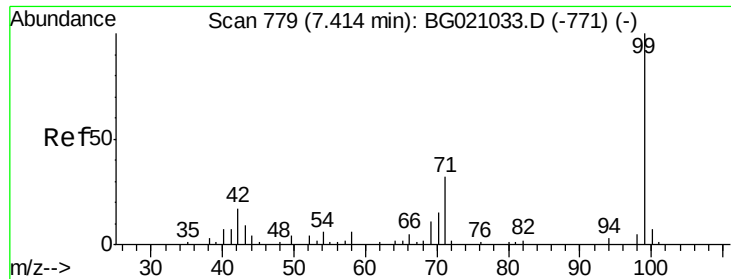


#5

2-Fluorophenol
Concen: 135.73 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.01 min
Lab File: BG021064.D
Acq: 24 Feb 2016 23:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	42.6	63.8
63	34.9	21.7	32.5





#7

Phenol-d6

Concen: 135.23 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG021064.D

Acq: 24 Feb 2016 23:11

Instrument :

BNA_G

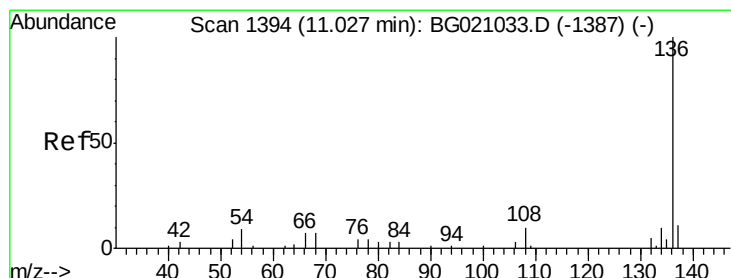
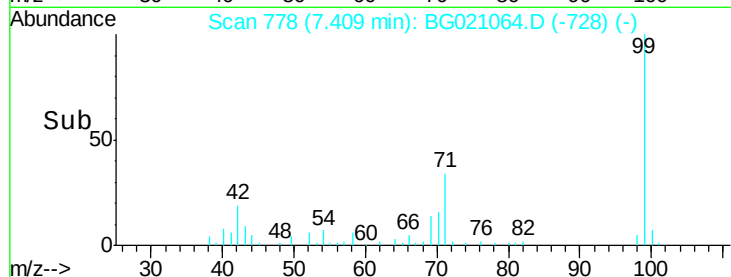
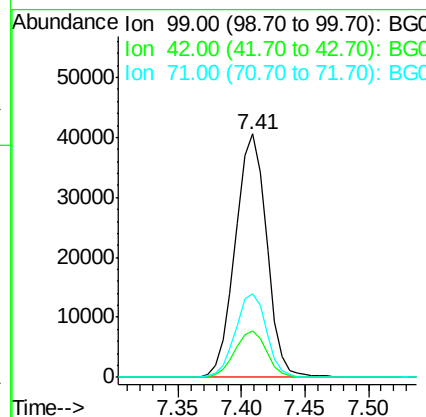
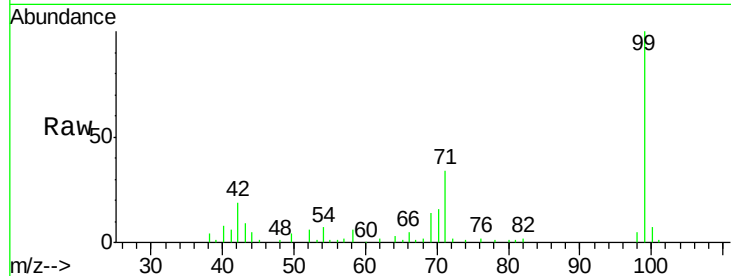
ClientSampled :

SP-3(0-2)

Tot Ion:	99	Resp:	69552
Ion Ratio	Lower	Upper	
99	100		
42	19.3	13.2	19.8
71	34.1	25.2	37.8

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#21

Naphthalene-d8

Concen: 20.00 ng

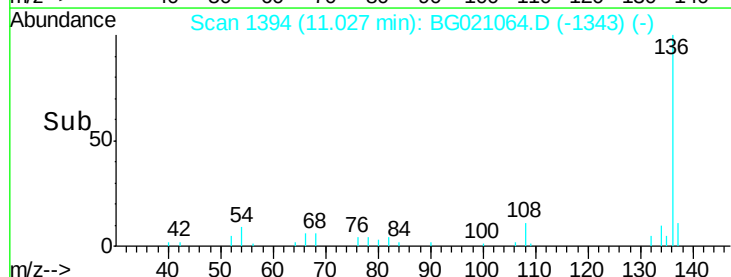
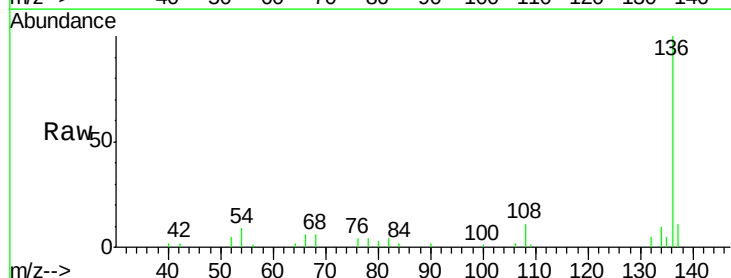
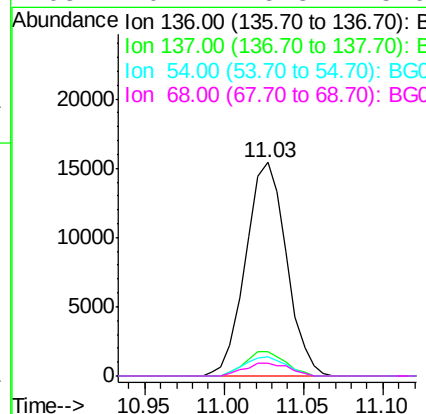
RT: 11.03 min Scan# 1394

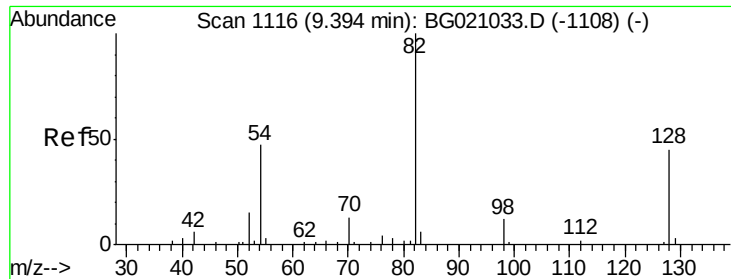
Delta R.T. 0.00 min

Lab File: BG021064.D

Acq: 24 Feb 2016 23:11

Tgt Ion:	136	Resp:	27658
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.8	13.2
54	8.9	6.9	10.3
68	6.1	5.8	8.6





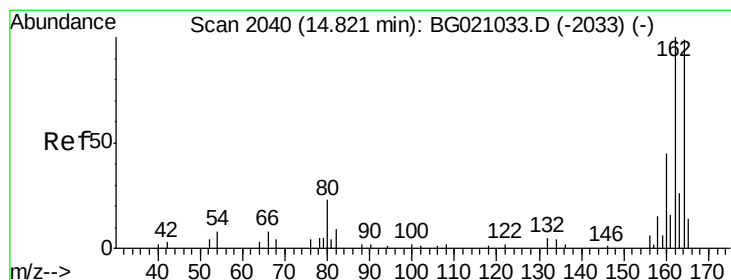
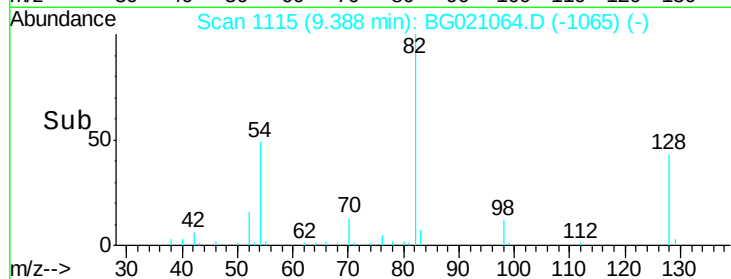
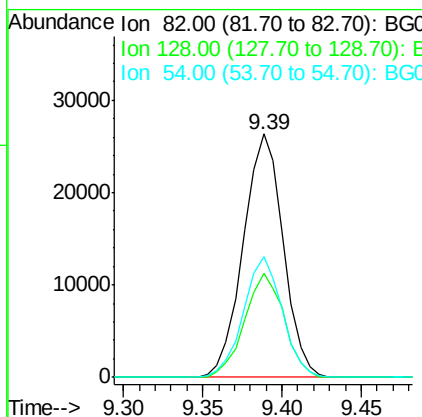
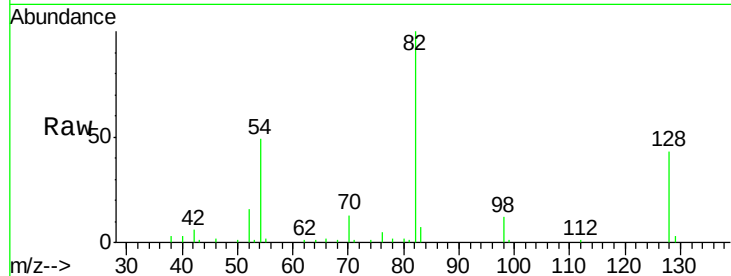
#23
 Nitrobenzene-d5
 Concen: 97.93 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BG021064.D
 Acq: 24 Feb 2016 23:11

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.3	54.5
54	49.4	37.6	56.4

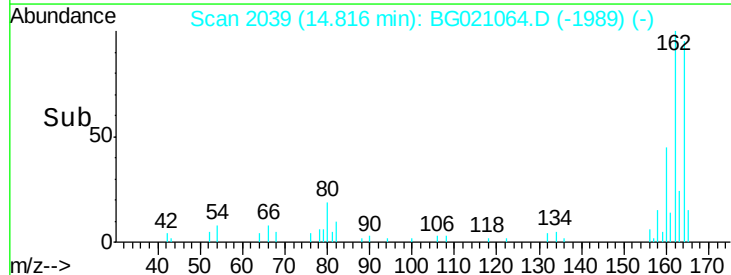
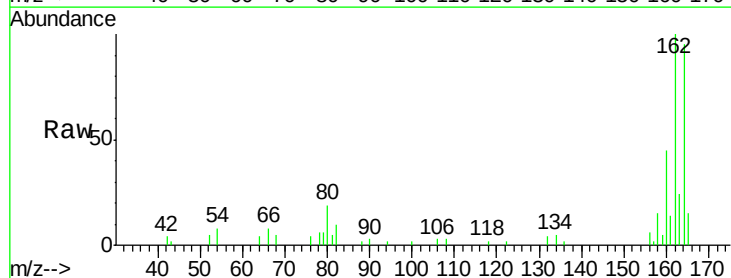
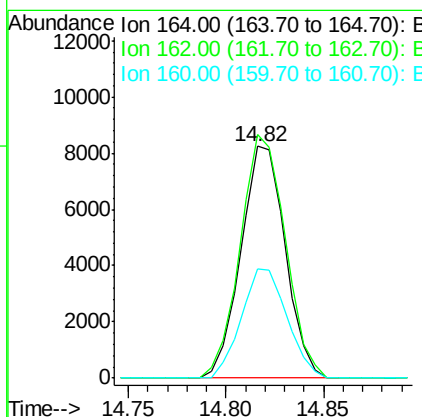
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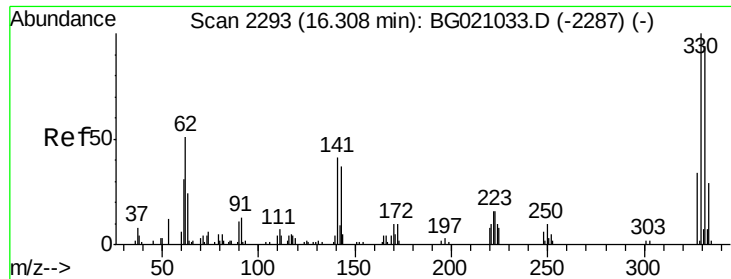
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021064.D
 Acq: 24 Feb 2016 23:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.6	120.8
160	47.2	36.5	54.7





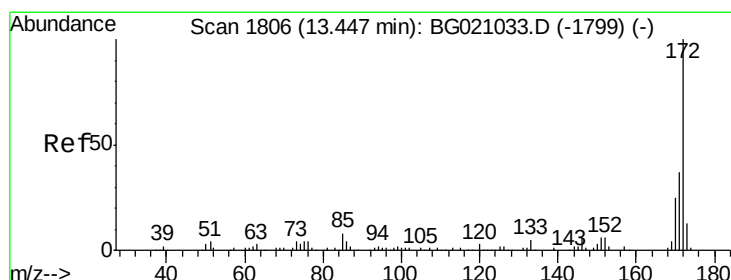
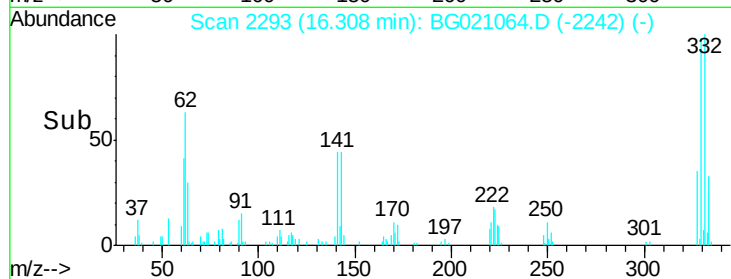
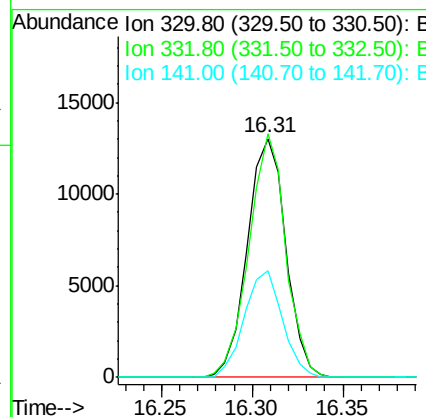
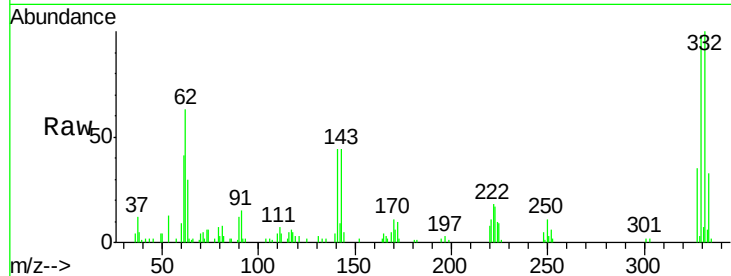
#41
 2,4,6-Tribromophenol
 Concen: 124.03 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG021064.D
 Acq: 24 Feb 2016 23:11

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	19237		
332	97.2	77.4	116.0	
141	43.9	35.3	52.9	

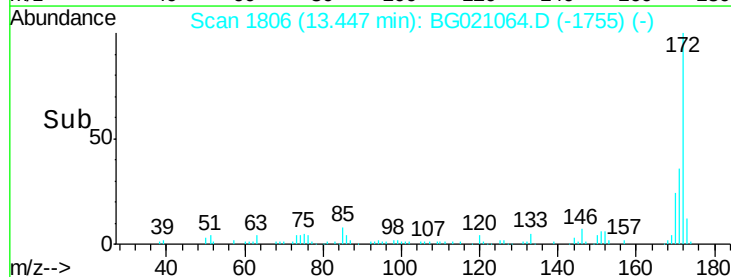
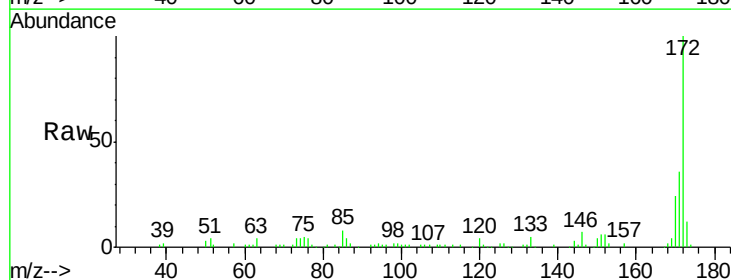
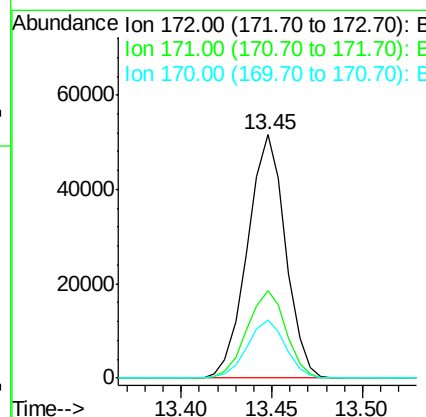
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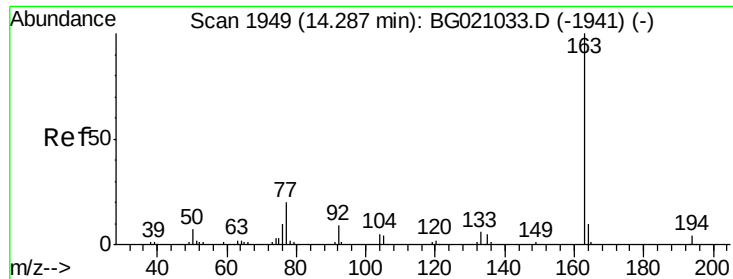
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#44
 2-Fluorobiphenyl
 Concen: 80.73 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG021064.D
 Acq: 24 Feb 2016 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	75081		
171	35.7	29.4	44.0	
170	24.0	19.8	29.8	





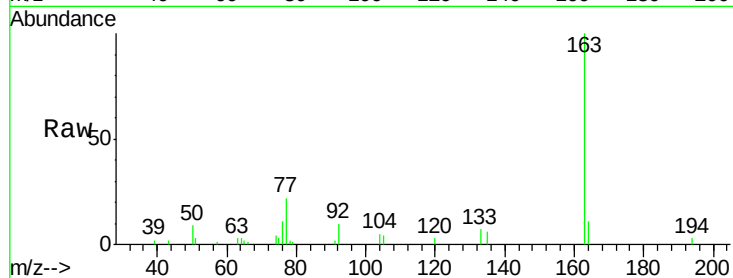
#49
Dimethylphthalate
Concen: 14.54 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG021064.D
Acq: 24 Feb 2016 23:11

Instrument :
BNA_G
ClientSampled :
SP-3(0-2)

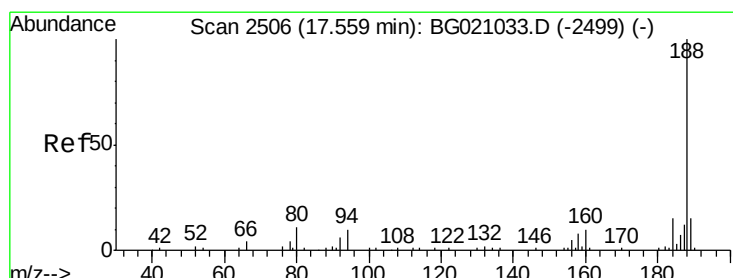
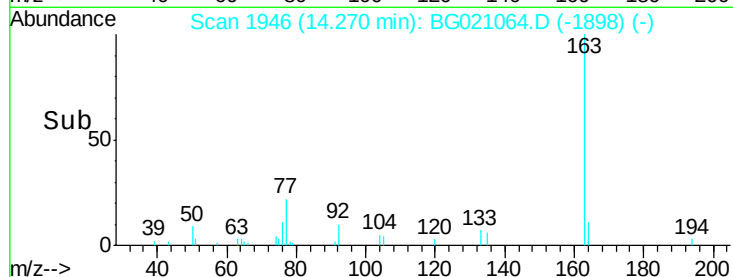
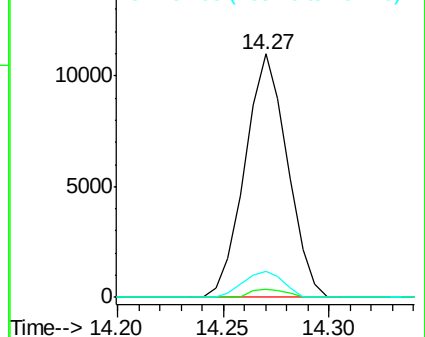
Tot Ion	Ratio	Resp	Lower	Upper
163	100	15355		
194	3.3		2.8	4.2
164	10.9		7.9	11.9

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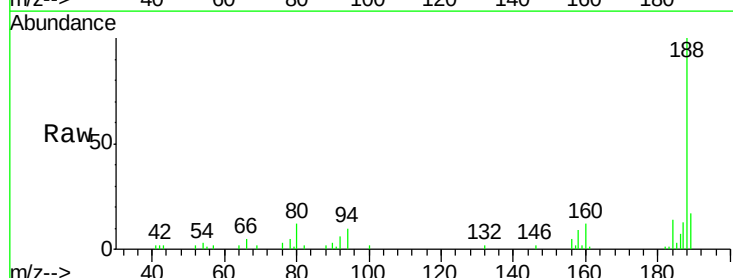


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

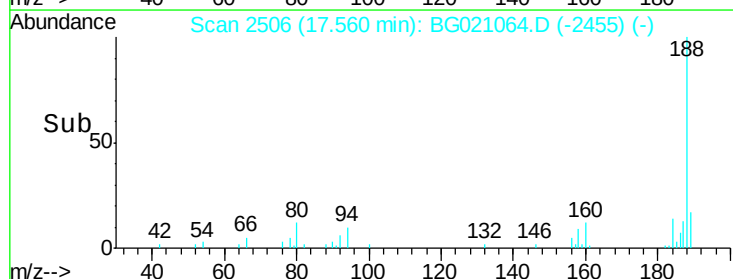
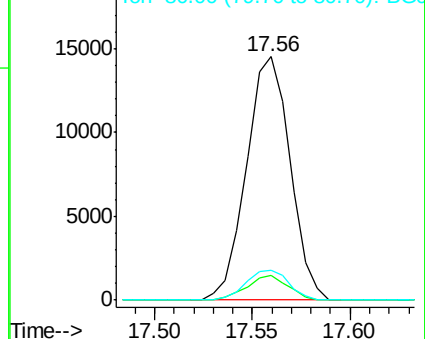


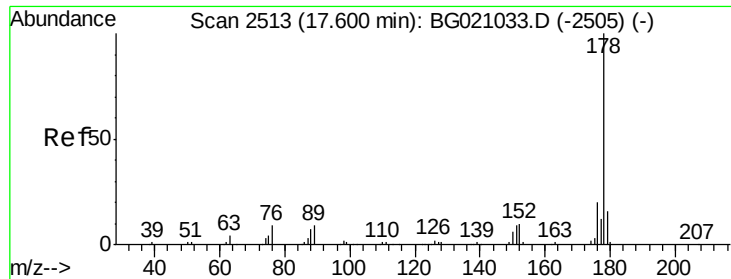
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG021064.D
Acq: 24 Feb 2016 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	22441		
94	10.2		8.2	12.4
80	12.0		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: 7.00 ng

RT: 17.60 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG021064.D

Acq: 24 Feb 2016 23:11

Instrument :

BNA_G

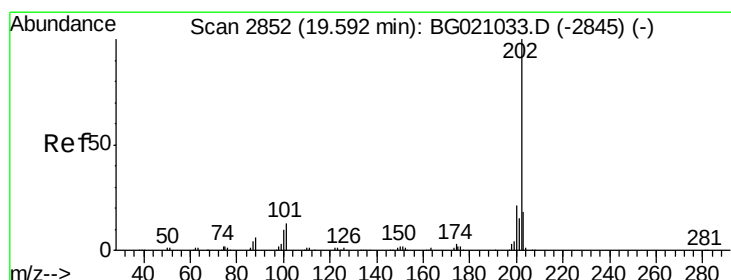
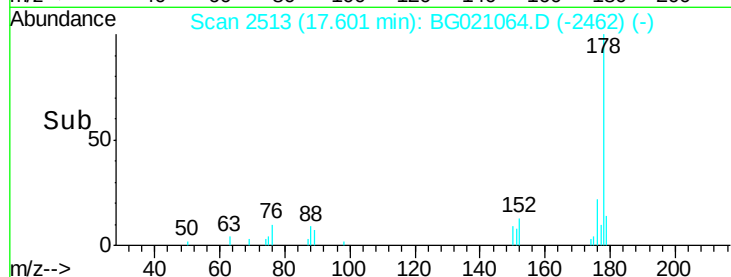
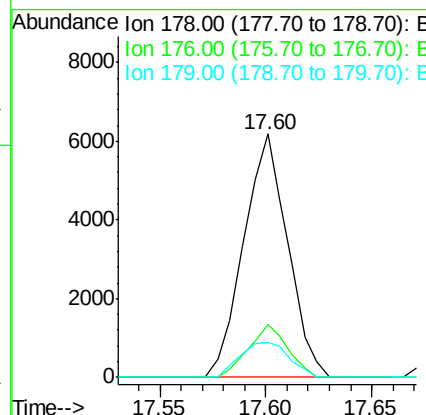
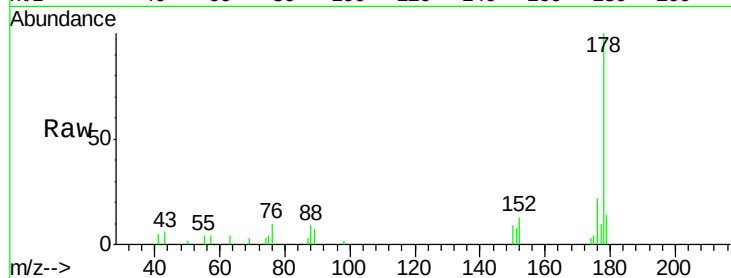
ClientSampleId :

SP-3(0-2)

Tot Ion:	178	Resp:	8887
Ion Ratio	Lower	Upper	
178	100		
176	21.9	16.2	24.4
179	14.5	12.9	19.3

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#74

Fluoranthene

Concen: 8.34 ng

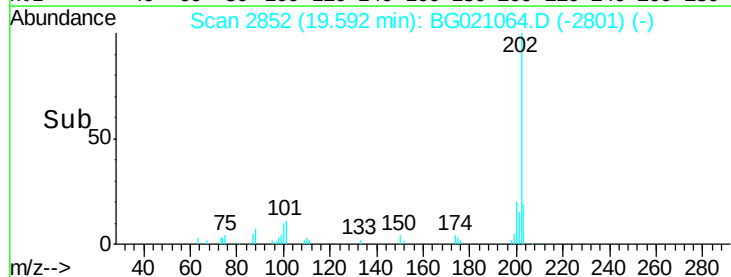
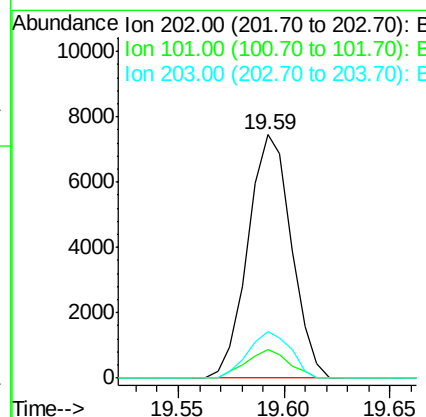
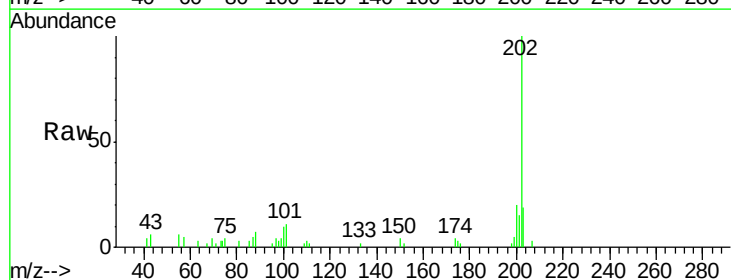
RT: 19.59 min Scan# 2852

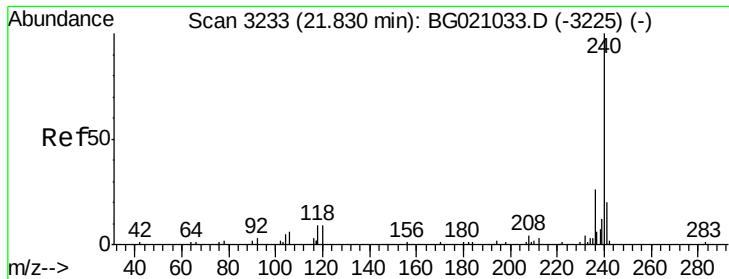
Delta R.T. 0.00 min

Lab File: BG021064.D

Acq: 24 Feb 2016 23:11

Tgt Ion:	202	Resp:	10650
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	32.5
203	18.9	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.00 min

Lab File: BG021064.D

Acq: 24 Feb 2016 23:11

Instrument :

BNA_G

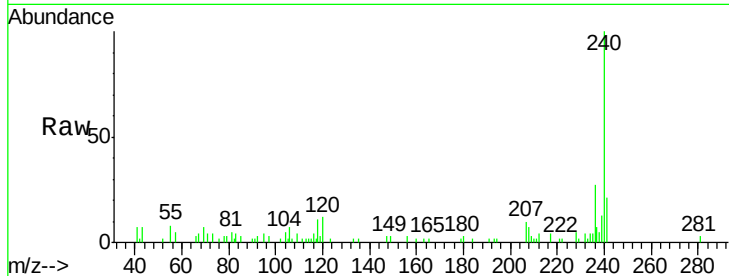
ClientSampled :

SP-3(0-2)

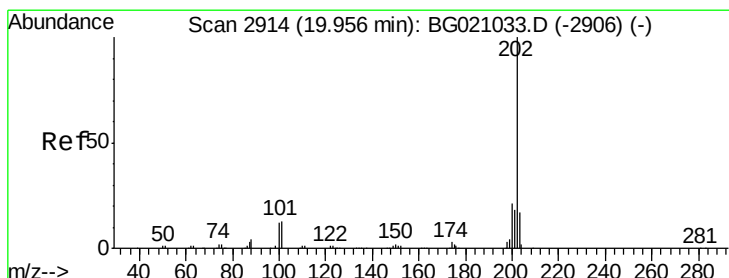
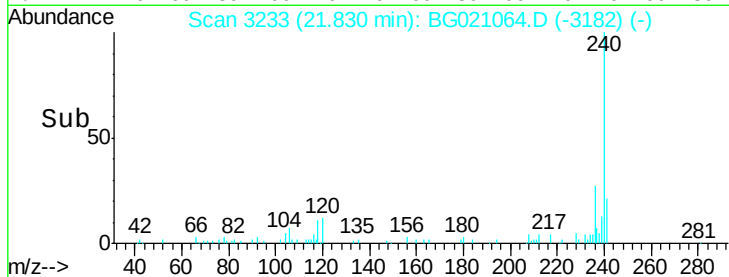
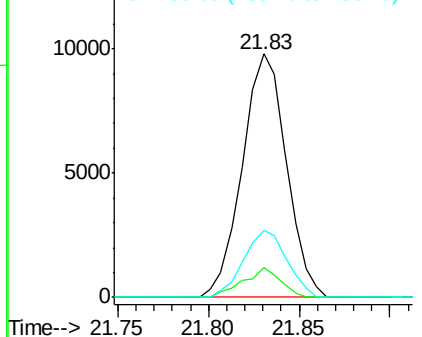
Tot Ion:	240	Resp:	16560
Ion Ratio	Lower	Upper	
240	100		
120	12.1	7.5	11.3#
236	27.5	20.5	30.7

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.67 ng

RT: 19.96 min Scan# 2914

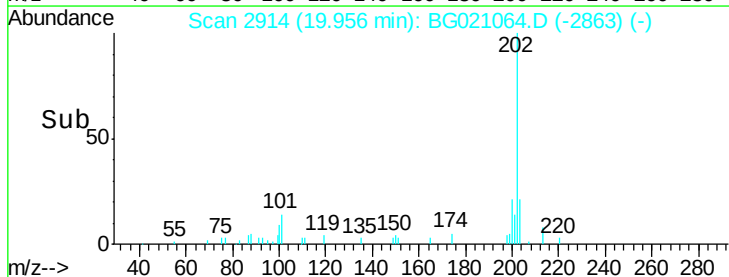
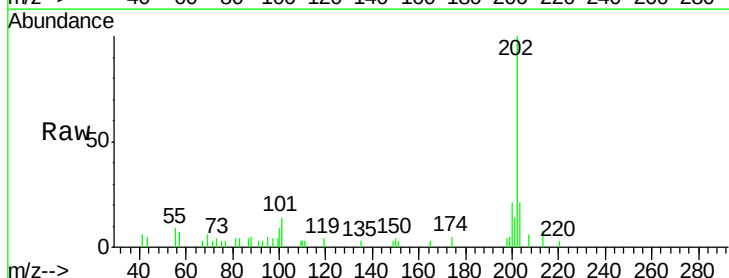
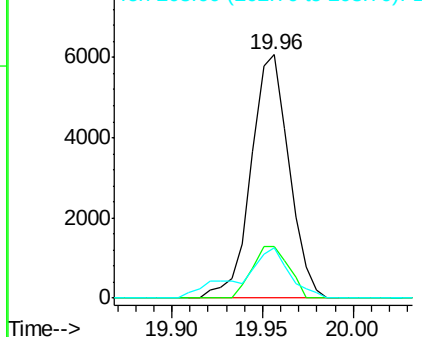
Delta R.T. 0.00 min

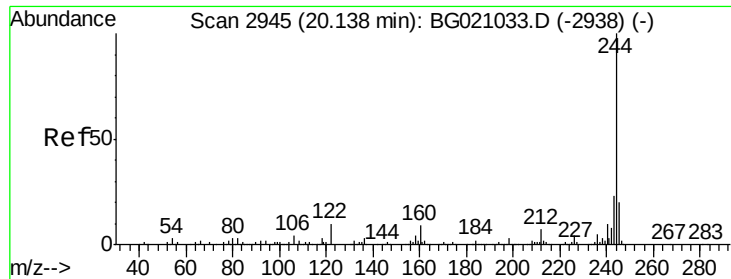
Lab File: BG021064.D

Acq: 24 Feb 2016 23:11

Tgt Ion:	202	Resp:	8835
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	25.0
203	20.8	13.8	20.8#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 42.01 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG021064.D

Acq: 24 Feb 2016 23:11

Instrument :

BNA_G

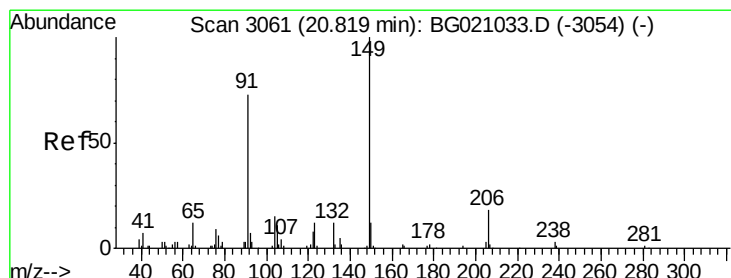
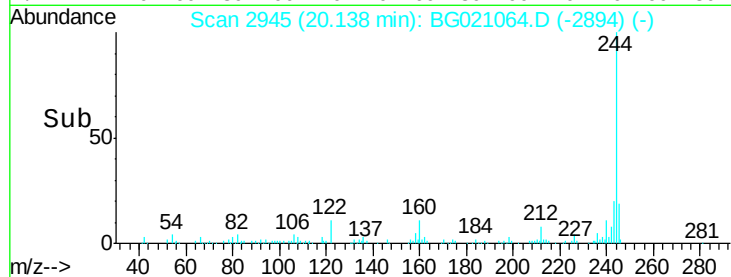
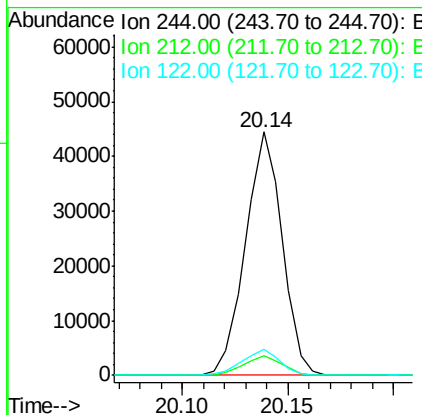
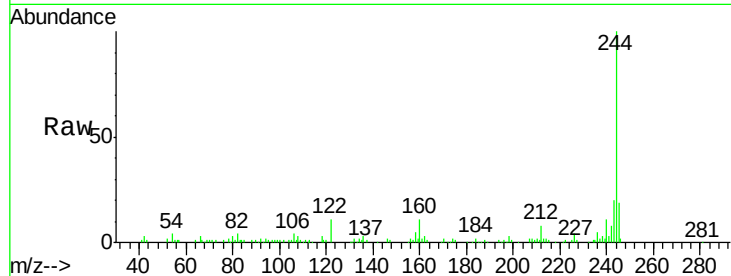
ClientSampleId :

SP-3(0-2)

Tot Ion:	244	Resp:	53613
Ion Ratio	Lower	Upper	
244	100		
212	7.9	5.8	8.6
122	10.6	8.3	12.5

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 416.78 ng

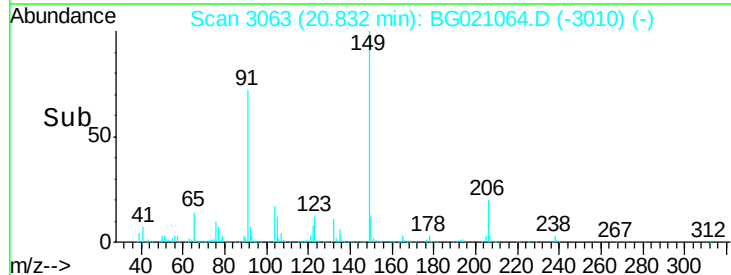
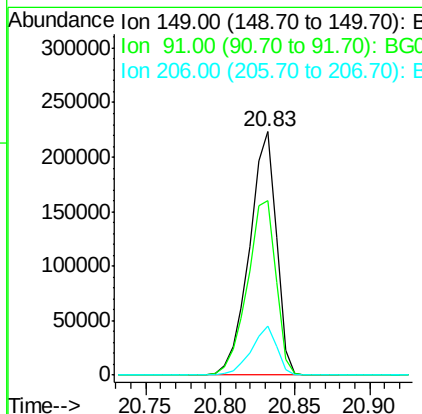
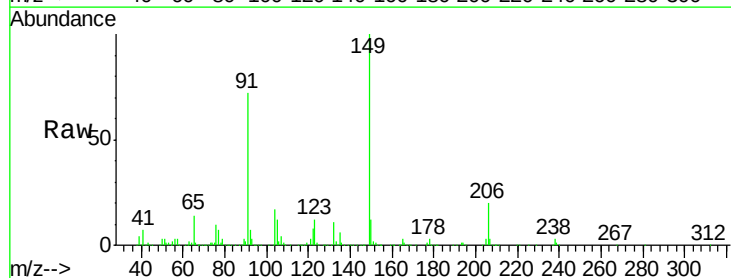
RT: 20.83 min Scan# 3063

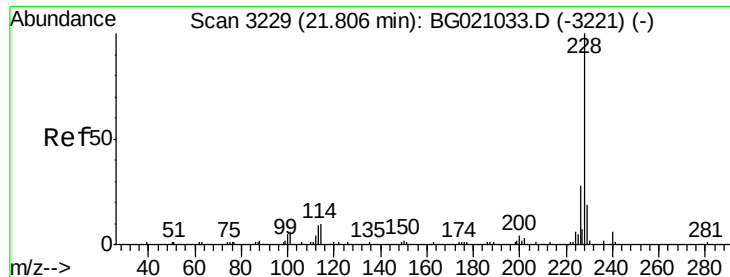
Delta R.T. 0.01 min

Lab File: BG021064.D

Acq: 24 Feb 2016 23:11

Tgt Ion:	149	Resp:	278093
Ion Ratio	Lower	Upper	
149	100		
91	71.9	58.6	87.8
206	20.1	14.2	21.4





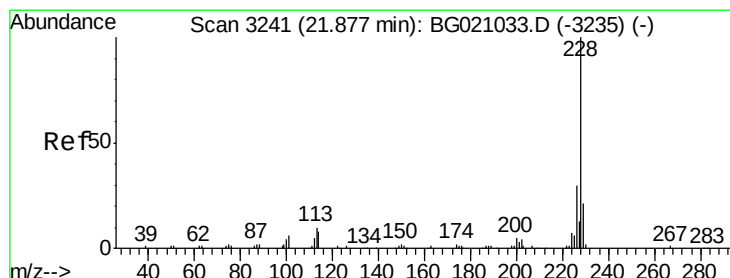
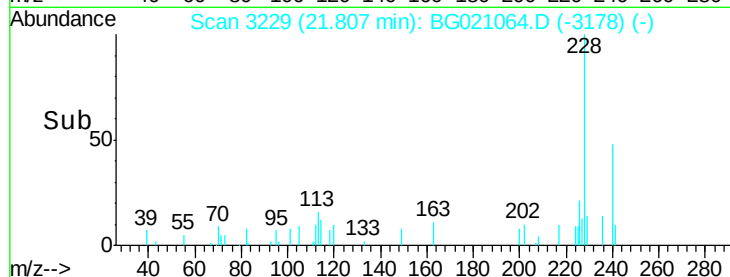
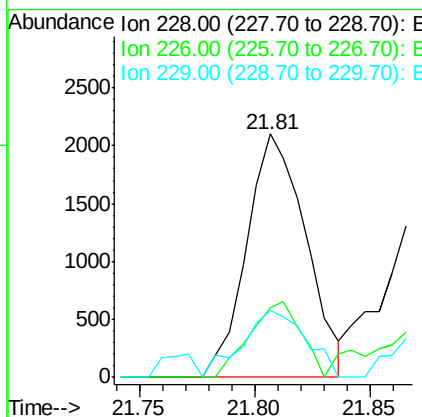
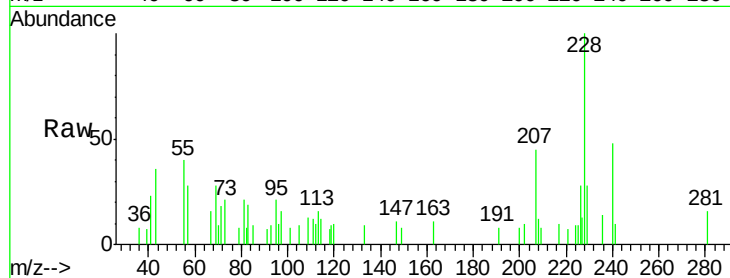
#80
Benzo(a)anthracene
Concen: 3.78 ng
RT: 21.81 min Scan# 3229
Delta R.T. 0.00 min
Lab File: BG021064.D
Acq: 24 Feb 2016 23:11

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	27.6	15.5	23.3

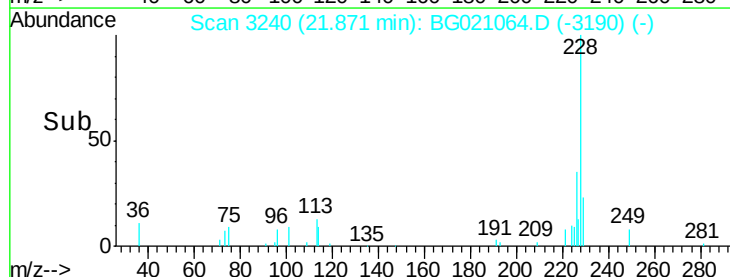
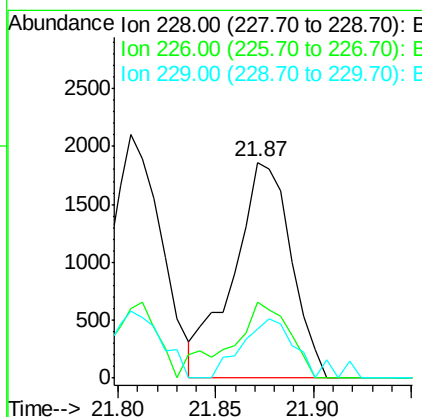
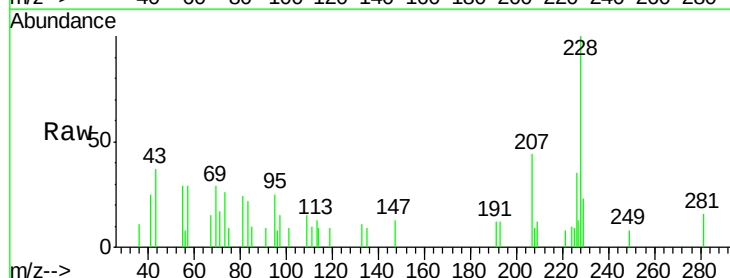
Manual Integrations
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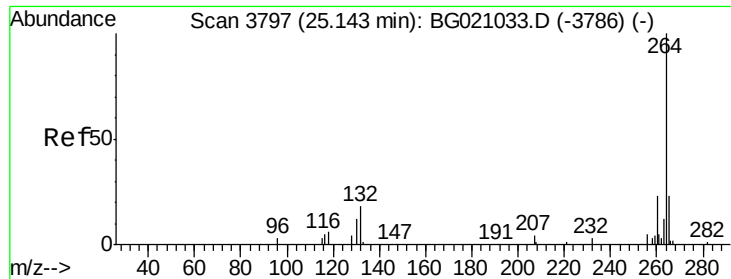
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#82
Chrysene
Concen: 4.13 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG021064.D
Acq: 24 Feb 2016 23:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	23.7	35.5
229	22.6	16.7	25.1





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. 0.01 min
Lab File: BG021064.D
Acq: 24 Feb 2016 23:11

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

Tot Ion:	264	Resp:	13816
Ion Ratio	Lower	Upper	
264	100		
260	25.7	18.5	27.7
265	22.9	18.6	28.0

Manual Integrations
APPROVED

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