

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021070.D
 Acq On : 25 Feb 2016 3:10
 Operator : UM/SJ
 Sample : H1557-01 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-09

Manual Integrations
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Sohil
 2/25/2016 2:40:39 PM

Quant Time: Feb 25 08:09:50 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	8.21	152	5289	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	26052	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	13059	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	22685	20.00	ng	0.00
75) Chrysene-d12	21.84	240	15747	20.00	ng	0.00
86) Perylene-d12	25.17	264	13192m	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	2275	7.54	ng	0.00
7) Phenol-d6	7.41	99	3582	7.71	ng	0.00
23) Nitrobenzene-d5	9.39	82	2259	5.09	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	1010	6.46	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	4947	5.27	ng	0.00
78) Terphenyl-d14	20.14	244	3509	2.89	ng	0.00
Target Compounds						Qvalue
74) Fluoranthene	19.59	202	7589	5.88	ng	97
77) Pyrene	19.96	202	7514	4.18	ng	98
80) Benzo(a)anthracene	21.82	228	5511	5.84	ng	# 89
82) Chrysene	21.88	228	4513	5.12	ng	# 88
87) Benzo(b)fluoranthene	24.12	252	6525	7.50	ng	# 91
88) Benzo(k)fluoranthene	24.16	252	3914m	4.77	ng	

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

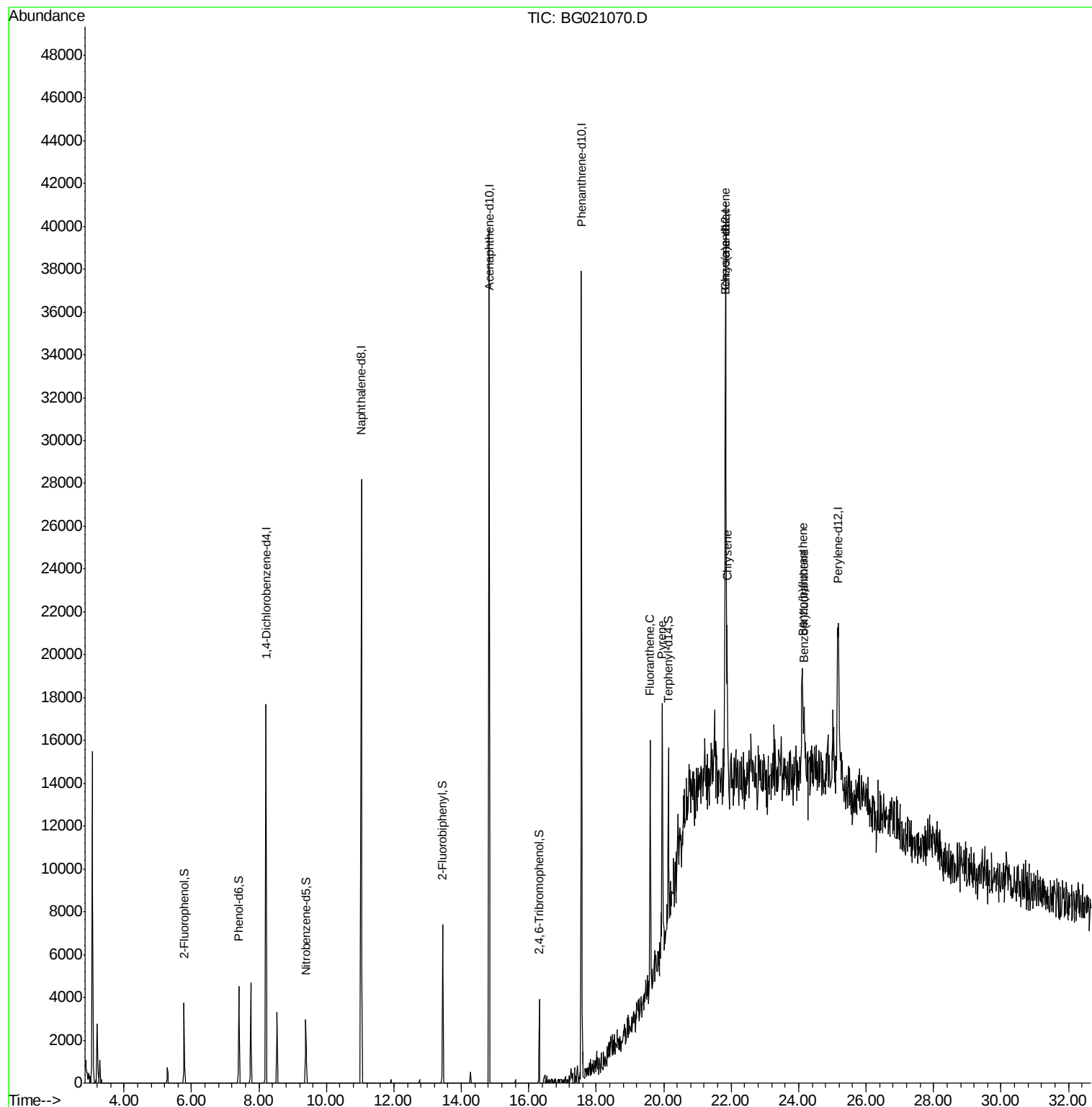
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021070.D
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#1

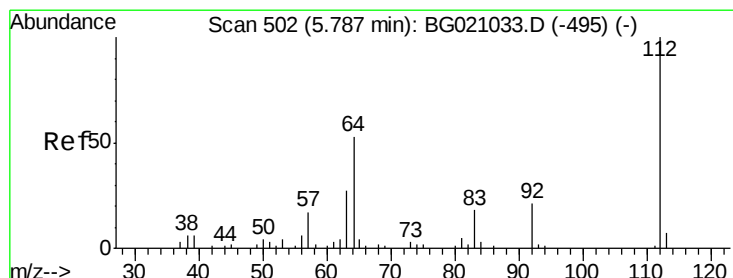
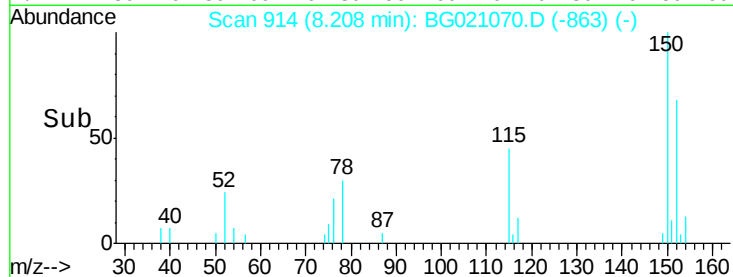
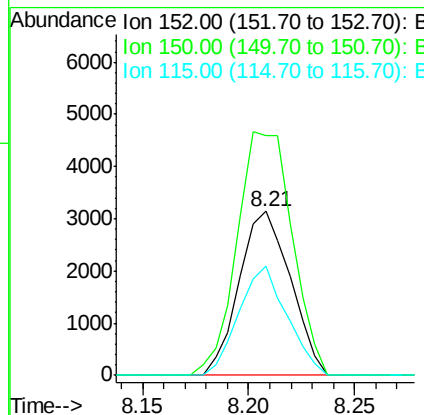
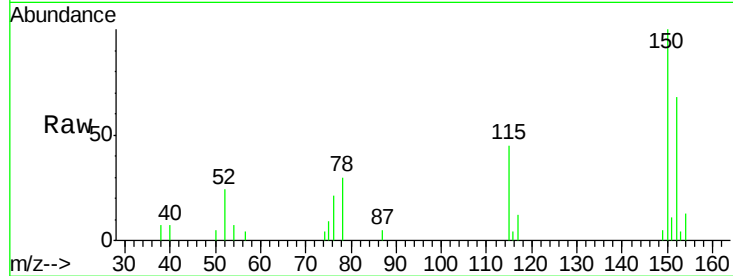
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG021070.D
Acq: 25 Feb 2016 3:10

Instrument :
BNA_G
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	123.4	185.2
115	66.6	43.3	64.9

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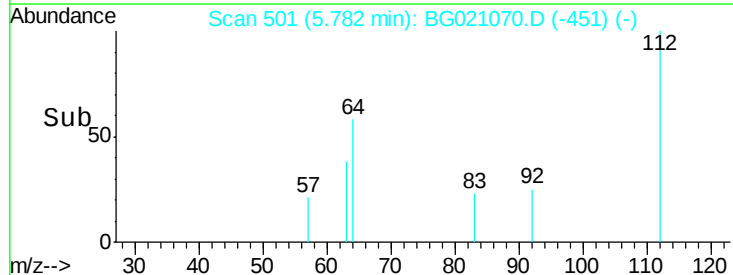
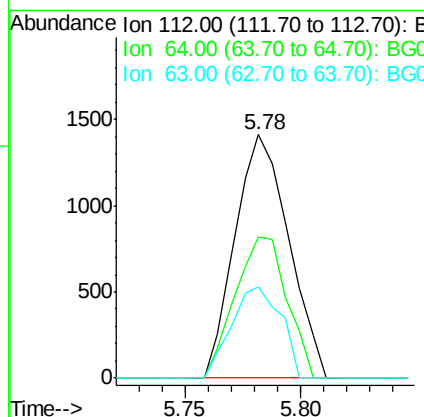
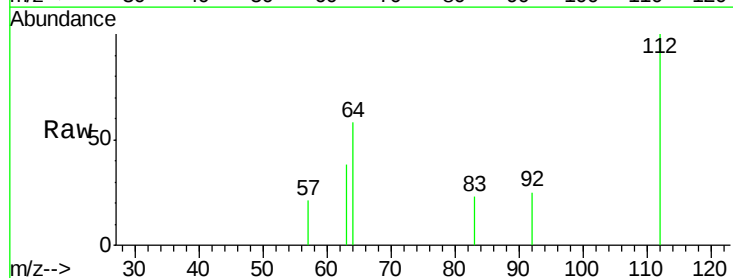
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#5

2-Fluorophenol
Concen: 7.54 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.00 min
Lab File: BG021070.D
Acq: 25 Feb 2016 3:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	42.6	63.8
63	37.7	21.7	32.5





#7

Phenol-d6

Concen: 7.71 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG021070.D

Acq: 25 Feb 2016 3:10

Instrument :

BNA_G

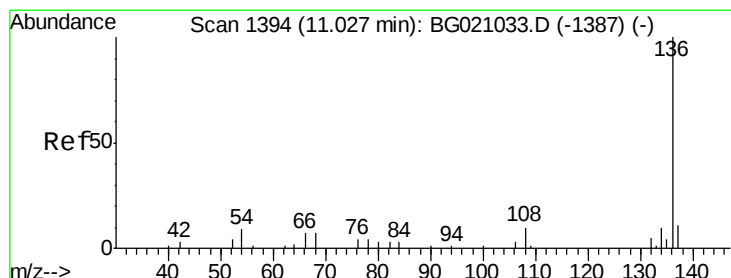
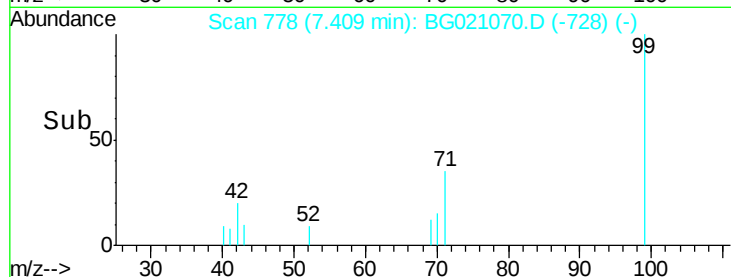
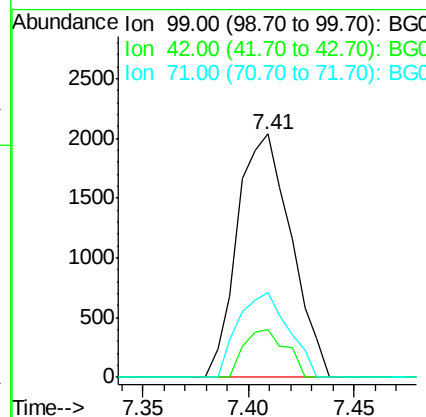
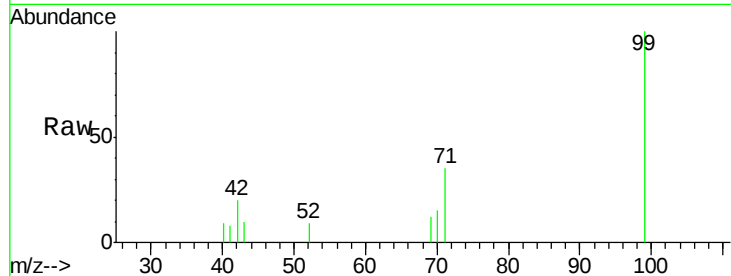
ClientSampled :

P-09

Tot Ion:	99	Resp:	3582
Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.2	19.8
71	35.0	25.2	37.8

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#21

Naphthalene-d8

Concen: 20.00 ng

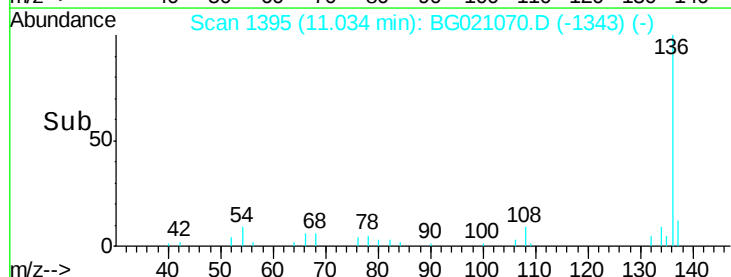
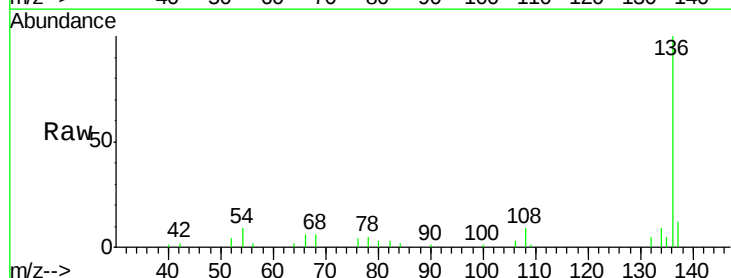
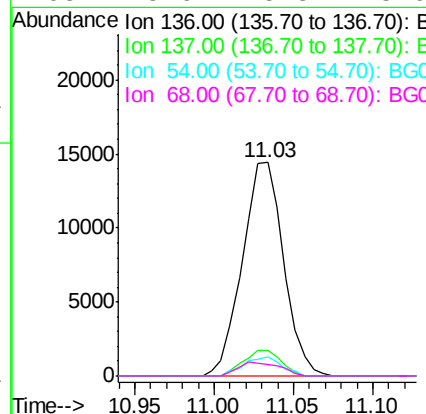
RT: 11.03 min Scan# 1395

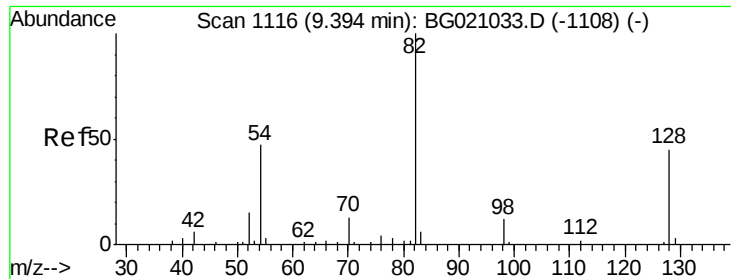
Delta R.T. 0.01 min

Lab File: BG021070.D

Acq: 25 Feb 2016 3:10

Tgt Ion:	136	Resp:	26052
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	9.3	6.9	10.3
68	5.6	5.8	8.6#





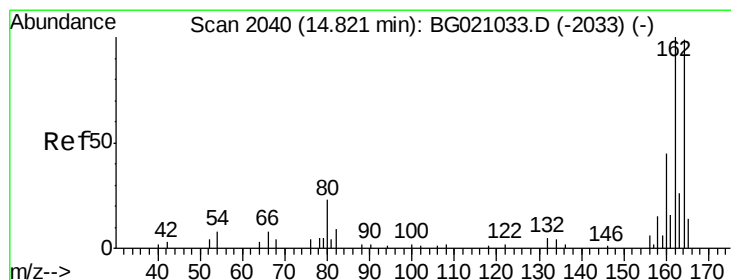
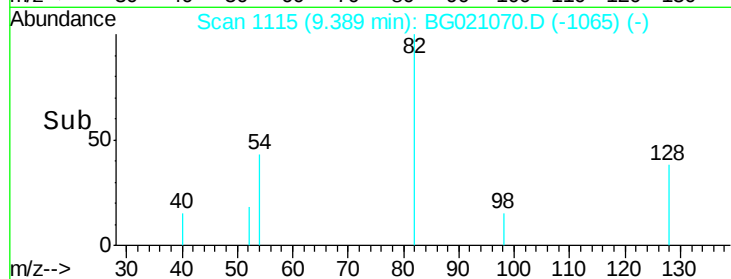
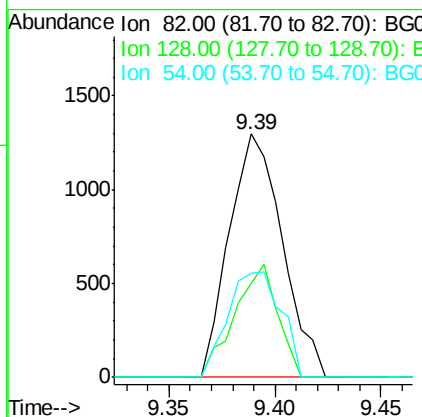
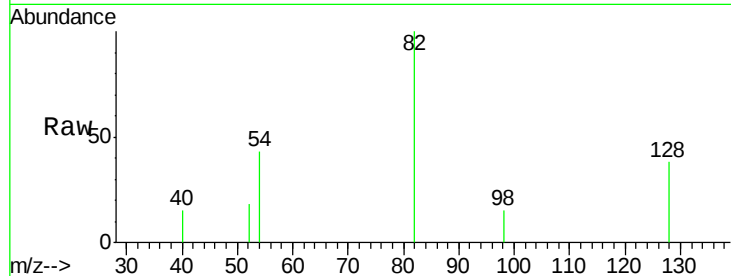
#23
Nitrobenzene-d5
Concen: 5.09 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG021070.D
Acq: 25 Feb 2016 3:10

Instrument :
BNA_G
ClientSampled :
P-09

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.3	54.5
54	42.7	37.6	56.4

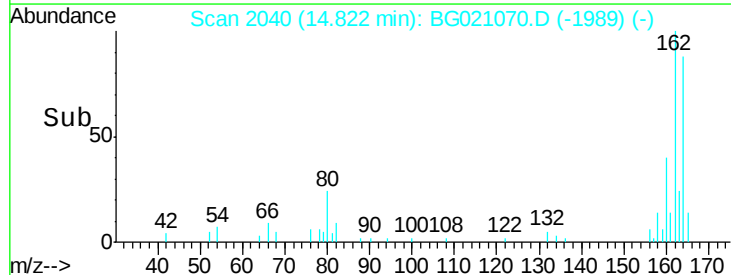
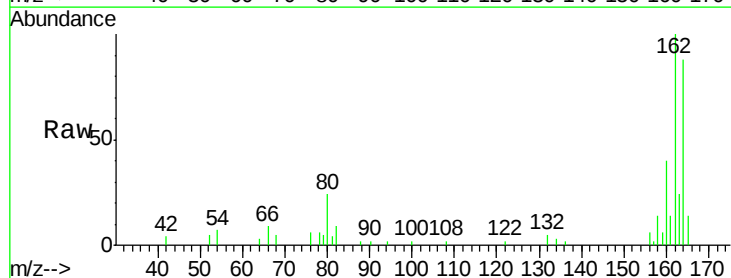
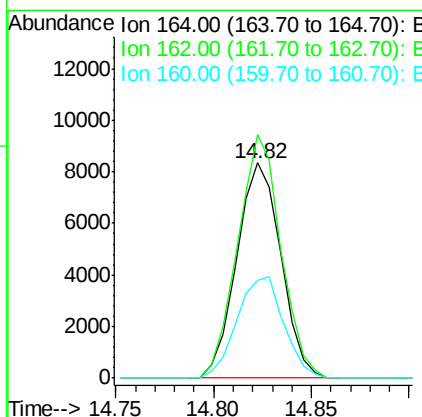
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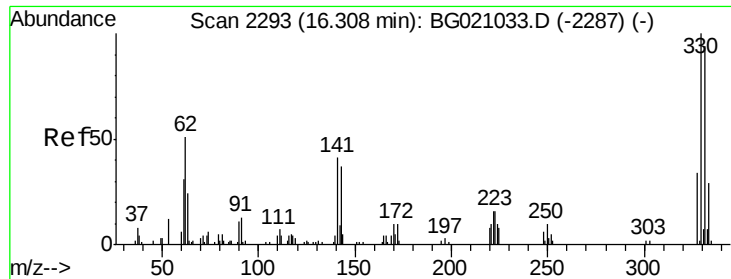
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG021070.D
Acq: 25 Feb 2016 3:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	113.1	80.6	120.8
160	45.2	36.5	54.7





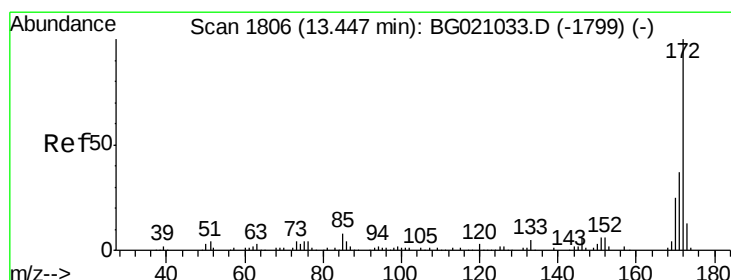
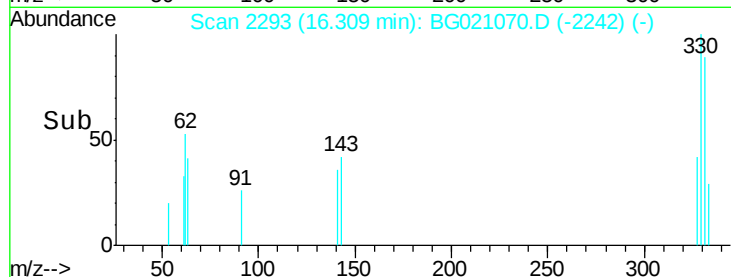
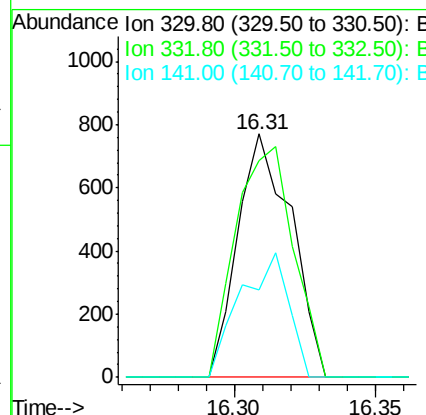
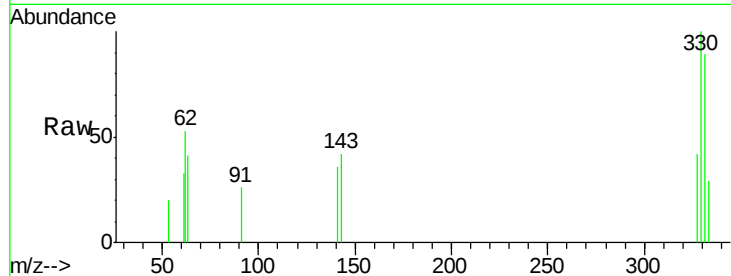
#41
 2,4,6-Tribromophenol
 Concen: 6.46 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG021070.D
 Acq: 25 Feb 2016 3:10

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.4	116.0
141	46.1	35.3	52.9

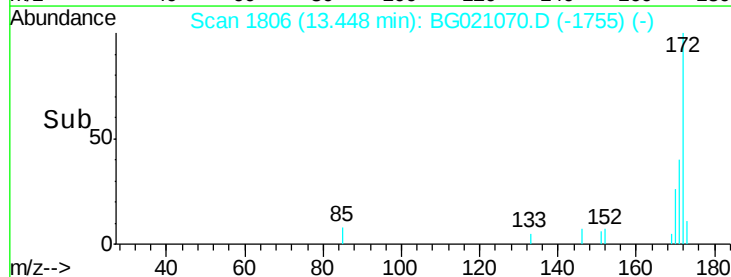
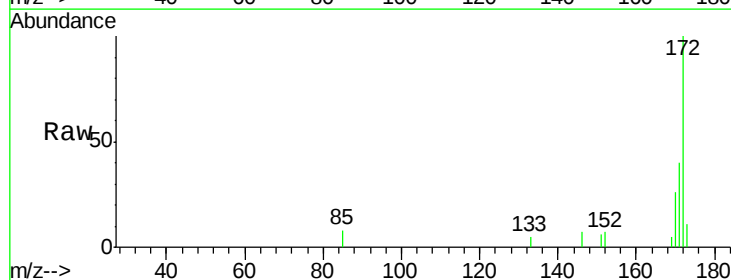
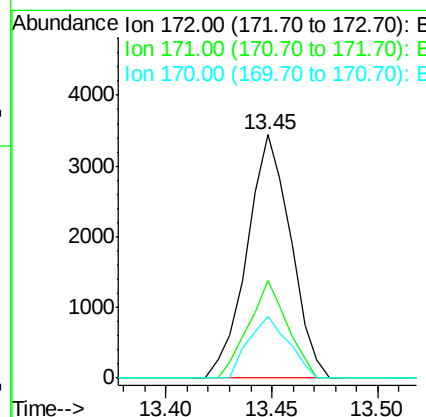
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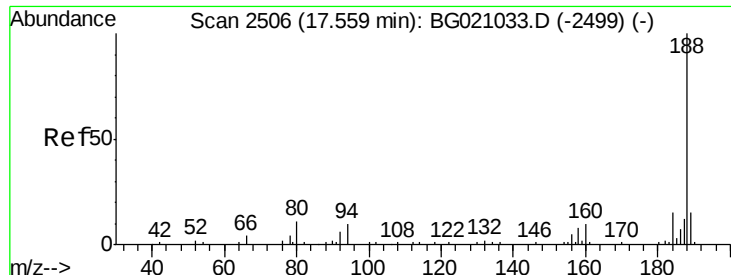
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#44
 2-Fluorobiphenyl
 Concen: 5.27 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG021070.D
 Acq: 25 Feb 2016 3:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.2	29.4	44.0
170	25.6	19.8	29.8





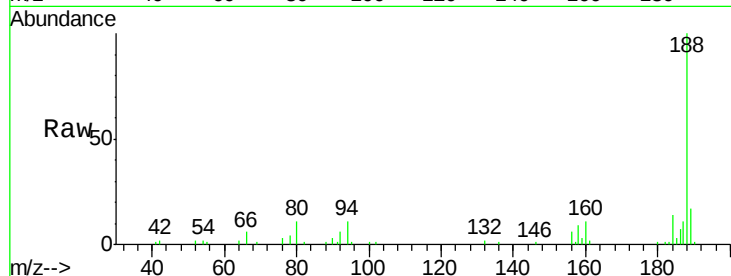
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG021070.D
Acq: 25 Feb 2016 3:10

Instrument :
BNA_G
ClientSampleId :
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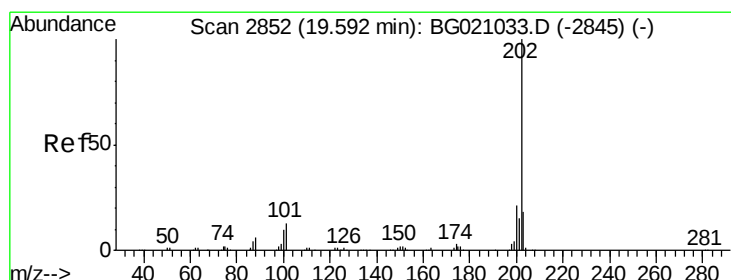
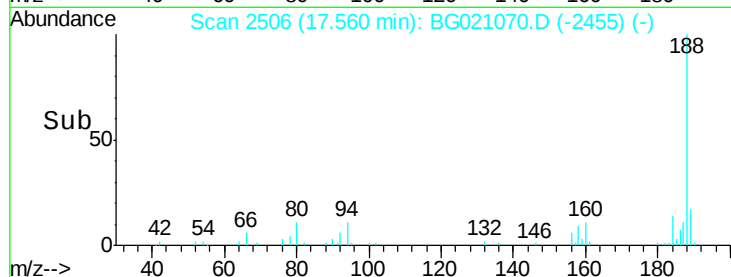
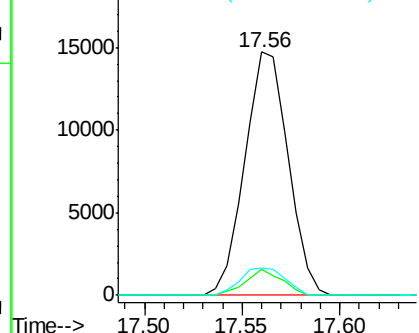
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.9	8.2	12.4
80	11.5	9.2	13.8

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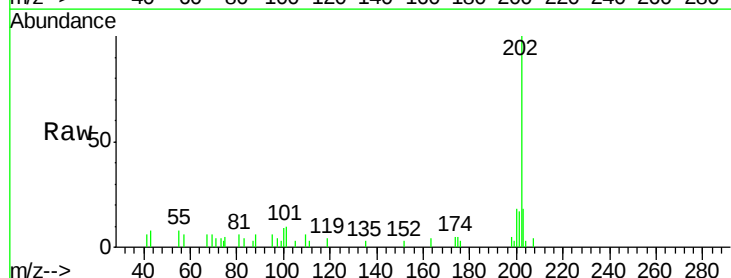


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

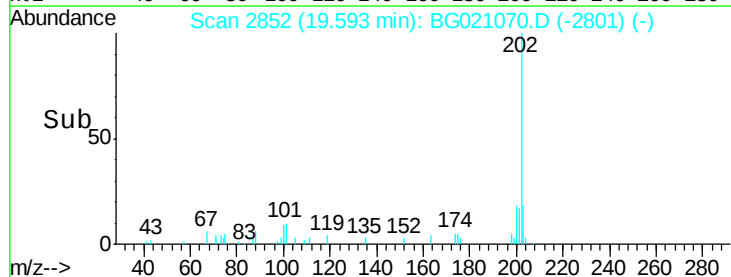
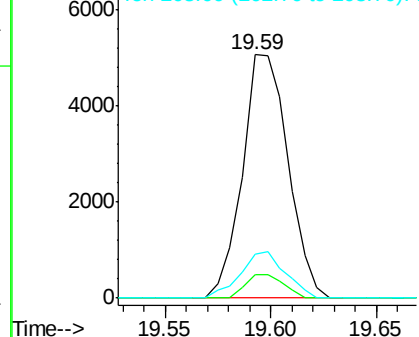


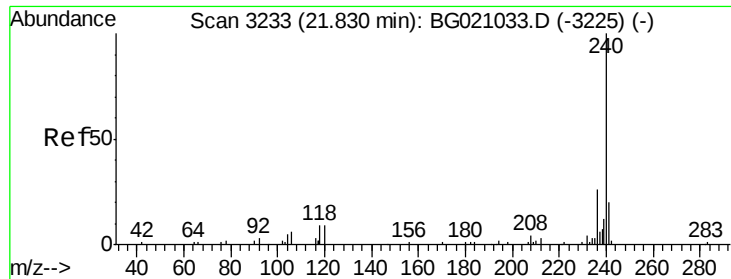
#74
Fluoranthene
Concen: 5.88 ng
RT: 19.59 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BG021070.D
Acq: 25 Feb 2016 3:10

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	32.5
203	17.8	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BG021070.D

Acq: 25 Feb 2016 3:10

Instrument :

BNA_G

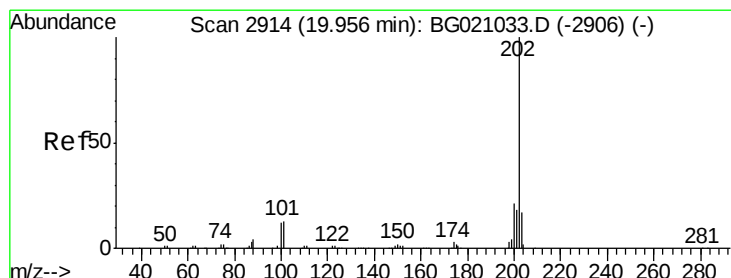
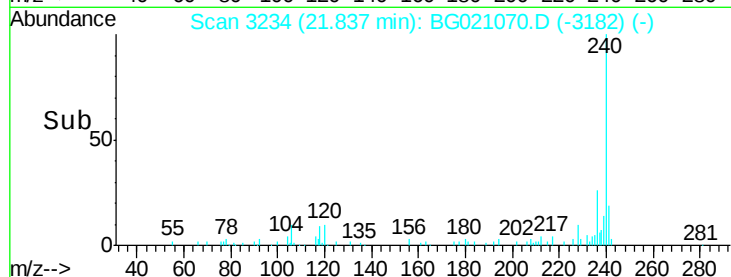
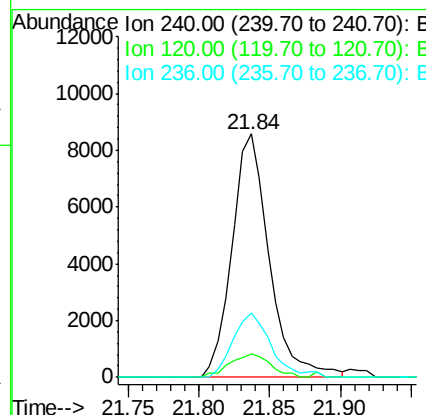
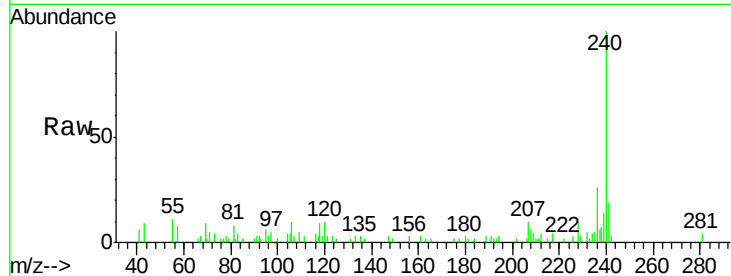
ClientSampleId :

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Tot Ion:	240	Resp:	15747
Ion Ratio	Lower	Upper	
240	100		
120	9.6	7.5	11.3
236	26.3	20.5	30.7

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#77

Pyrene

Concen: 4.18 ng

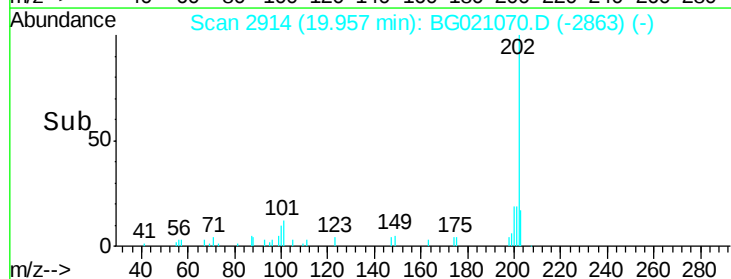
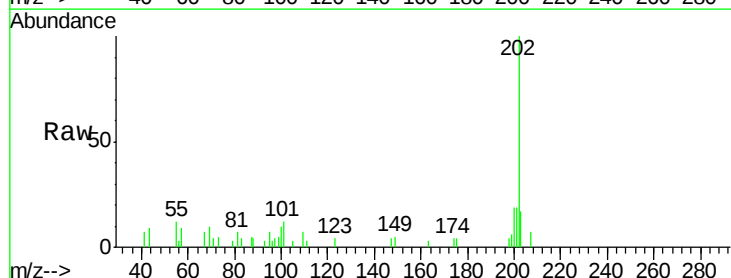
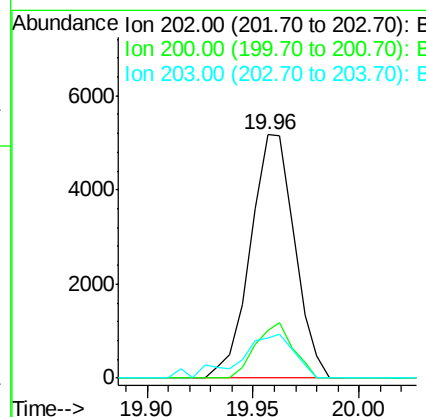
RT: 19.96 min Scan# 2914

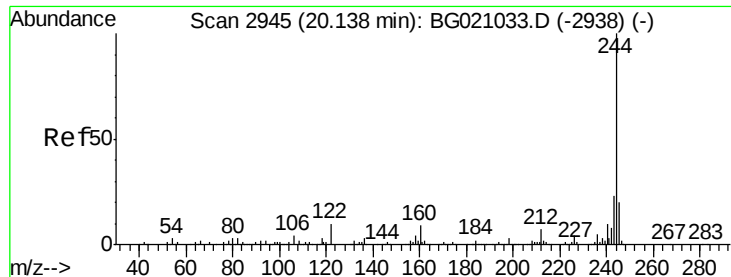
Delta R.T. 0.00 min

Lab File: BG021070.D

Acq: 25 Feb 2016 3:10

Tgt Ion:	202	Resp:	7514
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.6	25.0
203	16.6	13.8	20.8





#78

Terphenyl-d14

Concen: 2.89 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG021070.D

Acq: 25 Feb 2016 3:10

Instrument :

BNA_G

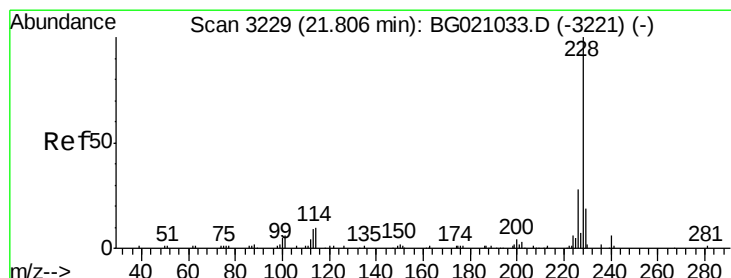
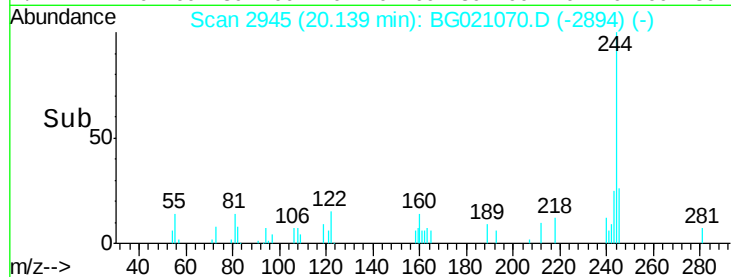
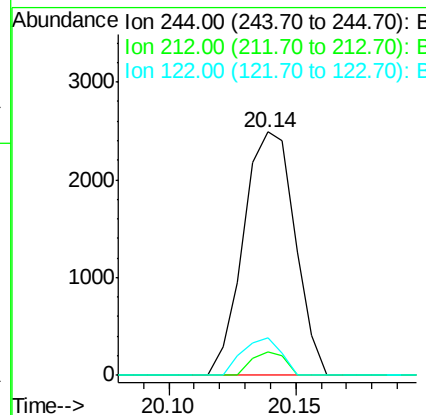
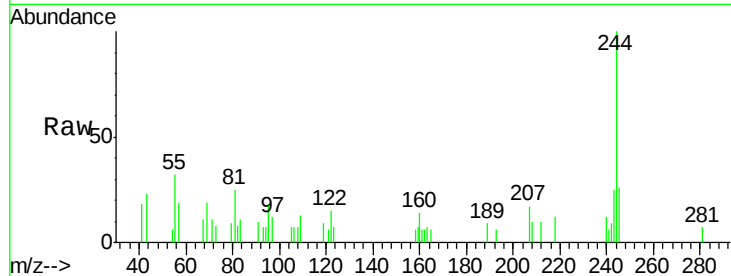
ClientSampled :

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Tot Ion:	244	Resp:	3509
Ion Ratio		Lower	Upper
244	100		
212	9.8	5.8	8.6#
122	15.3	8.3	12.5#

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#80

Benzo(a)anthracene

Concen: 5.84 ng

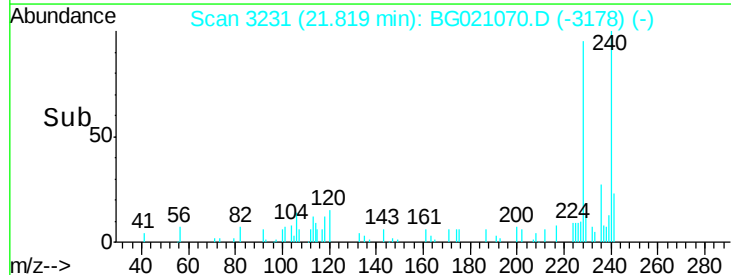
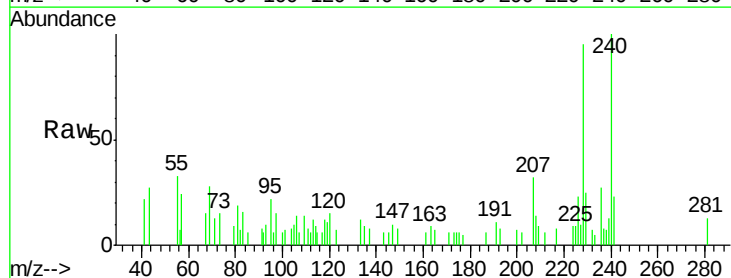
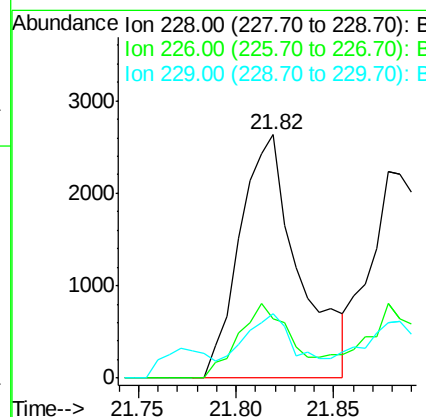
RT: 21.82 min Scan# 3231

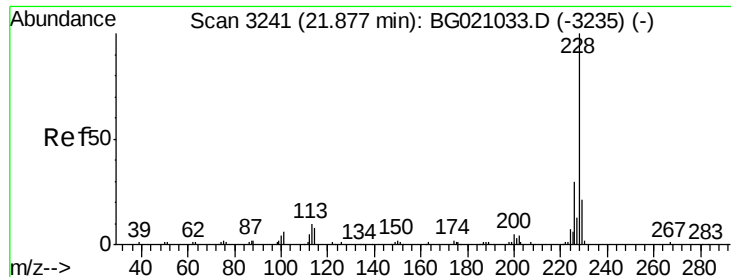
Delta R.T. 0.01 min

Lab File: BG021070.D

Acq: 25 Feb 2016 3:10

Tgt Ion:	228	Resp:	5511
Ion Ratio		Lower	Upper
228	100		
226	24.1	22.7	34.1
229	26.4	15.5	23.3#





#82

Chrysene

Concen: 5.12 ng

RT: 21.88 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BG021070.D

Acq: 25 Feb 2016 3:10

Instrument :

BNA_G

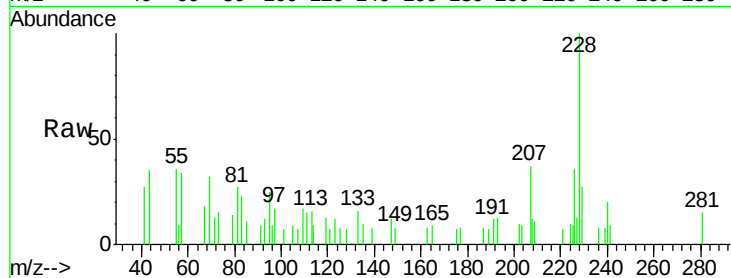
ClientSampled :

P-09

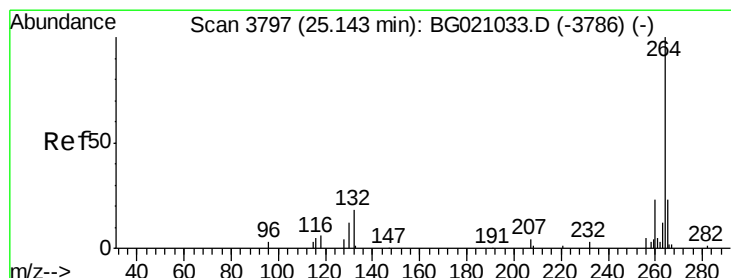
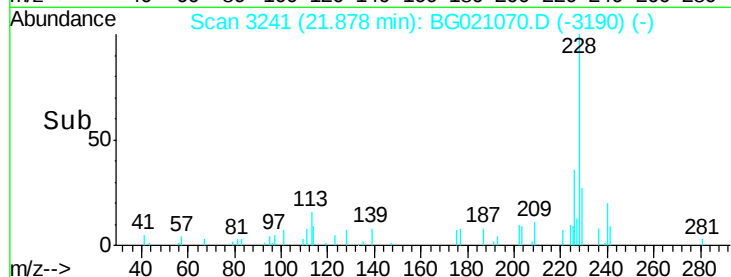
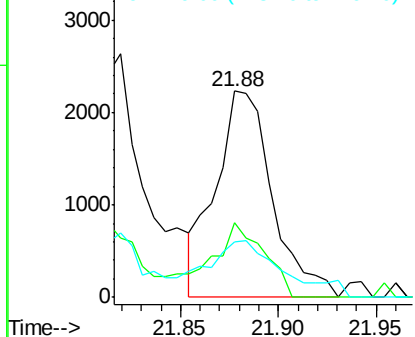
Tot Ion:	228	Resp:	4513
Ion Ratio	Lower	Upper	
228	100		
226	35.9	23.7	35.5#
229	27.0	16.7	25.1#

Manual Integrations
APPROVED

Sohil
2/25/2016 2:40:39 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng m

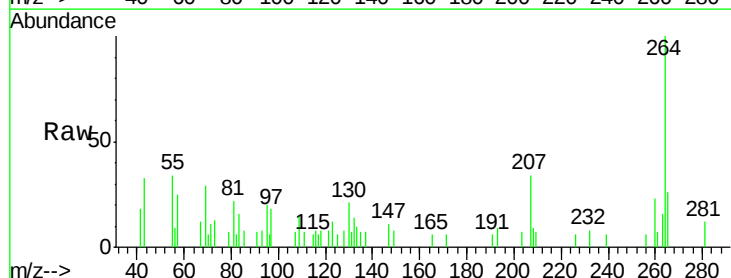
RT: 25.17 min Scan# 3801

Delta R.T. 0.02 min

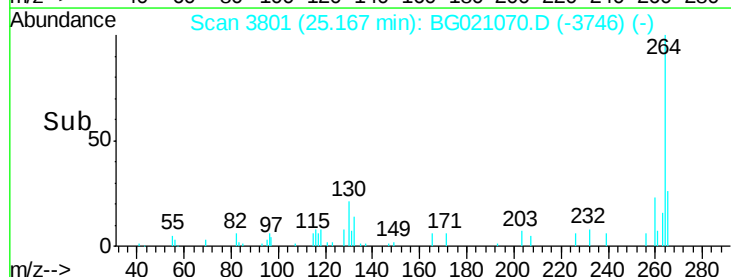
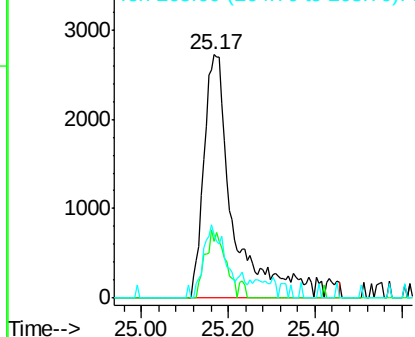
Lab File: BG021070.D

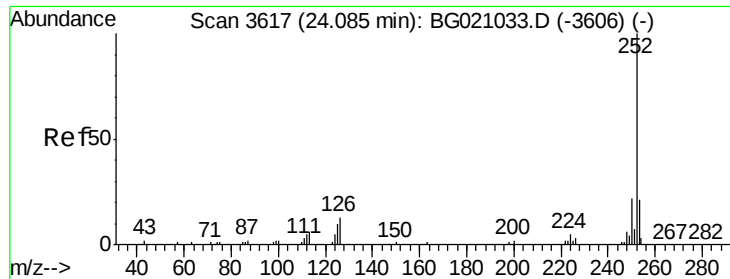
Acq: 25 Feb 2016 3:10

Tgt Ion:	264	Resp:	13192
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.5	27.7
265	25.8	18.6	28.0



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





#87

Benzo(b)fluoranthene

Concen: 7.50 ng

RT: 24.12 min Scan# 3622

Delta R.T. 0.03 min

Lab File: BG021070.D

Acq: 25 Feb 2016 3:10

Instrument :

BNA_G

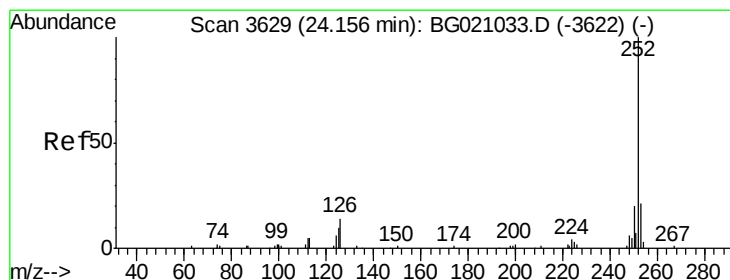
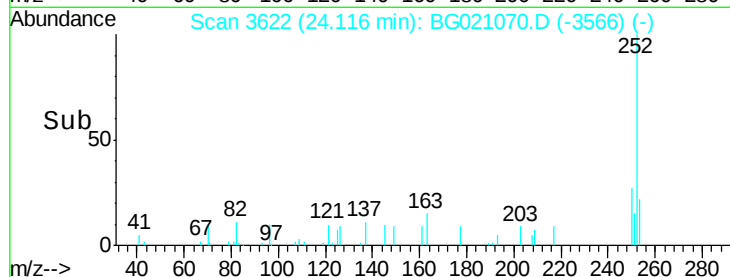
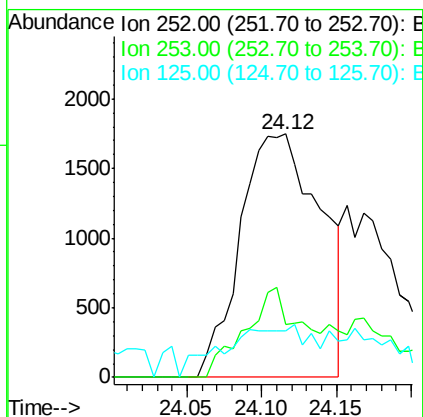
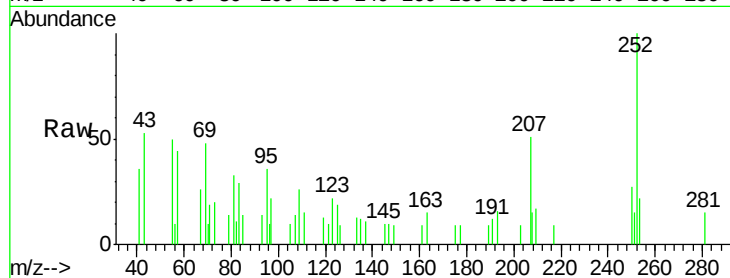
ClientSampleId :

P-09

Tot Ion:	252	Resp:	6525
Ion Ratio	Lower	Upper	
252	100		
253	21.7	16.8	25.2
125	19.0	8.2	12.2#

Manual Integrations
APPROVED

Sohil
2/25/2016 2:40:39 PM



#88

Benzo(k)fluoranthene

Concen: 4.77 ng m

RT: 24.16 min Scan# 3629

Delta R.T. 0.00 min

Lab File: BG021070.D

Acq: 25 Feb 2016 3:10

Tgt Ion:	252	Resp:	3914
Ion Ratio	Lower	Upper	
252	100		
253	25.0	16.4	24.6#
125	21.6	8.2	12.2#

