

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021069.D
 Acq On : 25 Feb 2016 2:30
 Operator : UM/SJ
 Sample : H1521-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-5+20(0-2)

Manual Integrations
 APPROVED

Sohil
 2/25/2016 2:40:35 PM

Quant Time: Feb 25 04:14:21 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	6020	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	28863	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	13220	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	21077	20.00	ng	0.00
75) Chrysene-d12	21.84	240	16284	20.00	ng	0.00
86) Perylene-d12	25.16	264	10084	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	44685	130.14	ng	0.00
7) Phenol-d6	7.41	99	67420	127.49	ng	0.00
23) Nitrobenzene-d5	9.39	82	44686	90.90	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	19226	121.40	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	74416	78.36	ng	0.00
78) Terphenyl-d14	20.14	244	53030	42.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.28	163	17089	15.85	ng	Qvalue # 99
70) Phenanthrene	17.60	178	3373	2.83	ng	95
74) Fluoranthene	19.60	202	3111	2.59	ng	96

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

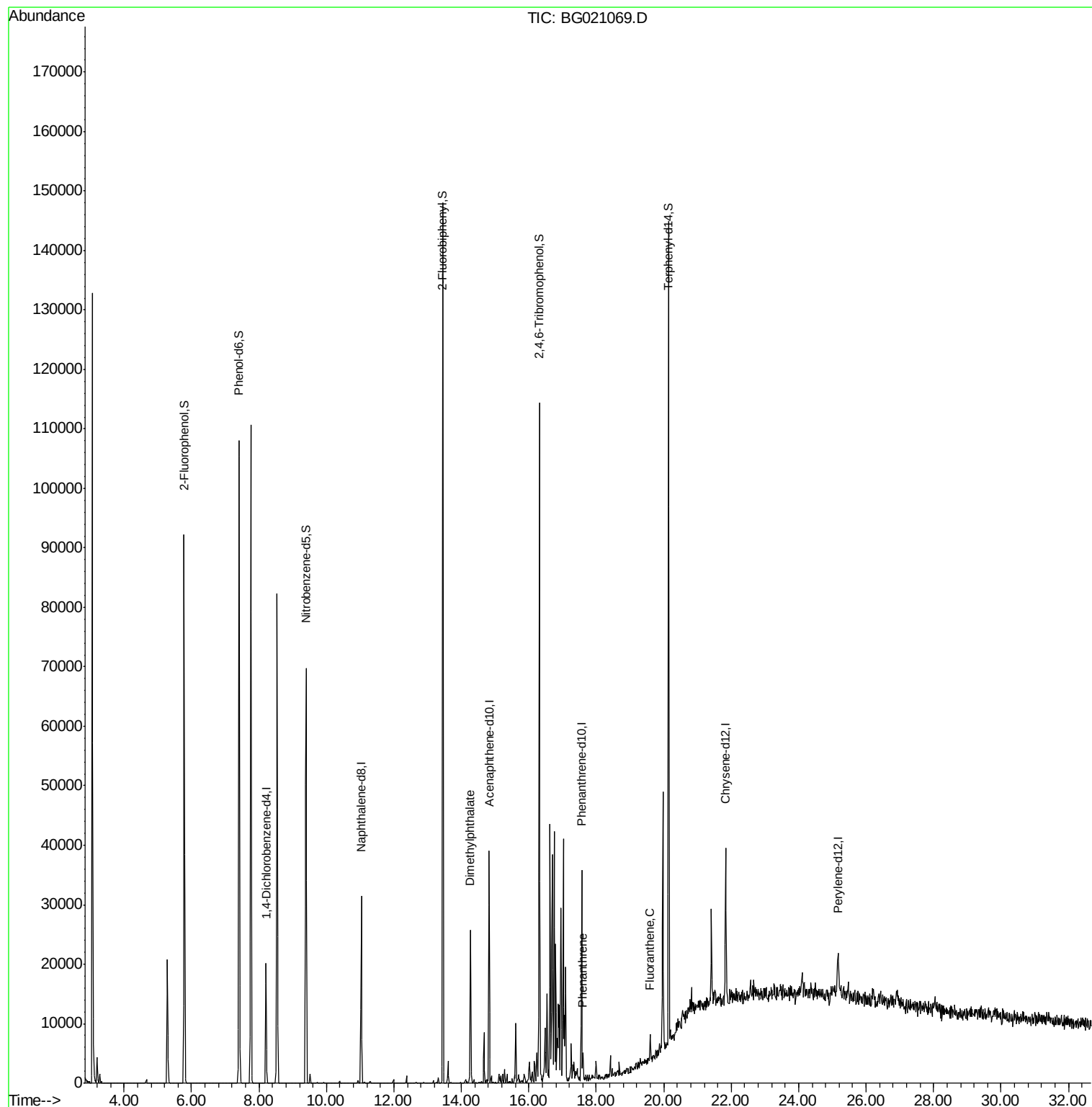
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021069.D
Acq On : 25 Feb 2016 2:30
Operator : UM/SJ
Sample : H1521-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

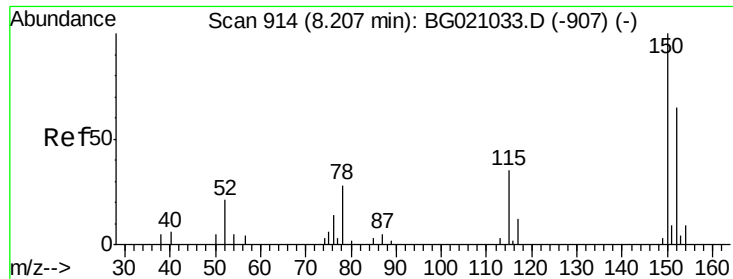
Instrument :
BNA_G
ClientSampleId :
SP-5+20(0-2)

Manual Integrations
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Quant Time: Feb 25 04:14:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

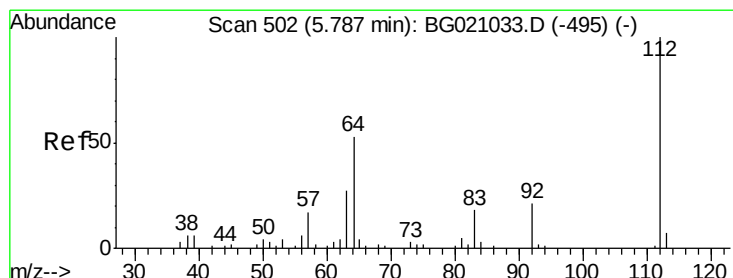
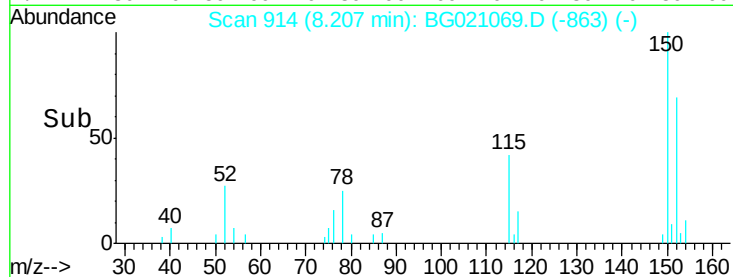
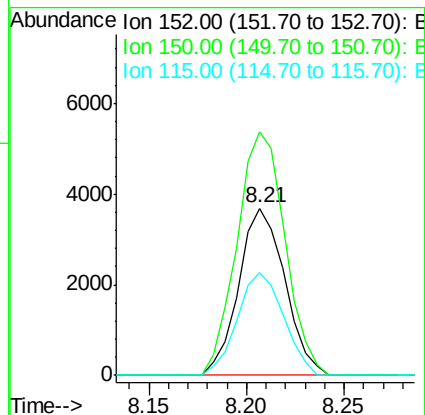
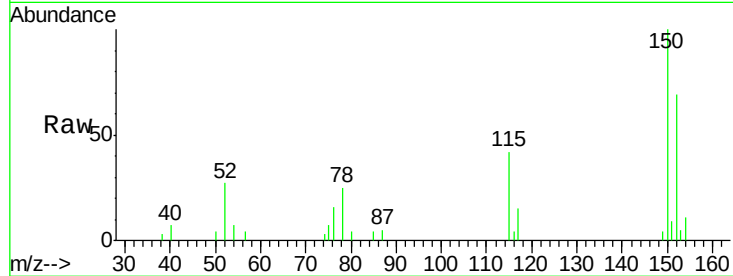
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG021069.D
Acq: 25 Feb 2016 2:30

Instrument :
BNA_G
ClientSampleId :
SP-5+20(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	123.4	185.2
115	61.8	43.3	64.9

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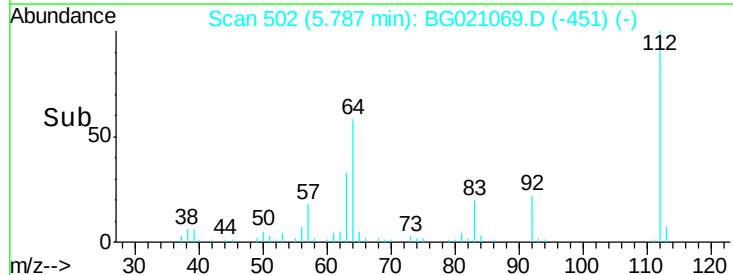
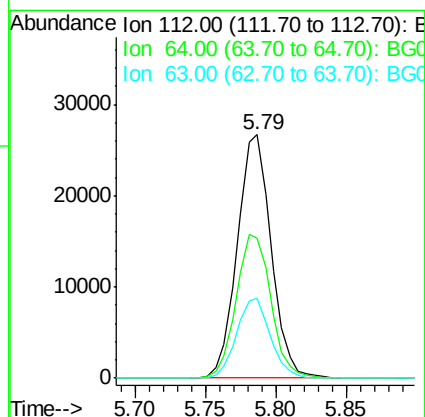
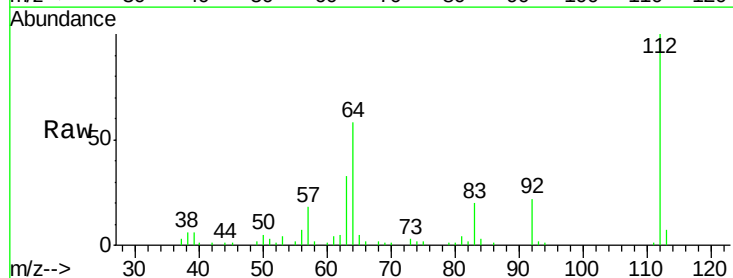
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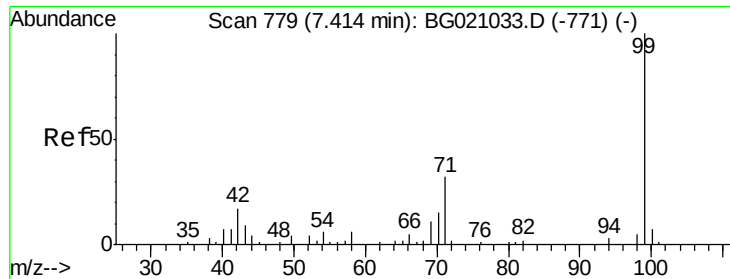


#5

2-Fluorophenol
Concen: 130.14 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.00 min
Lab File: BG021069.D
Acq: 25 Feb 2016 2:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	42.6	63.8
63	32.8	21.7	32.5





#7

Phenol-d6

Concen: 127.49 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG021069.D

Acq: 25 Feb 2016 2:30

Instrument :

BNA_G

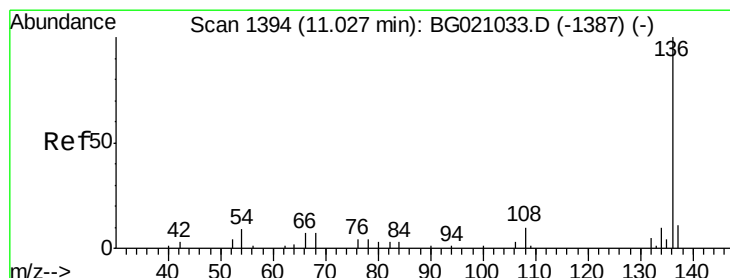
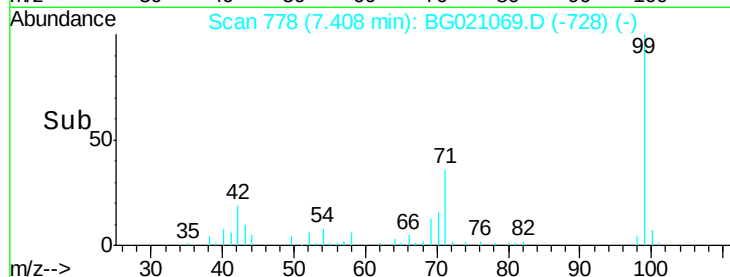
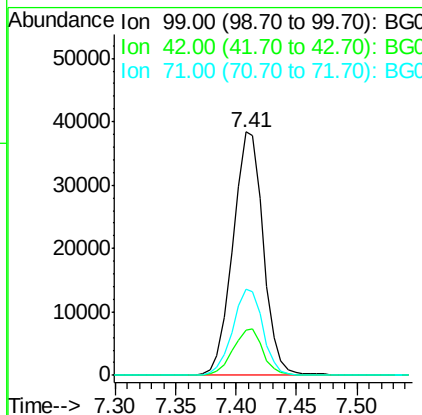
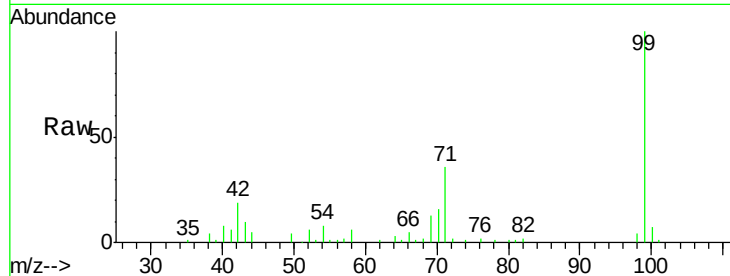
ClientSampleId :

SP-5+20(0-2)

Tot Ion:	99	Resp:	67420
Ion Ratio	Lower	Upper	
99	100		
42	18.8	13.2	19.8
71	35.6	25.2	37.8

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#21

Naphthalene-d8

Concen: 20.00 ng

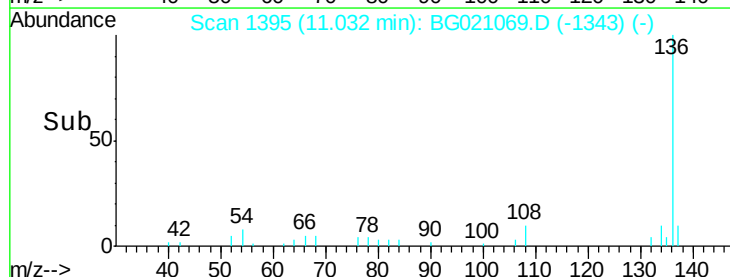
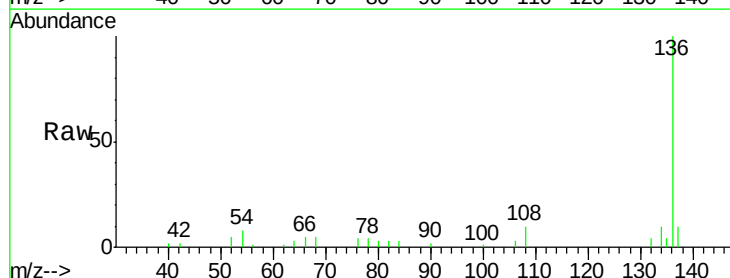
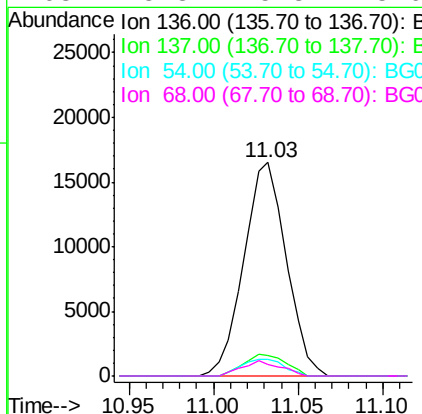
RT: 11.03 min Scan# 1395

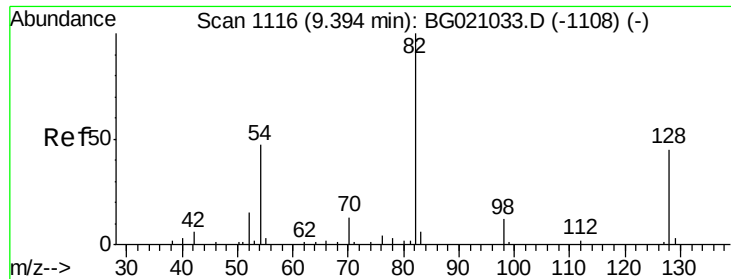
Delta R.T. 0.01 min

Lab File: BG021069.D

Acq: 25 Feb 2016 2:30

Tgt Ion:	136	Resp:	28863
Ion Ratio	Lower	Upper	
136	100		
137	9.5	8.8	13.2
54	7.6	6.9	10.3
68	5.3	5.8	8.6#





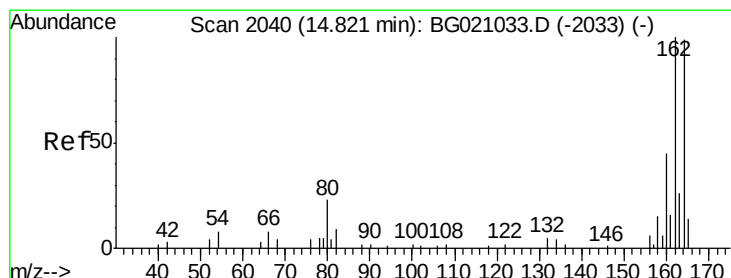
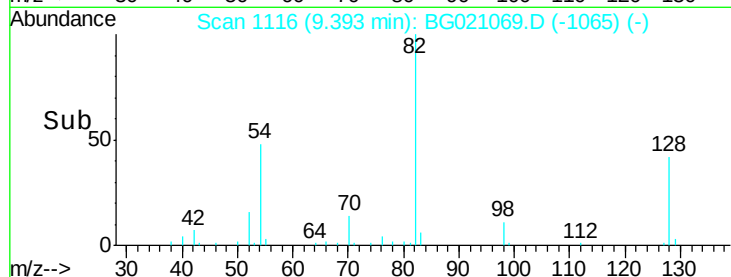
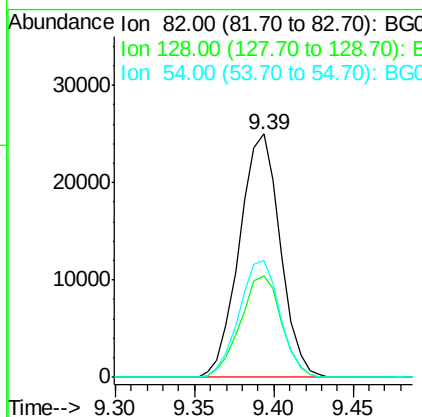
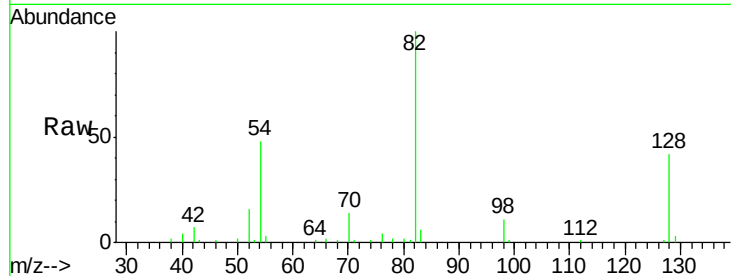
#23
 Nitrobenzene-d5
 Concen: 90.90 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BG021069.D
 Acq: 25 Feb 2016 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SP-5+20(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.3	54.5
54	48.1	37.6	56.4

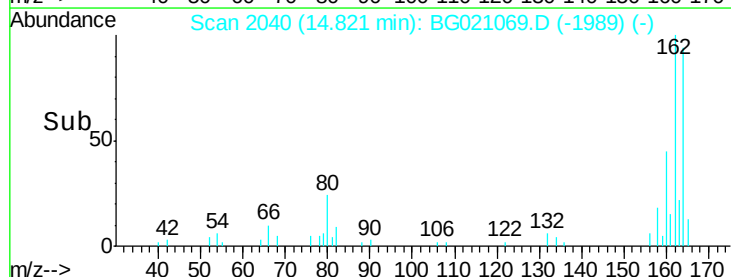
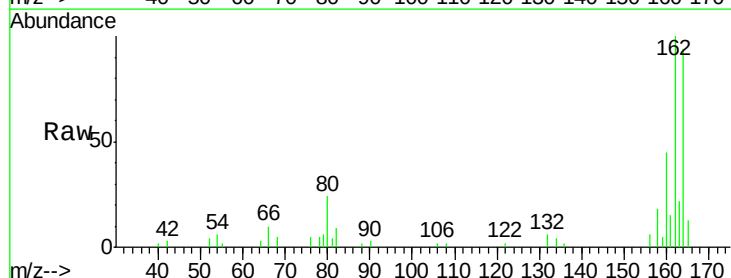
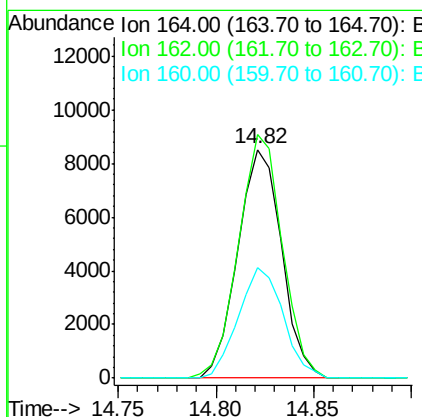
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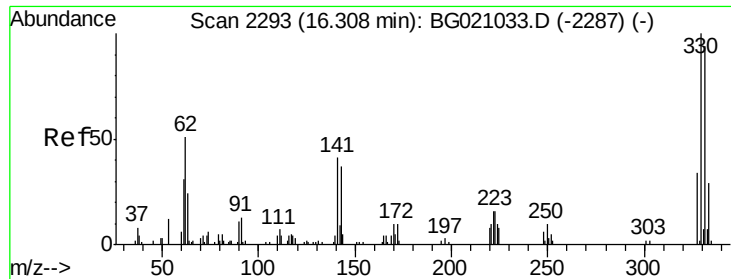
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021069.D
 Acq: 25 Feb 2016 2:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	80.6	120.8
160	48.1	36.5	54.7





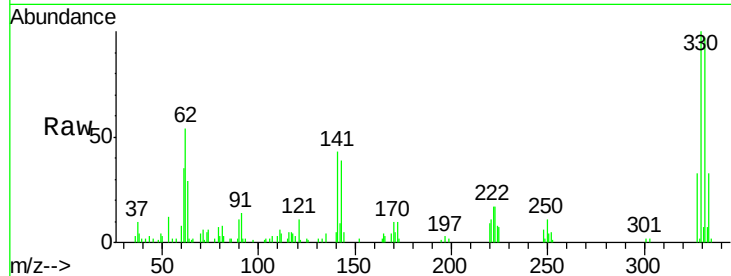
#41
 2,4,6-Tribromophenol
 Concen: 121.40 ng
 RT: 16.31 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BG021069.D
 Acq: 25 Feb 2016 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SP-5+20(0-2)

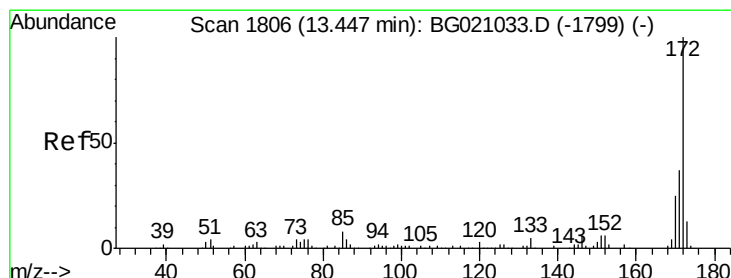
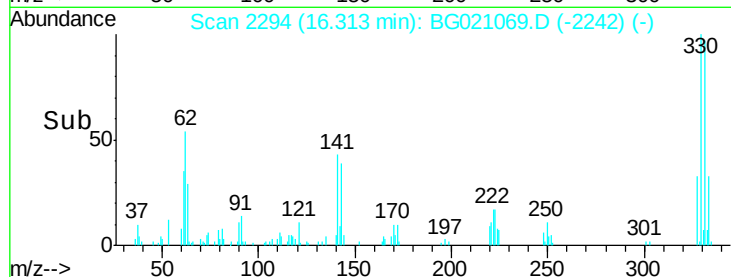
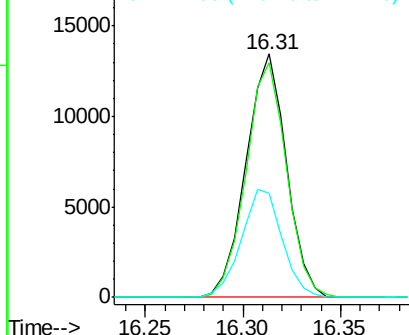
Tot Ion	Ratio	Resp	Lower	Upper
330	100	19226		
332	96.7		77.4	116.0
141	44.8		35.3	52.9

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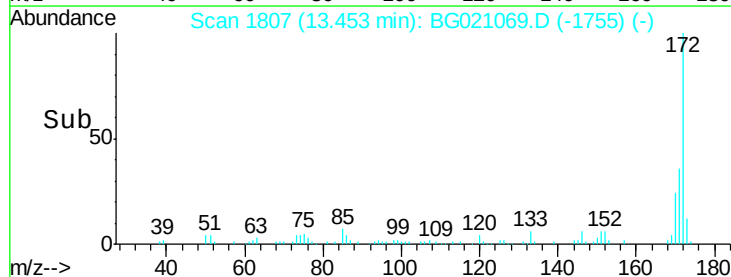
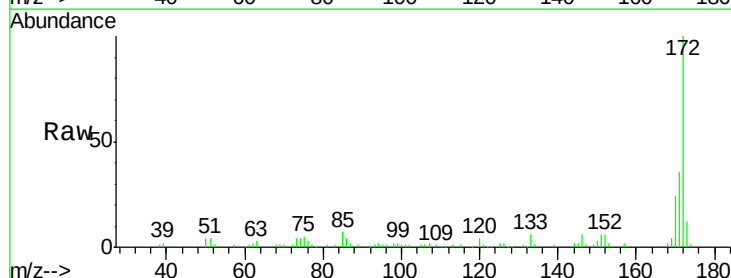
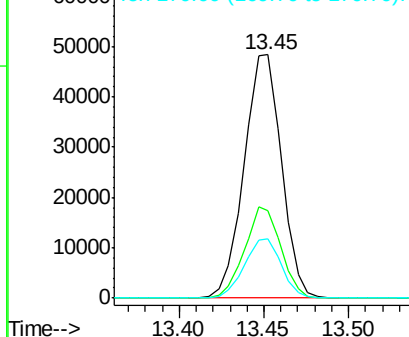
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

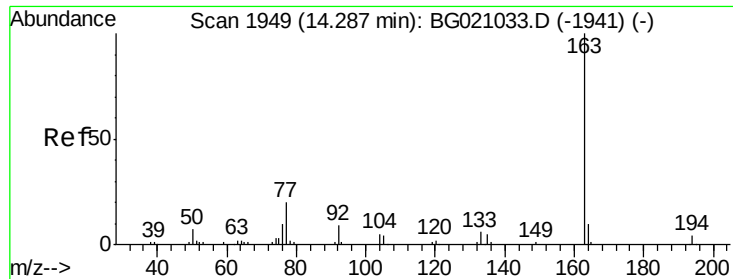


#44
 2-Fluorobiphenyl
 Concen: 78.36 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: BG021069.D
 Acq: 25 Feb 2016 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	74416		
171	36.1		29.4	44.0
170	24.1		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





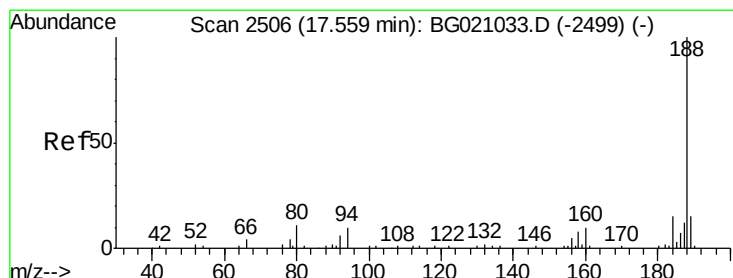
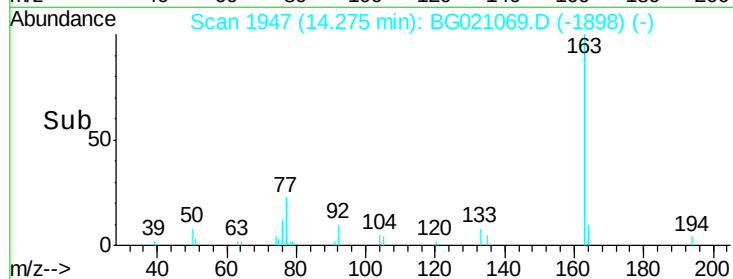
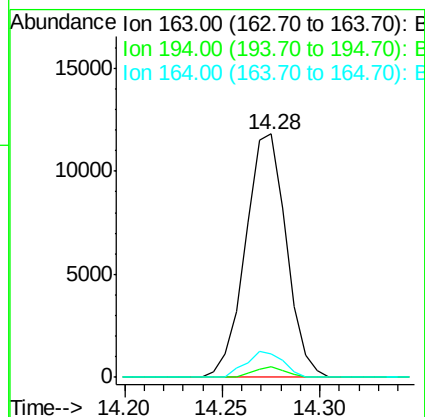
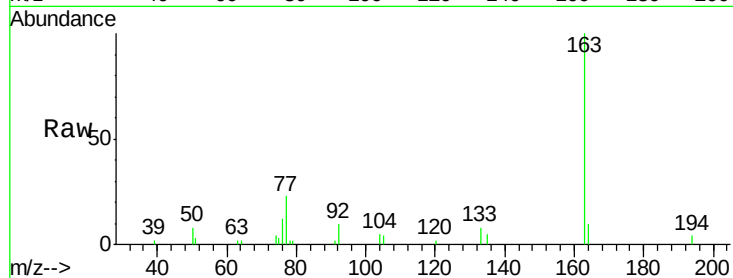
#49
Dimethylphthalate
Concen: 15.85 ng
RT: 14.28 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG021069.D
Acq: 25 Feb 2016 2:30

Instrument :
BNA_G
ClientSampleId :
SP-5+20(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	17089		
194	4.2		2.8	4.2#
164	9.9		7.9	11.9

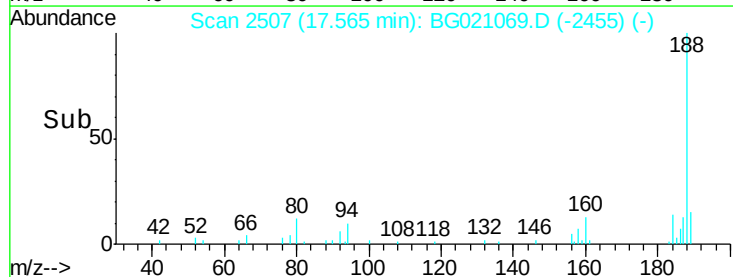
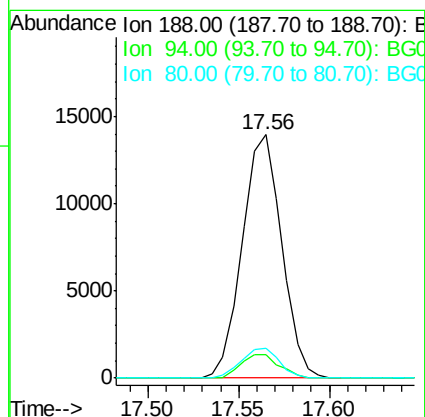
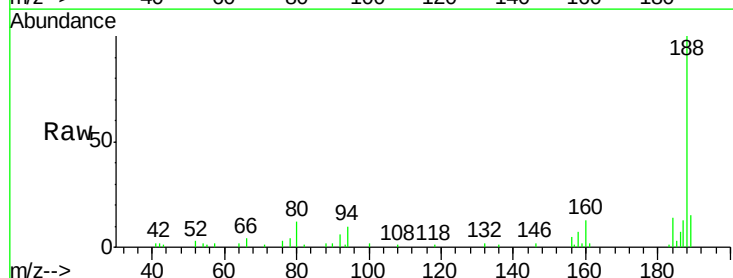
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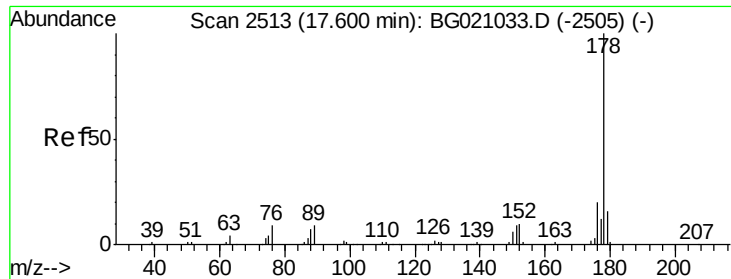
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BG021069.D
Acq: 25 Feb 2016 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	21077		
94	9.8		8.2	12.4
80	12.2		9.2	13.8





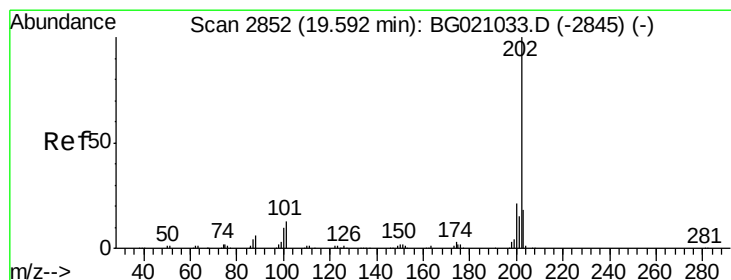
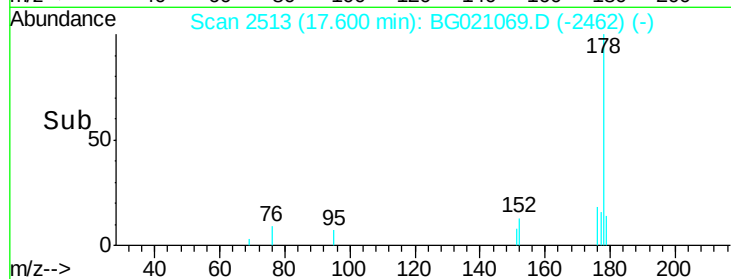
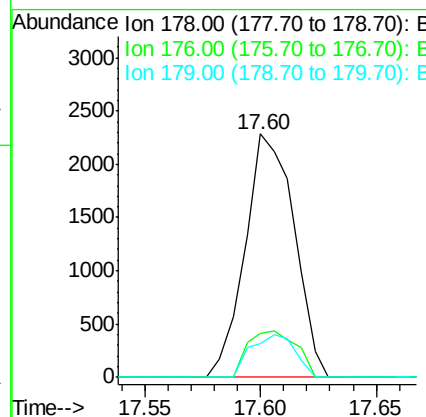
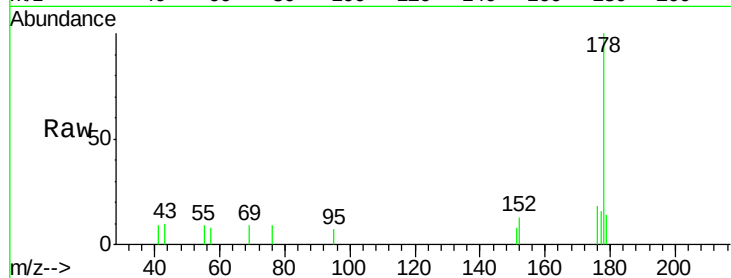
#70
Phenanthrene
Concen: 2.83 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG021069.D
Acq: 25 Feb 2016 2:30

Instrument :
BNA_G
ClientSampleId :
SP-5+20(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	14.0	12.9	19.3

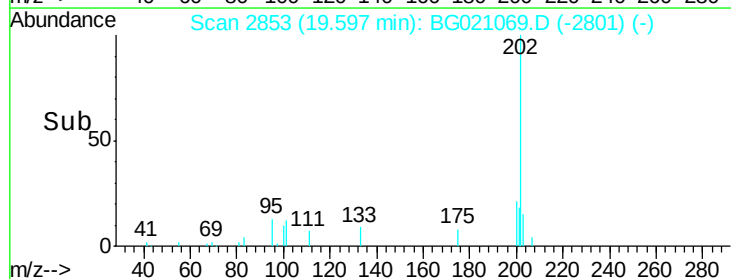
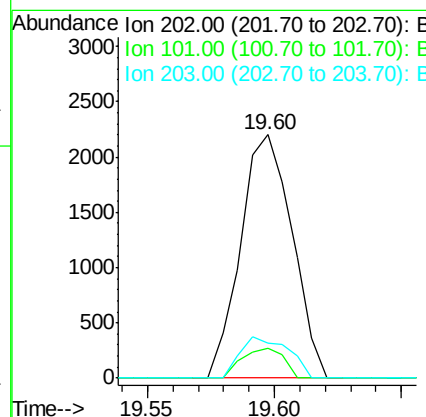
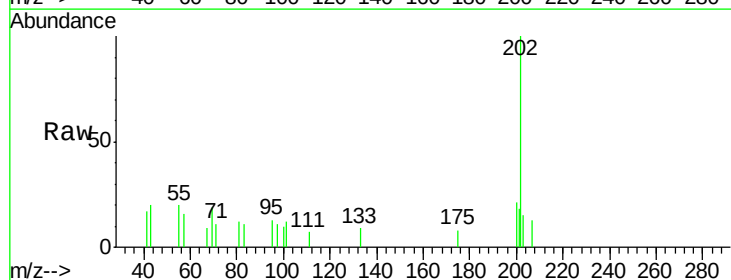
Manual Integrations
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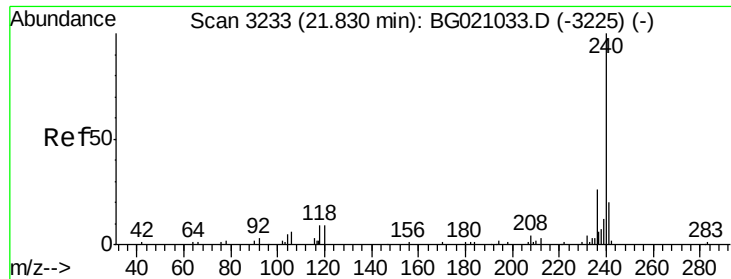
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#74
Fluoranthene
Concen: 2.59 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG021069.D
Acq: 25 Feb 2016 2:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.5
203	14.6	0.0	37.6





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BG021069.D

Acq: 25 Feb 2016 2:30

Instrument :

BNA_G

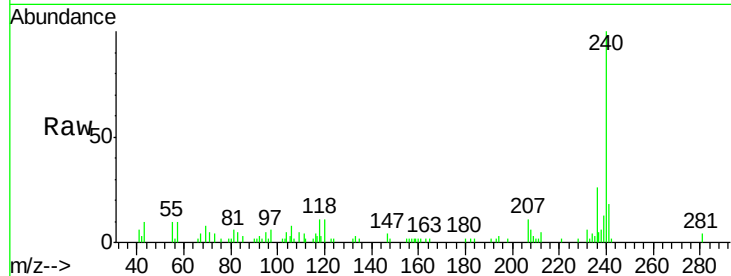
ClientSampleId :

SP-5+20(0-2)

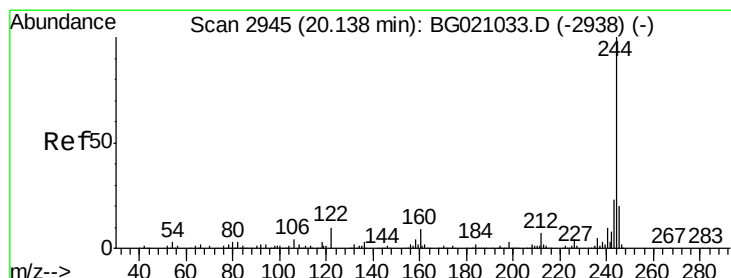
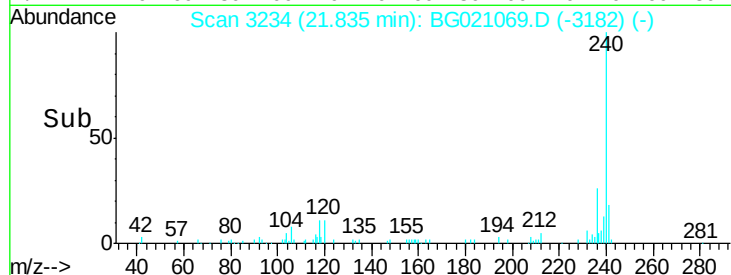
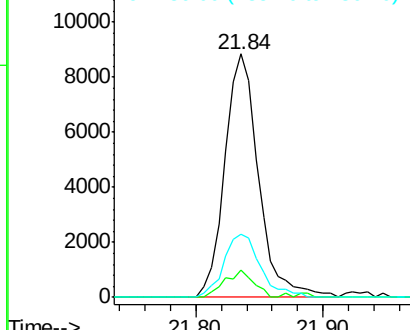
Tot Ion:	240	Resp:	16284
Ion Ratio	Lower	Upper	
240	100		
120	11.0	7.5	11.3
236	25.8	20.5	30.7

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



#78

Terphenyl-d14

Concen: 42.26 ng

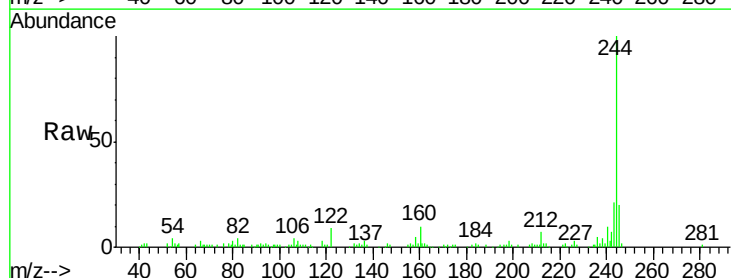
RT: 20.14 min Scan# 2946

Delta R.T. 0.01 min

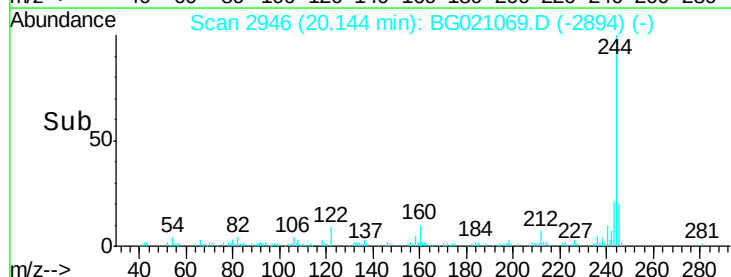
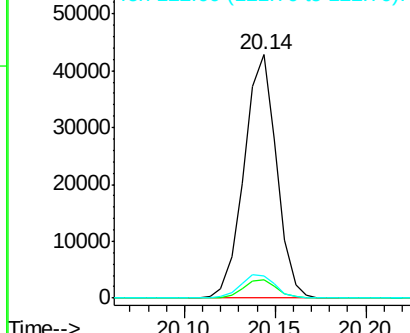
Lab File: BG021069.D

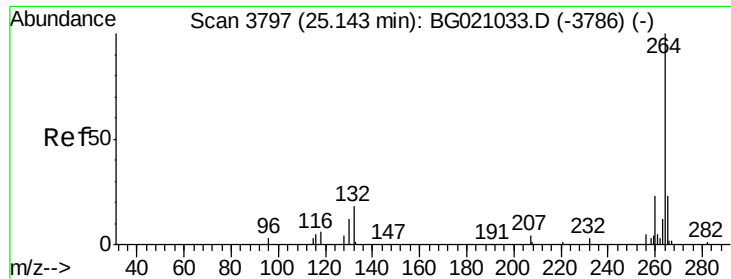
Acq: 25 Feb 2016 2:30

Tgt Ion:	244	Resp:	53030
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.6
122	9.1	8.3	12.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





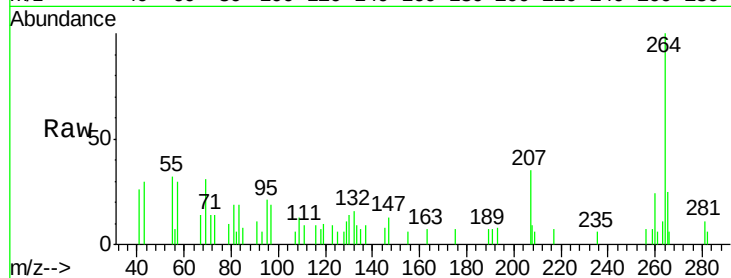
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. 0.02 min
Lab File: BG021069.D
Acq: 25 Feb 2016 2:30

Instrument :
BNA_G
ClientSampleId :
SP-5+20(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	24.9	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/25/2016 2:40:35 PM



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

