

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020978.D
 Acq On : 19 Feb 2016 18:56
 Operator : SJ/UM
 Sample : H1509-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Manual Integrations
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 2/22/2016 10:55:32 AM

Quant Time: Feb 19 22:05:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	23220	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	118034	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	76901m	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	127011	20.00	ng	0.00
75) Chrysene-d12	21.88	240	122921	20.00	ng	-0.02
86) Perylene-d12	25.25	264	119336	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	93328	67.69	ng	0.00
7) Phenol-d6	7.40	99	82489	40.93	ng	0.00
23) Nitrobenzene-d5	9.43	82	189960	105.82	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	110450	146.05	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	508877	92.95	ng	-0.01
78) Terphenyl-d14	20.19	244	444205	84.30	ng	-0.01
Target Compounds						
54) Dibenzofuran	15.27	168	17852	2.64	ng	# 77
57) Fluorene	15.91	166	16603	2.66	ng	# 95

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

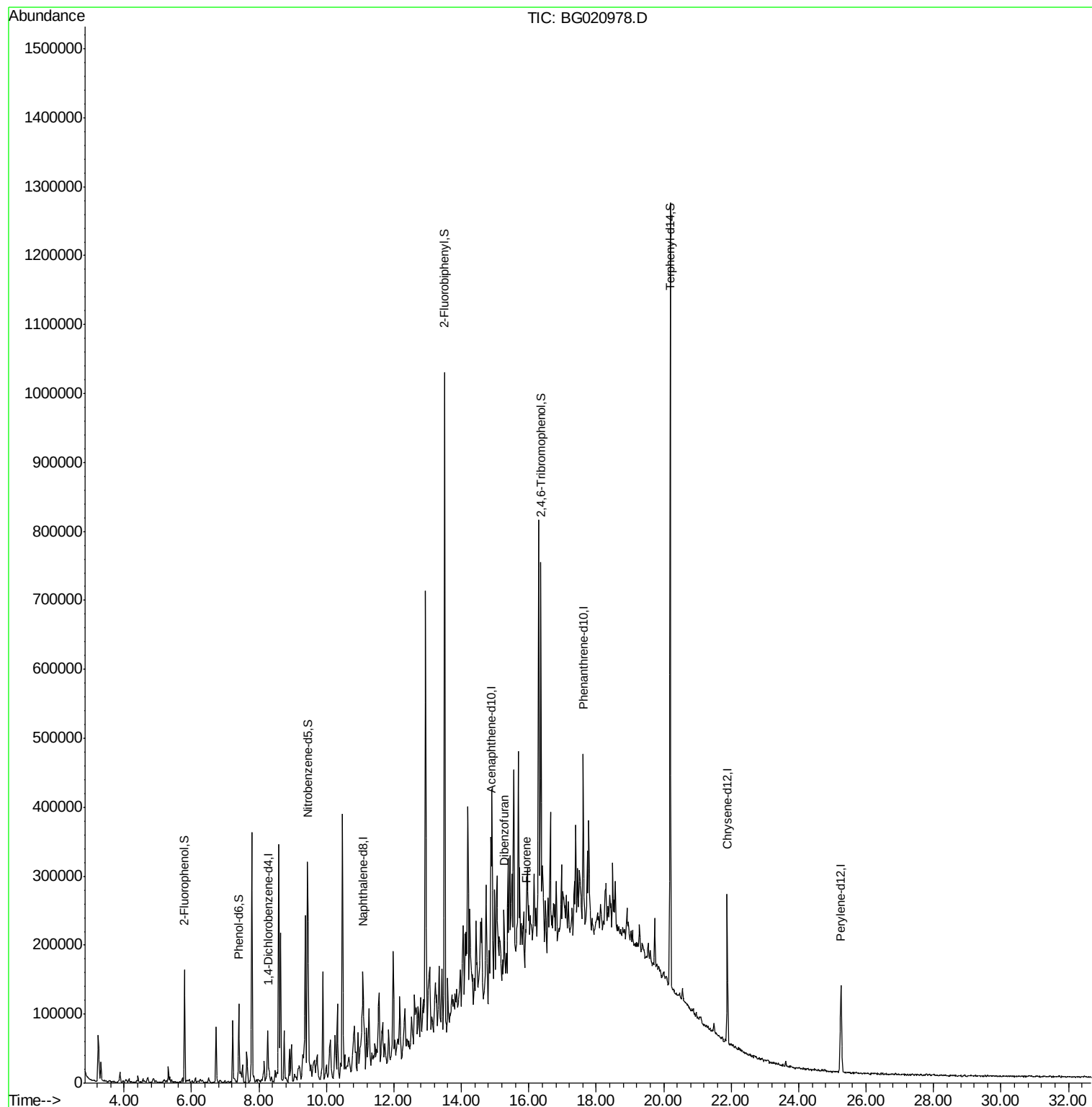
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020978.D
Acq On : 19 Feb 2016 18:56
Operator : SJ/UM
Sample : H1509-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

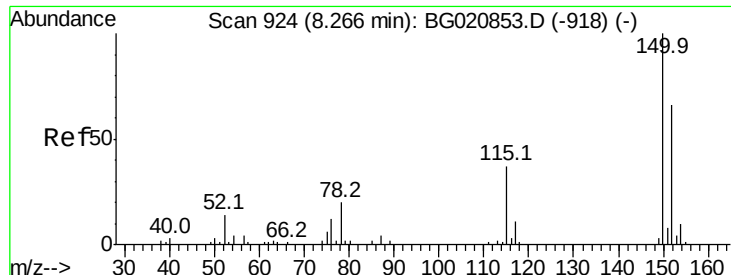
Instrument :
BNA_G
ClientSampleId :
MW-2

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Quant Time: Feb 19 22:05:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration





#1

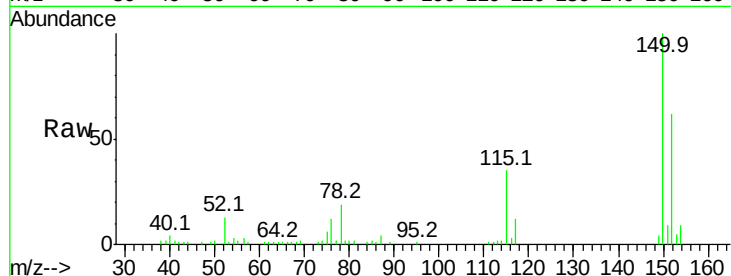
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020978.D
Acq: 19 Feb 2016 18:56

Instrument :
BNA_G
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.0	183.0
115	56.4	45.2	67.8

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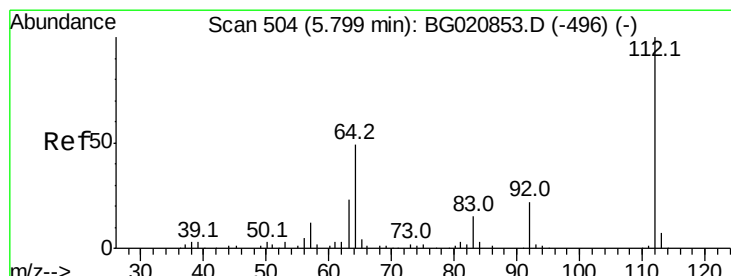
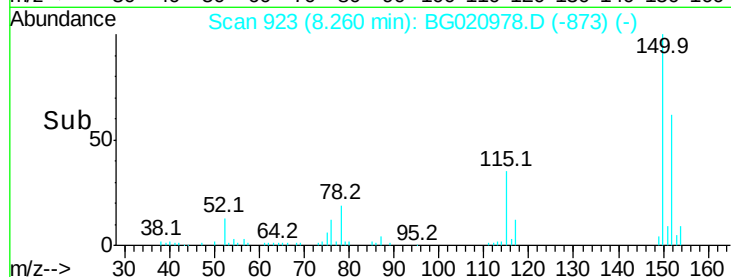
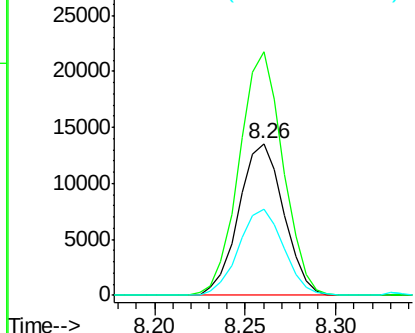


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

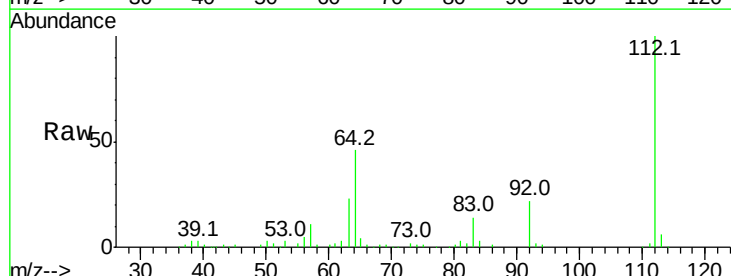
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.69 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG020978.D
Acq: 19 Feb 2016 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.7	39.3	58.9
63	22.7	18.2	27.4

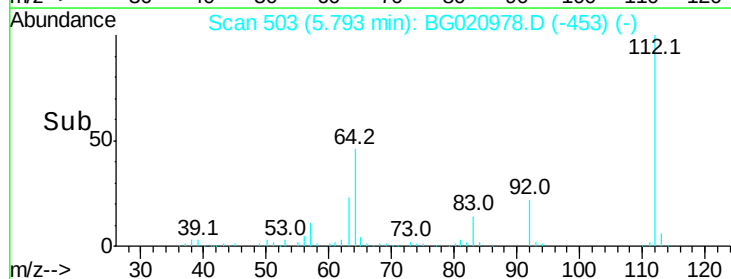
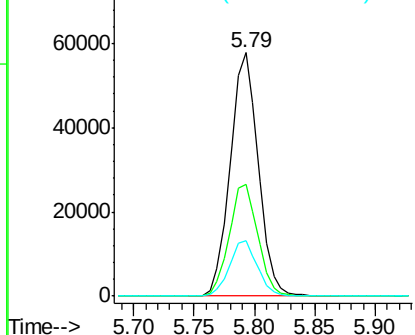


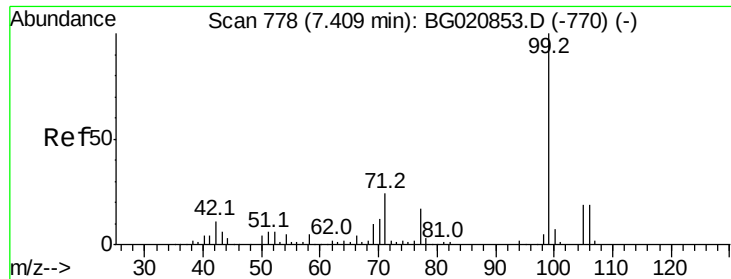
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 40.93 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020978.D

Acq: 19 Feb 2016 18:56

Instrument :

BNA_G

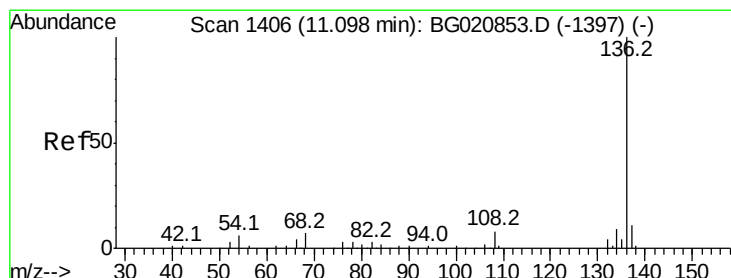
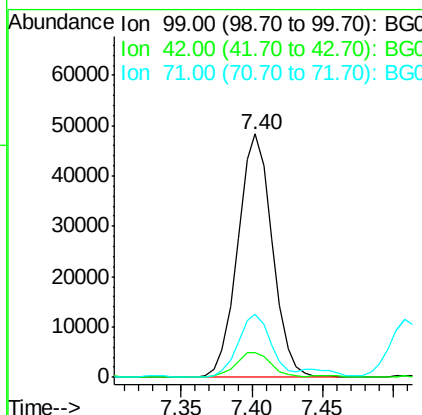
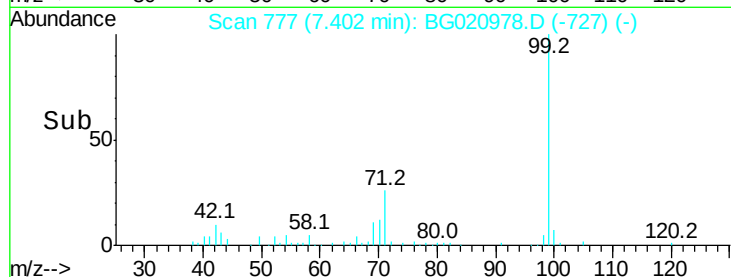
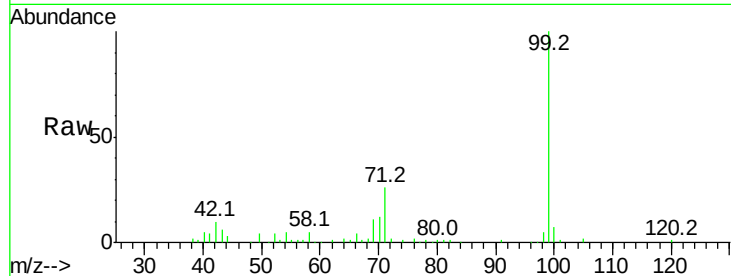
ClientSampleId :

MW-2

Tot Ion:	99	Resp:	82489
Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.4	12.6
71	25.7	19.4	29.0

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#21

Naphthalene-d8

Concen: 20.00 ng

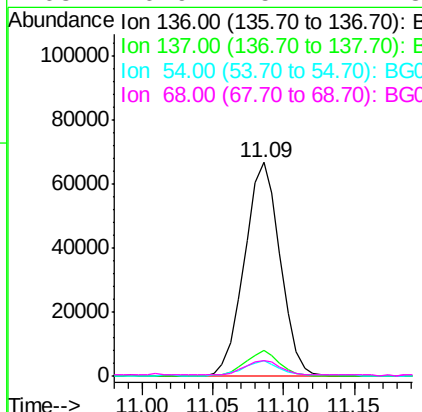
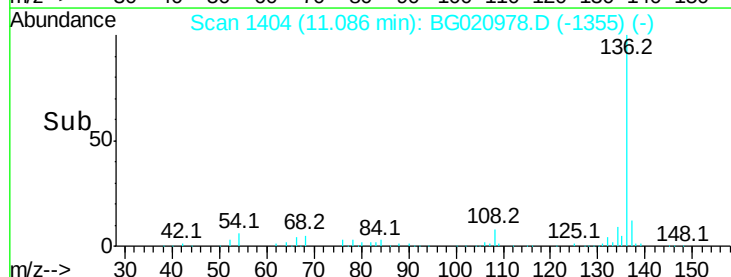
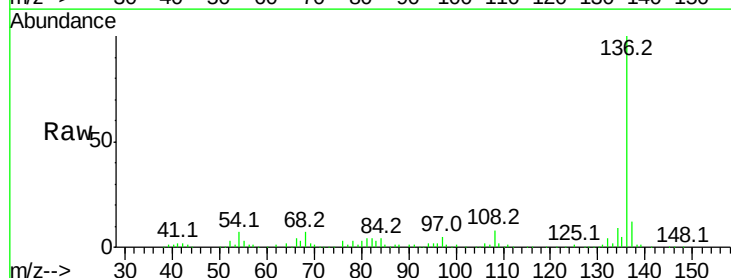
RT: 11.09 min Scan# 1404

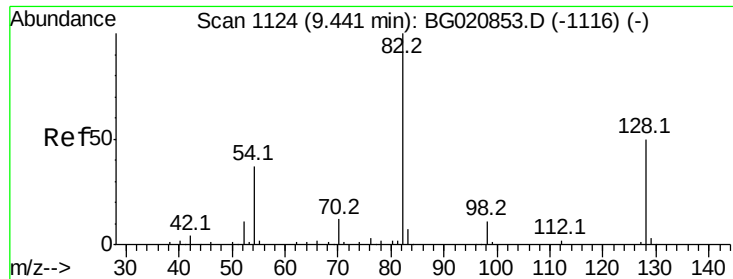
Delta R.T. -0.01 min

Lab File: BG020978.D

Acq: 19 Feb 2016 18:56

Tgt Ion:	136	Resp:	118034
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	7.1	5.0	7.4
68	6.9	5.2	7.8





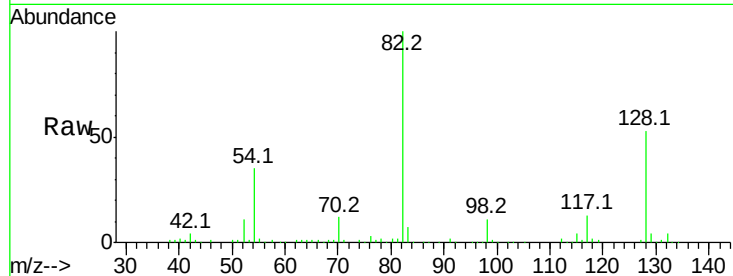
#23
 Nitrobenzene-d5
 Concen: 105.82 ng
 RT: 9.43 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG020978.D
 Acq: 19 Feb 2016 18:56

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

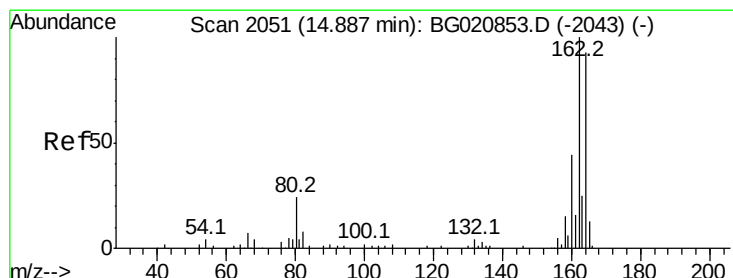
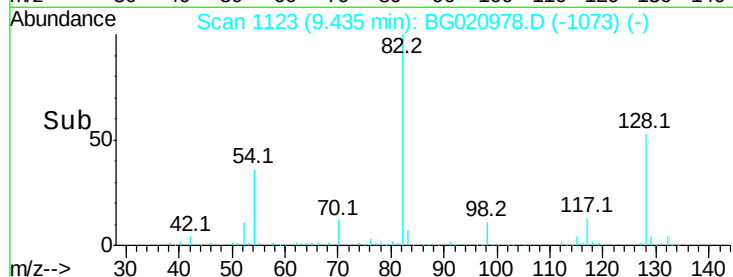
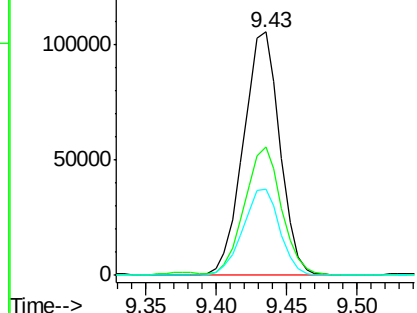
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.6	40.1	60.1	
54	35.5	29.5	44.3	

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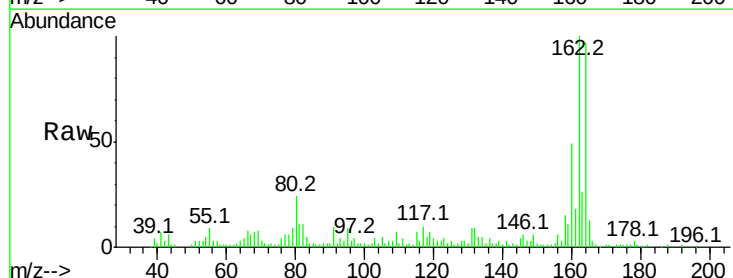


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

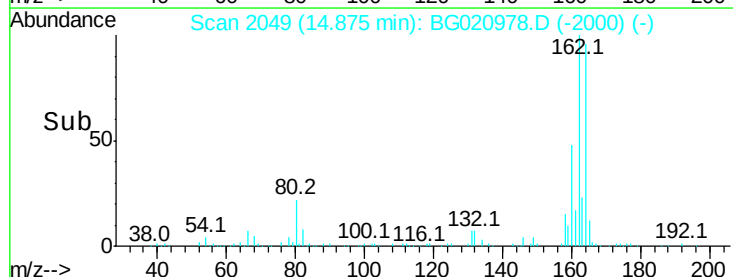
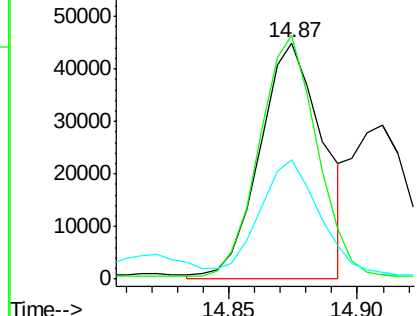


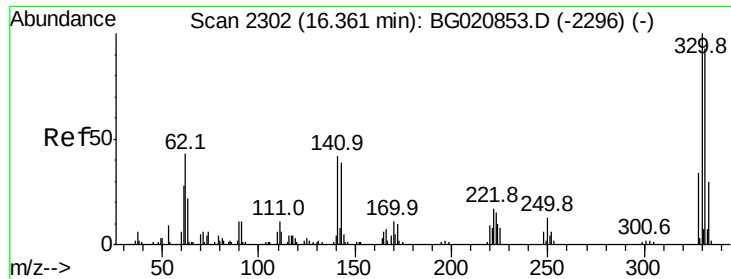
#38
 Acenaphthene-d10
 Concen: 20.00 ng m
 RT: 14.87 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020978.D
 Acq: 19 Feb 2016 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	85.7	128.5	
160	50.5	37.4	56.0	



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: 146.05 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG020978.D

Acq: 19 Feb 2016 18:56

Instrument :

BNA_G

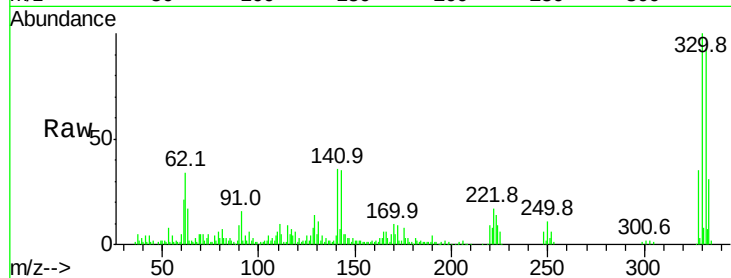
ClientSampled :

MW-2

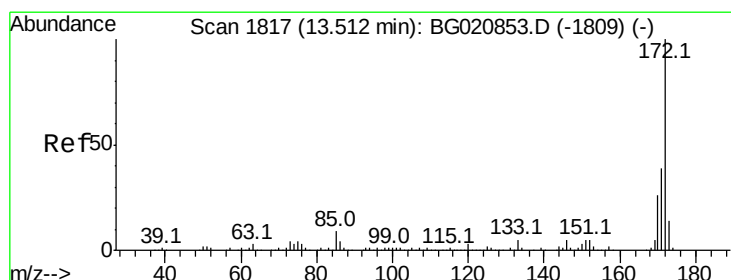
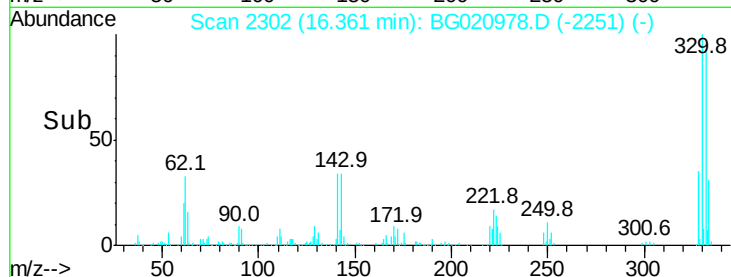
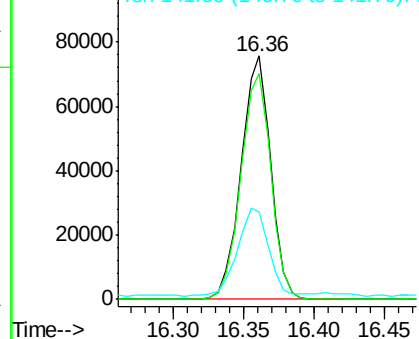
Tot Ion:	330	Resp:	110450
Ion Ratio	Lower	Upper	
330	100		
332	94.6	76.1	114.1
141	38.0	32.0	48.0

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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: 92.95 ng

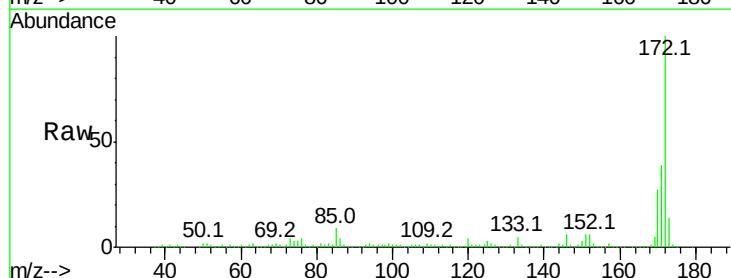
RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

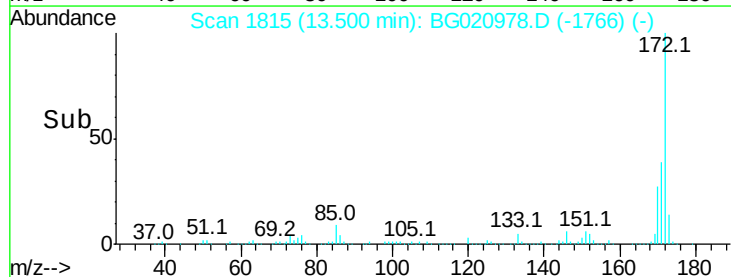
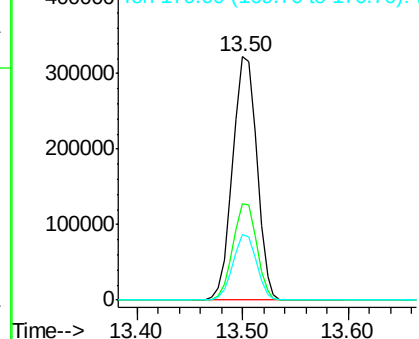
Lab File: BG020978.D

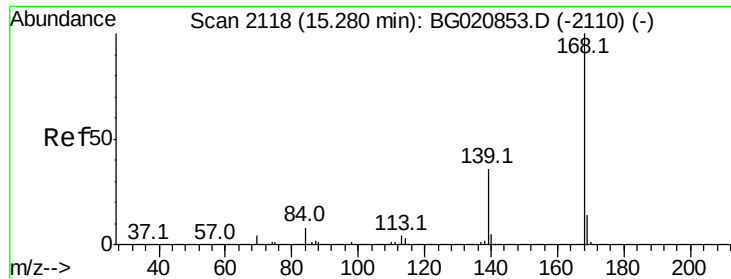
Acq: 19 Feb 2016 18:56

Tgt Ion:	172	Resp:	508877
Ion Ratio	Lower	Upper	
172	100		
171	39.5	31.2	46.8
170	26.7	20.6	30.8



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





#54

Dibenzenofuran

Concen: 2.64 ng

RT: 15.27 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG020978.D

Acq: 19 Feb 2016 18:56

Instrument :

BNA_G

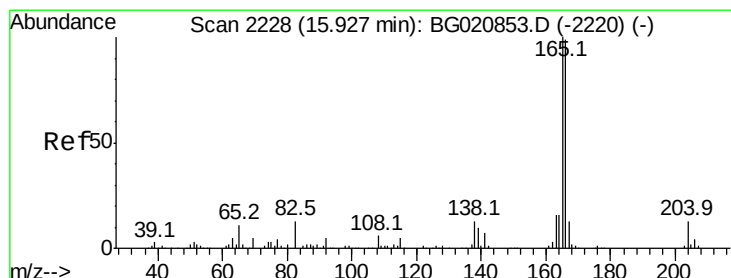
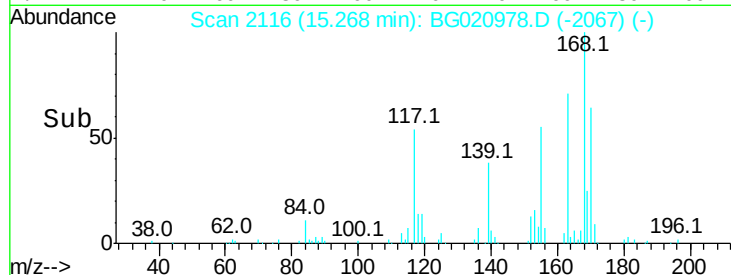
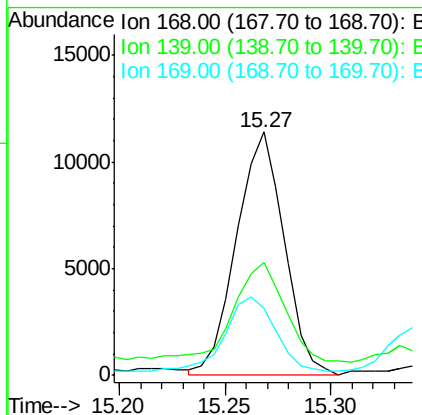
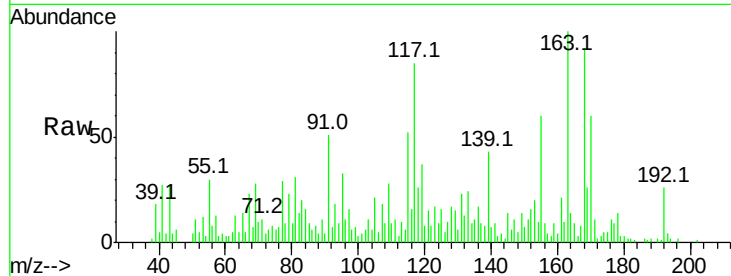
ClientSampled :

MW-2

Tot Ion:	168	Resp:	17852
Ion Ratio	Lower	Upper	
168	100		
139	46.2	28.5	42.7#
169	27.7	11.0	16.4#

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#57

Fluorene

Concen: 2.66 ng

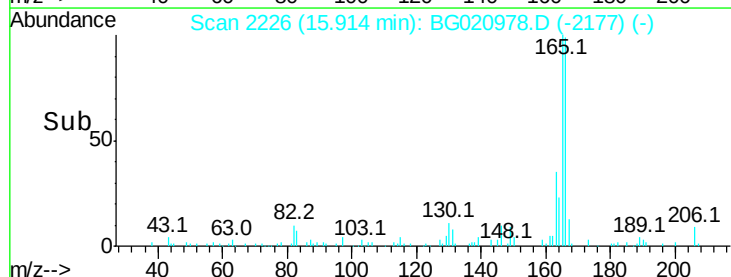
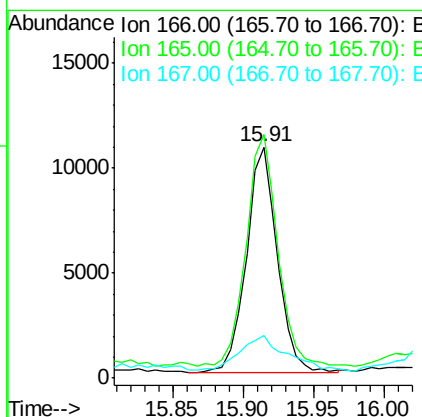
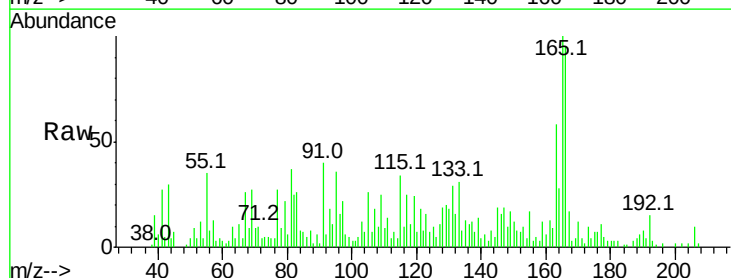
RT: 15.91 min Scan# 2226

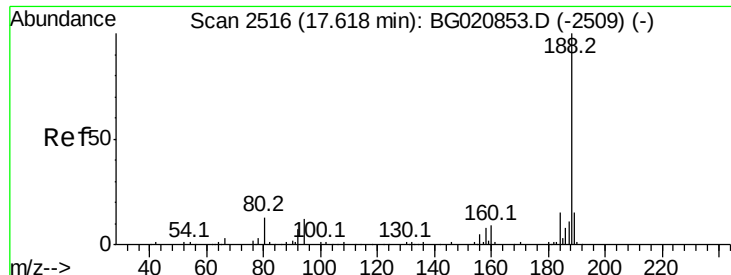
Delta R.T. -0.01 min

Lab File: BG020978.D

Acq: 19 Feb 2016 18:56

Tgt Ion:	166	Resp:	16603
Ion Ratio	Lower	Upper	
166	100		
165	105.2	81.0	121.4
167	18.3	10.8	16.2#





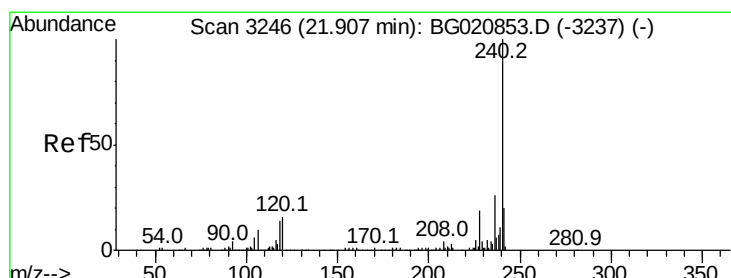
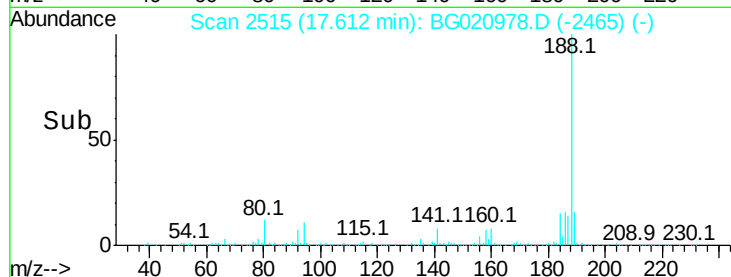
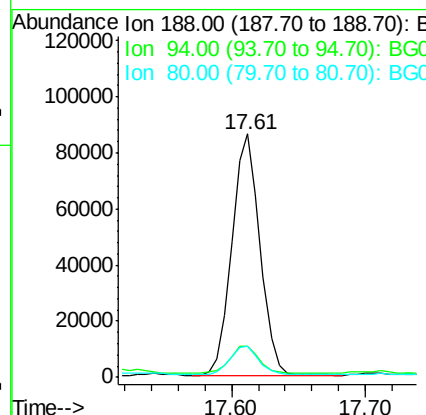
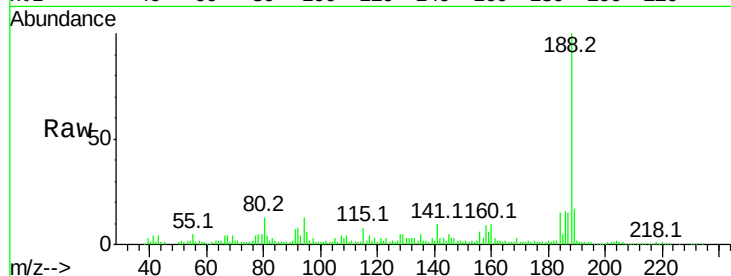
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG020978.D
Acq: 19 Feb 2016 18:56

Instrument :
BNA_G
ClientSampleId :
MW-2

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.8	9.4	14.0
80	12.7	10.2	15.4

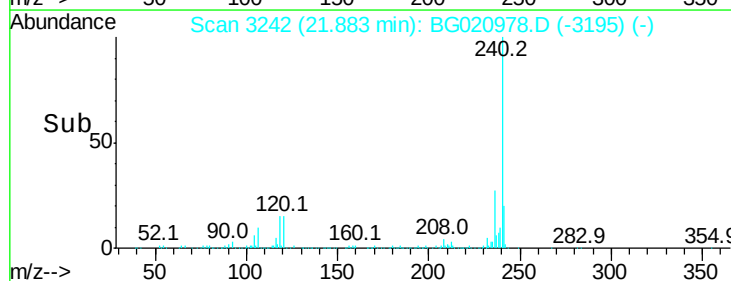
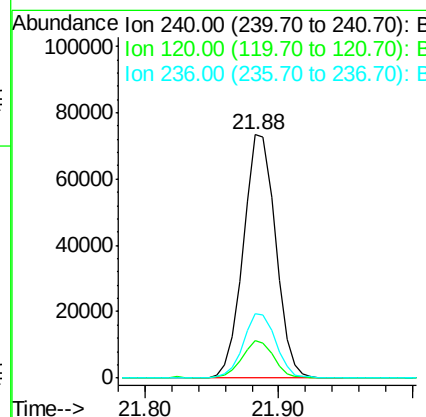
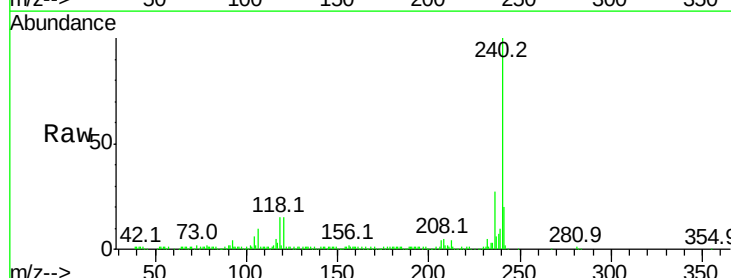
Manual Integrations
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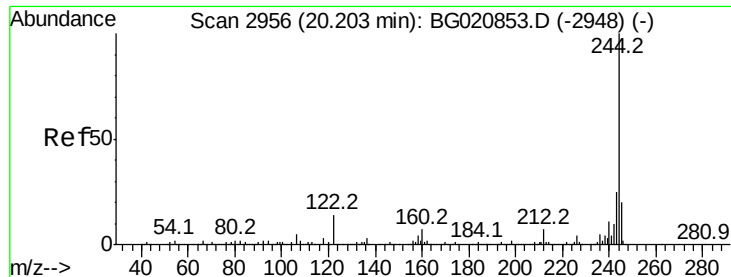
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020978.D
Acq: 19 Feb 2016 18:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.3	13.0	19.4
236	26.5	21.0	31.4





#78

Terphenyl-d14

Concen: 84.30 ng

RT: 20.19 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG020978.D

Acq: 19 Feb 2016 18:56

Instrument :

BNA_G

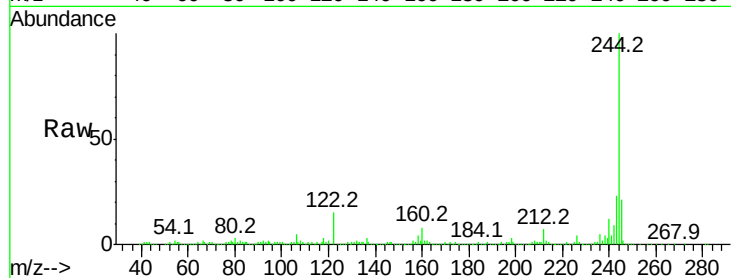
ClientSampled :

MW-2

Tot Ion:	244	Resp:	444205
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.5	8.3
122	14.8	11.4	17.2

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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

20.19

400000

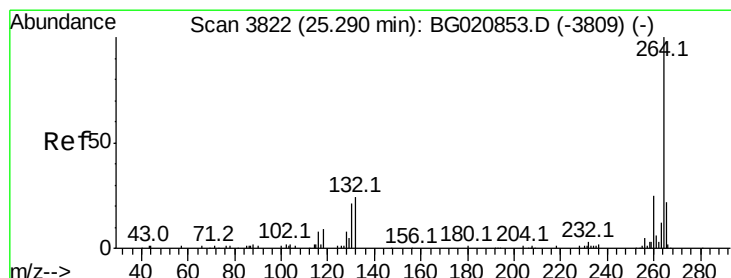
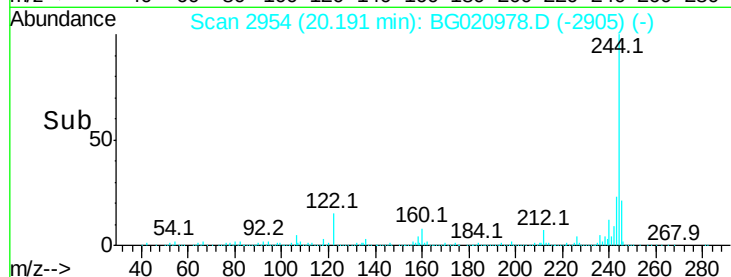
300000

200000

100000

0

Time--> 20.10 20.20 20.30



#86

Perylene-d12

Concen: 20.00 ng

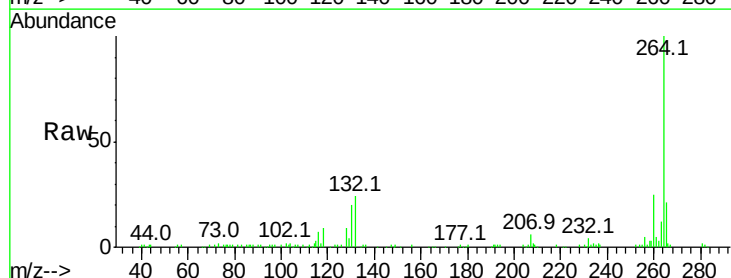
RT: 25.25 min Scan# 3816

Delta R.T. -0.04 min

Lab File: BG020978.D

Acq: 19 Feb 2016 18:56

Tgt Ion:	264	Resp:	119336
Ion Ratio		Lower	Upper
264	100		
260	24.7	19.9	29.9
265	20.9	18.0	27.0



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

25.25

50000

40000

30000

20000

10000

0

Time--> 25.10 25.20 25.30 25.40

