

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033144.D
 Acq On : 14 Mar 2018 12:39
 Operator : SJ/JU
 Sample : J1867-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS133071

Manual Integrations
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 3/15/2018 6:59:59 PM

Quant Time: Mar 14 14:09:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	47433	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	206881	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	120949	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	294003	20.00	ng	0.00
75) Chrysene-d12	22.60	240	278736	20.00	ng	0.00
86) Perylene-d12	26.41	264	288249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	186553	62.92	ng	0.01
7) Phenol-d6	8.01	99	147622	35.72	ng	0.00
23) Nitrobenzene-d5	10.11	82	381109	122.84	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	281748	221.55	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	843860	100.63	ng	0.00
78) Terphenyl-d14	20.77	244	1324298	106.74	ng	0.00
Target Compounds						
32) Benzoic acid	10.98	122	19406m	16.796	ng	Qvalue 94
35) Caprolactam	12.66	113	6562	5.724	ng	

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

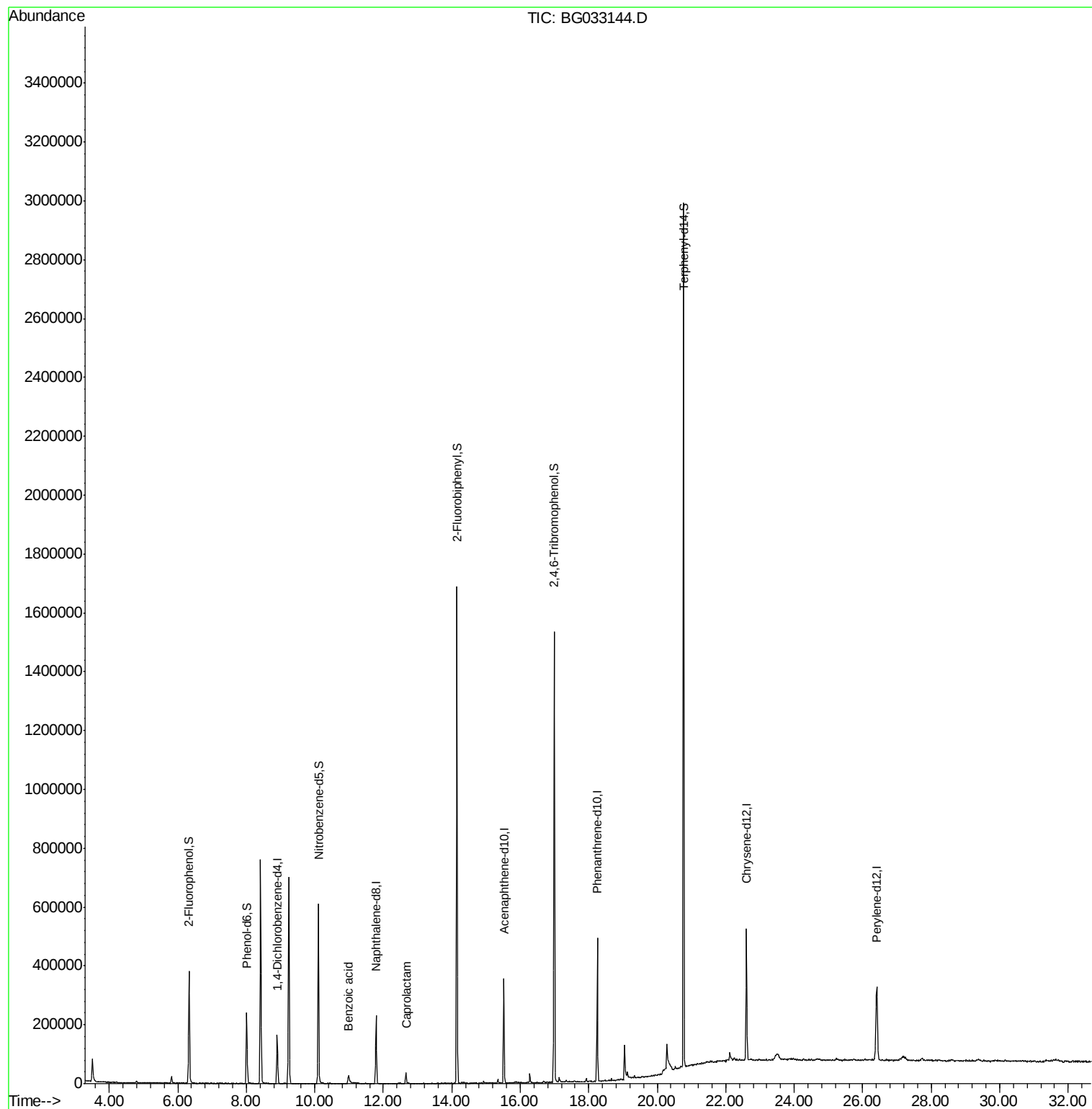
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
Data File : BG033144.D
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Operator : SJ/JU
Sample : J1867-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

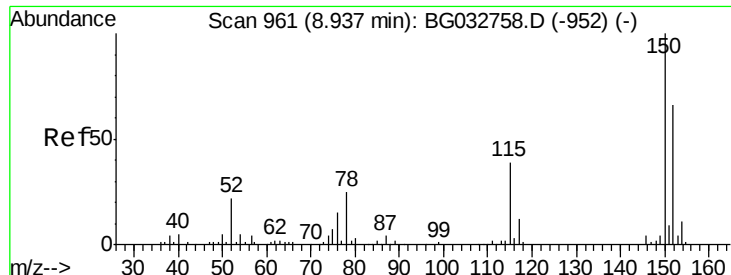
Instrument :
BNA_G
ClientSampleId :
CPS133071

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Quant Time: Mar 14 14:09:12 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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#1

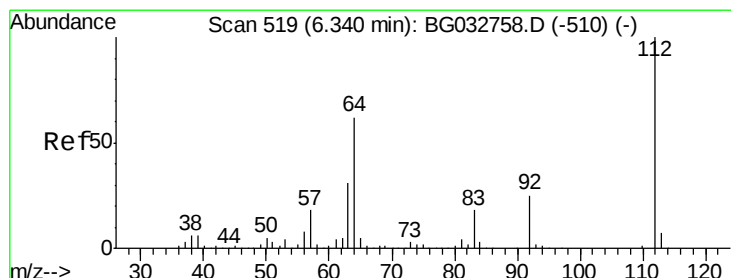
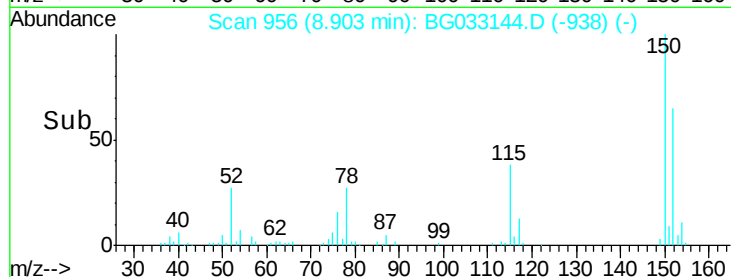
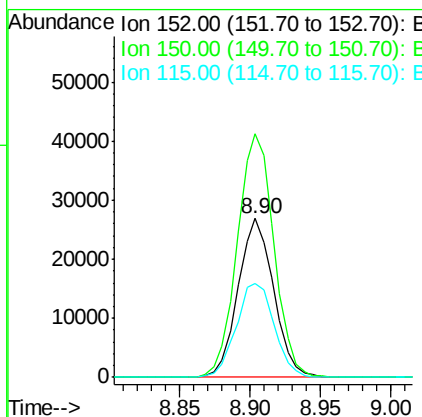
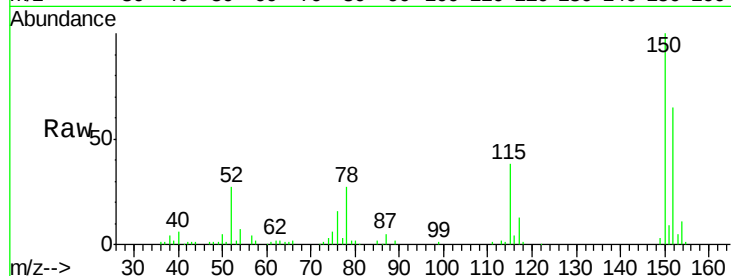
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 956
Delta R.T. 0.01 min
Lab File: BG033144.D
Acq: 14 Mar 2018 12:39

Instrument :
BNA_G
ClientSampled :
CPS133071

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.6	189.8
115	59.0	53.0	79.4

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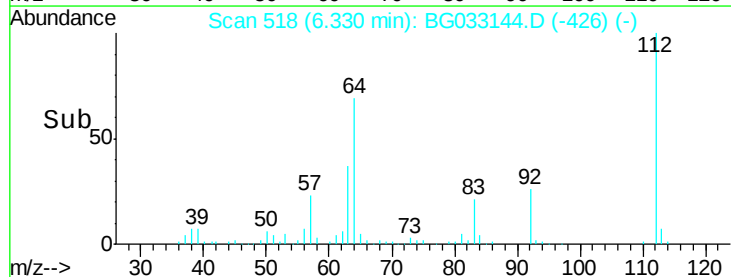
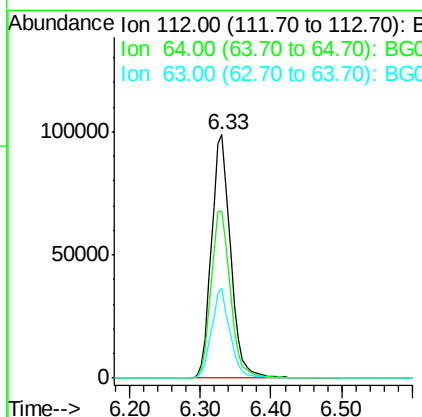
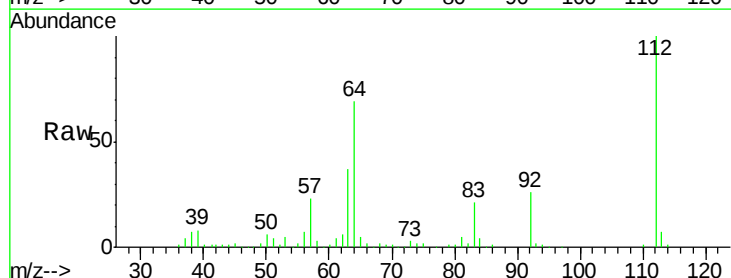
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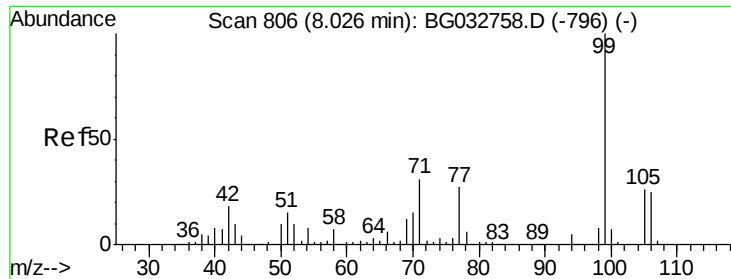


#5

2-Fluorophenol
Concen: 62.922 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033144.D
Acq: 14 Mar 2018 12:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	56.3	84.5
63	37.1	30.1	45.1





#7

Phenol-d6

Concen: 35.722 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033144.D

Acq: 14 Mar 2018 12:39

Instrument :

BNA_G

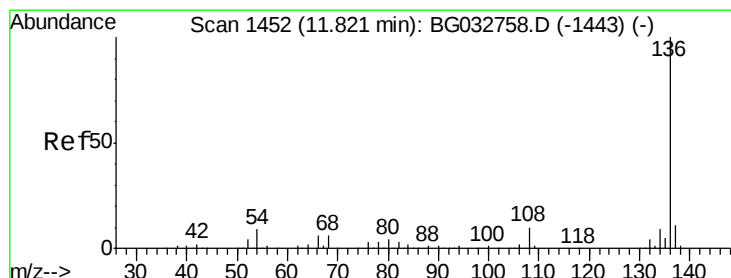
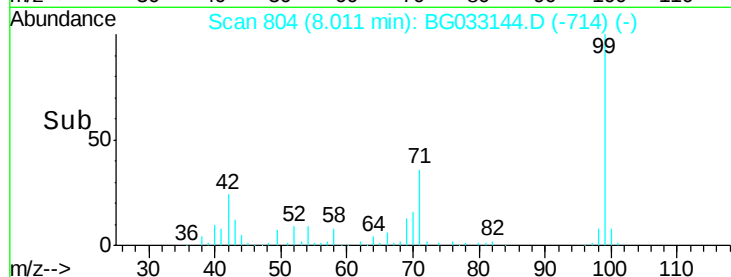
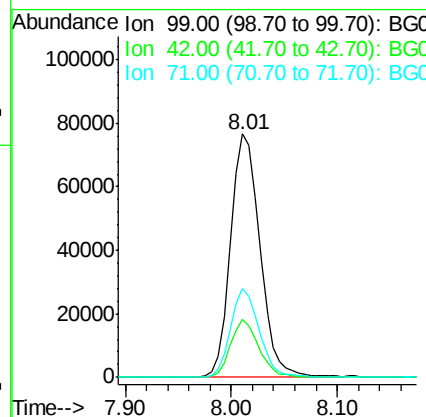
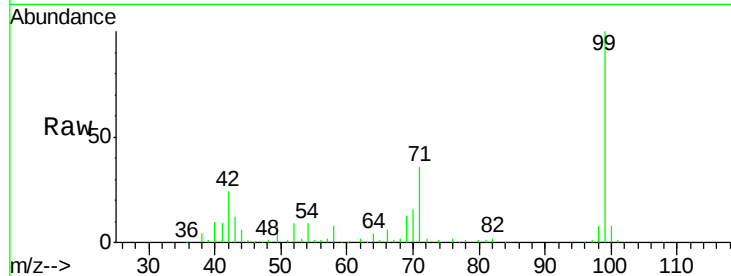
ClientSampleId :

CPS133071

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		147622		
42	23.6	14.1	21.1#		
71	36.5	26.1	39.1		

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#21

Naphthalene-d8

Concen: 20.000 ng

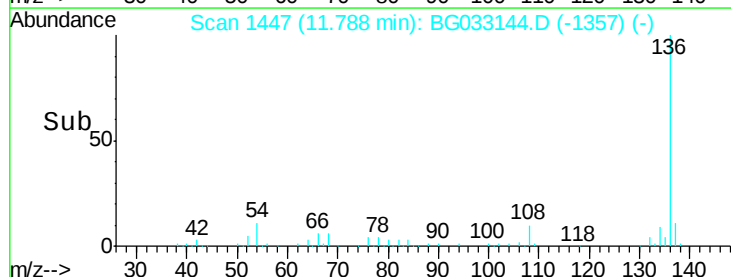
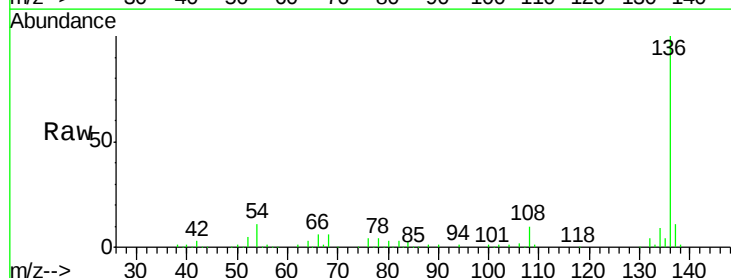
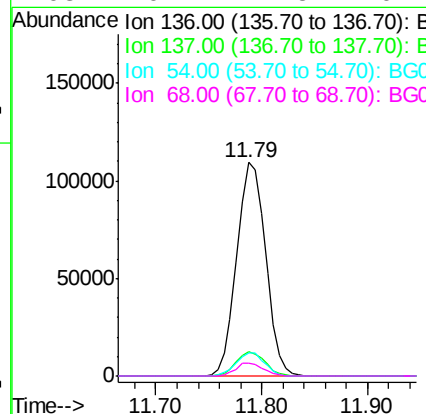
RT: 11.79 min Scan# 1447

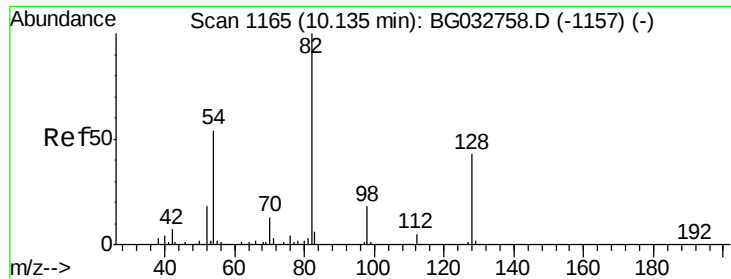
Delta R.T. 0.00 min

Lab File: BG033144.D

Acq: 14 Mar 2018 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		206881		
137	11.4	9.2	13.8		
54	10.9	10.3	15.5		
68	6.2	4.5	6.7		





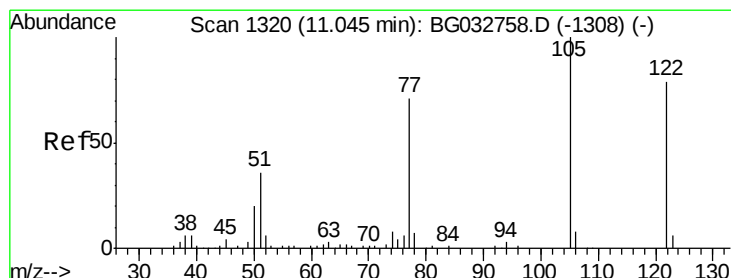
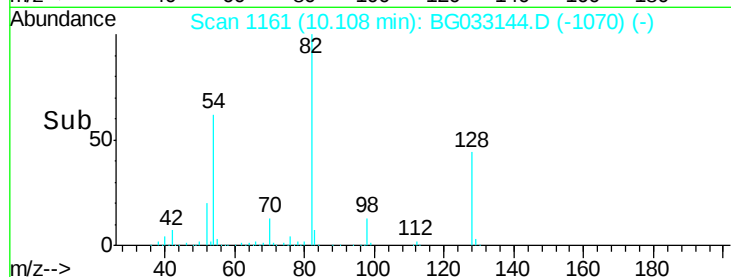
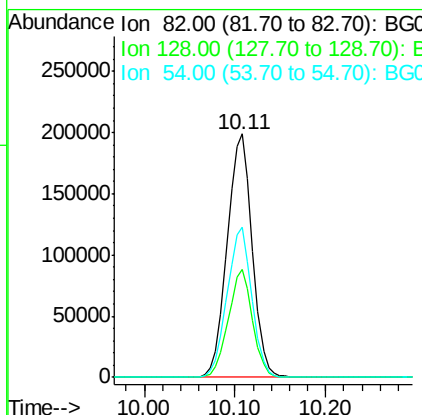
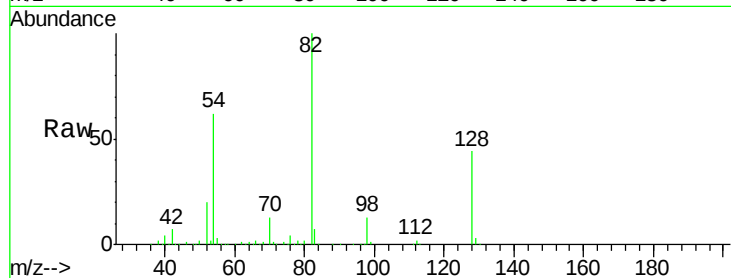
#23
Nitrobenzene-d5
Concen: 122.842 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BG033144.D
Acq: 14 Mar 2018 12:39

Instrument :
BNA_G
ClientSampled :
CPS133071

Tot Ion	82	Resp	381109
Ion Ratio	100	Lower	Upper
128	44.4	29.7	44.5
54	61.7	43.1	64.7

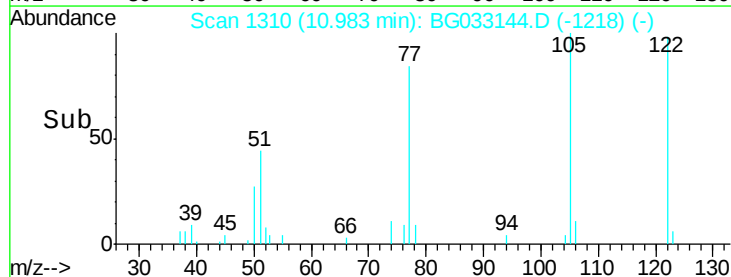
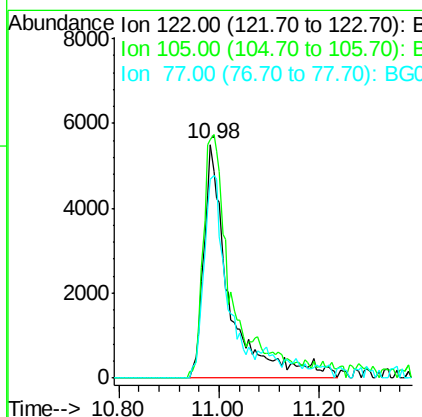
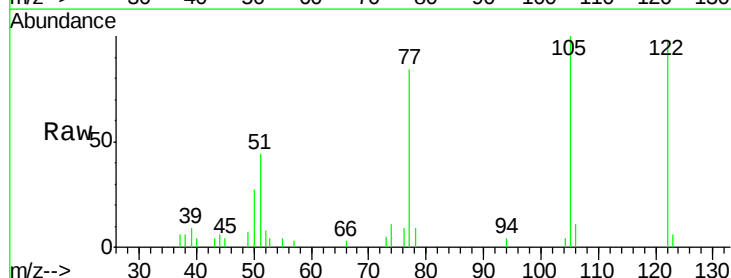
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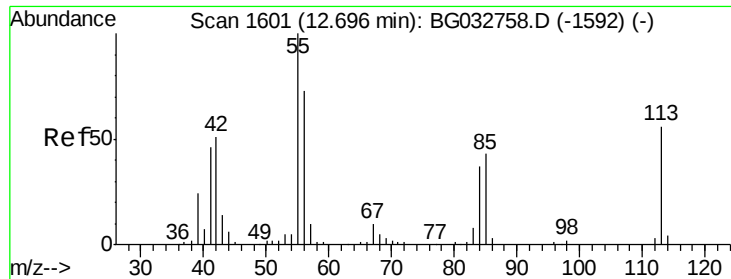
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#32
Benzoic acid
Concen: 16.796 ng m
RT: 10.98 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BG033144.D
Acq: 14 Mar 2018 12:39

Tgt Ion	122	Resp	19406
Ion Ratio	100	Lower	Upper
105	101.9	123.5	163.5#
77	85.4	85.7	125.7#





#35

Caprolactam

Concen: 5.724 ng

RT: 12.66 min Scan# 1596

Delta R.T. -0.03 min

Lab File: BG033144.D

Acq: 14 Mar 2018 12:39

Instrument :

BNA_G

ClientSampleId :

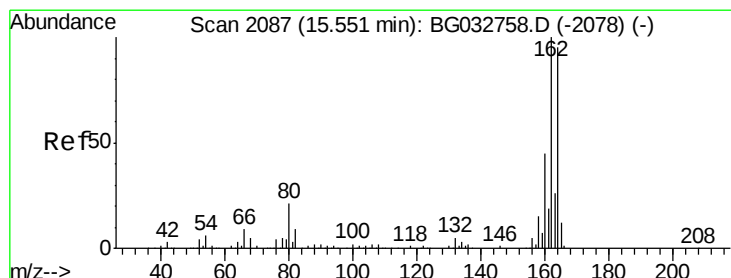
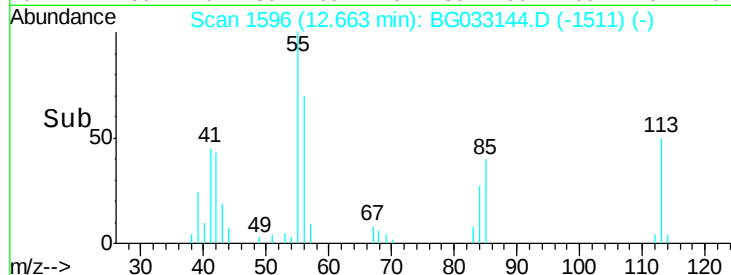
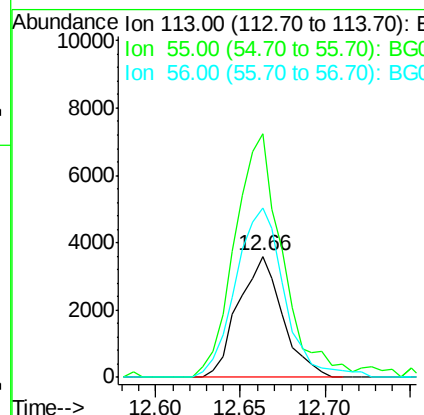
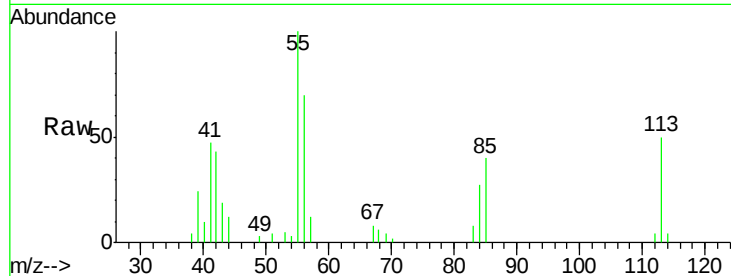
CPS133071

Tot Ion:113 Resp: 6562

Ion	Ratio	Lower	Upper
113	100		
55	201.6	186.9	226.9
56	140.2	130.9	170.9

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#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2082

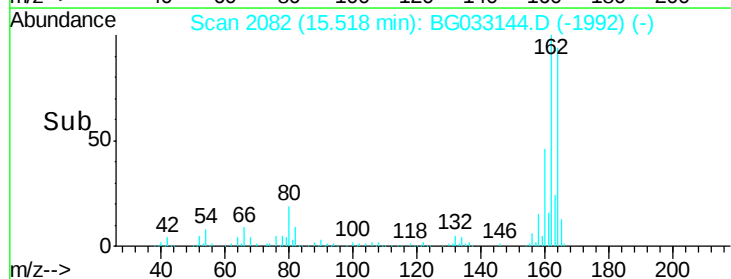
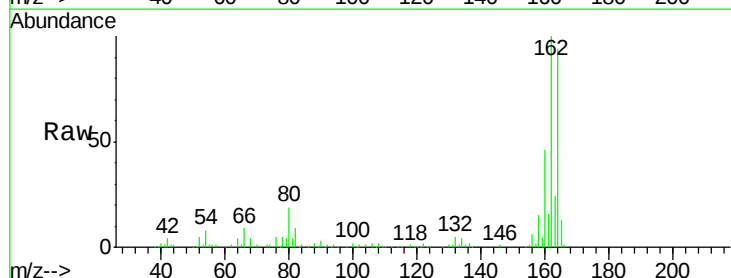
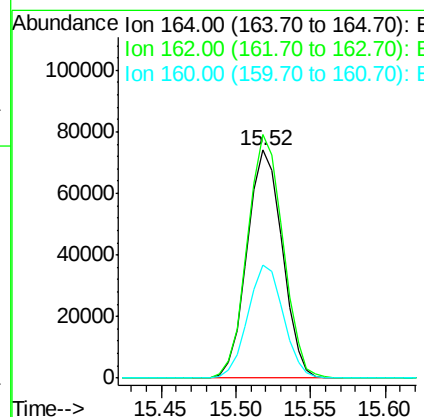
Delta R.T. 0.00 min

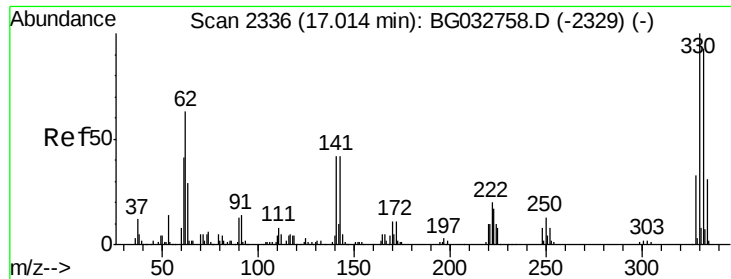
Lab File: BG033144.D

Acq: 14 Mar 2018 12:39

Tgt Ion:164 Resp: 120949

Ion	Ratio	Lower	Upper
164	100		
162	106.9	78.8	118.2
160	49.5	35.4	53.0





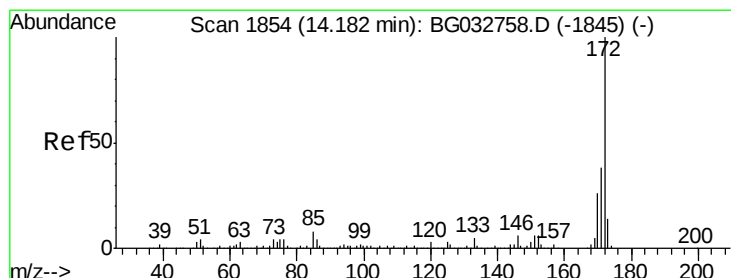
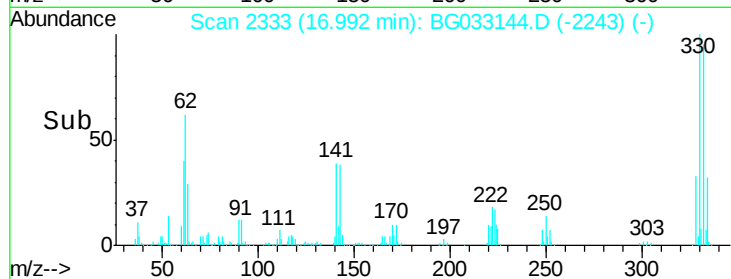
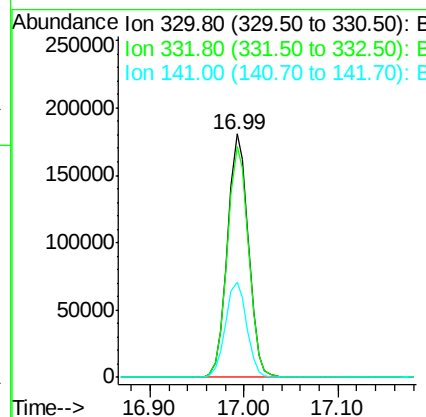
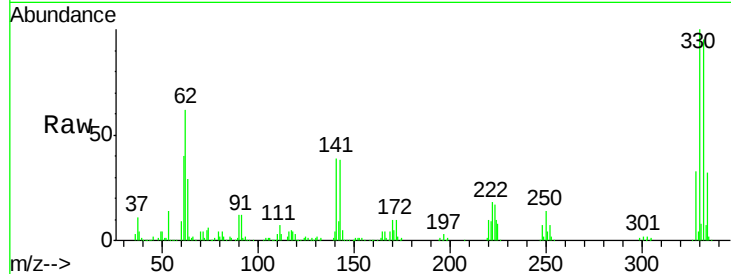
#41
 2,4,6-Tribromophenol
 Concen: 221.546 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033144.D
 Acq: 14 Mar 2018 12:39

Instrument :
 BNA_G
 ClientSampled :
 CPS133071

Tot Ion	Ratio	Resp	Lower	Upper
330	100	281748		
332	96.5	77.0	115.6	
141	39.6	25.2	37.8	

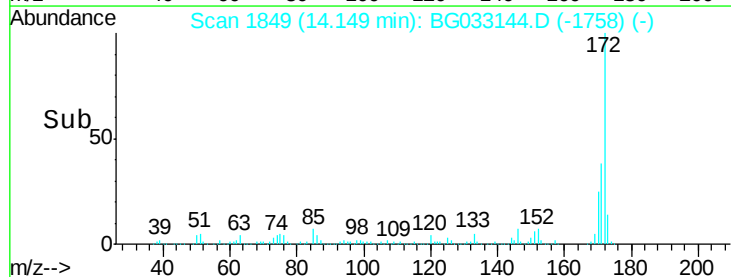
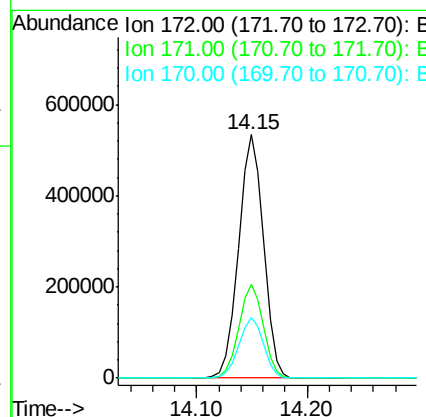
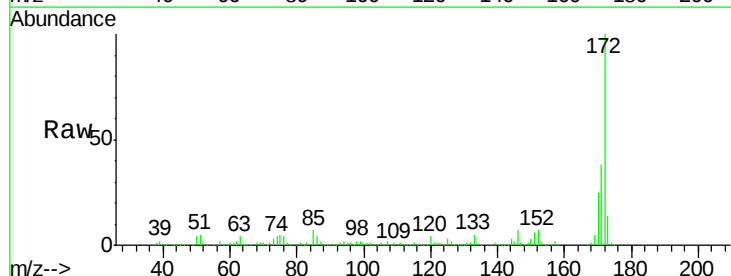
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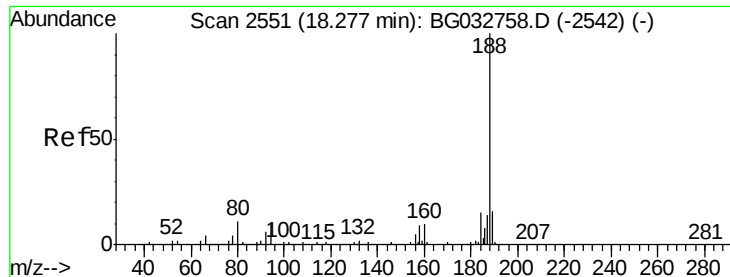
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#44
 2-Fluorobiphenyl
 Concen: 100.626 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BG033144.D
 Acq: 14 Mar 2018 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	843860		
171	38.4	30.0	45.0	
170	25.0	19.5	29.3	





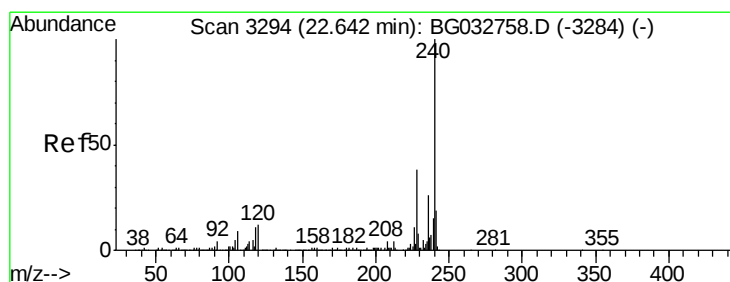
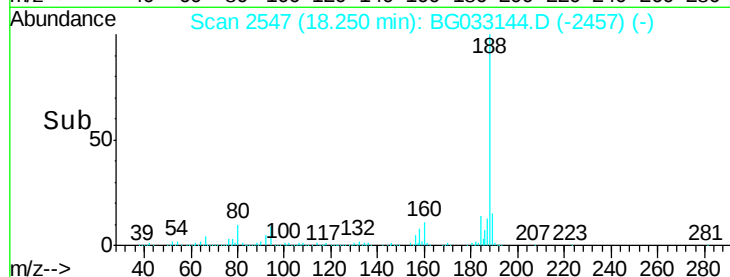
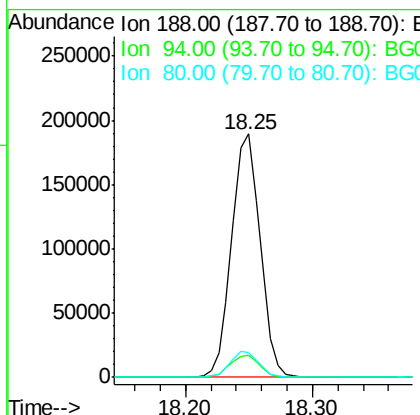
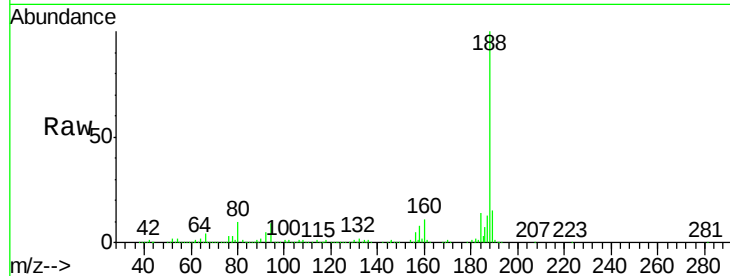
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Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. 0.00 min
Lab File: BG033144.D
Acq: 14 Mar 2018 12:39

Instrument :
BNA_G
ClientSampleId :
CPS133071

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.1	6.9	10.3
80	10.1	7.7	11.5

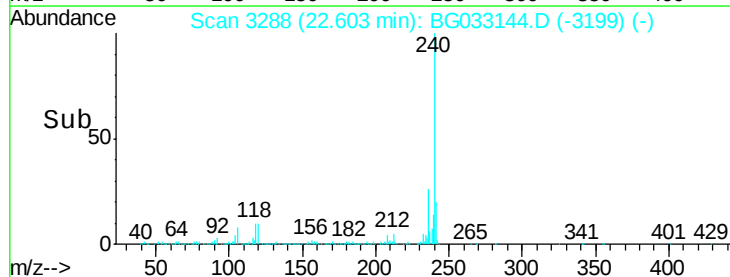
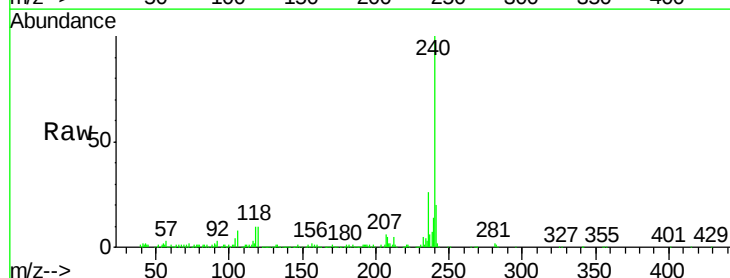
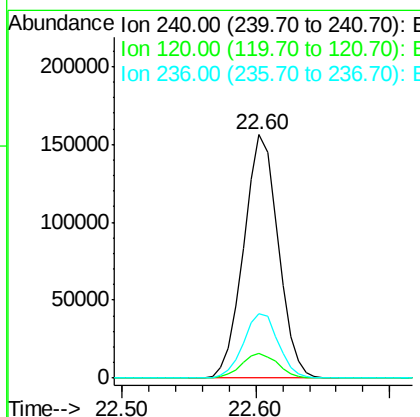
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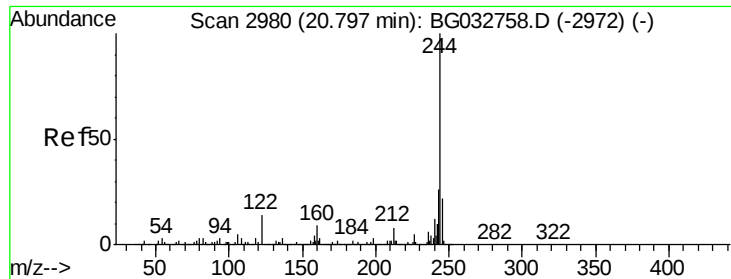
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033144.D
Acq: 14 Mar 2018 12:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.4	6.8	10.2#
236	26.4	20.9	31.3





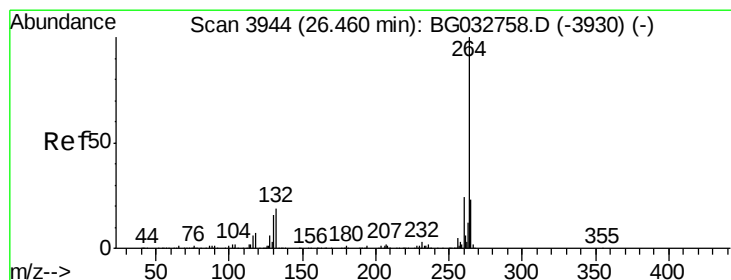
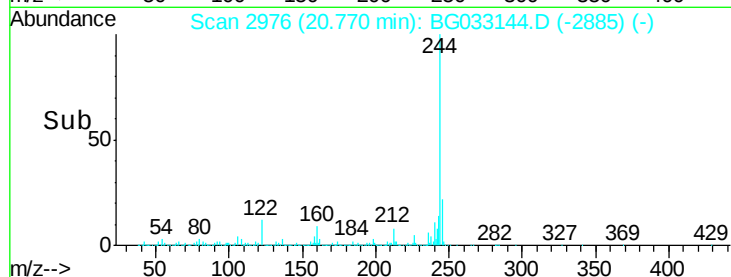
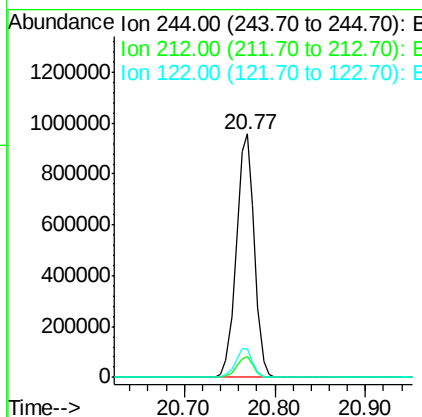
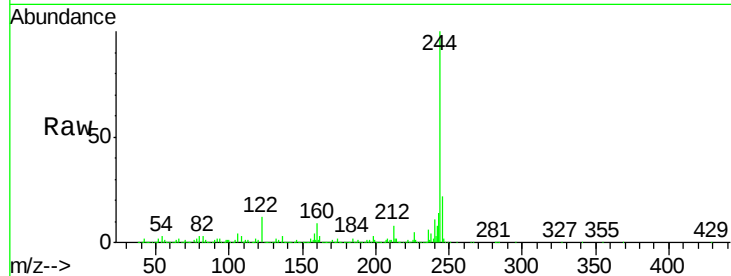
#78
 Terphenyl-d14
 Concen: 106.744 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. 0.01 min
 Lab File: BG033144.D
 Acq: 14 Mar 2018 12:39

Instrument :
 BNA_G
 ClientSampleId :
 CPS133071

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	11.5	7.0	10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: BG033144.D
 Acq: 14 Mar 2018 12:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.8	17.7	26.5

