

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033524.D
 Acq On : 3 Apr 2018 14:05
 Operator : SJ/JU
 Sample : J1757-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-033018-C

Manual Integrations
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Sohil
 4/4/2018 4:10:46 PM

Quant Time: Apr 03 15:14:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	34989	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	154766	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	118355	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	323757	20.00	ng	0.00
75) Chrysene-d12	22.55	240	344497	20.00	ng	0.00
86) Perylene-d12	26.32	264	359463m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	318574	170.73	ng	0.00
7) Phenol-d6	7.98	99	429186	133.87	ng	0.00
23) Nitrobenzene-d5	10.06	82	340864	101.19	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	236997	133.89	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	831941	101.48	ng	0.00
78) Terphenyl-d14	20.73	244	1623232	100.77	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	23083	2.878	ng	Qvalue # 87
76) Benzidine	20.37	184	102317m	10.952	ng	

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

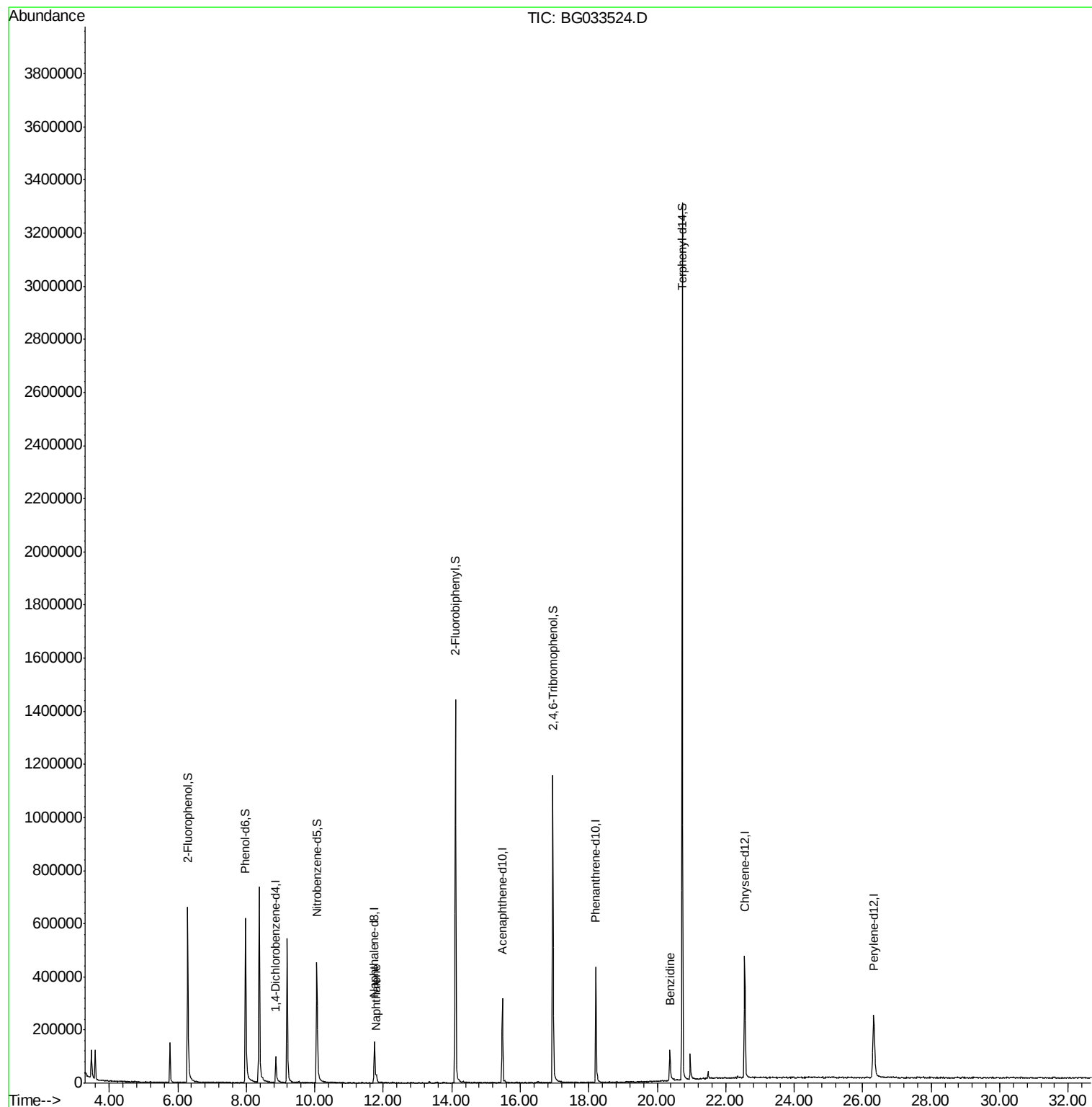
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033524.D
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ALS Vial : 10 Sample Multiplier: 1

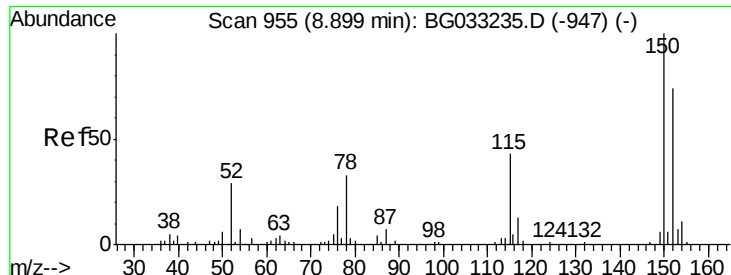
Instrument :
BNA_G
ClientSampleId :
EO-03-033018-C

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Quant Time: Apr 03 15:14:52 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

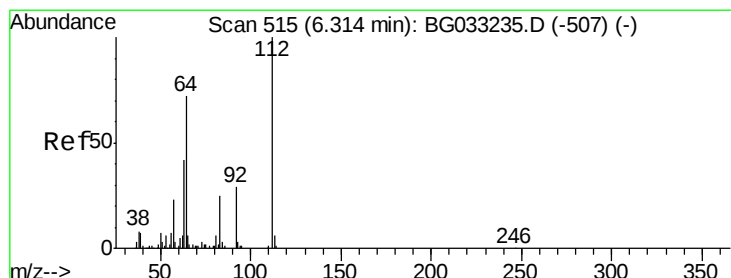
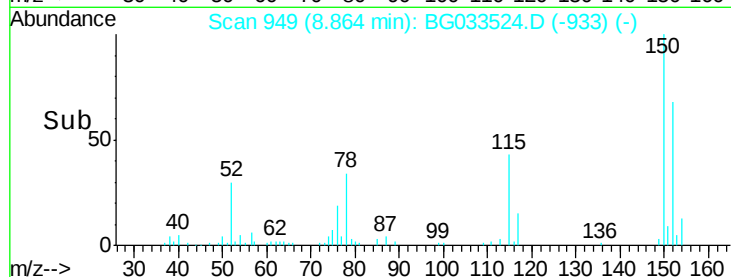
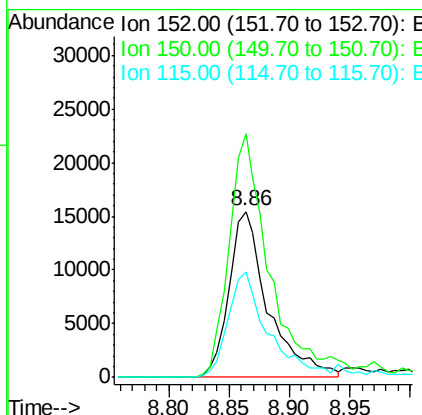
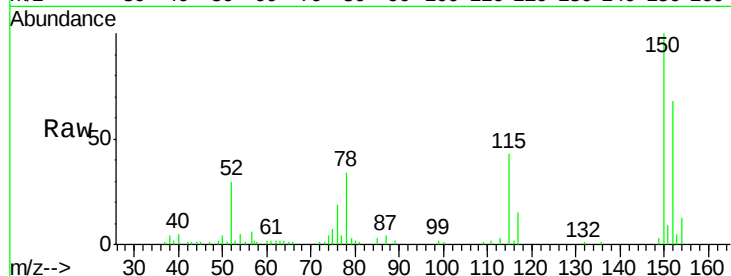
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

Instrument :
BNA_G
ClientSampleId :
EO-03-033018-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	126.6	189.8
115	63.3	53.0	79.4

Manual Integrations
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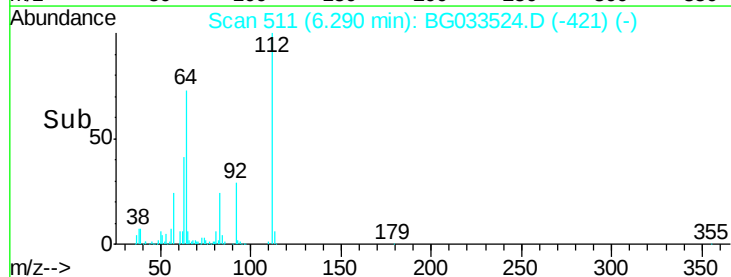
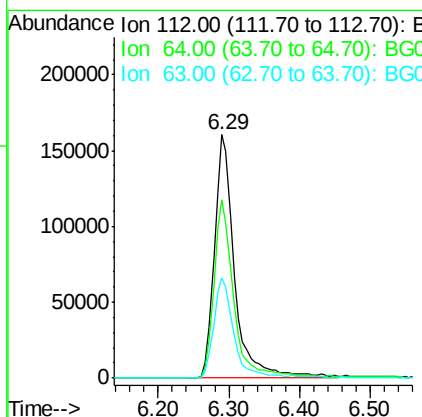
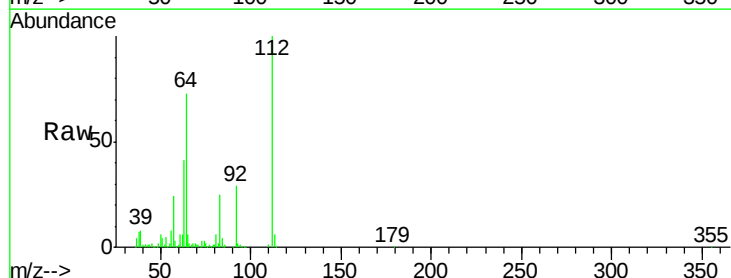
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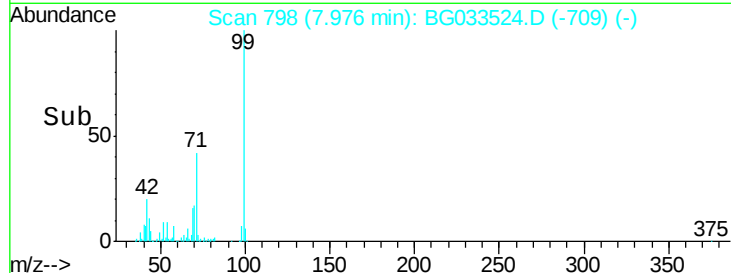
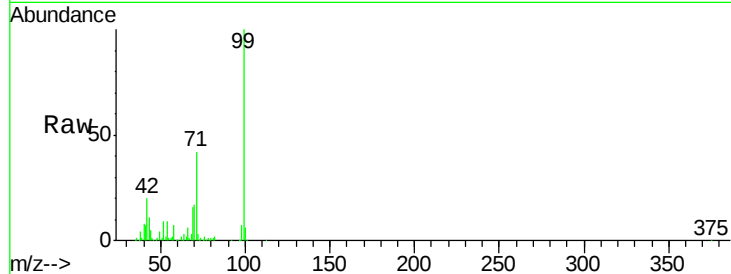
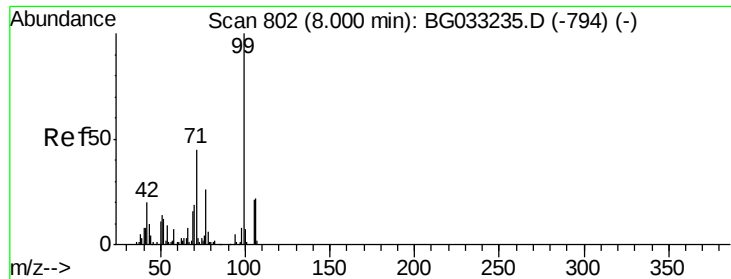


#5

2-Fluorophenol
Concen: 170.729 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.5	56.3	84.5
63	41.3	30.1	45.1





#7

Phenol-d6

Concen: 133.865 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033524.D

Acq: 3 Apr 2018 14:05

Tot Ion:	99	Resp:	429186
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.1	21.1
71	41.9	26.1	39.1#

Instrument :

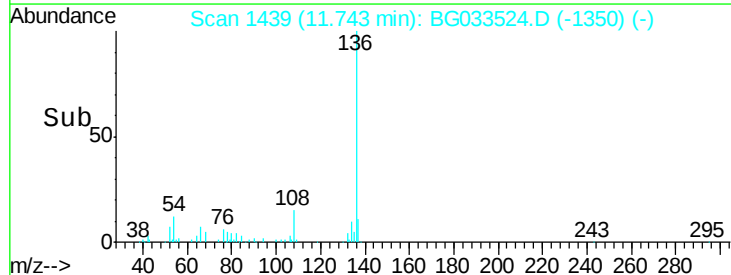
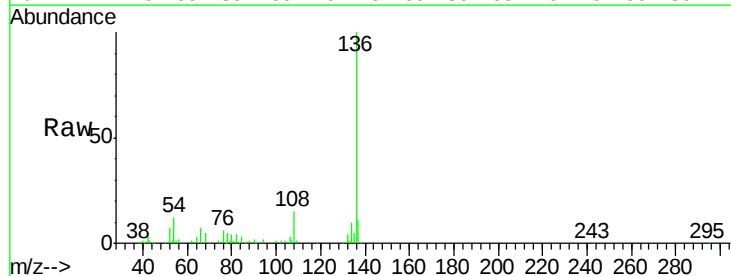
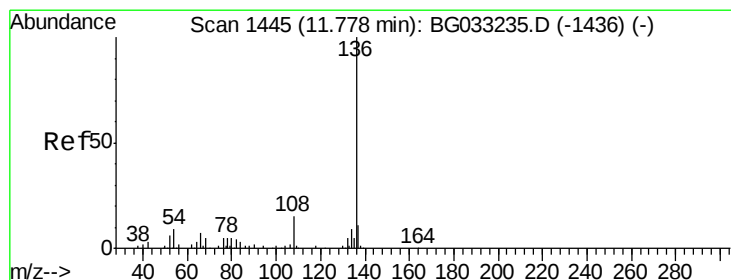
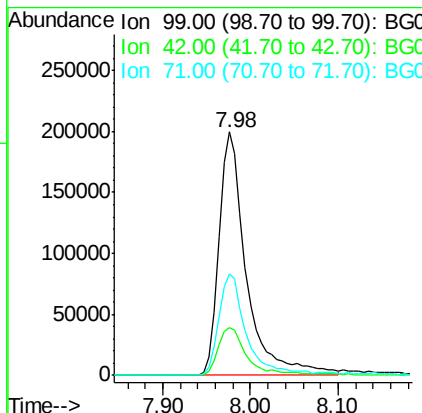
BNA_G

ClientSampleId :

EO-03-033018-C

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#21

Naphthalene-d8

Concen: 20.000 ng

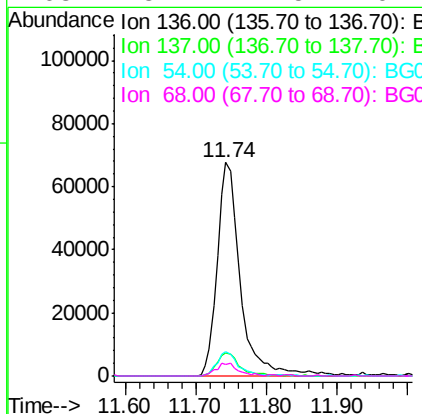
RT: 11.74 min Scan# 1439

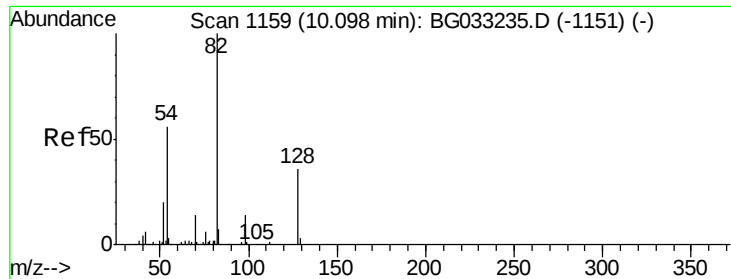
Delta R.T. -0.01 min

Lab File: BG033524.D

Acq: 3 Apr 2018 14:05

Tgt Ion:	136	Resp:	154766
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	11.6	10.3	15.5
68	5.2	4.5	6.7





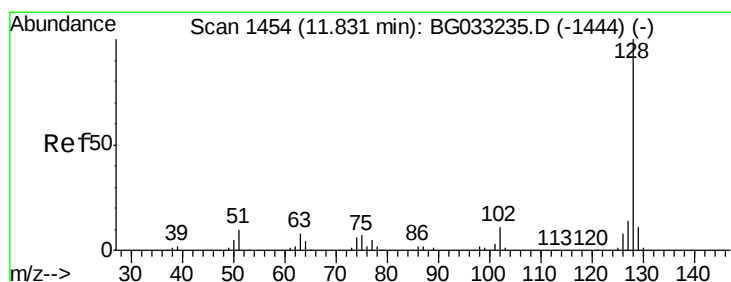
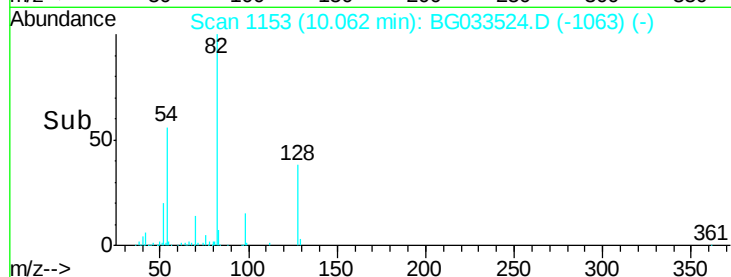
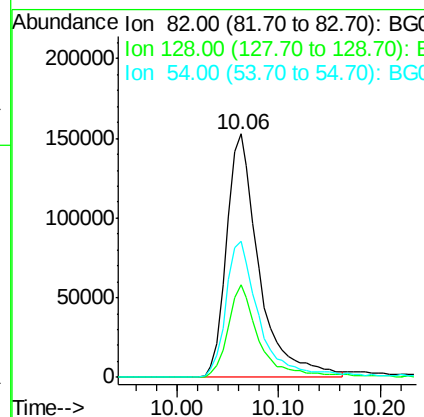
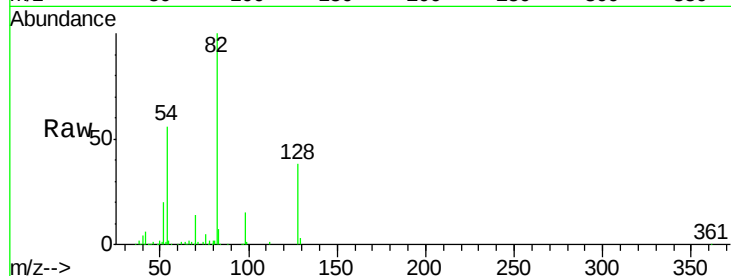
#23
 Nitrobenzene-d5
 Concen: 101.189 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033524.D
 Acq: 3 Apr 2018 14:05

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-033018-C

Tot Ion	82	Resp	340864
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.7	44.5
54	56.0	43.1	64.7

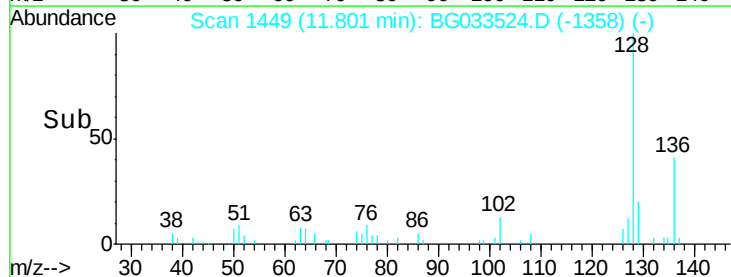
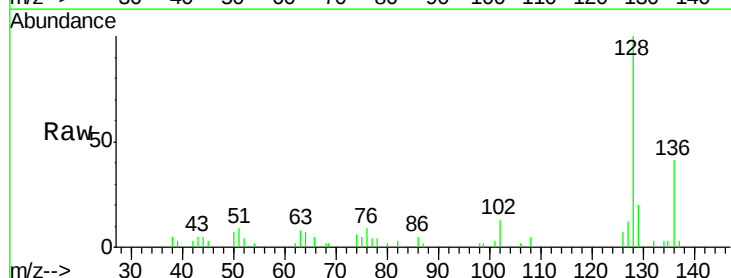
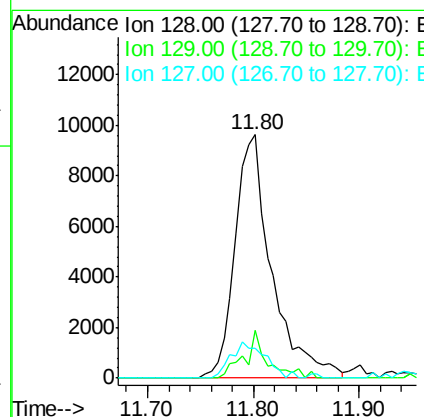
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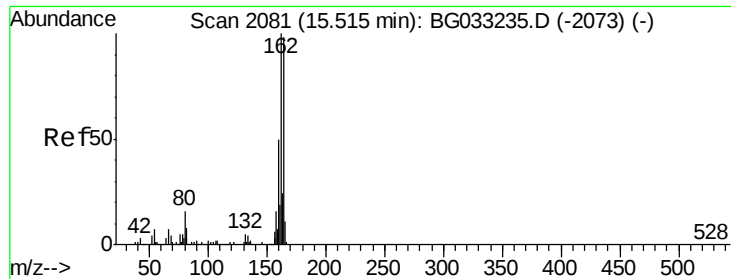
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#31
 Naphthalene
 Concen: 2.878 ng
 RT: 11.80 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BG033524.D
 Acq: 3 Apr 2018 14:05

Tgt Ion	128	Resp	23083
Ion	Ratio	Lower	Upper
128	100		
129	19.9	8.6	12.8#
127	12.4	11.6	17.4





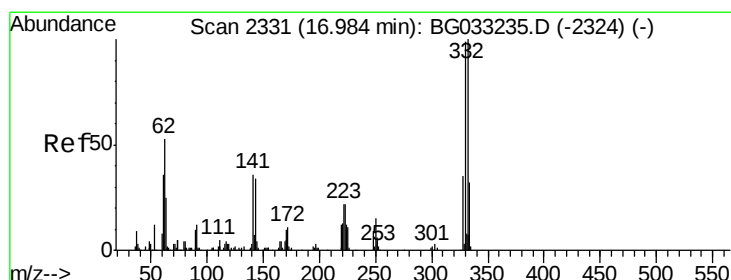
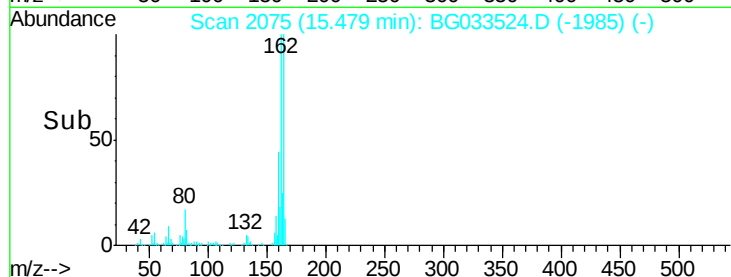
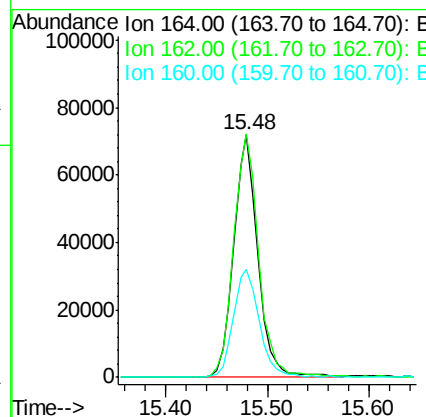
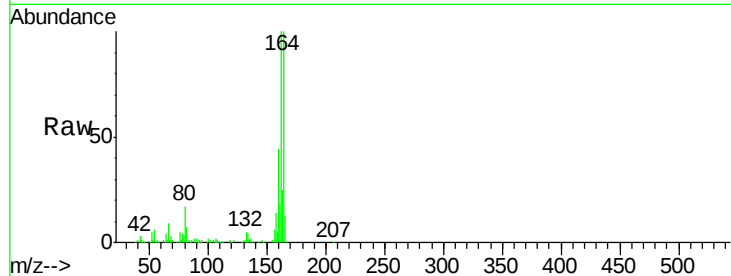
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

Instrument :
BNA_G
ClientSampleId :
EO-03-033018-C

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.3	78.8	118.2	
160	44.6	35.4	53.0	

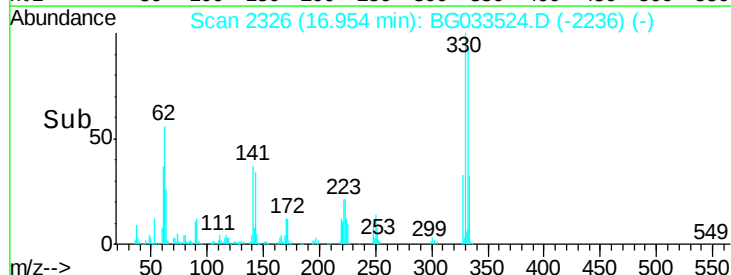
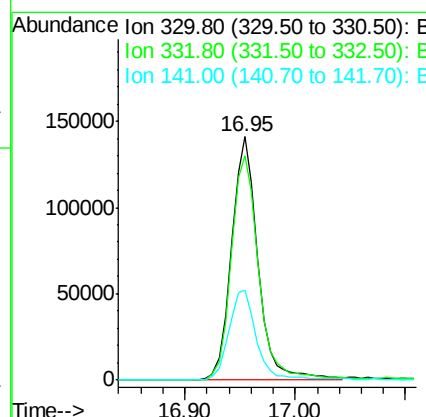
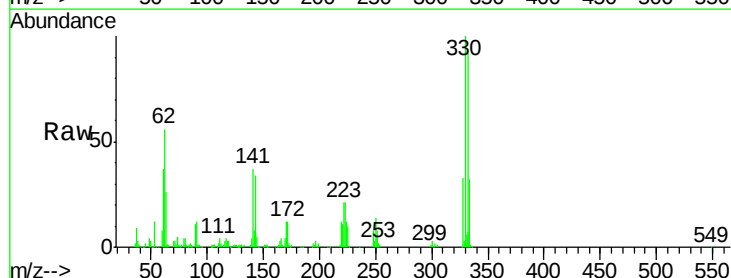
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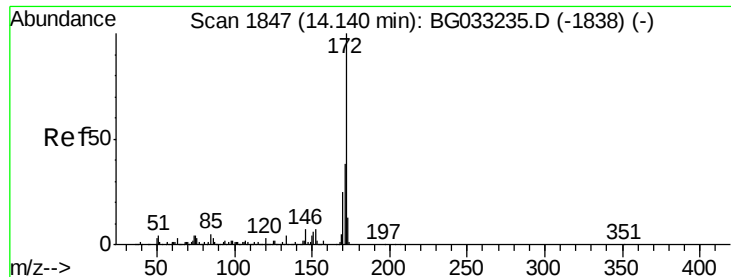
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#41
2,4,6-Tribromophenol
Concen: 133.886 ng
RT: 16.95 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BG033524.D
Acq: 3 Apr 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	38.8	25.2	37.8#	





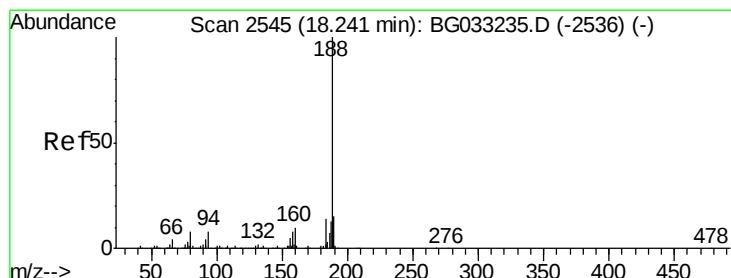
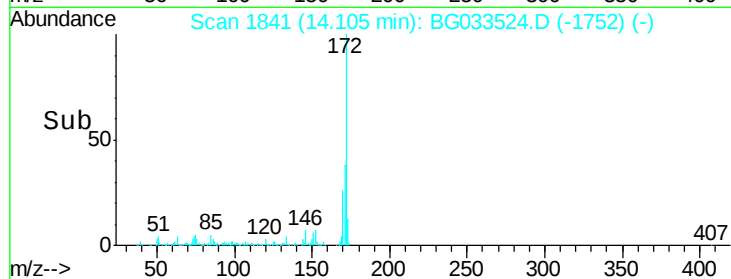
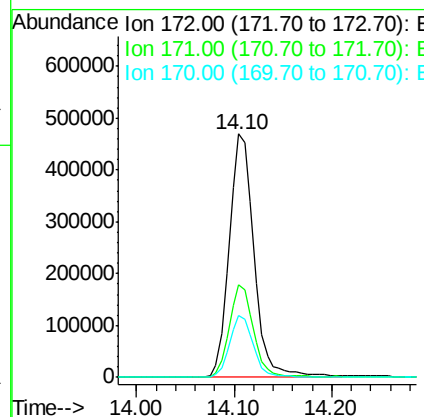
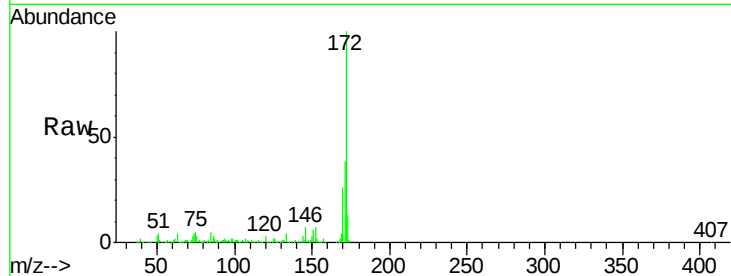
#44
 2-Fluorobiphenyl
 Concen: 101.476 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033524.D
 Acq: 3 Apr 2018 14:05

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-033018-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		831941		
171	38.0	30.0	45.0		
170	25.6	19.5	29.3		

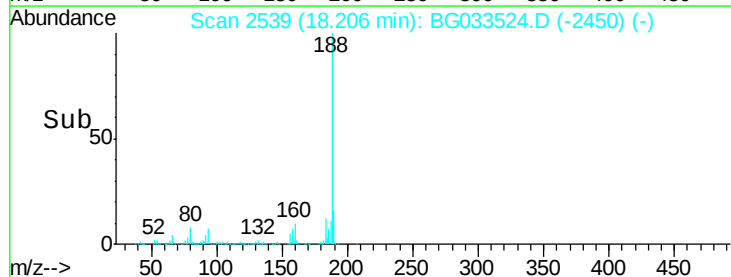
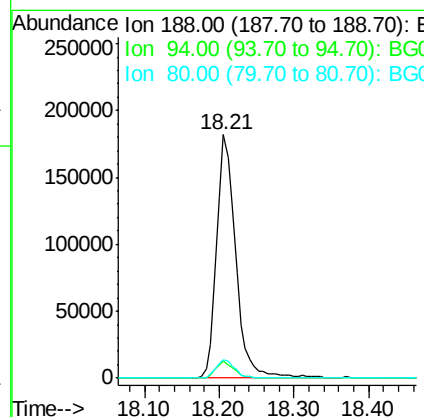
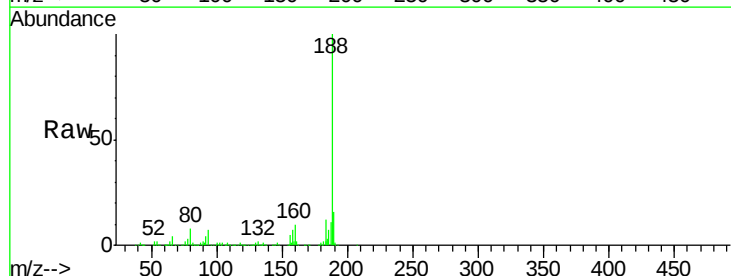
Manual Integrations
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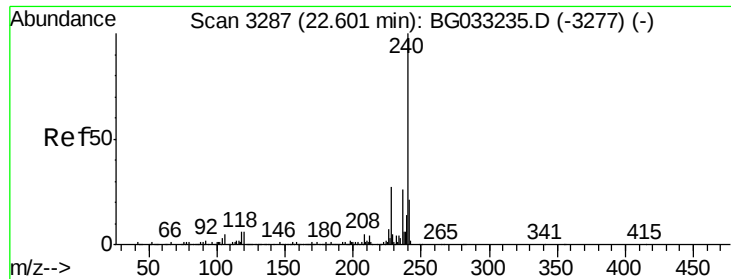
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033524.D
 Acq: 3 Apr 2018 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		323757		
94	7.0	6.9	10.3		
80	7.7	7.7	11.5#		





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033524.D

Acq: 3 Apr 2018 14:05

Instrument :

BNA_G

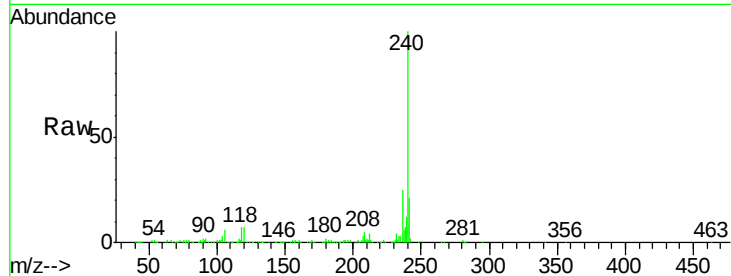
ClientSampleId :

EO-03-033018-C

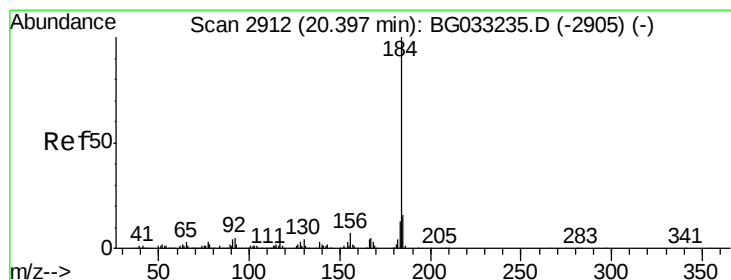
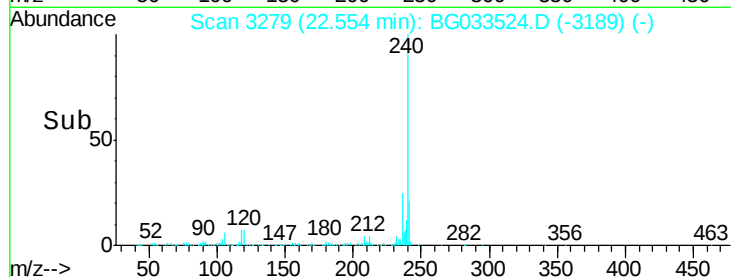
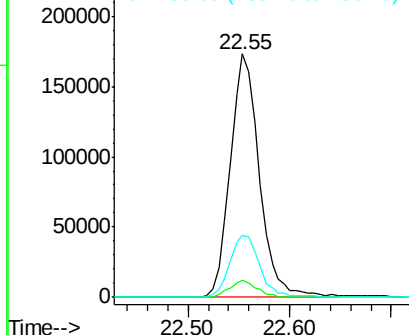
Tot Ion:	240	Resp:	344497
Ion Ratio	Lower	Upper	
240	100		
120	6.9	6.8	10.2
236	25.3	20.9	31.3

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



#76

Benzidine

Concen: 10.952 ng m

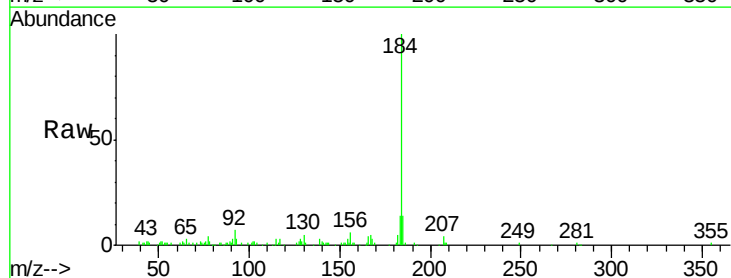
RT: 20.37 min Scan# 2907

Delta R.T. 0.00 min

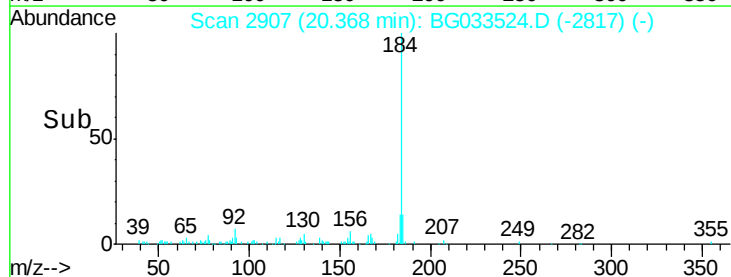
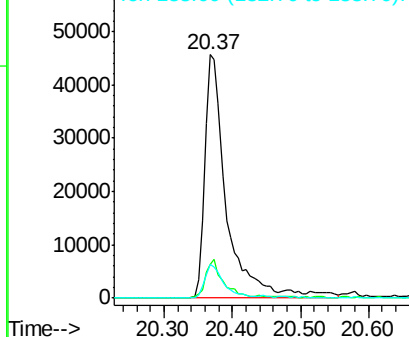
Lab File: BG033524.D

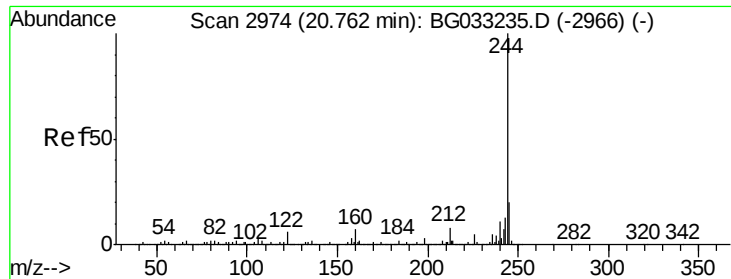
Acq: 3 Apr 2018 14:05

Tgt Ion:	184	Resp:	102317
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.1	16.7
183	13.7	10.6	16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 100.769 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033524.D

Acq: 3 Apr 2018 14:05

Instrument :

BNA_G

ClientSampleId :

EO-03-033018-C

Tot Ion:244 Resp: 1623232

Ion Ratio Lower Upper

244 100

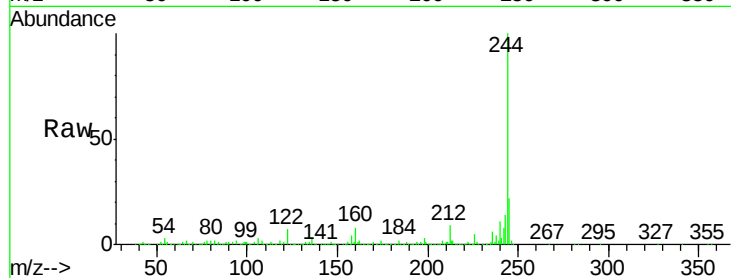
212 8.8 5.8 8.8#

122 7.4 7.0 10.4

Manual Integrations
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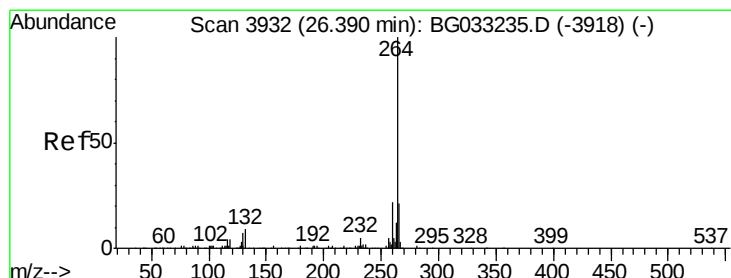
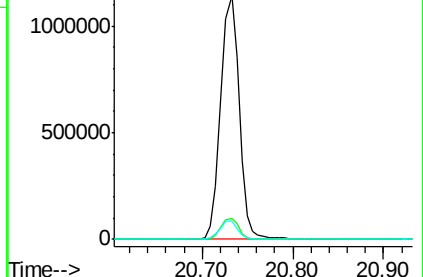
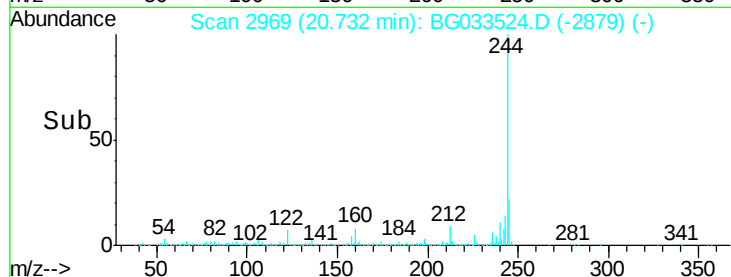
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng m

RT: 26.32 min Scan# 3920

Delta R.T. 0.00 min

Lab File: BG033524.D

Acq: 3 Apr 2018 14:05

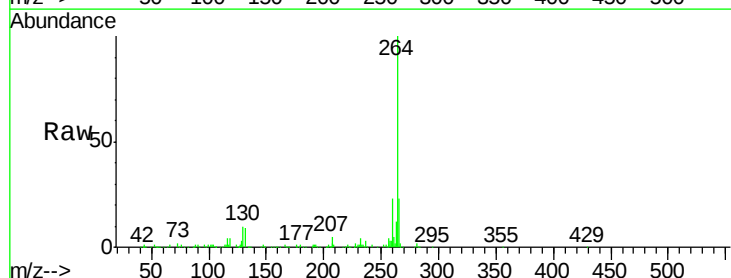
Tgt Ion:264 Resp: 359463

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 23.1 17.7 26.5



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

