

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010918\
 Data File : BG031974.D
 Acq On : 10 Jan 2018 9:33
 Operator : SJ/JU
 Sample : J1057-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2C

Manual Integrations
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 1/10/2018 11:48:23 AM

Quant Time: Jan 10 10:48:44 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	62761	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	259359	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	181862	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	433674	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	500493	20.00	ng	-0.04
86) Perylene-d12	26.20	264	507217	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	429231	124.57	ng	0.00
7) Phenol-d6	7.89	99	511738	114.39	ng	0.00
23) Nitrobenzene-d5	9.98	82	366408	106.68	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	438443	158.00	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1312348	90.57	ng	-0.01
78) Terphenyl-d14	20.67	244	2106005	96.13	ng	-0.03
Target Compounds						
10) Phenol	7.92	94	14579	3.228	ng	94
20) 3+4-Methylphenols	9.54	107	128701	28.020	ng	89
31) Naphthalene	11.71	128	50825	3.883	ng	99
32) Benzoic acid	10.84	122	8333m	9.387	ng	

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

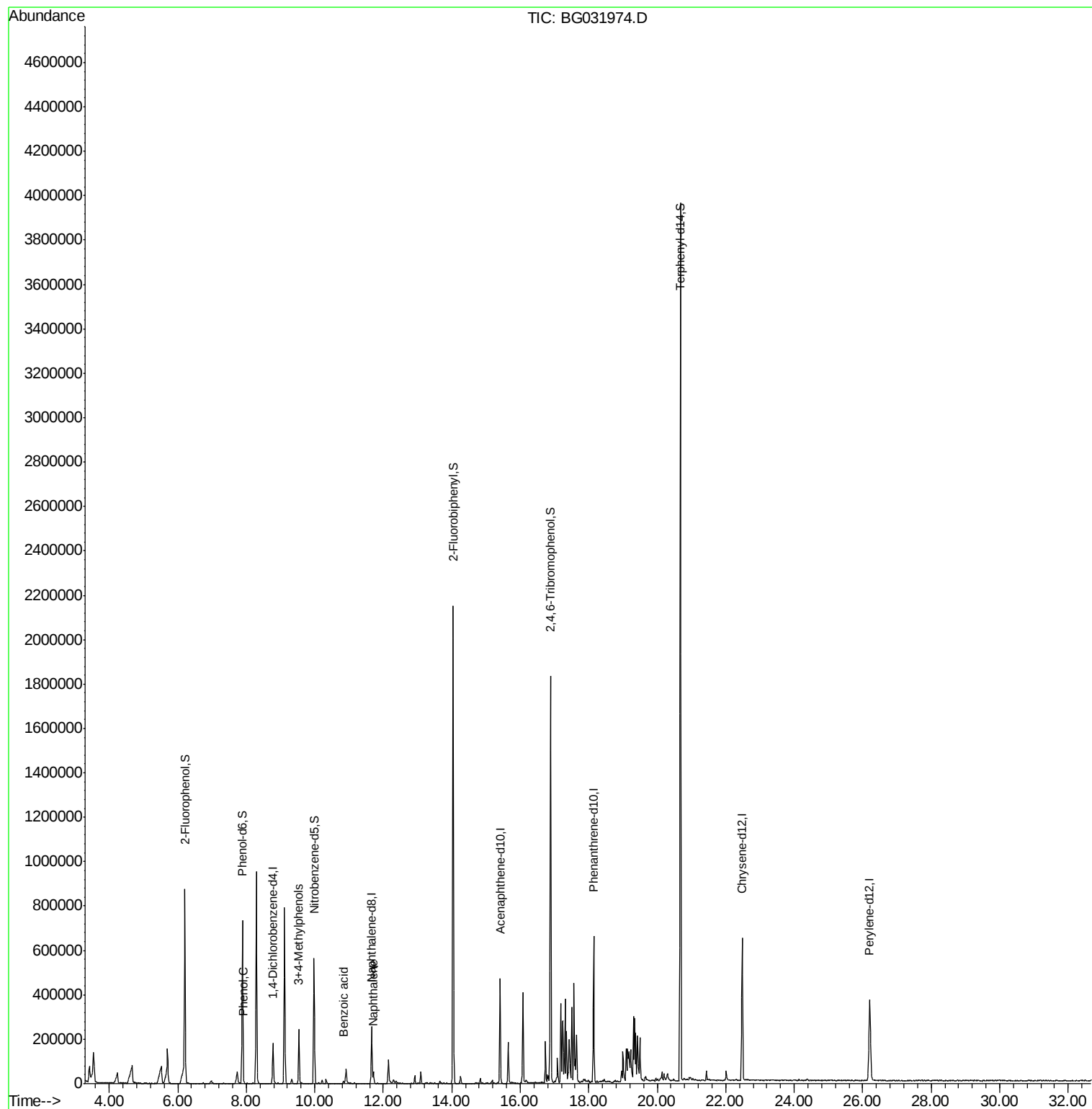
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Data File : BG031974.D
Acq On : 10 Jan 2018 9:33
Operator : SJ/JU
Sample : J1057-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

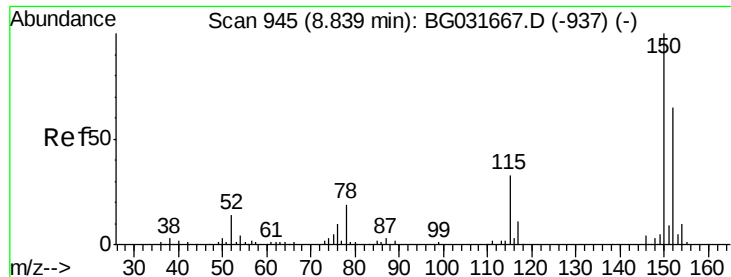
Instrument :
BNA_G
ClientSampleId :
OWS-2C

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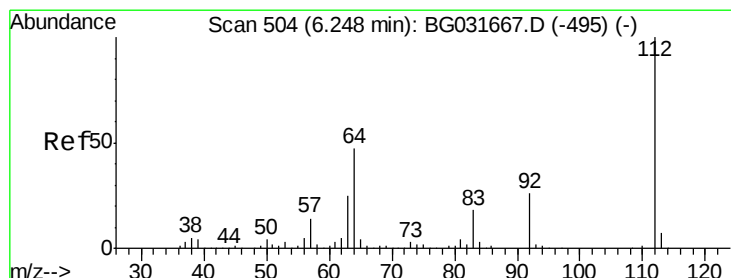
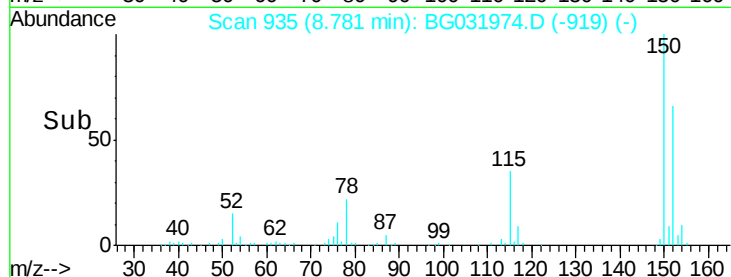
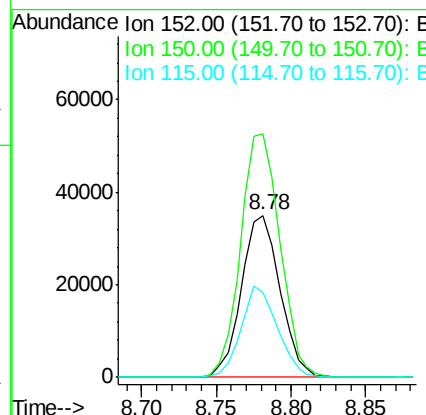
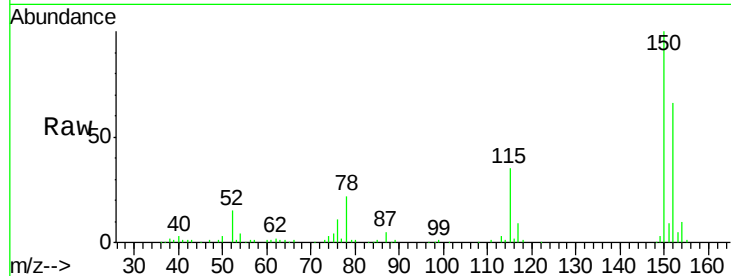
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BG031974.D
 Acq: 10 Jan 2018 9:33

Instrument :
 BNA_G
 ClientSampleId :
 QWS-2C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.5	126.6	189.8
115	52.7	53.0	79.4#

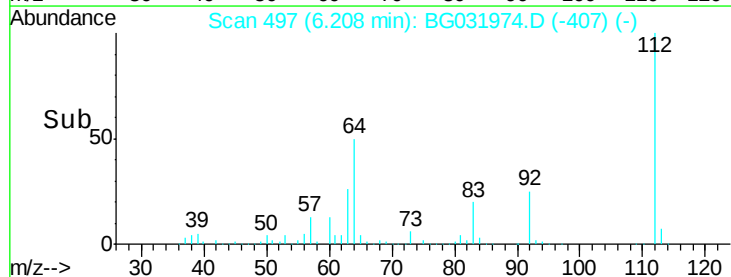
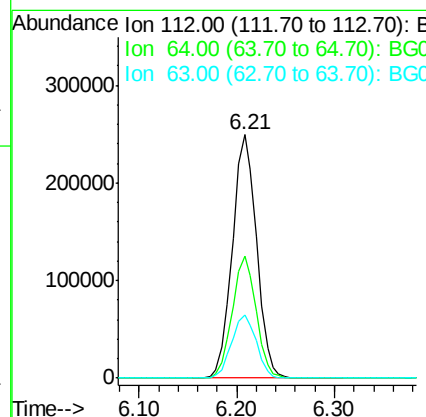
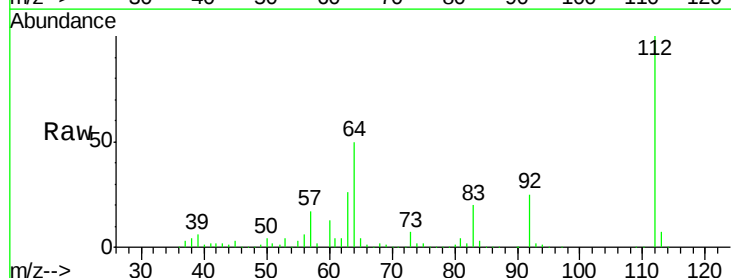
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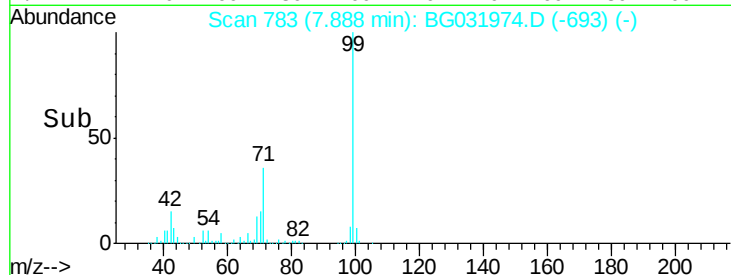
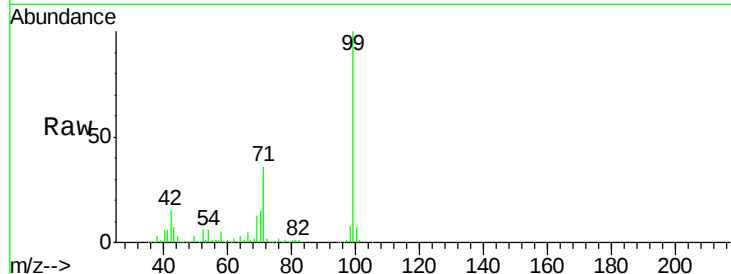
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#5
 2-Fluorophenol
 Concen: 124.567 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG031974.D
 Acq: 10 Jan 2018 9:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.0	56.3	84.5#
63	26.2	30.1	45.1#





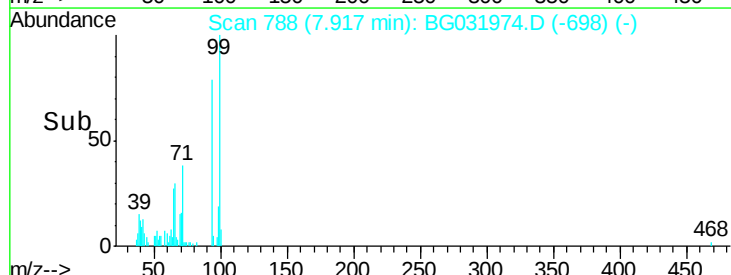
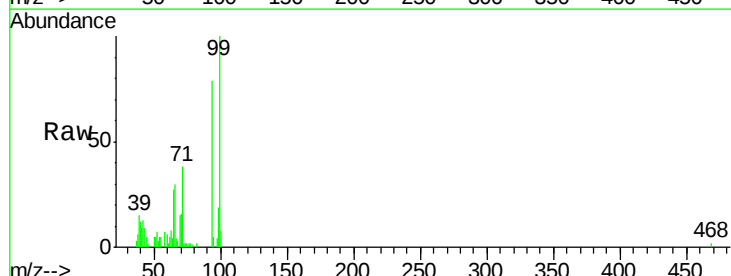
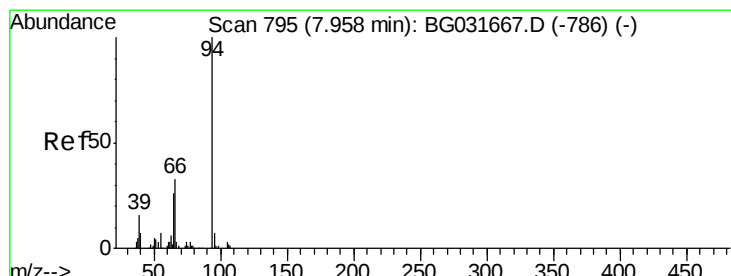
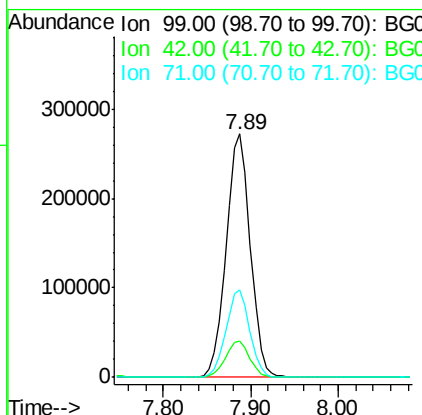
#7
Phenol-d6
Concen: 114.386 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.00 min
Lab File: BG031974.D
Acq: 10 Jan 2018 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	511738		
42	14.9		14.1	21.1
71	36.2		26.1	39.1

Instrument :
BNA_G
ClientSampleId :
OWS-2C

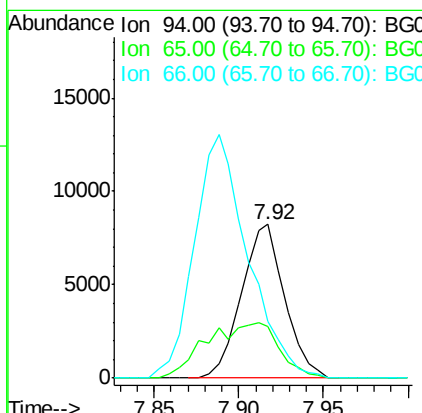
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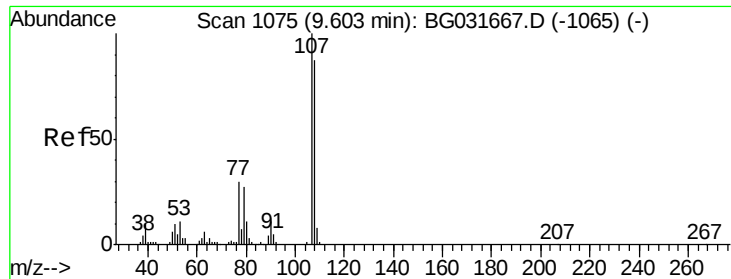
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#10
Phenol
Concen: 3.228 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG031974.D
Acq: 10 Jan 2018 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	14579		
65	33.5		11.9	51.9
66	37.4		22.2	62.2





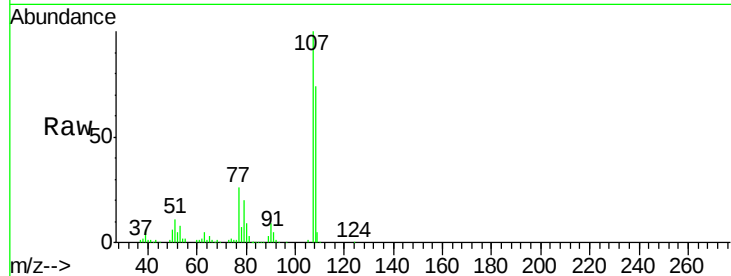
#20
3+4-Methylphenols
Concen: 28.020 ng
RT: 9.54 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BG031974.D
Acq: 10 Jan 2018 9:33

Instrument :
BNA_G
ClientSampleId :
OWS-2C

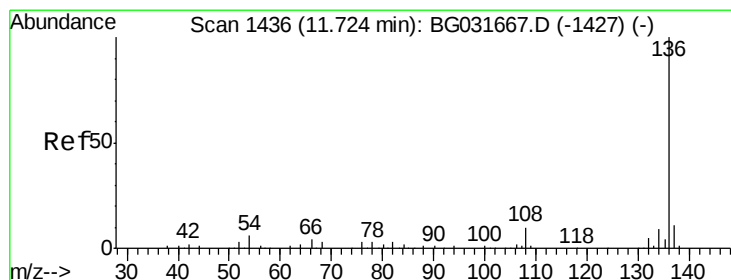
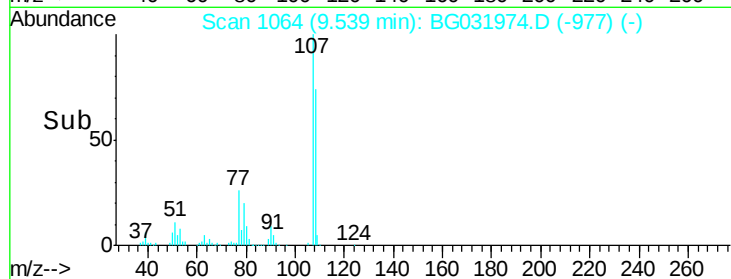
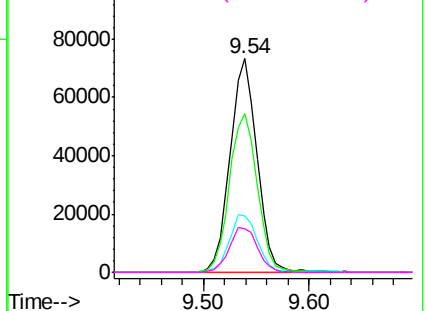
Tgt	Ion	Resp	Lower	Upper
107	100			
108	74.2	61.6	101.6	
77	26.2	13.9	53.9	
79	20.3	8.8	48.8	

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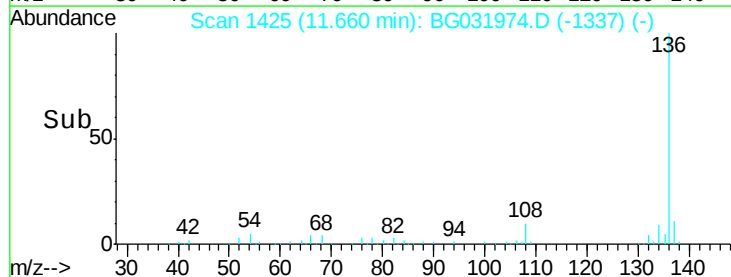
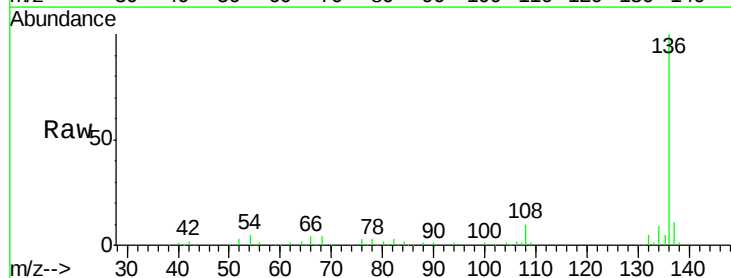
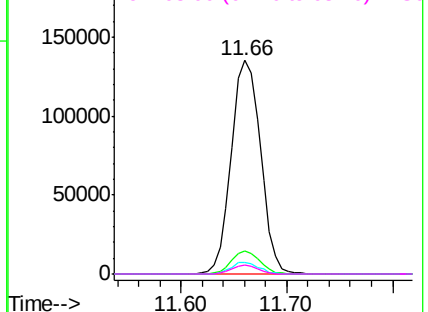
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

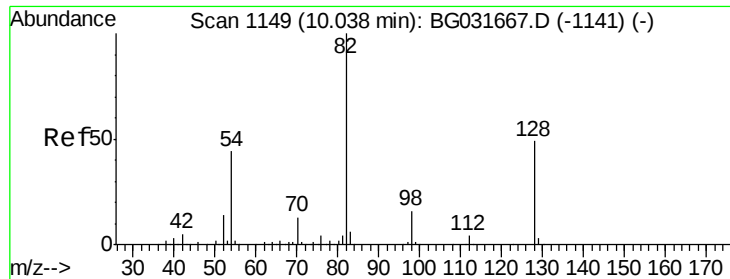


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BG031974.D
Acq: 10 Jan 2018 9:33

Tgt	Ion	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	5.2	10.3	15.5#	
68	4.2	4.5	6.7#	

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





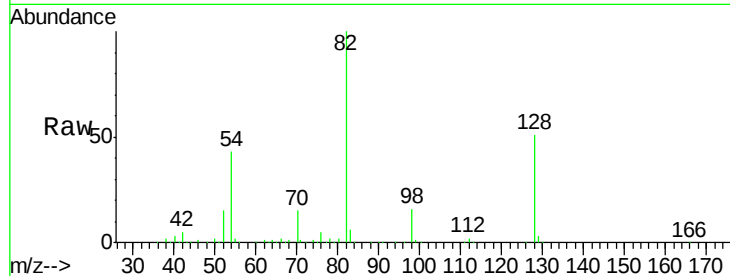
#23
Nitrobenzene-d5
Concen: 106.679 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031974.D
Acq: 10 Jan 2018 9:33

Instrument :
BNA_G
ClientSampled :
OWS-2C

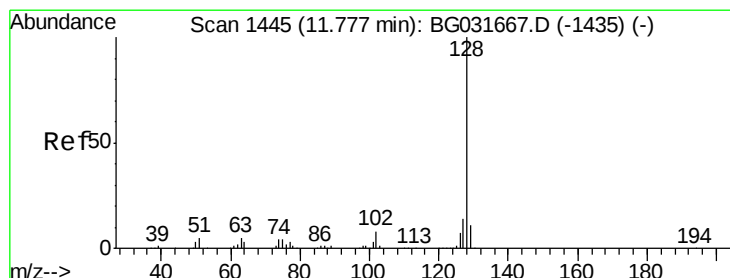
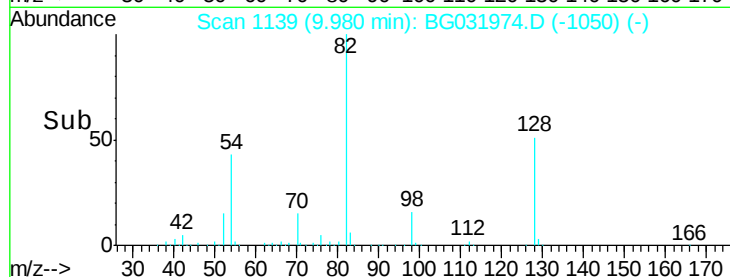
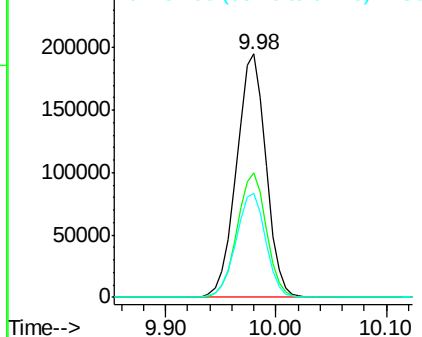
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	51.2	29.7	44.5#
54	42.6	43.1	64.7#

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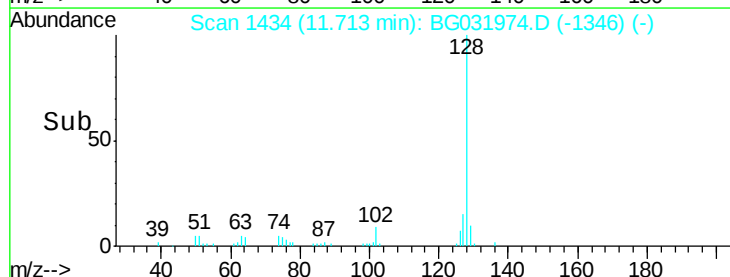
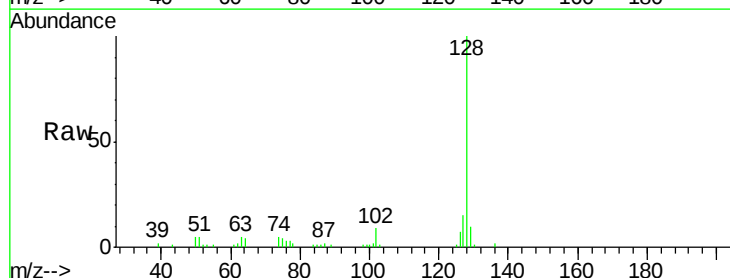
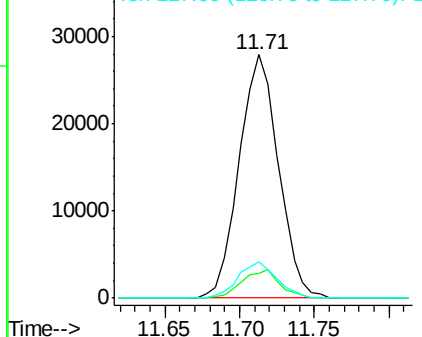
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

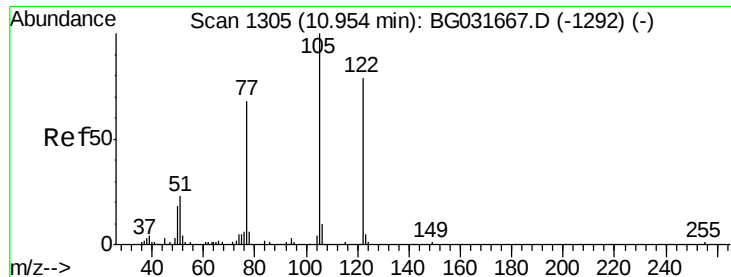


#31
Naphthalene
Concen: 3.883 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031974.D
Acq: 10 Jan 2018 9:33

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	10.4	8.6	12.8
127	14.9	11.6	17.4

Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





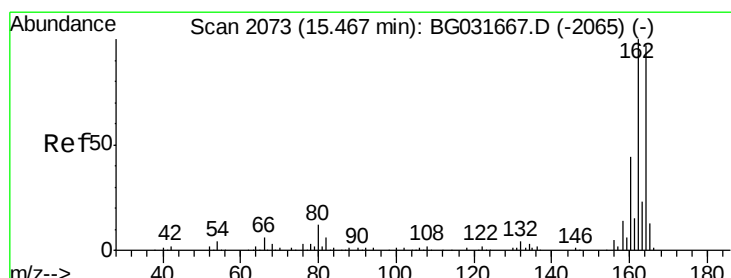
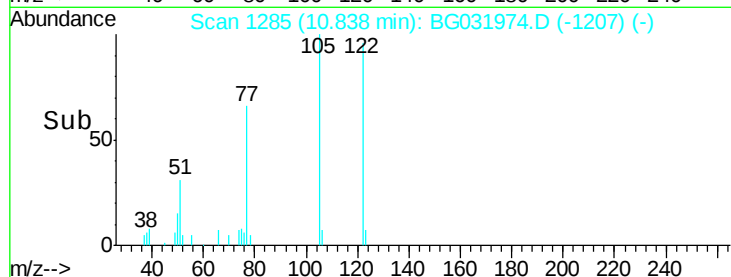
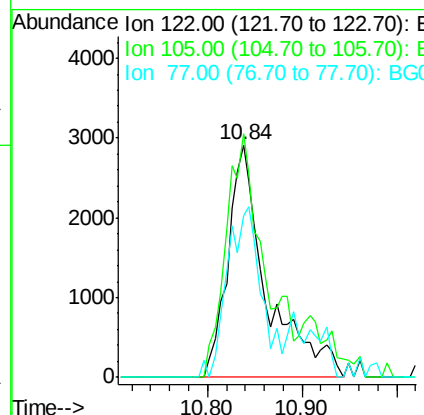
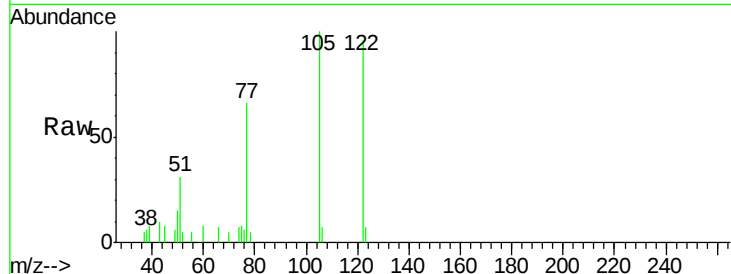
#32
Benzoic acid
Concen: 9.387 ng m
RT: 10.84 min Scan# 1285
Delta R.T. -0.07 min
Lab File: BG031974.D
Acq: 10 Jan 2018 9:33

Instrument :
BNA_G
ClientSampleId :
OWS-2C

Tgt Ion	Ratio	Lower	Upper
122	100		
105	104.7	123.5	163.5#
77	69.4	85.7	125.7#

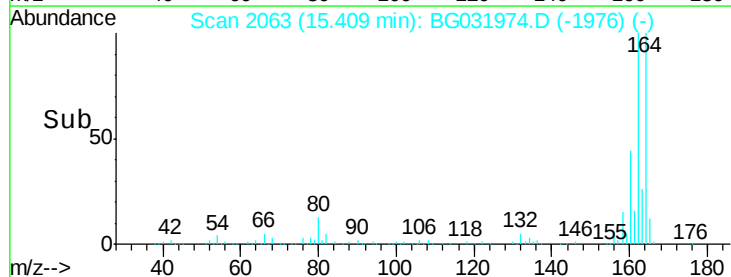
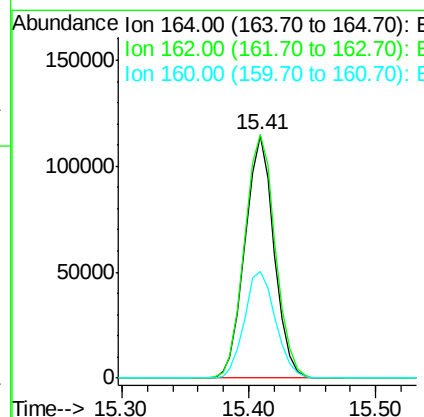
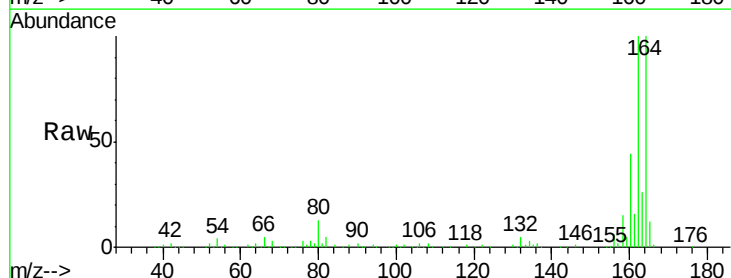
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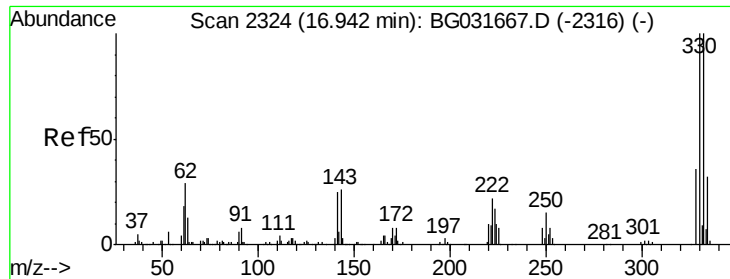
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BG031974.D
Acq: 10 Jan 2018 9:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	44.0	35.4	53.0





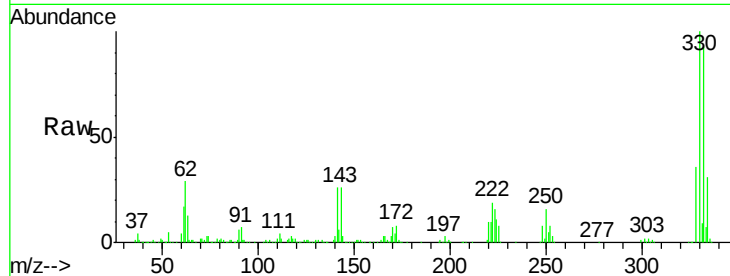
#41
 2,4,6-Tribromophenol
 Concen: 158.000 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.02 min
 Lab File: BG031974.D
 Acq: 10 Jan 2018 9:33

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2C

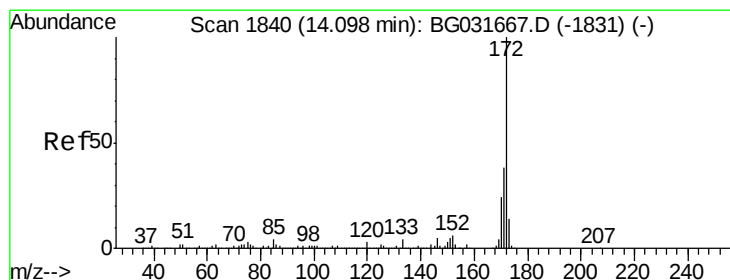
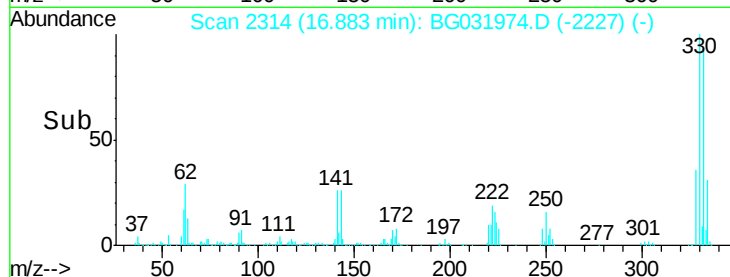
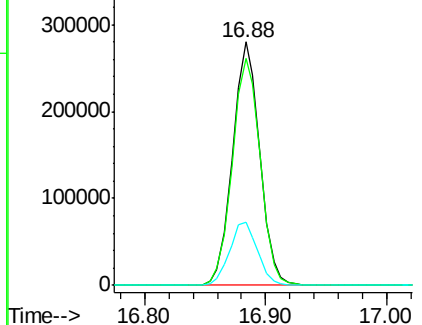
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	438443		
332	96.1	77.0	115.6	
141	26.8	25.2	37.8	

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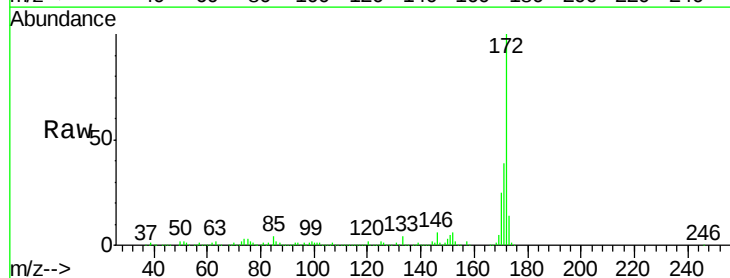


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

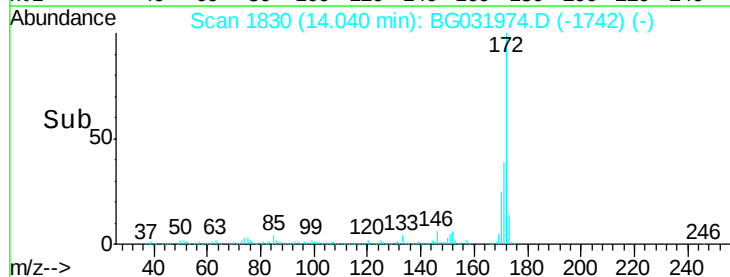
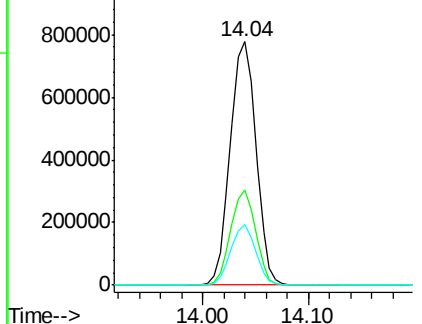


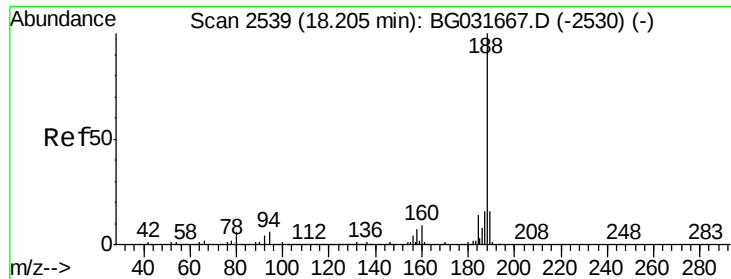
#44
 2-Fluorobiphenyl
 Concen: 90.573 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031974.D
 Acq: 10 Jan 2018 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1312348		
171	38.9	30.0	45.0	
170	24.8	19.5	29.3	



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





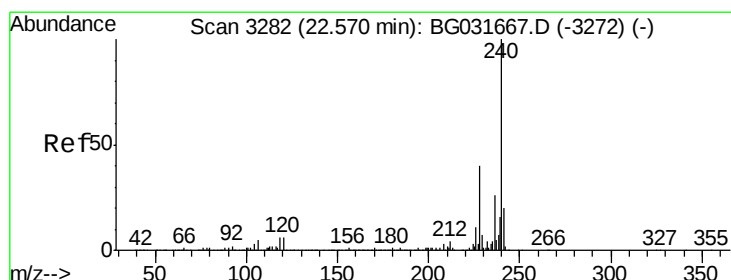
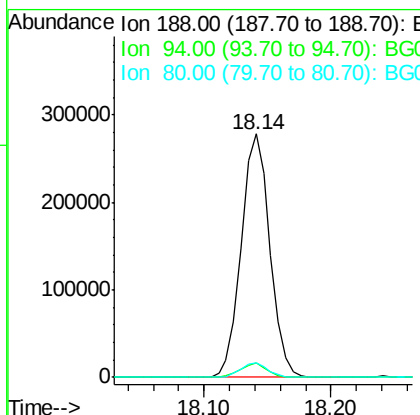
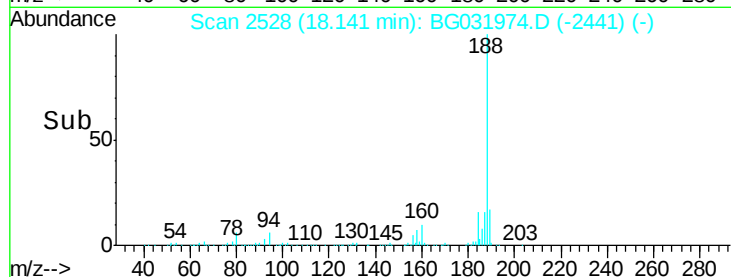
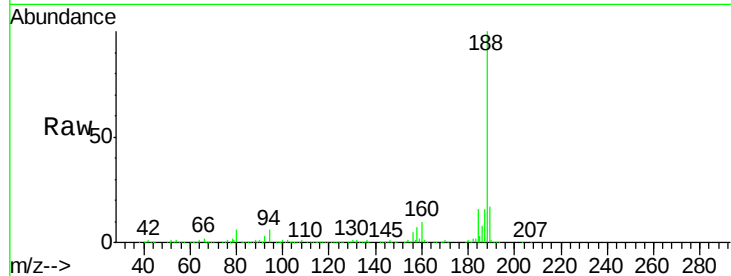
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031974.D
Acq: 10 Jan 2018 9:33

Instrument :
BNA_G
ClientSampleId :
OWS-2C

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.8	6.9	10.3#
80	6.0	7.7	11.5#

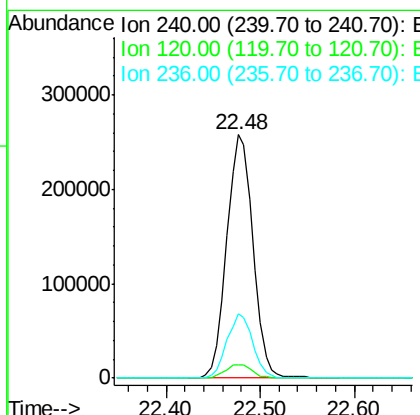
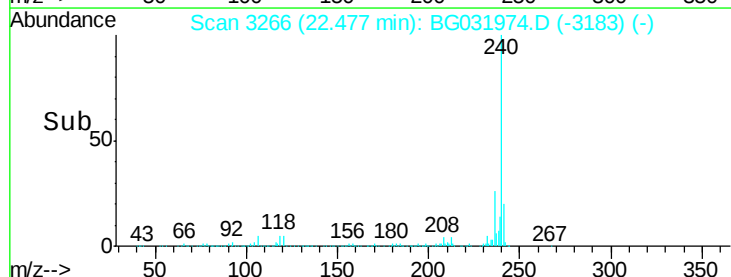
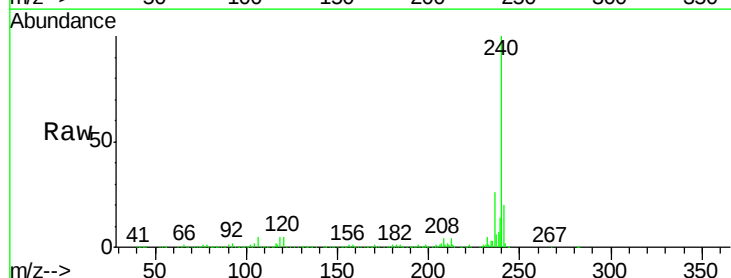
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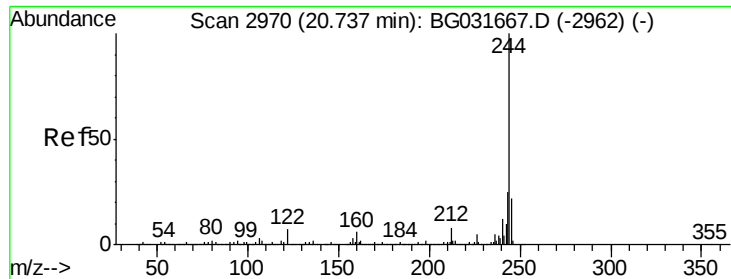
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.04 min
Lab File: BG031974.D
Acq: 10 Jan 2018 9:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.4	6.8	10.2#
236	26.2	20.9	31.3





#78

Terphenyl-d14

Concen: 96.135 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.03 min

Lab File: BG031974.D

Acq: 10 Jan 2018 9:33

Instrument :

BNA_G

ClientSampleId :

OWS-2C

Tgt Ion:244 Resp: 2106005

Ion Ratio Lower Upper

244 100

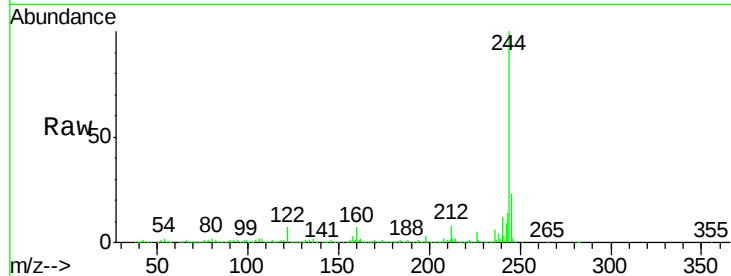
212 8.0 5.8 8.8

122 7.3 7.0 10.4

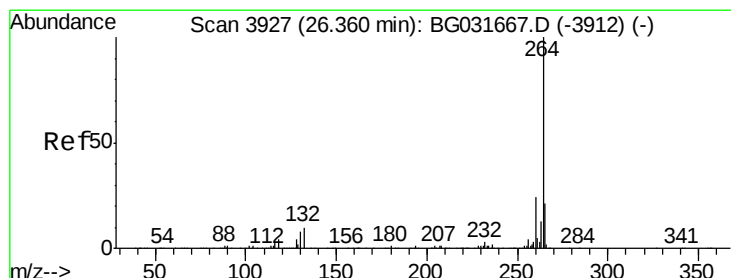
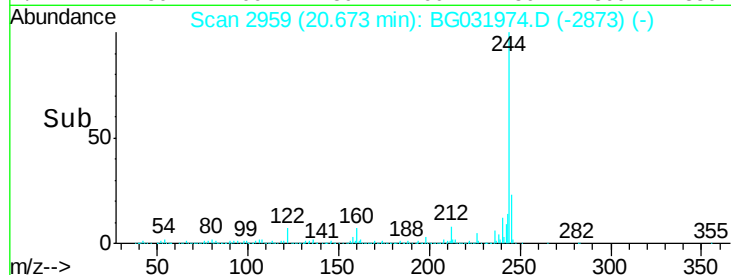
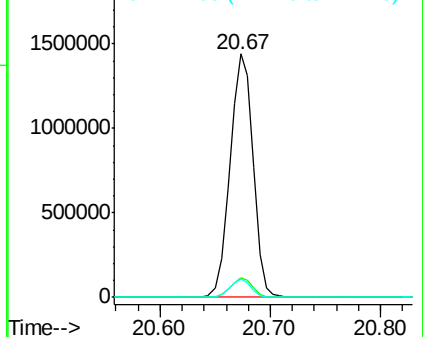
Manual Integrations
APPROVED

Sohil

1/10/2018 11:48:23 AM



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
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

RT: 26.20 min Scan# 3900

Delta R.T. -0.10 min

Lab File: BG031974.D

Acq: 10 Jan 2018 9:33

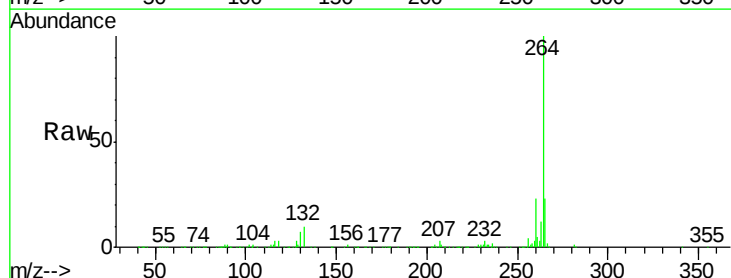
Tgt Ion:264 Resp: 507217

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 23.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
200000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

