

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010318\
 Data File : BG031905.D
 Acq On : 4 Jan 2018 00:45
 Operator : SJ/JU
 Sample : J1005-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2

Manual Integrations
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Sohil
 1/4/2018 1:52:52 PM

Quant Time: Jan 04 08:18:52 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	54490	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	225089	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	151985	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	377777	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	427889	20.00	ng	-0.02
86) Perylene-d12	26.22	264	457805	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	423237	141.47	ng	0.00
7) Phenol-d6	7.89	99	512183	131.86	ng	0.00
23) Nitrobenzene-d5	9.99	82	324499	108.86	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	378286	163.12	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1145695	94.61	ng	0.00
78) Terphenyl-d14	20.68	244	1533191	81.86	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.89	77	97533	41.702	ng	Qvalue 80
15) Benzyl Alcohol	9.05	79	1159853	397.777	ng	89
31) Naphthalene	11.73	128	37382	3.291	ng	100
32) Benzoic acid	10.90	122	73724	34.141	ng	# 76
58) 2,3,4,6-Tetrachlorophenol	16.02	232	13966m	3.500	ng	

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

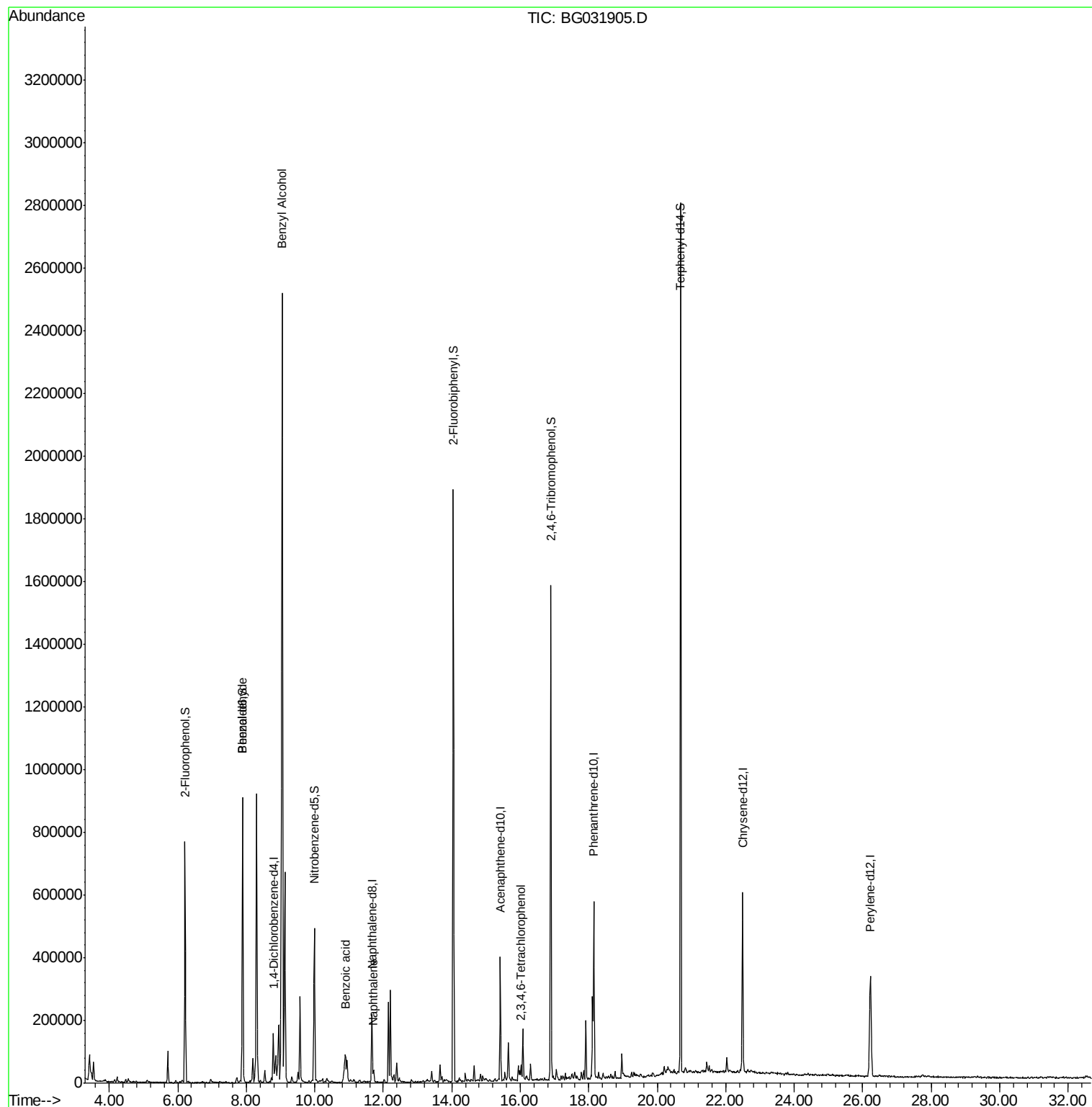
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010318\
Data File : BG031905.D
Acq On : 4 Jan 2018 00:45
Operator : SJ/JU
Sample : J1005-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

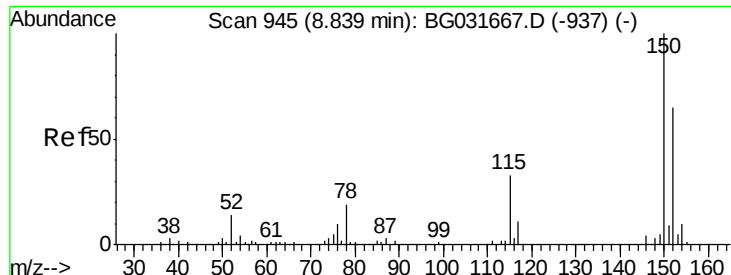
Instrument :
BNA_G
ClientSampleId :
OWS-2

Manual Integrations
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Quant Time: Jan 04 08:18:52 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration





#1

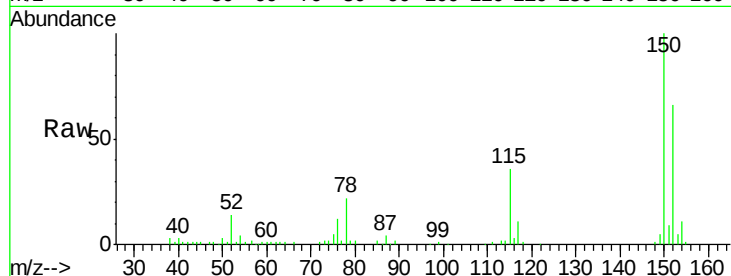
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031905.D
Acq: 4 Jan 2018 00:45

Instrument :
BNA_G
ClientSampled :
OWS-2

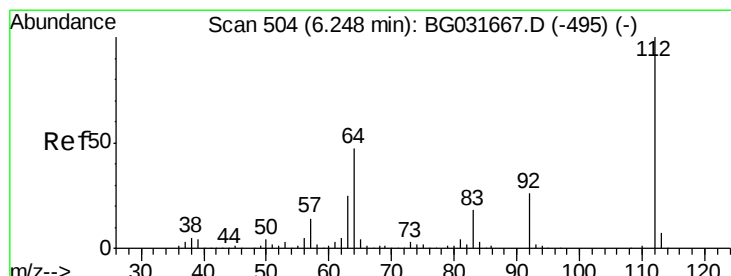
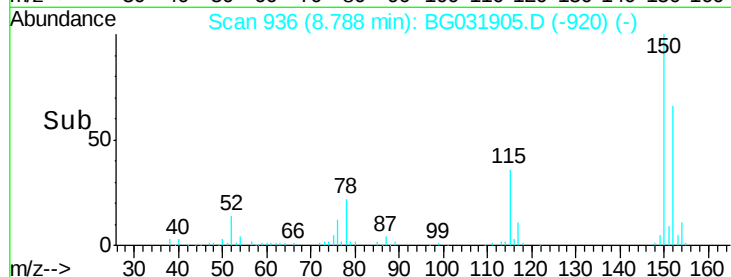
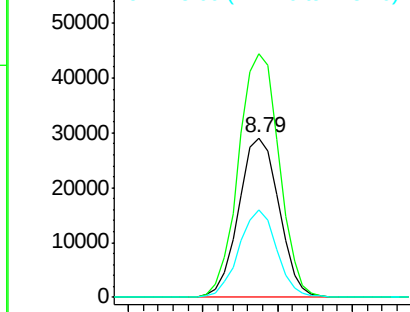
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.6	189.8
115	54.9	53.0	79.4

Manual Integrations
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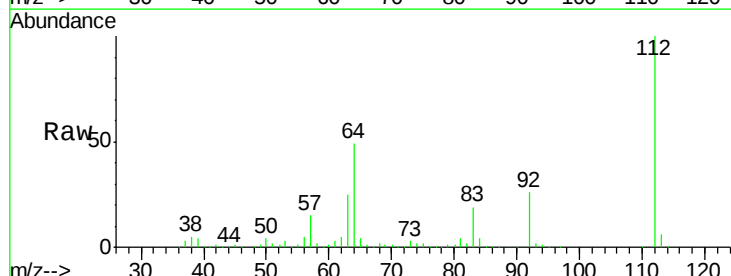
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



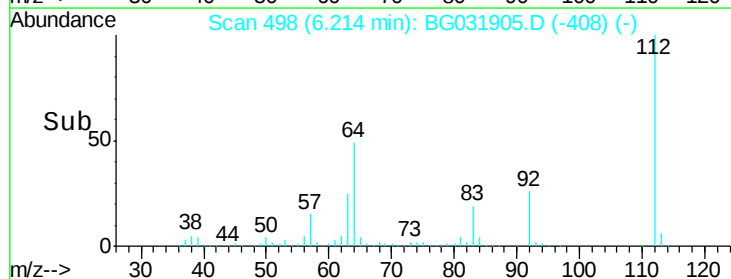
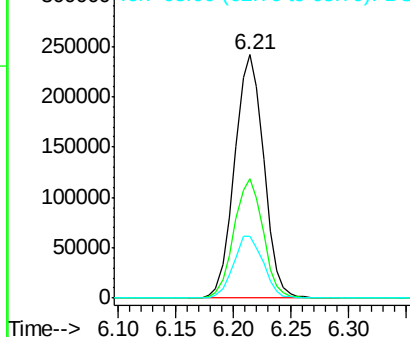
#5

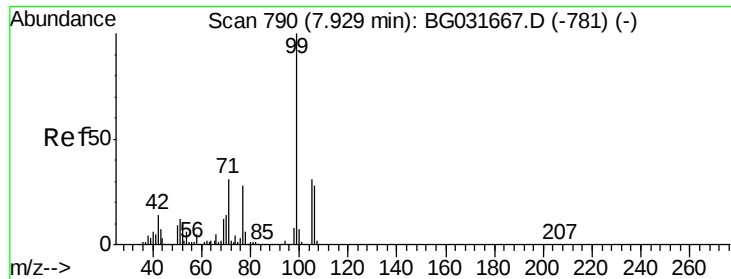
2-Fluorophenol
Concen: 141.471 ng
RT: 6.21 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG031905.D
Acq: 4 Jan 2018 00:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.9	56.3	84.5#
63	25.4	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.864 ng

RT: 7.89 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG031905.D

Acq: 4 Jan 2018 00:45

Instrument :

BNA_G

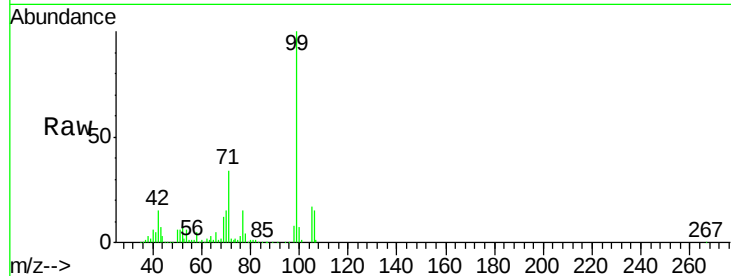
ClientSampleId :

OWS-2

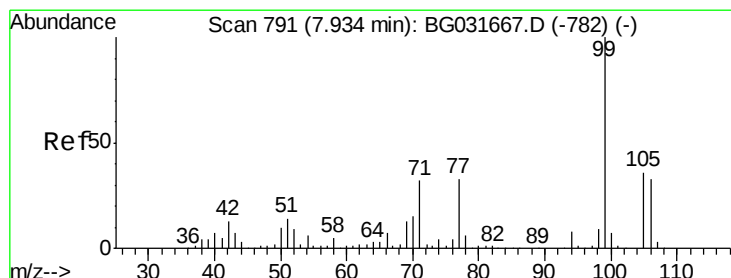
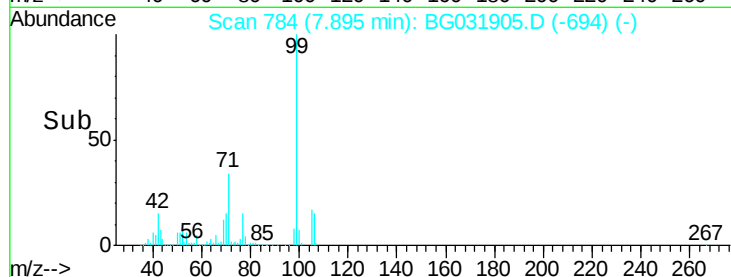
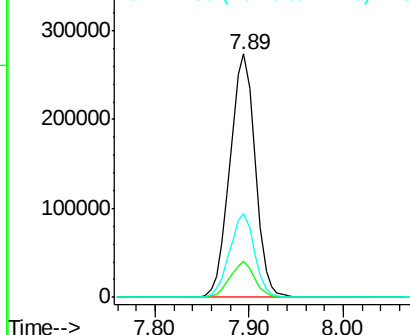
Tgt Ion:	99	Resp:	512183
Ion Ratio	Lower	Upper	
99	100		
42	14.9	14.1	21.1
71	34.1	26.1	39.1

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 41.702 ng

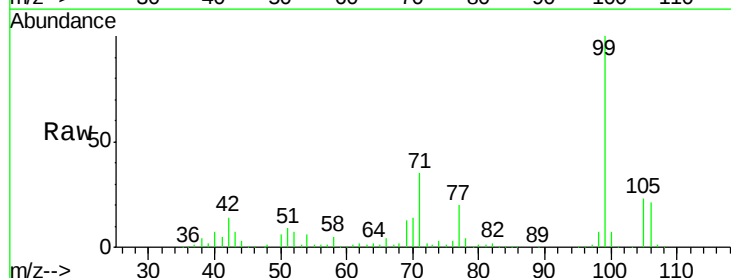
RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

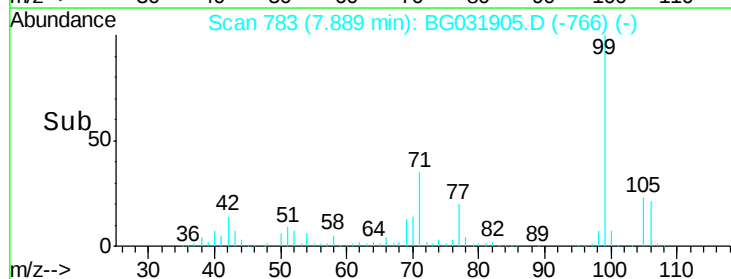
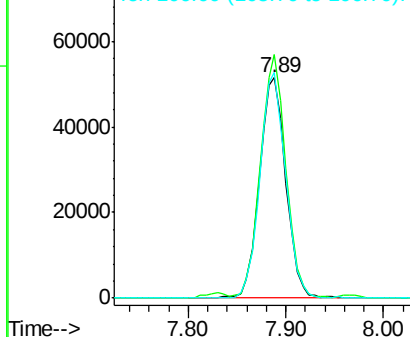
Lab File: BG031905.D

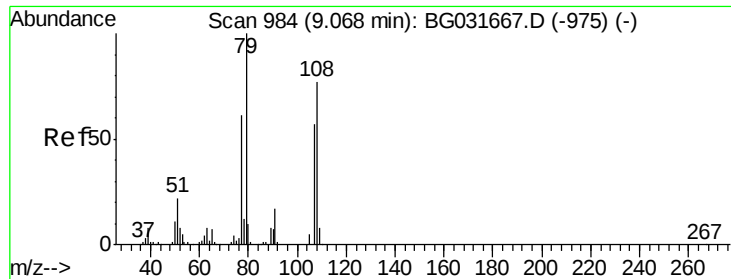
Acq: 4 Jan 2018 00:45

Tgt Ion:	77	Resp:	97533
Ion Ratio	Lower	Upper	
77	100		
105	110.6	71.3	111.3
106	102.4	64.2	104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#15

Benzyl Alcohol

Concen: 397.777 ng

RT: 9.05 min Scan# 981

Delta R.T. 0.03 min

Lab File: BG031905.D

Acq: 4 Jan 2018 00:45

Instrument :

BNA_G

ClientSampleId :

OWS-2

Tgt Ion: 79 Resp: 1159853

Ion Ratio Lower Upper

79 100

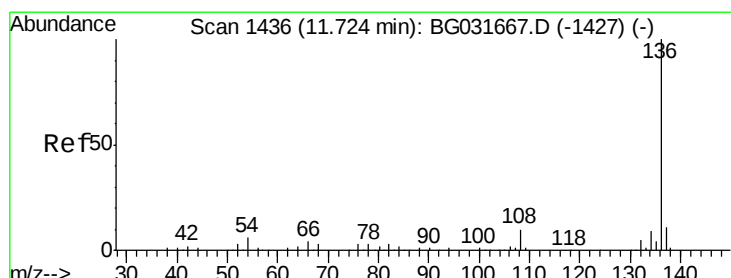
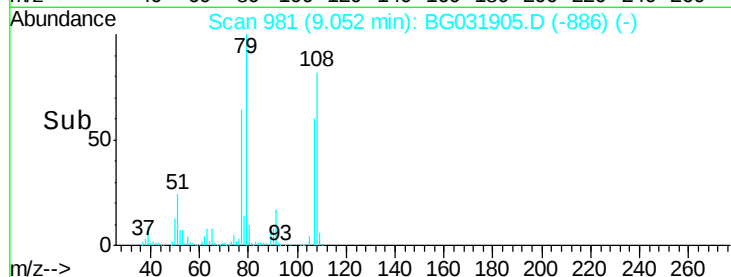
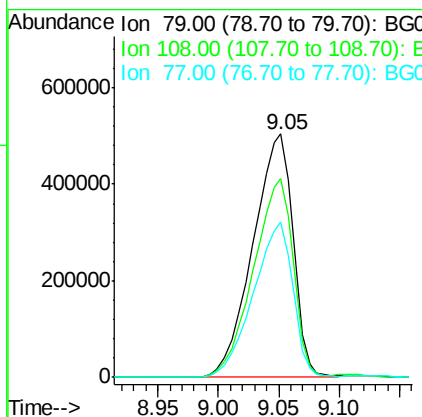
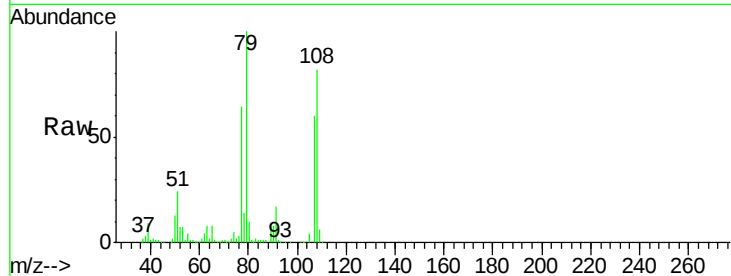
108 81.6 57.2 85.8

77 63.8 46.1 69.1

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.67 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BG031905.D

Acq: 4 Jan 2018 00:45

Tgt Ion: 136 Resp: 225089

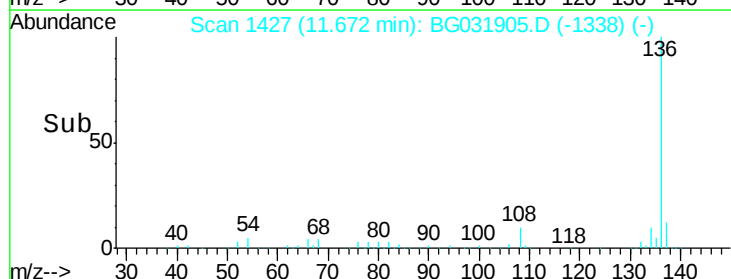
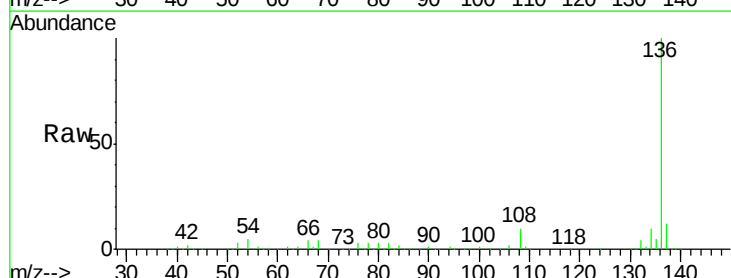
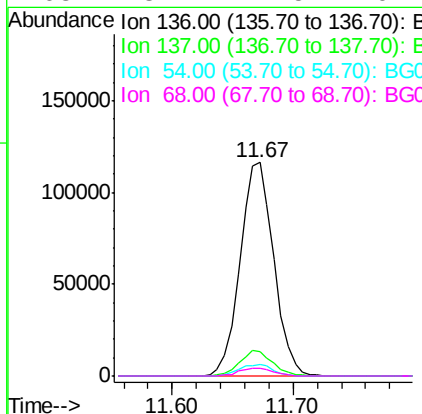
Ion Ratio Lower Upper

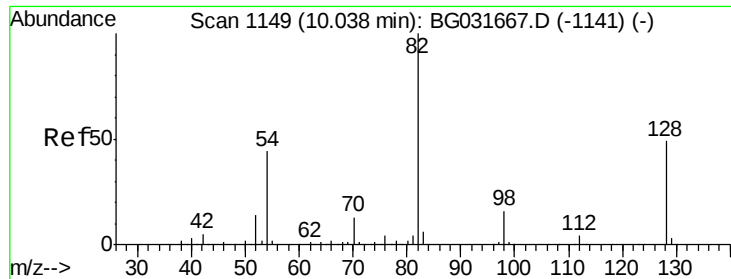
136 100

137 11.6 9.2 13.8

54 5.3 10.3 15.5#

68 3.7 4.5 6.7#





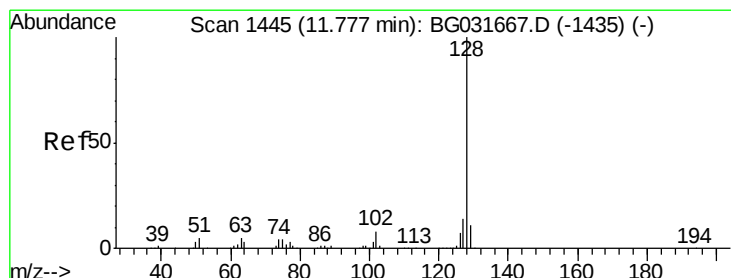
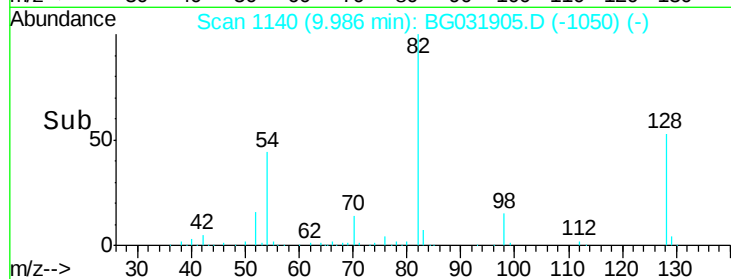
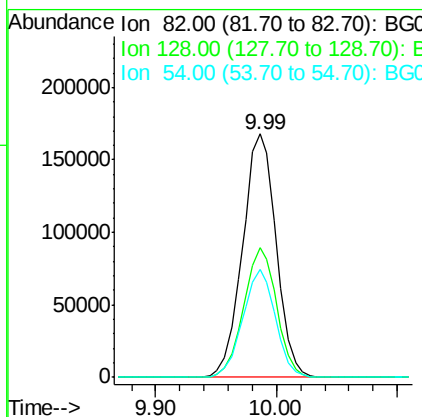
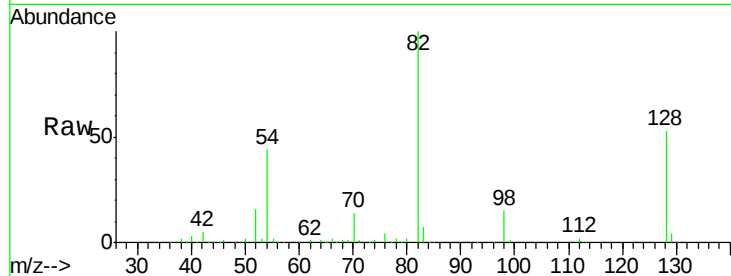
#23
 Nitrobenzene-d5
 Concen: 108.862 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BG031905.D
 Acq: 4 Jan 2018 00:45

Instrument :
 BNA_G
 ClientSampled :
 OWS-2

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	324499		
128	53.2	29.7	44.5#	
54	44.4	43.1	64.7	

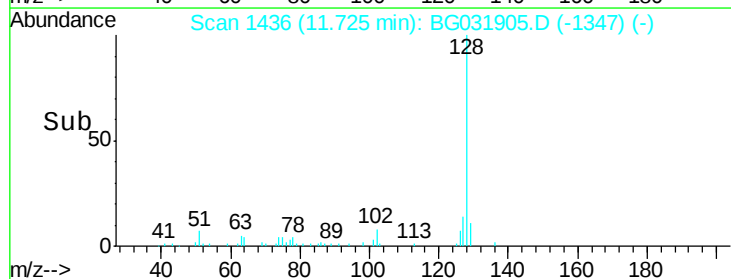
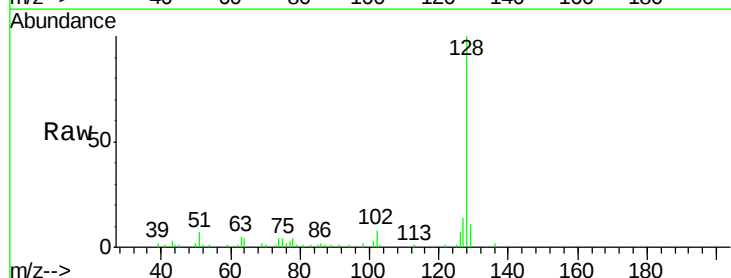
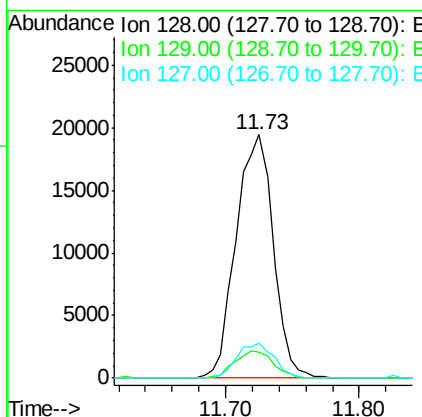
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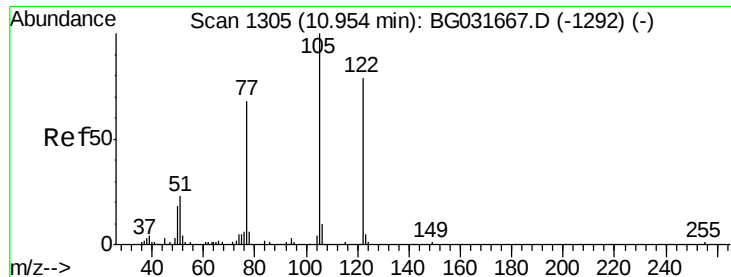
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#31
 Naphthalene
 Concen: 3.291 ng
 RT: 11.73 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BG031905.D
 Acq: 4 Jan 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	37382		
129	10.7	8.6	12.8	
127	14.4	11.6	17.4	





#32

Benzoic acid

Concen: 34.141 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG031905.D

Acq: 4 Jan 2018 00:45

Instrument :

BNA_G

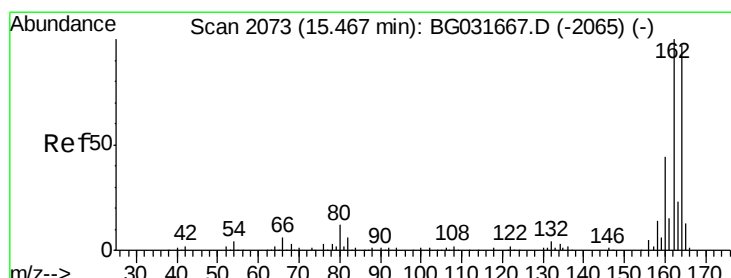
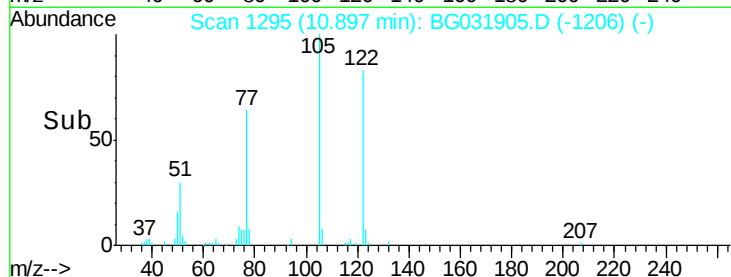
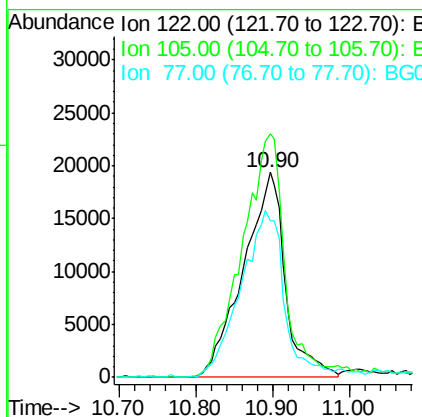
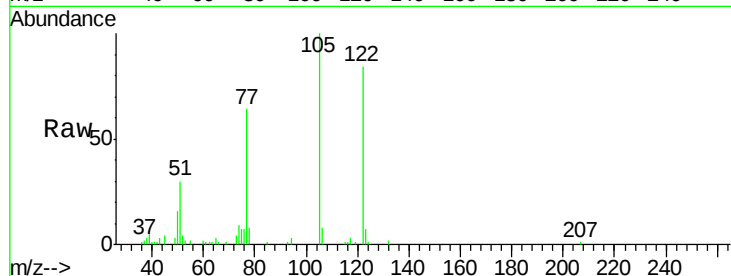
ClientSampleId :

OWS-2

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.7	123.5	163.5#
77	76.4	85.7	125.7#

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

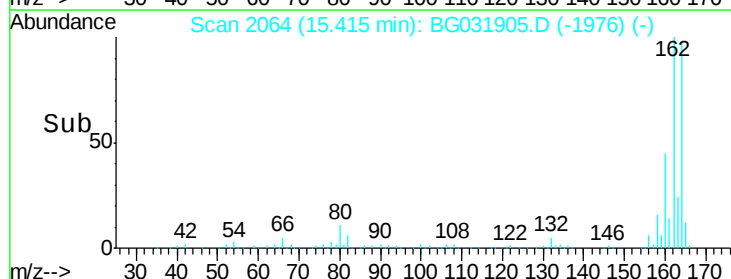
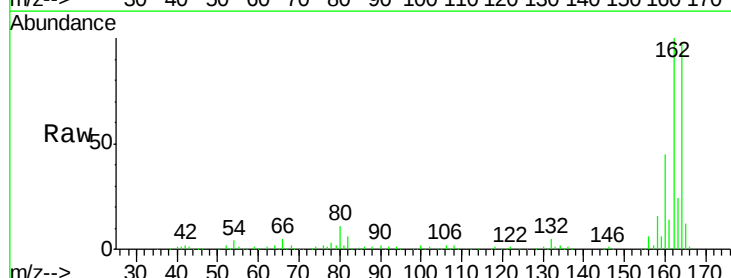
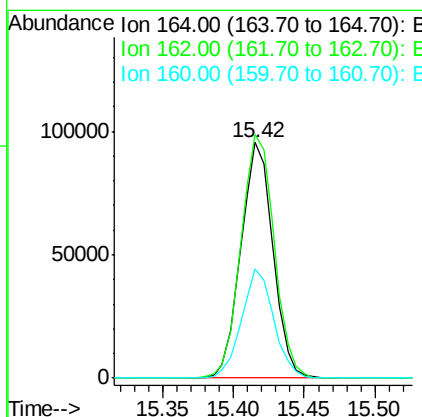
RT: 15.42 min Scan# 2064

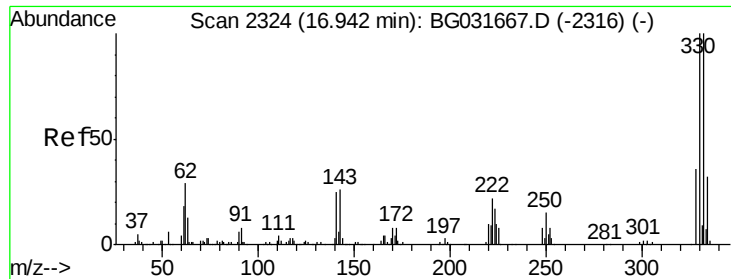
Delta R.T. -0.01 min

Lab File: BG031905.D

Acq: 4 Jan 2018 00:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	46.2	35.4	53.0





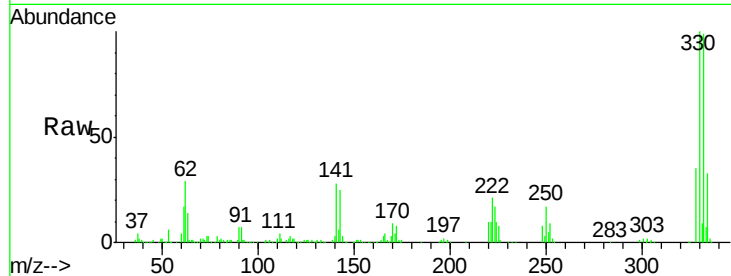
#41
 2,4,6-Tribromophenol
 Concen: 163.119 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031905.D
 Acq: 4 Jan 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	378286		
332	96.9	77.0	115.6	
141	26.0	25.2	37.8	

Manual Integrations
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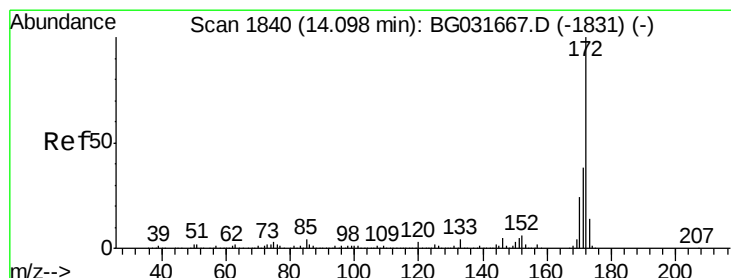
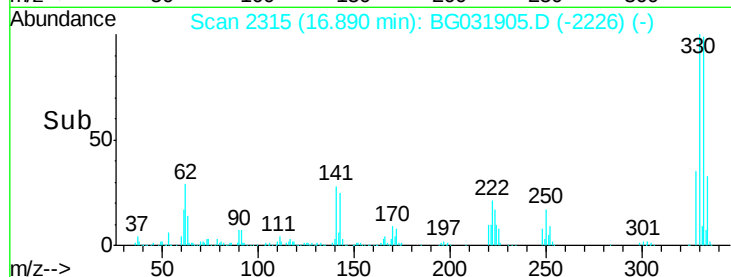
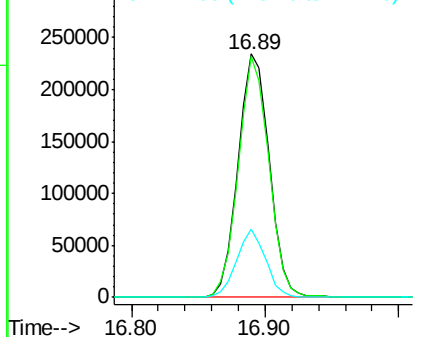


Abundance

Ion 329.80 (329.50 to 330.50): E

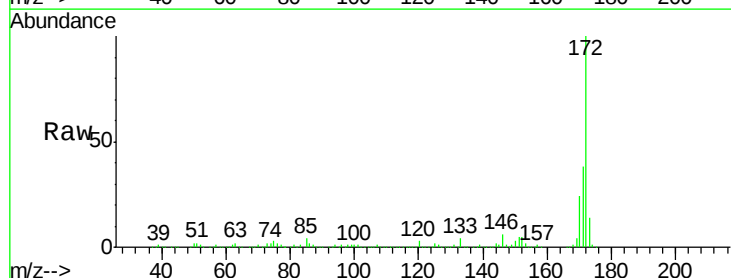
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.615 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031905.D
 Acq: 4 Jan 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1145695		
171	38.1	30.0	45.0	
170	24.2	19.5	29.3	

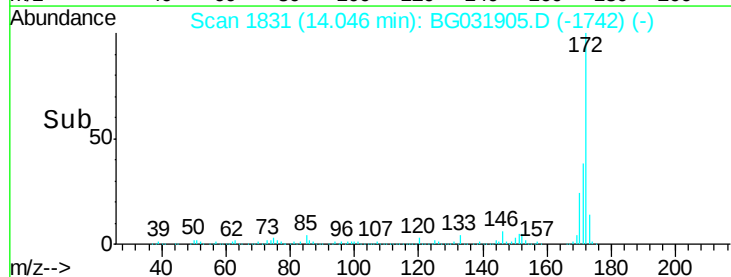
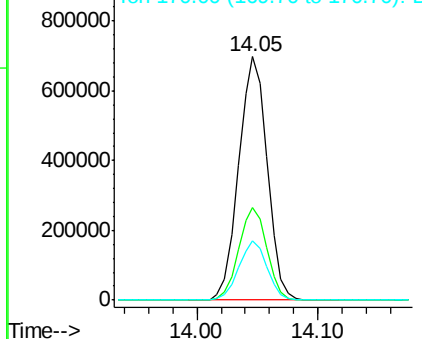


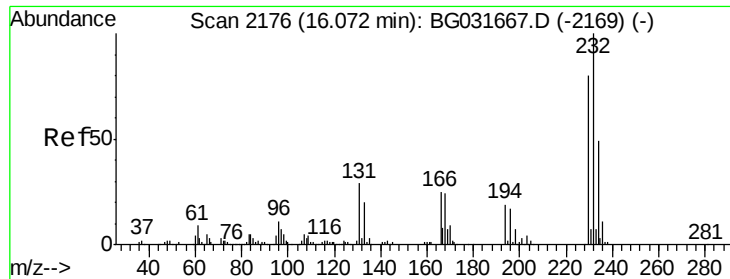
Abundance

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





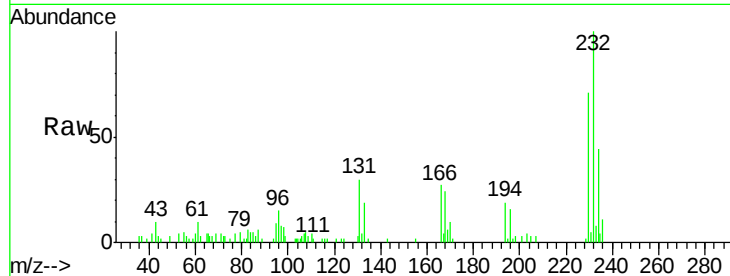
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.500 ng m
 RT: 16.02 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG031905.D
 Acq: 4 Jan 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.0	33.5	50.3#
130	2.1	2.2	3.2#
166	26.5	24.8	37.2

Manual Integrations
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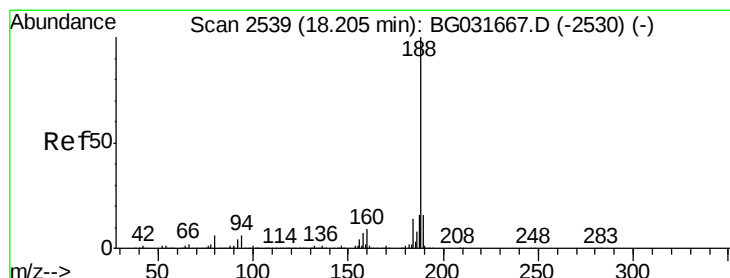
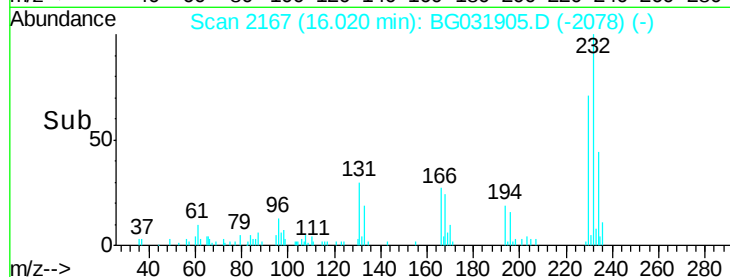
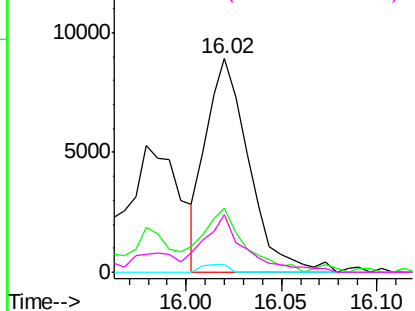


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



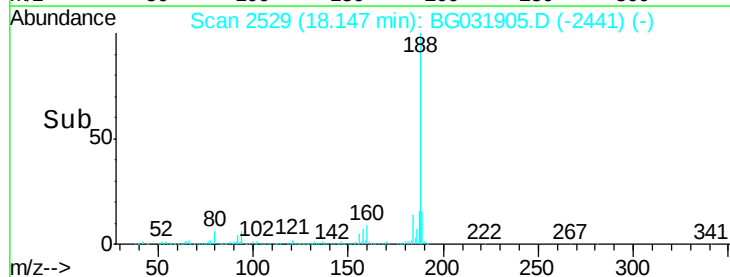
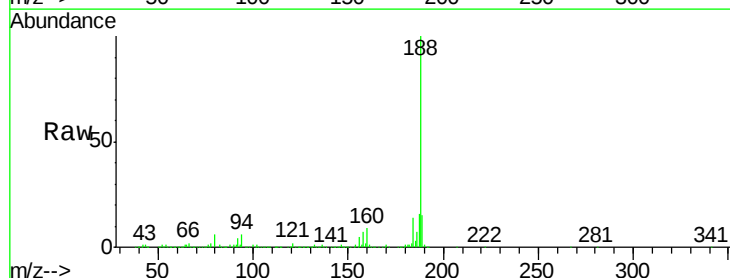
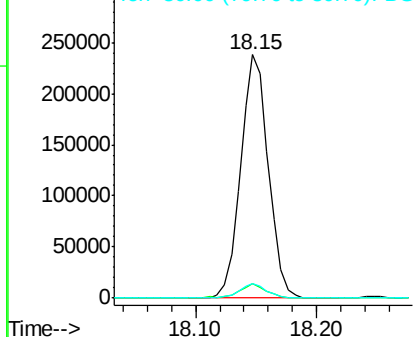
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031905.D
 Acq: 4 Jan 2018 00:45

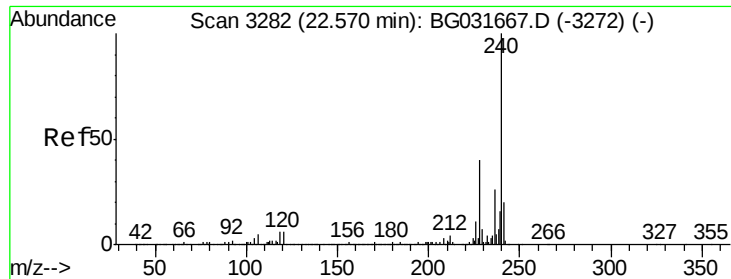
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.1	7.7	11.5#

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





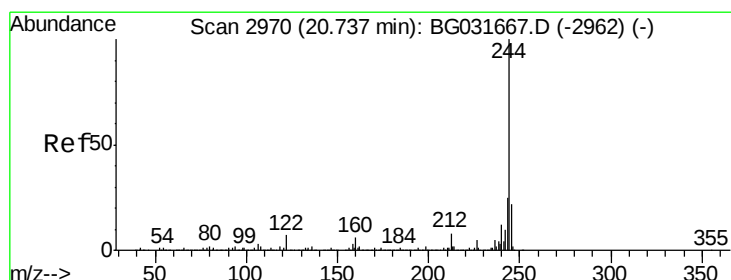
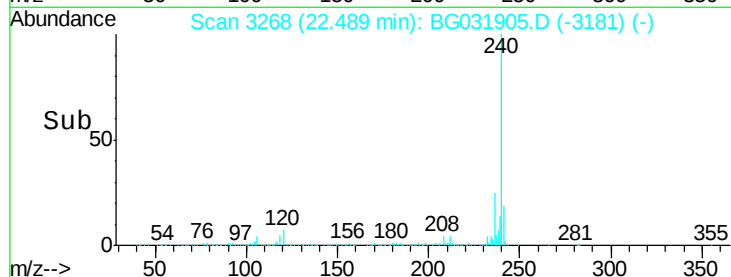
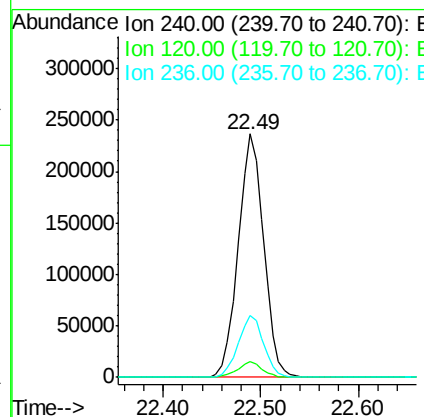
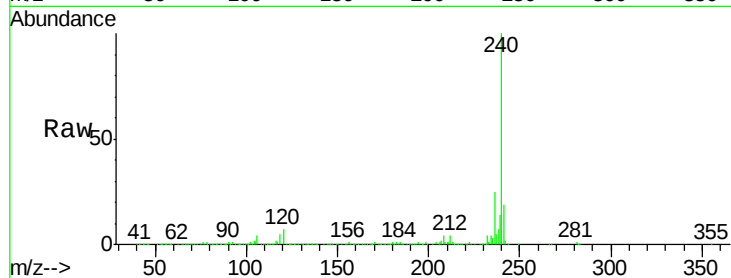
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031905.D
Acq: 4 Jan 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.8	10.2#
236	25.2	20.9	31.3

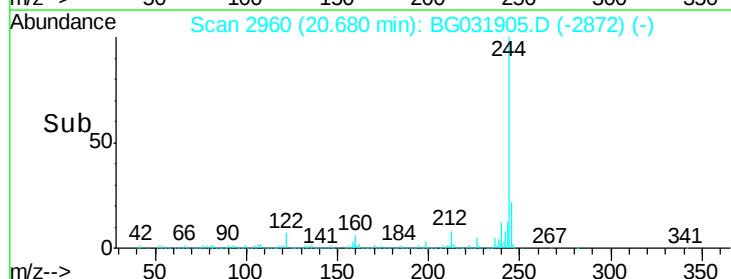
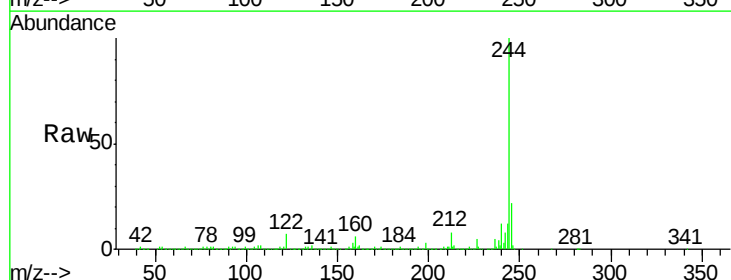
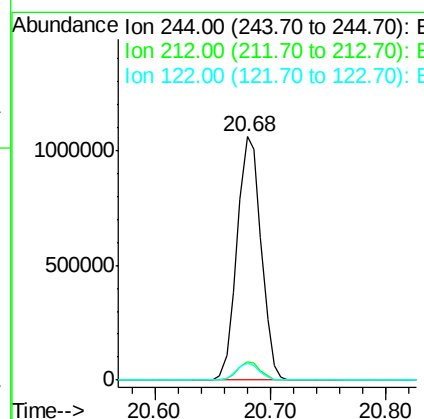
Manual Integrations
APPROVED

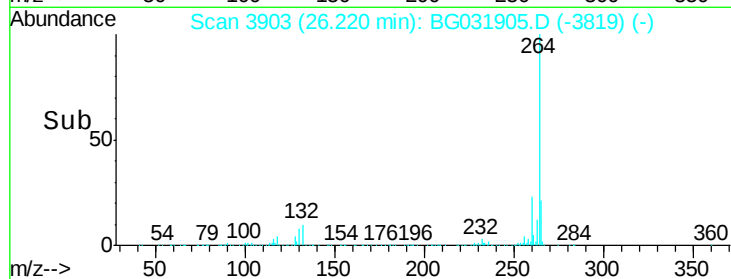
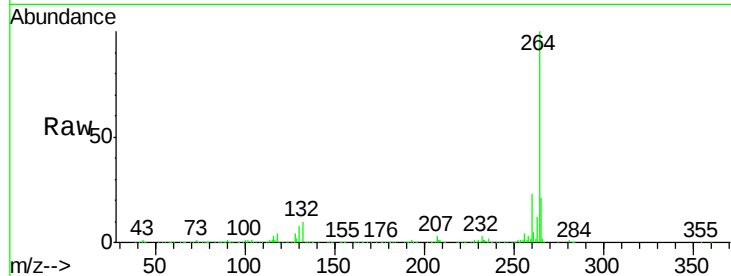
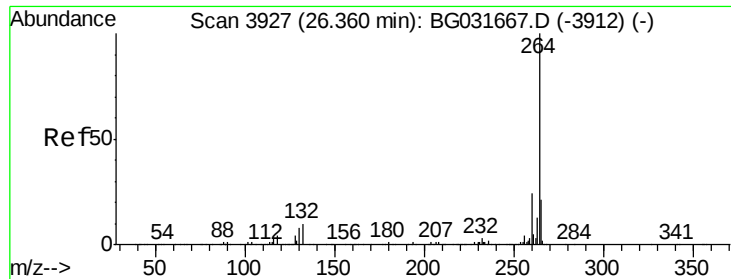
Sohil
1/4/2018 1:52:52 PM



#78
Terphenyl-d14
Concen: 81.862 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BG031905.D
Acq: 4 Jan 2018 00:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.22 min Scan# 3903
Delta R.T. -0.03 min
Lab File: BG031905.D
Acq: 4 Jan 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.2	17.4	26.0
265	21.3	17.7	26.5

Manual Integrations
APPROVED

Sohil
1/4/2018 1:52:52 PM

