

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
 Data File : BG032430.D
 Acq On : 30 Jan 2018 00:58
 Operator : SJ/JU
 Sample : J1022-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-012618

Manual Integrations
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Quant Time: Jan 30 05:51:37 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	28401	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	118781	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	90636	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	249079	20.00	ng	0.00
75) Chrysene-d12	22.42	240	301811	20.00	ng	0.00
86) Perylene-d12	26.10	264	317930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	216415	153.05	ng	0.00
7) Phenol-d6	7.84	99	249224	132.08	ng	0.00
23) Nitrobenzene-d5	9.92	82	197678	103.95	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	270190	156.61	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	738201	96.80	ng	0.00
78) Terphenyl-d14	20.63	244	1496770	106.23	ng	0.00
Target Compounds						
31) Naphthalene	11.66	128	30129	5.193	ng	Qvalue 96
32) Benzoic acid	10.80	122	7618m	12.713	ng	
58) 2,3,4,6-Tetrachlorophenol	15.97	232	6390	2.410	ng	# 74
76) Benzidine	20.26	184	14573	2.459	ng	# 95

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

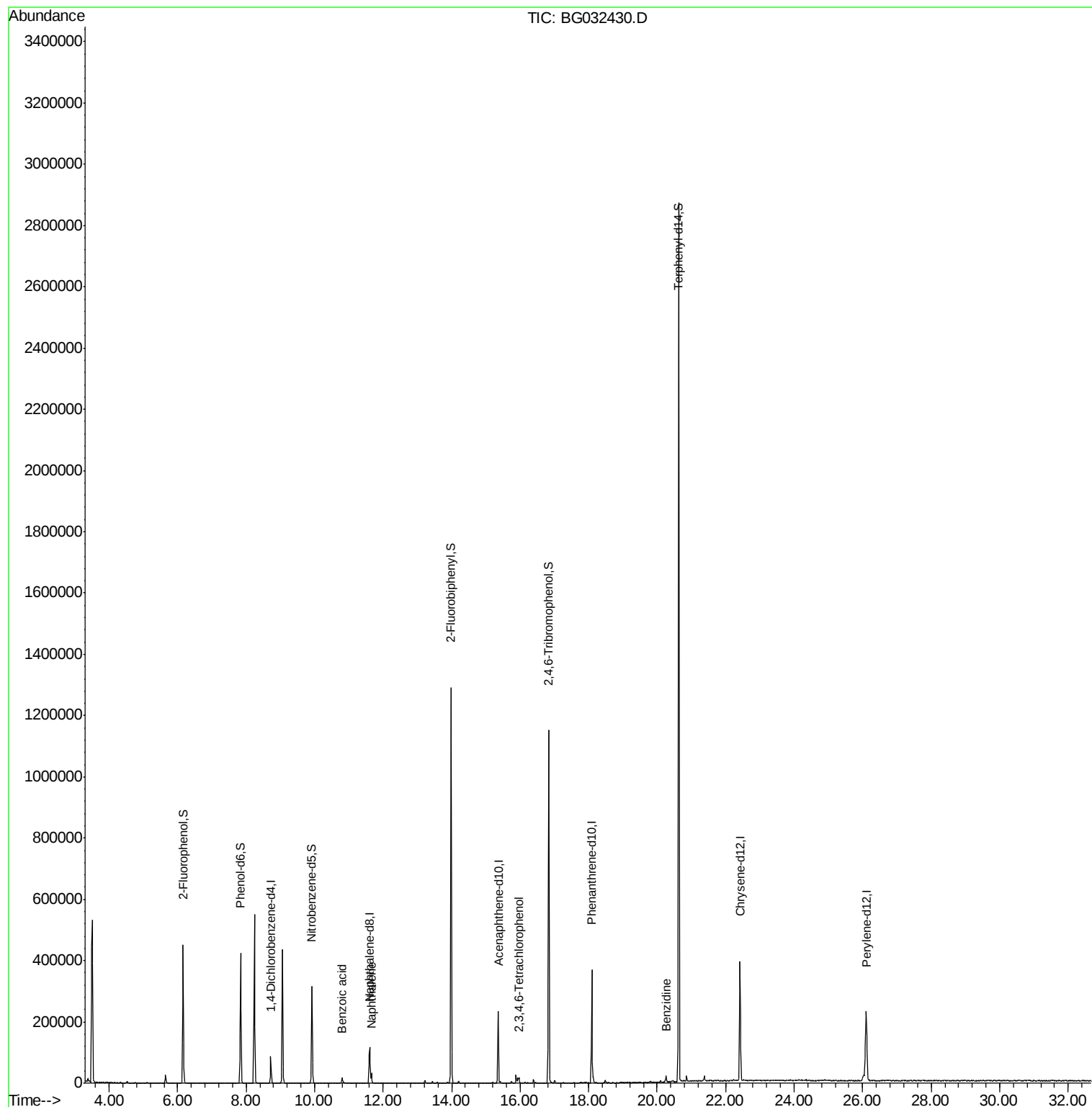
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032430.D
Acq On : 30 Jan 2018 00:58
Operator : SJ/JU
Sample : J1022-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

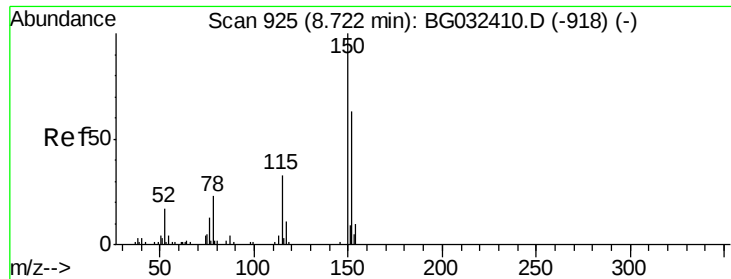
Instrument :
BNA_G
ClientSampleId :
SU-03-012618

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Quant Time: Jan 30 05:51:37 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration





#1

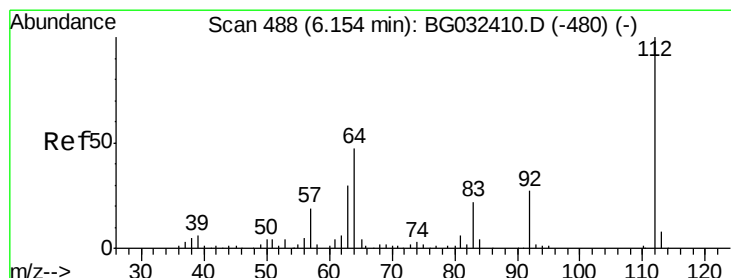
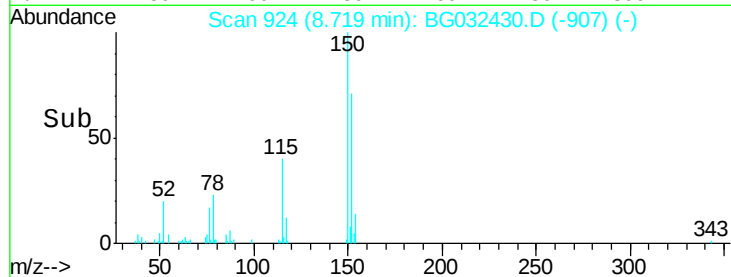
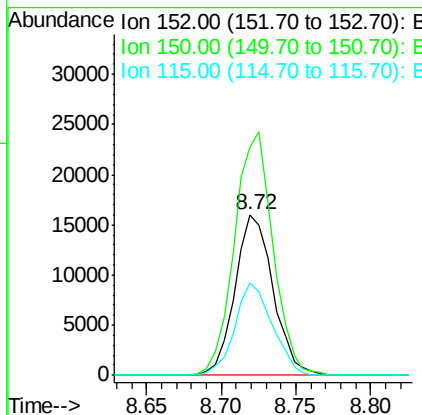
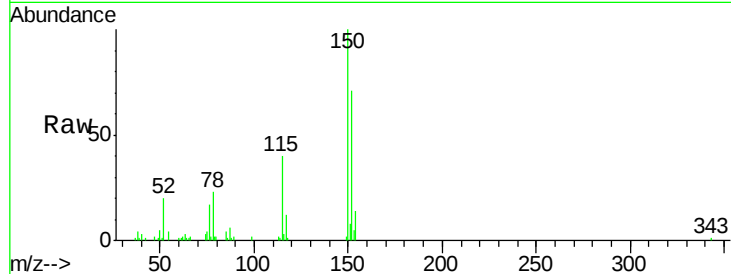
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032430.D
Acq: 30 Jan 2018 00:58

Instrument :
BNA_G
ClientSampleId :
SU-03-012618

Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.7	126.6	189.8
115	57.3	53.0	79.4

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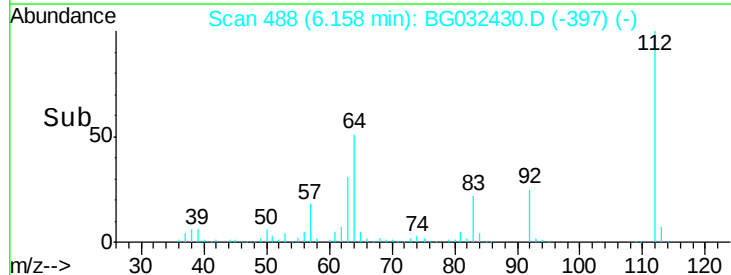
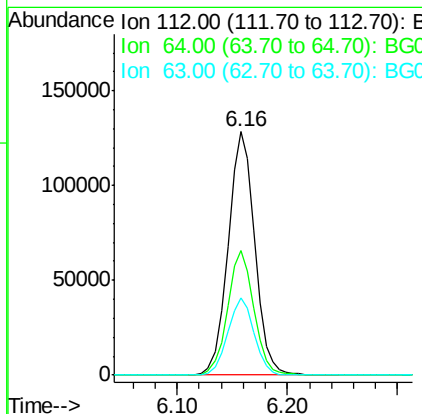
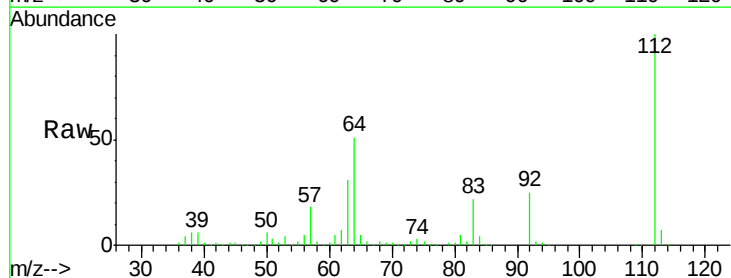
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#5

2-Fluorophenol
Concen: 153.052 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032430.D
Acq: 30 Jan 2018 00:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	56.3	84.5#
63	31.5	30.1	45.1





#7

Phenol-d6

Concen: 132.084 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032430.D

Acq: 30 Jan 2018 00:58

Instrument :

BNA_G

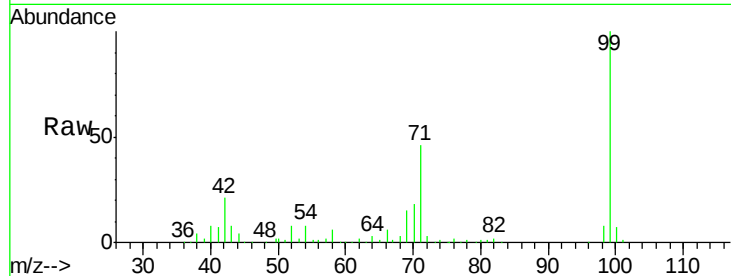
ClientSampleId :

SU-03-012618

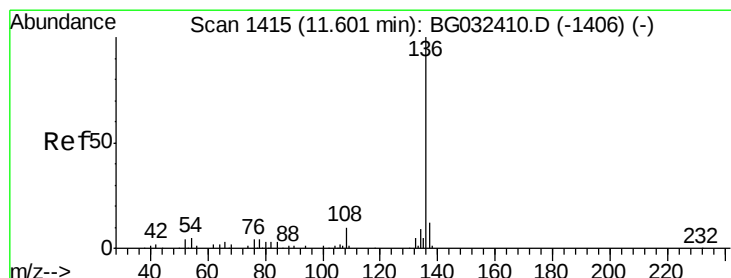
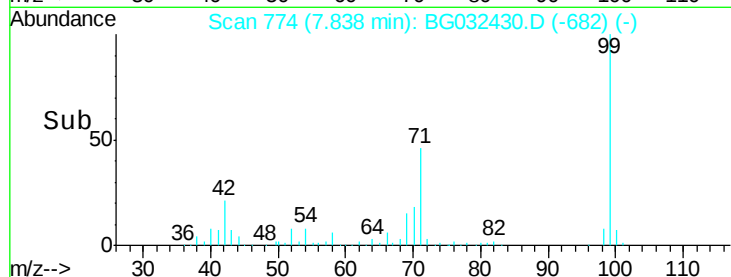
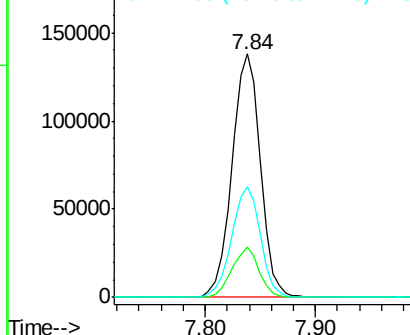
Tgt Ion	Ratio	Resp	Lower	Upper
99	100	249224		
42	20.5	14.1	21.1	
71	45.6	26.1	39.1#	

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1414

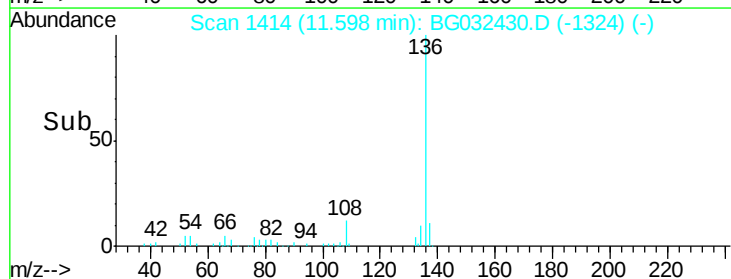
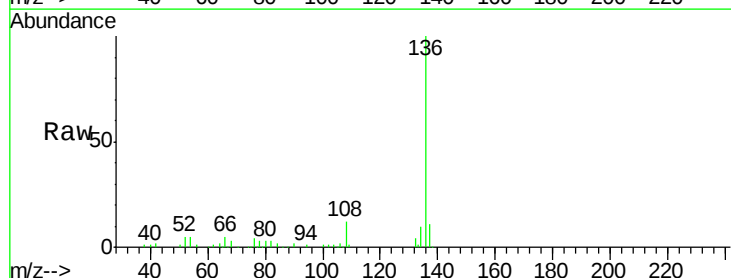
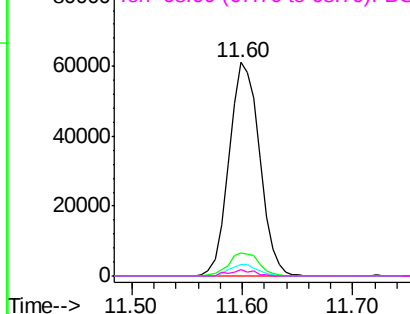
Delta R.T. -0.00 min

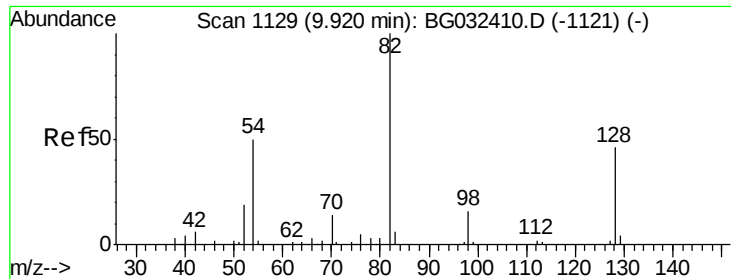
Lab File: BG032430.D

Acq: 30 Jan 2018 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	118781		
137	10.8	9.2	13.8	
54	5.3	10.3	15.5#	
68	3.1	4.5	6.7#	

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





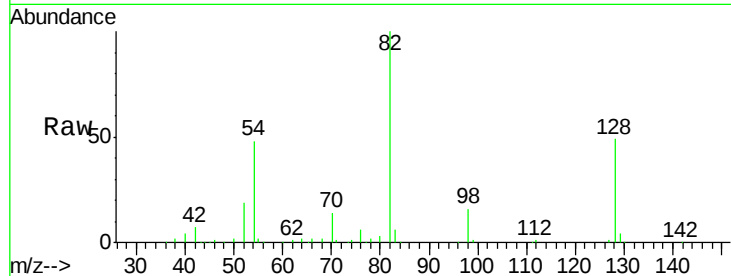
#23
 Nitrobenzene-d5
 Concen: 103.948 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032430.D
 Acq: 30 Jan 2018 00:58

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-012618

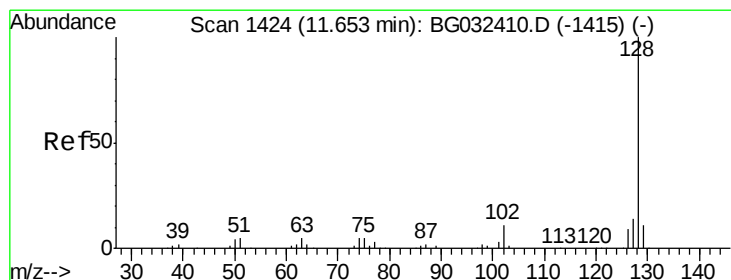
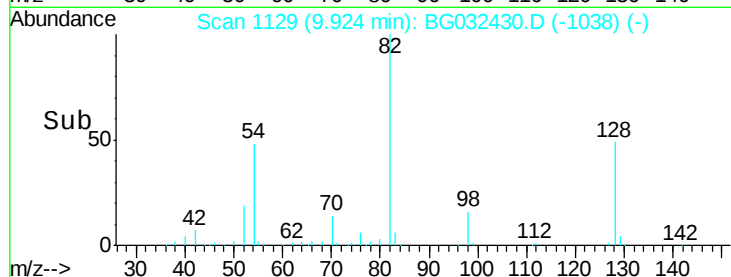
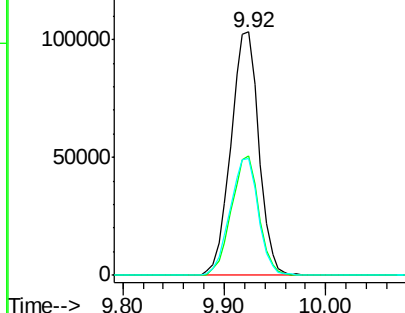
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	29.7	44.5#
54	48.0	43.1	64.7

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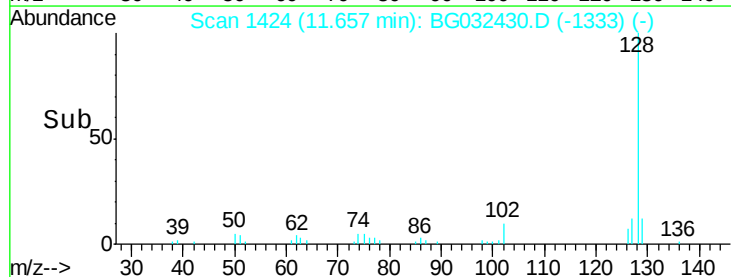
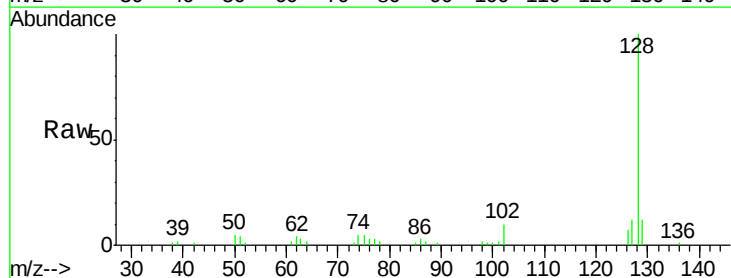
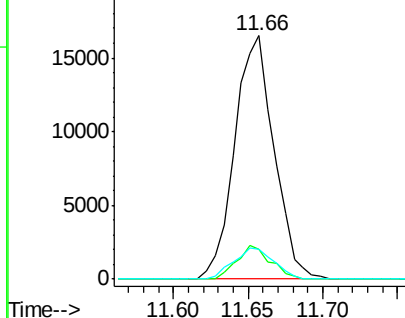
Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

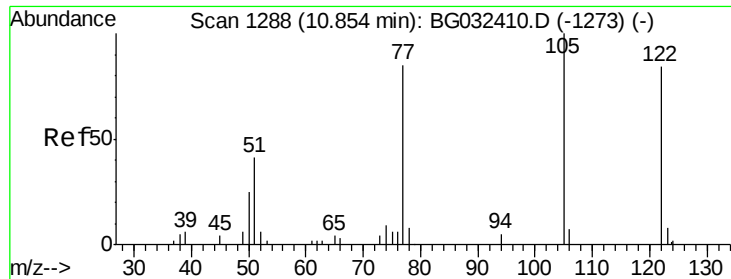


#31
 Naphthalene
 Concen: 5.193 ng
 RT: 11.66 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BG032430.D
 Acq: 30 Jan 2018 00:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	12.5	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





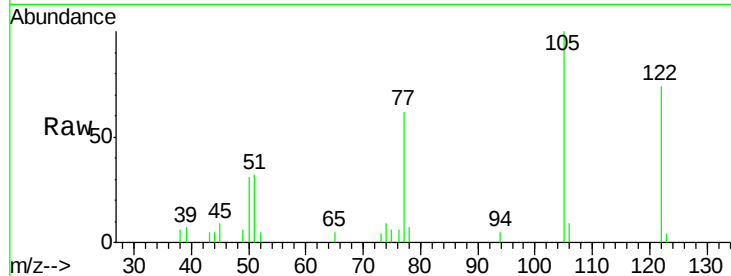
#32
Benzoic acid
Concen: 12.713 ng m
RT: 10.80 min Scan# 1278
Delta R.T. -0.06 min
Lab File: BG032430.D
Acq: 30 Jan 2018 00:58

Instrument :
BNA_G
ClientSampleId :
SU-03-012618

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.8	123.5	163.5
77	83.5	85.7	125.7

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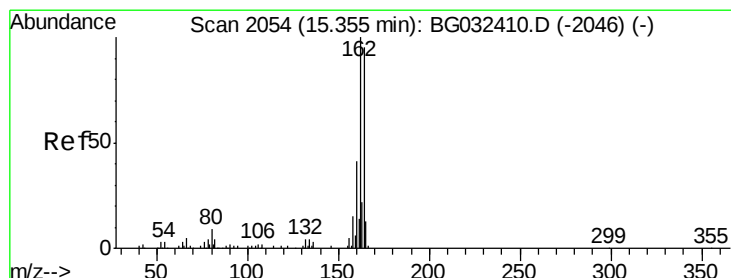
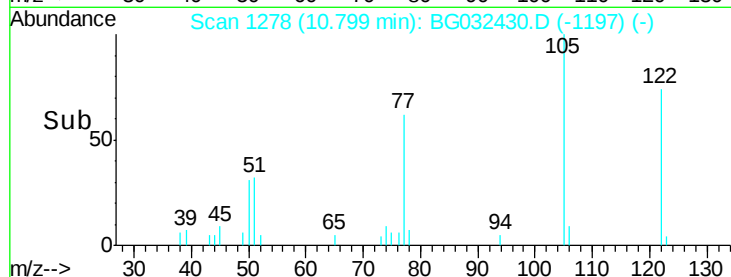
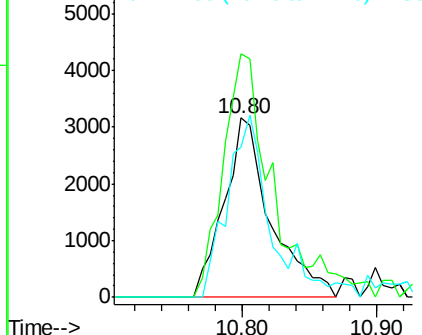


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG032430.D
Acq: 30 Jan 2018 00:58

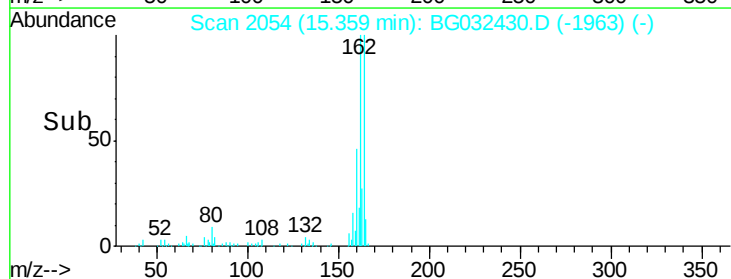
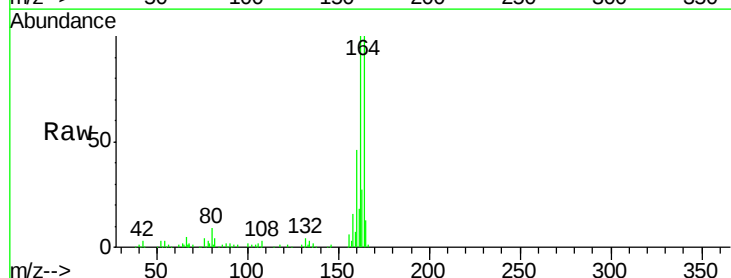
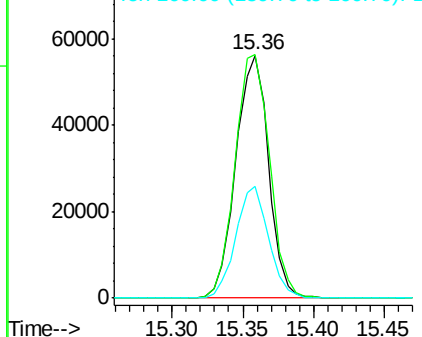
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	46.2	35.4	53.0

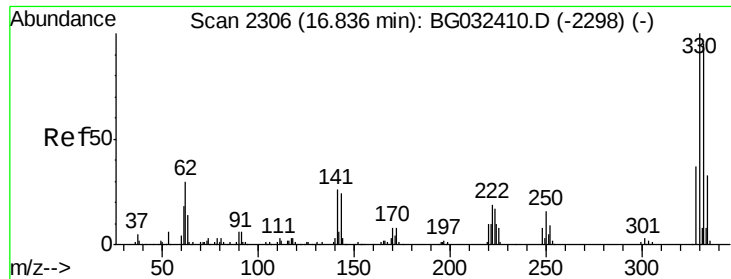
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





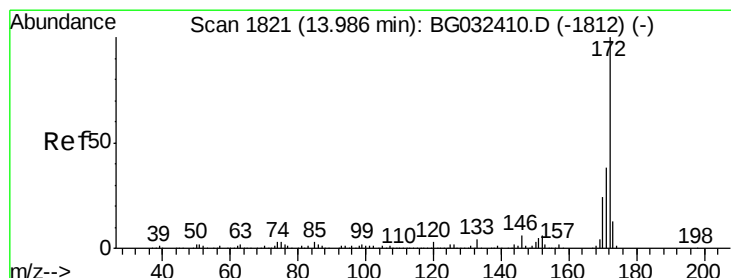
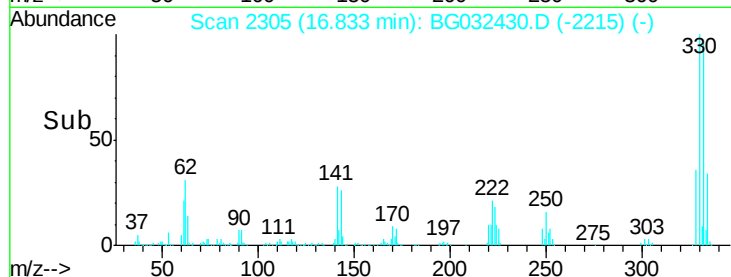
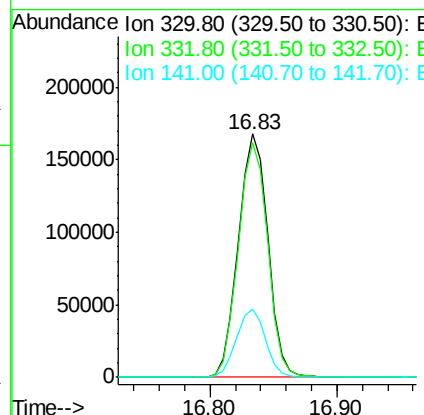
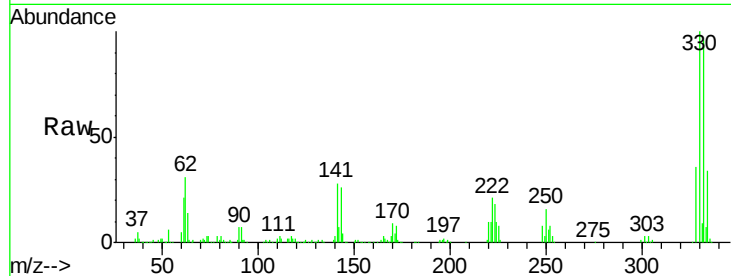
#41
 2,4,6-Tribromophenol
 Concen: 156.608 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032430.D
 Acq: 30 Jan 2018 00:58

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-012618

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	270190		
332	96.3	77.0	115.6	
141	27.9	25.2	37.8	

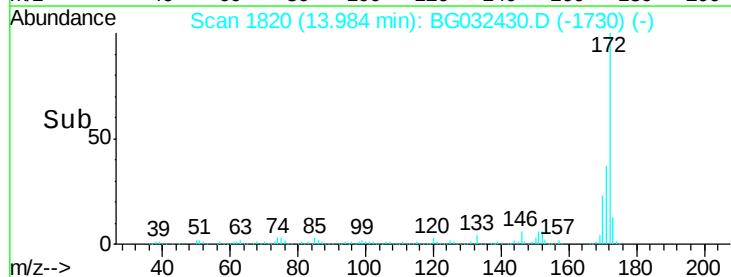
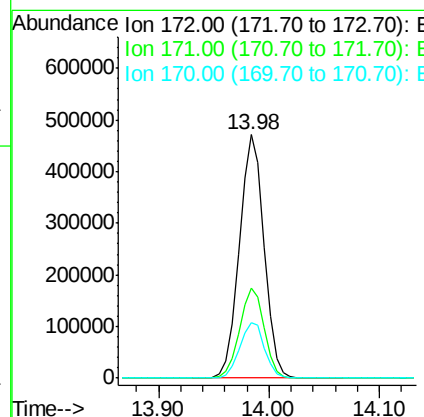
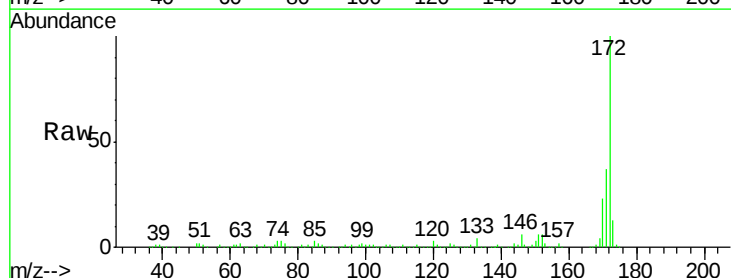
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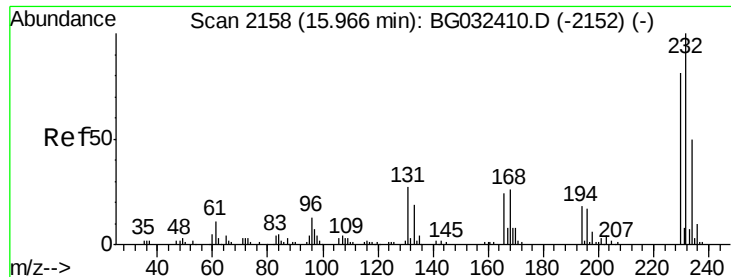
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#44
 2-Fluorobiphenyl
 Concen: 96.805 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032430.D
 Acq: 30 Jan 2018 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	738201		
171	37.1	30.0	45.0	
170	23.0	19.5	29.3	





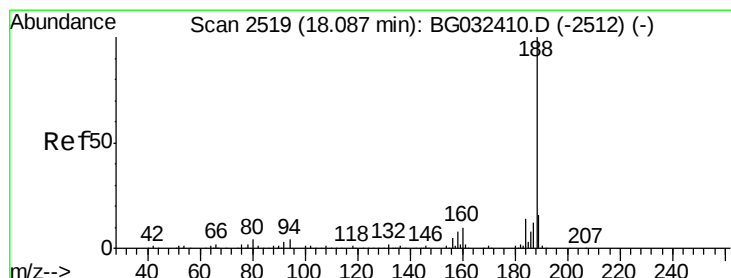
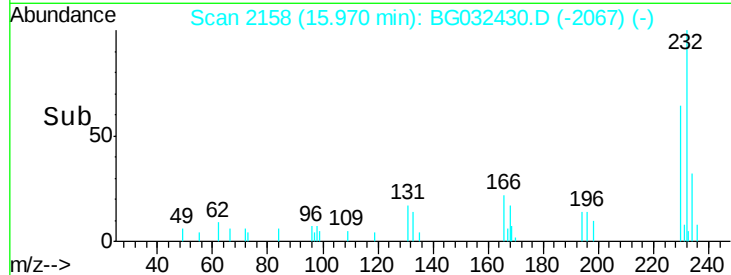
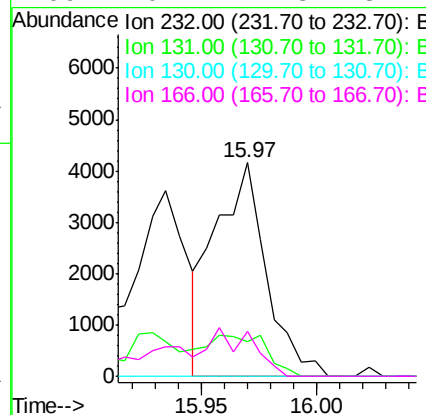
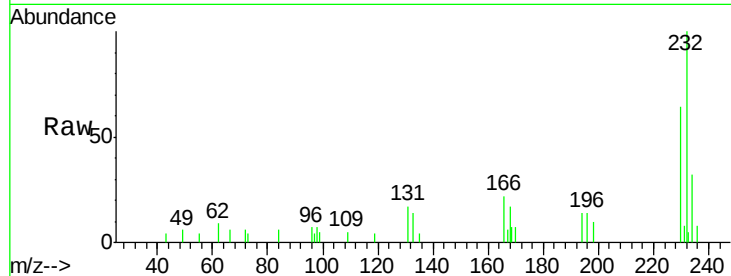
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.410 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG032430.D
 Acq: 30 Jan 2018 00:58

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-012618

Tgt Ion	Ratio	Lower	Upper
232	100		
131	22.3	33.5	50.3#
130	0.0	2.2	3.2#
166	19.1	24.8	37.2#

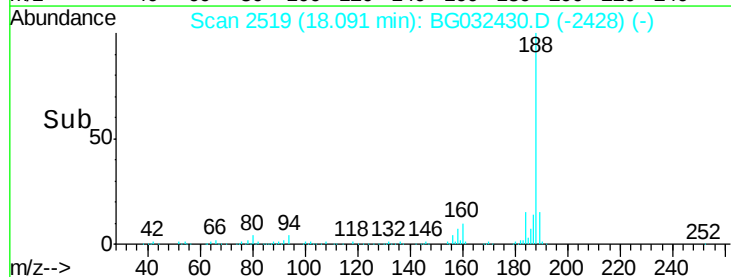
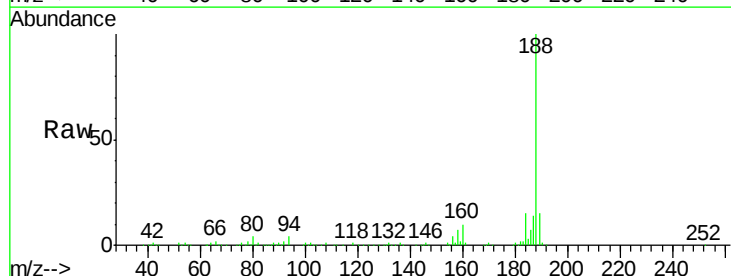
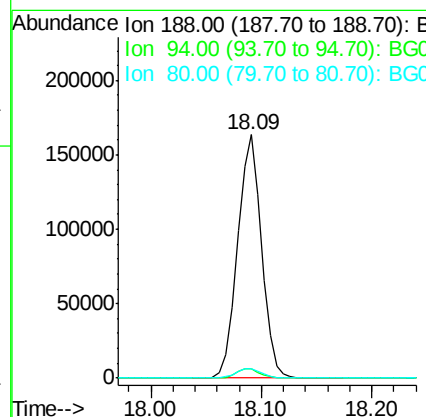
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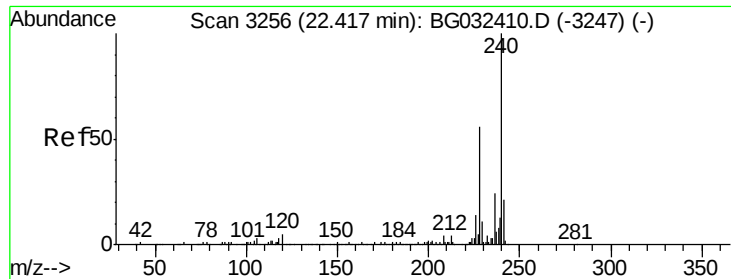
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG032430.D
 Acq: 30 Jan 2018 00:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.6	6.9	10.3#
80	3.9	7.7	11.5#





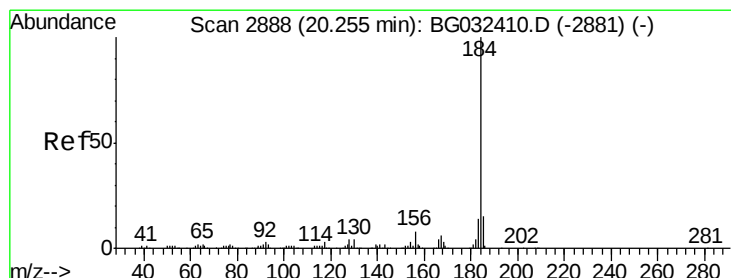
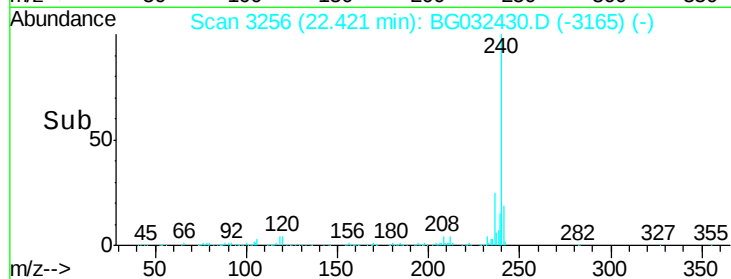
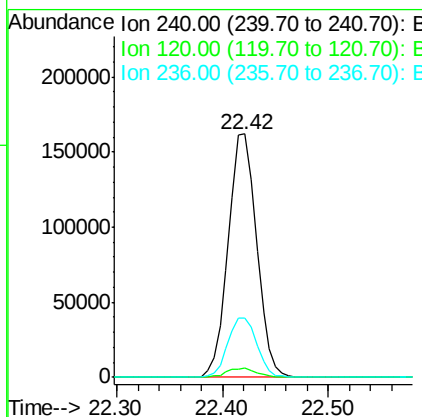
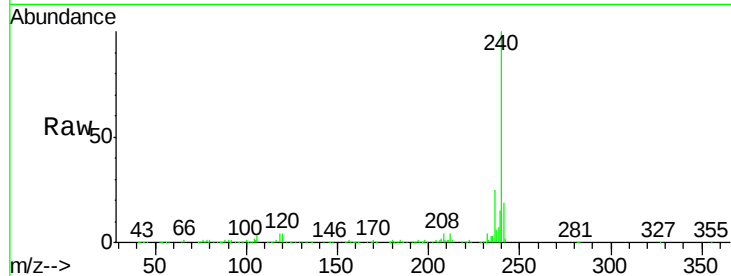
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BG032430.D
Acq: 30 Jan 2018 00:58

Instrument :
BNA_G
ClientSampleId :
SU-03-012618

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	301811		
120	4.0	6.8	10.2#	
236	24.5	20.9	31.3	

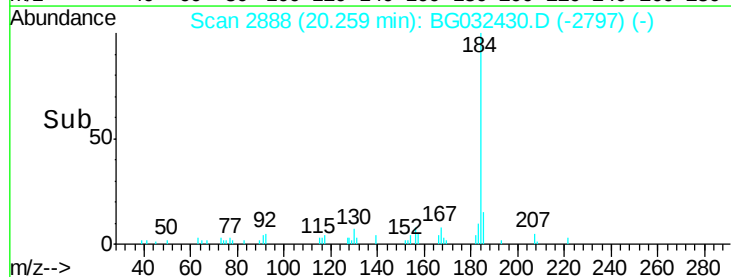
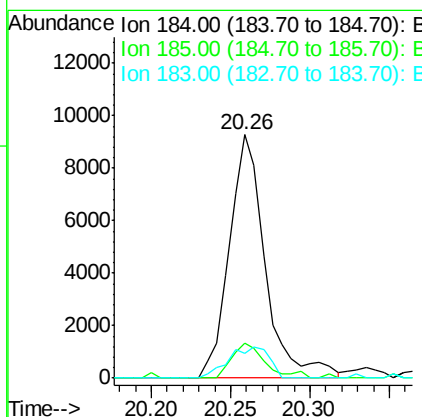
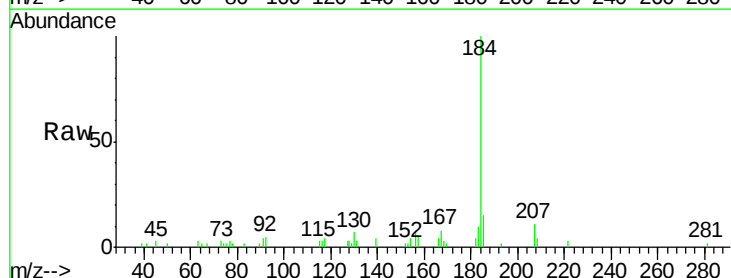
Manual Integrations
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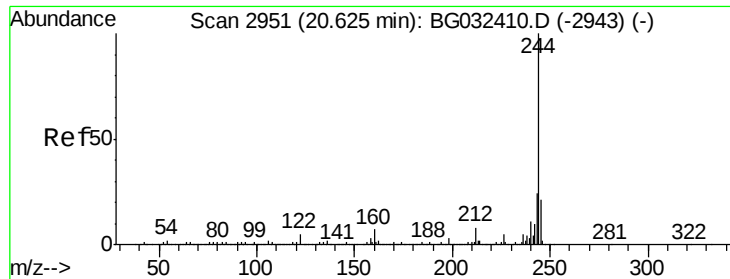
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#76
Benzidine
Concen: 2.459 ng
RT: 20.26 min Scan# 2888
Delta R.T. 0.00 min
Lab File: BG032430.D
Acq: 30 Jan 2018 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	14573		
185	14.6	11.1	16.7	
183	10.2	10.6	16.0#	





#78

Terphenyl-d14

Concen: 106.232 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BG032430.D

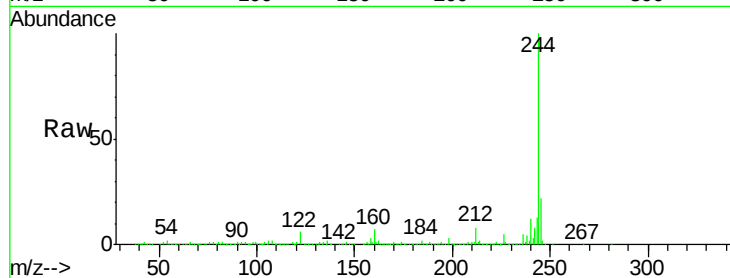
Acq: 30 Jan 2018 00:58

Instrument :

BNA_G

ClientSampleId :

SU-03-012618



Tgt Ion:244 Resp: 1496770

Ion Ratio Lower Upper

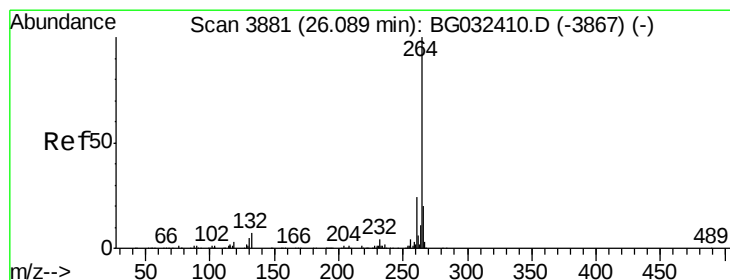
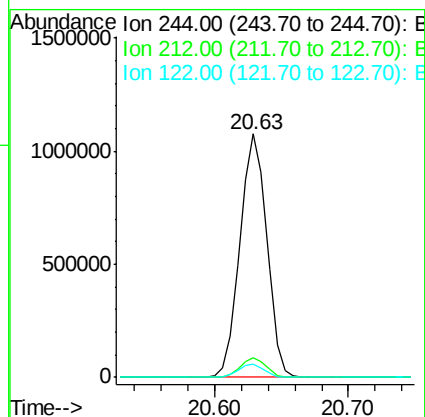
244 100

212 7.9 5.8 8.8

122 5.7 7.0 10.4#

Manual Integrations
APPROVED

Sohil
1/30/2018 6:23:07 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.10 min Scan# 3882

Delta R.T. 0.01 min

Lab File: BG032430.D

Acq: 30 Jan 2018 00:58

Tgt Ion:264 Resp: 317930

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.1 17.7 26.5

