

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038812.D
 Acq On : 22 Dec 2018 11:18
 Operator : JU/SJ
 Sample : J6505-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-59(0-23)-COMP

Manual Integrations
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Sohil
 12/26/2018 3:17:38 PM

Quant Time: Dec 24 04:31:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27418	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	115948	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79240	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	174150	20.00	ng	0.00
76) Chrysene-d12	21.73	240	162615	20.00	ng	0.00
87) Perylene-d12	25.03	264	180109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	178848	115.70	ng	0.01
7) Phenol-d6	7.22	99	255573	120.43	ng	0.02
23) Nitrobenzene-d5	9.24	82	159419	70.24	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	137179	125.61	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	428676	74.21	ng	0.00
79) Terphenyl-d14	20.05	244	613461	82.10	ng	0.00
Target Compounds						
10) Phenol	7.25	94	16151	7.164	ng	87
50) Dimethylphthalate	14.14	163	43393	6.706	ng	# 95
75) Fluoranthene	19.50	202	59603	5.334	ng	98
78) Pyrene	19.86	202	56624	5.271	ng	96
81) Benzo(a)anthracene	21.71	228	31169	3.146	ng	98
83) Chrysene	21.78	228	29565m	3.098	ng	
84) Bis(2-ethylhexyl)phthalate	21.57	149	68990	11.590	ng	99
88) Benzo(b)fluoranthene	23.98	252	40303	4.076	ng	96
90) Benzo(a)pyrene	24.87	252	29767	3.120	ng	96

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

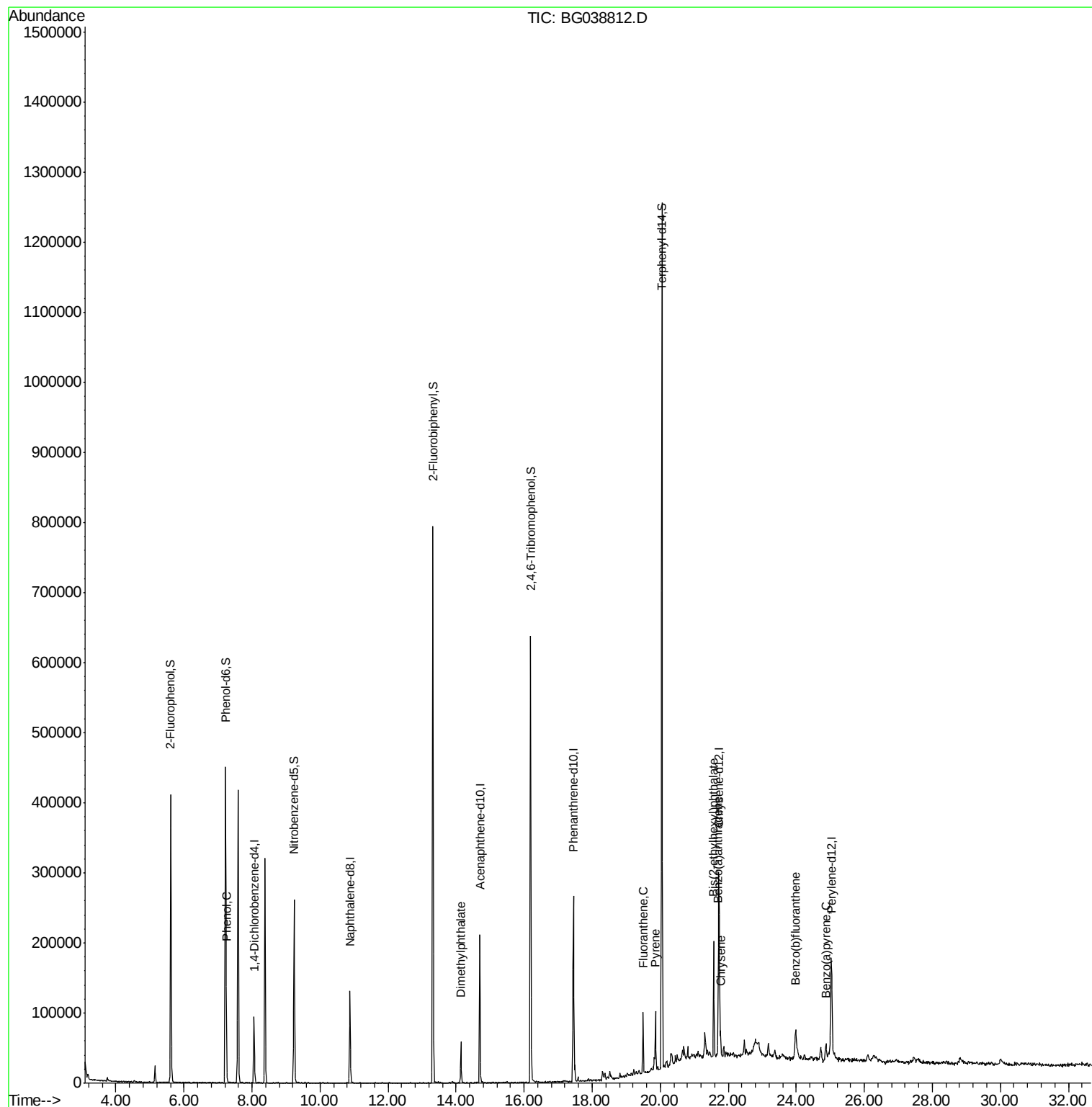
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038812.D
Acq On : 22 Dec 2018 11:18
Operator : JU/SJ
Sample : J6505-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-59(0-23)-COMP

Manual Integrations
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Quant Time: Dec 24 04:31:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration





#1

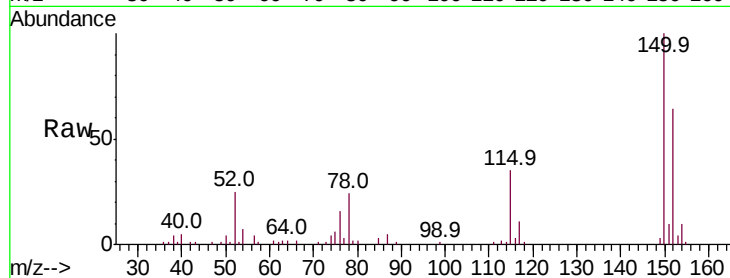
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

Instrument :
BNA_G
ClientSampleId :
SB-59(0-23)-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.5	179.3
115	54.2	49.6	74.4

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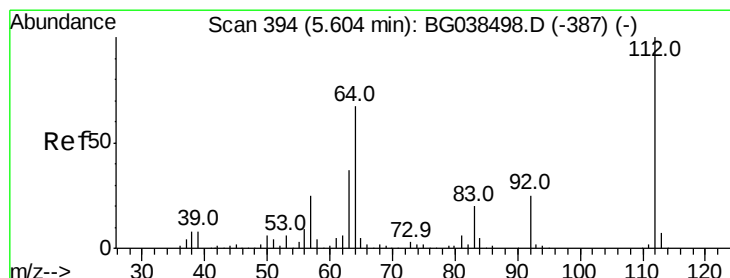
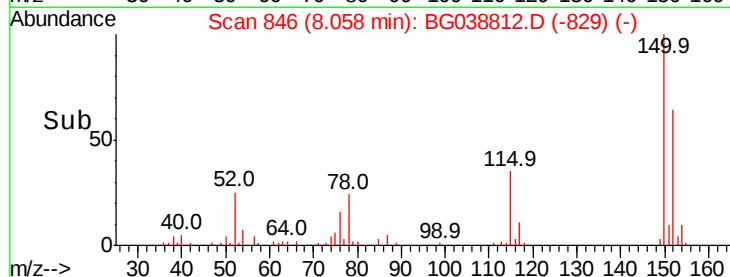
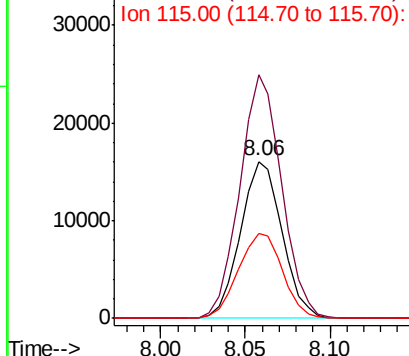


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

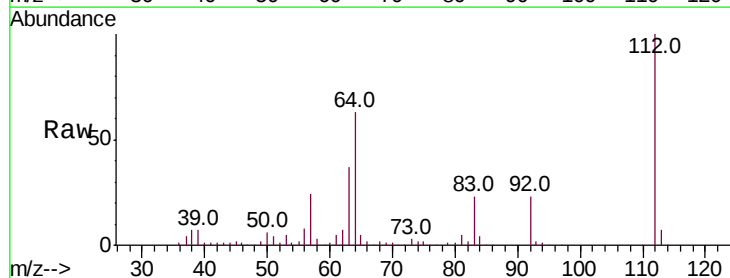
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.696 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	53.4	80.2
63	36.9	29.3	43.9

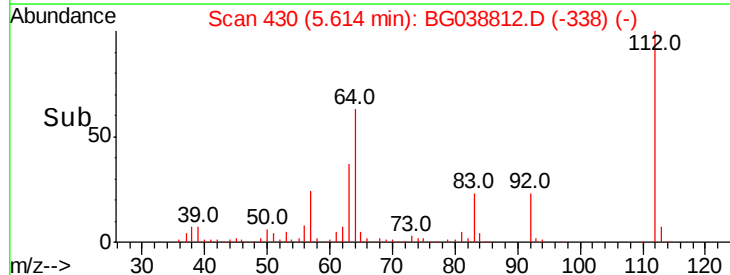
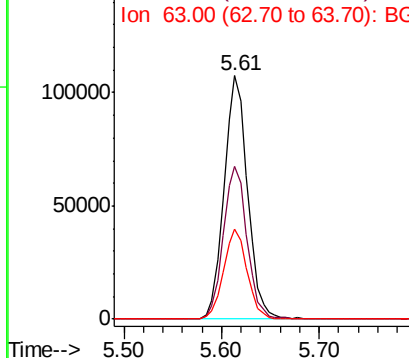


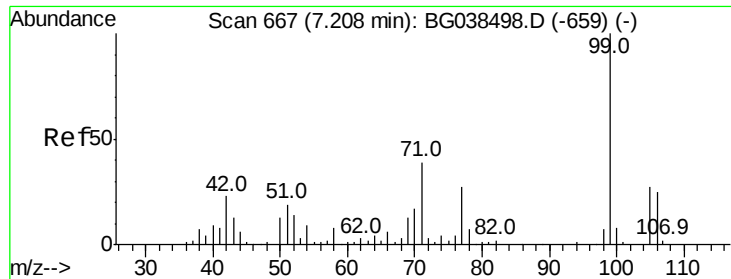
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 120.431 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG038812.D

Acq: 22 Dec 2018 11:18

Instrument :

BNA_G

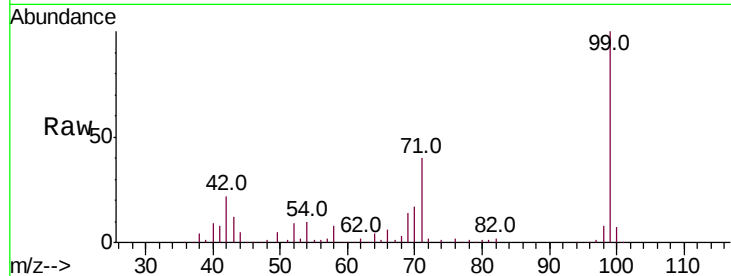
ClientSampleId :

SB-59(0-23)-COMP

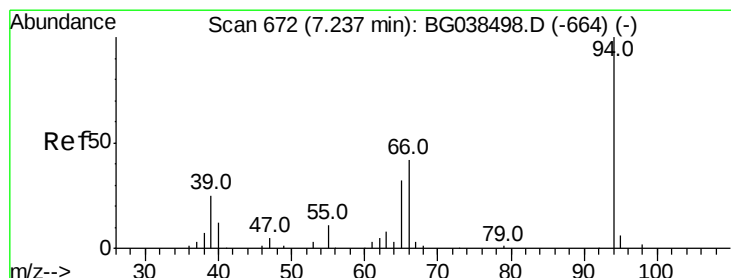
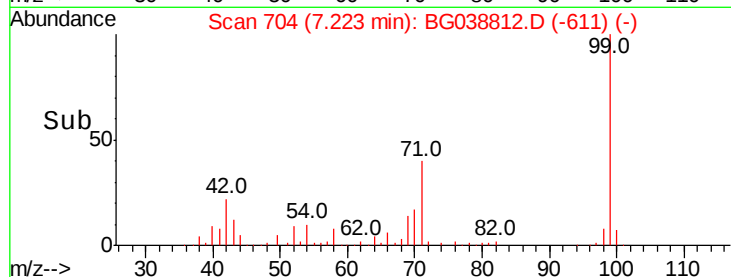
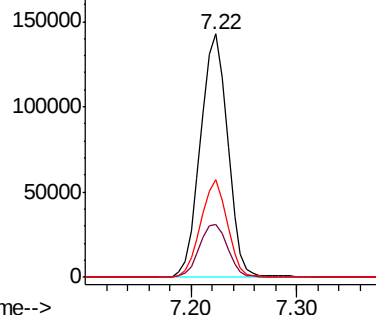
Tot Ion:	99	Resp:	255573
Ion Ratio	Lower	Upper	
99	100		
42	21.6	18.5	27.7
71	40.3	31.1	46.7

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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



#10

Phenol

Concen: 7.164 ng

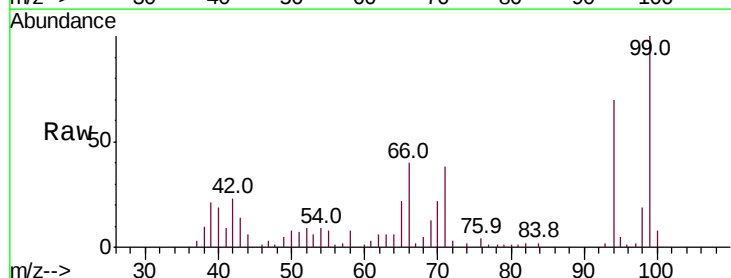
RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

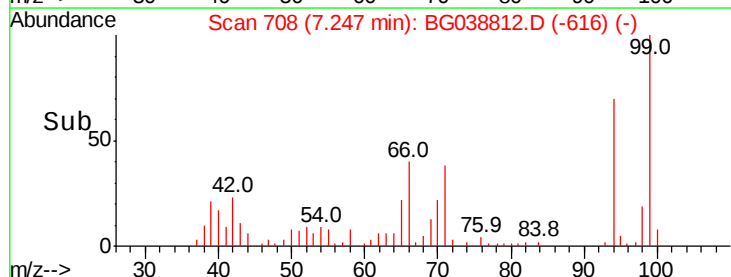
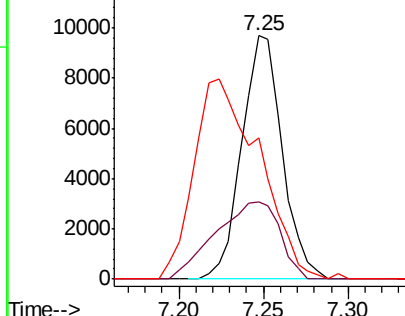
Lab File: BG038812.D

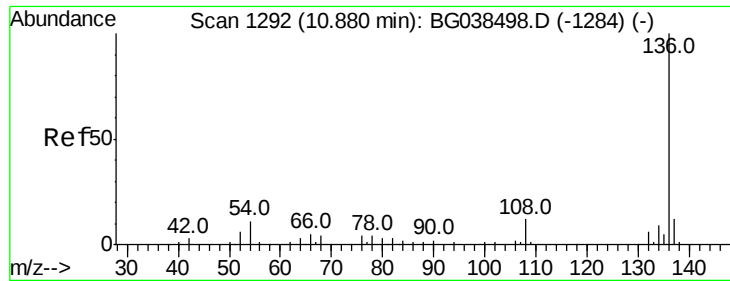
Acq: 22 Dec 2018 11:18

Tgt Ion:	94	Resp:	16151
Ion Ratio	Lower	Upper	
94	100		
65	31.9	12.6	52.6
66	57.8	24.1	64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





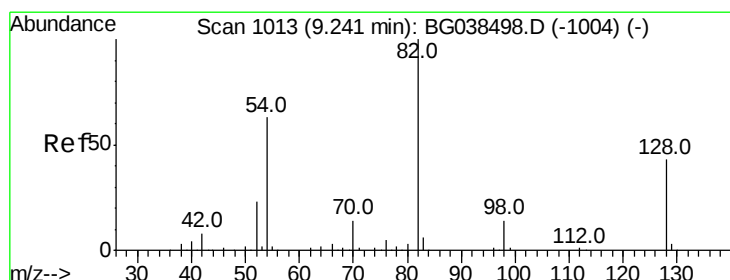
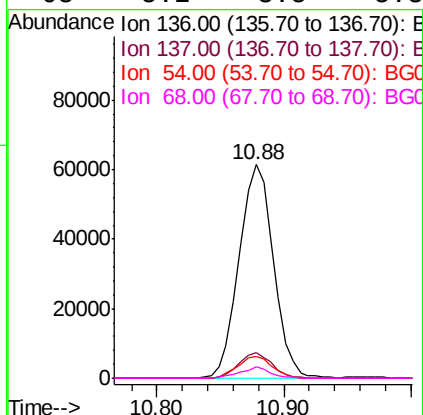
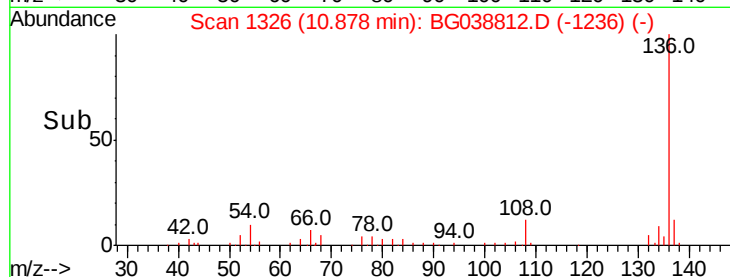
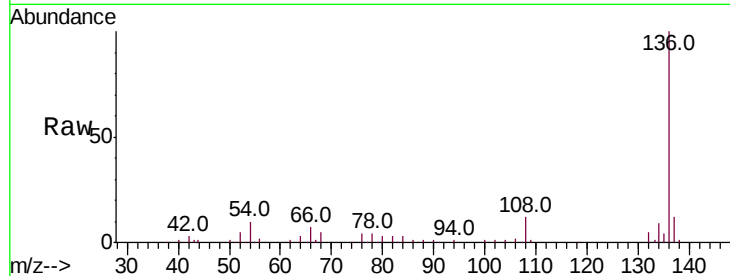
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

Instrument :
BNA_G
ClientSampleId :
SB-59(0-23)-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.8	9.3	13.9	
54	10.4	8.5	12.7	
68	5.2	3.5	5.3	

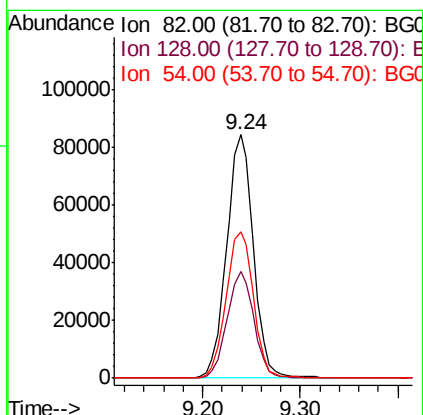
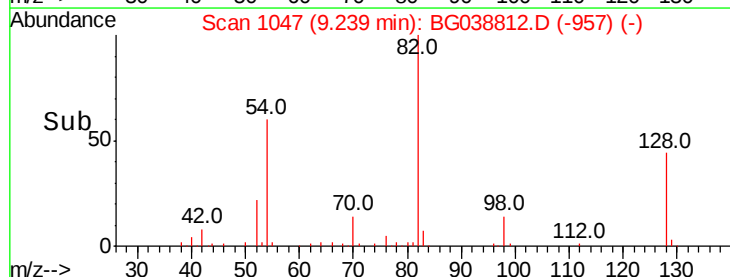
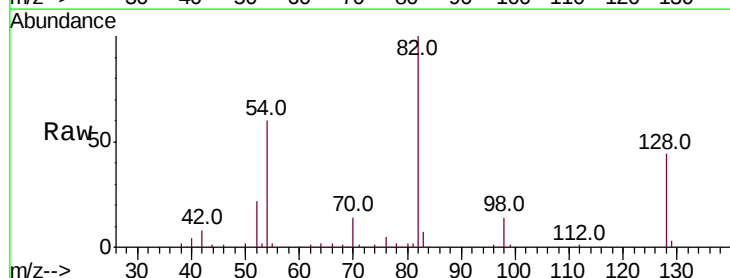
Manual Integrations
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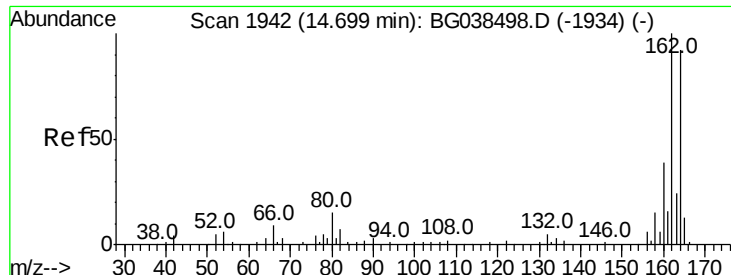
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#23
Nitrobenzene-d5
Concen: 70.241 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.9	34.6	52.0	
54	59.9	50.6	76.0	





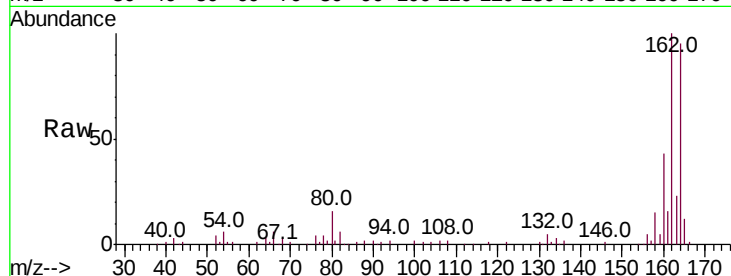
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

Instrument :
BNA_G
ClientSampleId :
SB-59(0-23)-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.6	130.0
160	45.6	34.2	51.2

Manual Integrations
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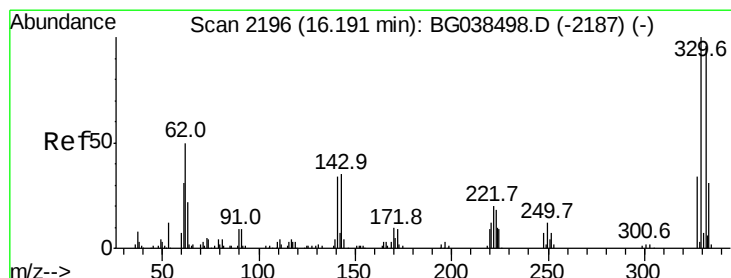
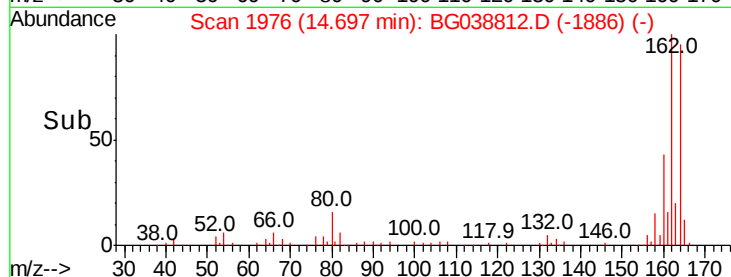
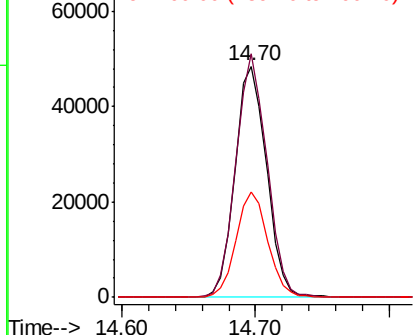


Abundance

Ion 164.00 (163.70 to 164.70): E

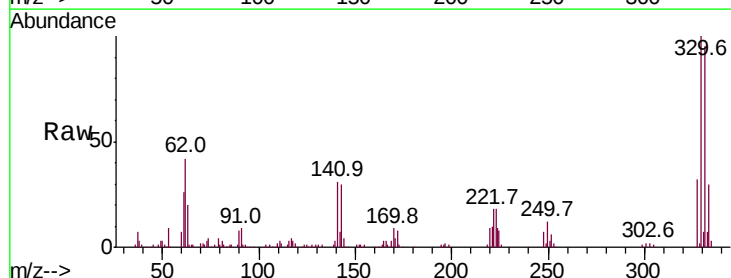
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 125.614 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	31.4	28.8	43.2

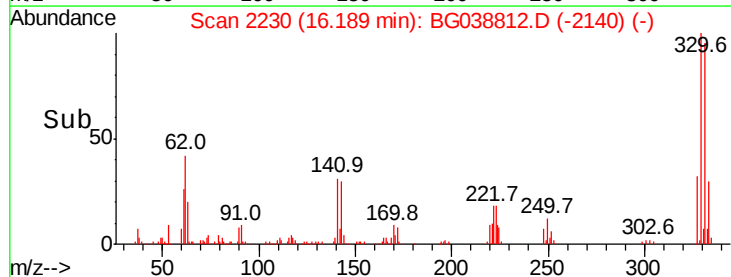
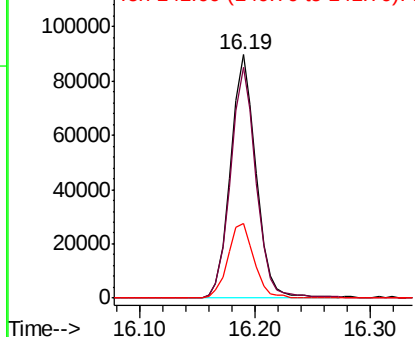


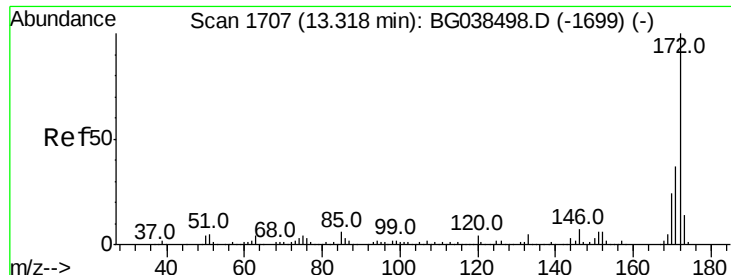
Abundance

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





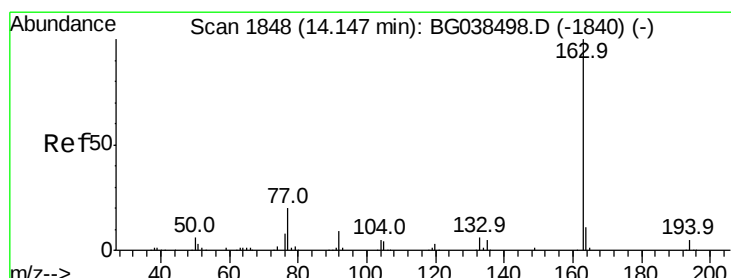
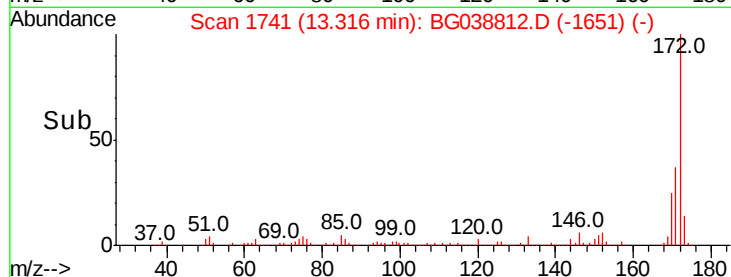
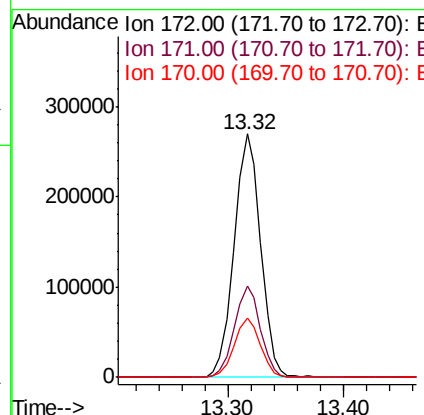
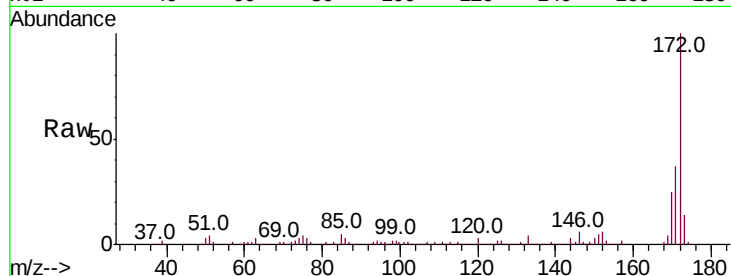
#45
2-Fluorobiphenyl
Concen: 74.215 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

Instrument :
BNA_G
ClientSampleId :
SB-59(0-23)-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100	428676		
171	37.3		29.8	44.6
170	24.6		19.5	29.3

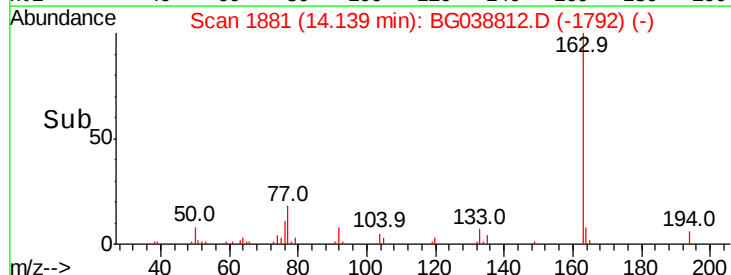
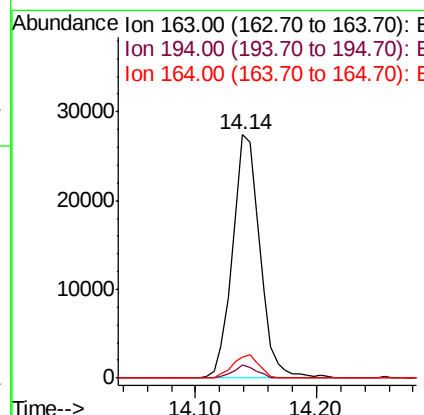
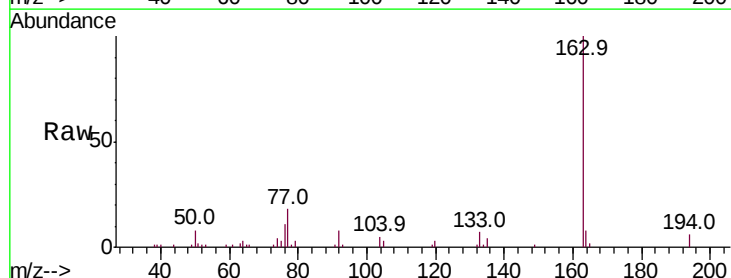
Manual Integrations
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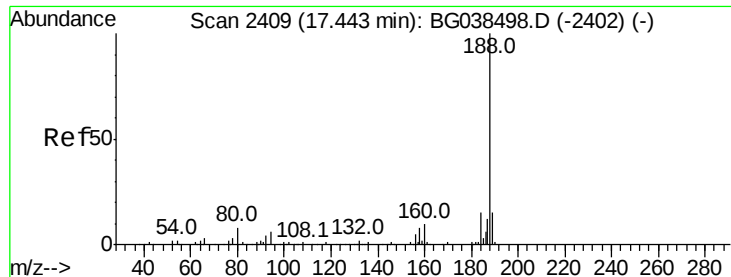
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#50
Dimethylphthalate
Concen: 6.706 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	43393		
194	5.6		3.7	5.5#
164	8.4		8.6	12.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG038812.D

Acq: 22 Dec 2018 11:18

Instrument :

BNA_G

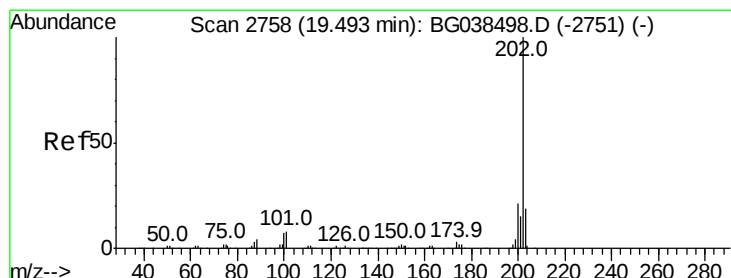
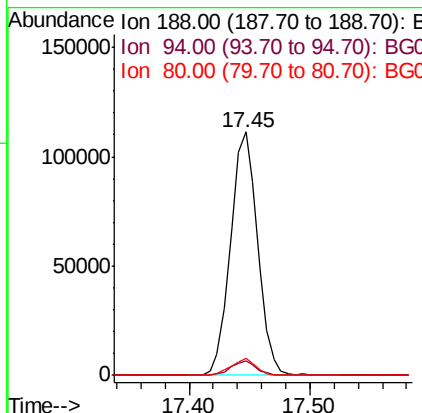
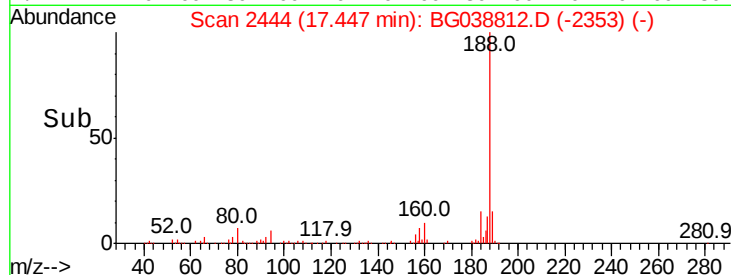
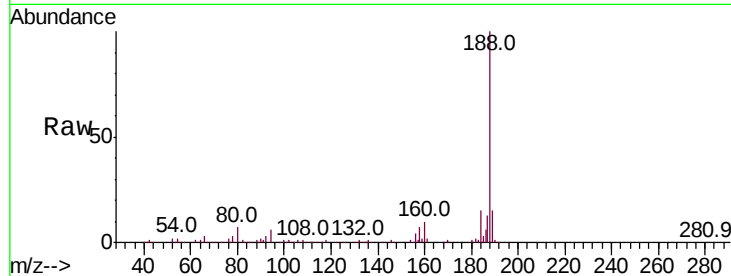
ClientSampleId :

SB-59(0-23)-COMP

Tot Ion:	188	Resp:	174150
Ion Ratio	Lower	Upper	
188	100		
94	6.1	5.1	7.7
80	6.9	6.1	9.1

Manual Integrations
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#75

Fluoranthene

Concen: 5.334 ng

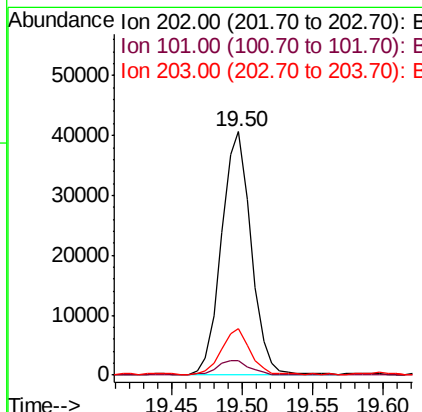
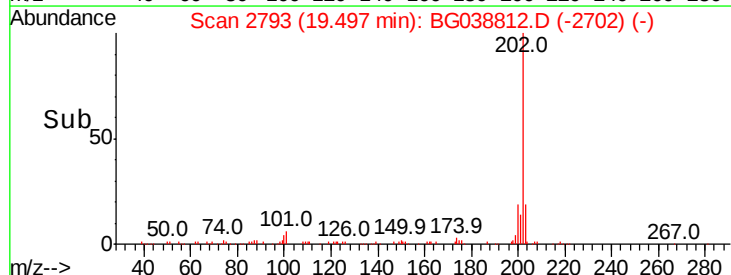
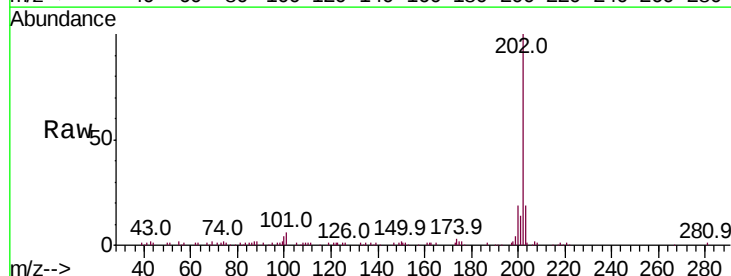
RT: 19.50 min Scan# 2793

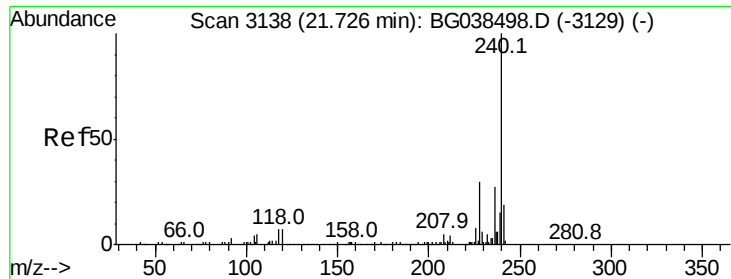
Delta R.T. 0.00 min

Lab File: BG038812.D

Acq: 22 Dec 2018 11:18

Tgt Ion:	202	Resp:	59603
Ion Ratio	Lower	Upper	
202	100		
101	5.9	0.0	28.1
203	19.4	0.0	39.0





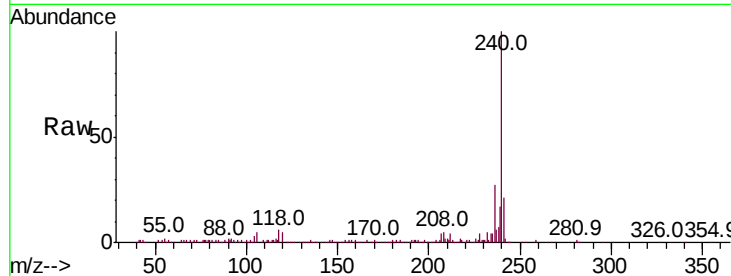
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

Instrument :
BNA_G
ClientSampleId :
SB-59(0-23)-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.3	7.9
236	27.3	21.4	32.2

Manual Integrations
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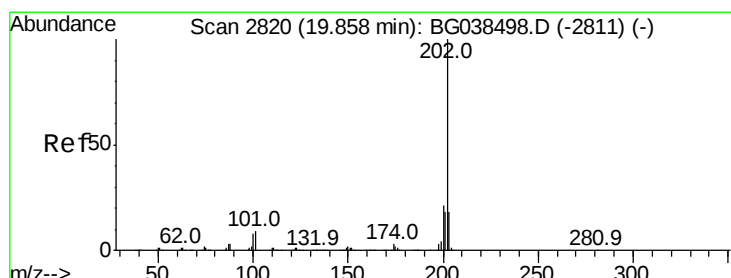
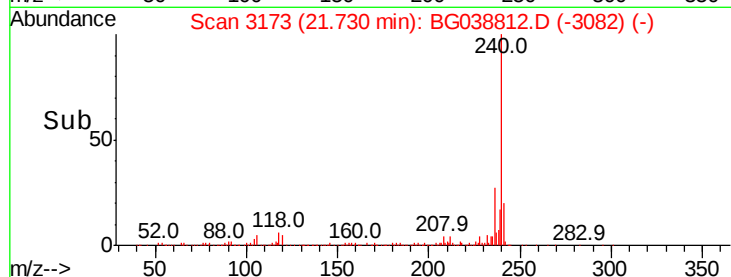
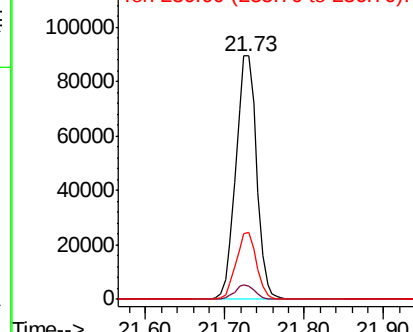


Abundance

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



#78
Pyrene
Concen: 5.271 ng
RT: 19.86 min Scan# 2855
Delta R.T. 0.00 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

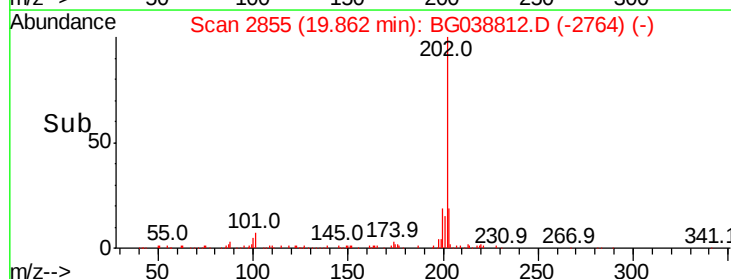
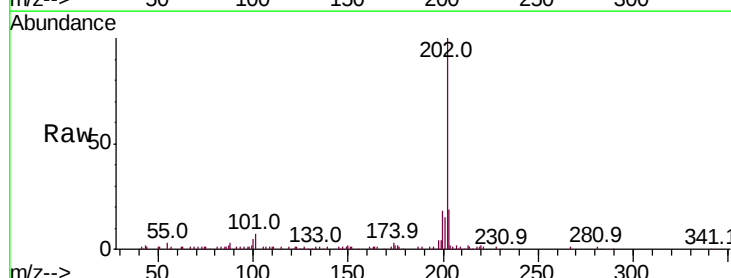
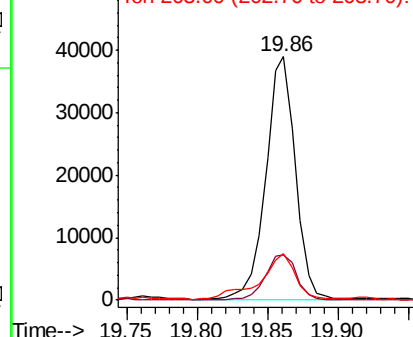
Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.4	16.6	25.0
203	19.0	14.6	21.8

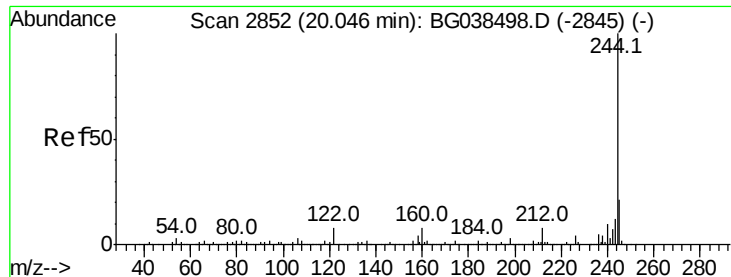
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.102 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG038812.D

Acq: 22 Dec 2018 11:18

Instrument :

BNA_G

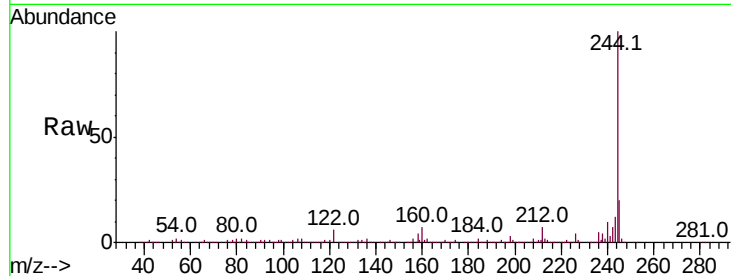
ClientSampleId :

SB-59(0-23)-COMP

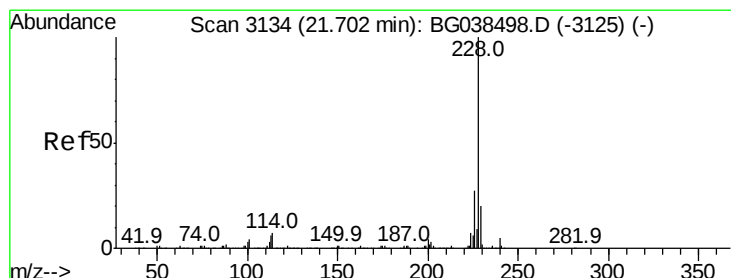
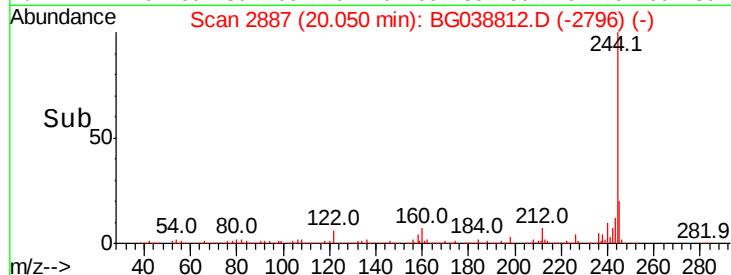
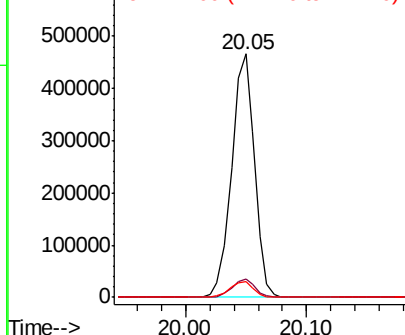
Tot Ion:	244	Resp:	613461
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.2	9.2
122	6.5	6.3	9.5

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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



#81

Benzo(a)anthracene

Concen: 3.146 ng

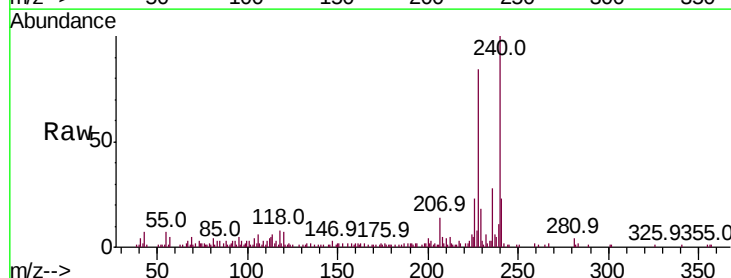
RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

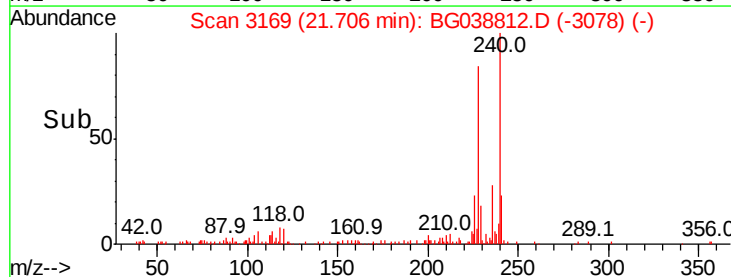
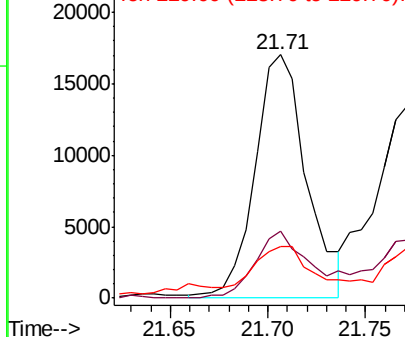
Lab File: BG038812.D

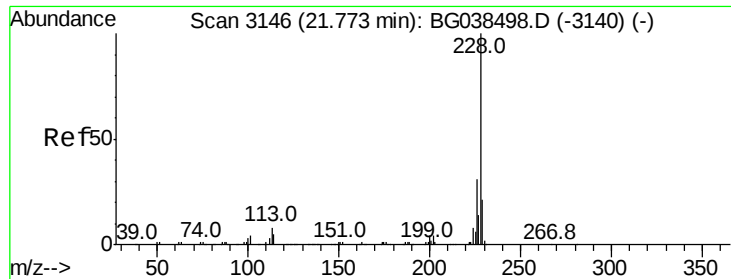
Acq: 22 Dec 2018 11:18

Tgt Ion:	228	Resp:	31169
Ion Ratio	Lower	Upper	
228	100		
226	27.5	21.8	32.8
229	21.1	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





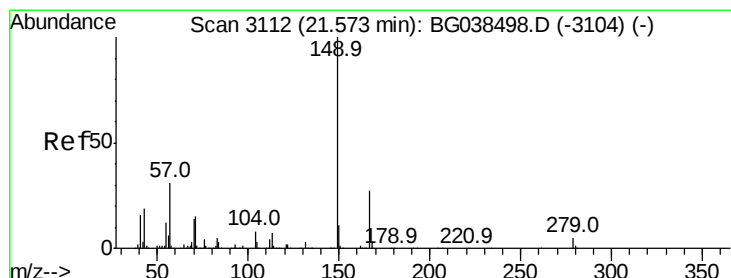
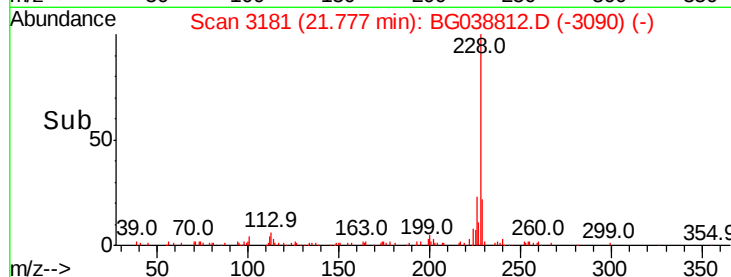
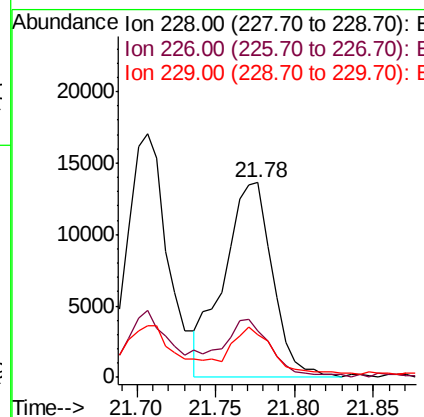
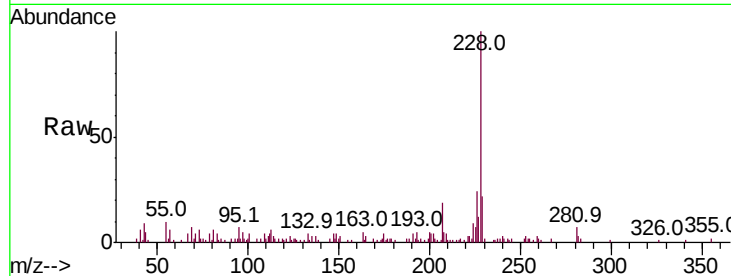
#83
 Chrysene
 Concen: 3.098 ng m
 RT: 21.78 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: BG038812.D
 Acq: 22 Dec 2018 11:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-59(0-23)-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	24.1	25.0	37.4#
229	22.1	16.5	24.7

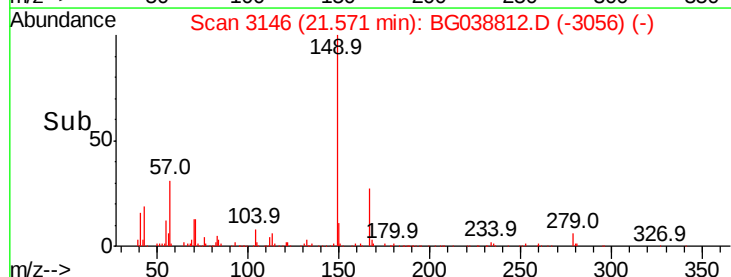
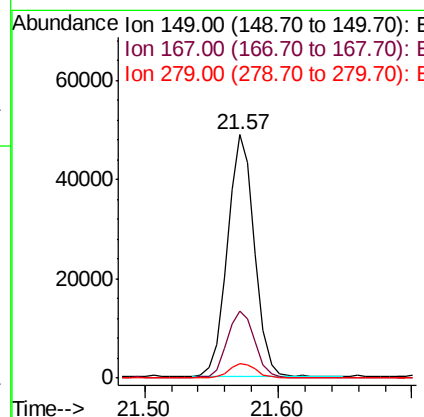
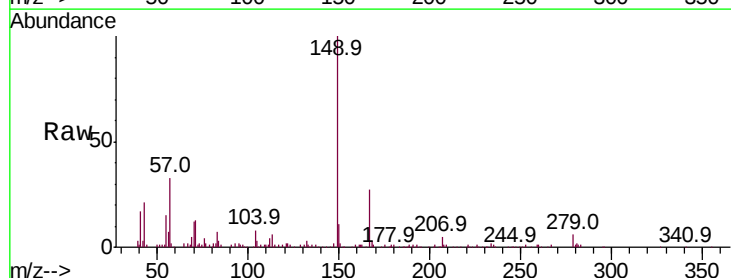
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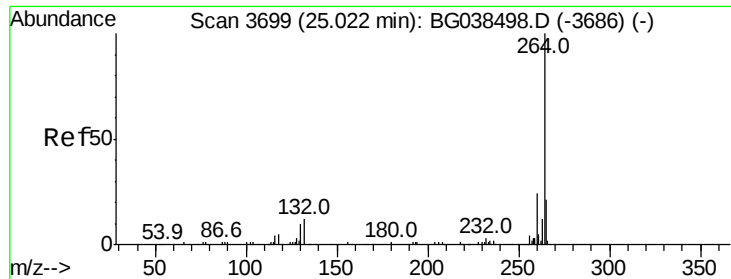
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.590 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038812.D
 Acq: 22 Dec 2018 11:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.9	32.9
279	6.2	4.2	6.2





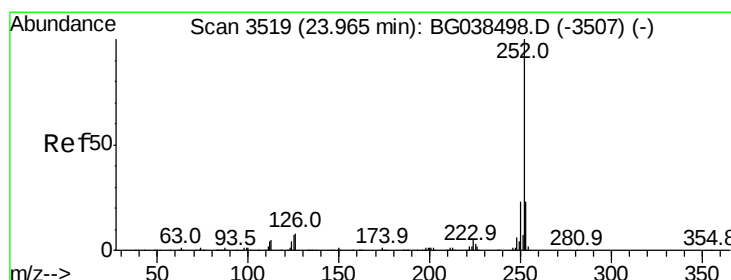
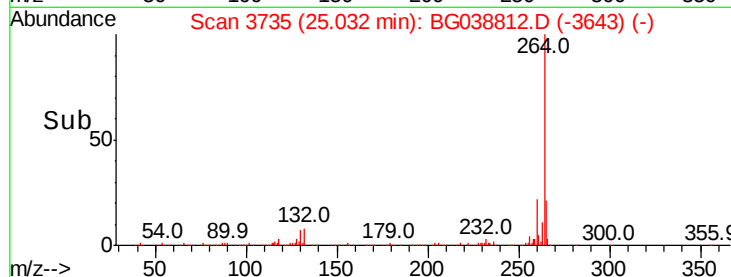
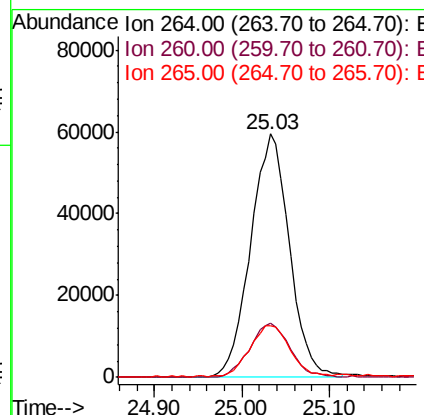
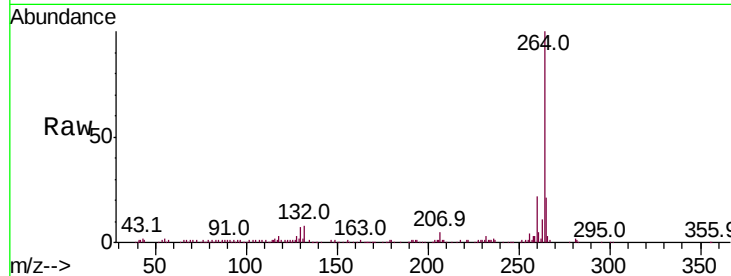
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

Instrument :
BNA_G
ClientSampleId :
SB-59(0-23)-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.9	28.3
265	21.0	17.0	25.4

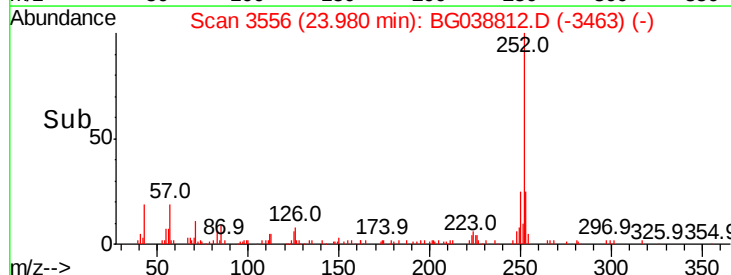
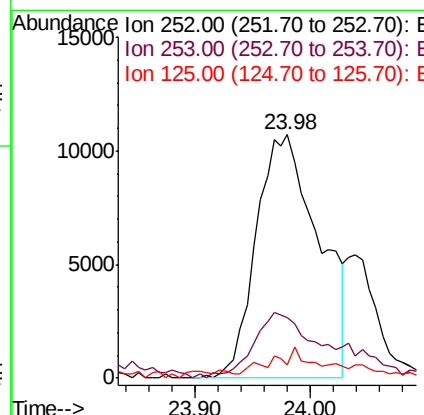
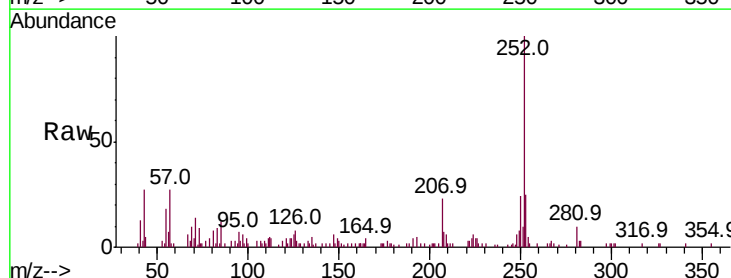
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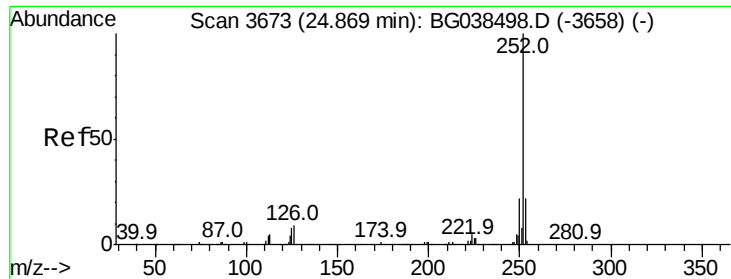
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#88
Benzo(b)fluoranthene
Concen: 4.076 ng
RT: 23.98 min Scan# 3556
Delta R.T. 0.02 min
Lab File: BG038812.D
Acq: 22 Dec 2018 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	5.6	5.5	8.3





#90

Benzo(a)pyrene

Concen: 3.120 ng

RT: 24.87 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BG038812.D

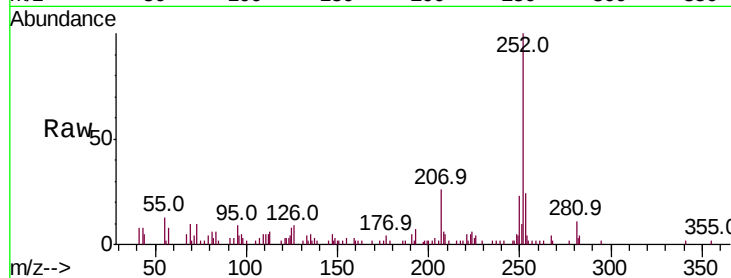
Acq: 22 Dec 2018 11:18

Instrument :

BNA_G

ClientSampleId :

SB-59(0-23)-COMP



Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	8.1	6.4	9.6

Manual Integrations
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