

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044040.D
 Acq On : 14 Jan 2020 17:28
 Operator : JU
 Sample : L1102-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Manual Integrations
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Quant Time: Jan 15 09:35:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	124375	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	475892	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	281395	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	554120	20.00	ng	-0.02
76) Chrysene-d12	21.59	240	484819	20.00	ng	0.00
87) Perylene-d12	24.81	264	544912	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	148557	21.93	ng	0.02
7) Phenol-d6	7.57	99	104424m	11.03	ng	0.45
23) Nitrobenzene-d5	9.14	82	670343	75.35	ng	0.02
42) 2,4,6-Tribromophenol	16.07	330	148312	50.37	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1369716	88.19	ng	-0.02
79) Terphenyl-d14	19.94	244	1737944	86.95	ng	-0.02
Target Compounds						
10) Phenol	7.60	94	29990	3.074	ng	85
15) Benzyl Alcohol	8.43	79	22787m	3.049	ng	
32) Benzoic acid	10.47	122	4227876m	725.704	ng	98
50) Dimethylphthalate	14.04	163	203393	10.180	ng	

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

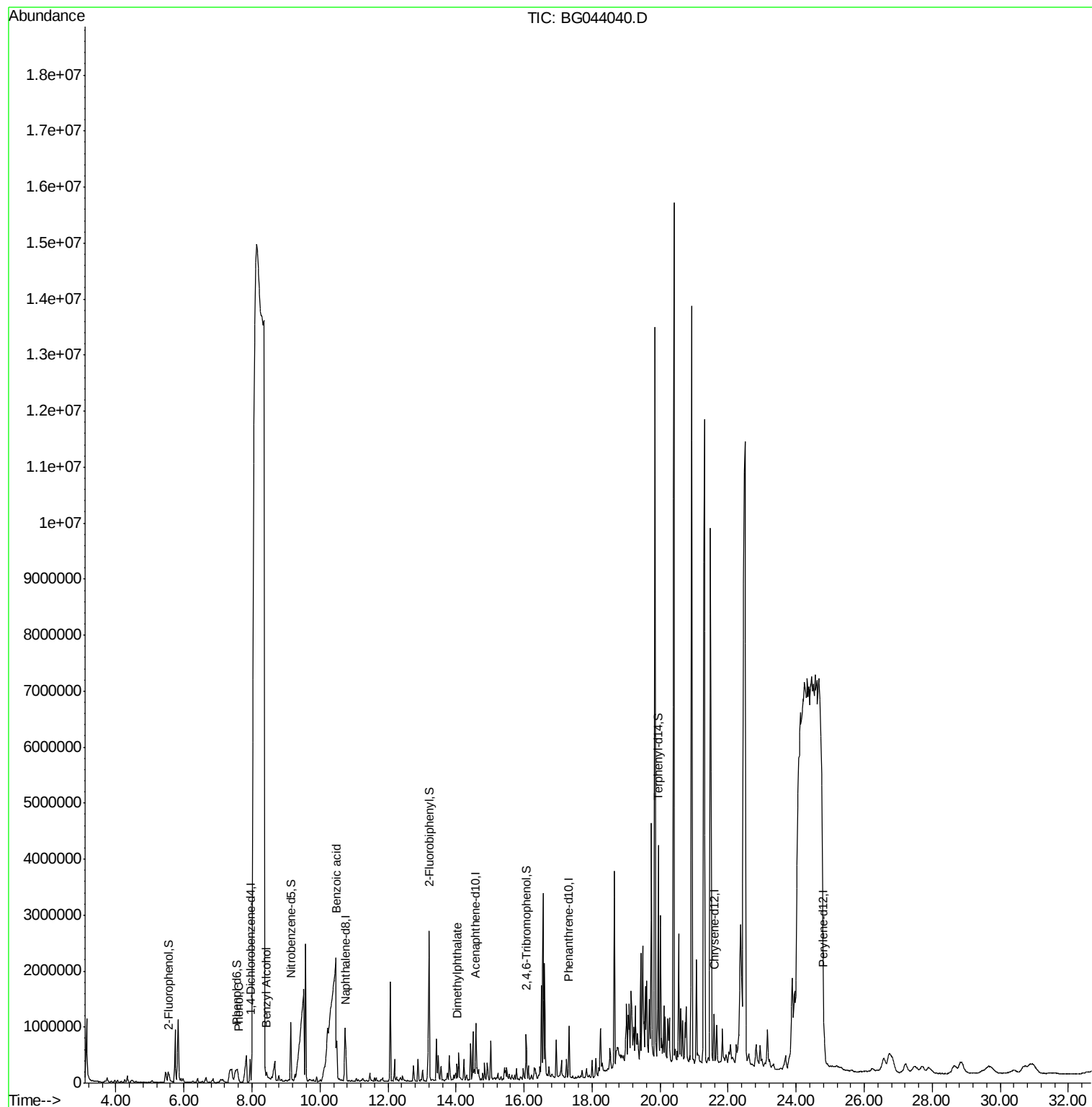
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044040.D
Acq On : 14 Jan 2020 17:28
Operator : JU
Sample : L1102-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

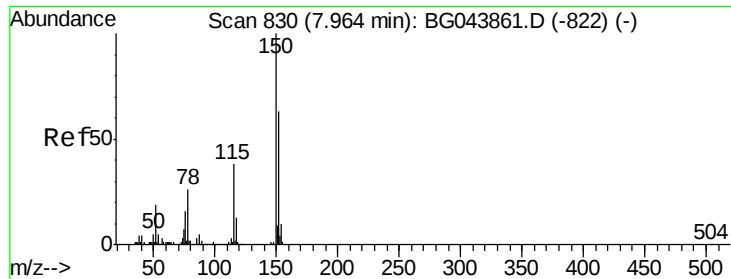
Instrument :
BNA_G
ClientSampleId :
EFF-WW

Quant Time: Jan 15 09:35:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

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#1

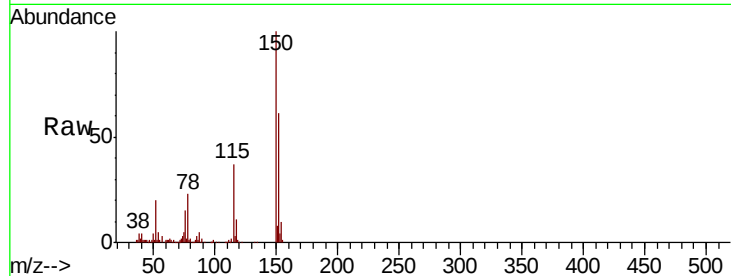
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044040.D
Acq: 14 Jan 2020 17:28

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	127.0	190.4
115	60.7	47.8	71.8

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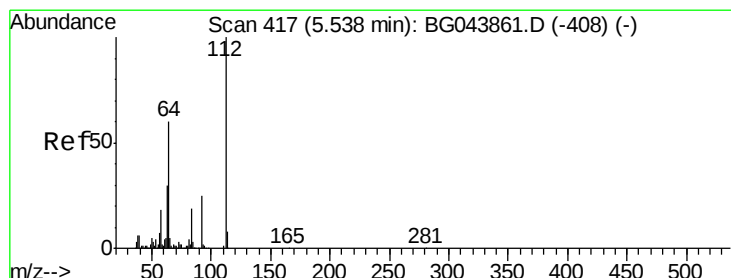
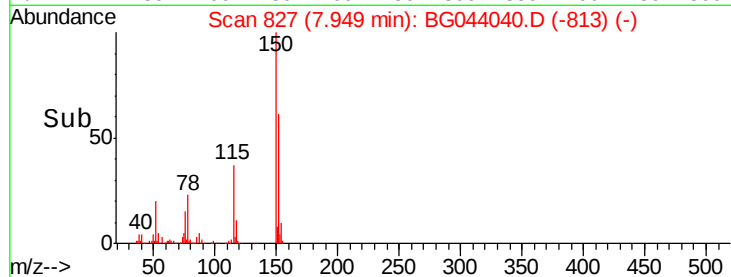
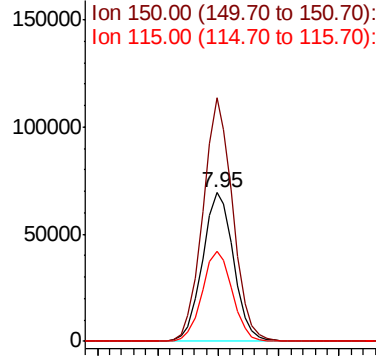


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

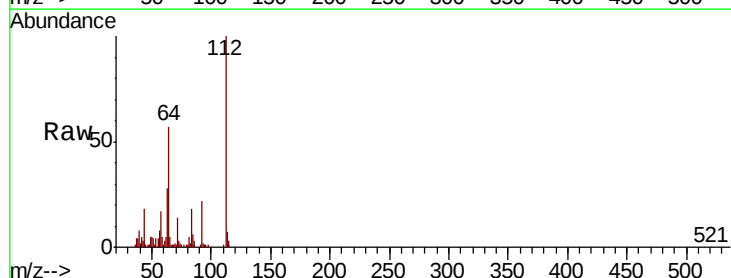
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 21.931 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.02 min
Lab File: BG044040.D
Acq: 14 Jan 2020 17:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.8	71.6
63	28.4	24.3	36.5

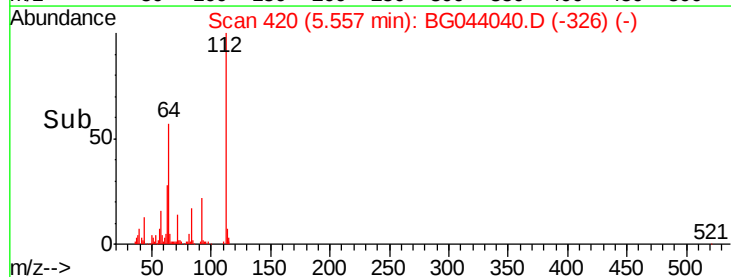
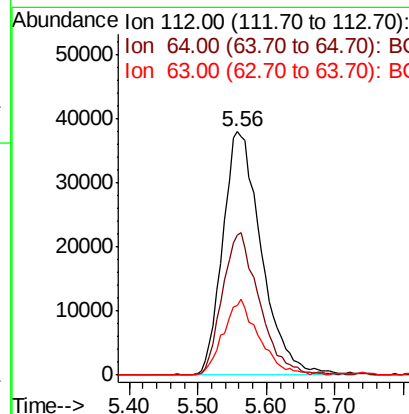


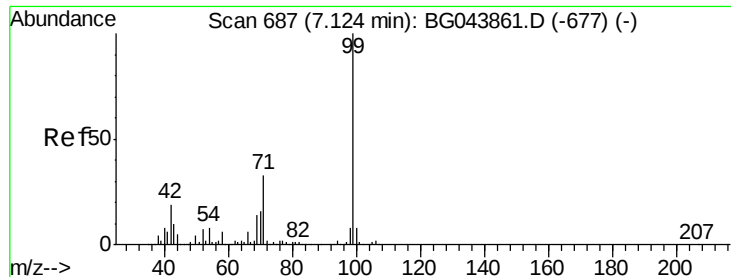
Abundance

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: 11.029 ng/mL

RT: 7.57 min Scan# 763

Delta R.T. 0.45 min

Lab File: BG044040.D

Acq: 14 Jan 2020 17:28

Instrument :

BNA_G

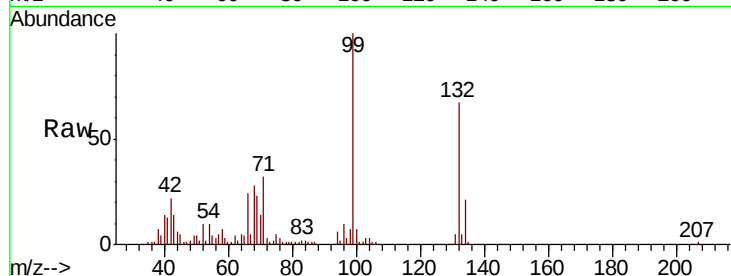
ClientSampled :

EFF-WW

Tot Ion:	99	Resp:	104424
Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.9	22.3#
71	31.6	26.4	39.6

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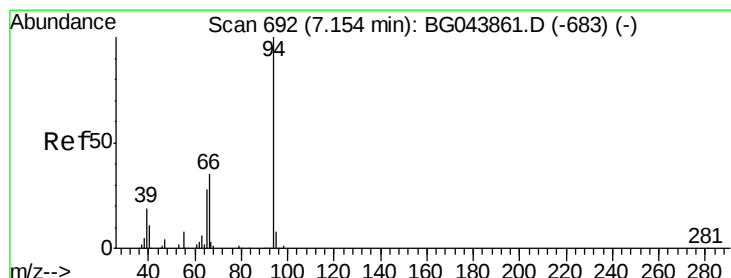
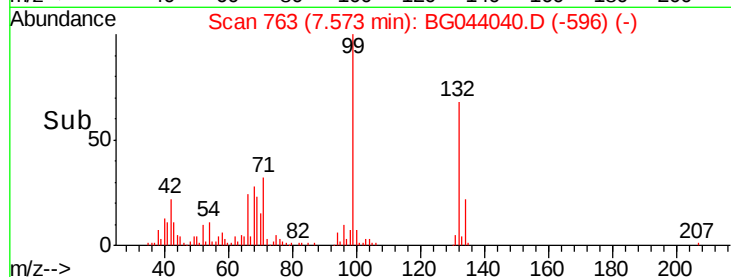
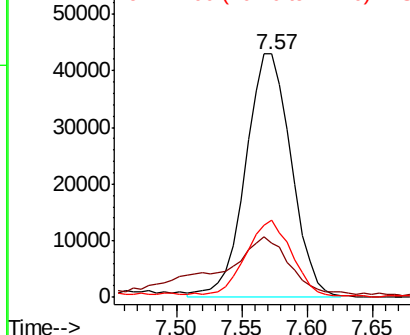


Abundance

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: 3.074 ng/mL

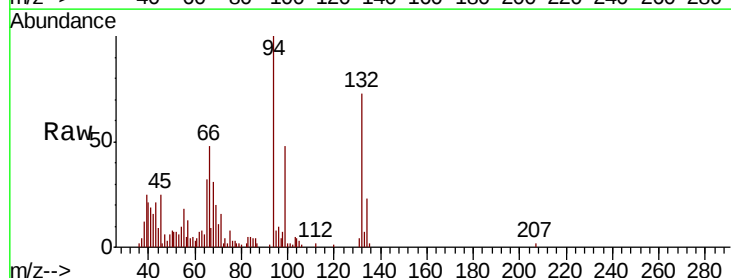
RT: 7.60 min Scan# 768

Delta R.T. 0.45 min

Lab File: BG044040.D

Acq: 14 Jan 2020 17:28

Tgt Ion:	94	Resp:	29990
Ion	Ratio	Lower	Upper
94	100		
65	31.5	8.1	48.1
66	48.0	15.6	55.6

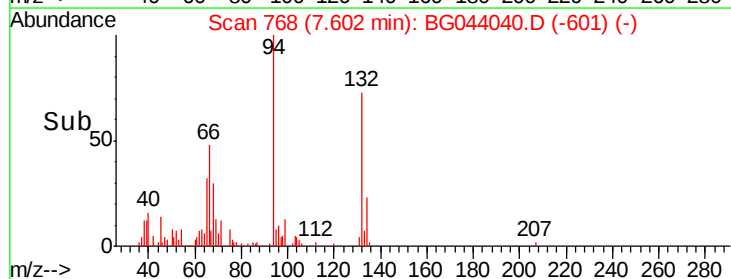
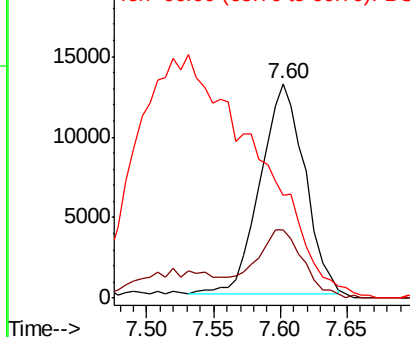


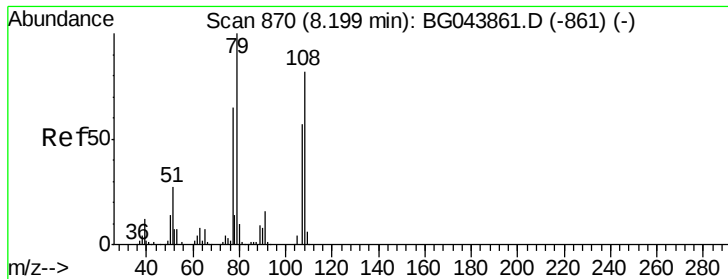
Abundance

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





#15

Benzyl Alcohol

Concen: 3.049 ng/mL

RT: 8.43 min Scan# 909

Delta R.T. 0.23 min

Lab File: BG044040.D

Acq: 14 Jan 2020 17:28

Instrument :

BNA_G

ClientSampled :

EFF-WW

Tot Ion: 79 Resp: 22787

Ion Ratio Lower Upper

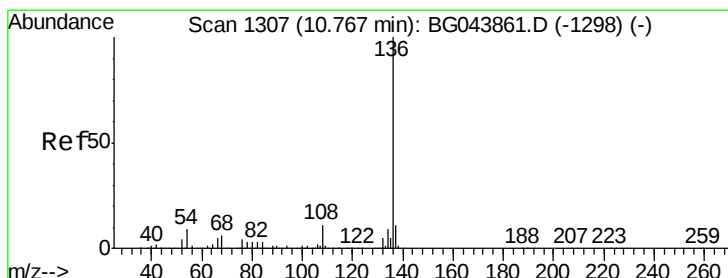
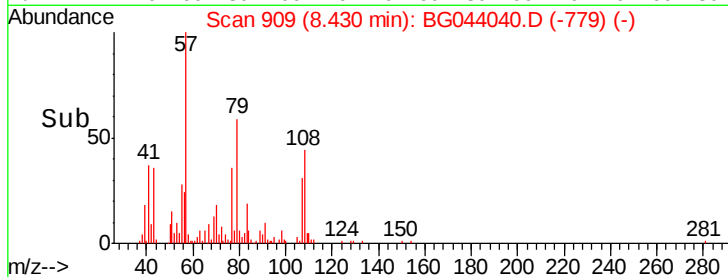
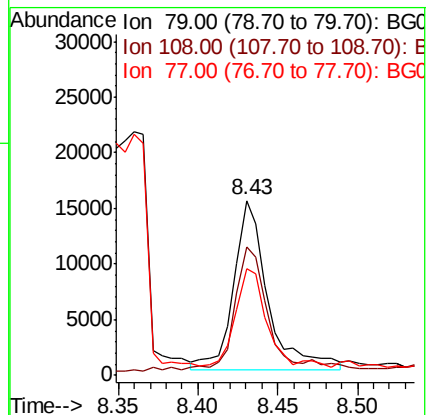
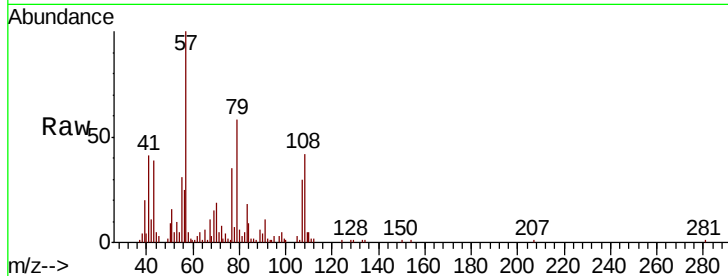
79 100

108 73.5 65.6 98.4

77 60.9 52.0 78.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG044040.D

Acq: 14 Jan 2020 17:28

Tgt Ion: 136 Resp: 475892

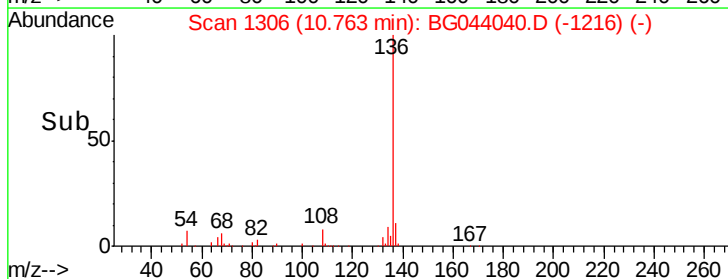
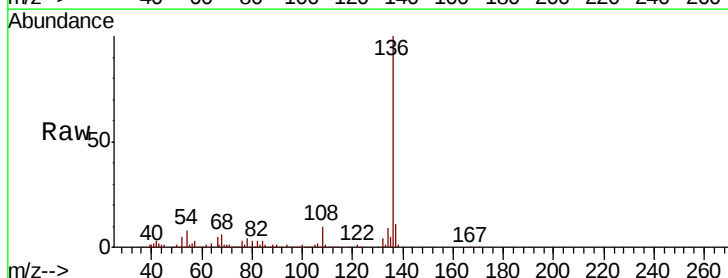
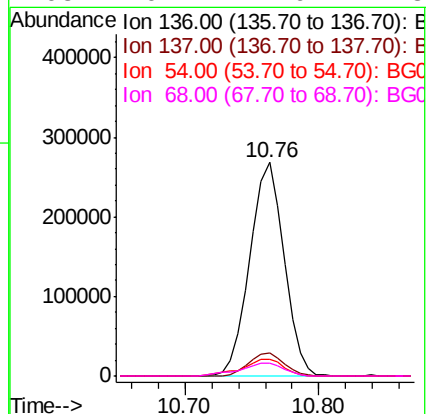
Ion Ratio Lower Upper

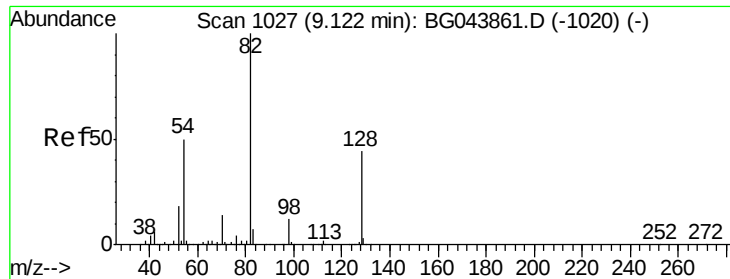
136 100

137 10.9 8.8 13.2

54 7.6 7.0 10.4

68 6.1 4.9 7.3





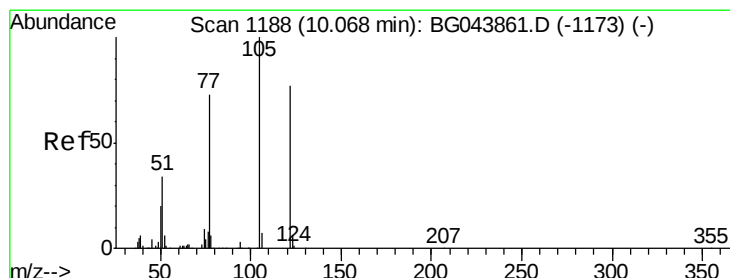
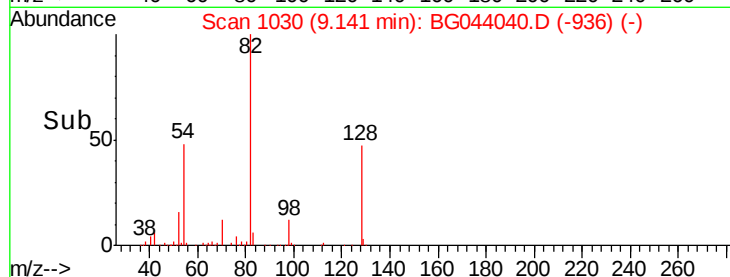
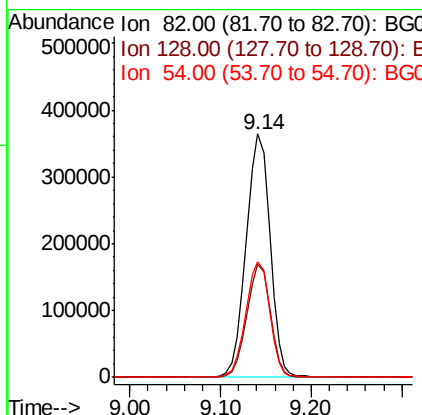
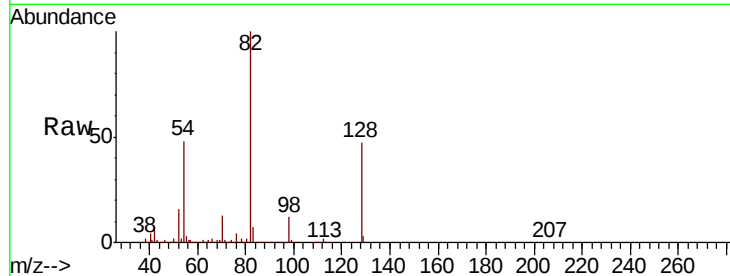
#23
Nitrobenzene-d5
Concen: 75.354 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.02 min
Lab File: BG044040.D
Acq: 14 Jan 2020 17:28

Instrument :
BNA_G
ClientSampled :
EFF-WW

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.1	52.7
54	47.7	40.1	60.1

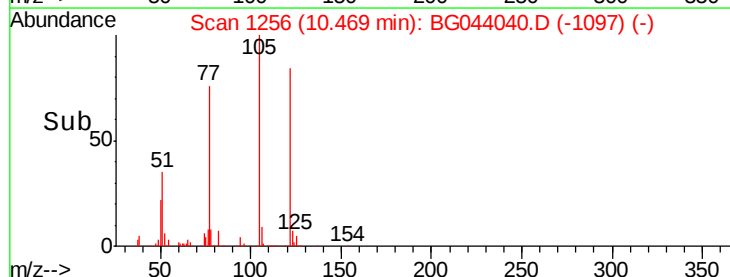
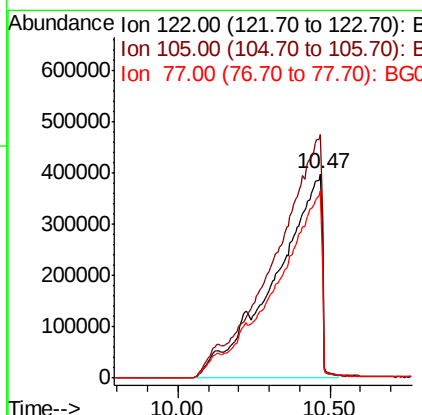
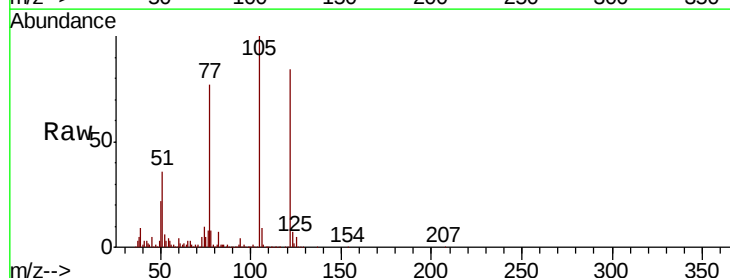
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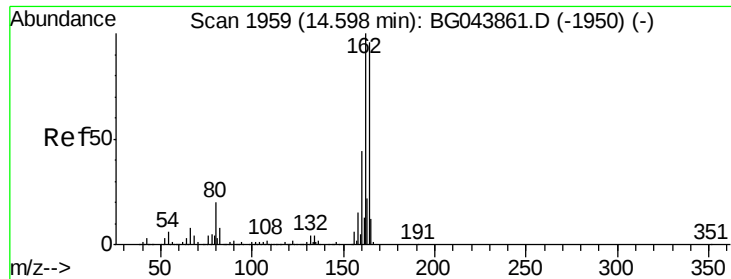
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#32
Benzoic acid
Concen: 725.704 ng m
RT: 10.47 min Scan# 1256
Delta R.T. 0.40 min
Lab File: BG044040.D
Acq: 14 Jan 2020 17:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	106.4	146.4
77	91.4	74.6	114.6





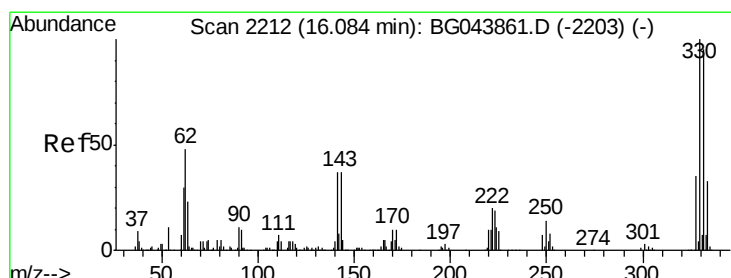
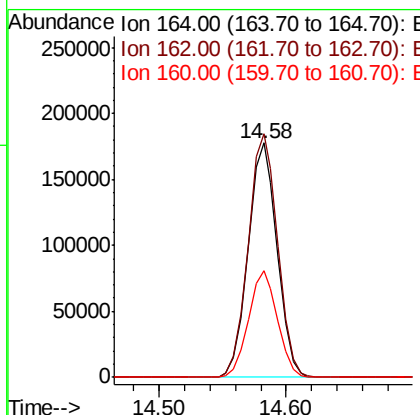
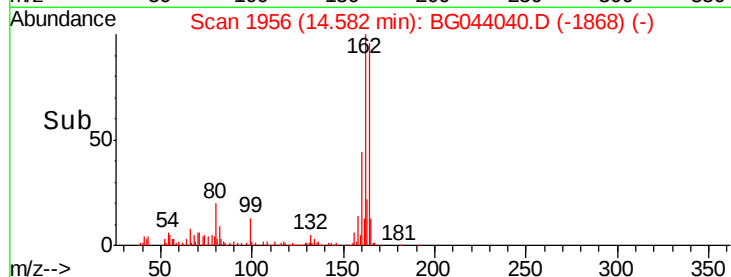
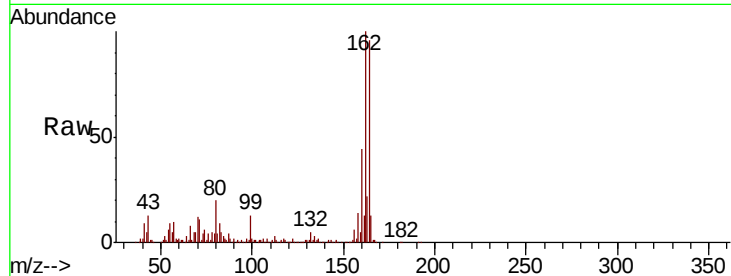
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044040.D
Acq: 14 Jan 2020 17:28

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	83.0	124.4	
160	45.6	36.1	54.1	

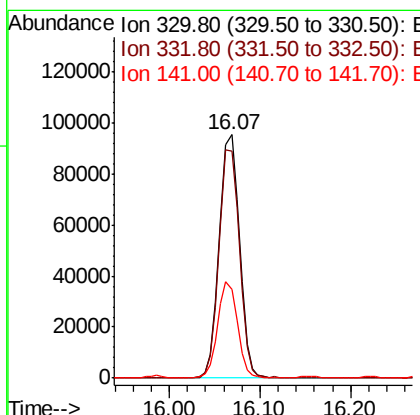
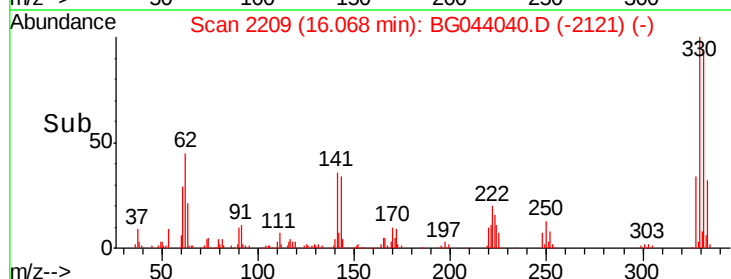
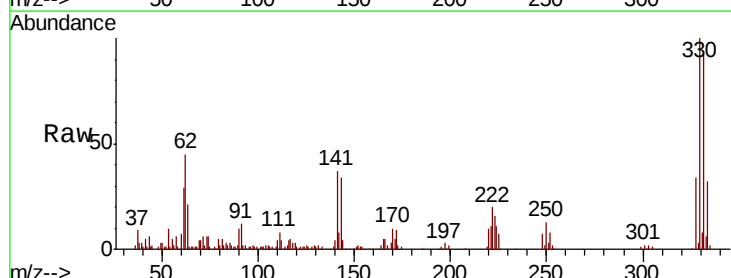
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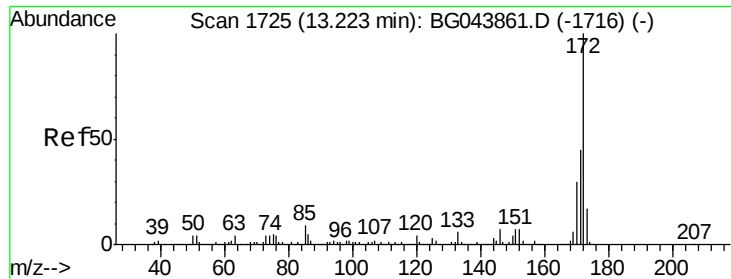
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#42
2,4,6-Tribromophenol
Concen: 50.365 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044040.D
Acq: 14 Jan 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	77.2	115.8	
141	37.7	33.1	49.7	





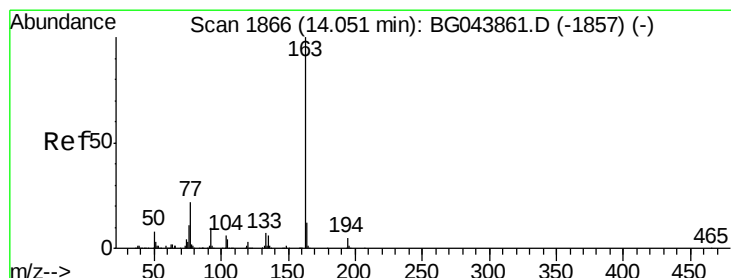
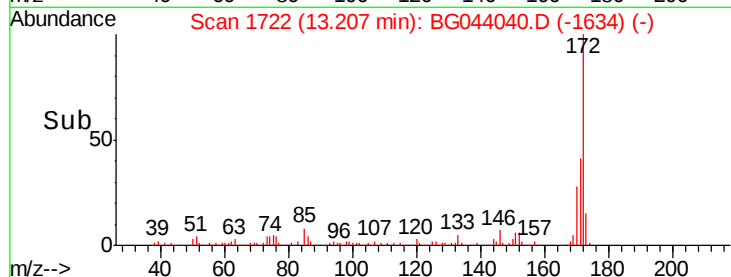
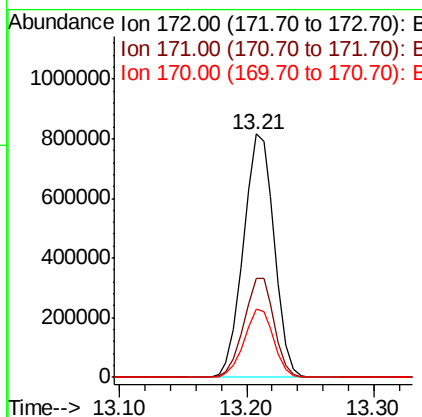
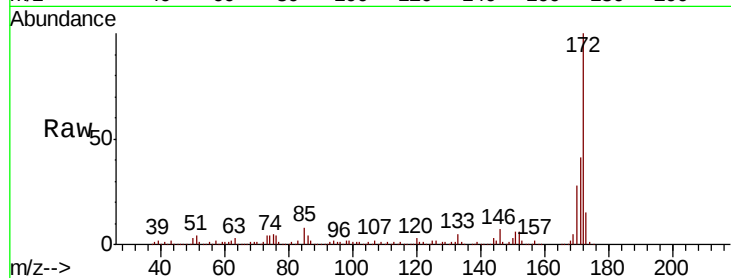
#45
2-Fluorobiphenyl
Concen: 88.190 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044040.D
Acq: 14 Jan 2020 17:28

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.7	35.8	53.8
170	28.1	24.2	36.4

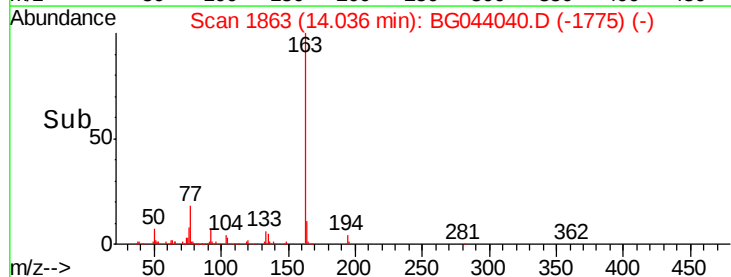
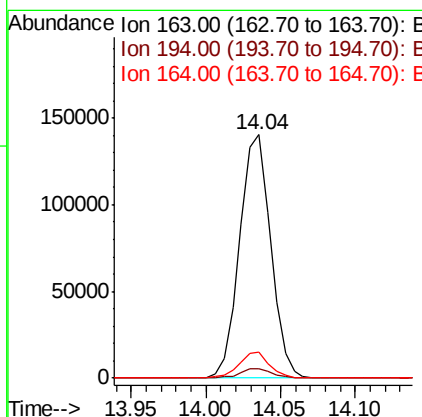
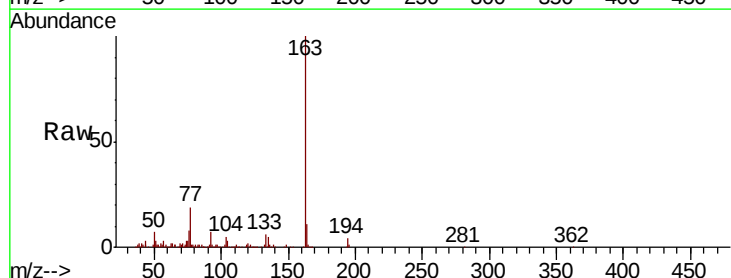
Manual Integrations
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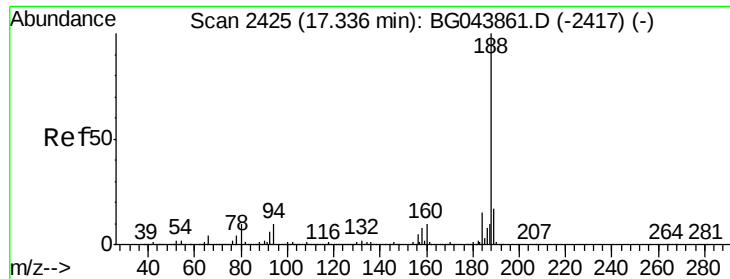
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#50
Dimethylphthalate
Concen: 10.180 ng
RT: 14.04 min Scan# 1863
Delta R.T. -0.02 min
Lab File: BG044040.D
Acq: 14 Jan 2020 17:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	10.6	9.3	13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044040.D

Acq: 14 Jan 2020 17:28

Instrument :

BNA_G

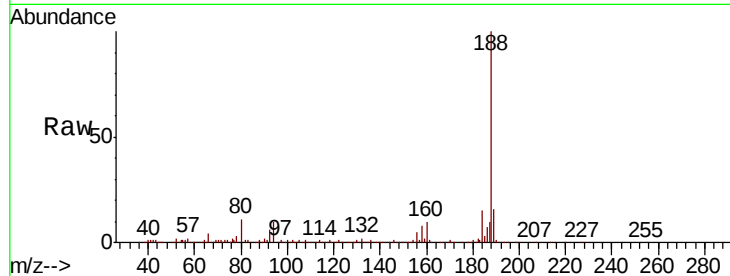
ClientSampled :

EFF-WW

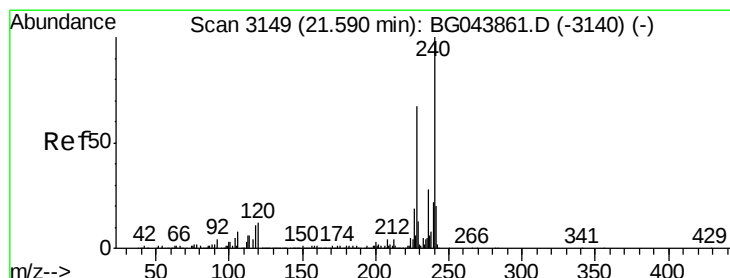
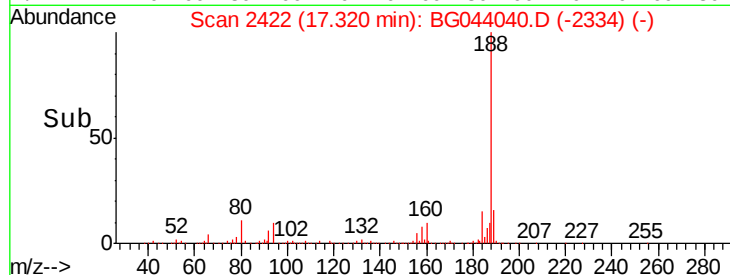
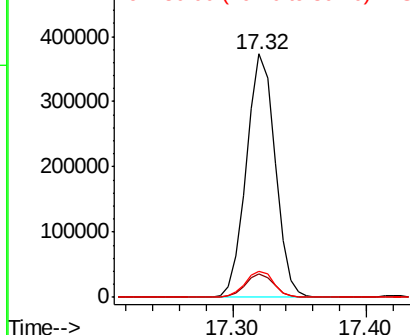
Tot Ion:	188	Resp:	554120
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.9	11.9
80	10.6	8.2	12.4

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO



#76

Chrysene-d12

Concen: 20.000 ng

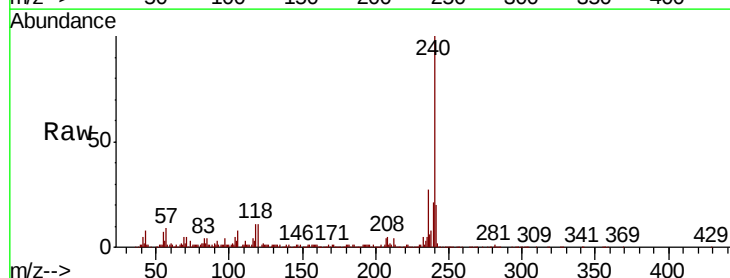
RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

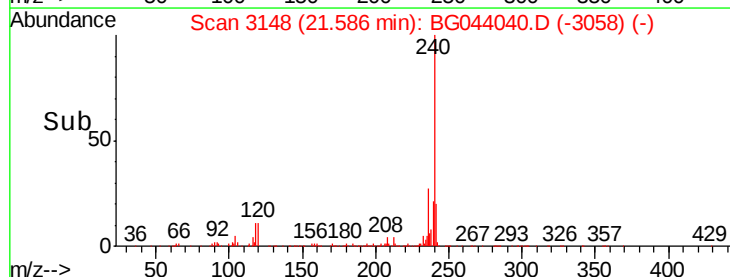
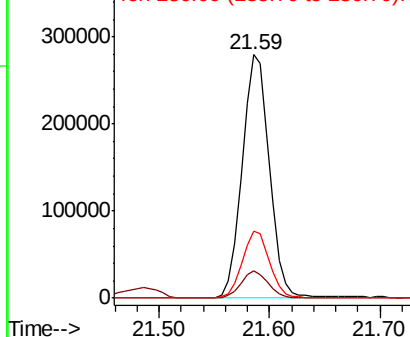
Lab File: BG044040.D

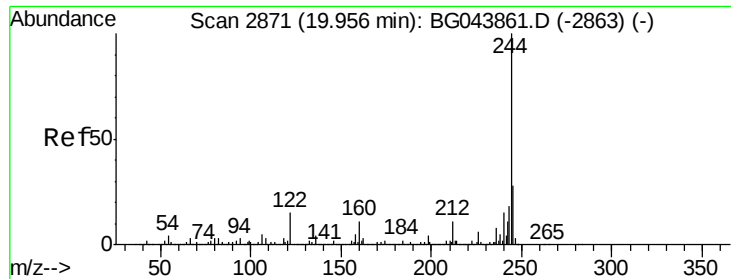
Acq: 14 Jan 2020 17:28

Tgt Ion:	240	Resp:	484819
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.6	14.4
236	27.3	22.2	33.2



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





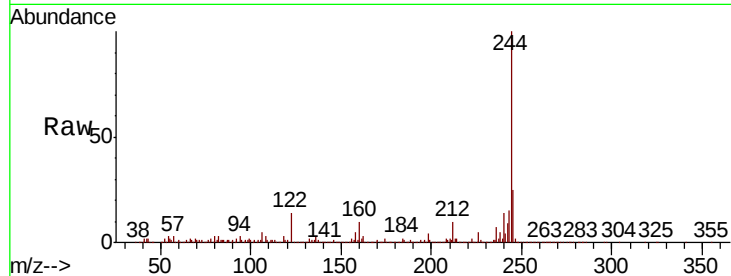
#79
 Terphenyl-d14
 Concen: 86.954 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.02 min
 Lab File: BG044040.D
 Acq: 14 Jan 2020 17:28

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.6	13.0
122	13.7	11.9	17.9

Manual Integrations
 APPROVED

mohammad
 1/16/2020 1:38:46 PM

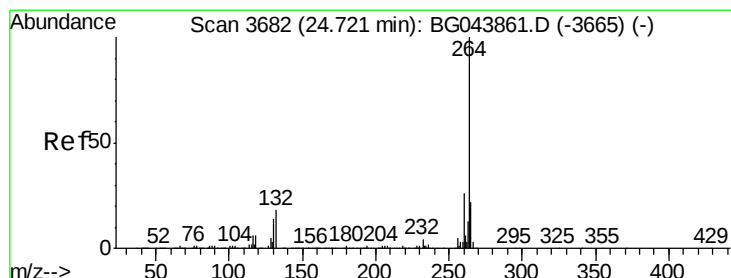
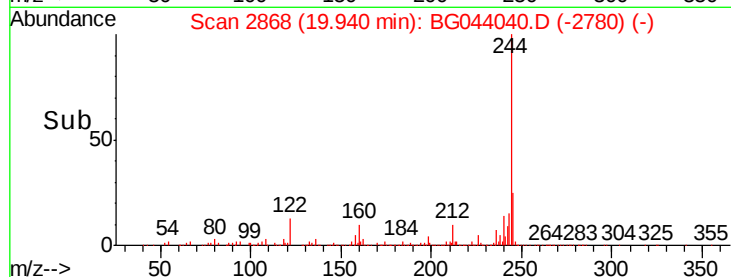
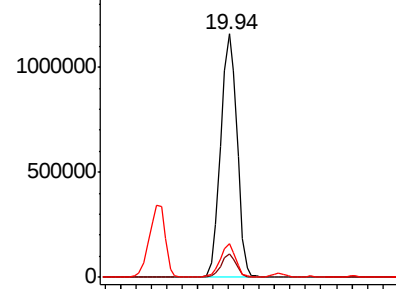


Abundance

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



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. 0.09 min
 Lab File: BG044040.D
 Acq: 14 Jan 2020 17:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.4	30.6
265	23.7	17.4	26.2

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

