

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038936.D
 Acq On : 4 Jan 2019 19:09
 Operator : JU/SJ
 Sample : K1040-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200030-RBR-200028-RT-3483

Manual Integrations
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Sohil
 1/7/2019 12:48:16 PM

Quant Time: Jan 04 23:06:30 2019
 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	8.05	152	26313	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	103337	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	74436	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	187454	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	190562	20.00	ng	-0.01
87) Perylene-d12	25.00	264	187777	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	172599	116.34	ng	0.00
7) Phenol-d6	7.21	99	215705	105.91	ng	0.00
23) Nitrobenzene-d5	9.22	82	165708	81.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	154179	150.29	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	446026	82.20	ng	-0.02
79) Terphenyl-d14	20.03	244	852548	97.37	ng	-0.01
Target Compounds						
43) 2,4,6-Trichlorophenol	13.12	196	17711m	10.353	ng	Qvalue
44) 2,4,5-Trichlorophenol	13.21	196	9338	5.155	ng	96
50) Dimethylphthalate	14.14	163	13032	2.144	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	23372	14.342	ng	# 97

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

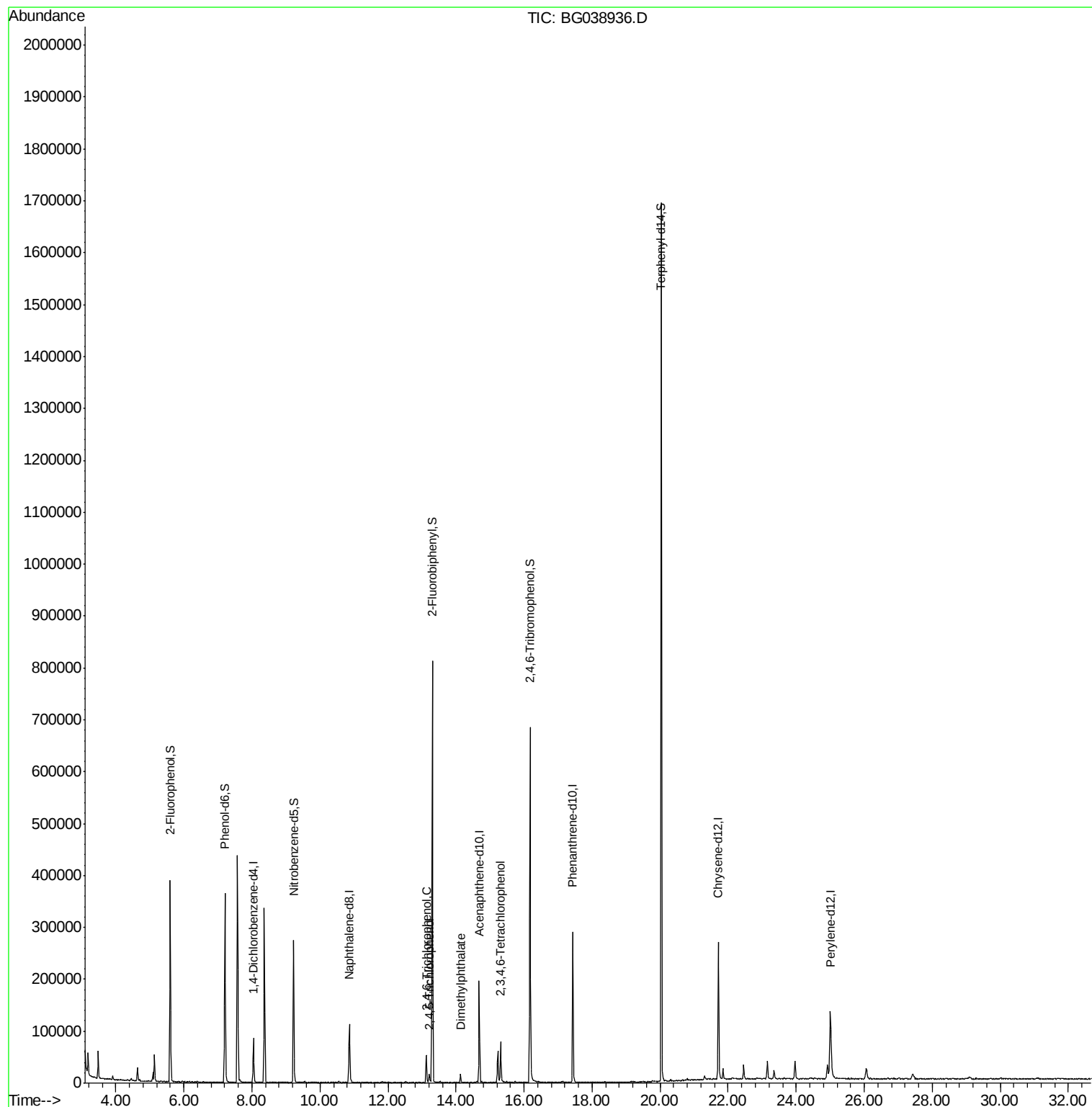
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038936.D
Acq On : 4 Jan 2019 19:09
Operator : JU/SJ
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RBR-200030-RBR-200028-RT-3483

Manual Integrations
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Quant Time: Jan 04 23:06:30 2019
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
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#1

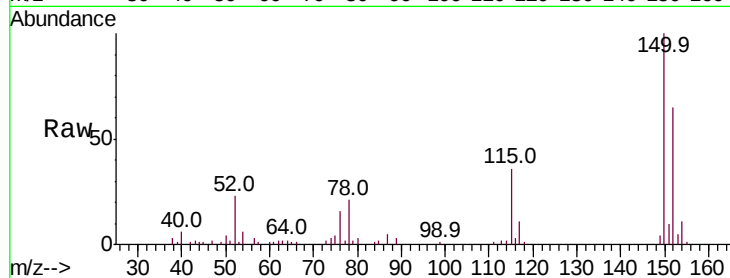
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038936.D
Acq: 4 Jan 2019 19:09

Instrument :
BNA_G
ClientSampleId :
RBR-200030-RBR-200028-RT-3483

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	119.5	179.3
115	54.7	49.6	74.4

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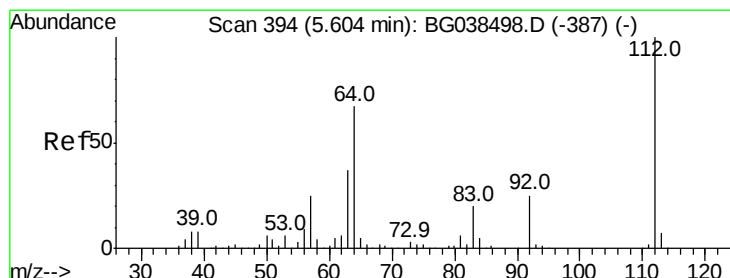
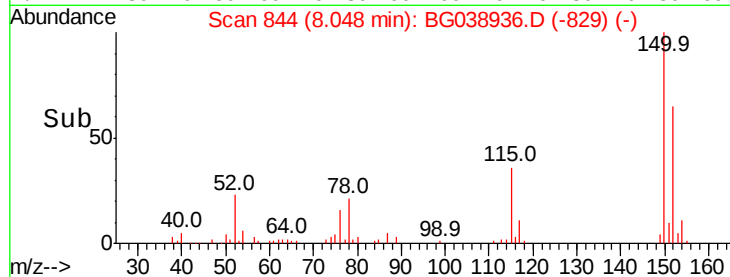
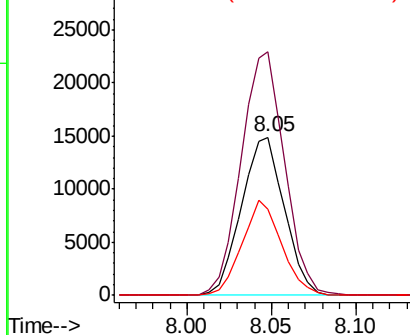


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

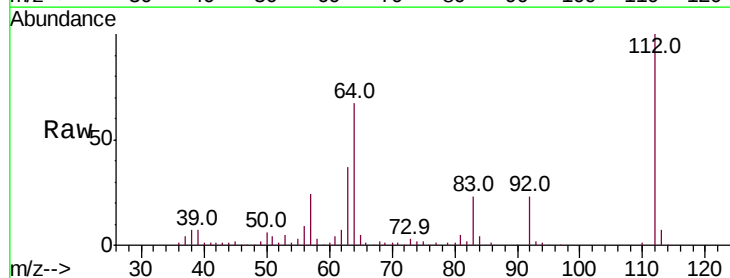
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.342 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038936.D
Acq: 4 Jan 2019 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.4	80.2
63	37.1	29.3	43.9

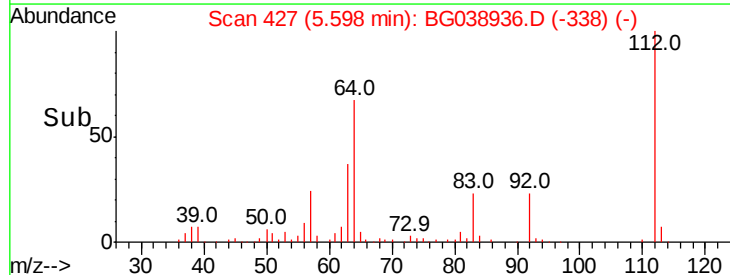
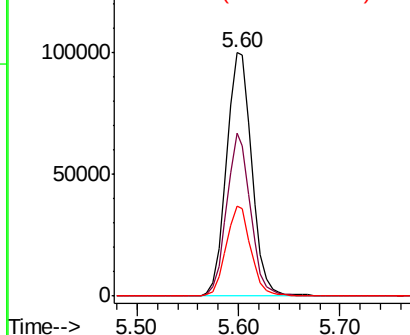


Abundance

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: 105.913 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038936.D

Acq: 4 Jan 2019 19:09

Instrument :

BNA_G

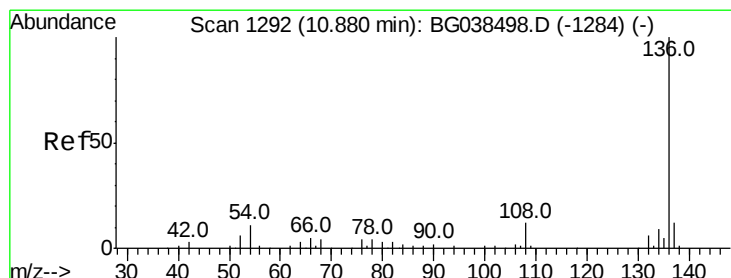
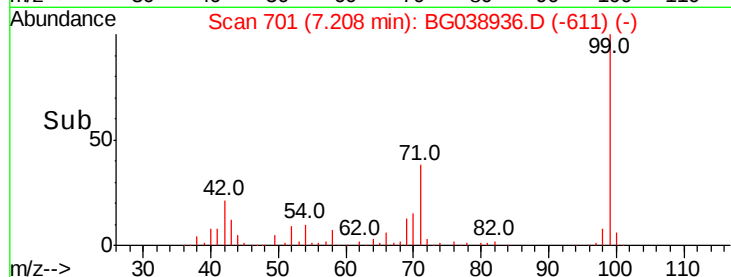
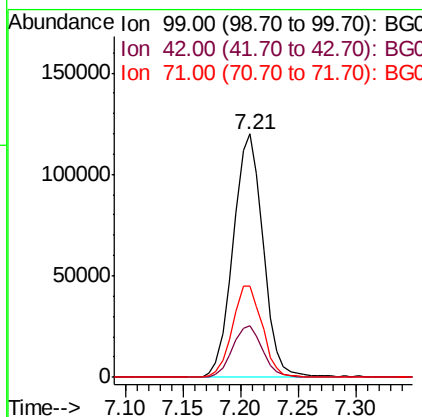
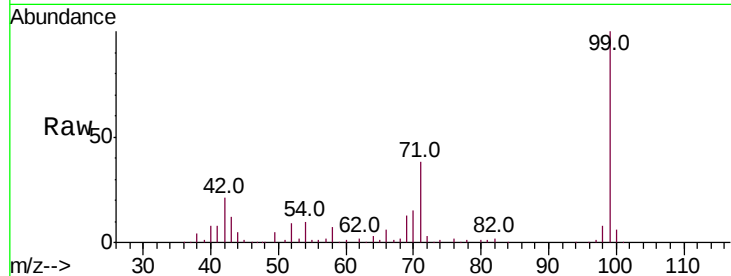
ClientSampleId :

RBR-200030-RBR-200028-RT-3483

Tot Ion:	99	Resp:	215705
Ion Ratio	Lower	Upper	
99	100		
42	21.0	18.5	27.7
71	37.5	31.1	46.7

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#21

Naphthalene-d8

Concen: 20.000 ng

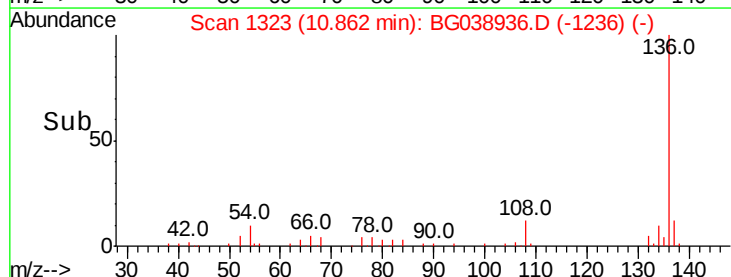
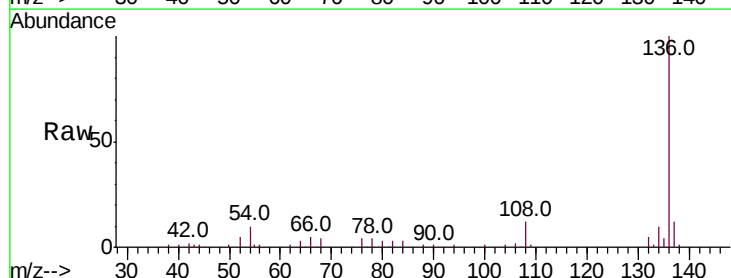
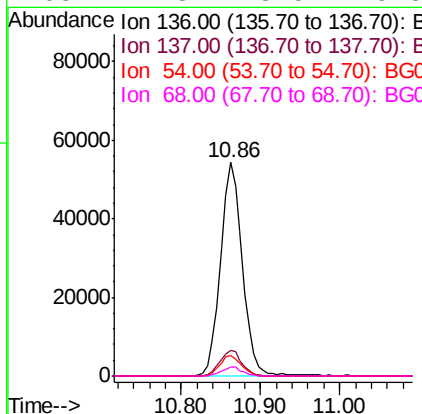
RT: 10.86 min Scan# 1323

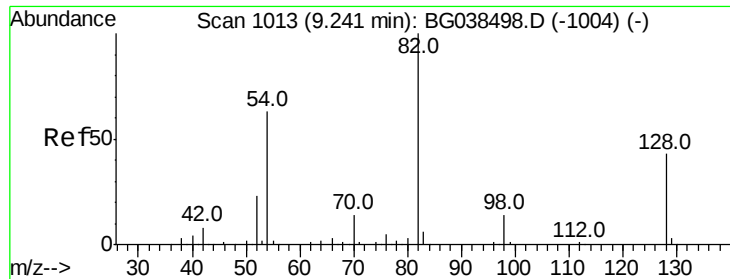
Delta R.T. -0.02 min

Lab File: BG038936.D

Acq: 4 Jan 2019 19:09

Tgt Ion:	136	Resp:	103337
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.3	13.9
54	9.7	8.5	12.7
68	4.3	3.5	5.3





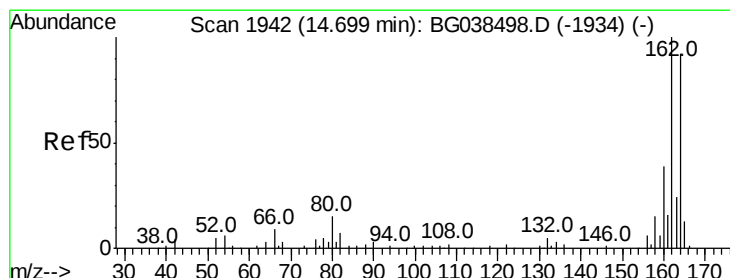
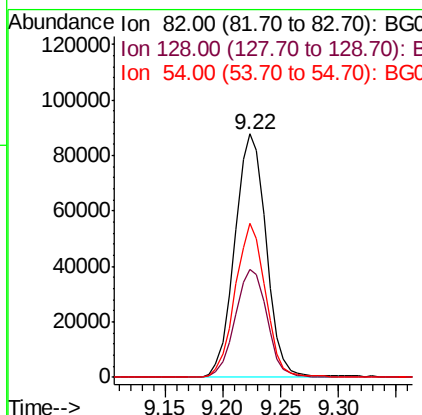
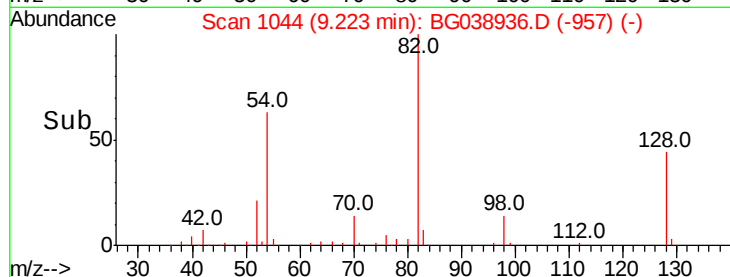
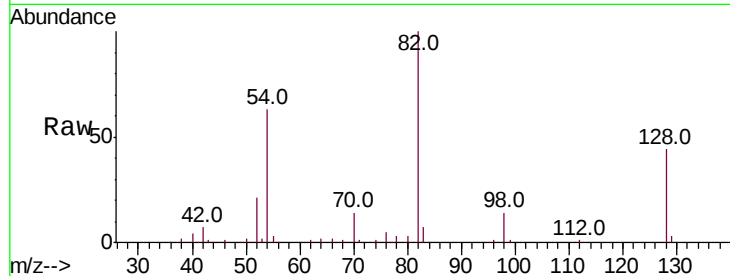
#23
Nitrobenzene-d5
Concen: 81.922 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038936.D
Acq: 4 Jan 2019 19:09

Instrument :
BNA_G
ClientSampleId :
RBR-200030-RBR-200028-RT-3483

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	63.1	50.6	76.0

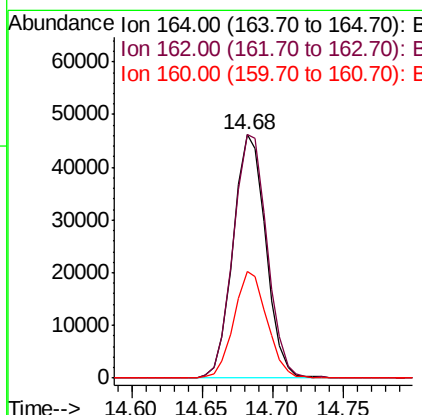
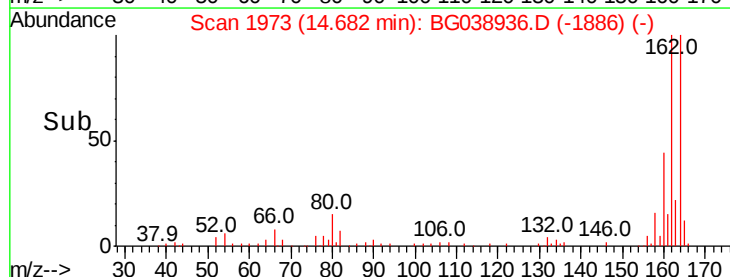
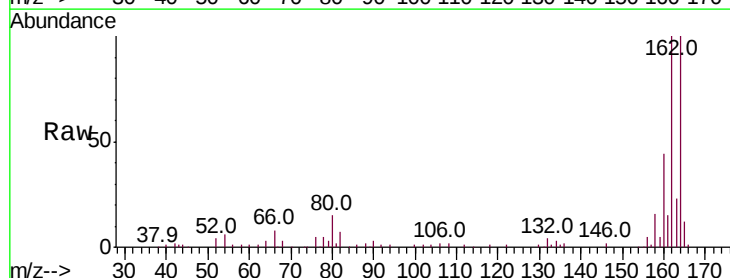
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038936.D
Acq: 4 Jan 2019 19:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	86.6	130.0
160	43.9	34.2	51.2





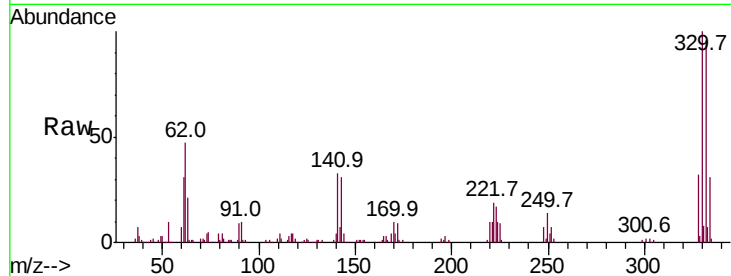
#42
 2,4,6-Tribromophenol
 Concen: 150.292 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG038936.D
 Acq: 4 Jan 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200030-RBR-200028-RT-3483

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.9	115.3	
141	32.6	28.8	43.2	

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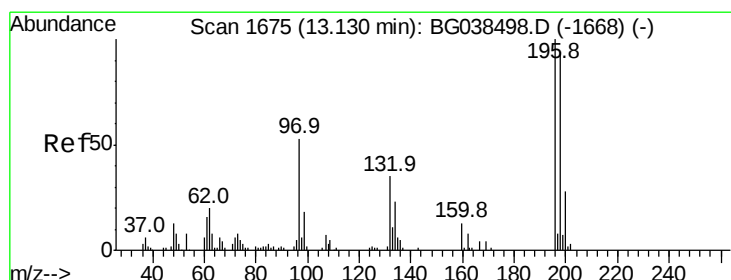
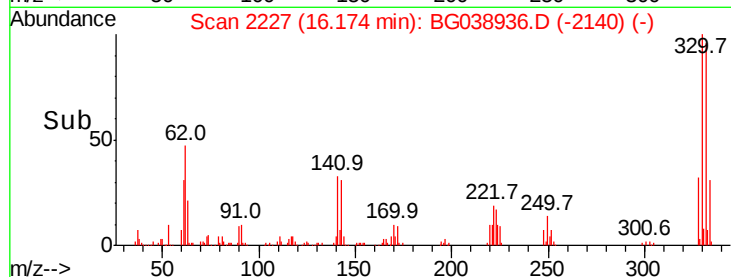
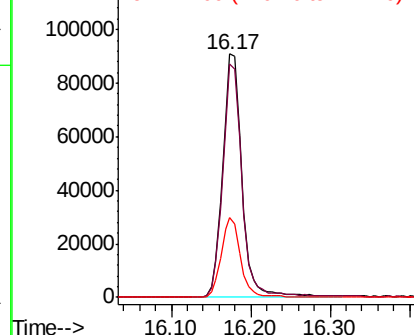


Abundance

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



#43
 2,4,6-Trichlorophenol
 Concen: 10.353 ng m
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038936.D
 Acq: 4 Jan 2019 19:09

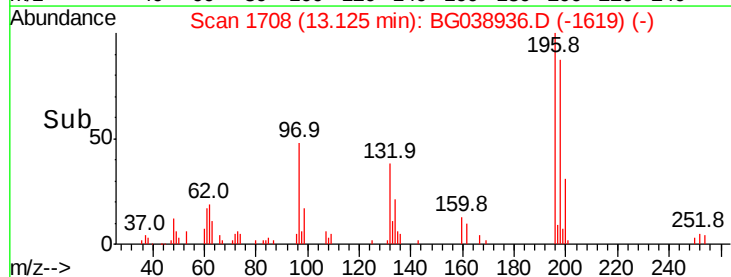
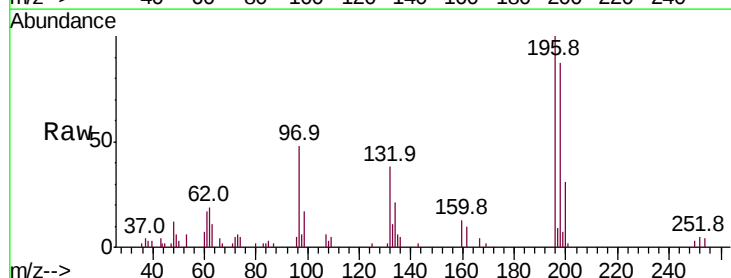
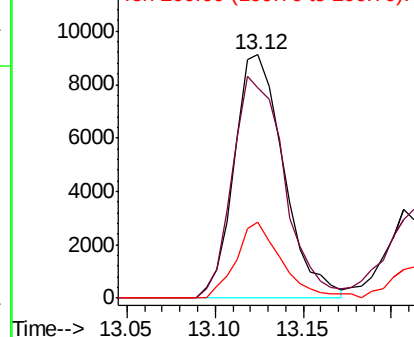
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	86.6	75.0	112.4	
200	31.4	22.4	33.6	

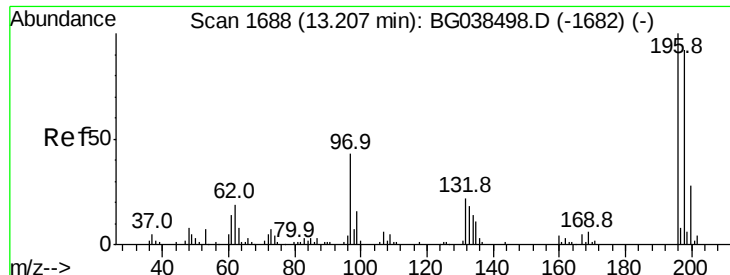
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





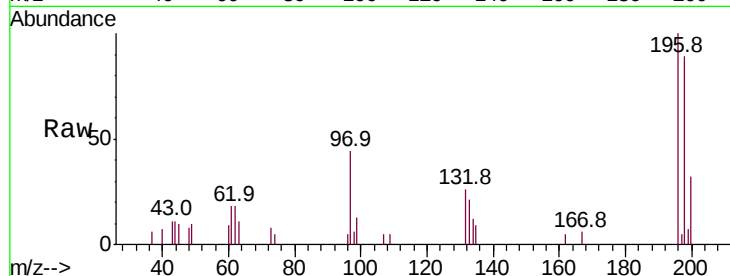
#44
 2,4,5-Trichlorophenol
 Concen: 5.155 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038936.D
 Acq: 4 Jan 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200030-RBR-200028-RT-3483

Tot Ion	196	Resp	9338
Ion Ratio	Lower	Upper	
196	100		
198	88.9	74.0	111.0
97	44.5	35.1	52.7
132	26.2	18.0	27.0

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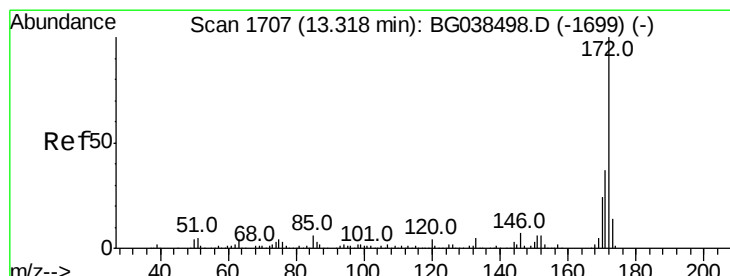
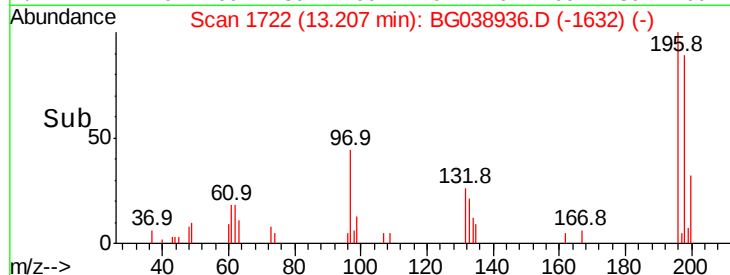
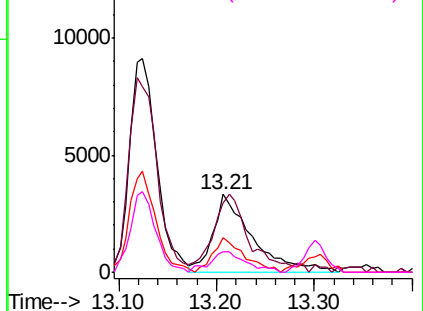
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.202 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038936.D
 Acq: 4 Jan 2019 19:09

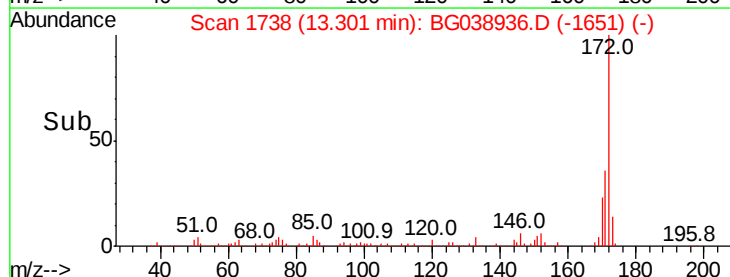
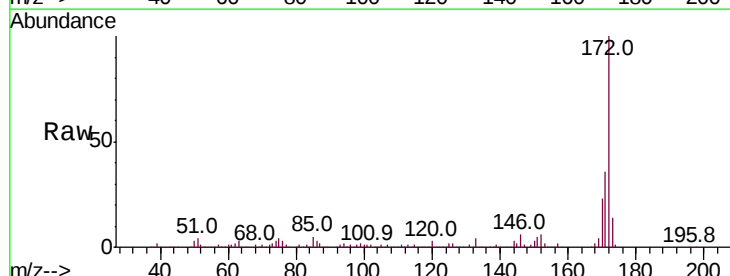
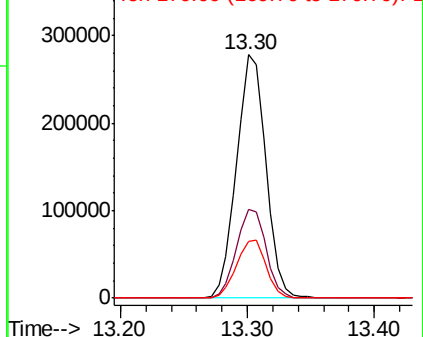
Tgt Ion	172	Resp	446026
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.8	44.6
170	23.3	19.5	29.3

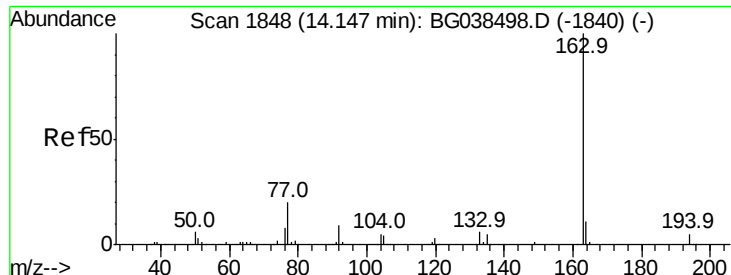
Abundance

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





#50

Dimethylphthalate

Concen: 2.144 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038936.D

Acq: 4 Jan 2019 19:09

Instrument :

BNA_G

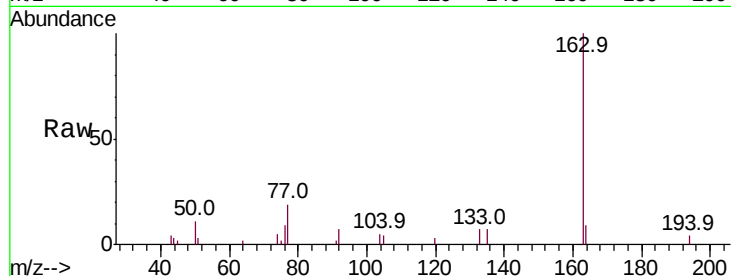
ClientSampleId :

RBR-200030-RBR-200028-RT-3483

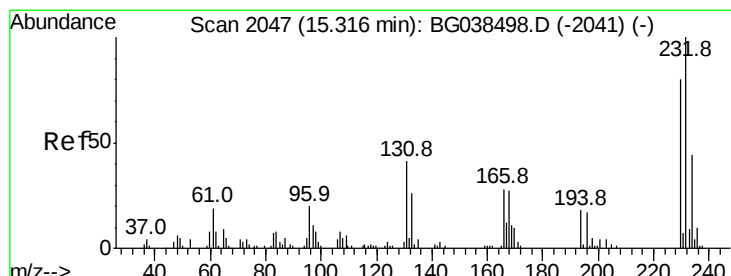
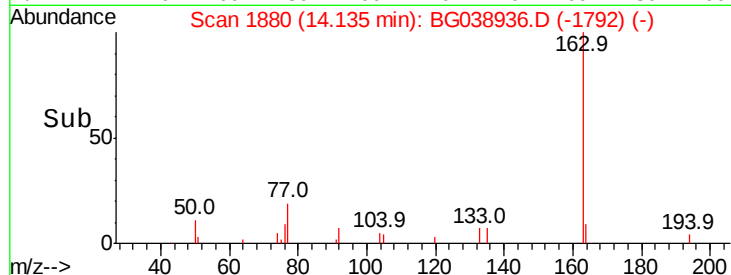
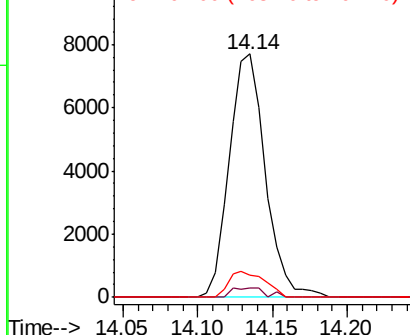
Tot Ion:	163	Resp:	13032
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.7	5.5
164	9.3	8.6	12.8

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 14.342 ng

RT: 15.31 min Scan# 2080

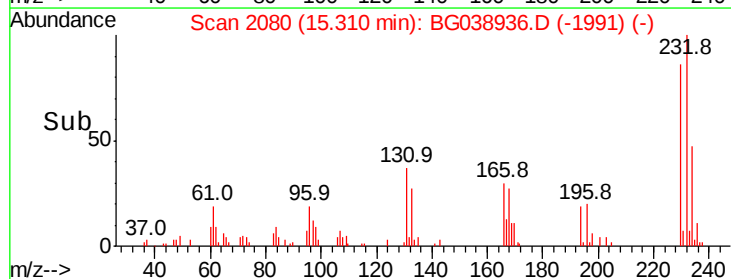
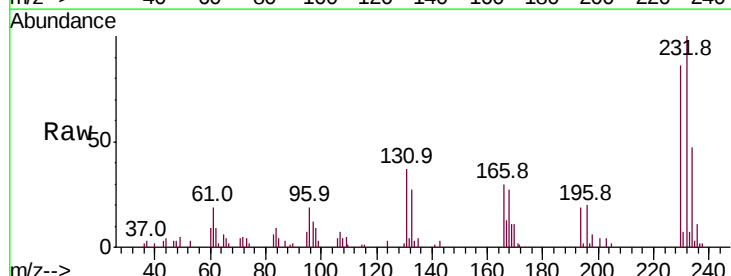
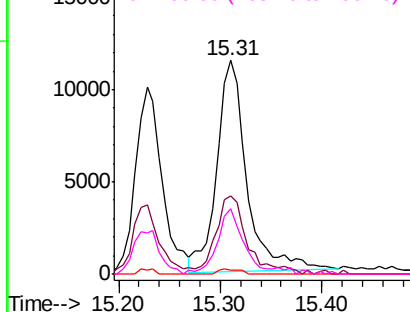
Delta R.T. -0.01 min

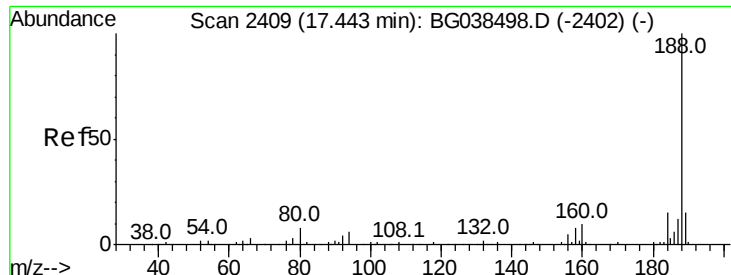
Lab File: BG038936.D

Acq: 4 Jan 2019 19:09

Tgt Ion:	232	Resp:	23372
Ion Ratio	Lower	Upper	
232	100		
131	38.3	33.0	49.4
130	1.6	2.0	3.0#
166	28.9	23.1	34.7

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038936.D

Acq: 4 Jan 2019 19:09

Instrument :

BNA_G

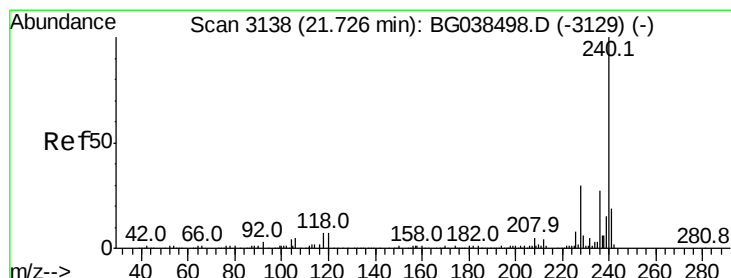
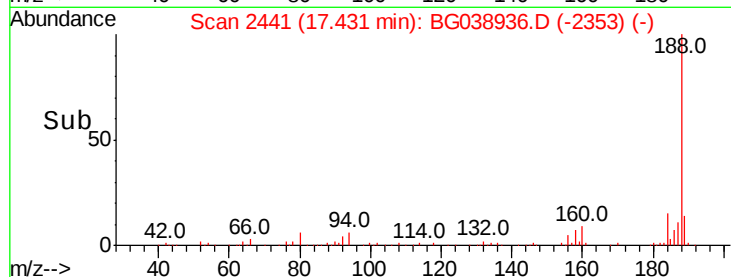
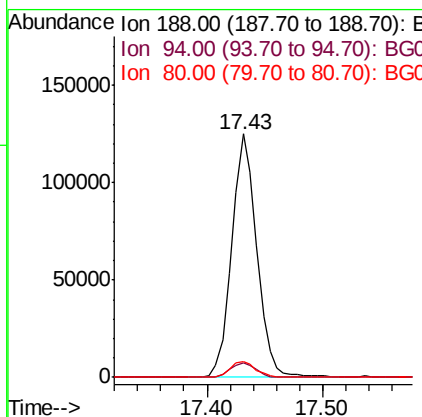
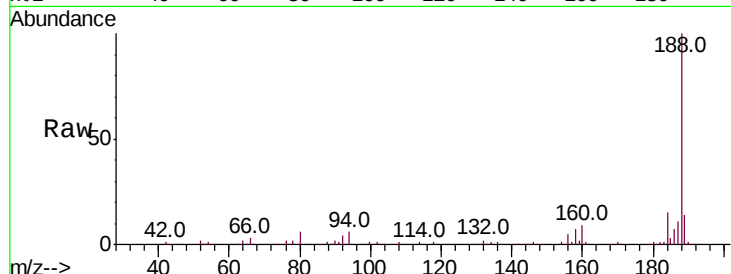
ClientSampleId :

RBR-200030-RBR-200028-RT-3483

Tot Ion:	188	Resp:	187454
Ion Ratio	Lower	Upper	
188	100		
94	6.0	5.1	7.7
80	6.4	6.1	9.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

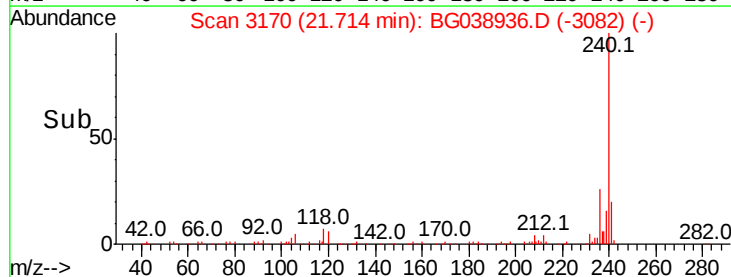
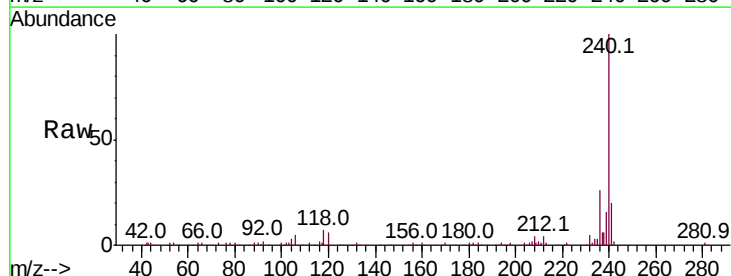
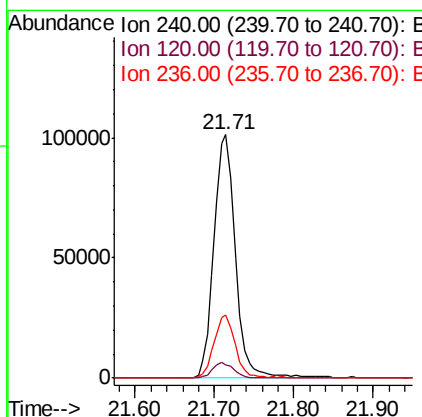
RT: 21.71 min Scan# 3170

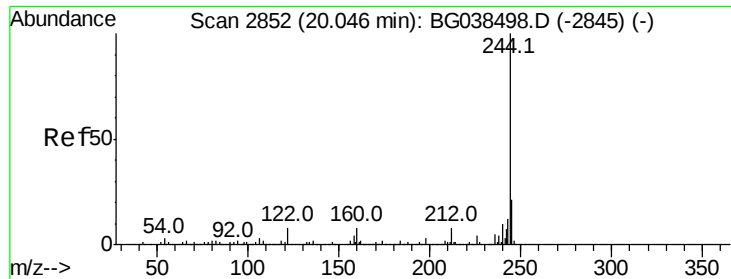
Delta R.T. -0.01 min

Lab File: BG038936.D

Acq: 4 Jan 2019 19:09

Tgt Ion:	240	Resp:	190562
Ion Ratio	Lower	Upper	
240	100		
120	5.7	5.3	7.9
236	25.7	21.4	32.2





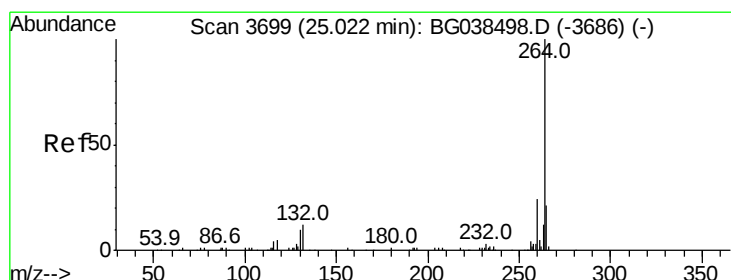
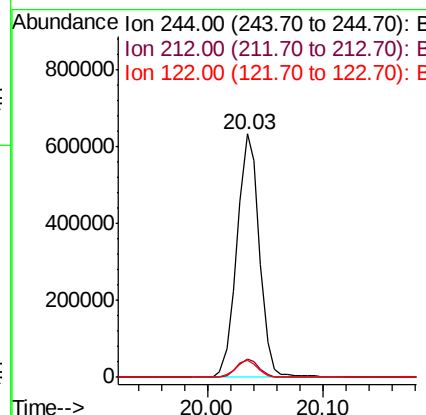
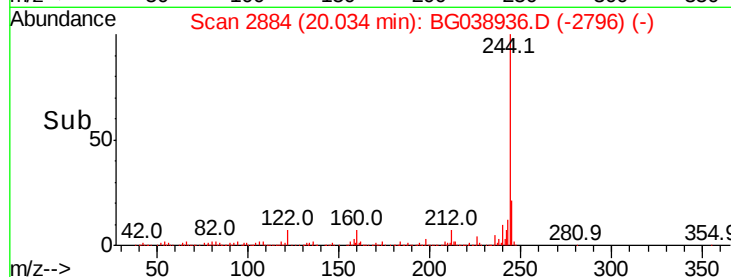
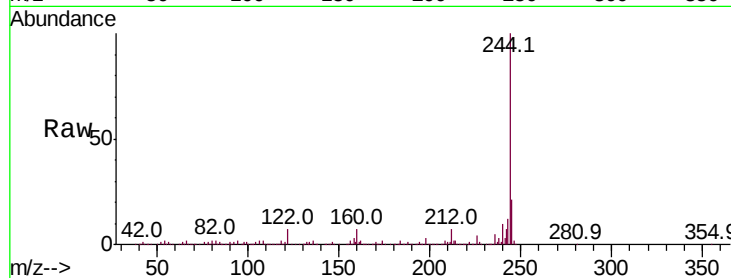
#79
 Terphenyl-d14
 Concen: 97.366 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG038936.D
 Acq: 4 Jan 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200030-RBR-200028-RT-3483

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.4	6.2	9.2	
122	7.1	6.3	9.5	

Manual Integrations
 APPROVED

Sohil
 1/7/2019 12:48:16 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.02 min
 Lab File: BG038936.D
 Acq: 4 Jan 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	18.9	28.3	
265	20.9	17.0	25.4	

