

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038794.D
 Acq On : 21 Dec 2018 20:07
 Operator : JU/SJ
 Sample : J6426-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013C-3642-01

Manual Integrations
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Sohil
 12/26/2018 3:17:30 PM

Quant Time: Dec 22 03:14:27 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	28687	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	111754	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	74339	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	154272	20.00	ng	0.00
76) Chrysene-d12	21.74	240	168330	20.00	ng	0.01
87) Perylene-d12	25.06	264	180527	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	173096	107.02	ng	0.03
7) Phenol-d6	7.22	99	238839	107.57	ng	0.01
23) Nitrobenzene-d5	9.24	82	154759	70.75	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	128098	125.03	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	417494	77.04	ng	0.00
79) Terphenyl-d14	20.05	244	671019	86.76	ng	0.00
Target Compounds						
10) Phenol	7.25	94	21185	8.981	ng	84
14) 1,2-Dichlorobenzene	8.41	146	6345	2.969	ng	# 92
17) 2-Methylphenol	8.50	107	3335	2.110	ng	# 87
20) 3+4-Methylphenols	8.83	107	8759	4.013	ng	88
30) 1,2,4-Trichlorobenzene	10.74	180	123100	56.434	ng	98
31) Naphthalene	10.93	128	321811	58.445	ng	99
37) 2-Methylnaphthalene	12.53	142	323799	82.429	ng	98
38) 1-Methylnaphthalene	12.75	142	177751m	46.631	ng	
46) 1,1'-Biphenyl	13.53	154	66700	10.703	ng	99
50) Dimethylphthalate	14.14	163	40580	6.684	ng	# 96
58) Fluorene	15.75	166	29548	5.407	ng	# 84
71) Phenanthrene	17.49	178	151951	18.994	ng	99
78) Pyrene	19.87	202	30419	2.735	ng	# 75
84) Bis(2-ethylhexyl)phthalate	21.58	149	13032	2.115	ng	# 64

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

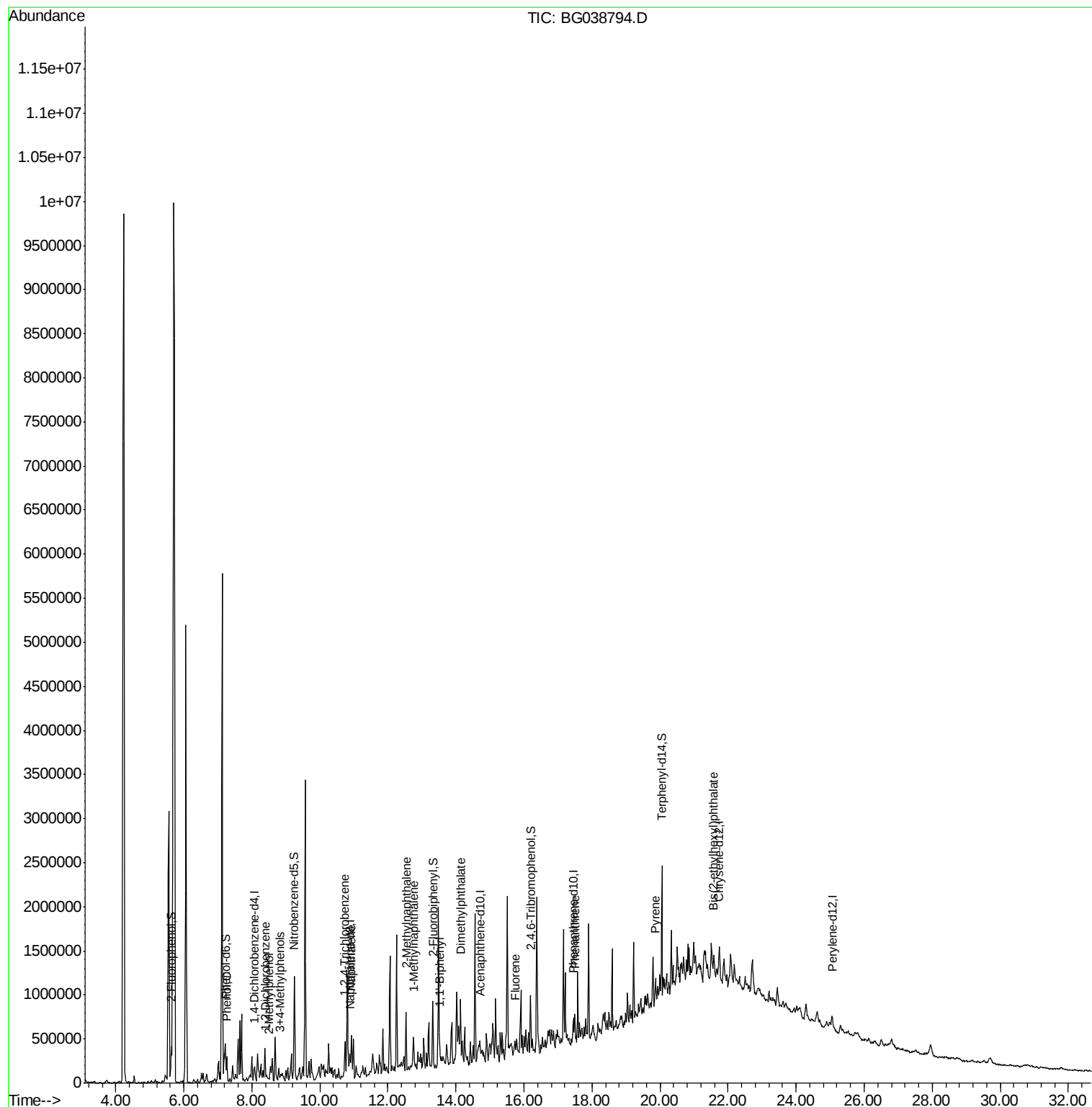
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038794.D
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ALS Vial : 7 Sample Multiplier: 1

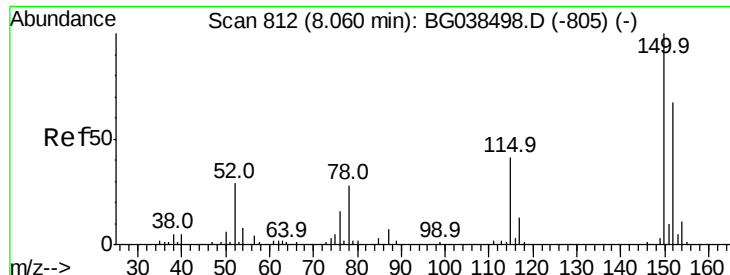
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
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#1

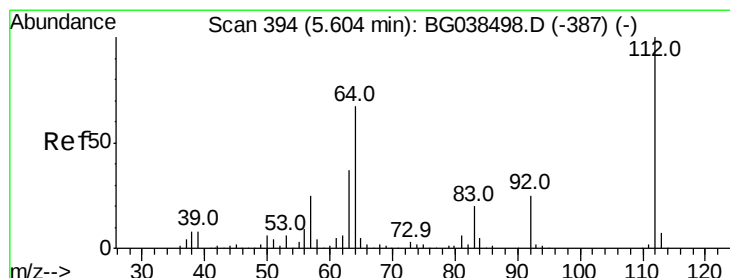
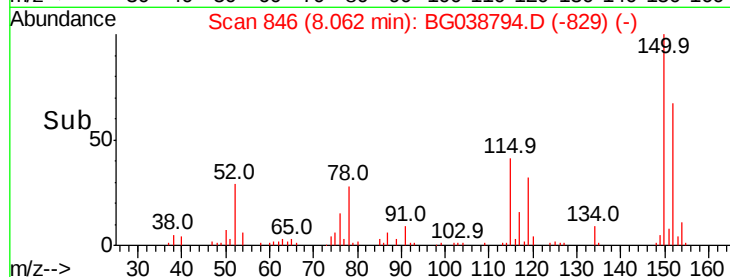
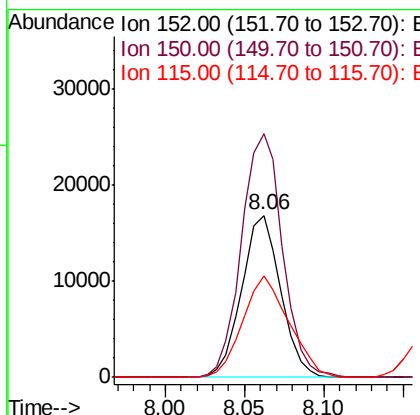
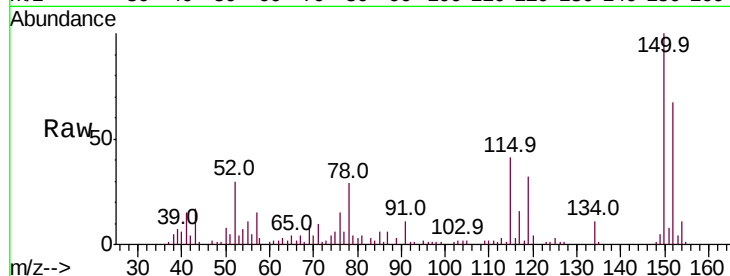
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Instrument :
BNA_G
ClientSampleId :
P001-SS013C-3642-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.5	179.3
115	62.3	49.6	74.4

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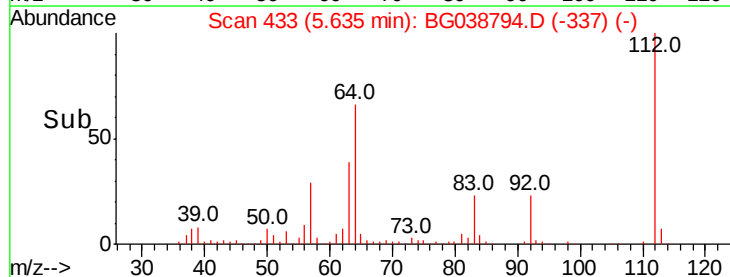
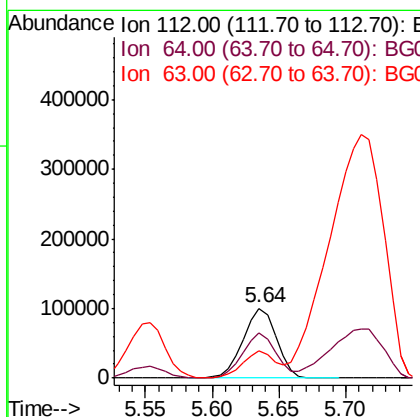
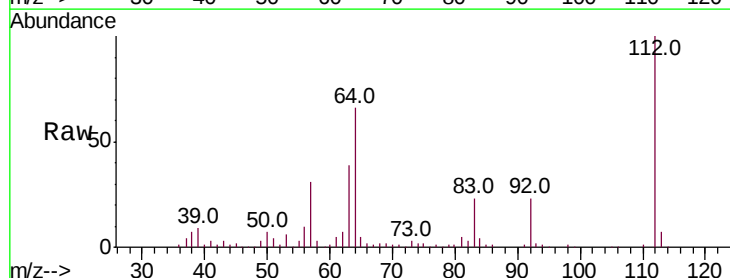
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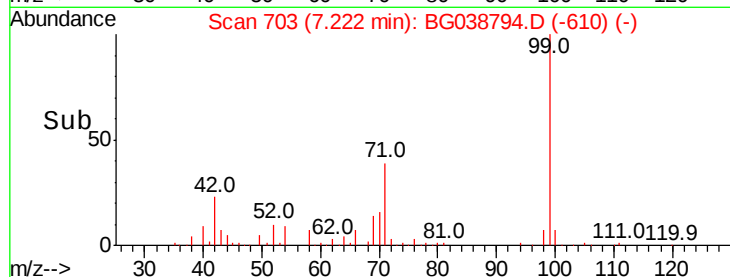
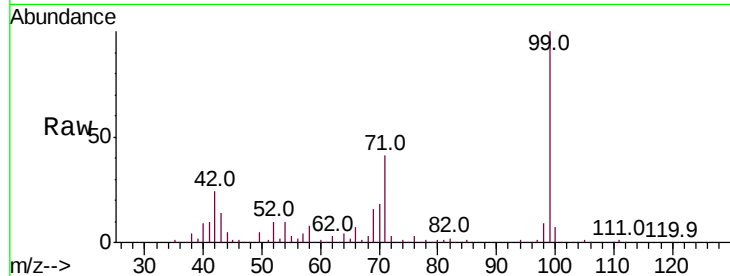
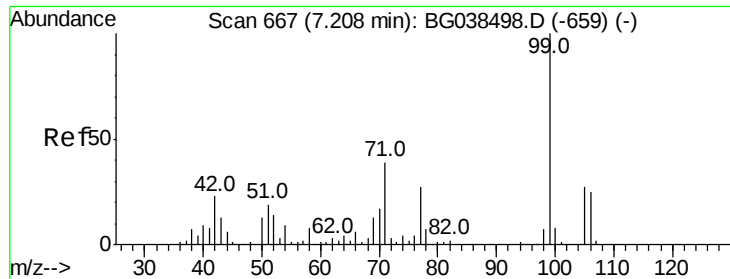


#5

2-Fluorophenol
Concen: 107.021 ng
RT: 5.64 min Scan# 433
Delta R.T. 0.03 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.4	80.2
63	39.3	29.3	43.9





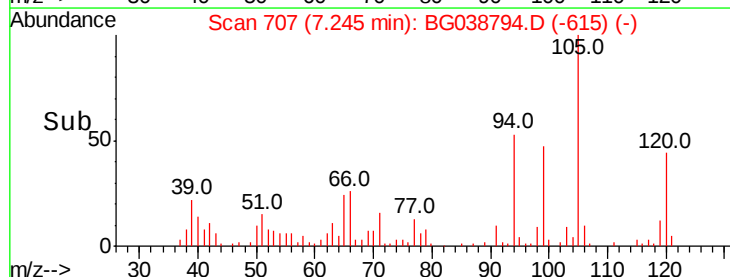
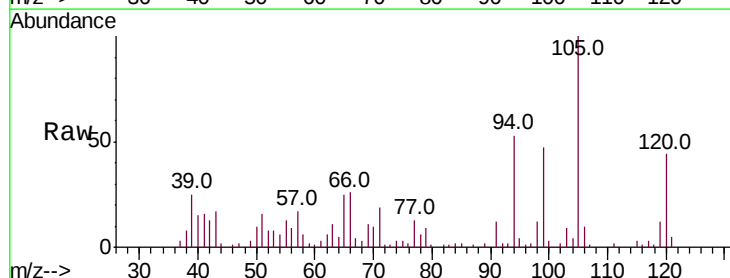
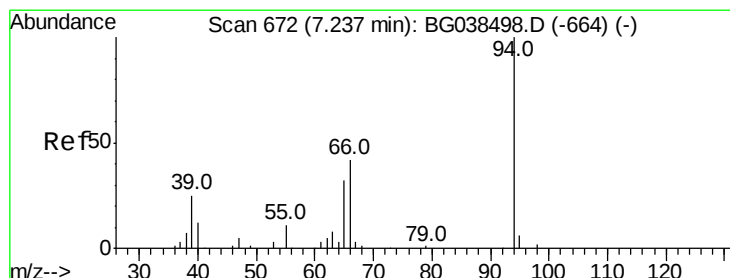
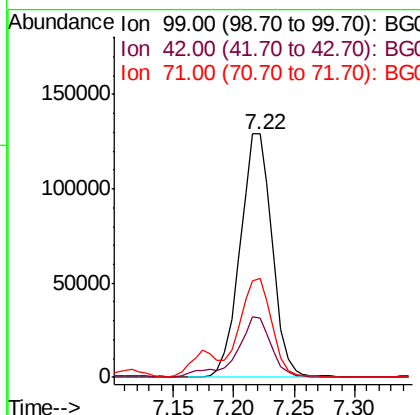
#7
Phenol-d6
Concen: 107.567 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Tot Ion	Ratio	Resp	Lower	Upper
99	100	238839		
42	24.5		18.5	27.7
71	40.8		31.1	46.7

Instrument :
BNA_G
ClientSampleId :
P001-SS013C-3642-01

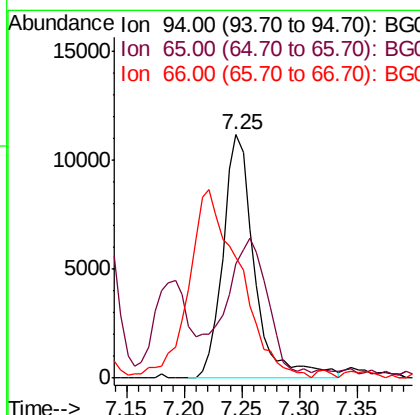
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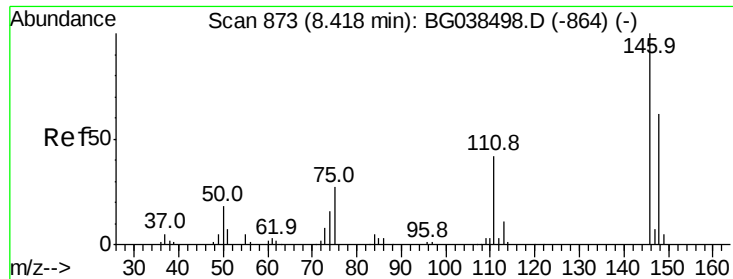
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#10
Phenol
Concen: 8.981 ng
RT: 7.25 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	21185		
65	47.2		12.6	52.6
66	49.5		24.1	64.1





#14

1,2-Dichlorobenzene

Concen: 2.969 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG038794.D

Acq: 21 Dec 2018 20:07

Instrument :

BNA_G

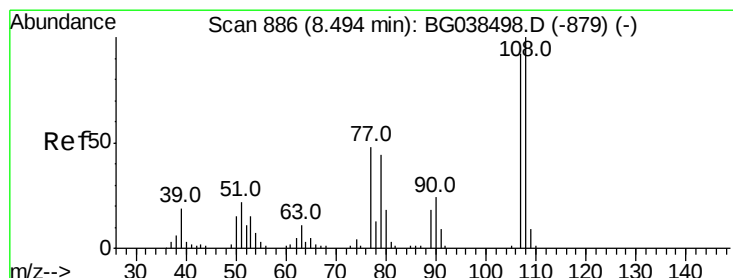
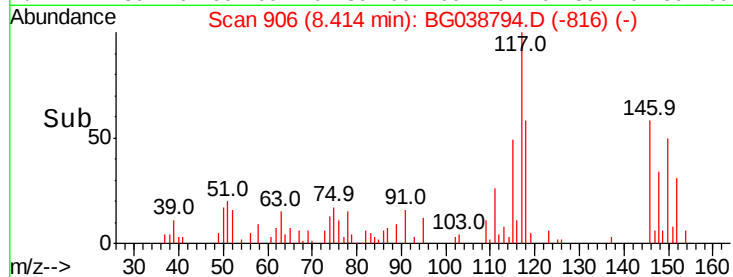
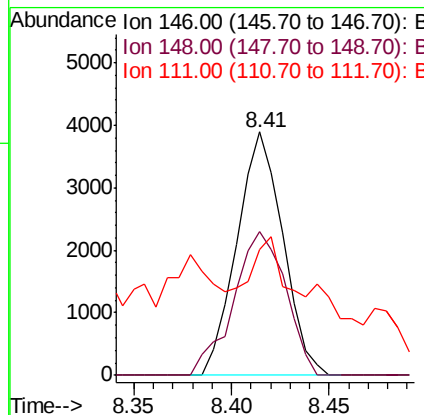
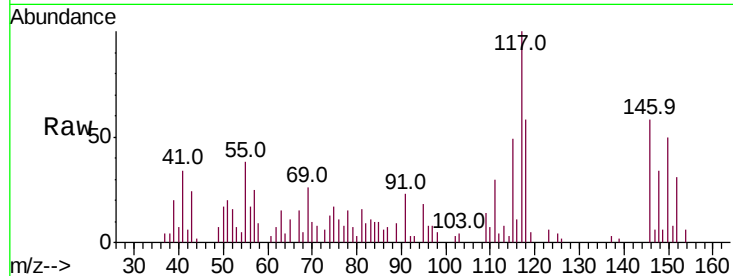
ClientSampleId :

P001-SS013C-3642-01

Tot Ion:	146	Resp:	6345
Ion Ratio	Lower	Upper	
146	100		
148	59.3	49.4	74.0
111	51.8	33.8	50.6#

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#17

2-Methylphenol

Concen: 2.110 ng

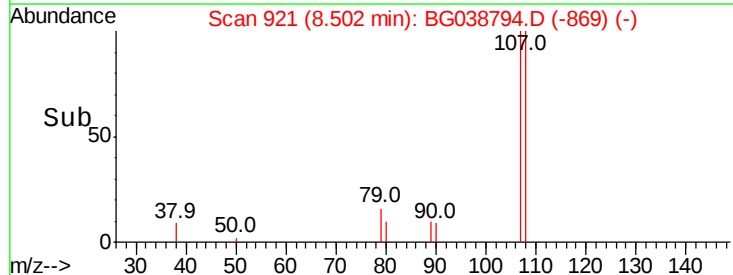
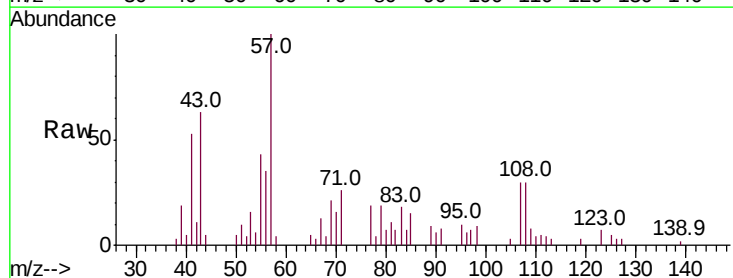
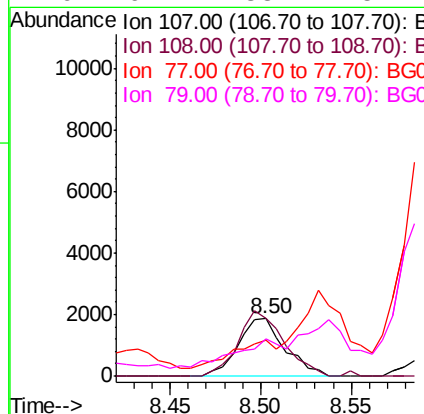
RT: 8.50 min Scan# 921

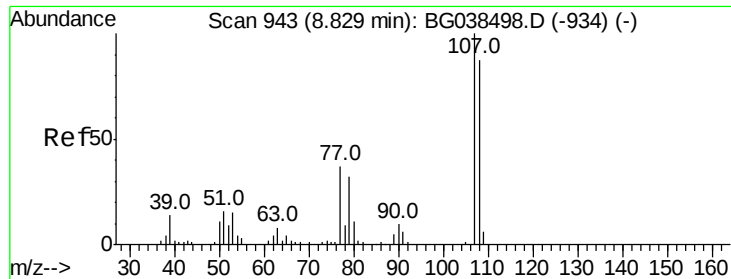
Delta R.T. 0.01 min

Lab File: BG038794.D

Acq: 21 Dec 2018 20:07

Tgt Ion:	107	Resp:	3335
Ion Ratio	Lower	Upper	
107	100		
108	100.1	87.1	130.7
77	62.2	42.0	63.0
79	64.2	38.2	57.2#





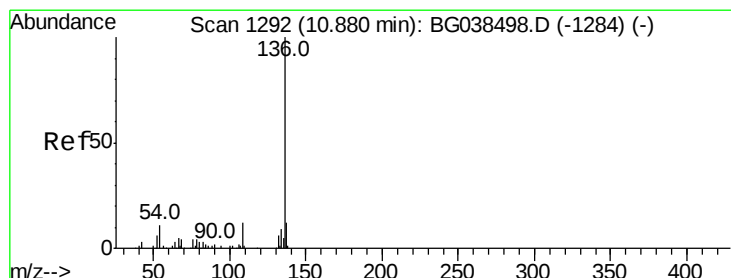
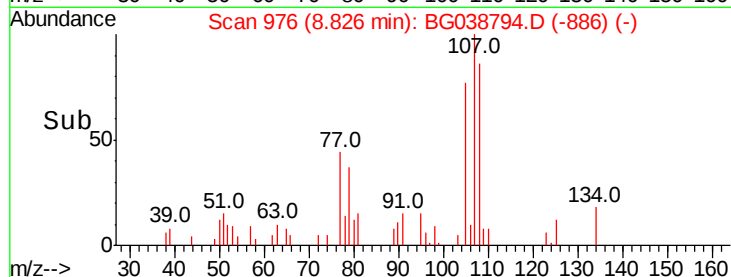
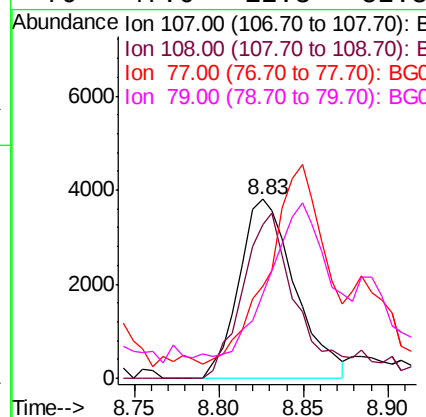
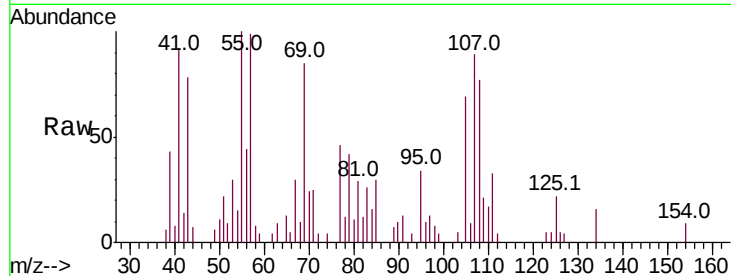
#20
3+4-Methylphenols
Concen: 4.013 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Instrument :
BNA_G
ClientSampleId :
P001-SS013C-3642-01

Tot Ion	107	Resp:	8759
Ion Ratio	Lower	Upper	
107	100		
108	86.2	66.7	106.7
77	51.8	17.3	57.3
79	47.6	12.3	52.3

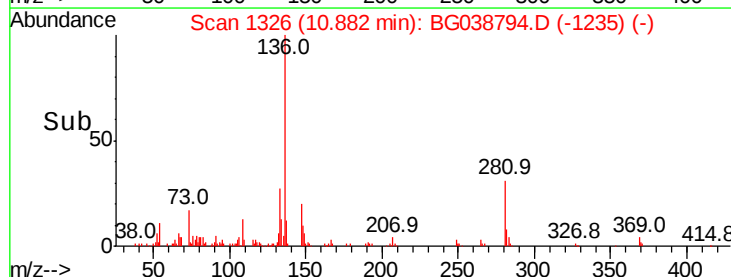
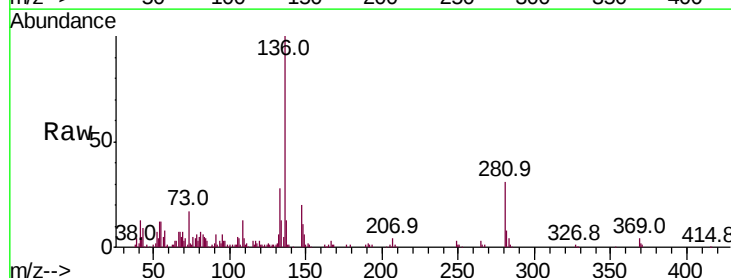
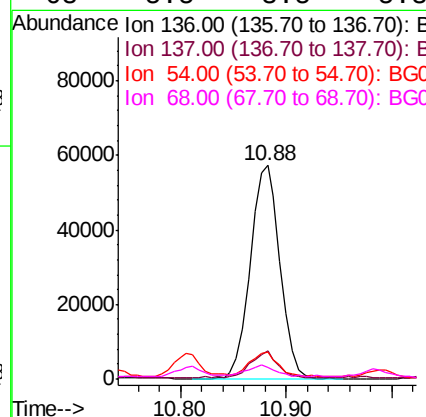
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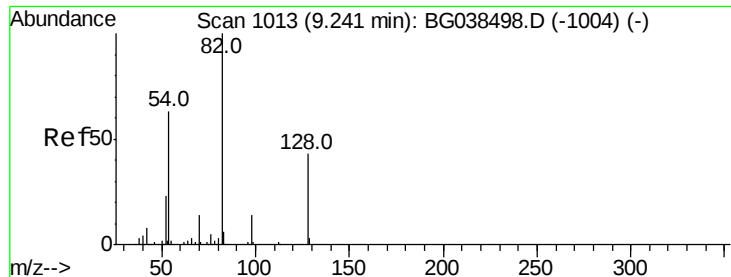
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Tgt Ion	136	Resp:	111754
Ion Ratio	Lower	Upper	
136	100		
137	13.0	9.3	13.9
54	12.3	8.5	12.7
68	5.5	3.5	5.3#





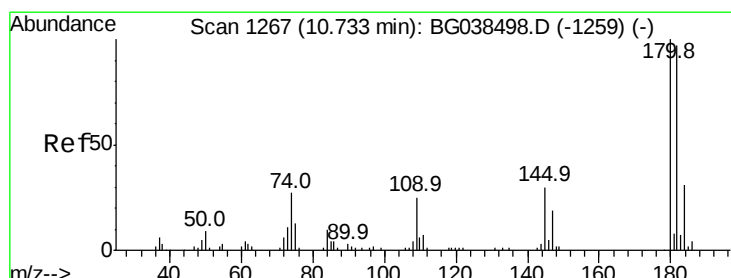
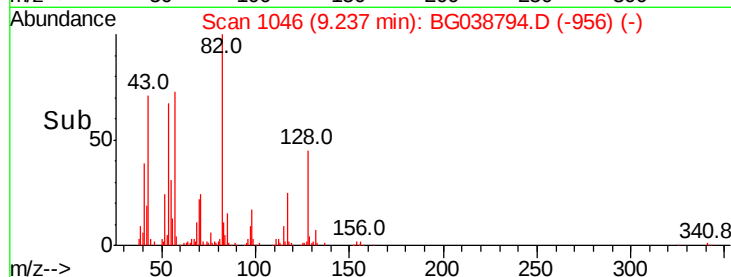
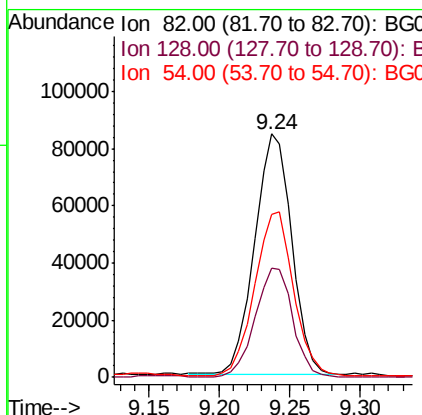
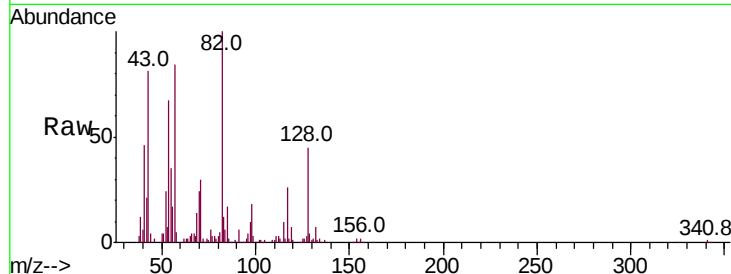
#23
Nitrobenzene-d5
Concen: 70.746 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Instrument :
BNA_G
ClientSampleId :
P001-SS013C-3642-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	52.0
54	66.9	50.6	76.0

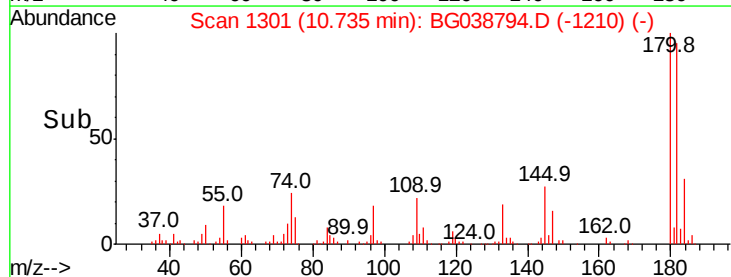
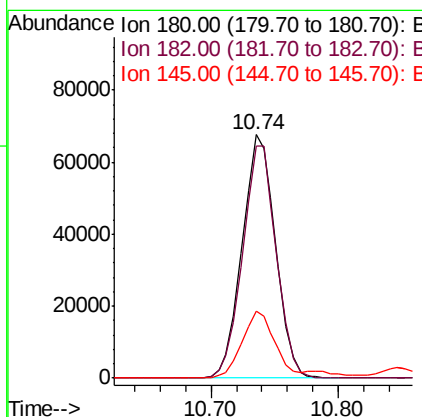
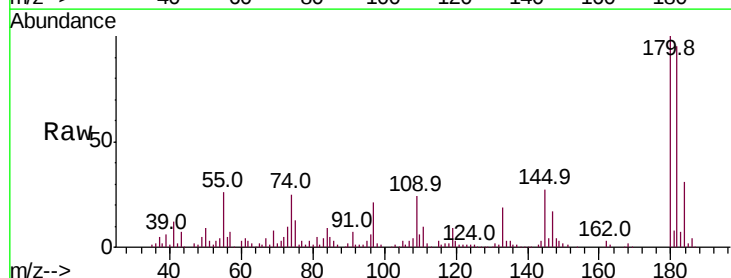
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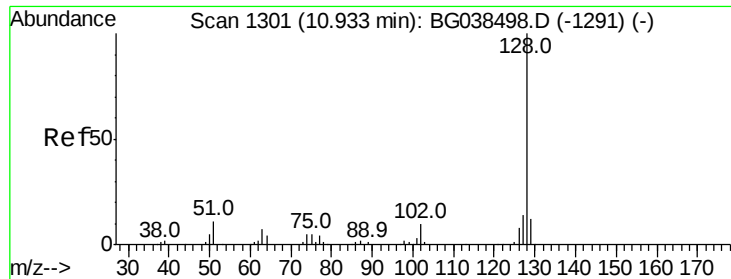
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#30
1,2,4-Trichlorobenzene
Concen: 56.434 ng
RT: 10.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.4	116.0
145	27.3	24.1	36.1





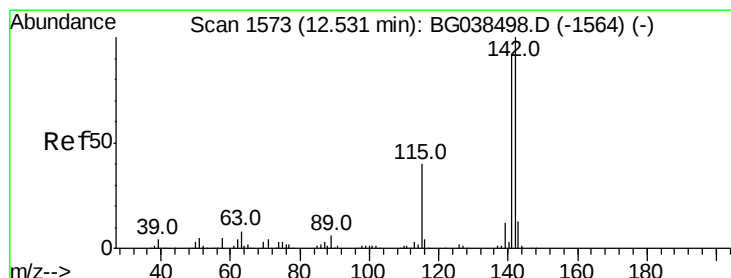
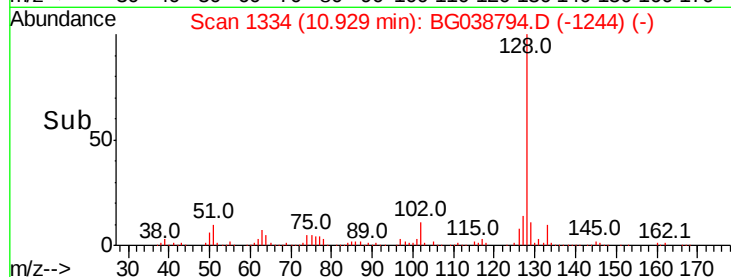
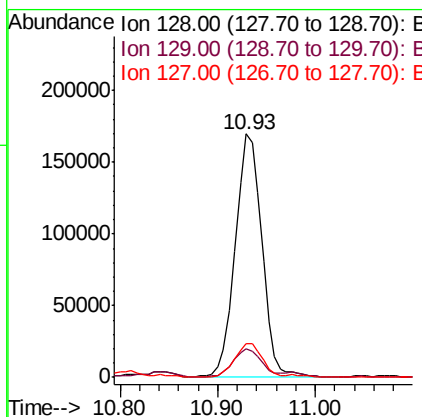
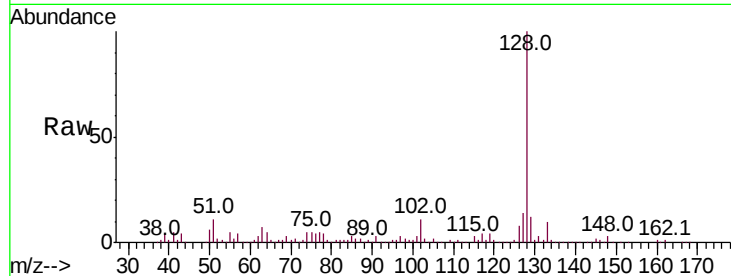
#31
Naphthalene
Concen: 58.445 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Instrument :
BNA_G
ClientSampleId :
P001-SS013C-3642-01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	321811		
129	11.6	9.5	14.3	
127	14.1	10.9	16.3	

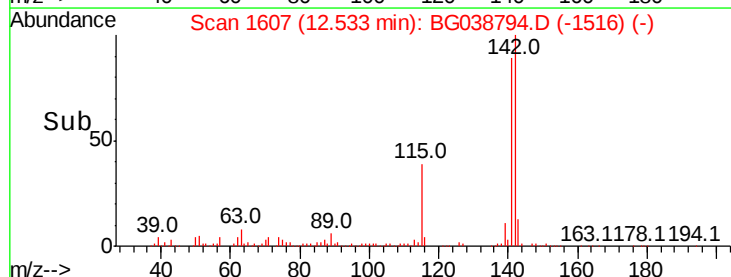
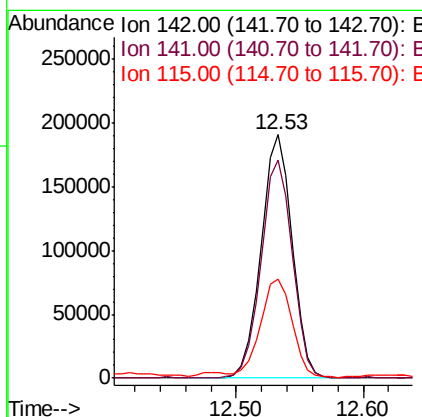
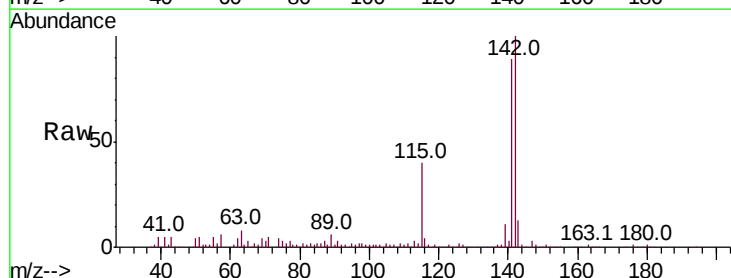
Manual Integrations
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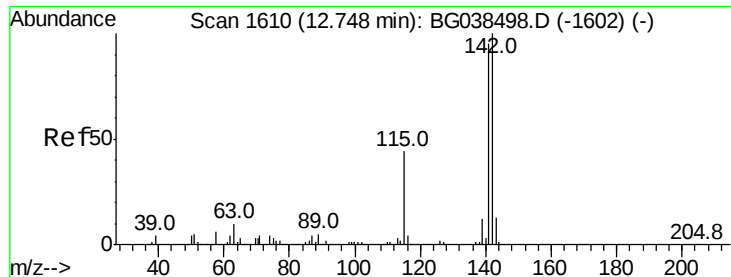
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#37
2-Methylnaphthalene
Concen: 82.429 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	323799		
141	89.4	73.5	110.3	
115	40.4	31.7	47.5	





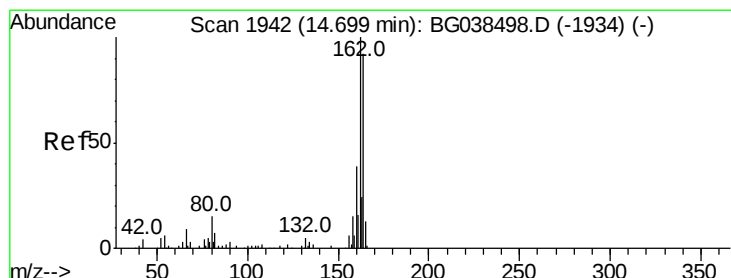
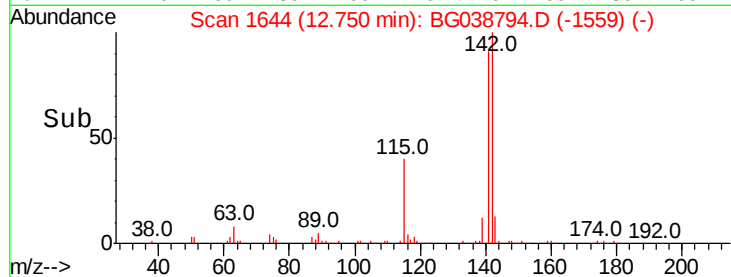
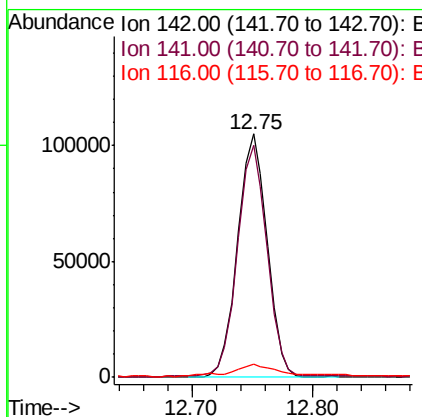
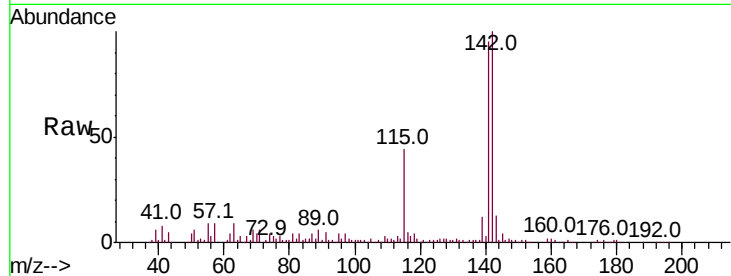
#38
1-Methylnaphthalene
Concen: 46.631 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Instrument :
BNA_G
ClientSampleId :
P001-SS013C-3642-01

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.2	75.8	113.8
116	5.4	3.6	5.4#

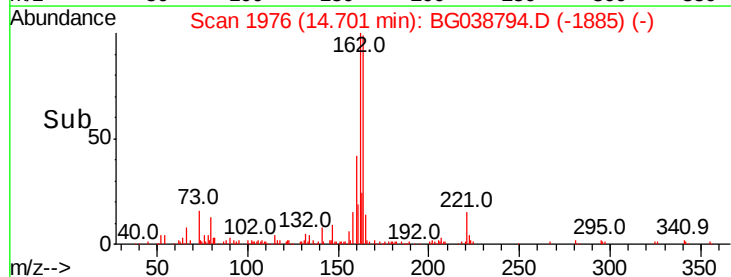
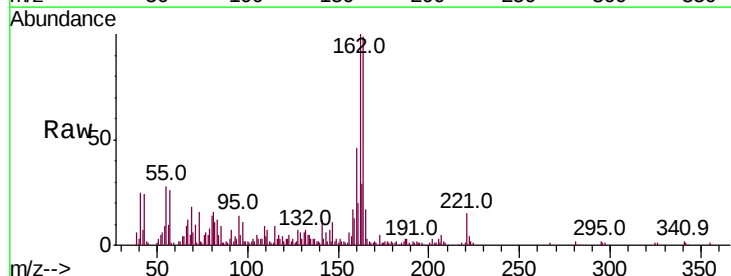
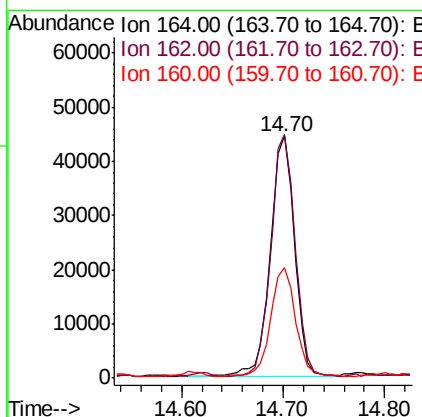
Manual Integrations
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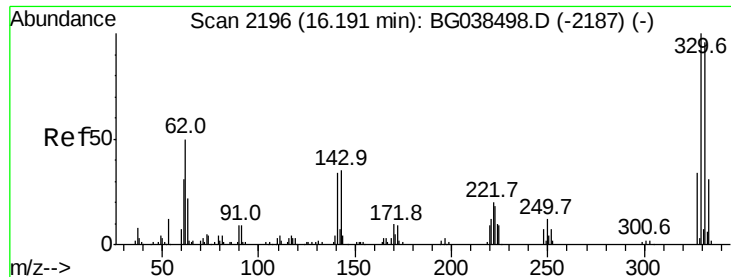
Sohil
12/26/2018 3:17:30 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.6	130.0
160	45.9	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 125.032 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG038794.D

Acq: 21 Dec 2018 20:07

Instrument :

BNA_G

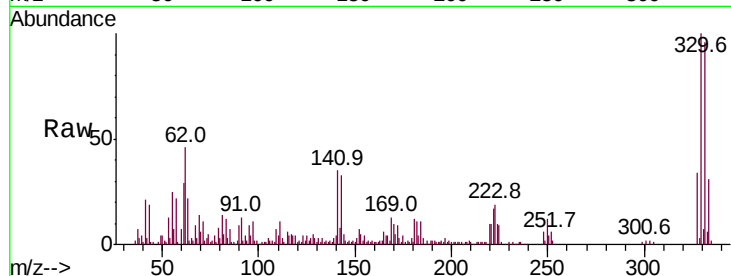
ClientSampleId :

P001-SS013C-3642-01

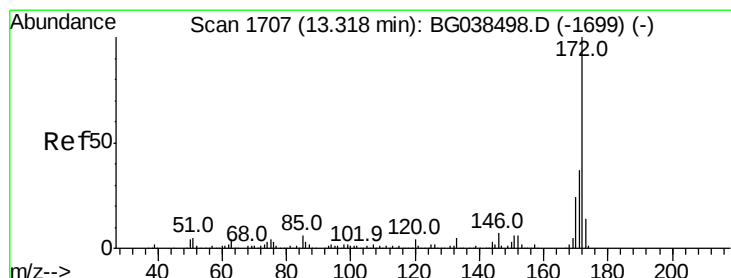
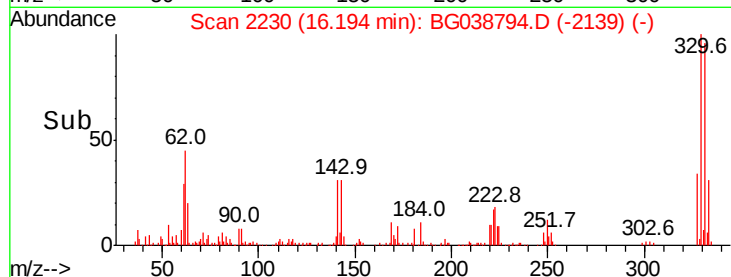
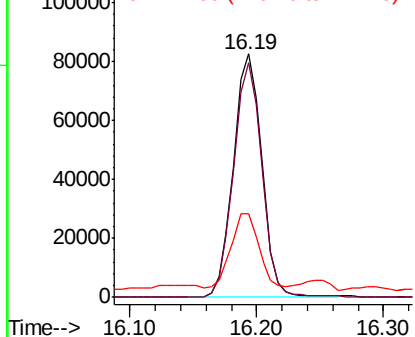
Tot Ion:	330	Resp:	128098
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.9	115.3
141	31.5	28.8	43.2

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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



#45

2-Fluorobiphenyl

Concen: 77.044 ng

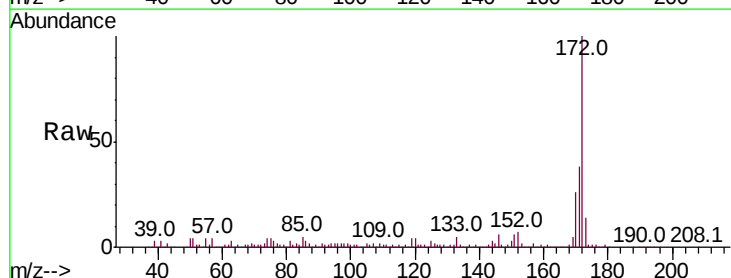
RT: 13.32 min Scan# 1741

Delta R.T. 0.00 min

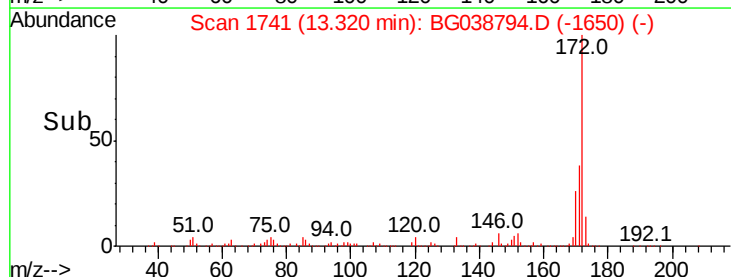
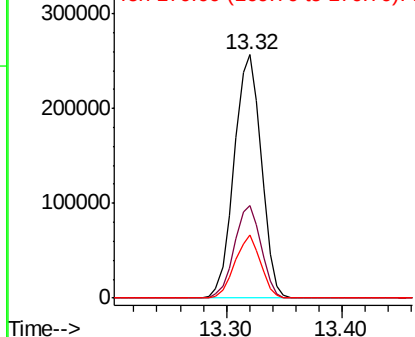
Lab File: BG038794.D

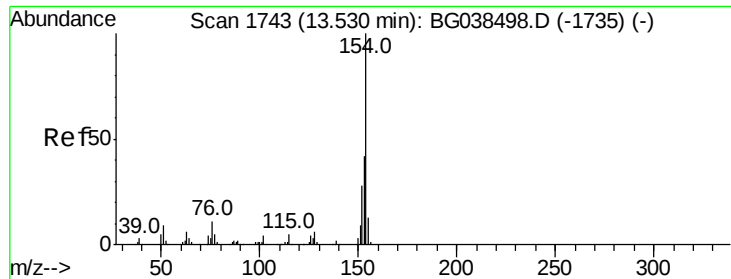
Acq: 21 Dec 2018 20:07

Tgt Ion:	172	Resp:	417494
Ion Ratio	Lower	Upper	
172	100		
171	38.1	29.8	44.6
170	25.8	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





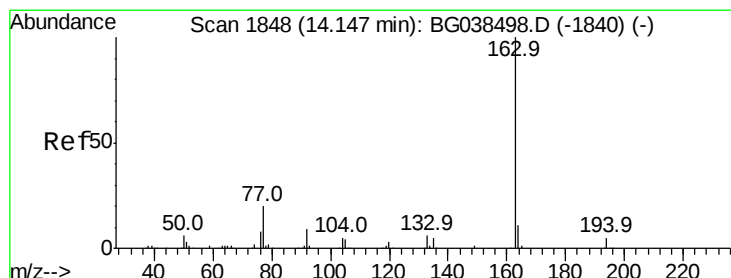
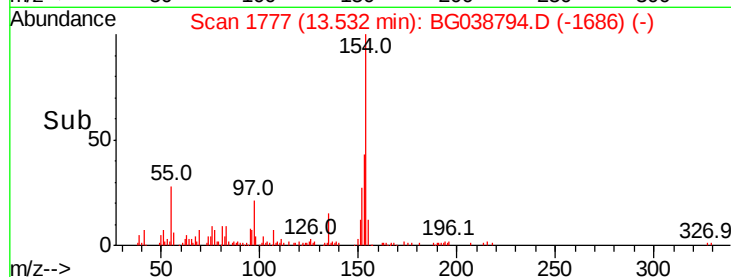
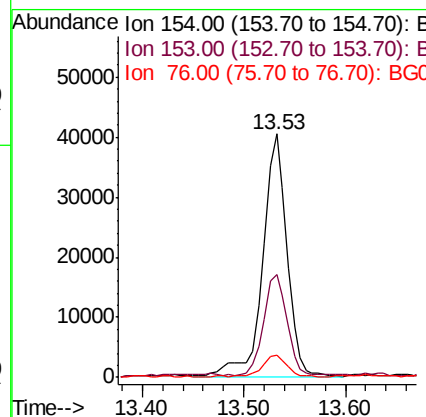
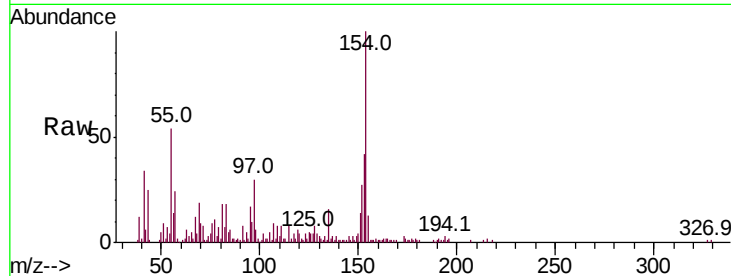
#46
 1,1'-Biphenyl
 Concen: 10.703 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG038794.D
 Acq: 21 Dec 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013C-3642-01

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.1	62.1
76	9.2	0.0	31.2

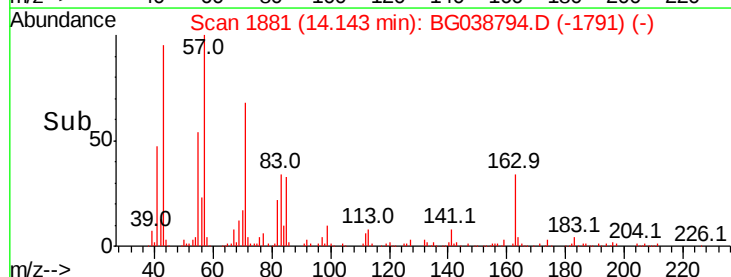
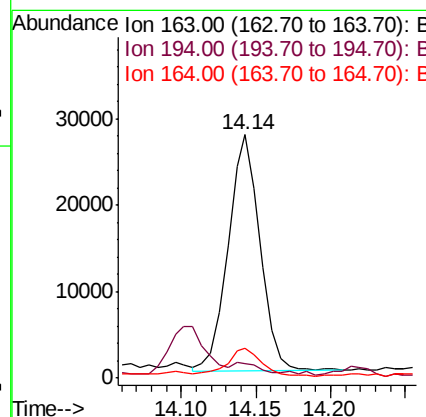
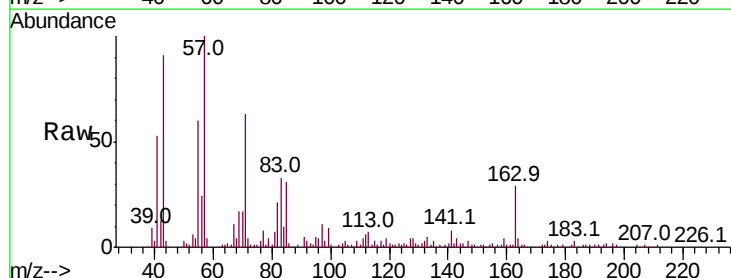
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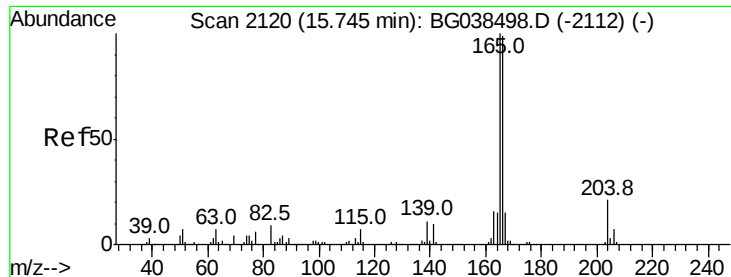
Sohil
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#50
 Dimethylphthalate
 Concen: 6.684 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG038794.D
 Acq: 21 Dec 2018 20:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.7	5.5#
164	12.3	8.6	12.8





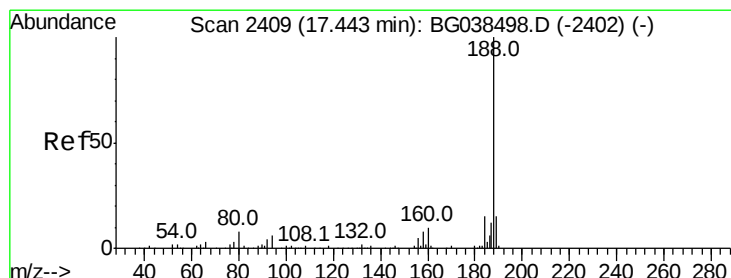
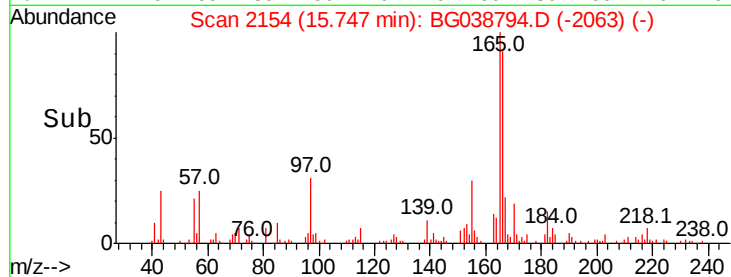
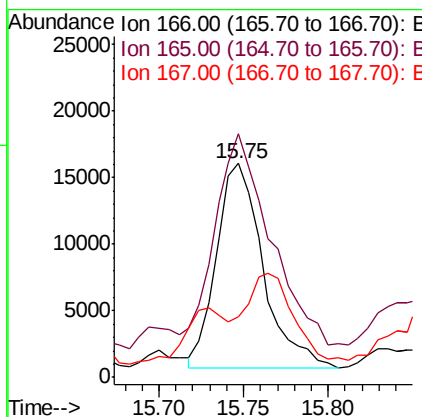
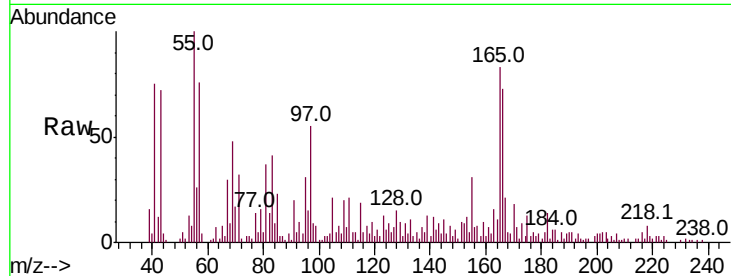
#58
Fluorene
 Concen: 5.407 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG038794.D
 Acq: 21 Dec 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013C-3642-01

Tot Ion	Ratio	Lower	Upper
166	100		
165	113.9	80.6	120.8
167	28.6	12.0	18.0

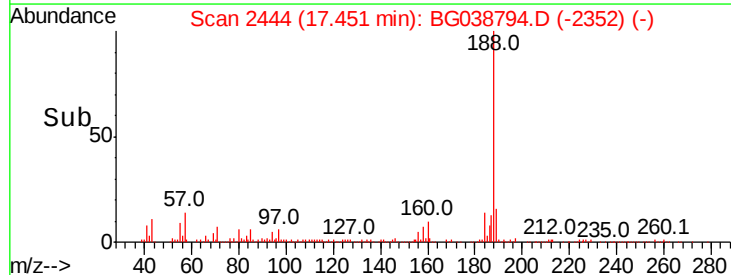
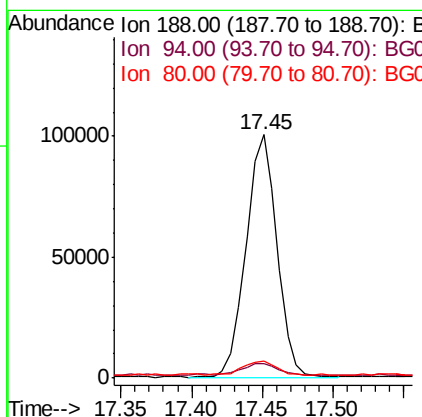
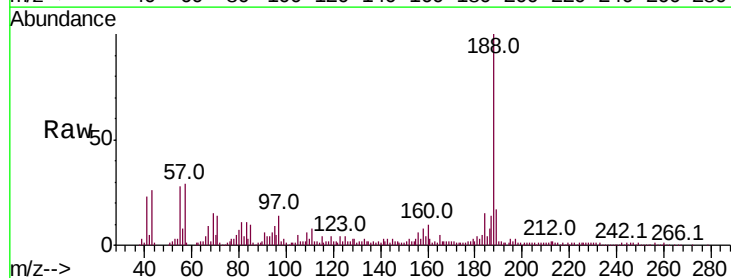
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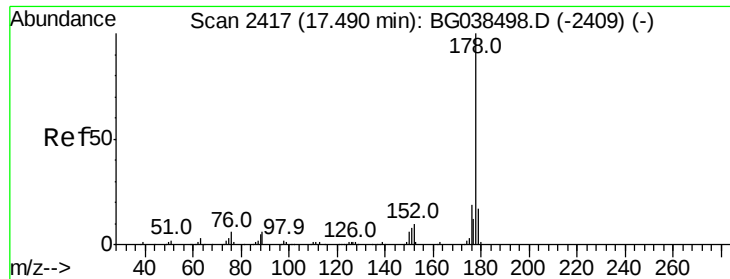
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG038794.D
 Acq: 21 Dec 2018 20:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.1	7.7
80	6.8	6.1	9.1





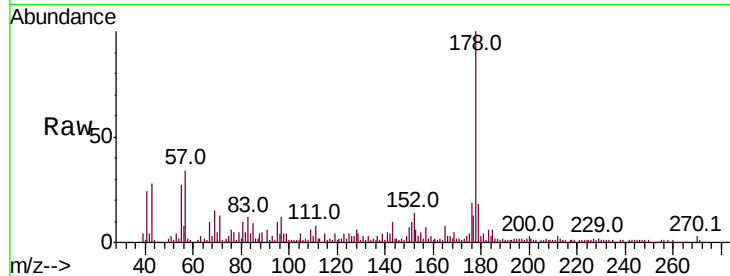
#71
Phenanthrene
Concen: 18.994 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Instrument :
BNA_G
ClientSampleId :
P001-SS013C-3642-01

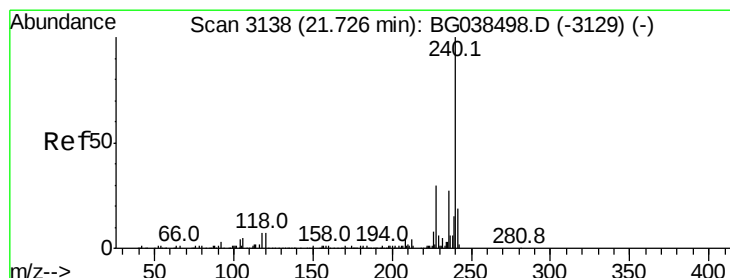
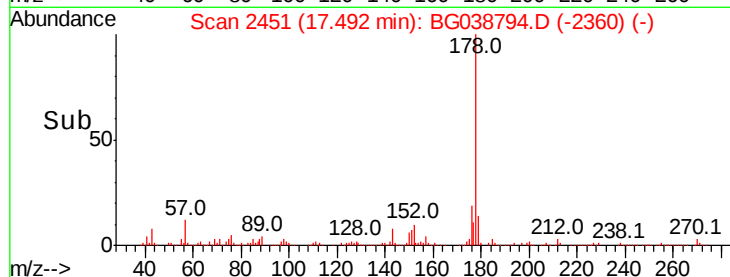
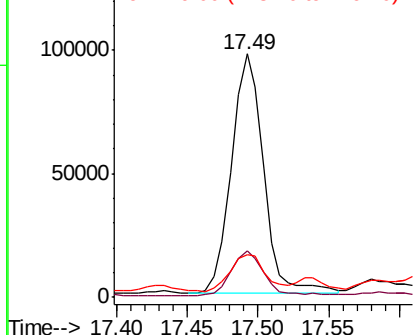
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	17.6	13.2	19.8

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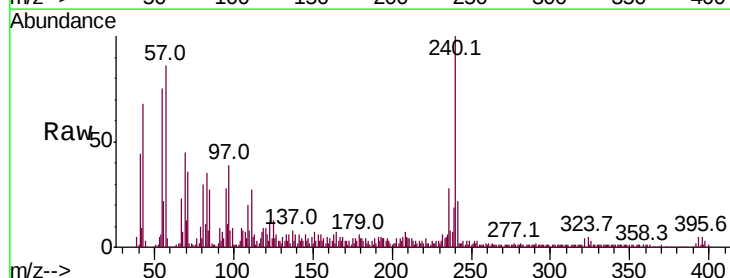


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

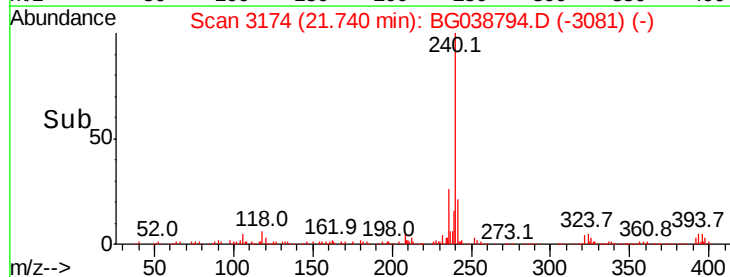
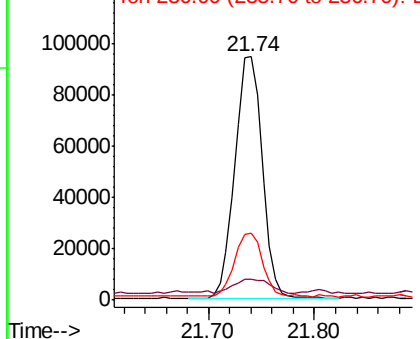


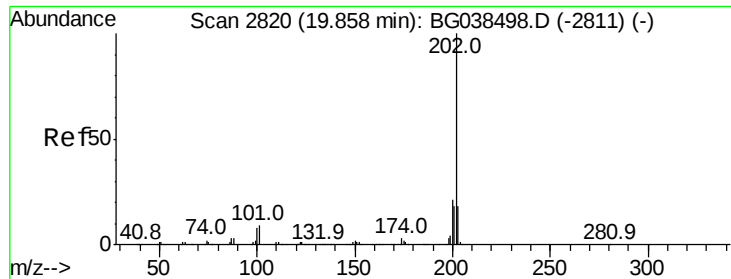
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.3	7.9#
236	27.7	21.4	32.2



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





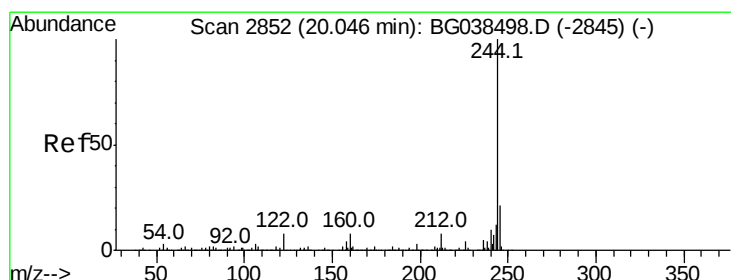
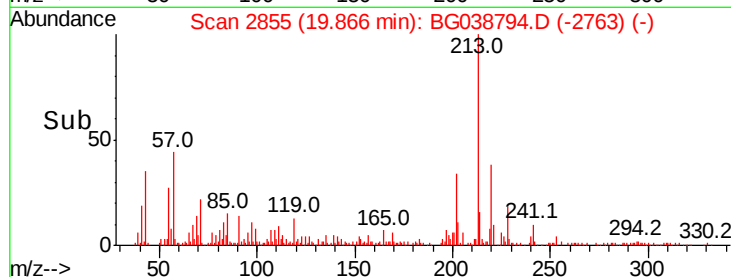
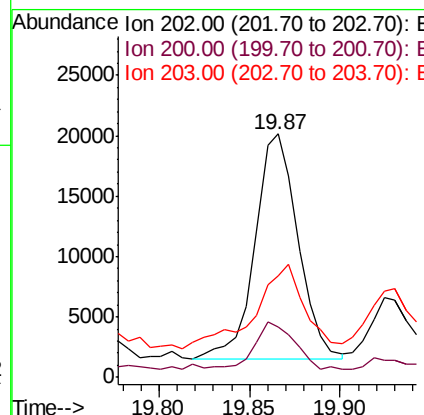
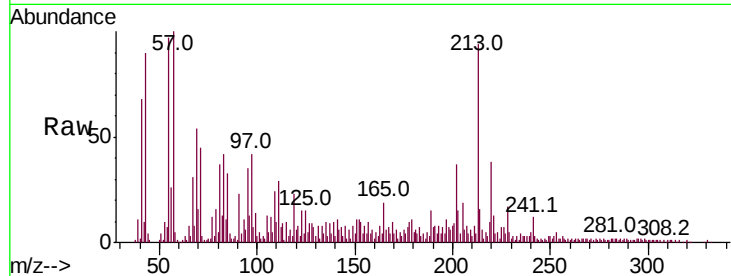
#78
Pvrene
Concen: 2.735 ng
RT: 19.87 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Instrument :
BNA_G
ClientSampleId :
P001-SS013C-3642-01

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	41.7	14.6	21.8

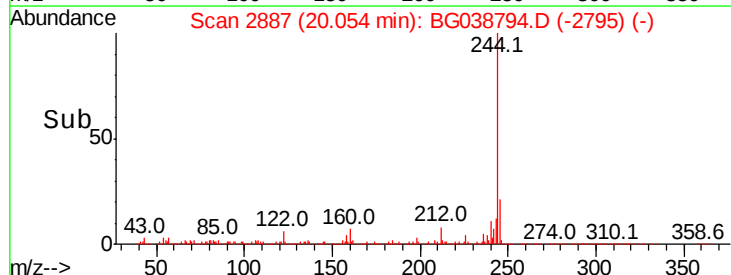
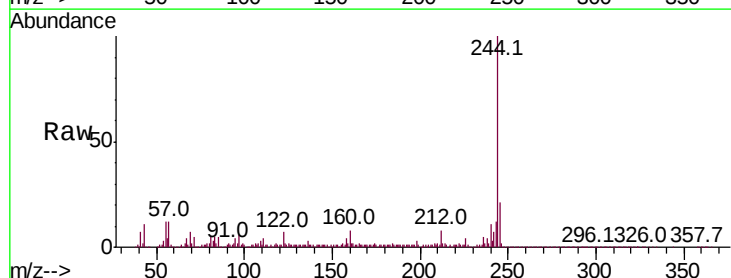
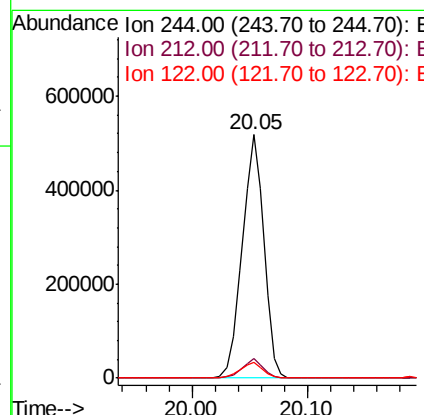
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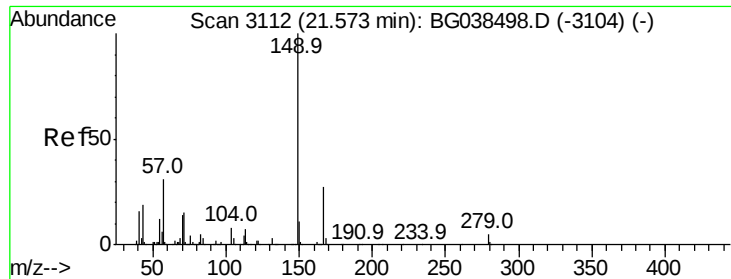
Sohil
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#79
Terphenyl-d14
Concen: 86.756 ng
RT: 20.05 min Scan# 2887
Delta R.T. 0.01 min
Lab File: BG038794.D
Acq: 21 Dec 2018 20:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	6.6	6.3	9.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.115 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG038794.D

Acq: 21 Dec 2018 20:07

Instrument :

BNA_G

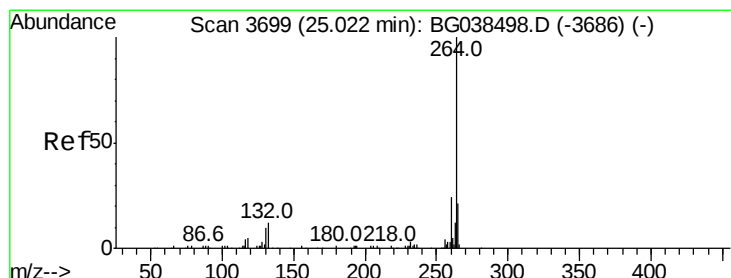
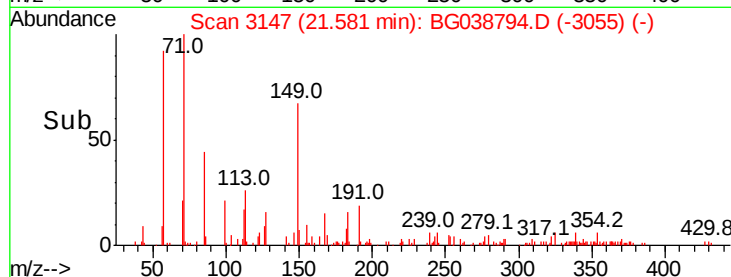
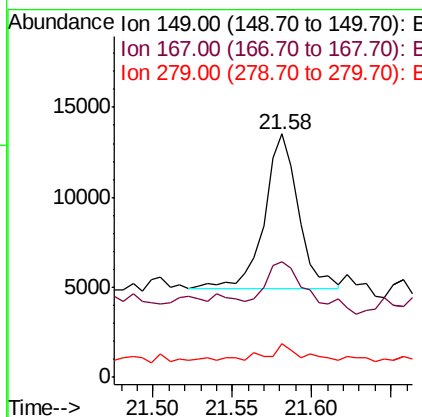
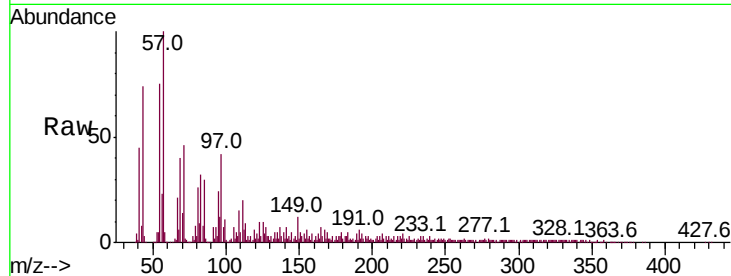
ClientSampleId :

P001-SS013C-3642-01

Tot Ion:	149	Resp:	13032
Ion Ratio	Lower	Upper	
149	100		
167	47.3	21.9	32.9#
279	13.6	4.2	6.2#

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#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3739

Delta R.T. 0.04 min

Lab File: BG038794.D

Acq: 21 Dec 2018 20:07

Tgt Ion:	264	Resp:	180527
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.9	28.3
265	22.8	17.0	25.4

