

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038542.D
 Acq On : 13 Dec 2018 21:22
 Operator : JU/SJ
 Sample : J6350-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV-27781L

Manual Integrations
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 12/14/2018 12:56:28 PM

Quant Time: Dec 13 22:57:08 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	23634	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	97573	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	62078	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	155424	20.00	ng	0.00
76) Chrysene-d12	21.72	240	157477	20.00	ng	0.00
87) Perylene-d12	25.02	264	169727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	93702	70.32	ng	0.00
7) Phenol-d6	7.21	99	79653	43.54	ng	0.00
23) Nitrobenzene-d5	9.23	82	195682	102.45	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	143844	168.13	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	456166	100.81	ng	0.00
79) Terphenyl-d14	20.05	244	786122	108.64	ng	0.00
Target Compounds						
10) Phenol	7.24	94	5543	2.852	ng	93
31) Naphthalene	10.93	128	22894	4.762	ng	98
37) 2-Methylnaphthalene	12.52	142	17235	5.025	ng	89
38) 1-Methylnaphthalene	12.75	142	14643m	4.400	ng	

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

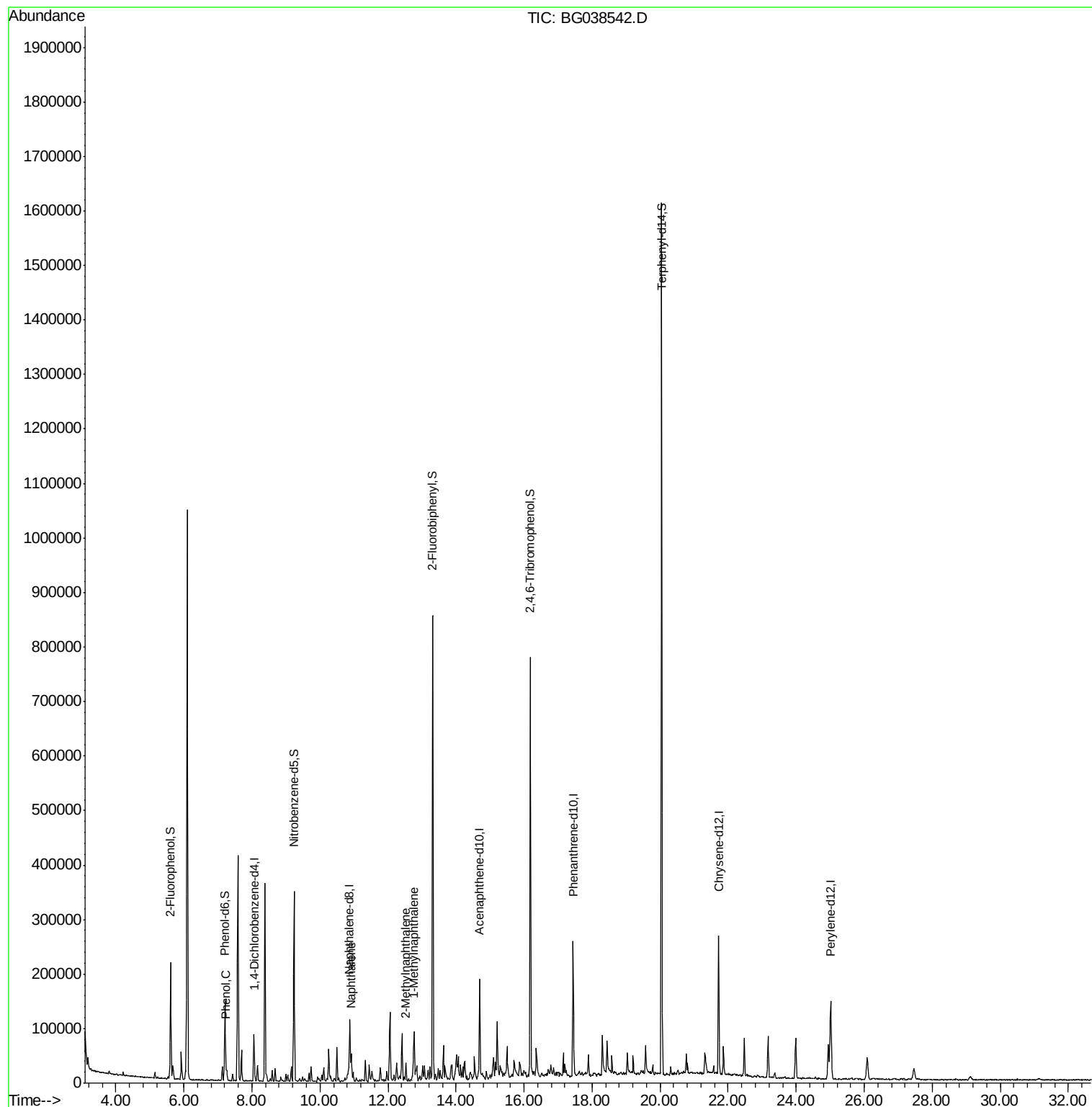
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038542.D
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Operator : JU/SJ
Sample : J6350-01
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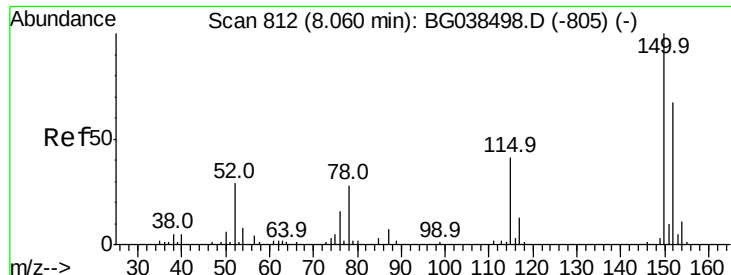
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

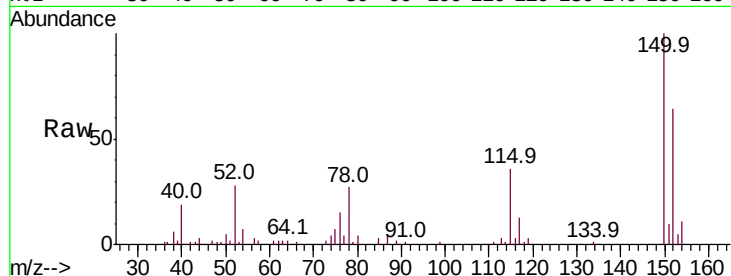
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038542.D
Acq: 13 Dec 2018 21:22

Instrument :
BNA_G
ClientSampleId :
SV-27781L

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	119.5	179.3
115	55.7	49.6	74.4

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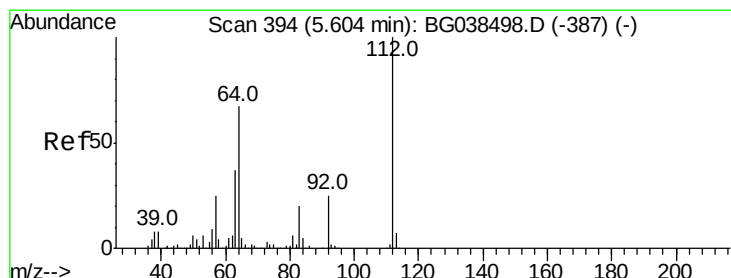
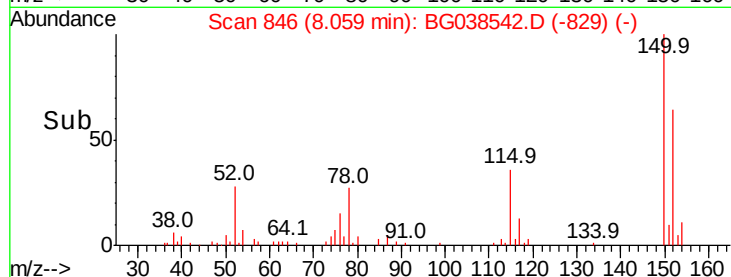
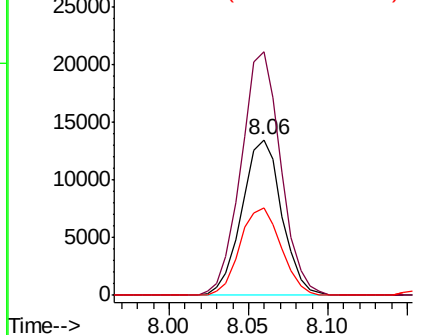


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

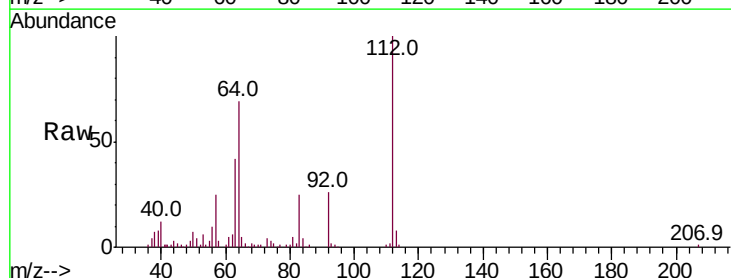
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 70.320 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038542.D
Acq: 13 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.4	80.2
63	41.6	29.3	43.9

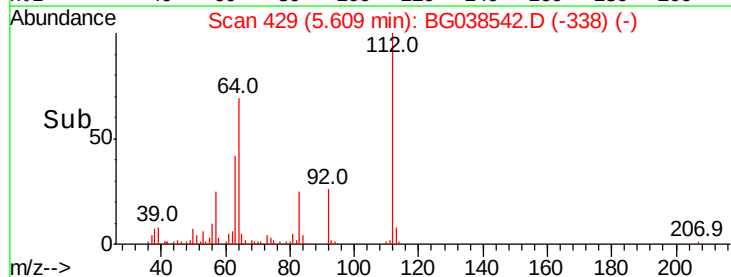
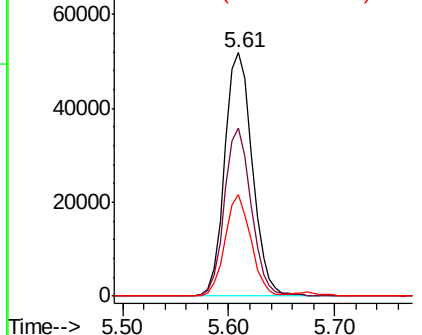


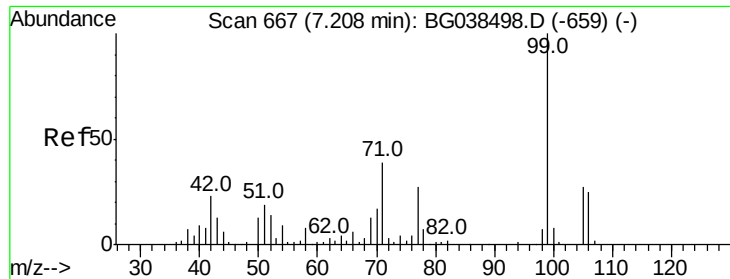
Abundance

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: 43.544 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038542.D

Acq: 13 Dec 2018 21:22

Instrument :

BNA_G

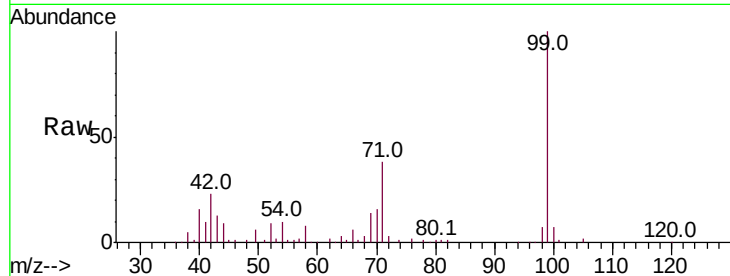
ClientSampleId :

SV-27781L

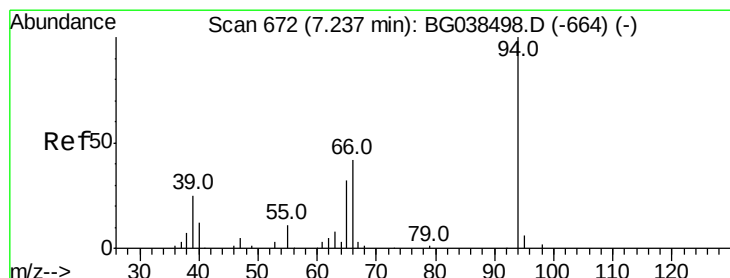
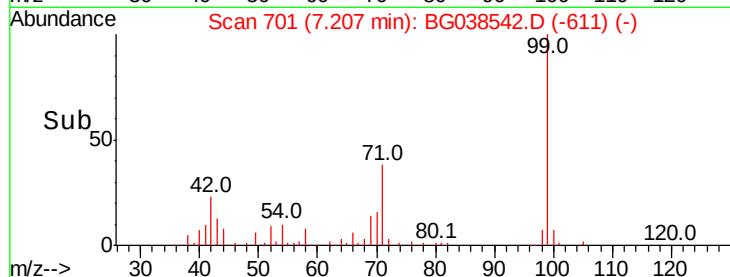
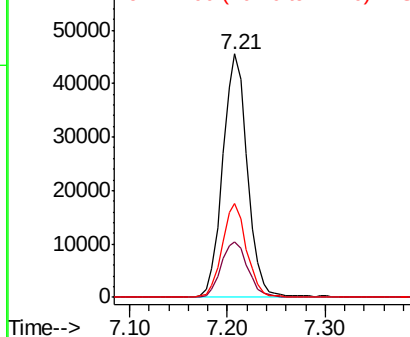
Tot Ion:	99	Resp:	79653
Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.5	27.7
71	38.5	31.1	46.7

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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: 2.852 ng

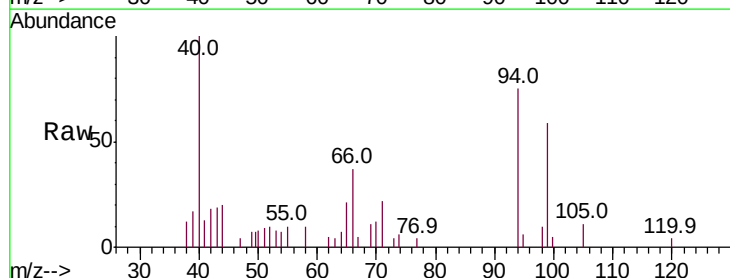
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

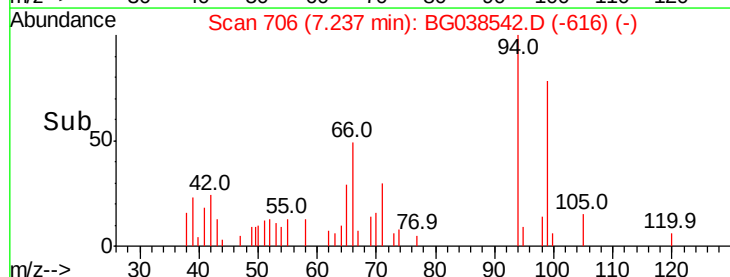
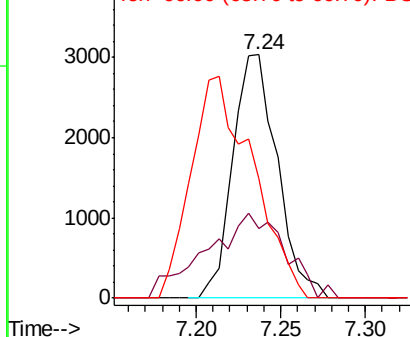
Lab File: BG038542.D

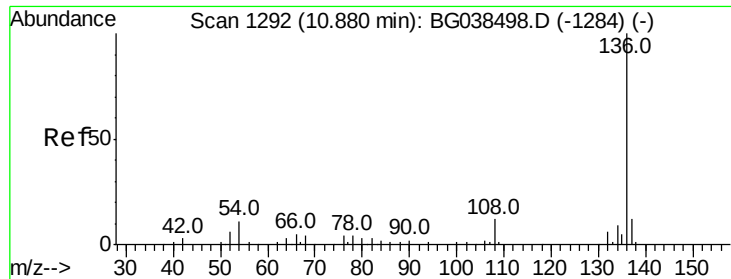
Acq: 13 Dec 2018 21:22

Tgt Ion:	94	Resp:	5543
Ion	Ratio	Lower	Upper
94	100		
65	28.6	12.6	52.6
66	48.9	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





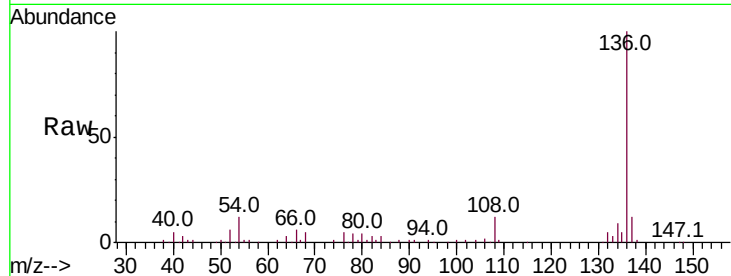
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038542.D
Acq: 13 Dec 2018 21:22

Instrument :
BNA_G
ClientSampleId :
SV-27781L

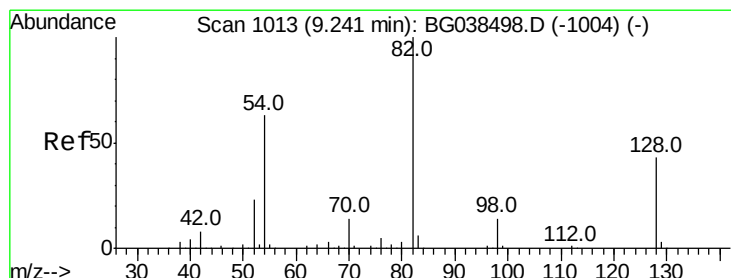
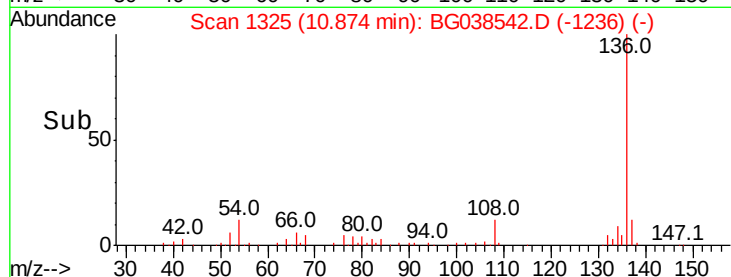
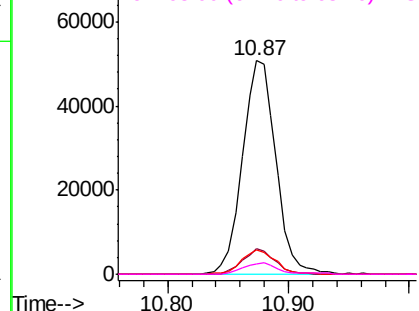
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.9	9.3	13.9	
54	11.7	8.5	12.7	
68	4.7	3.5	5.3	

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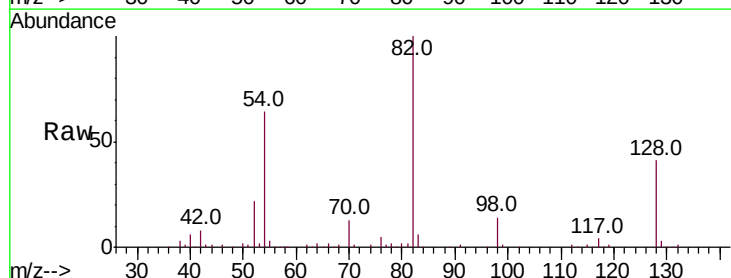


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

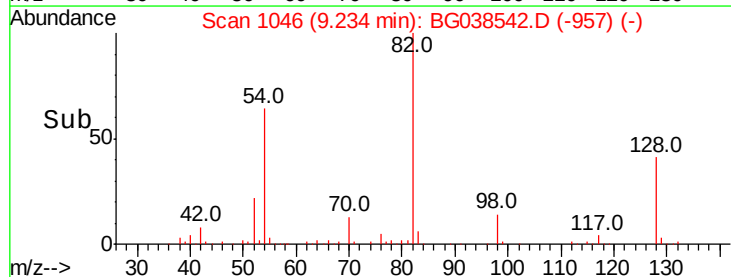
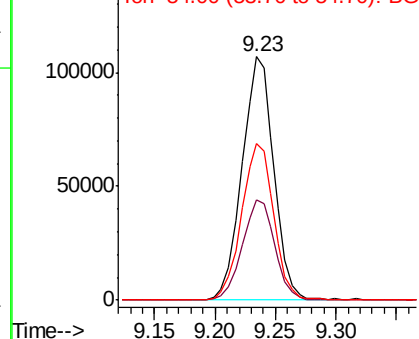


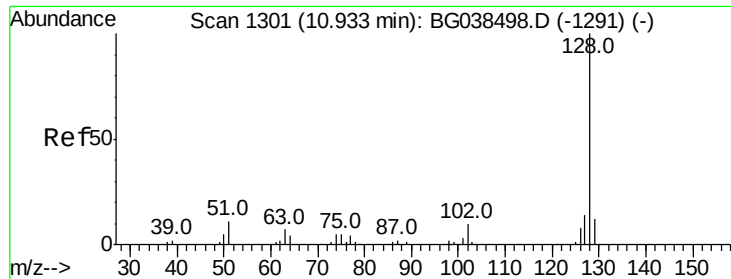
#23
Nitrobenzene-d5
Concen: 102.455 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038542.D
Acq: 13 Dec 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.2	34.6	52.0	
54	64.4	50.6	76.0	



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





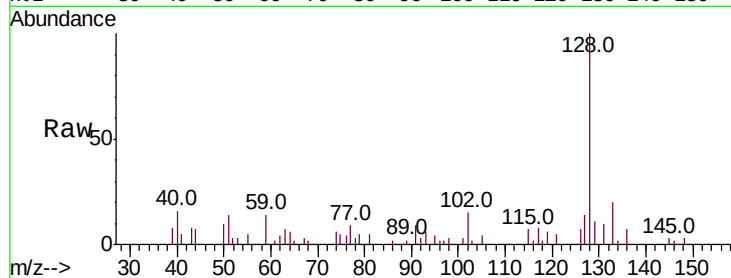
#31
Naphthalene
Concen: 4.762 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038542.D
Acq: 13 Dec 2018 21:22

Instrument :
BNA_G
ClientSampleId :
SV-27781L

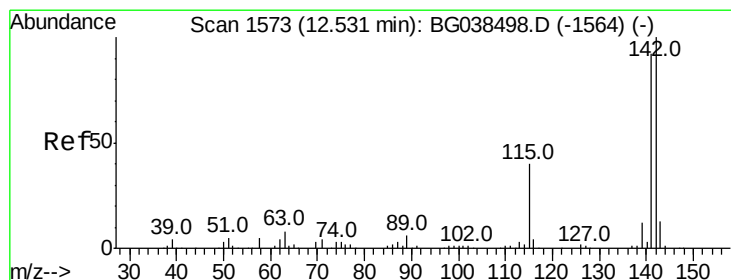
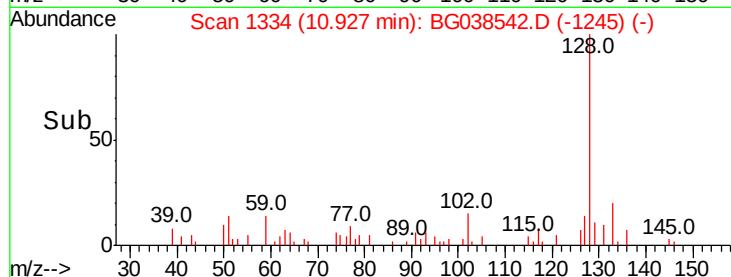
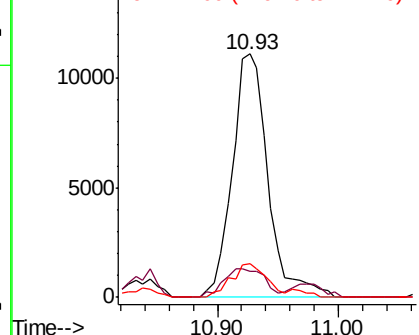
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.5	14.3
127	13.7	10.9	16.3

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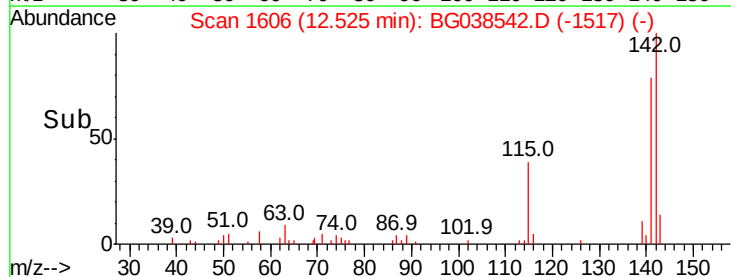
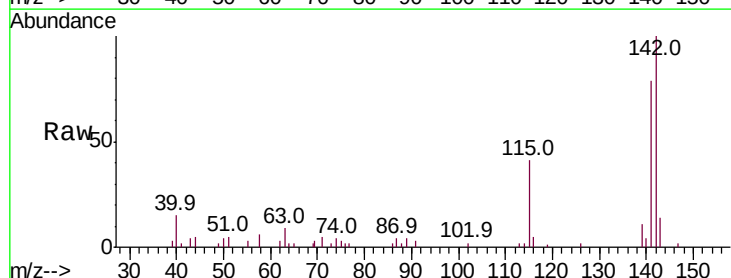
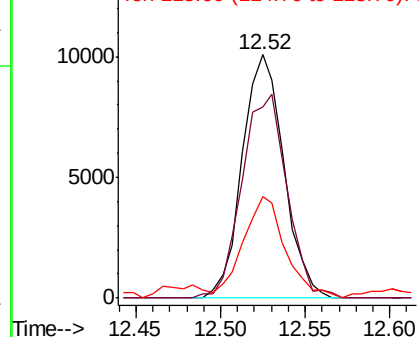
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

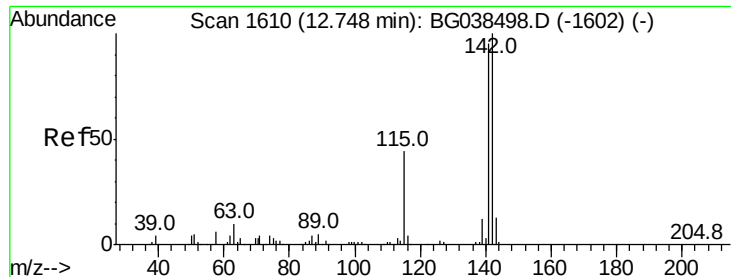


#37
2-Methylnaphthalene
Concen: 5.025 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038542.D
Acq: 13 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	78.6	73.5	110.3
115	41.5	31.7	47.5

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





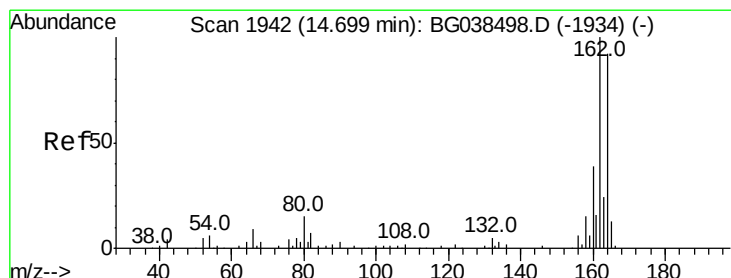
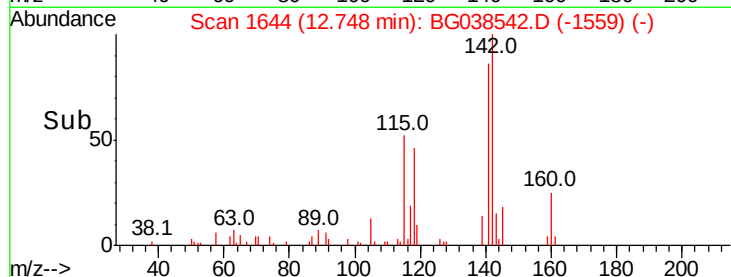
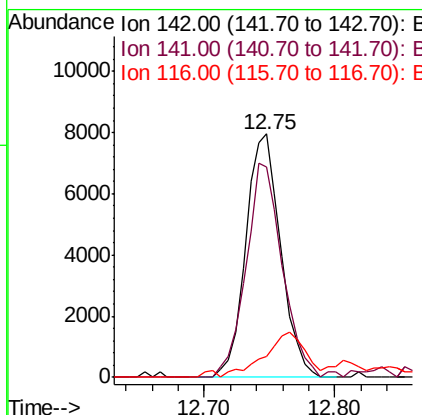
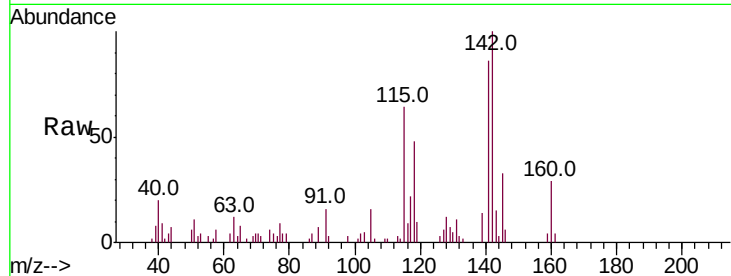
#38
1-Methylnaphthalene
Concen: 4.400 ng m
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038542.D
Acq: 13 Dec 2018 21:22

Instrument :
BNA_G
ClientSampled :
SV-27781L

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	75.8	113.8
116	8.7	3.6	5.4

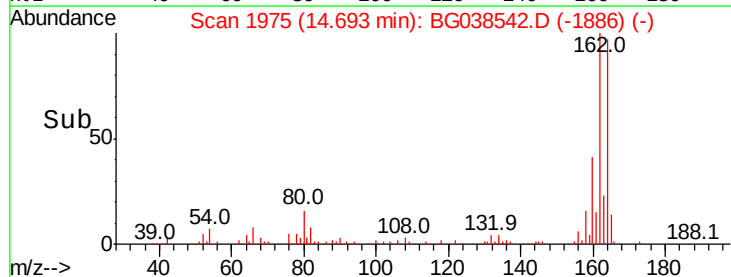
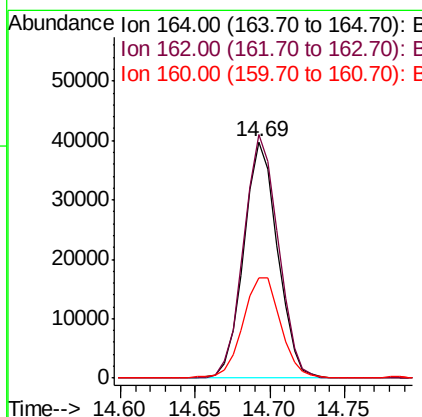
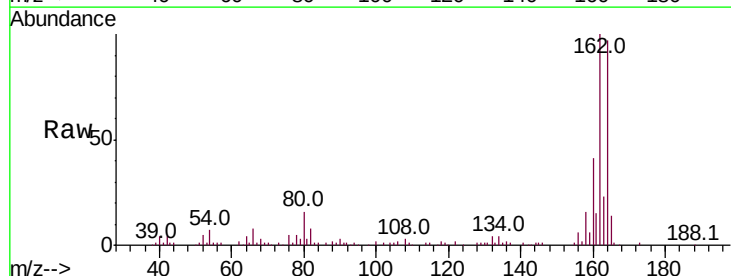
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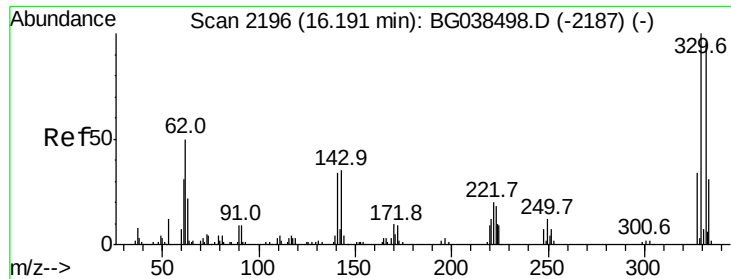
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038542.D
Acq: 13 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.6	130.0
160	42.4	34.2	51.2





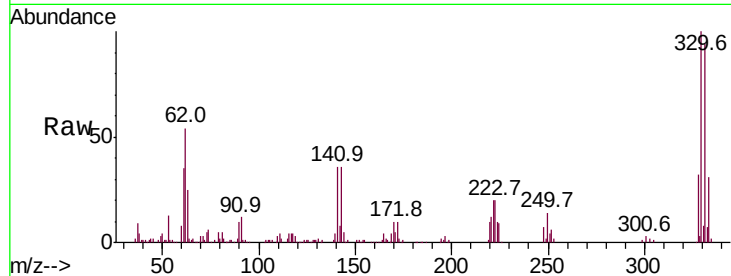
#42
 2,4,6-Tribromophenol
 Concen: 168.131 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038542.D
 Acq: 13 Dec 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 SV-27781L

Tot Ion	Ratio	Resp	Lower	Upper
330	100	143844		
332	95.8	76.9	115.3	
141	37.7	28.8	43.2	

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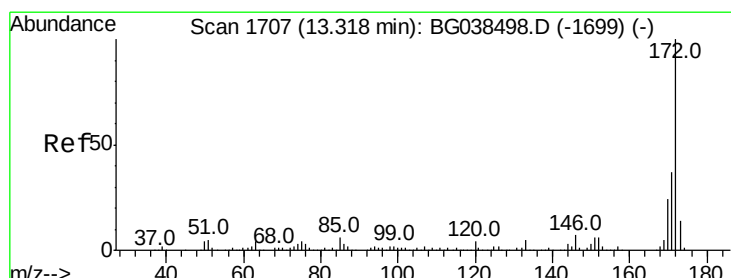
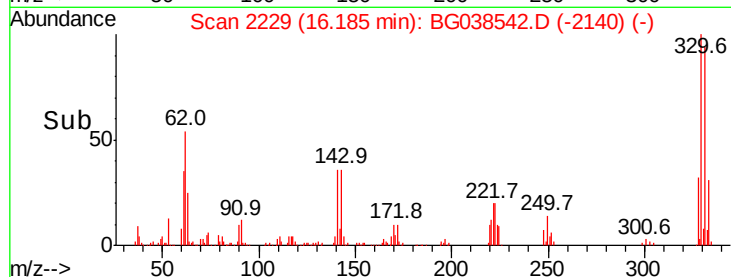
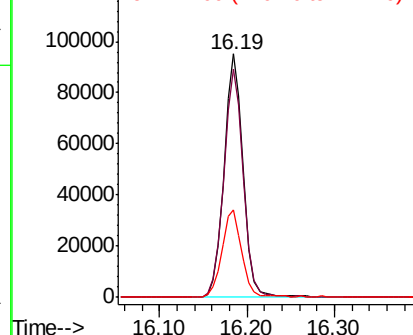


Abundance

Ion 329.80 (329.50 to 330.50): E

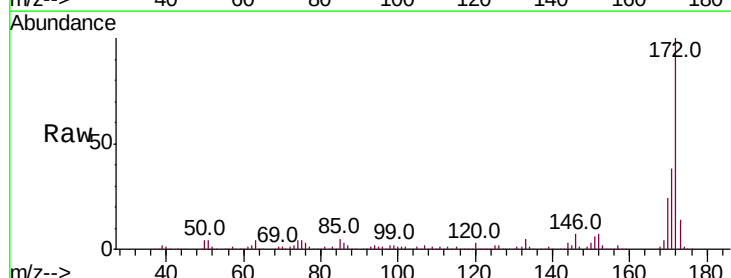
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.807 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038542.D
 Acq: 13 Dec 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	456166		
171	37.6	29.8	44.6	
170	24.2	19.5	29.3	

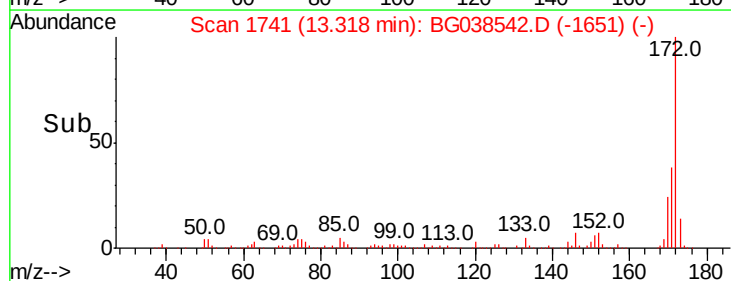
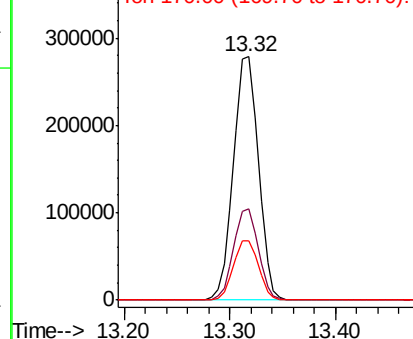


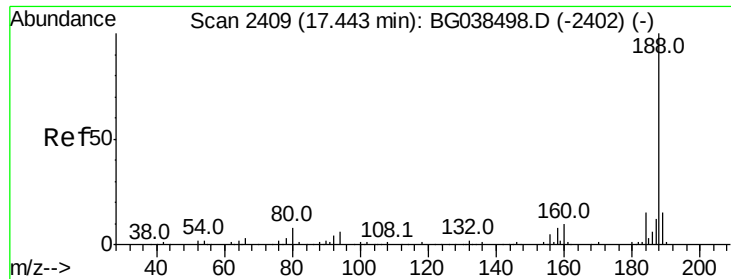
Abundance

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





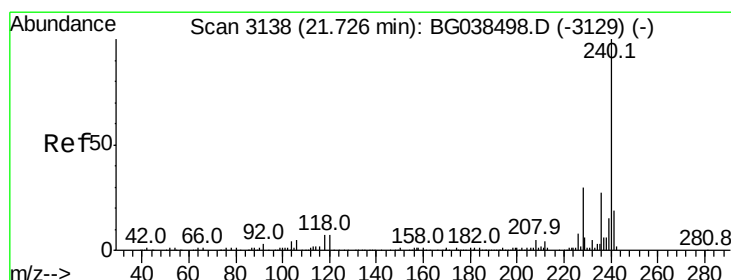
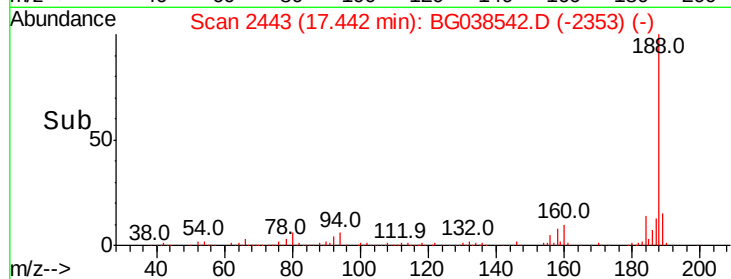
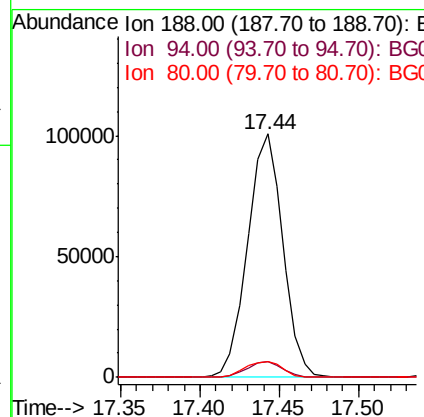
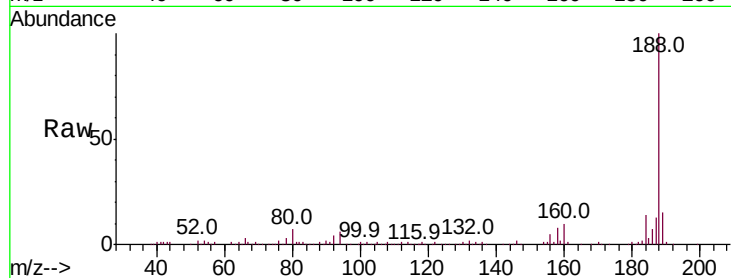
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038542.D
 Acq: 13 Dec 2018 21:22

Instrument :
 BNA_G
 ClientSampleId :
 SV-27781L

Tot Ion:188	Resp: 155424
Ion Ratio	Lower Upper
188 100	
94 6.4	5.1 7.7
80 6.5	6.1 9.1

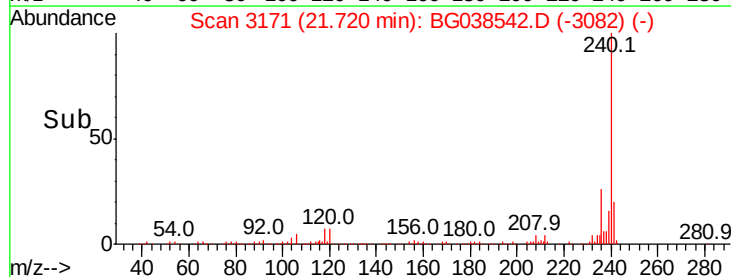
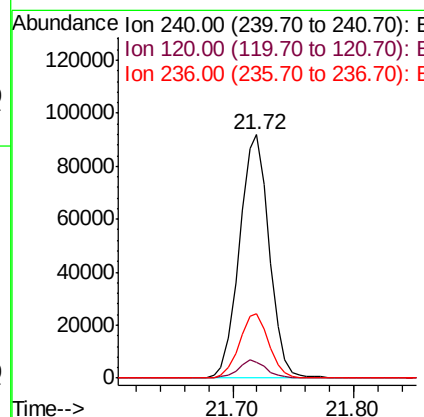
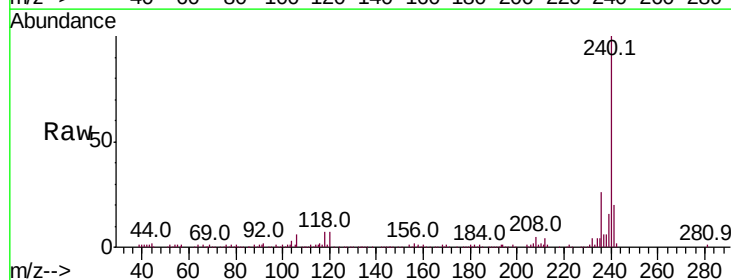
Manual Integrations
 APPROVED

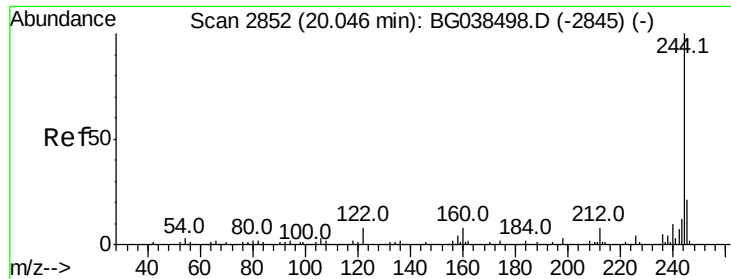
Sohil
 12/14/2018 12:56:28 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038542.D
 Acq: 13 Dec 2018 21:22

Tgt Ion:240	Resp: 157477
Ion Ratio	Lower Upper
240 100	
120 6.7	5.3 7.9
236 26.5	21.4 32.2





#79

Terphenyl-d14

Concen: 108.642 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038542.D

Acq: 13 Dec 2018 21:22

Instrument :

BNA_G

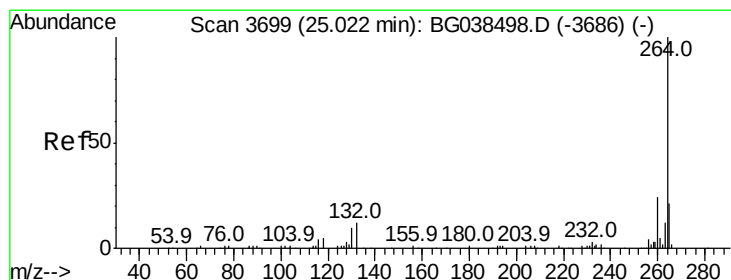
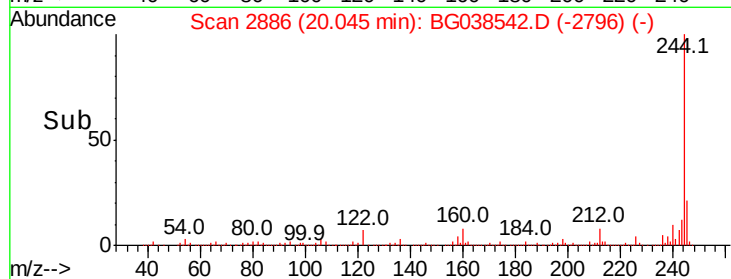
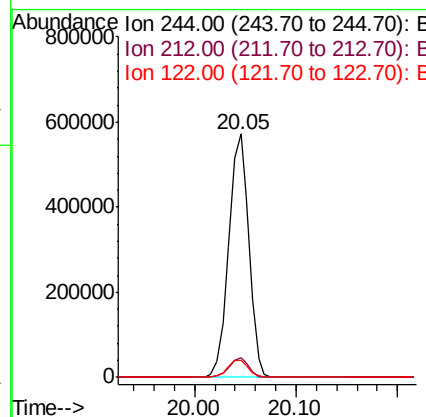
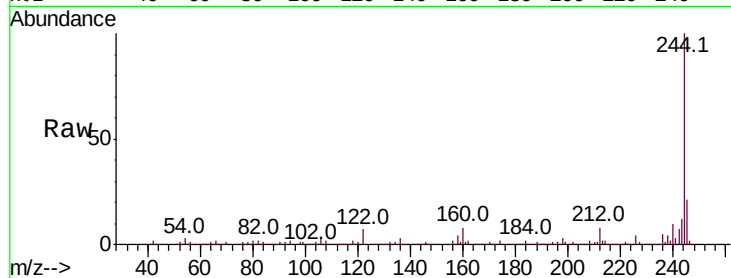
ClientSampleId :

SV-27781L

Tot Ion:	244	Resp:	786122
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.2	9.2
122	7.3	6.3	9.5

Manual Integrations
APPROVED

Sohil
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#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038542.D

Acq: 13 Dec 2018 21:22

Tgt Ion:	264	Resp:	169727
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.9	28.3
265	22.0	17.0	25.4

