

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038927.D
 Acq On : 4 Jan 2019 12:39
 Operator : JU/SJ
 Sample : K1019-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-D-11-12-A

Manual Integrations
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 1/7/2019 12:48:03 PM

Quant Time: Jan 04 14:09:26 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	29022	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	118249	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	89260	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	224424	20.00	ng	0.00
76) Chrysene-d12	21.71	240	223948	20.00	ng	-0.01
87) Perylene-d12	25.01	264	238606	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	187957	114.87	ng	0.00
7) Phenol-d6	7.21	99	265304	118.11	ng	0.00
23) Nitrobenzene-d5	9.23	82	159365	68.85	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	151884	123.47	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	446947	68.69	ng	-0.01
79) Terphenyl-d14	20.04	244	773349	75.15	ng	0.00
Target Compounds						
10) Phenol	7.23	94	11907	4.989	ng	94
50) Dimethylphthalate	14.13	163	64447	8.841	ng	99
71) Phenanthrene	17.48	178	59375	5.102	ng	98
75) Fluoranthene	19.49	202	103515	7.189	ng	97
78) Pyrene	19.85	202	94169	6.365	ng	99
81) Benzo(a)anthracene	21.69	228	43279	3.171	ng	99
83) Chrysene	21.76	228	36784	2.799	ng	97
88) Benzo(b)fluoranthene	23.96	252	42844	3.270	ng	97
90) Benzo(a)pyrene	24.85	252	33184	2.626	ng	# 95

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

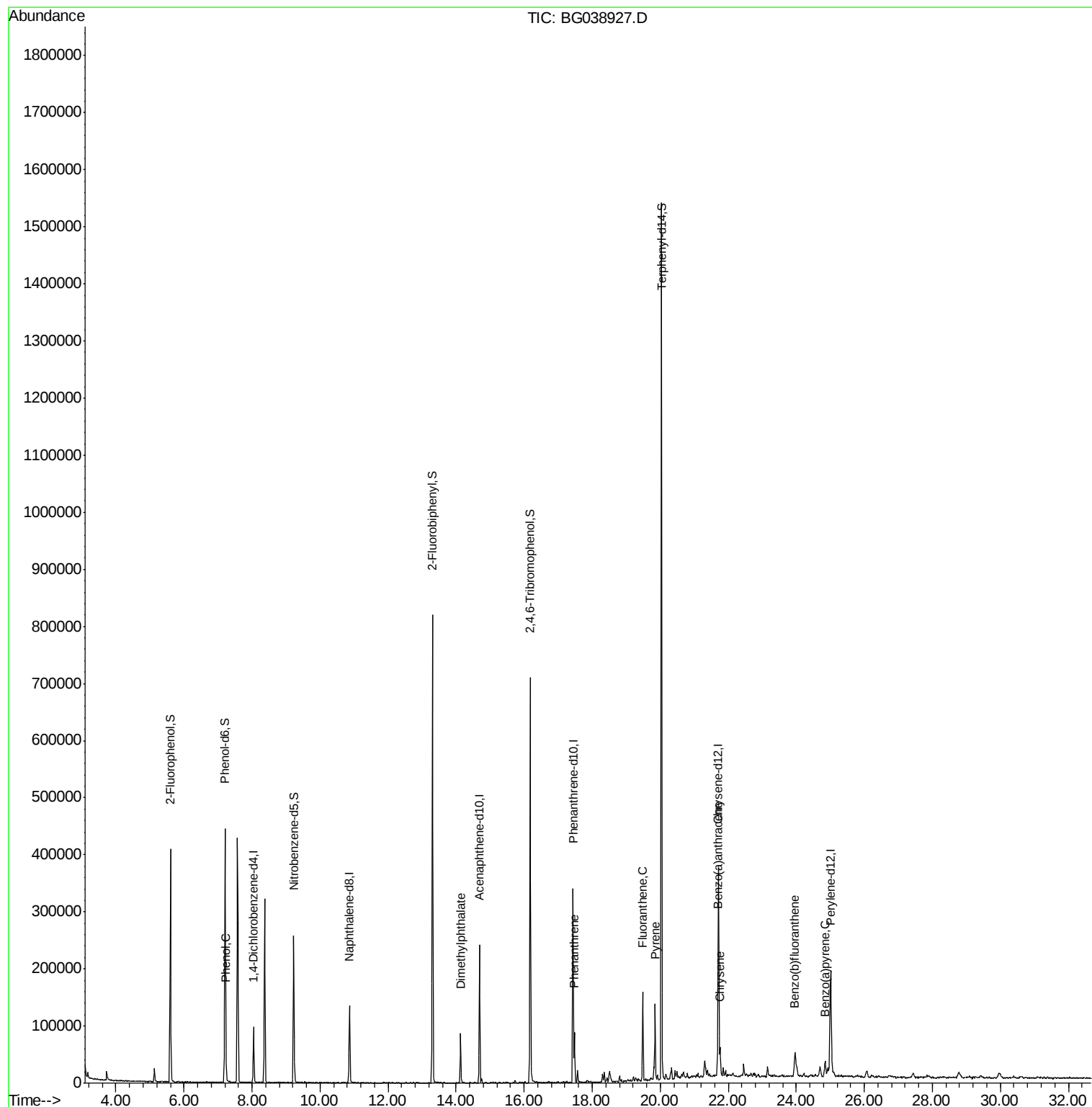
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038927.D
Acq On : 4 Jan 2019 12:39
Operator : JU/SJ
Sample : K1019-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-D-11-12-A

Manual Integrations
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Quant Time: Jan 04 14:09:26 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





#1

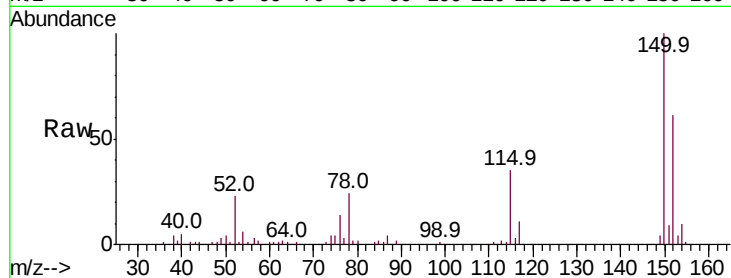
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-D-11-12-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	119.5	179.3
115	56.7	49.6	74.4

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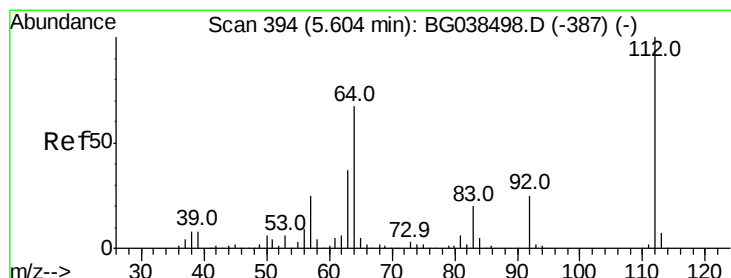
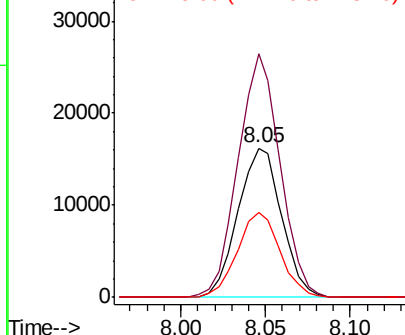
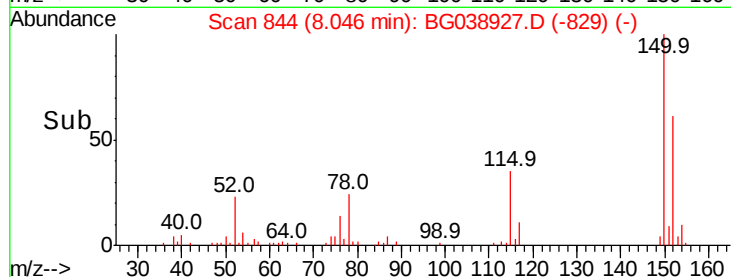


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

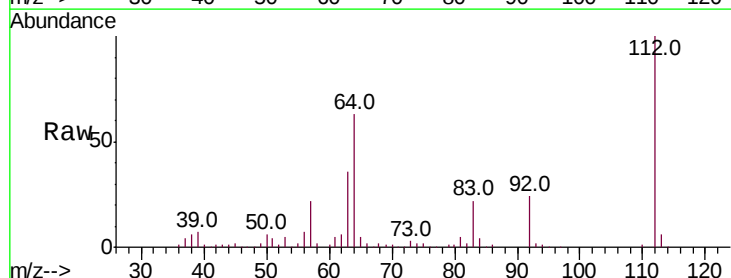
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.868 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	53.4	80.2
63	35.9	29.3	43.9

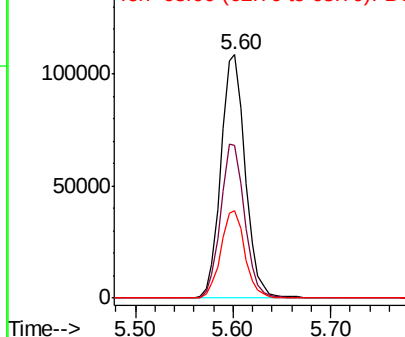
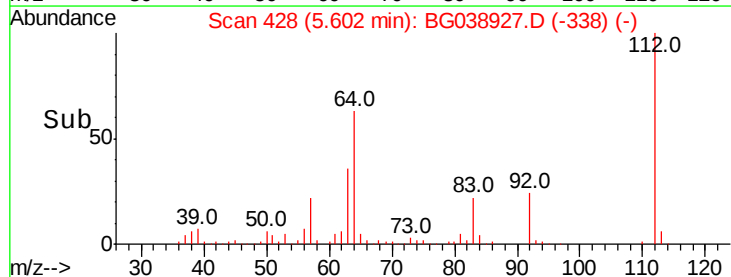


Abundance

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: 118.107 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038927.D

Acq: 4 Jan 2019 12:39

Instrument :

BNA_G

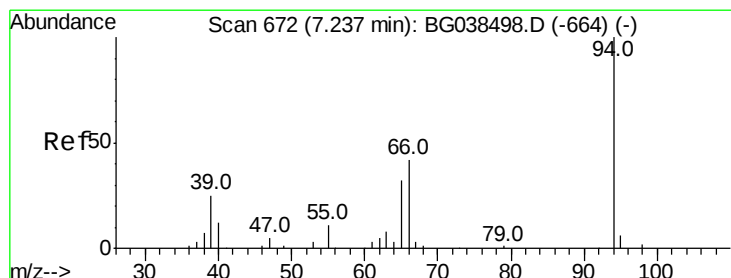
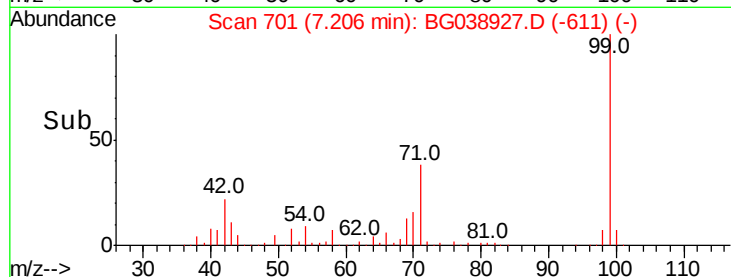
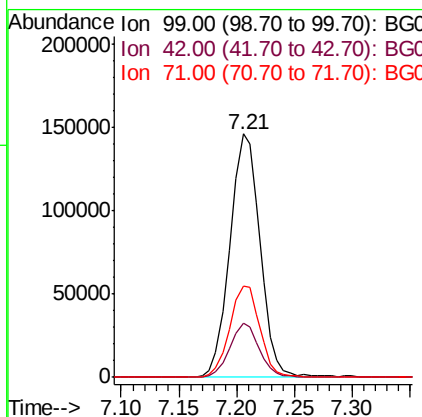
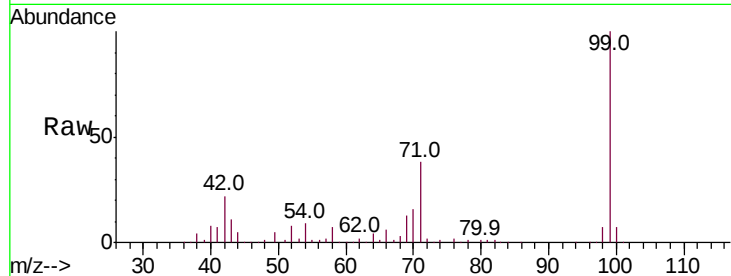
ClientSampleId :

TEST-PIT-D-11-12-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		265304		
42	22.1	18.5	27.7		
71	37.5	31.1	46.7		

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#10

Phenol

Concen: 4.989 ng

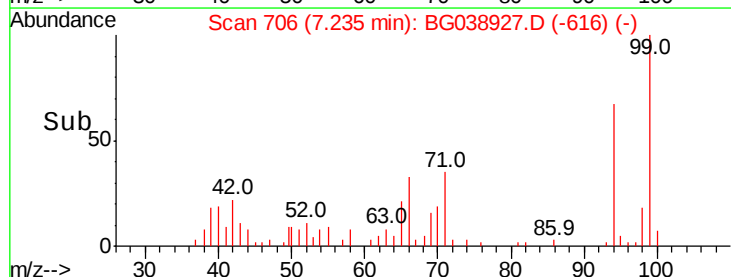
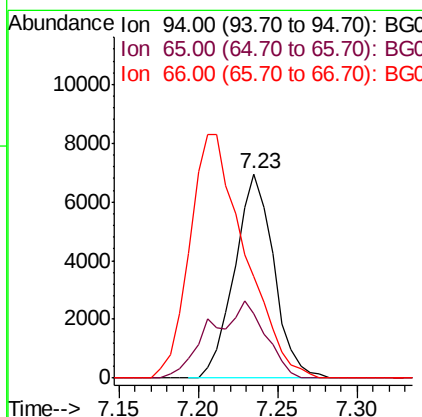
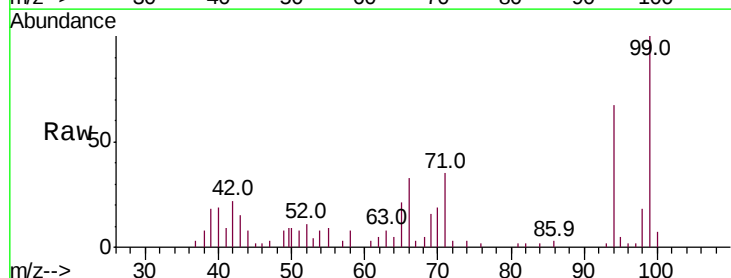
RT: 7.23 min Scan# 706

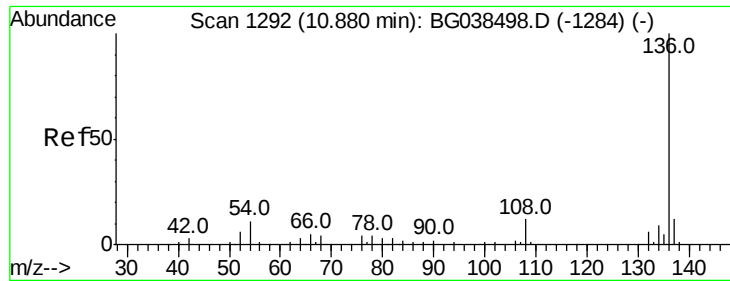
Delta R.T. -0.00 min

Lab File: BG038927.D

Acq: 4 Jan 2019 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		11907		
65	31.3	12.6	52.6		
66	49.6	24.1	64.1		





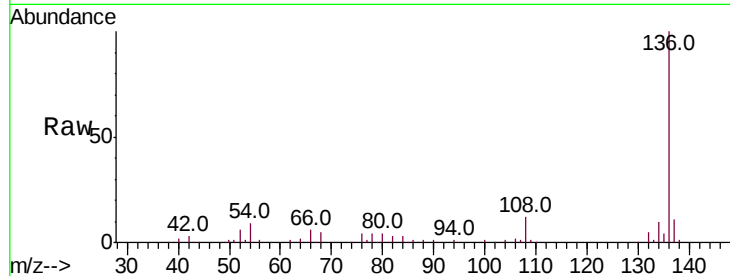
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-D-11-12-A

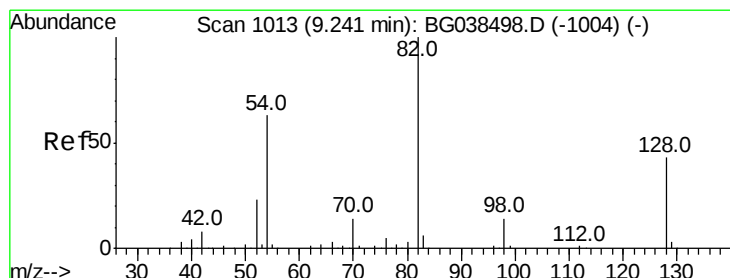
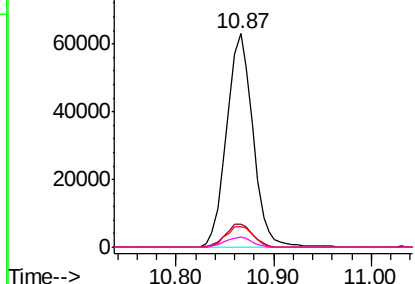
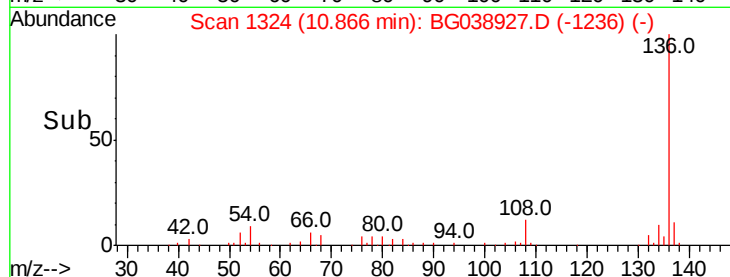
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.3	13.9	
54	9.4	8.5	12.7	
68	4.7	3.5	5.3	

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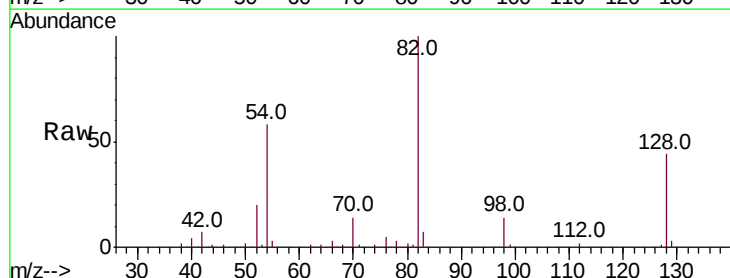


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

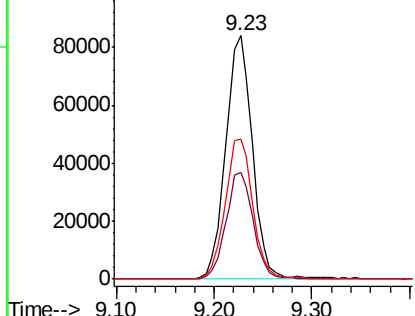
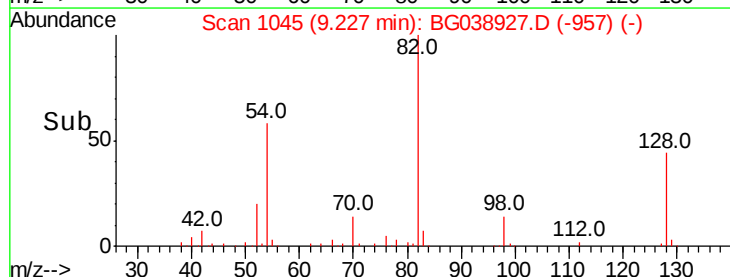


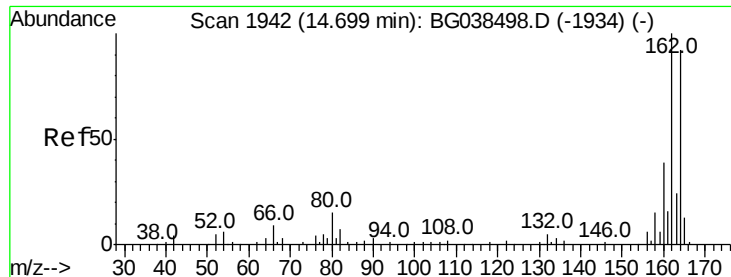
#23
Nitrobenzene-d5
Concen: 68.850 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.8	34.6	52.0	
54	57.6	50.6	76.0	



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





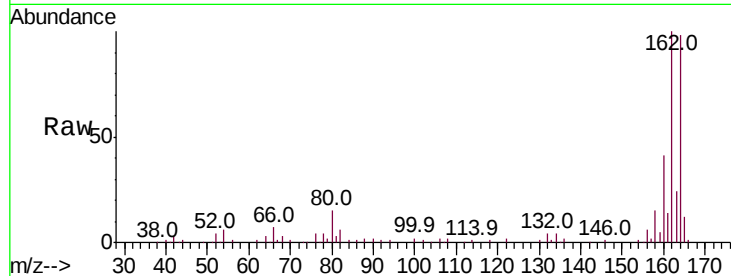
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038927.D
 Acq: 4 Jan 2019 12:39

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-D-11-12-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	86.6	130.0	
160	41.8	34.2	51.2	

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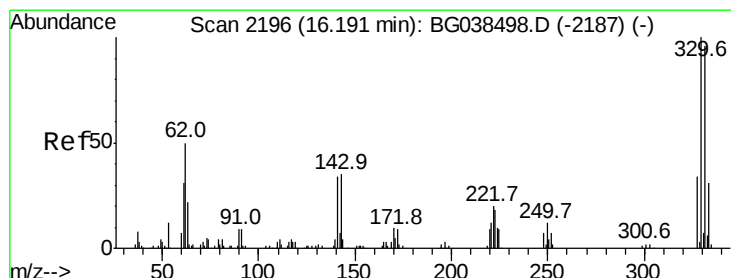
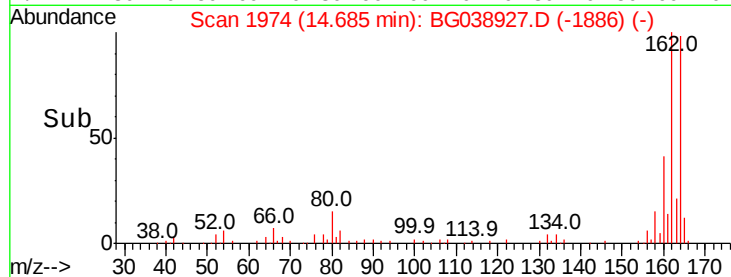
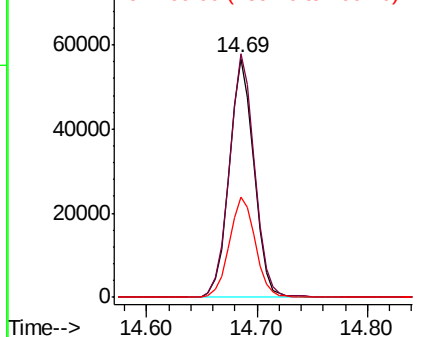


Abundance

Ion 164.00 (163.70 to 164.70): E

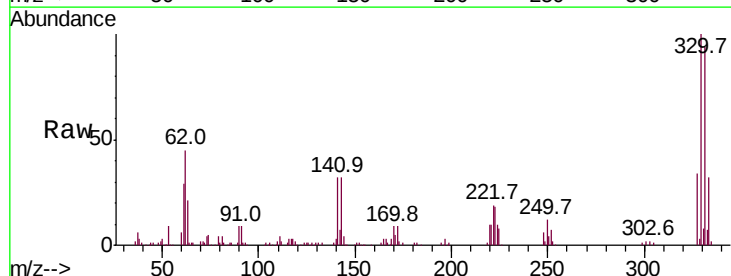
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 123.467 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038927.D
 Acq: 4 Jan 2019 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	76.9	115.3	
141	32.1	28.8	43.2	

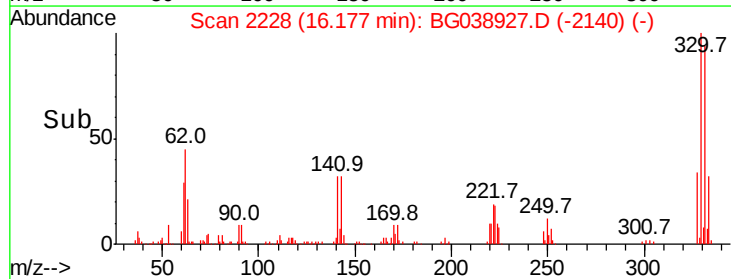
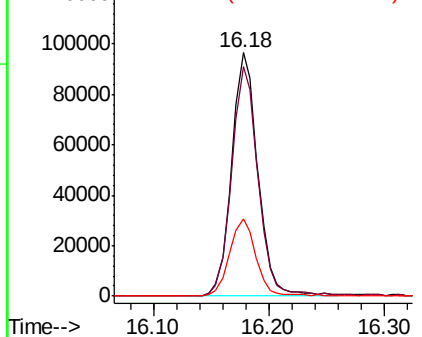


Abundance

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





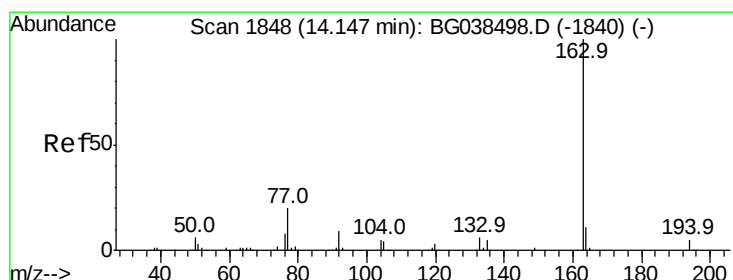
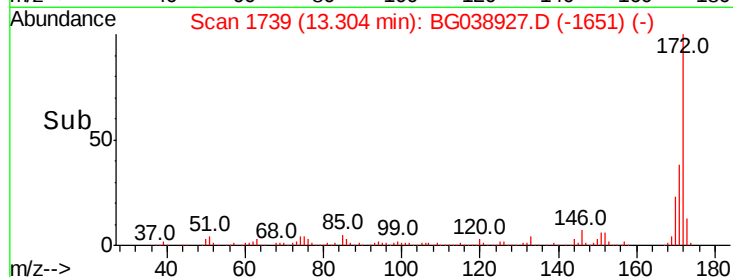
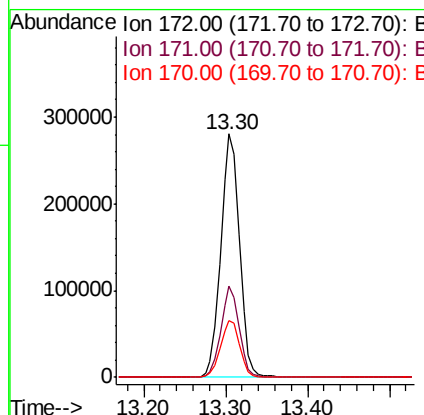
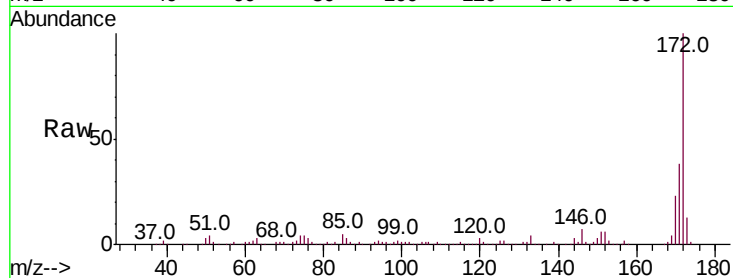
#45
2-Fluorobiphenyl
Concen: 68.692 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-D-11-12-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	23.2	19.5	29.3

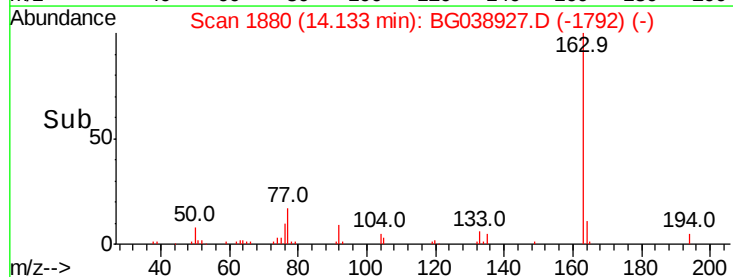
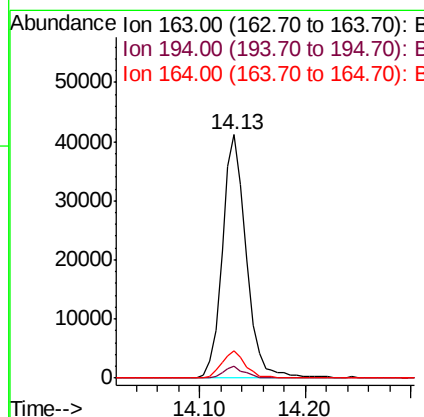
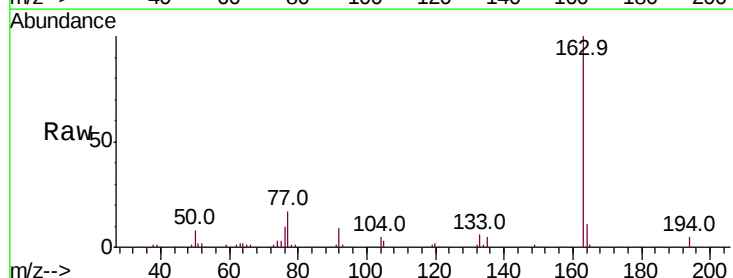
Manual Integrations
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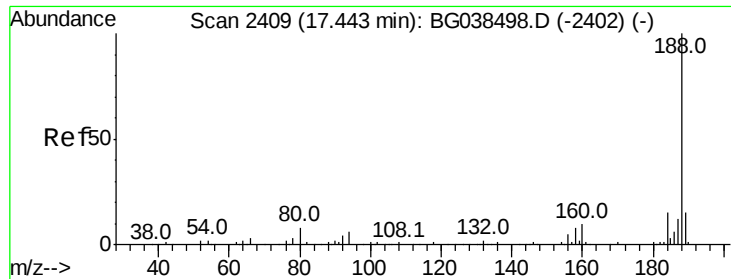
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#50
Dimethylphthalate
Concen: 8.841 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	11.0	8.6	12.8





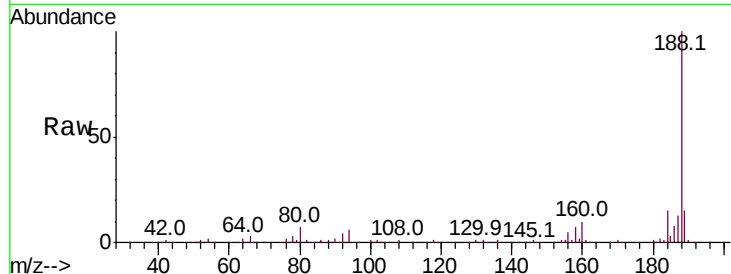
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-D-11-12-A

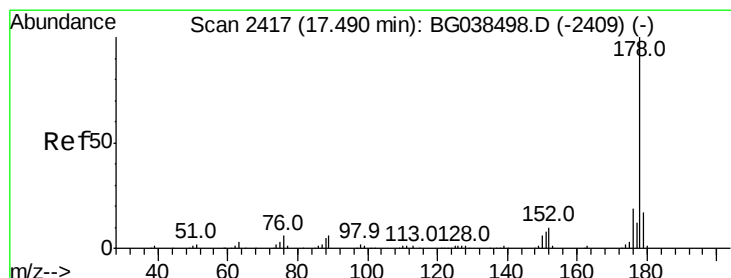
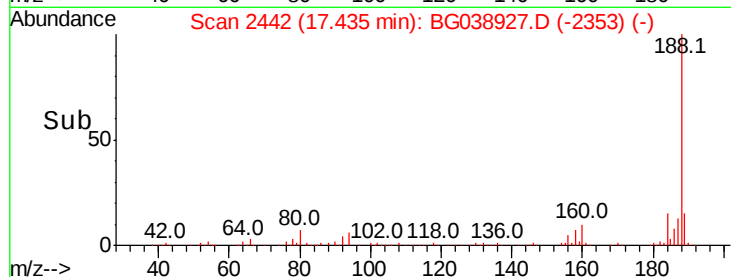
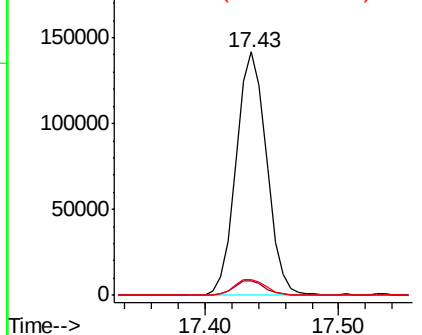
Tot Ion	Ratio	Resp	Lower	Upper
188	100	224424		
94	6.2		5.1	7.7
80	6.7		6.1	9.1

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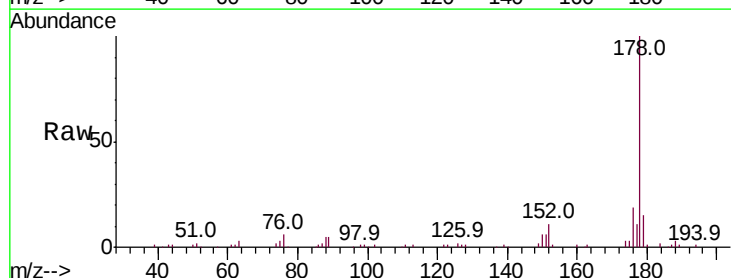


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

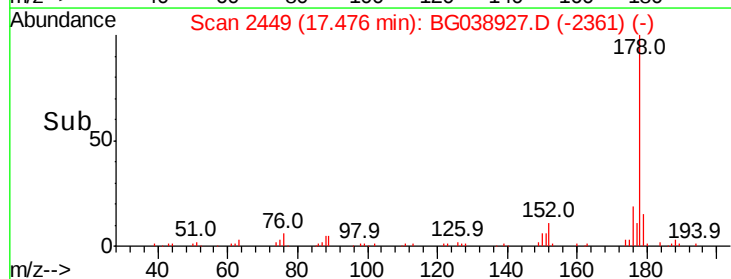
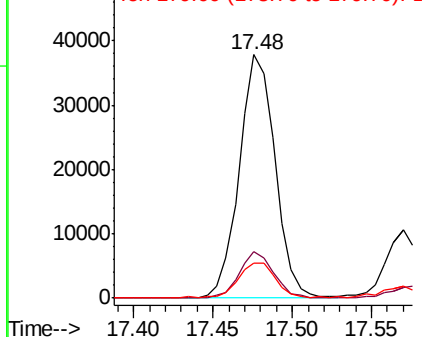


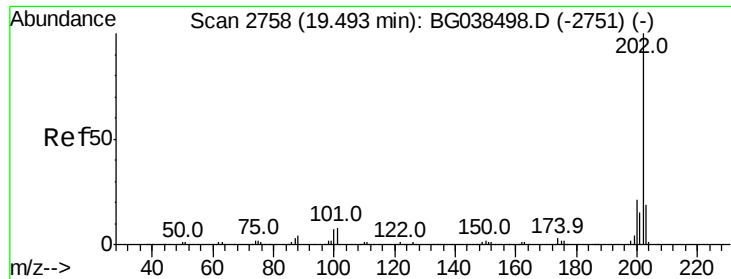
#71
Phenanthrene
Concen: 5.102 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038927.D
Acq: 4 Jan 2019 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	59375		
176	18.9		15.1	22.7
179	14.5		13.2	19.8



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





#75

Fluoranthene

Concen: 7.189 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038927.D

Acq: 4 Jan 2019 12:39

Instrument :

BNA_G

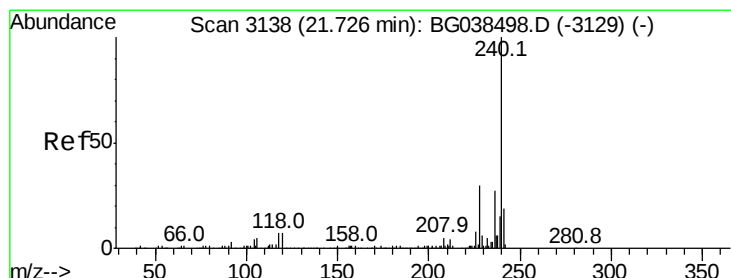
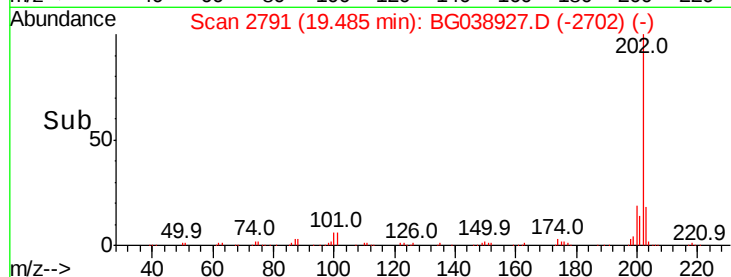
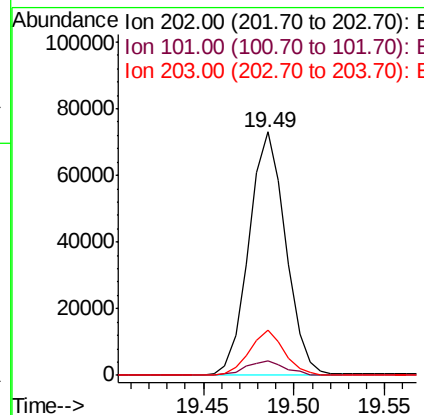
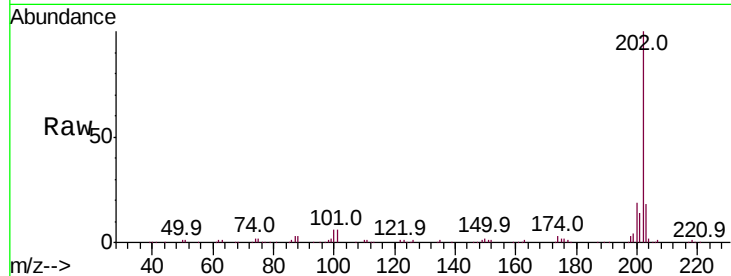
ClientSampleId :

TEST-PIT-D-11-12-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.0	0.0	28.1
203	18.4	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

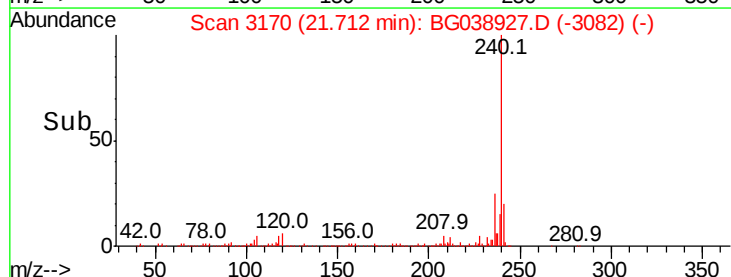
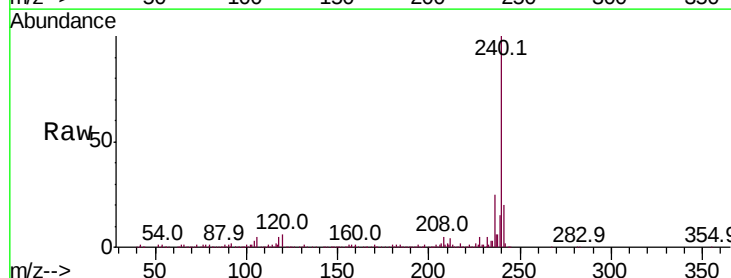
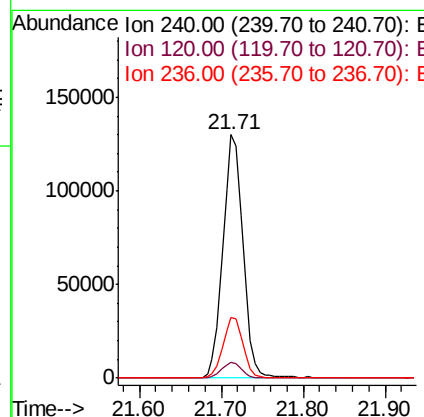
RT: 21.71 min Scan# 3170

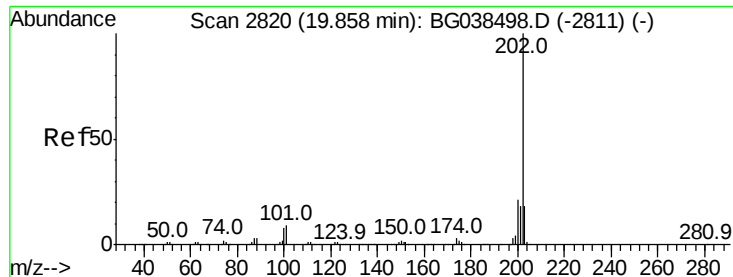
Delta R.T. -0.01 min

Lab File: BG038927.D

Acq: 4 Jan 2019 12:39

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.3	5.3	7.9
236	25.0	21.4	32.2





#78

Pvrene

Concen: 6.365 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038927.D

Acq: 4 Jan 2019 12:39

Instrument :

BNA_G

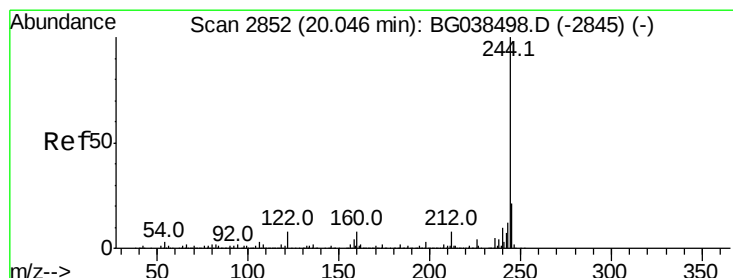
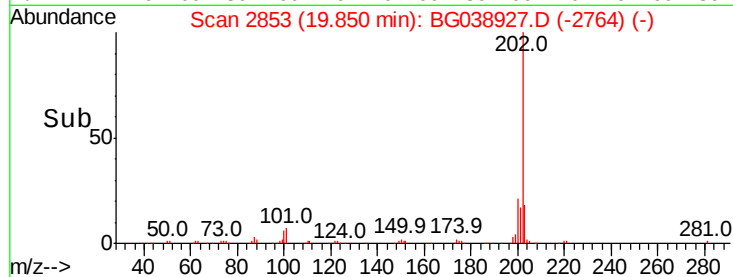
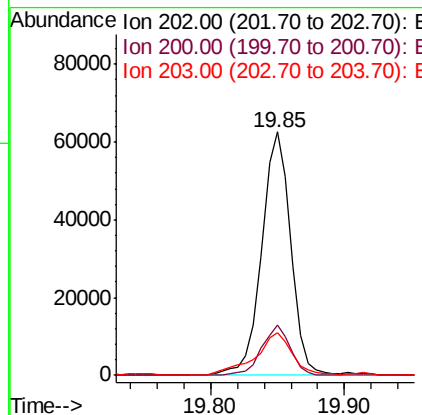
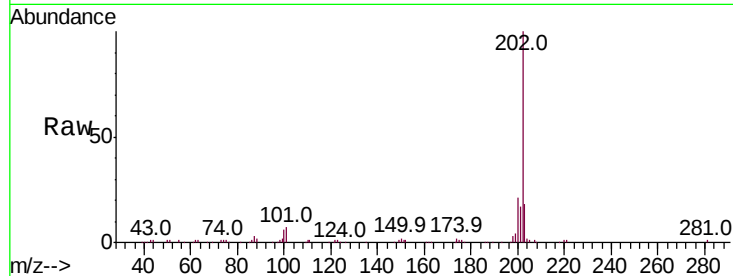
ClientSampleId :

TEST-PIT-D-11-12-A

Tot Ion:	202	Resp:	94169
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	25.0
203	17.5	14.6	21.8

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#79

Terphenyl-d14

Concen: 75.154 ng

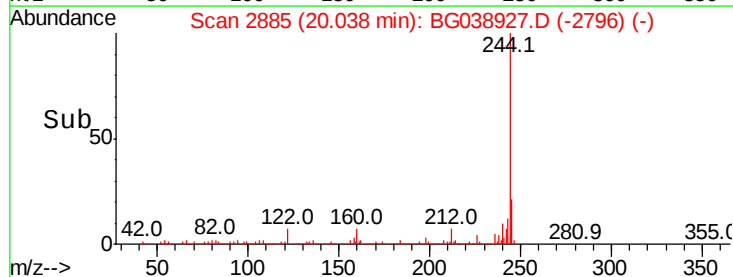
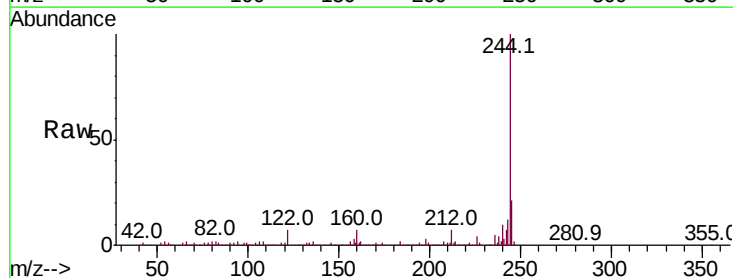
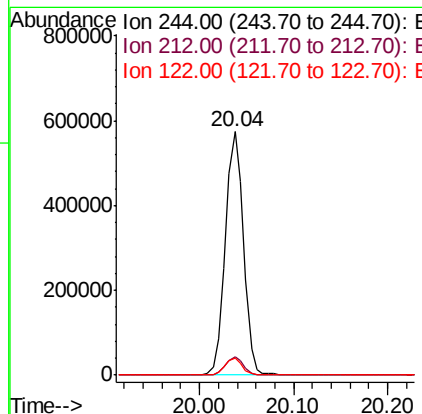
RT: 20.04 min Scan# 2885

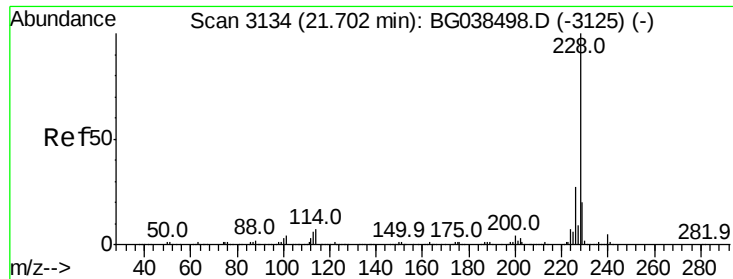
Delta R.T. -0.01 min

Lab File: BG038927.D

Acq: 4 Jan 2019 12:39

Tgt Ion:	244	Resp:	773349
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	7.0	6.3	9.5





#81

Benzo(a)anthracene

Concen: 3.171 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG038927.D

Acq: 4 Jan 2019 12:39

Instrument :

BNA_G

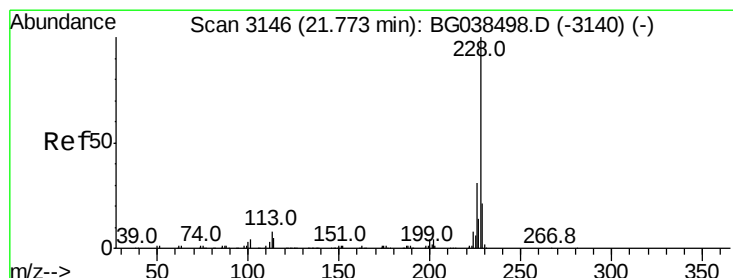
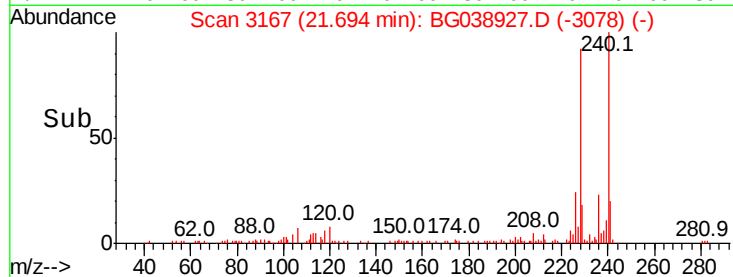
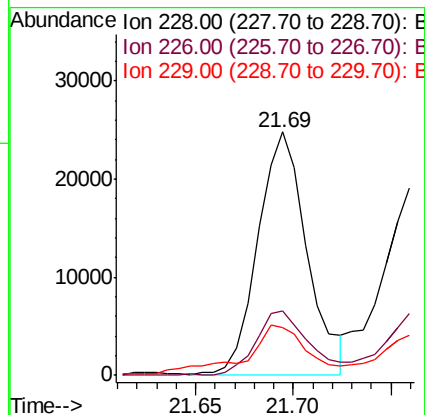
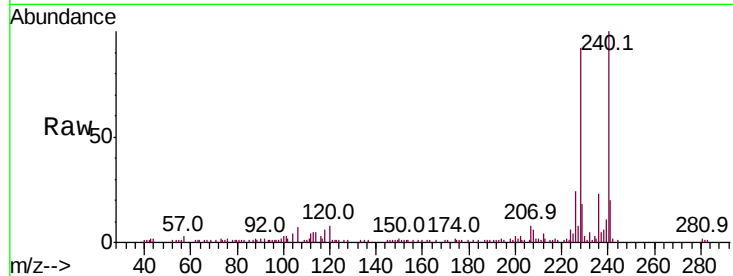
ClientSampleId :

TEST-PIT-D-11-12-A

Tot Ion:	228	Resp:	43279
Ion Ratio	Lower	Upper	
228	100		
226	26.6	21.8	32.8
229	19.6	15.8	23.6

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#83

Chrysene

Concen: 2.799 ng

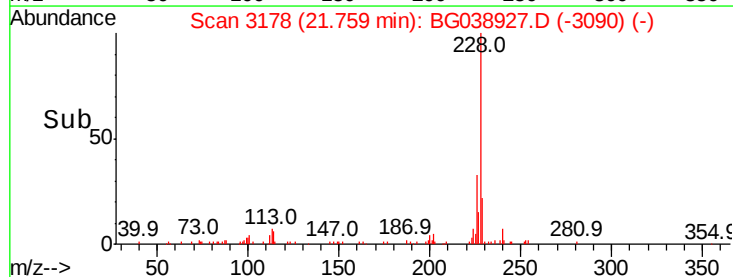
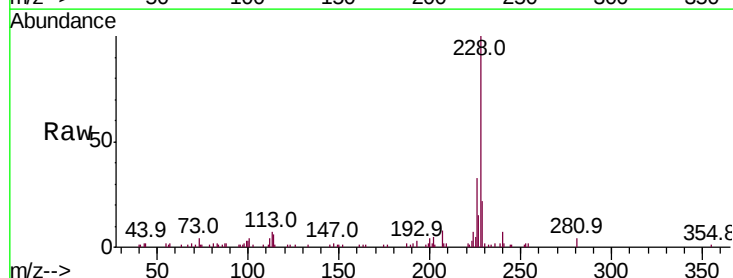
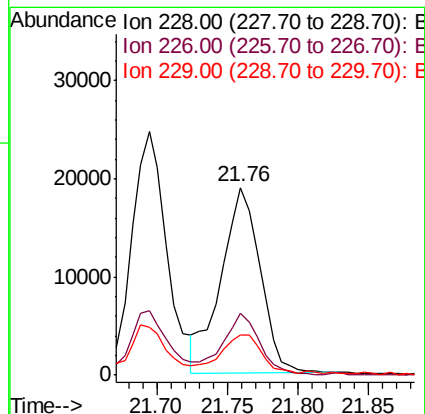
RT: 21.76 min Scan# 3178

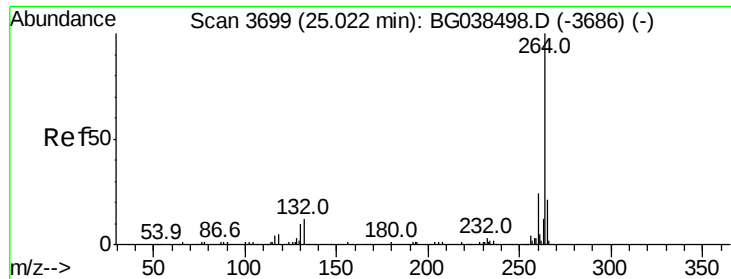
Delta R.T. -0.01 min

Lab File: BG038927.D

Acq: 4 Jan 2019 12:39

Tgt Ion:	228	Resp:	36784
Ion Ratio	Lower	Upper	
228	100		
226	33.3	25.0	37.4
229	21.5	16.5	24.7





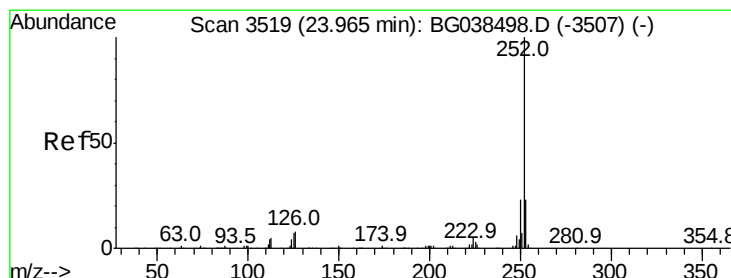
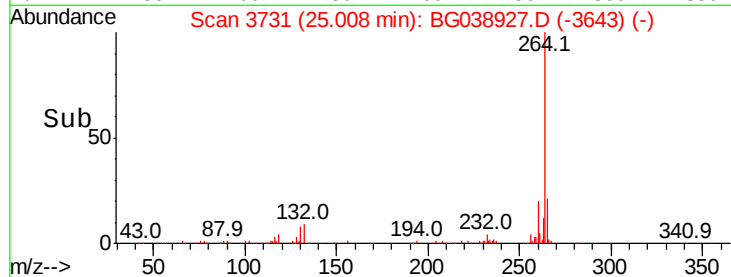
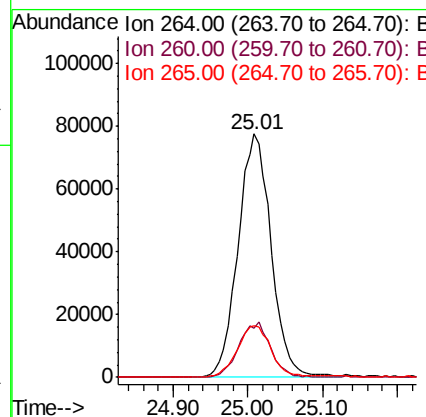
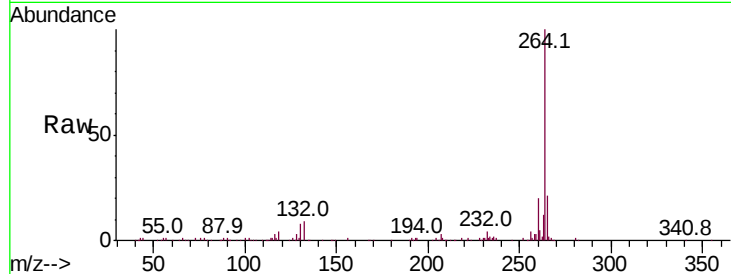
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.01 min
 Lab File: BG038927.D
 Acq: 4 Jan 2019 12:39

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-D-11-12-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.1	18.9	28.3
265	21.3	17.0	25.4

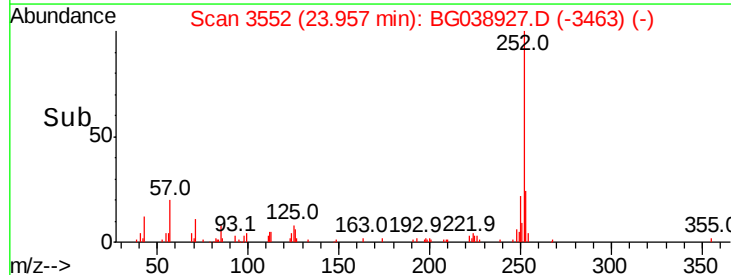
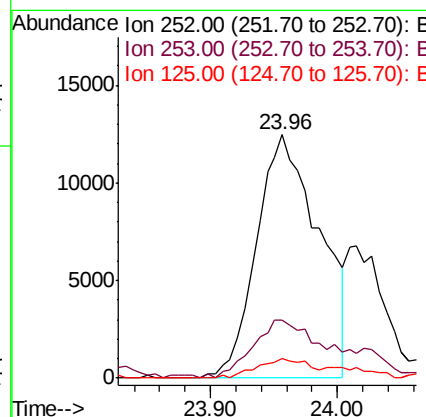
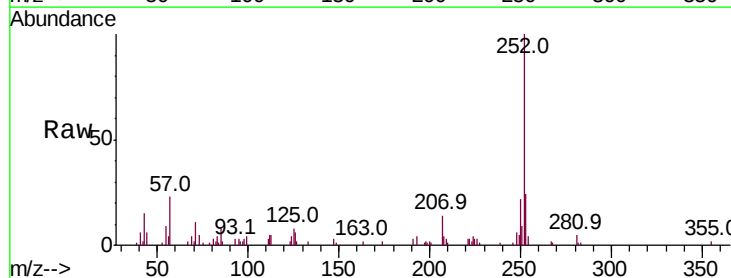
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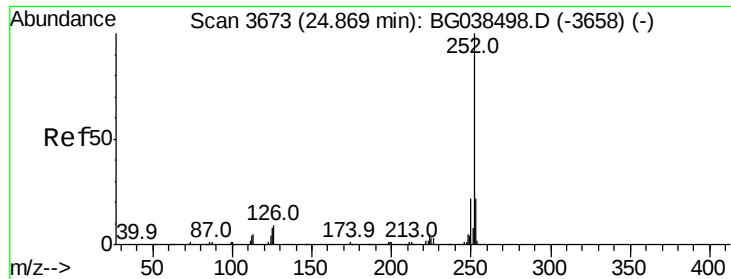
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#88
 Benzo(b)fluoranthene
 Concen: 3.270 ng
 RT: 23.96 min Scan# 3552
 Delta R.T. -0.01 min
 Lab File: BG038927.D
 Acq: 4 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	8.0	5.5	8.3





#90
 Benzo(a)pyrene
 Concen: 2.626 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.02 min
 Lab File: BG038927.D
 Acq: 4 Jan 2019 12:39

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-D-11-12-A

Tot Ion:	252	Resp:	33184
Ion Ratio	Lower	Upper	
252	100		
253	20.0	17.4	26.0
125	5.4	6.4	9.6#

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