

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040417.D
 Acq On : 10 Apr 2019 16:18
 Operator : JU/SJ
 Sample : K2345-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

Sohil
 4/11/2019 2:46:46 PM

Quant Time: Apr 11 05:30:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	73223	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	296785	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	170377	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	362201	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	358623	20.00	ng	-0.03
87) Perylene-d12	24.97	264	380273	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	615954	139.84	ng	-0.02
7) Phenol-d6	7.21	99	875670	143.85	ng	-0.02
23) Nitrobenzene-d5	9.22	82	539981	96.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	279596	151.84	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1135262	98.73	ng	-0.02
79) Terphenyl-d14	20.03	244	1322509	82.96	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.12	163	138414	10.380	ng	98
75) Fluoranthene	19.48	202	109487	4.857	ng	92
78) Pyrene	19.84	202	98073	4.159	ng	# 93
81) Benzo(a)anthracene	21.68	228	83943	3.800	ng	96
83) Chrysene	21.74	228	73618m	3.468	ng	
88) Benzo(b)fluoranthene	23.93	252	86239	3.704	ng	# 89
90) Benzo(a)pyrene	24.82	252	57875	2.649	ng	# 96

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

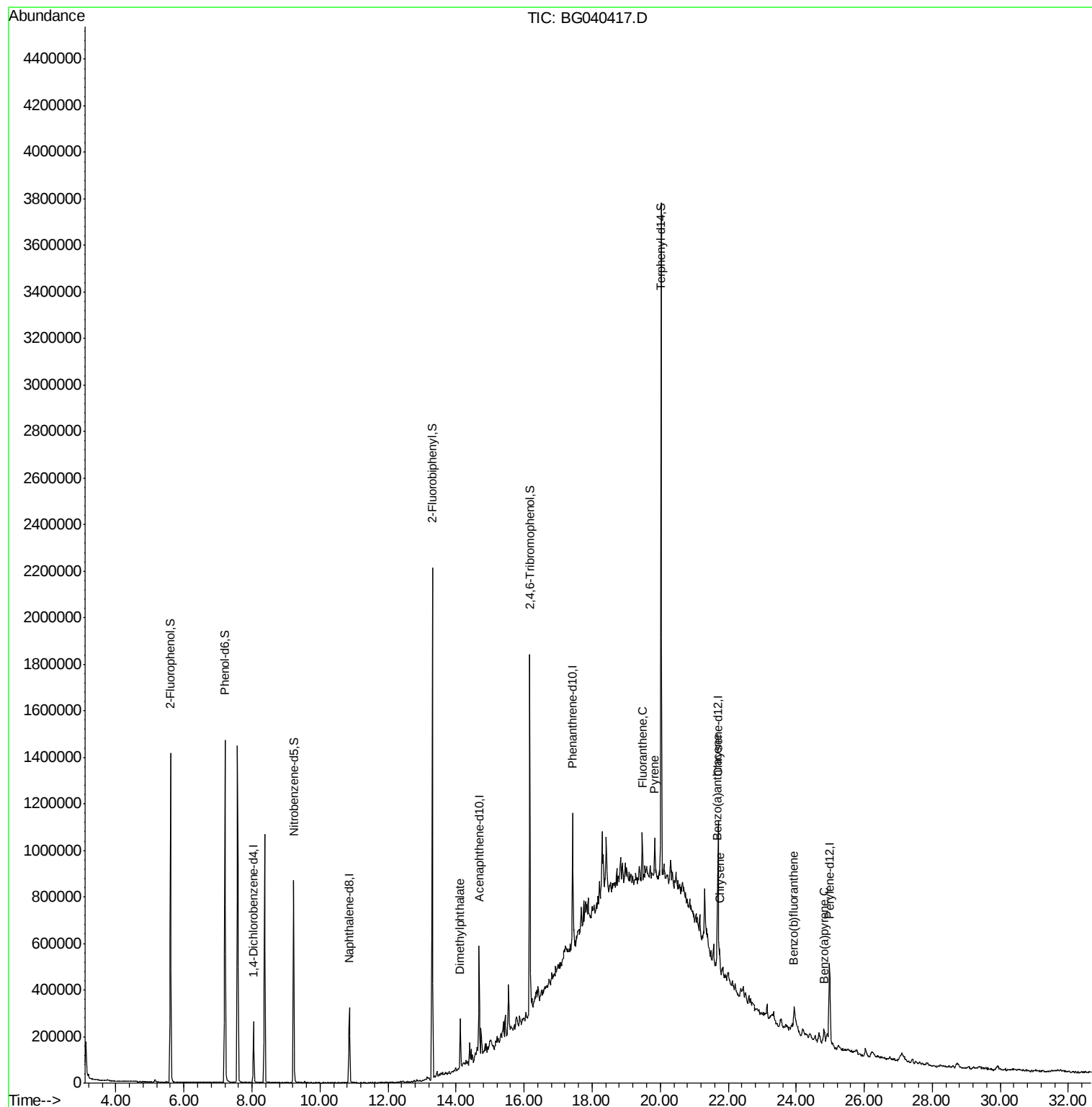
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040417.D
Acq On : 10 Apr 2019 16:18
Operator : JU/SJ
Sample : K2345-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

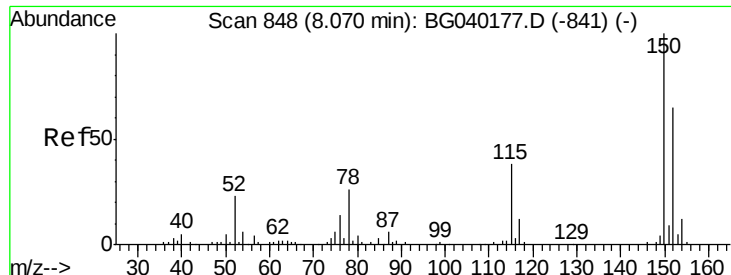
Instrument :
BNA_G
ClientSampleId :
TP-2

Manual Integrations
APPROVED

Sohil
4/11/2019 2:46:46 PM

Quant Time: Apr 11 05:30:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration





#1

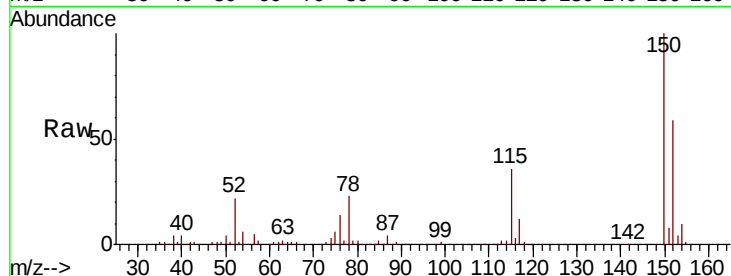
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040417.D
Acq: 10 Apr 2019 16:18

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.9	123.7	185.5
115	60.0	46.9	70.3

Manual Integrations
APPROVED

Sohil
4/11/2019 2:46:46 PM



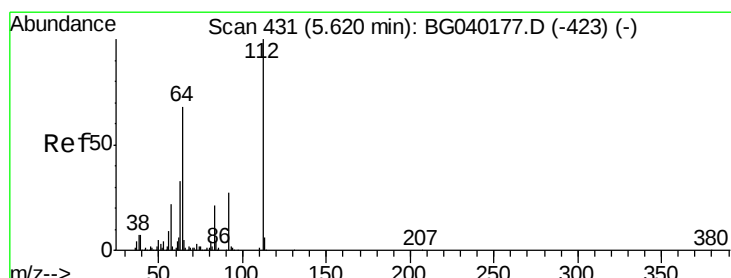
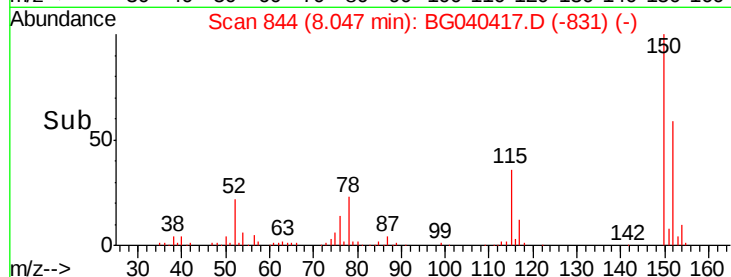
Abundance

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

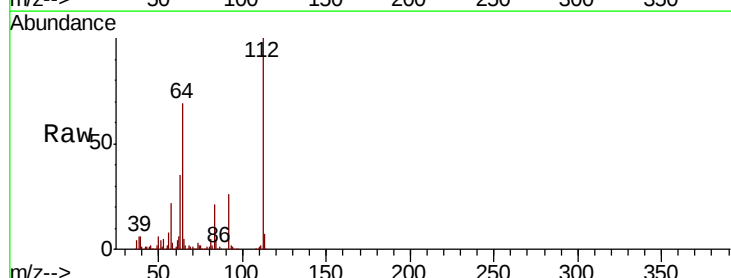
Time-->



#5

2-Fluorophenol
Concen: 139.843 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040417.D
Acq: 10 Apr 2019 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	54.2	81.2
63	35.3	26.4	39.6



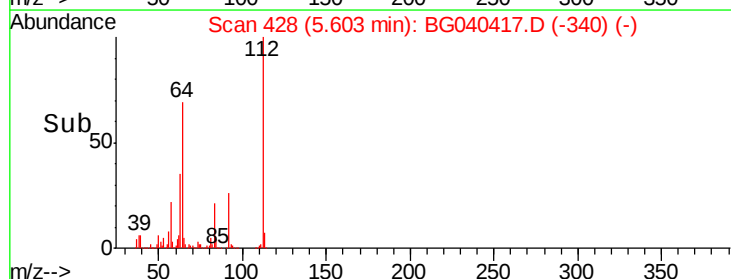
Abundance

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

Time-->





#7

Phenol-d6

Concen: 143.853 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040417.D

Acq: 10 Apr 2019 16:18

Instrument :

BNA_G

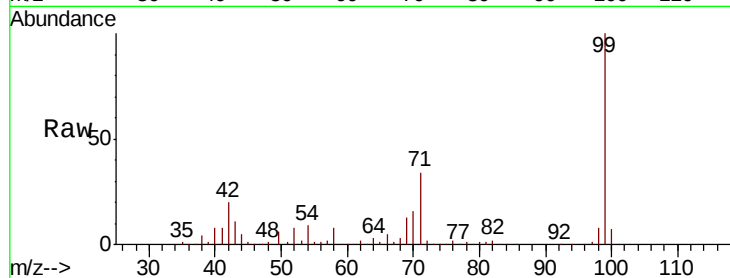
ClientSampled :

TP-2

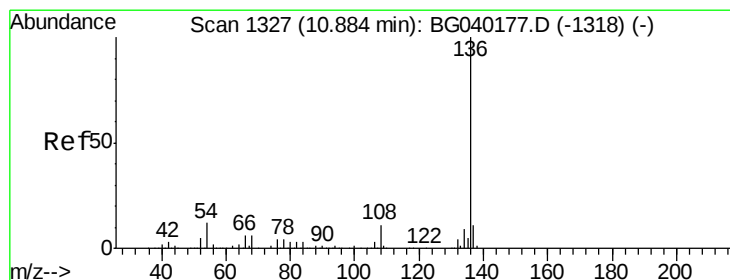
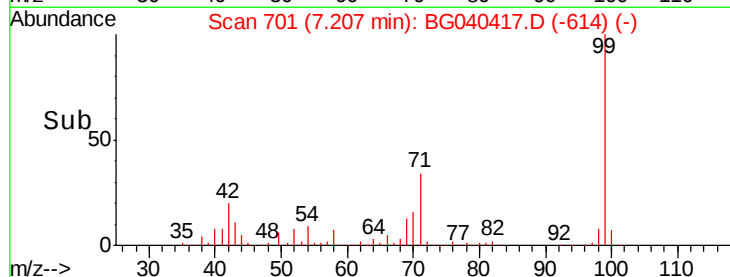
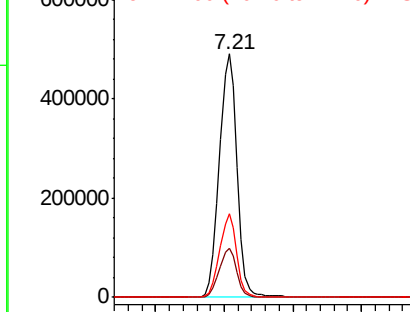
Tot Ion:	99	Resp:	875670
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.2	24.2
71	34.1	26.8	40.2

Manual Integrations
APPROVED

Sohil
4/11/2019 2:46:46 PM



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

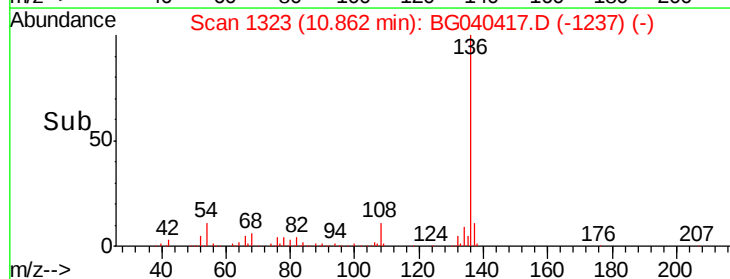
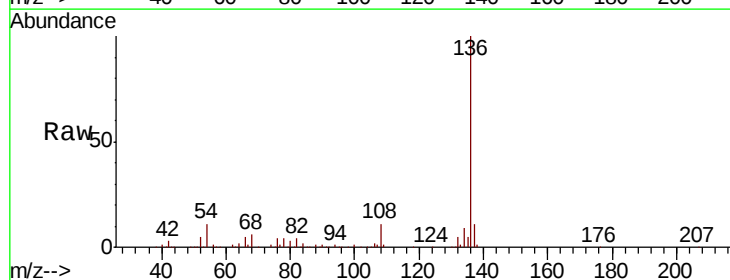
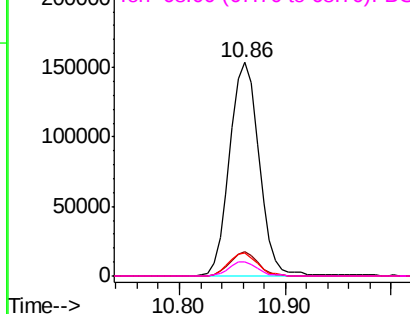
Delta R.T. -0.02 min

Lab File: BG040417.D

Acq: 10 Apr 2019 16:18

Tgt Ion:	136	Resp:	296785
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.7	9.6	14.4
68	6.4	5.1	7.7

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





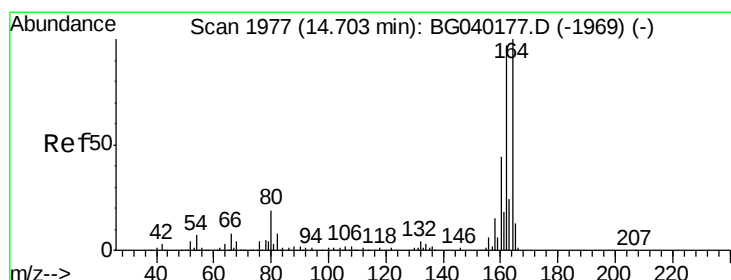
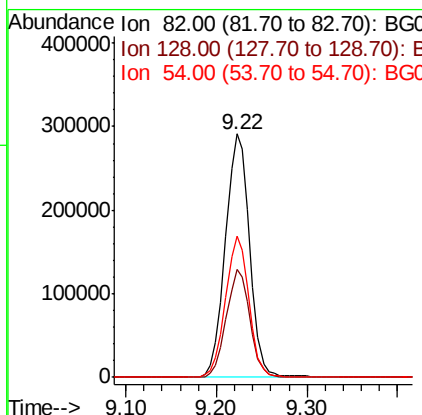
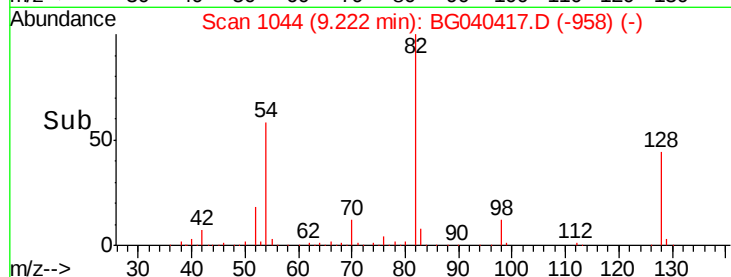
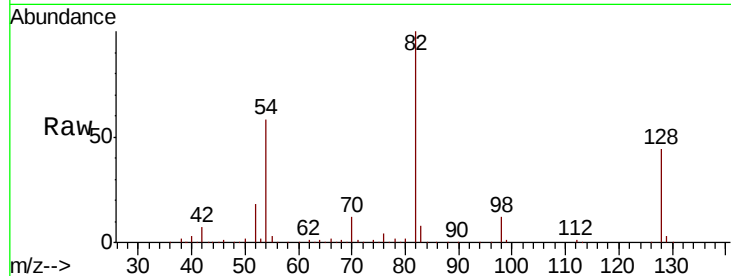
#23
 Nitrobenzene-d5
 Concen: 96.709 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040417.D
 Acq: 10 Apr 2019 16:18

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
82	100	539981		
128	44.3	35.8	53.8	
54	57.9	46.2	69.2	

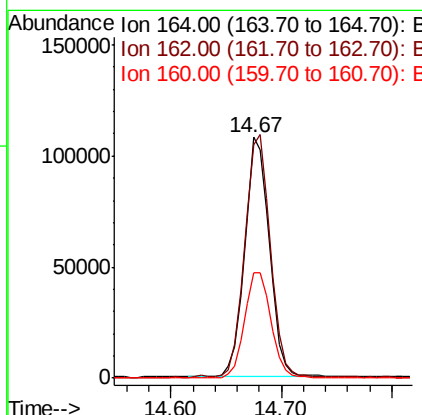
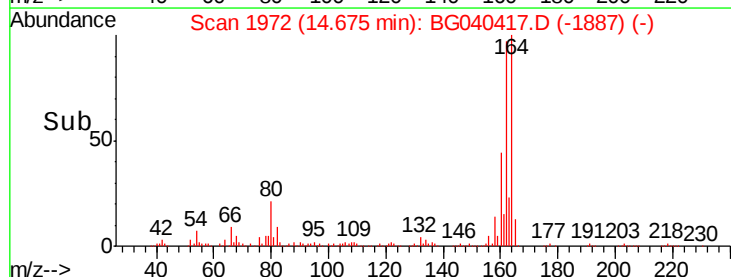
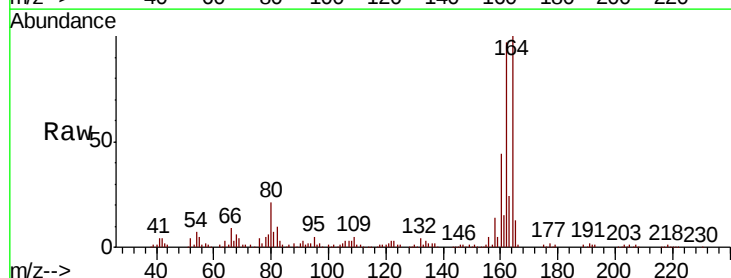
Manual Integrations
 APPROVED

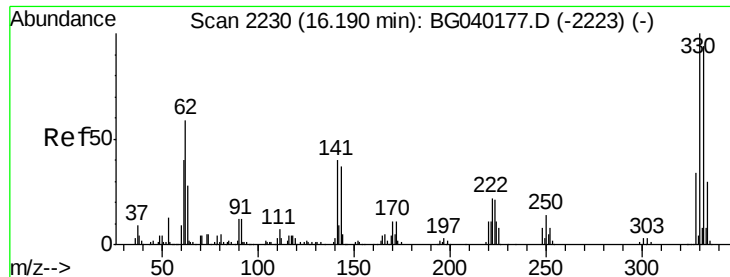
Sohil
 4/11/2019 2:46:46 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040417.D
 Acq: 10 Apr 2019 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170377		
162	96.7	77.4	116.2	
160	44.0	35.3	52.9	





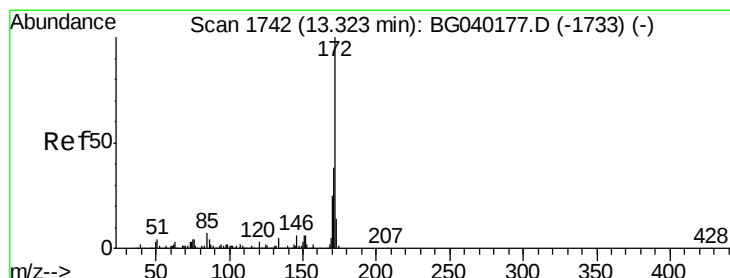
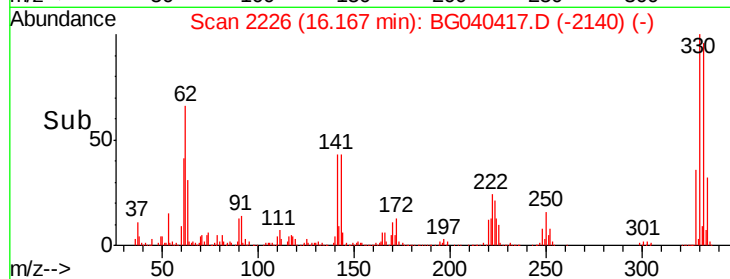
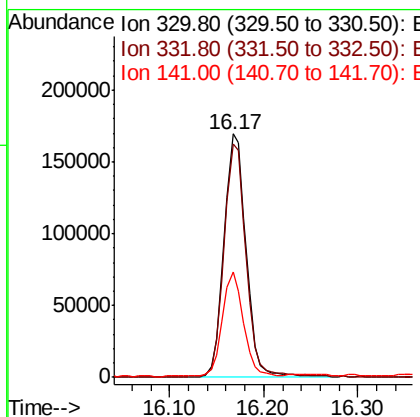
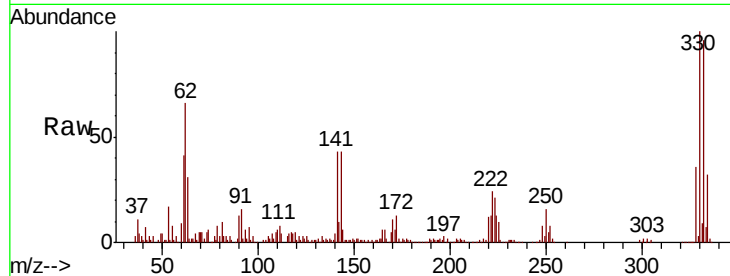
#42
 2,4,6-Tribromophenol
 Concen: 151.844 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040417.D
 Acq: 10 Apr 2019 16:18

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279596		
332	96.1	76.6	115.0	
141	40.4	32.6	48.8	

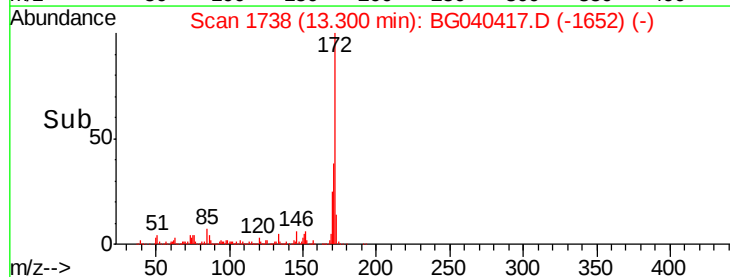
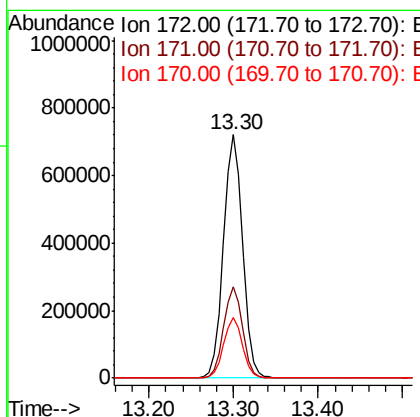
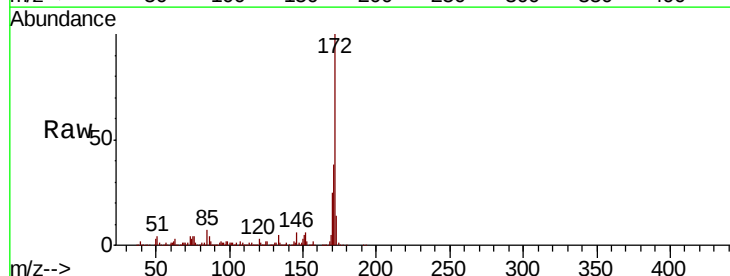
Manual Integrations
 APPROVED

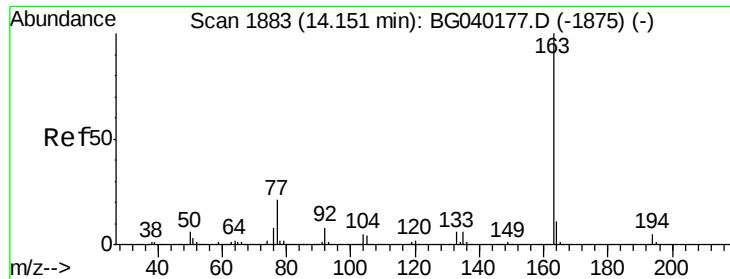
Sohil
 4/11/2019 2:46:46 PM



#45
 2-Fluorobiphenyl
 Concen: 98.733 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040417.D
 Acq: 10 Apr 2019 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1135262		
171	37.7	30.5	45.7	
170	25.0	20.1	30.1	





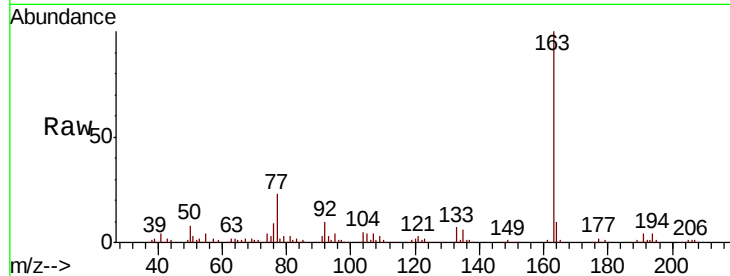
#50
Dimethylphthalate
Concen: 10.380 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040417.D
Acq: 10 Apr 2019 16:18

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.1	6.1
164	10.3	8.6	13.0

Manual Integrations
APPROVED

Sohil
4/11/2019 2:46:46 PM

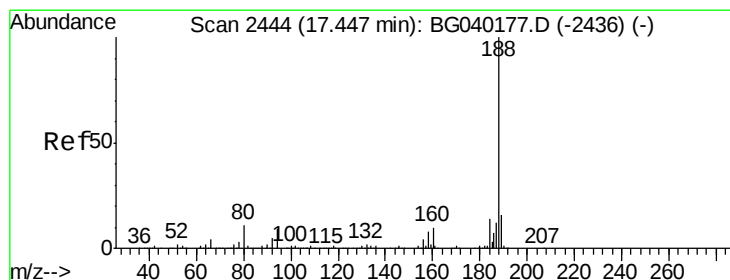
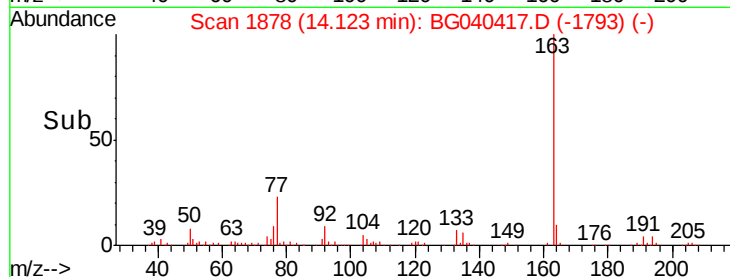
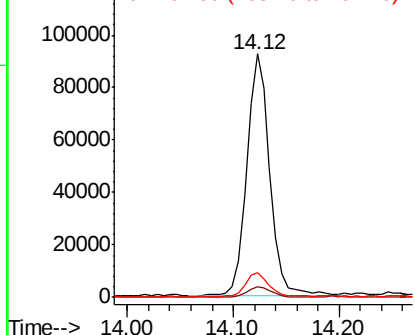


Abundance

Ion 163.00 (162.70 to 163.70): E

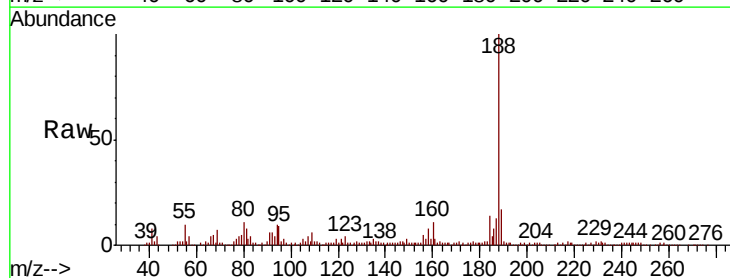
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040417.D
Acq: 10 Apr 2019 16:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.0	10.4
80	11.2	8.6	13.0

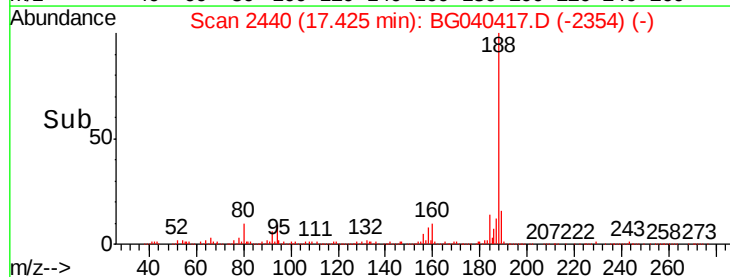
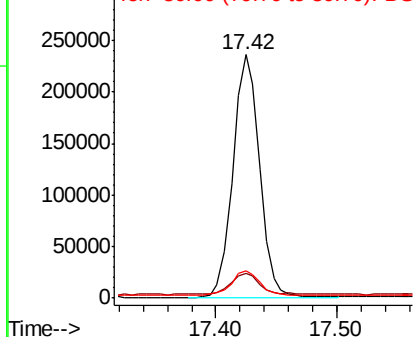


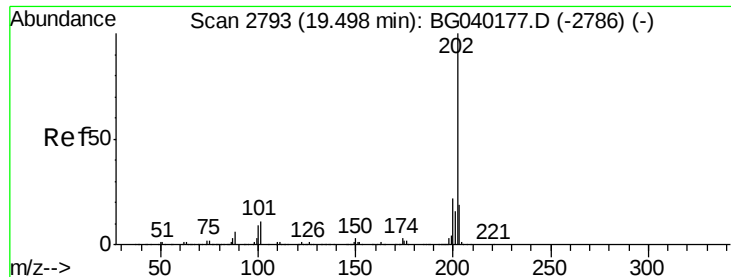
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 4.857 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040417.D

Acq: 10 Apr 2019 16:18

Instrument :

BNA_G

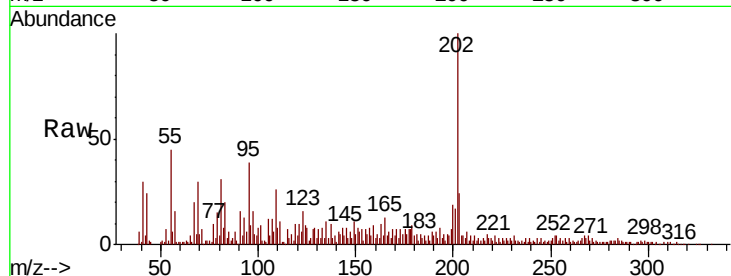
ClientSampled :

TP-2

Tot Ion:	202	Resp:	109487
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	30.8
203	23.6	0.0	38.9

Manual Integrations
APPROVED

Sohil
4/11/2019 2:46:46 PM

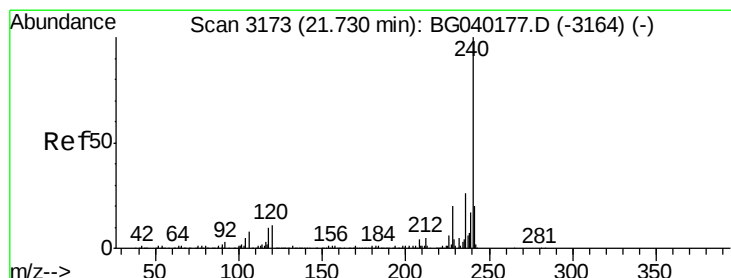
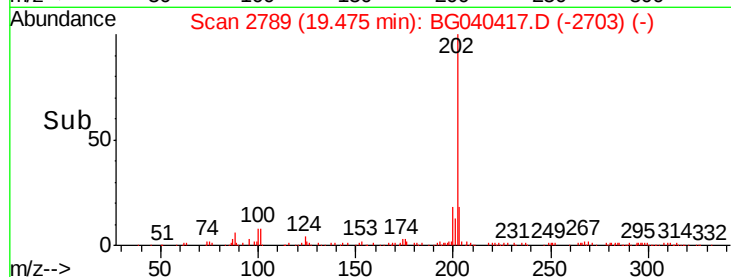
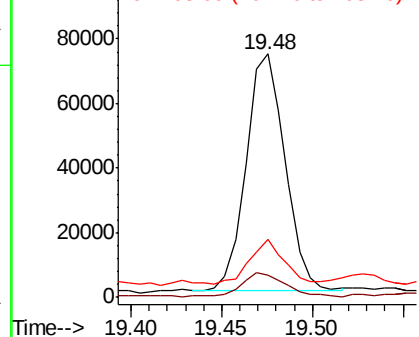


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

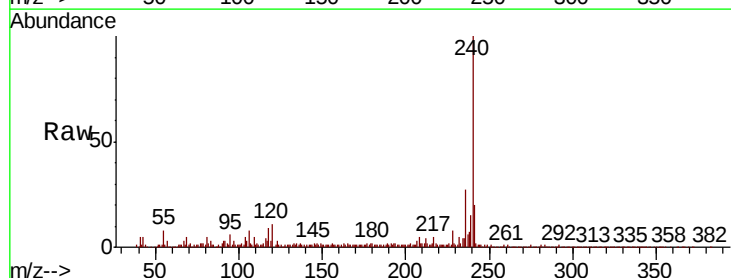
RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040417.D

Acq: 10 Apr 2019 16:18

Tgt Ion:	240	Resp:	358623
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.4	12.6
236	26.7	20.8	31.2

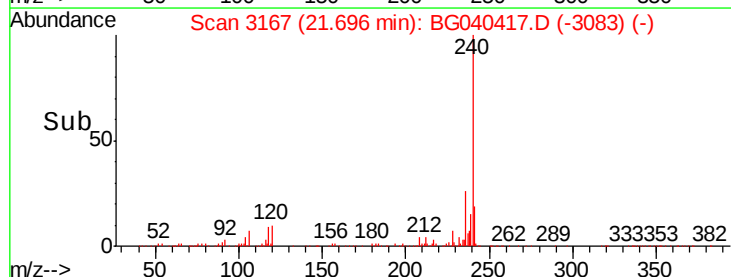
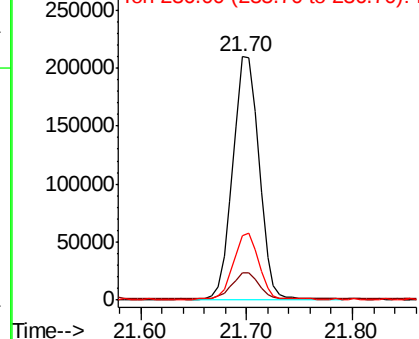


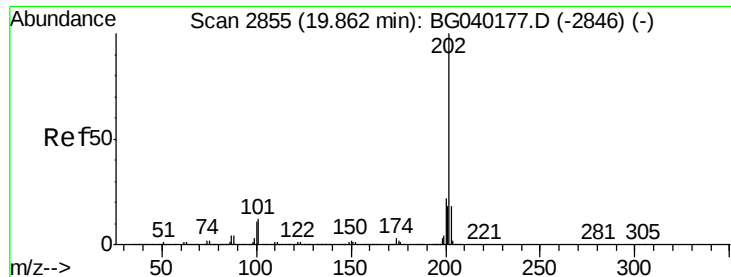
Abundance

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: 4.159 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040417.D

Acq: 10 Apr 2019 16:18

Instrument :

BNA_G

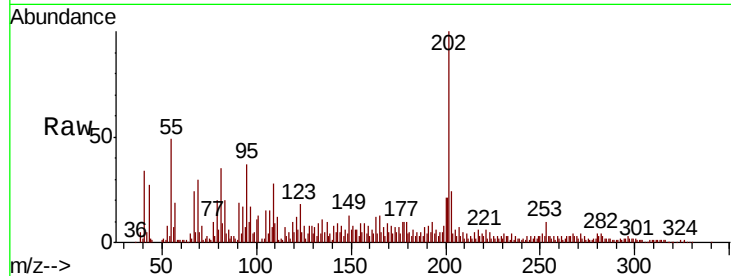
ClientSampleId :

TP-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.3	25.9
203	24.4	14.6	22.0

Manual Integrations
APPROVED

Sohil
4/11/2019 2:46:46 PM

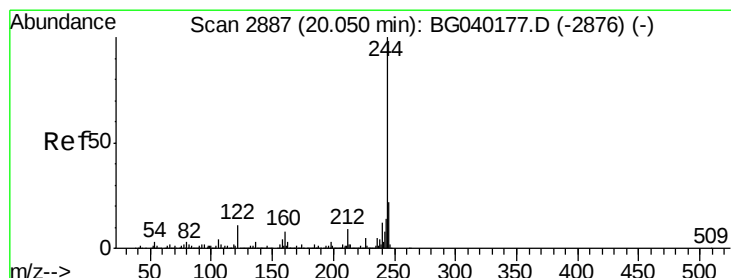
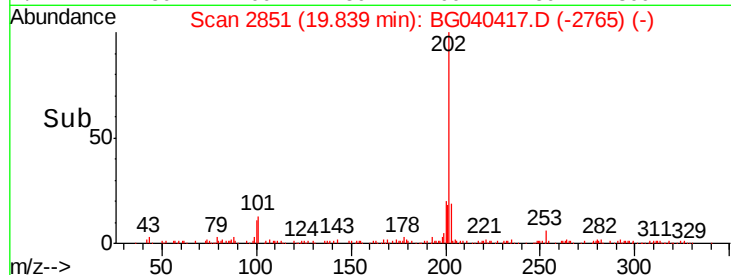
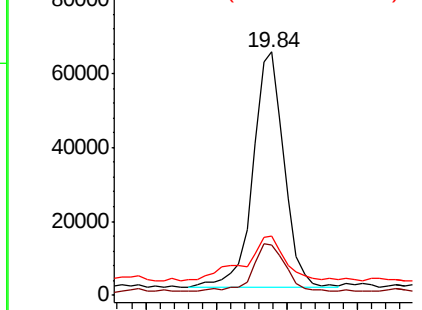


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 82.961 ng

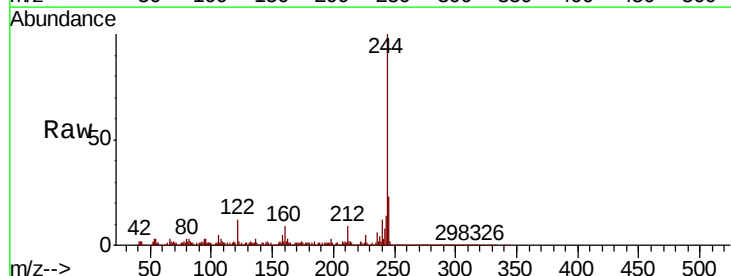
RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040417.D

Acq: 10 Apr 2019 16:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	11.5	8.5	12.7

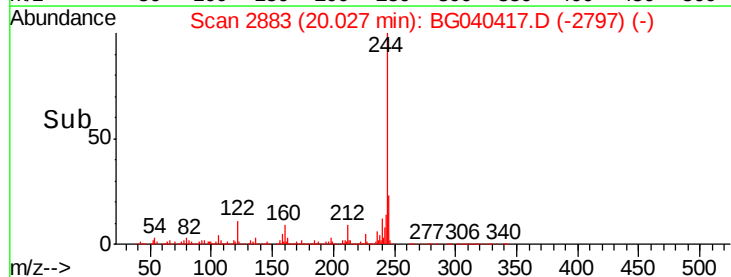
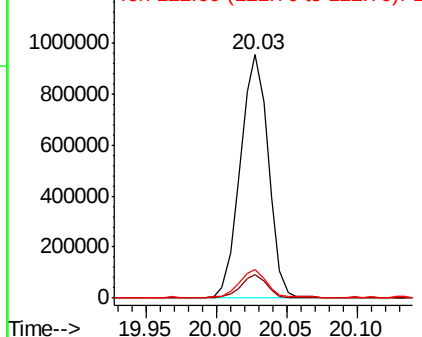


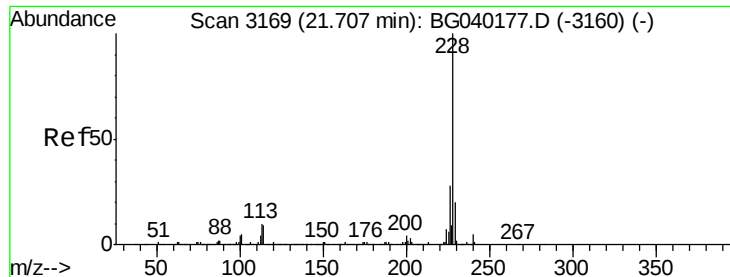
Abundance

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





#81

Benzo(a)anthracene

Concen: 3.800 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040417.D

Acq: 10 Apr 2019 16:18

Instrument :

BNA_G

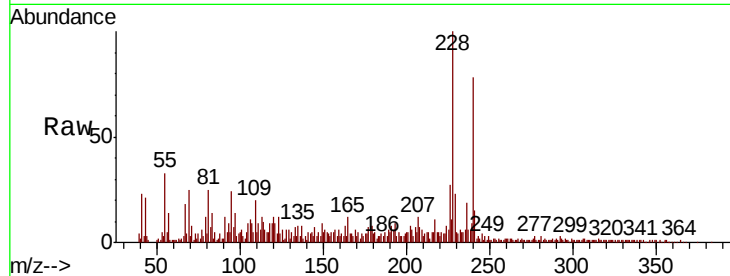
ClientSampled :

TP-2

Tot Ion:	228	Resp:	83943
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	34.0
229	23.4	16.1	24.1

Manual Integrations
APPROVED

Sohil
4/11/2019 2:46:46 PM

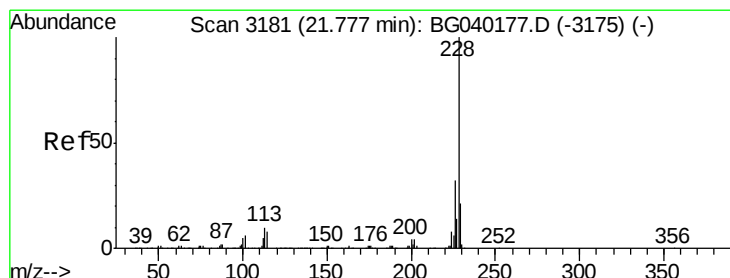
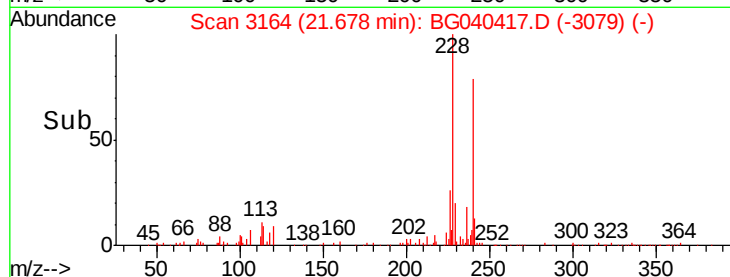
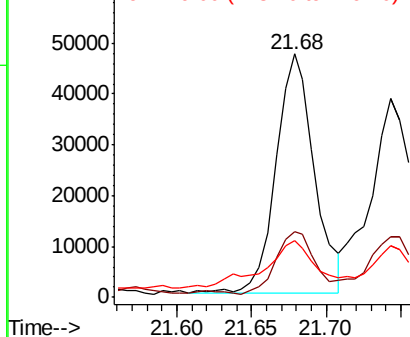


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 3.468 ng m

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040417.D

Acq: 10 Apr 2019 16:18

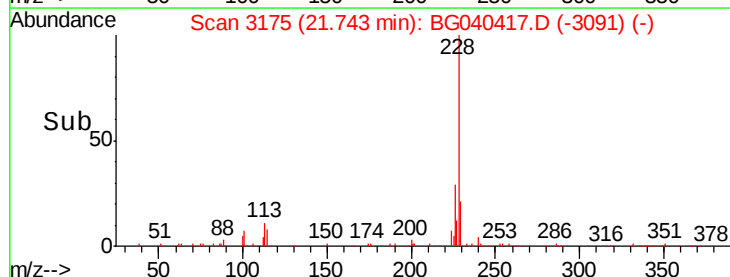
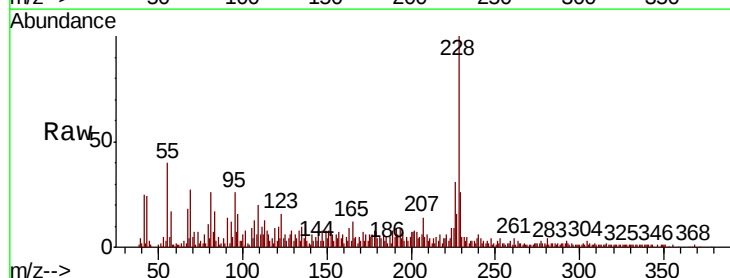
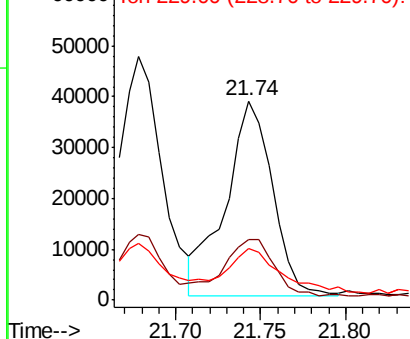
Tgt Ion:	228	Resp:	73618
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.4	38.0
229	25.9	17.0	25.4#

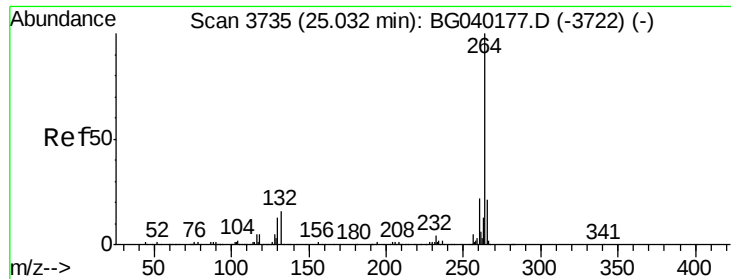
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





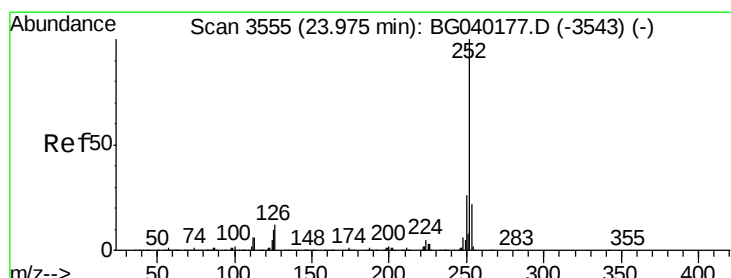
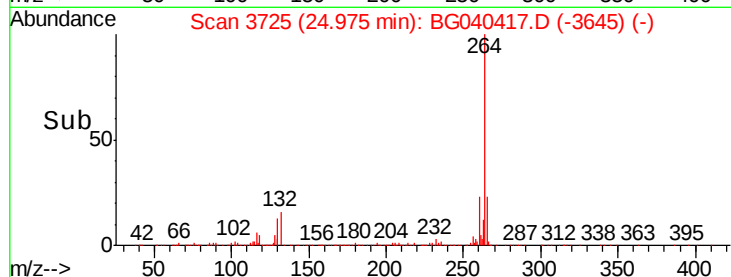
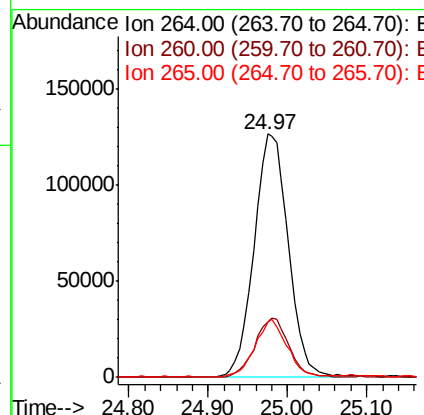
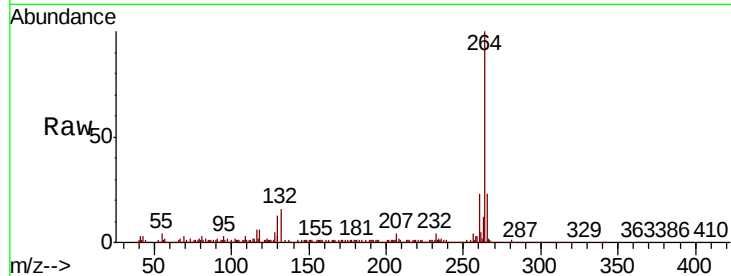
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040417.D
Acq: 10 Apr 2019 16:18

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	22.8	16.8	25.2

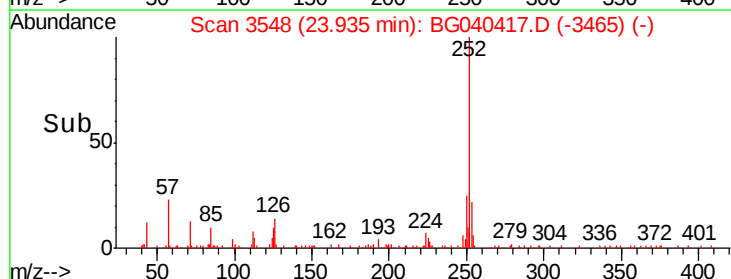
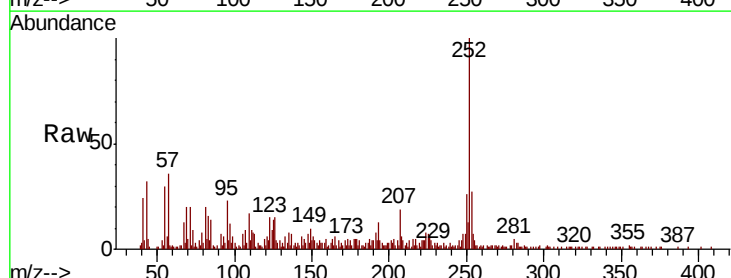
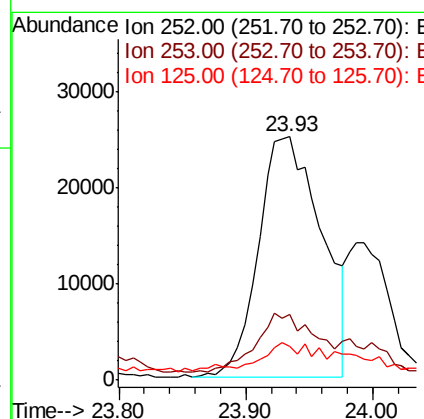
Manual Integrations
APPROVED

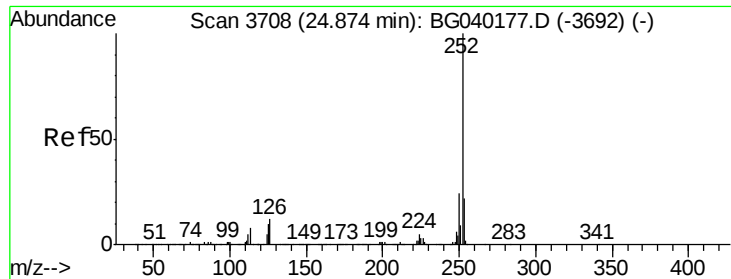
Sohil
4/11/2019 2:46:46 PM



#88
Benzo(b)fluoranthene
Concen: 3.704 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.04 min
Lab File: BG040417.D
Acq: 10 Apr 2019 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.6	26.4#
125	14.0	8.2	12.4#





#90
Benzo(a)pyrene
Concen: 2.649 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.05 min
Lab File: BG040417.D
Acq: 10 Apr 2019 16:18

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	13.1	8.3	12.5

Manual Integrations
APPROVED

Sohil
4/11/2019 2:46:46 PM

