

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041392.D
 Acq On : 22 Jun 2019 2:44
 Operator : HP/JU
 Sample : K3419-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Manual Integrations
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Quant Time: Jun 22 05:05:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	30676	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	116992	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	90388	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	240603	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	243367	20.00	ng	-0.03
87) Perylene-d12	25.00	264	257600	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	240711	144.18	ng	-0.03
7) Phenol-d6	7.21	99	349588	144.46	ng	-0.02
23) Nitrobenzene-d5	9.23	82	246503	88.61	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	207956	149.86	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	531764	79.96	ng	-0.03
79) Terphenyl-d14	20.04	244	841466	68.52	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.13	163	62992	7.833	ng	96
78) Pyrene	19.85	202	58791	3.582	ng	98
86) Indeno(1,2,3-cd)pyrene	28.78	276	123600	6.574	ng	97
88) Benzo(b)fluoranthene	23.95	252	88498m	5.543	ng	
90) Benzo(a)pyrene	24.85	252	80953	5.369	ng	# 97
92) Benzo(g,h,i)perylene	29.97	276	213407	14.227	ng	99

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

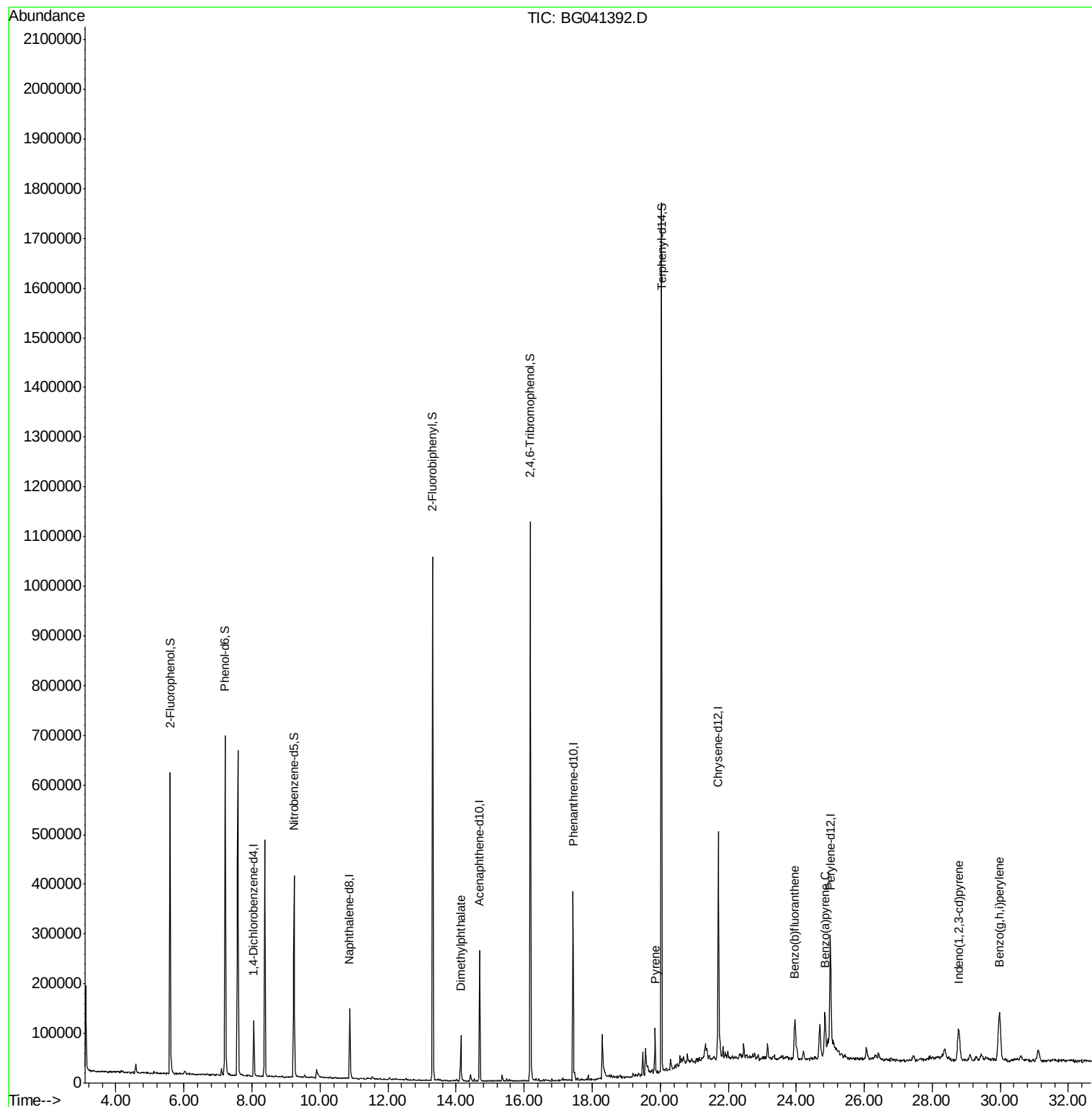
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041392.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

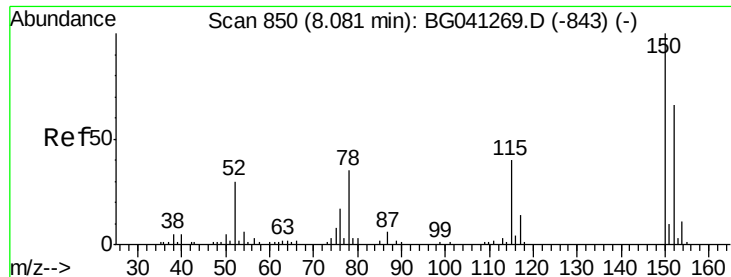
Instrument :
BNA_G
ClientSampled :
TP-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

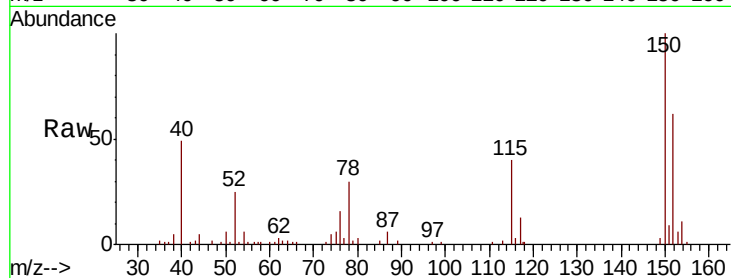
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampled :
TP-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	120.6	181.0
115	65.0	47.9	71.9

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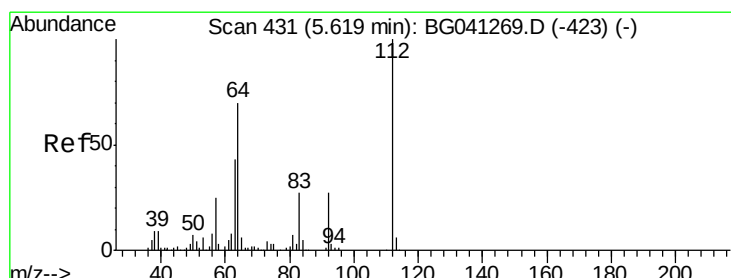
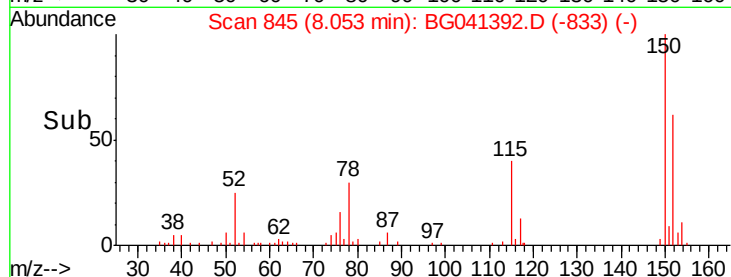
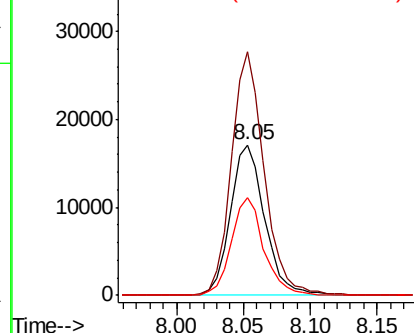


Abundance

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: 144.180 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

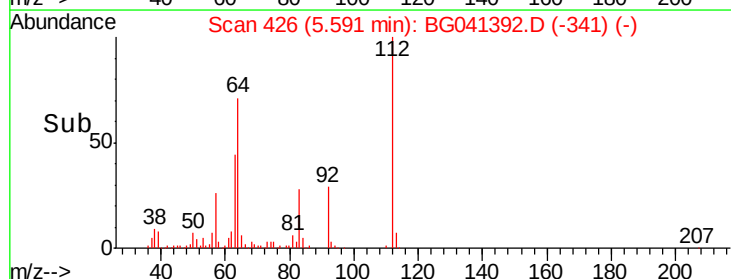
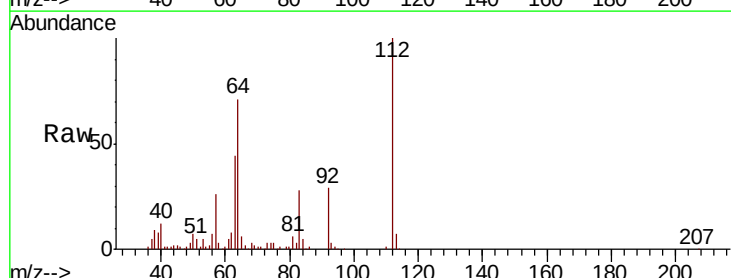
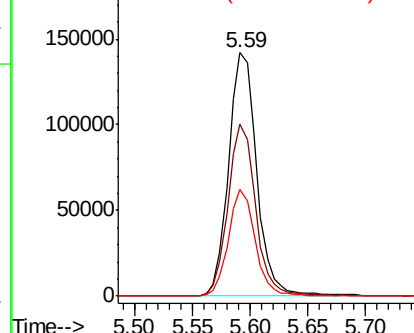
Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	55.9	83.9
63	43.6	34.6	51.8

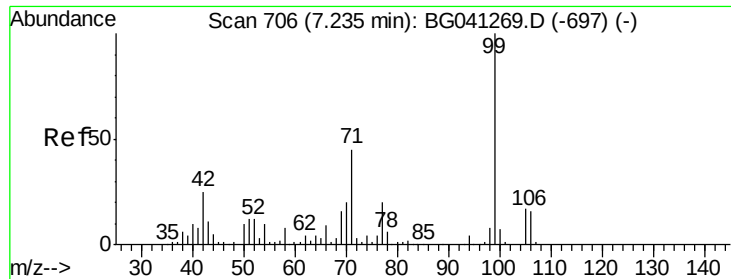
Abundance

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: 144.459 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041392.D

Acq: 22 Jun 2019 2:44

Instrument :

BNA_G

ClientSampled :

TP-B

Tot Ion: 99 Resp: 349588

Ion Ratio Lower Upper

99 100

42 24.6 19.9 29.9

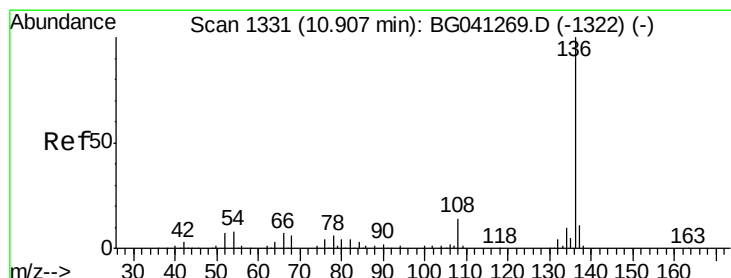
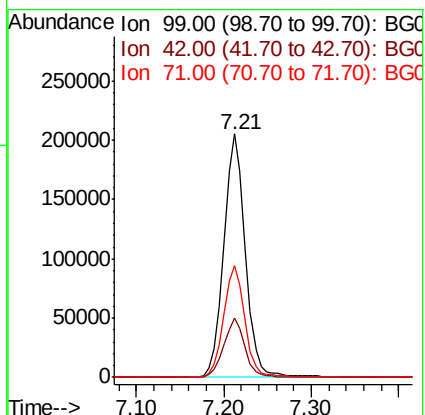
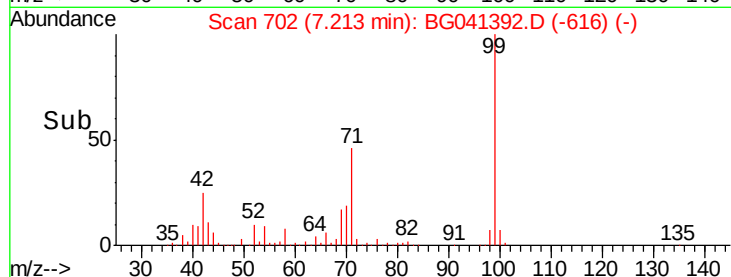
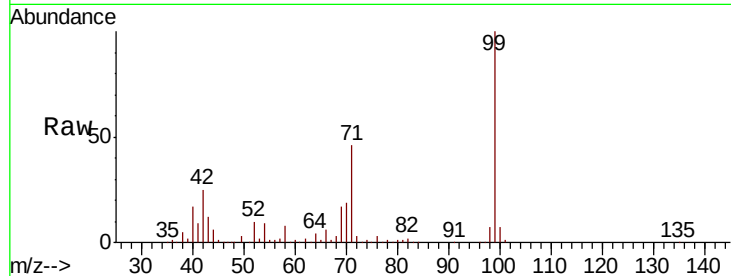
71 46.0 36.4 54.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BG041392.D

Acq: 22 Jun 2019 2:44

Tgt Ion: 136 Resp: 116992

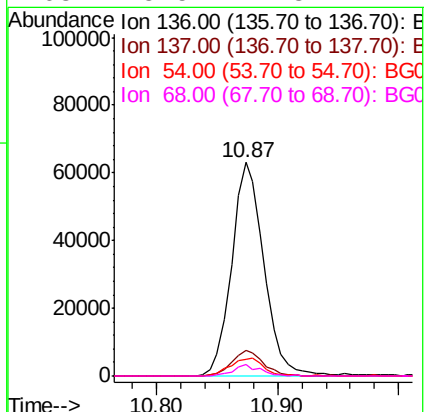
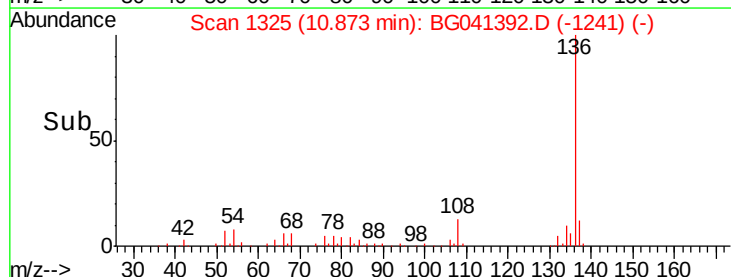
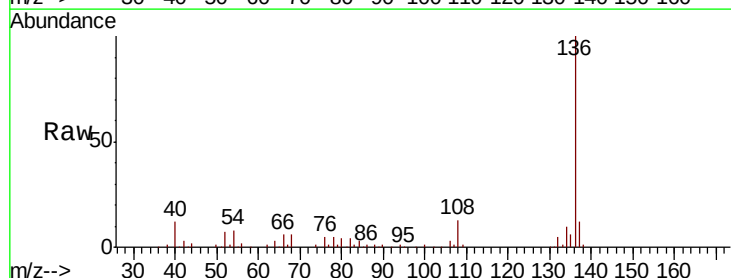
Ion Ratio Lower Upper

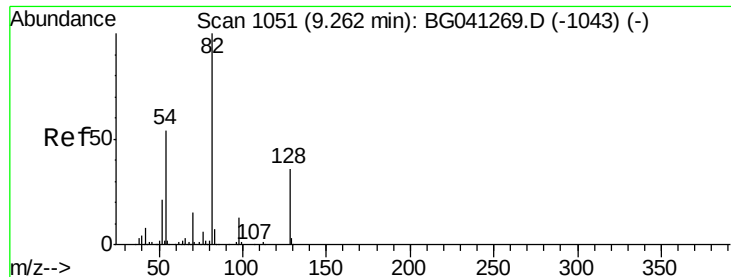
136 100

137 12.0 8.8 13.2

54 7.9 6.4 9.6

68 5.5 4.8 7.2





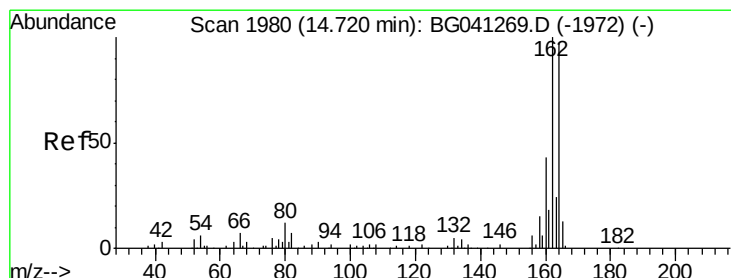
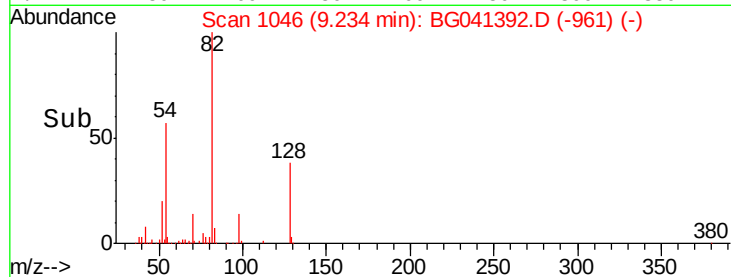
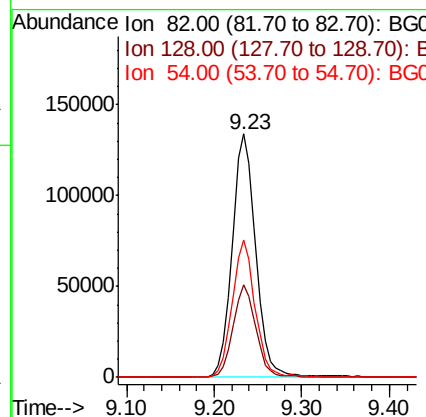
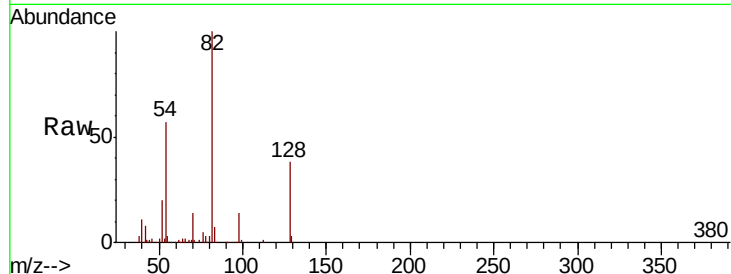
#23
 Nitrobenzene-d5
 Concen: 88.613 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BG041392.D
 Acq: 22 Jun 2019 2:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Tot Ion	82	Resp	246503
Ion Ratio	Lower	Upper	
82	100		
128	37.9	29.2	43.8
54	56.7	43.4	65.0

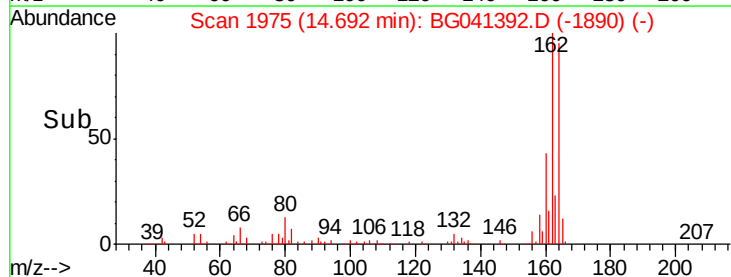
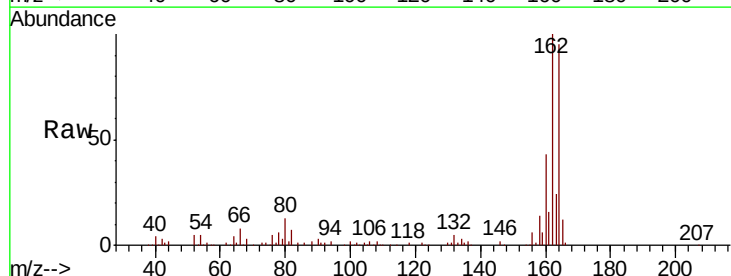
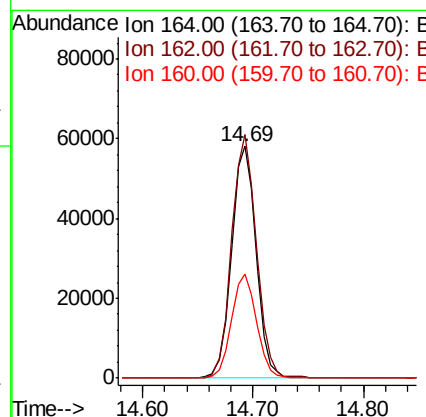
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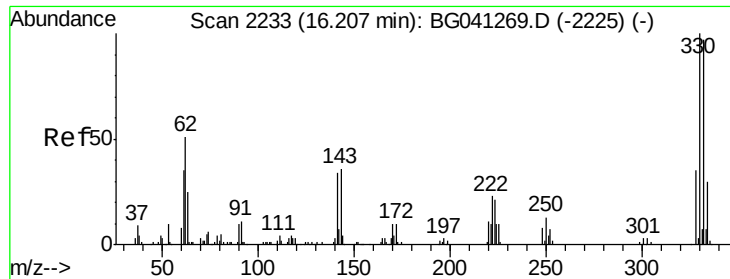
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.03 min
 Lab File: BG041392.D
 Acq: 22 Jun 2019 2:44

Tgt Ion	164	Resp	90388
Ion Ratio	Lower	Upper	
164	100		
162	105.2	82.8	124.2
160	45.0	35.8	53.8





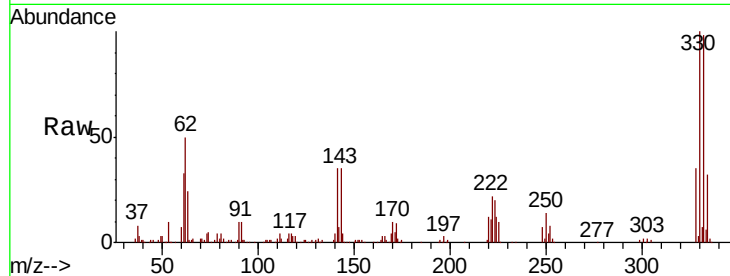
#42
 2,4,6-Tribromophenol
 Concen: 149.861 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BG041392.D
 Acq: 22 Jun 2019 2:44

Instrument :
 BNA_G
 ClientSampled :
 TP-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	207956		
332	97.1		75.5	113.3
141	36.3		29.0	43.4

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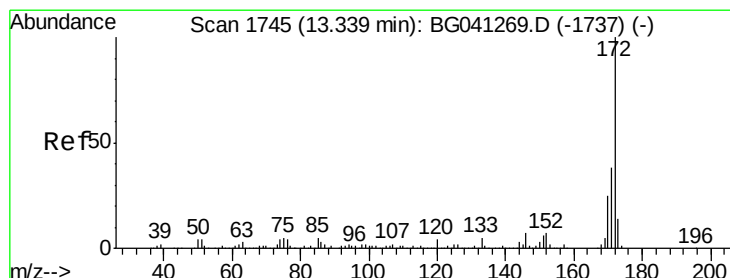
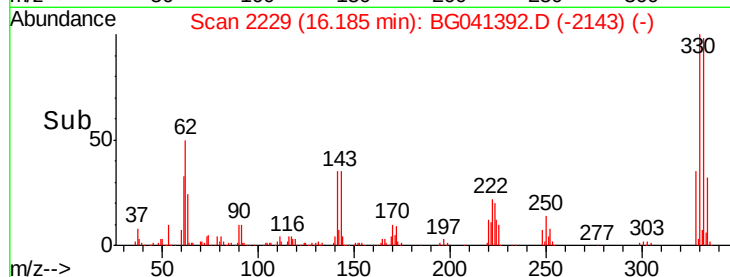
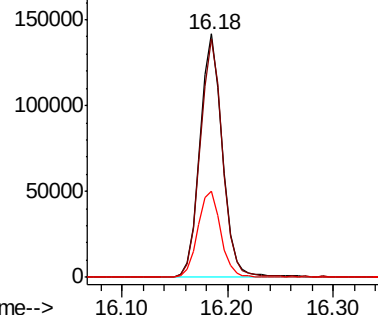


Abundance

Ion 329.80 (329.50 to 330.50): E

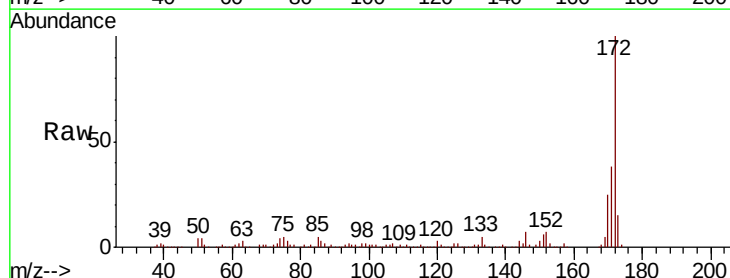
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.961 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.03 min
 Lab File: BG041392.D
 Acq: 22 Jun 2019 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	531764		
171	38.2		30.0	45.0
170	24.8		19.8	29.6

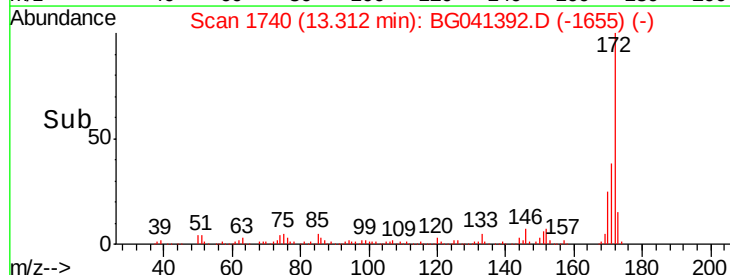
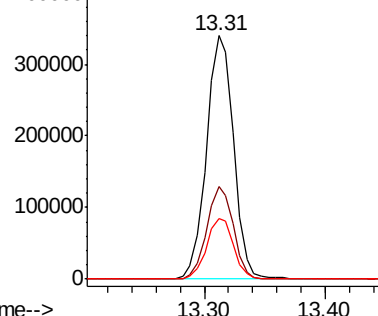


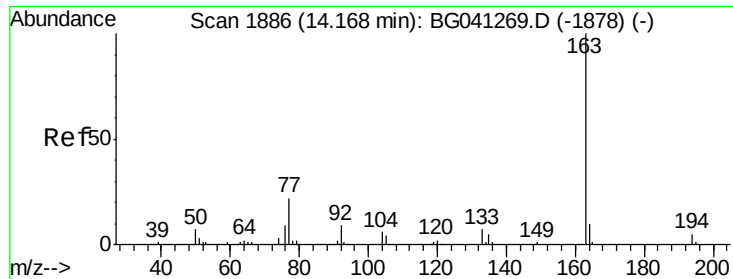
Abundance

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: 7.833 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG041392.D

Acq: 22 Jun 2019 2:44

Instrument :

BNA_G

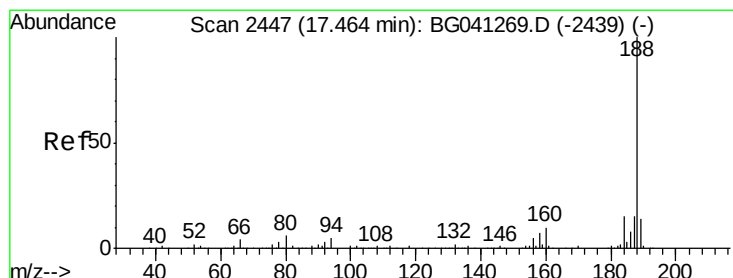
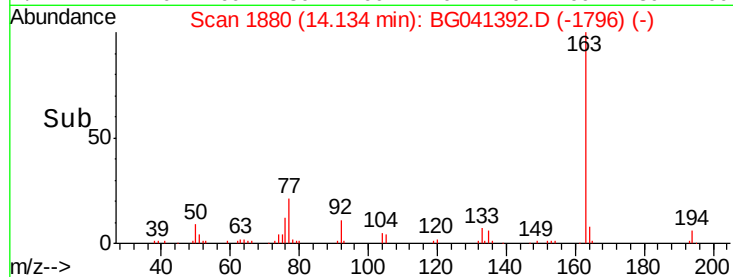
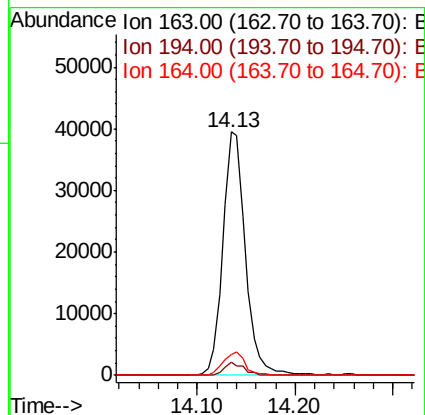
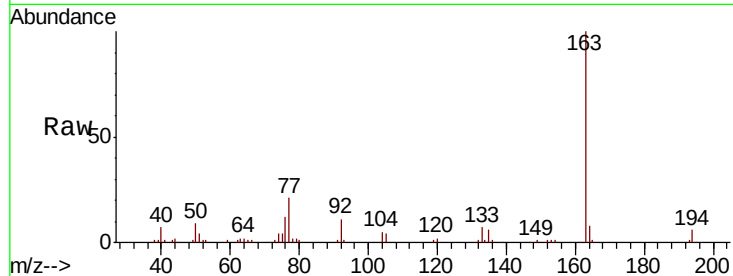
ClientSampled :

TP-B

Tot Ion:	163	Resp:	62992
Ion Ratio	Lower	Upper	
163	100		
194	5.6	3.9	5.9
164	8.3	8.3	12.5

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#64

Phenanthrene-d10

Concen: 20.000 ng

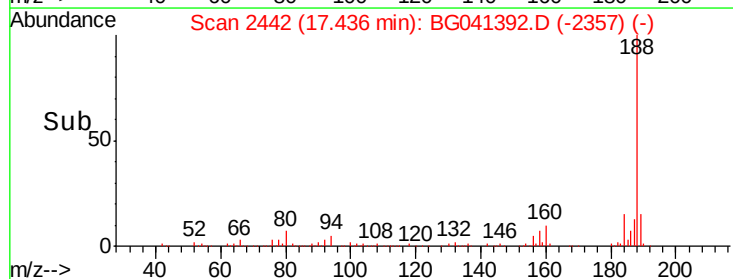
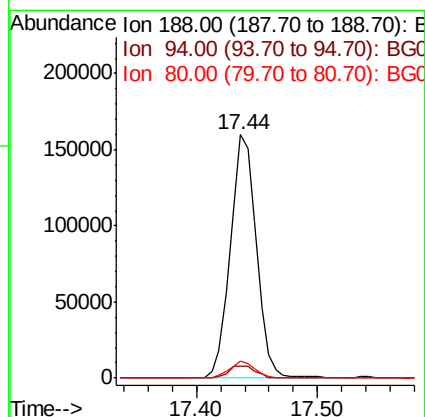
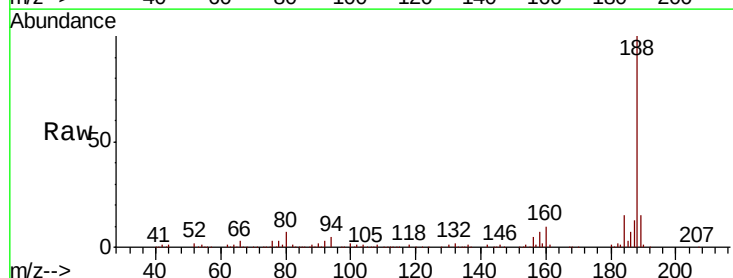
RT: 17.44 min Scan# 2442

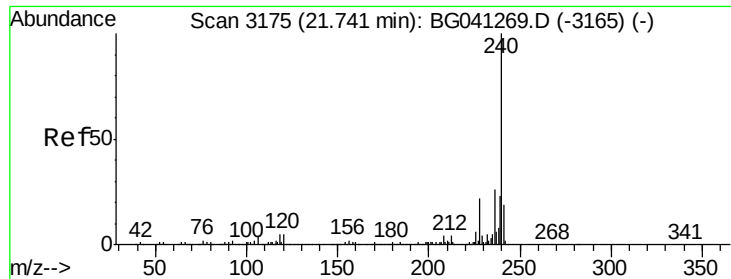
Delta R.T. -0.03 min

Lab File: BG041392.D

Acq: 22 Jun 2019 2:44

Tgt Ion:	188	Resp:	240603
Ion Ratio	Lower	Upper	
188	100		
94	5.0	3.6	5.4
80	7.1	4.8	7.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.03 min

Lab File: BG041392.D

Acq: 22 Jun 2019 2:44

Instrument :

BNA_G

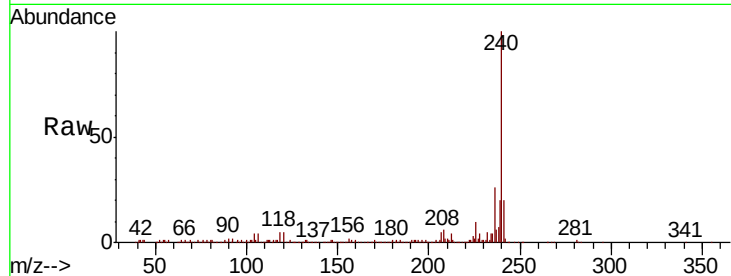
ClientSampleId :

TP-B

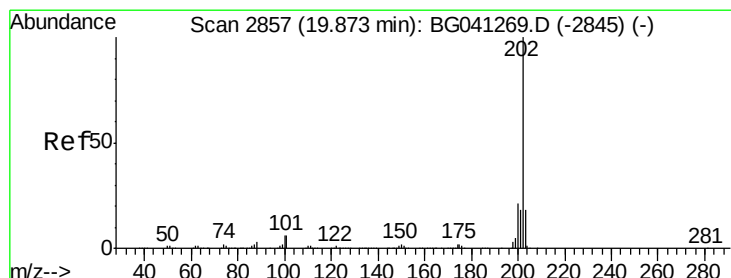
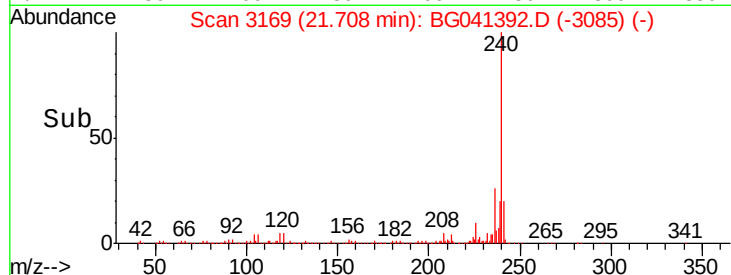
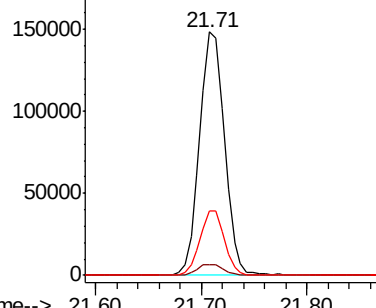
Tot Ion:	240	Resp:	243367
Ion Ratio	Lower	Upper	
240	100		
120	4.5	3.7	5.5
236	26.3	21.1	31.7

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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

Pyrene

Concen: 3.582 ng

RT: 19.85 min Scan# 2853

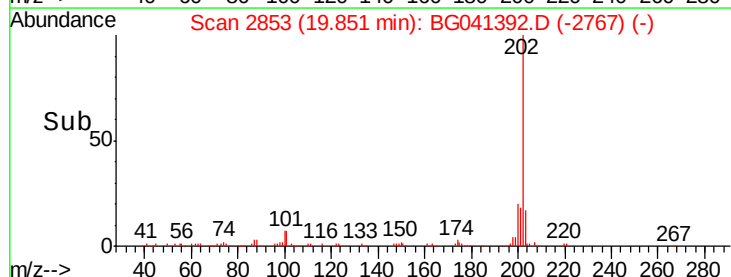
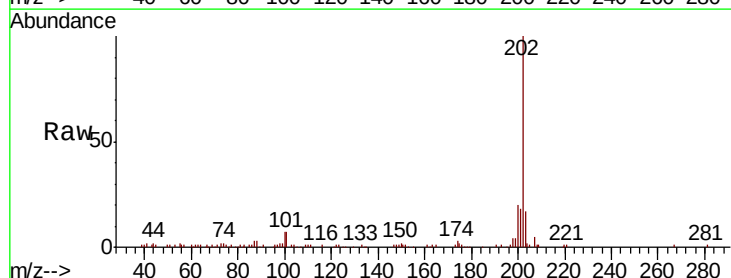
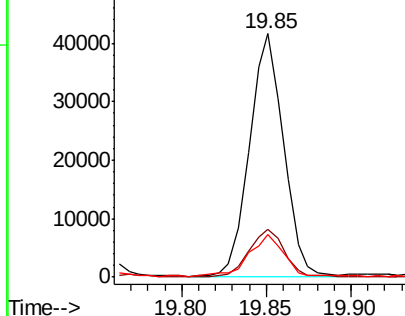
Delta R.T. -0.02 min

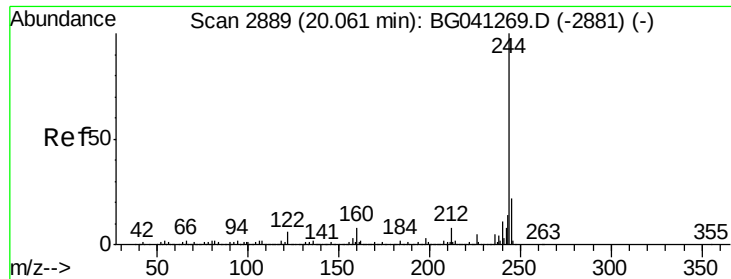
Lab File: BG041392.D

Acq: 22 Jun 2019 2:44

Tgt Ion:	202	Resp:	58791
Ion Ratio	Lower	Upper	
202	100		
200	19.6	16.8	25.2
203	17.4	14.6	21.8

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: 68.523 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041392.D

Acq: 22 Jun 2019 2:44

Instrument :

BNA_G

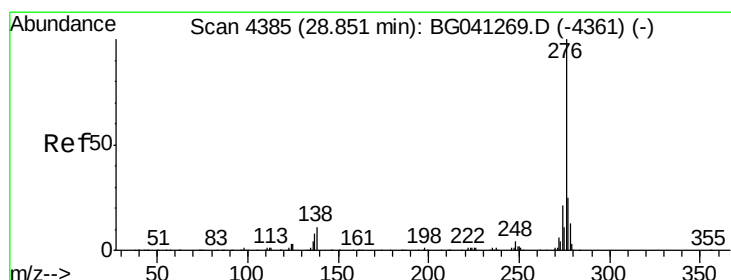
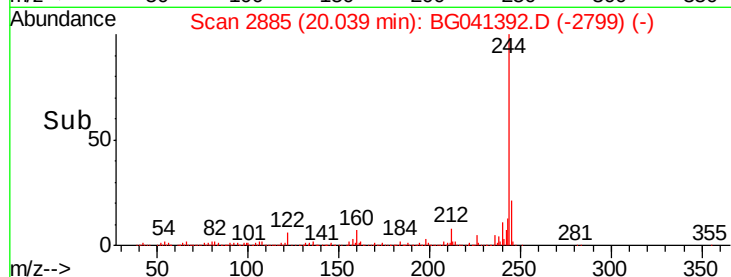
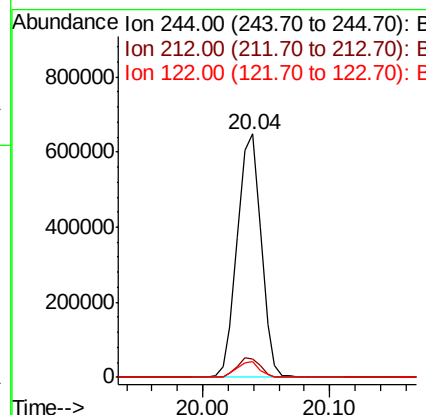
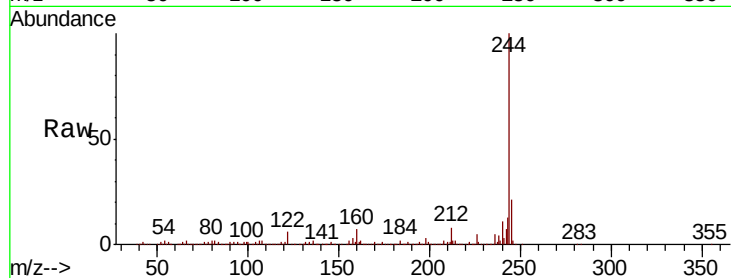
ClientSampleId :

TP-B

Tot Ion:	244	Resp:	841466
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.6	10.0
122	6.3	5.0	7.4

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#86

Indeno(1,2,3-cd)pyrene

Concen: 6.574 ng

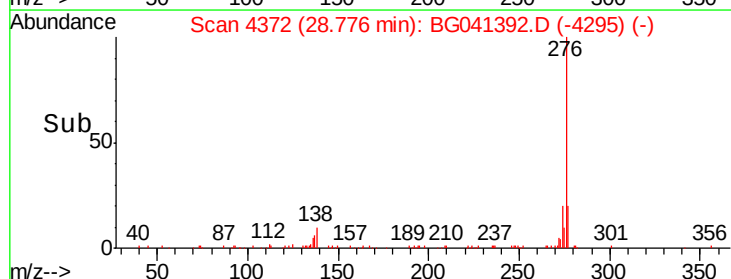
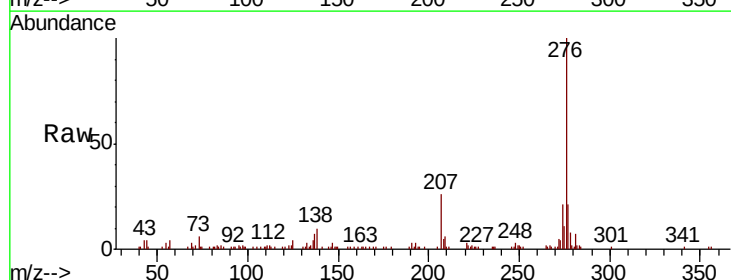
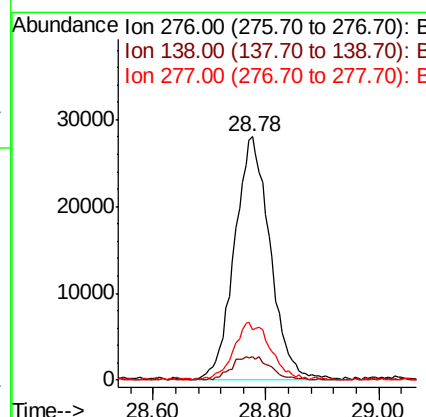
RT: 28.78 min Scan# 4372

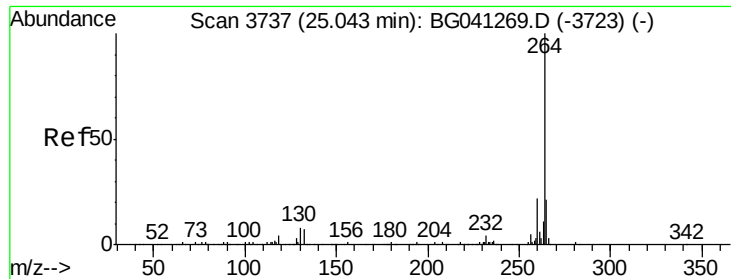
Delta R.T. -0.07 min

Lab File: BG041392.D

Acq: 22 Jun 2019 2:44

Tgt Ion:	276	Resp:	123600
Ion Ratio	Lower	Upper	
276	100		
138	10.4	7.7	11.5
277	24.3	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG041392.D

Acq: 22 Jun 2019 2:44

Instrument :

BNA_G

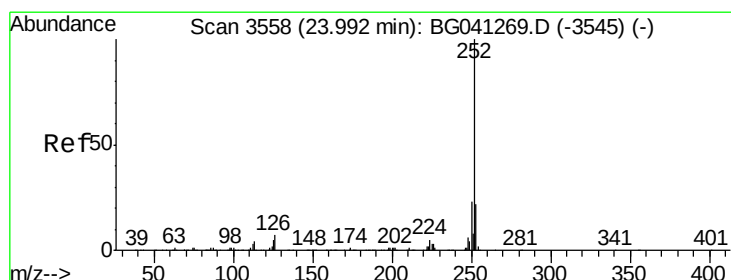
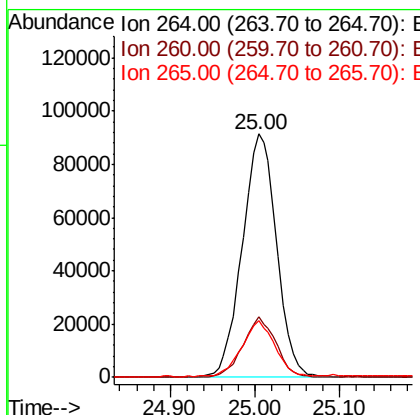
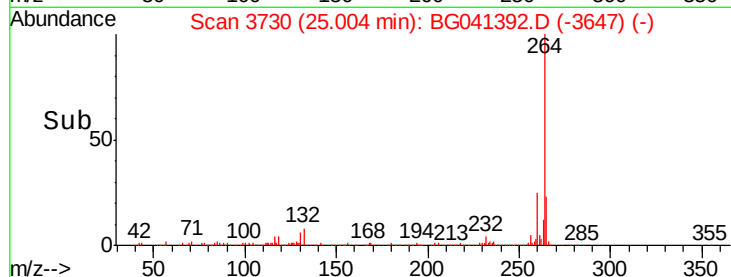
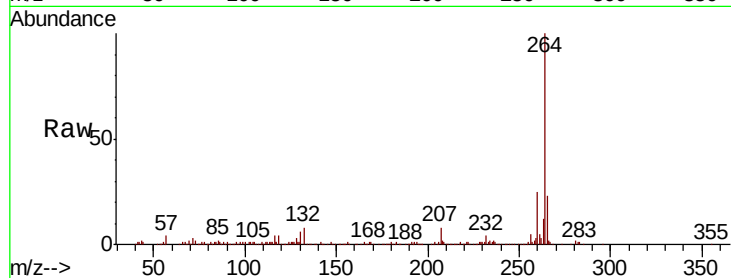
ClientSampleId :

TP-B

Tot Ion:	264	Resp:	257600
Ion Ratio	Lower	Upper	
264	100		
260	24.9	17.4	26.2
265	23.1	17.2	25.8

Manual Integrations
APPROVED

mohammad
6/25/2019 3:20:22 PM



#88

Benzo(b)fluoranthene

Concen: 5.543 ng m

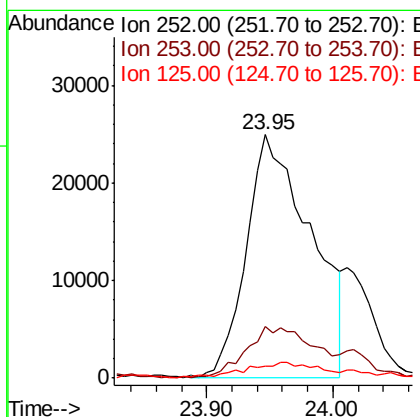
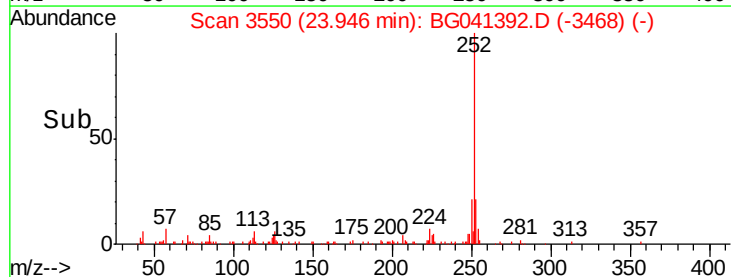
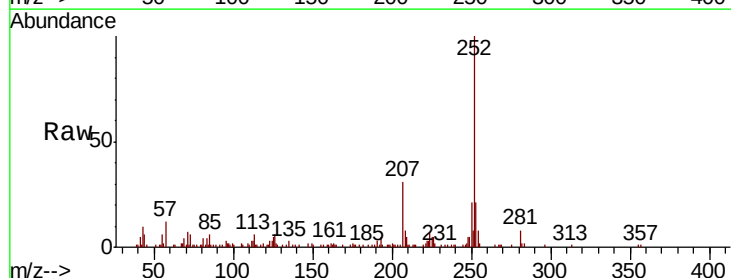
RT: 23.95 min Scan# 3550

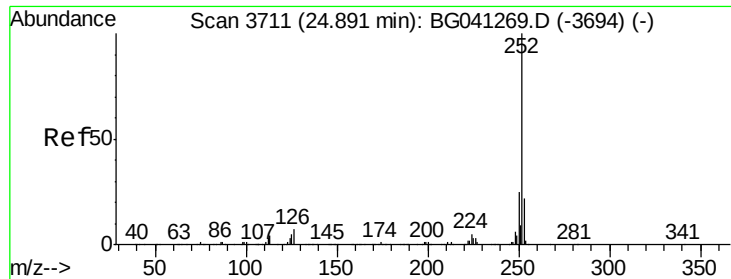
Delta R.T. -0.05 min

Lab File: BG041392.D

Acq: 22 Jun 2019 2:44

Tgt Ion:	252	Resp:	88498
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.4	26.0
125	5.0	3.9	5.9





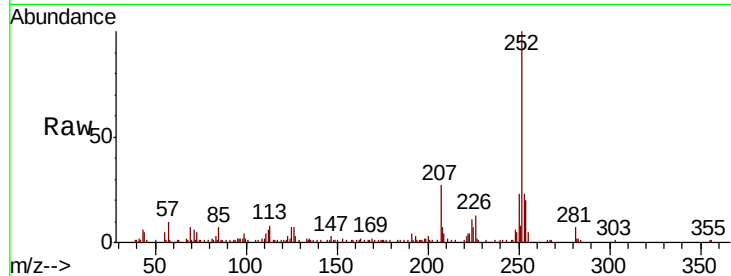
#90
Benzo(a)pyrene
Concen: 5.369 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.05 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	7.2	4.2	6.4

Manual Integrations
APPROVED

mohammad
6/25/2019 3:20:22 PM

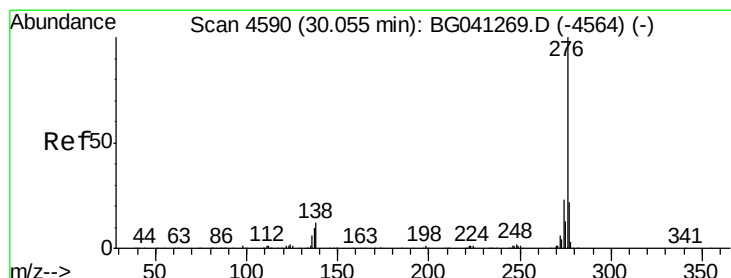
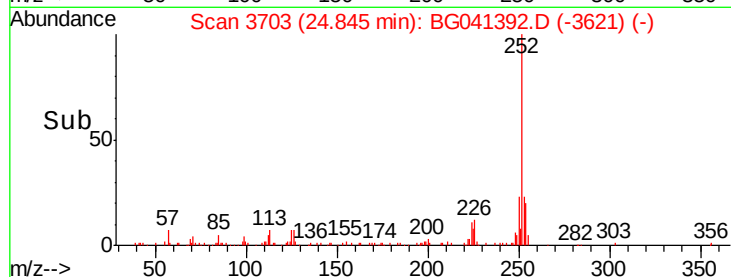
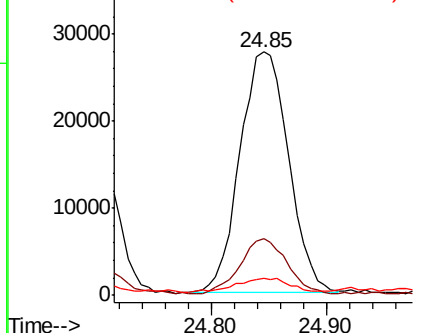


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 14.227 ng
RT: 29.97 min Scan# 4576
Delta R.T. -0.08 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	11.5	9.4	14.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

