

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041580.D
 Acq On : 3 Jul 2019 3:09
 Operator : HP/JU
 Sample : K3584-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-009RE

Manual Integrations
 APPROVED

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Quant Time: Jul 03 06:29:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29792	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	105223	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	72819	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	205377	20.00	ng	0.00
76) Chrysene-d12	21.70	240	249182	20.00	ng	0.00
87) Perylene-d12	24.99	264	273109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	7142	4.27	ng	0.02
7) Phenol-d6	7.19	99	53276	22.65	ng	0.00
23) Nitrobenzene-d5	9.21	82	175925	69.73	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	330	0.27	ng	0.05
45) 2-Fluorobiphenyl	13.29	172	429061	75.61	ng	0.00
79) Terphenyl-d14	20.02	244	910109	77.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	38480	5.807	ng	99
71) Phenanthrene	17.47	178	55636	4.917	ng	96
75) Fluoranthene	19.48	202	58826	3.899	ng	99
78) Pyrene	19.84	202	57669m	3.390	ng	

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

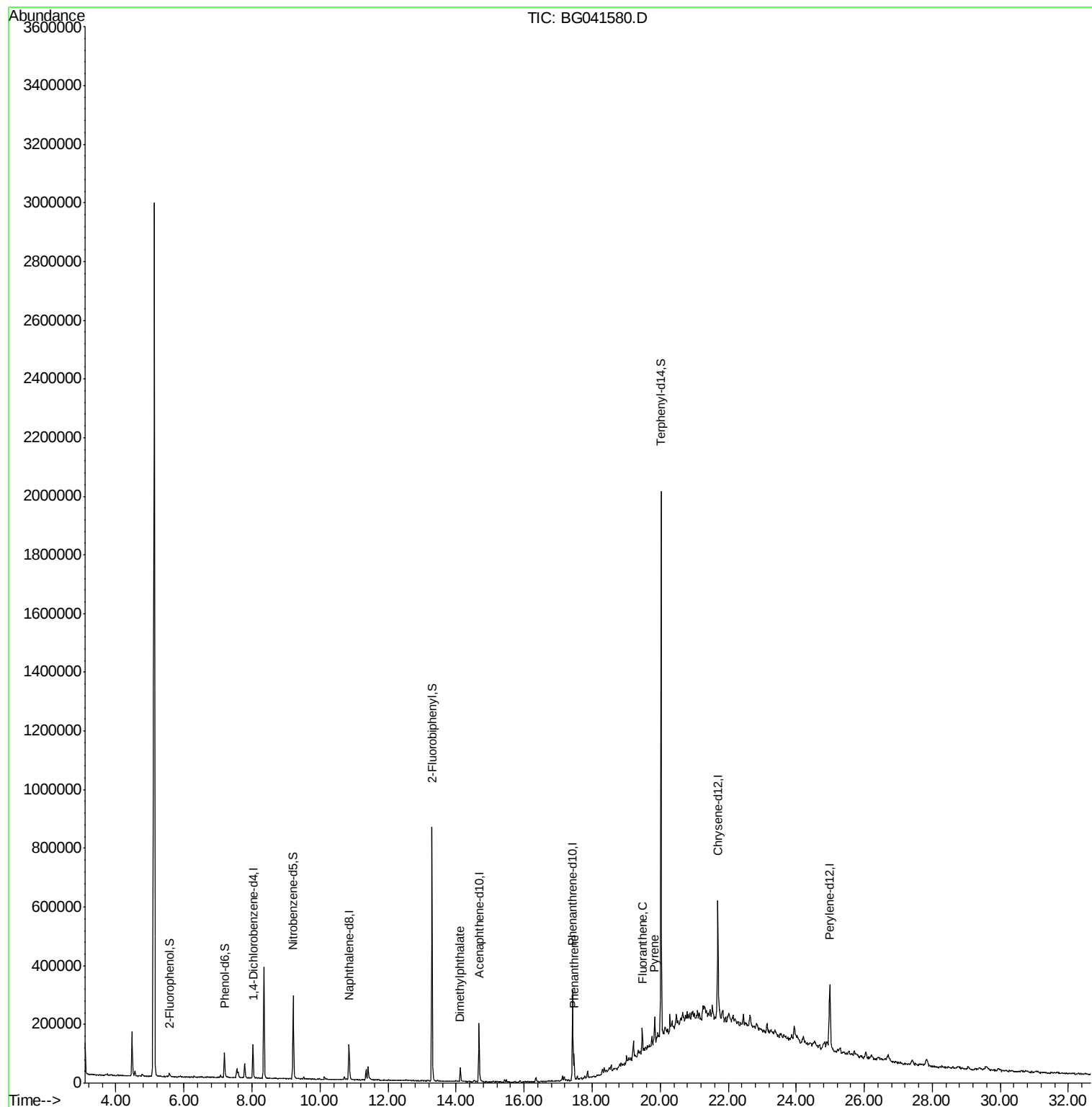
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
Data File : BG041580.D
Acq On : 3 Jul 2019 3:09
Operator : HP/JU
Sample : K3584-01RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

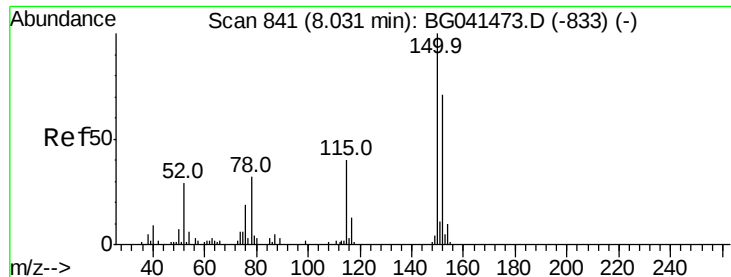
Instrument :
BNA_G
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FK-0D015-03-009RE

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
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#1

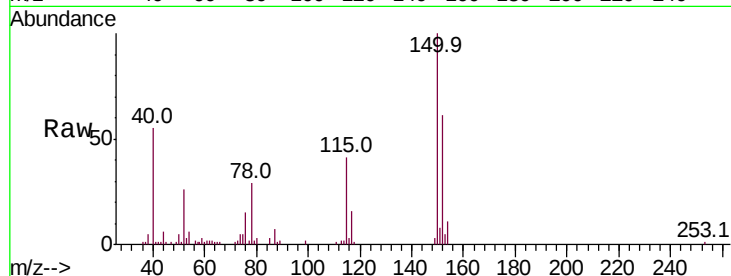
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041580.D
Acq: 3 Jul 2019 3:09

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-009RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	112.4	168.6
115	67.9	44.6	66.8#

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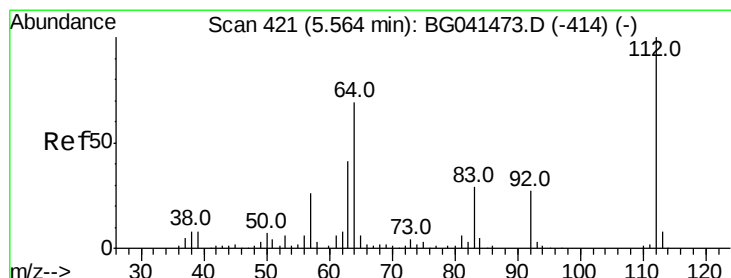
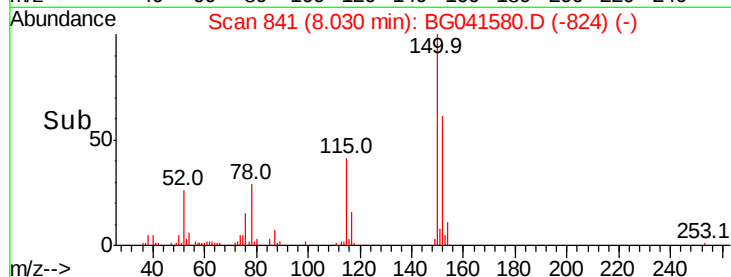
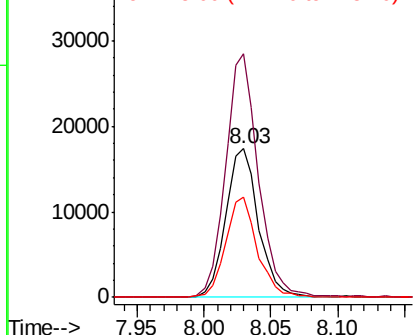


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

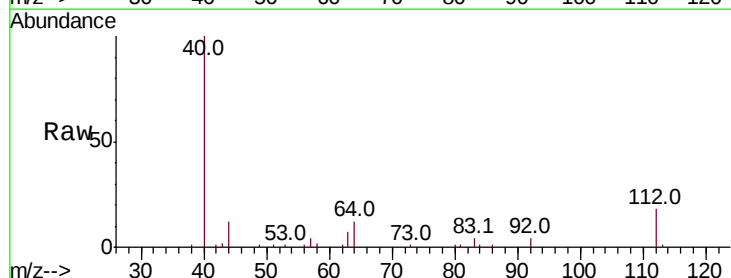
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.274 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.02 min
Lab File: BG041580.D
Acq: 3 Jul 2019 3:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	55.1	82.7
63	35.7	32.4	48.6

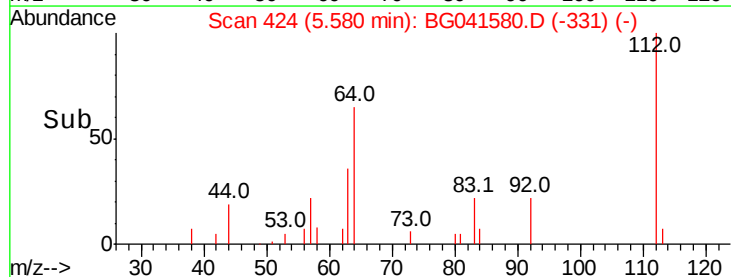
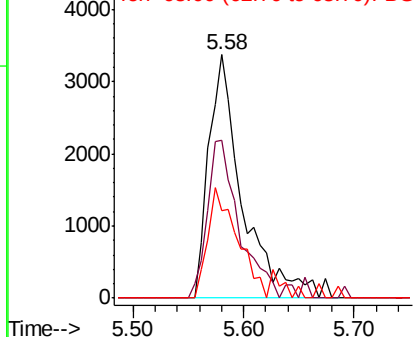


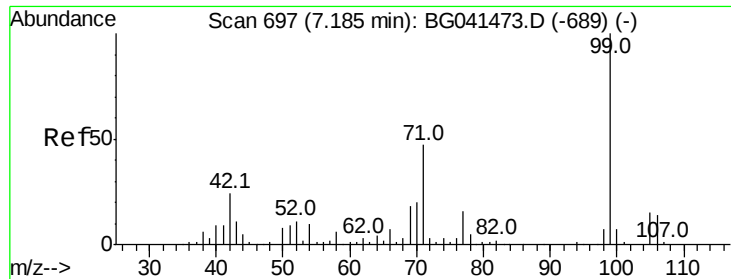
Abundance

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





#7

Phenol-d6

Concen: 22.648 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041580.D

Acq: 3 Jul 2019 3:09

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-009RE

Tot Ion: 99 Resp: 53276

Ion Ratio Lower Upper

99 100

42 27.2 19.0 28.6

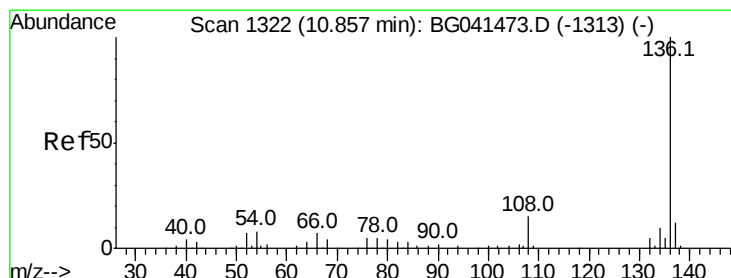
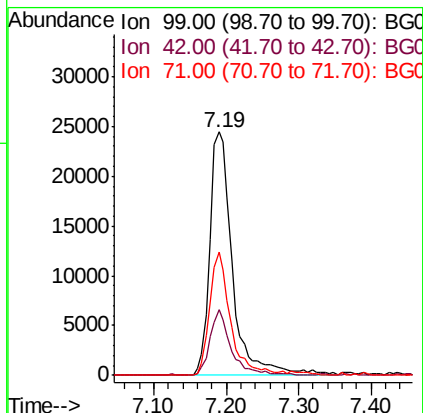
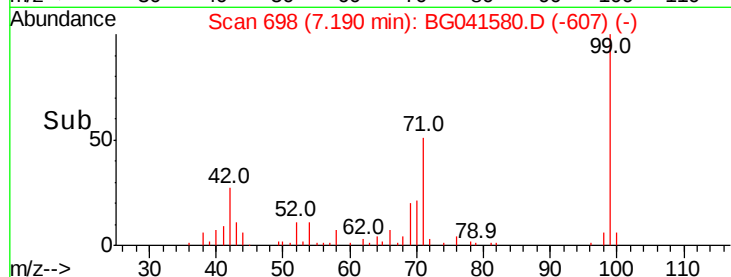
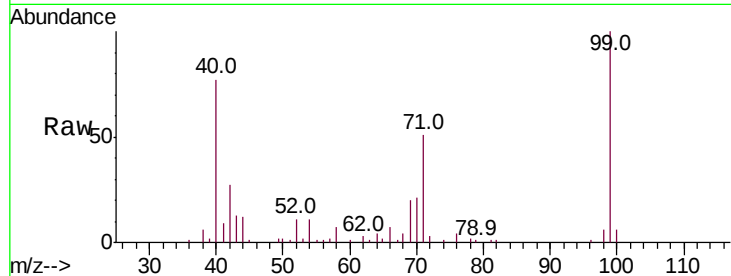
71 50.8 37.4 56.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041580.D

Acq: 3 Jul 2019 3:09

Tgt Ion: 136 Resp: 105223

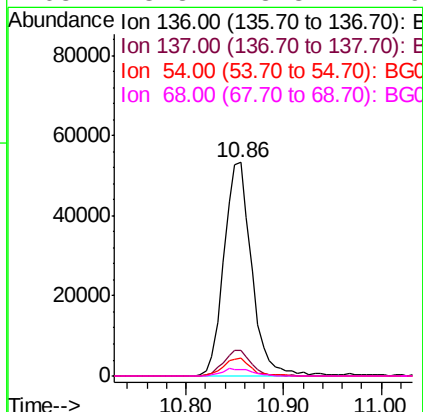
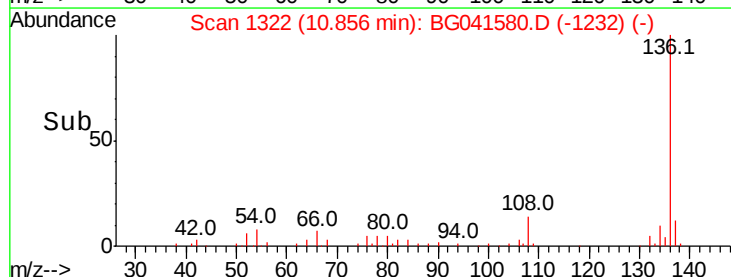
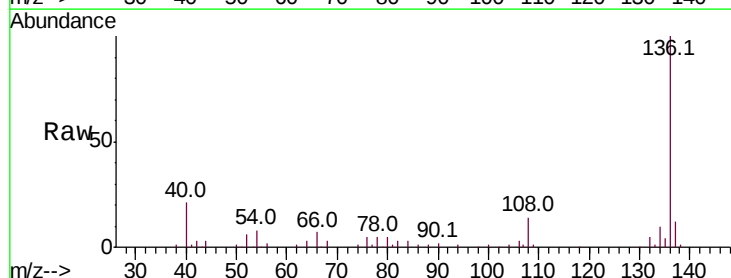
Ion Ratio Lower Upper

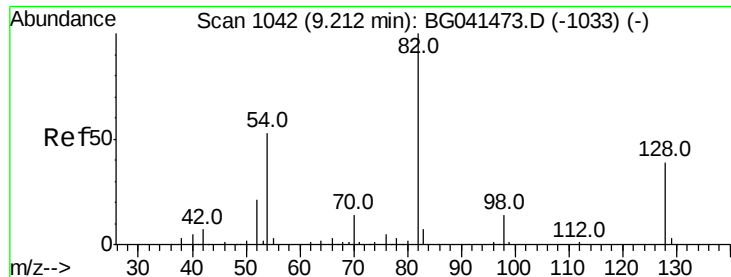
136 100

137 12.1 9.3 13.9

54 8.2 7.1 10.7

68 3.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 69.731 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG041580.D

Acq: 3 Jul 2019 3:09

Instrument :

BNA_G

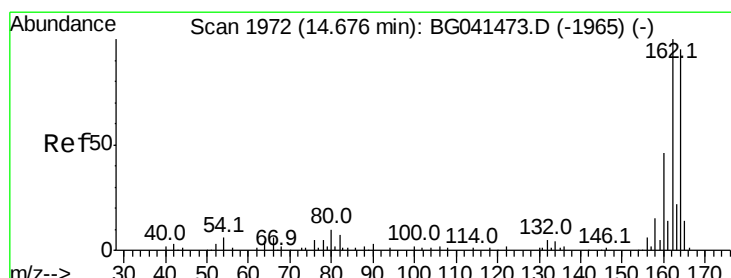
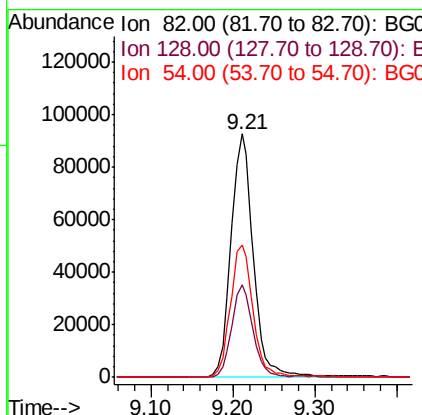
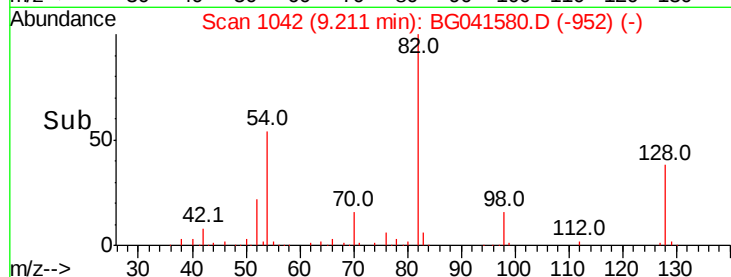
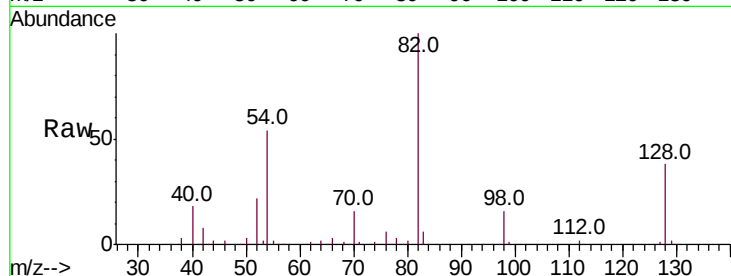
ClientSampleId :

FK-0D015-03-009RE

Tot Ion:	82	Resp:	175925
Ion Ratio	Lower	Upper	
82	100		
128	38.0	30.9	46.3
54	54.1	42.2	63.2

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#39

Acenaphthene-d10

Concen: 20.000 ng

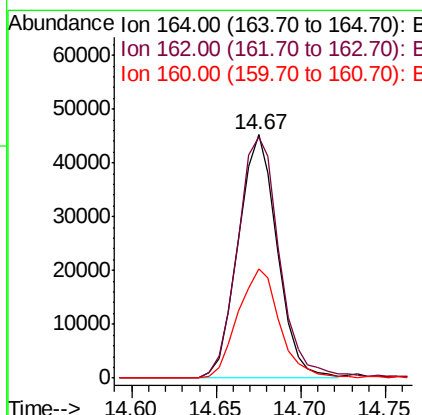
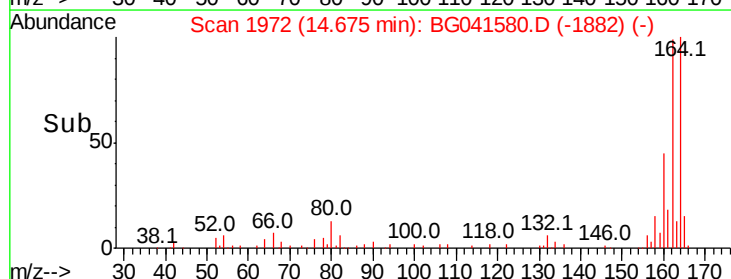
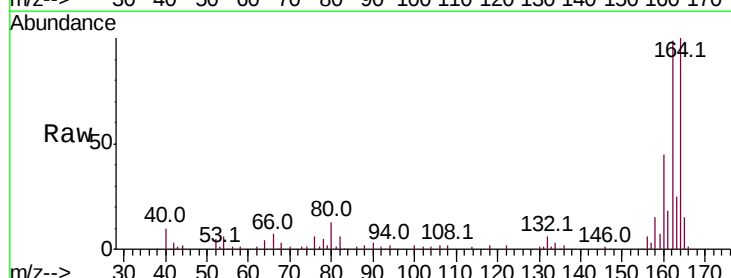
RT: 14.67 min Scan# 1972

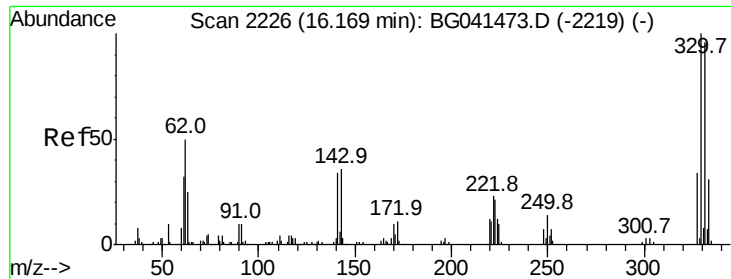
Delta R.T. -0.00 min

Lab File: BG041580.D

Acq: 3 Jul 2019 3:09

Tgt Ion:	164	Resp:	72819
Ion Ratio	Lower	Upper	
164	100		
162	99.2	84.4	126.6
160	44.7	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 0.265 ng

RT: 16.21 min Scan# 2234

Delta R.T. 0.05 min

Lab File: BG041580.D

Acq: 3 Jul 2019 3:09

Instrument :

BNA_G

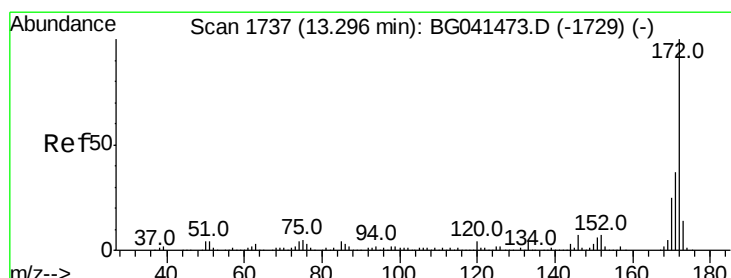
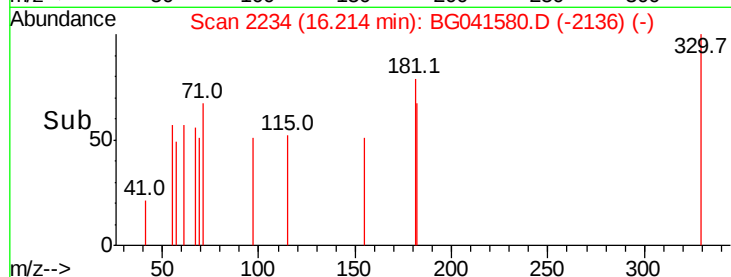
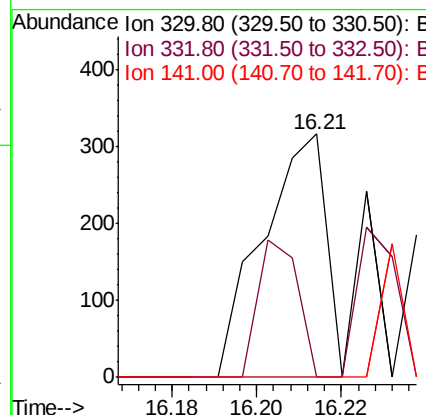
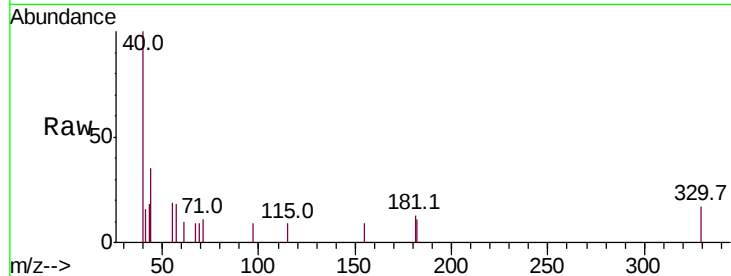
ClientSampleId :

FK-0D015-03-009RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	56.1	75.5	113.3#
141	18.5	27.8	41.6#

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#45

2-Fluorobiphenyl

Concen: 75.612 ng

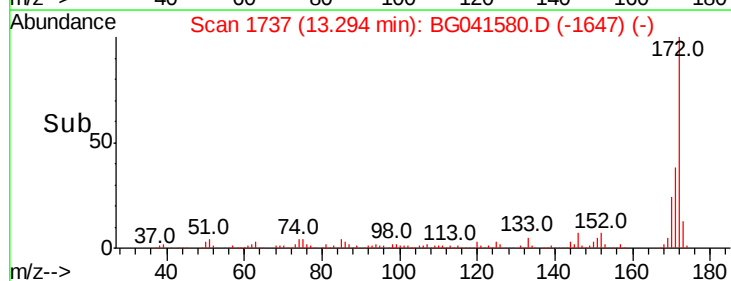
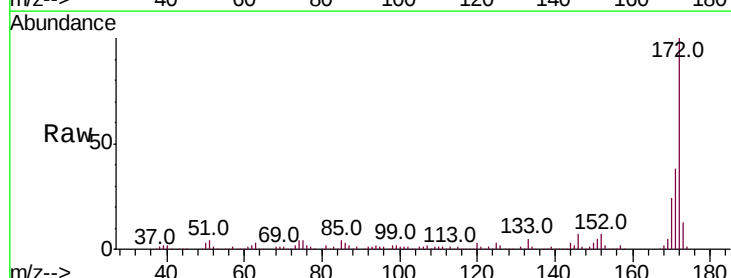
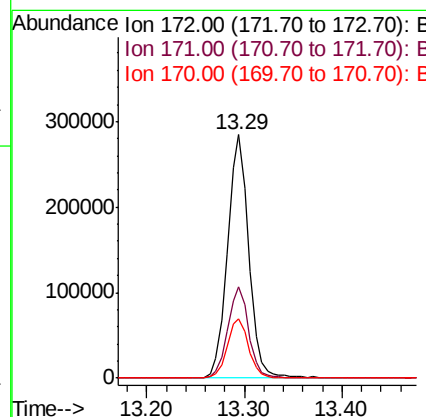
RT: 13.29 min Scan# 1737

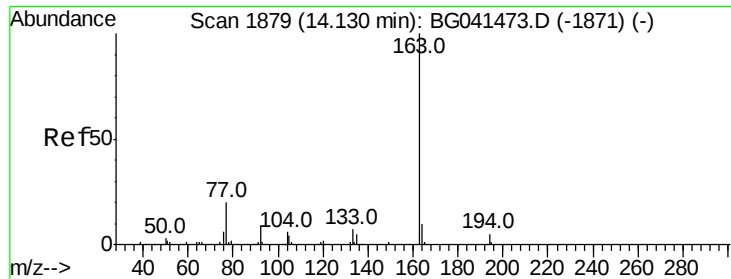
Delta R.T. -0.00 min

Lab File: BG041580.D

Acq: 3 Jul 2019 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	24.1	20.0	30.0





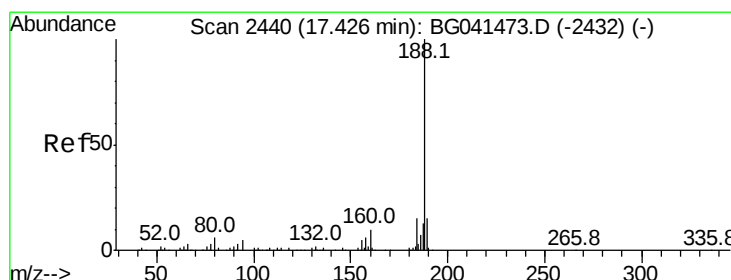
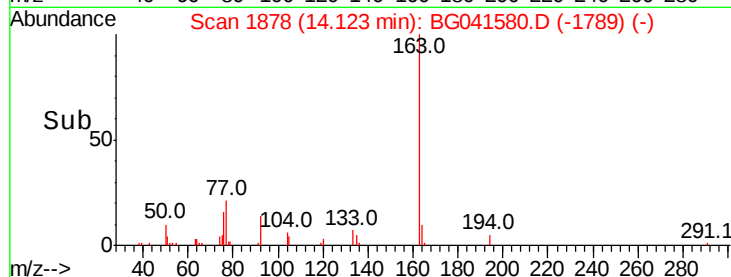
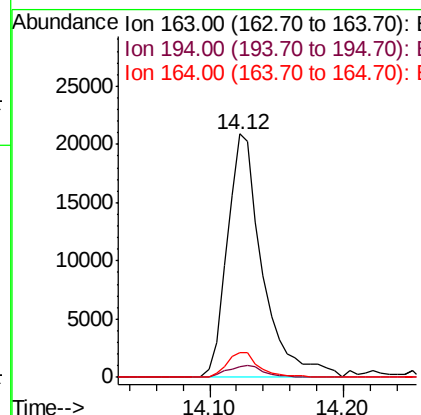
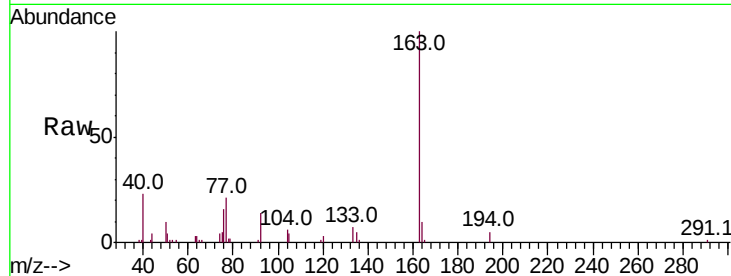
#50
 Dimethylphthalate
 Concen: 5.807 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG041580.D
 Acq: 3 Jul 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-009RE

Tot Ion:	163	Resp:	38480
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	10.2	7.8	11.6

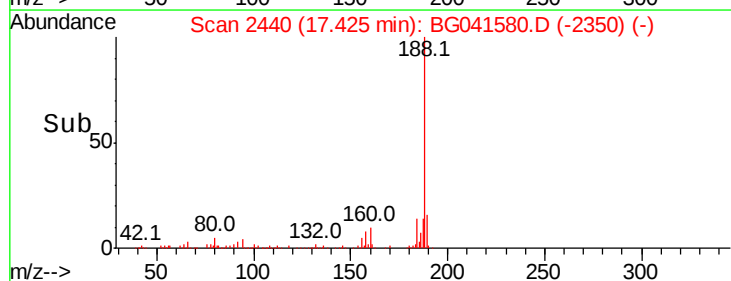
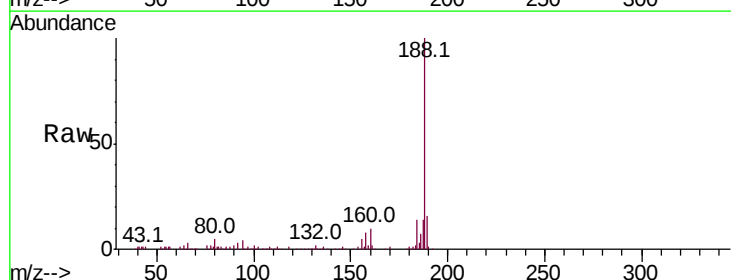
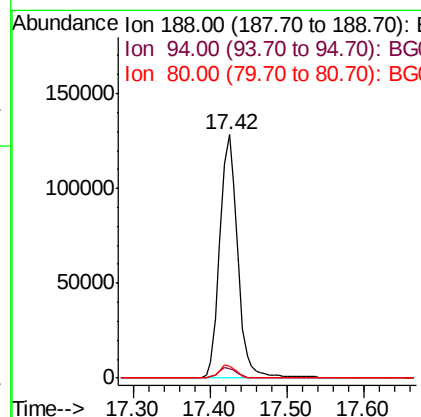
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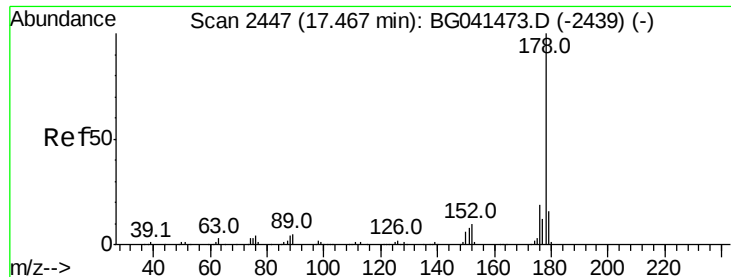
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG041580.D
 Acq: 3 Jul 2019 3:09

Tgt Ion:	188	Resp:	205377
Ion Ratio	Lower	Upper	
188	100		
94	3.9	3.8	5.8
80	5.2	4.8	7.2





#71

Phenanthrene

Concen: 4.917 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG041580.D

Acq: 3 Jul 2019 3:09

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-009RE

Tot Ion:178 Resp: 55636

Ion Ratio Lower Upper

178 100

176 16.5 15.4 23.0

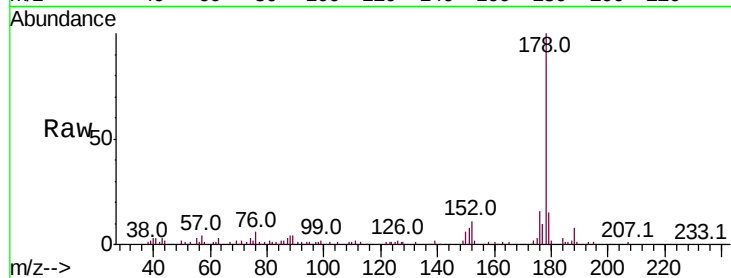
179 15.1 13.0 19.4

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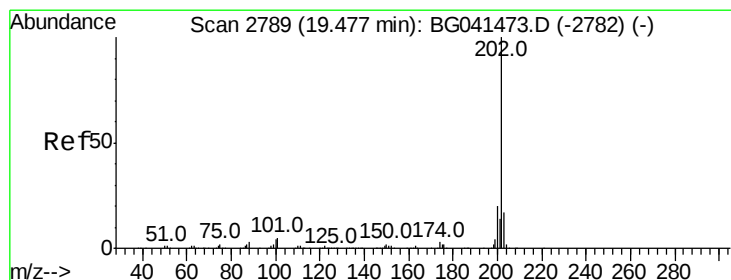
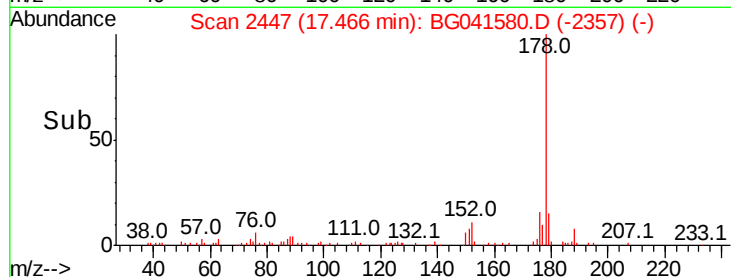
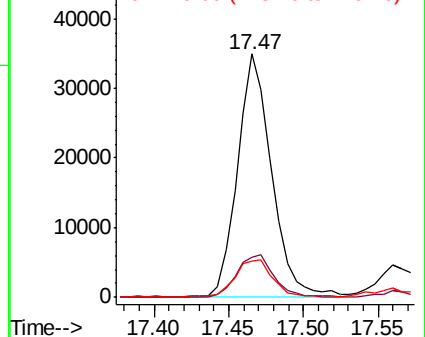
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.899 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041580.D

Acq: 3 Jul 2019 3:09

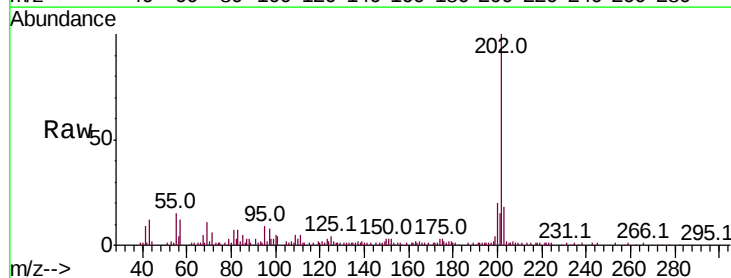
Tgt Ion:202 Resp: 58826

Ion Ratio Lower Upper

202 100

101 4.2 0.0 24.9

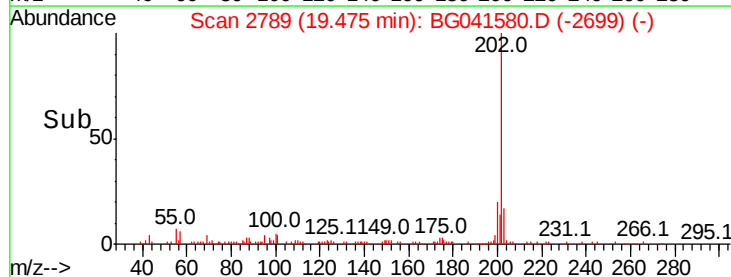
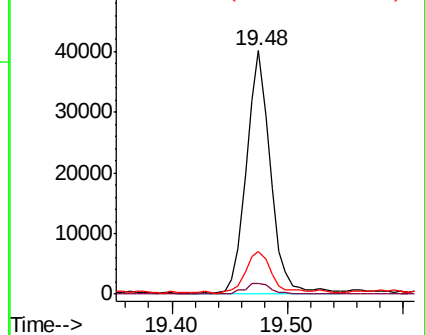
203 17.6 0.0 37.5

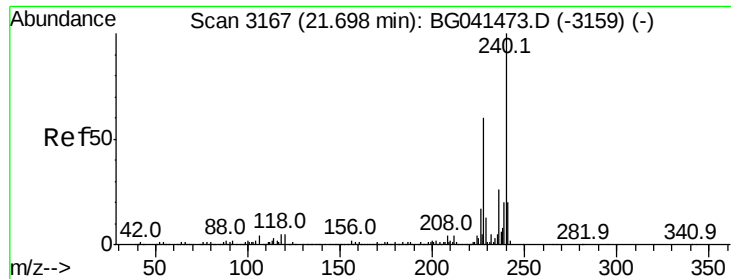


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.00 min

Lab File: BG041580.D

Acq: 3 Jul 2019 3:09

Instrument :

BNA_G

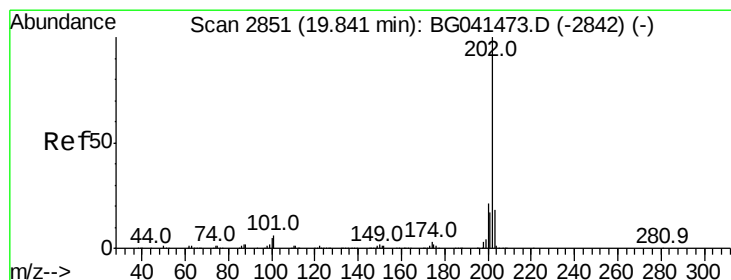
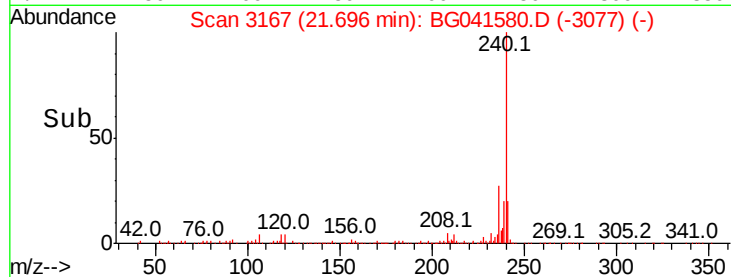
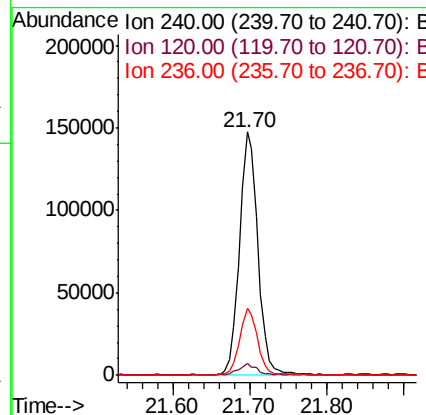
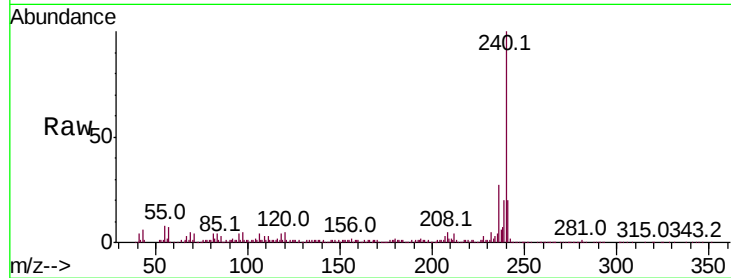
ClientSampleId :

FK-0D015-03-009RE

Tot Ion:	240	Resp:	249182
Ion Ratio	Lower	Upper	
240	100		
120	4.9	3.7	5.5
236	27.3	20.8	31.2

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#78

Pyrene

Concen: 3.390 ng m

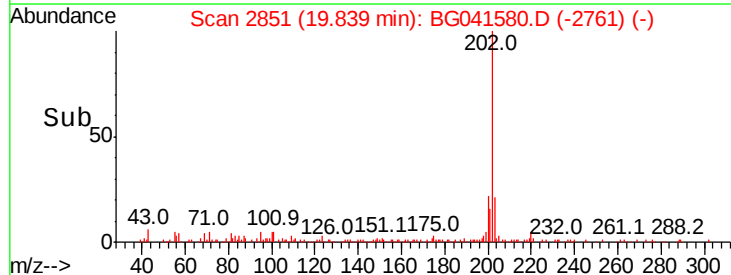
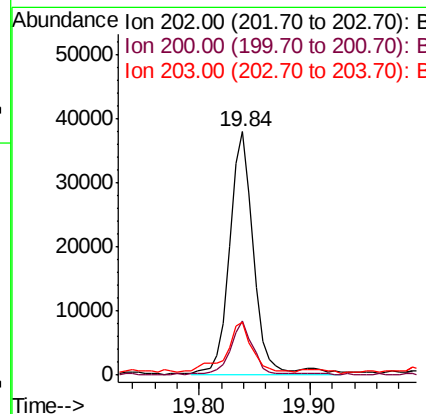
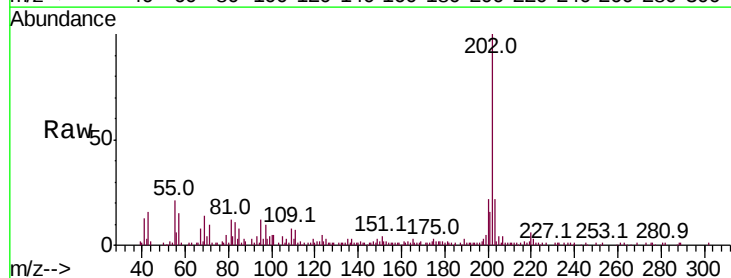
RT: 19.84 min Scan# 2851

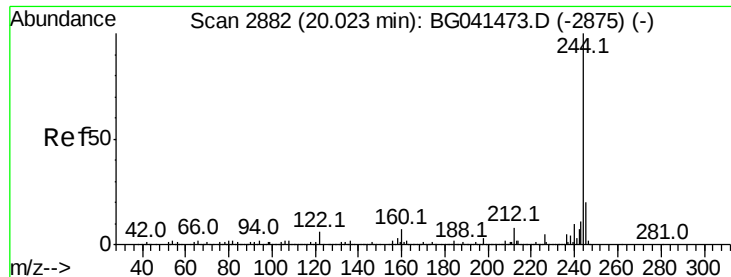
Delta R.T. -0.00 min

Lab File: BG041580.D

Acq: 3 Jul 2019 3:09

Tgt Ion:	202	Resp:	57669
Ion Ratio	Lower	Upper	
202	100		
200	22.2	16.8	25.2
203	21.5	14.2	21.4#





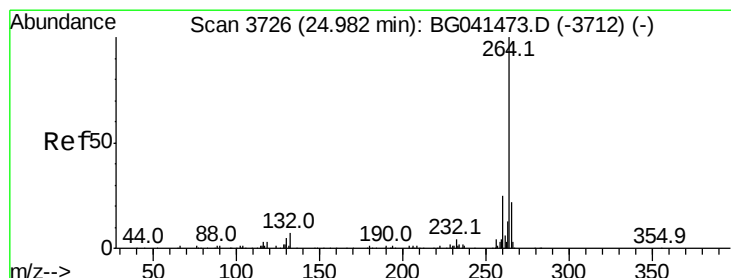
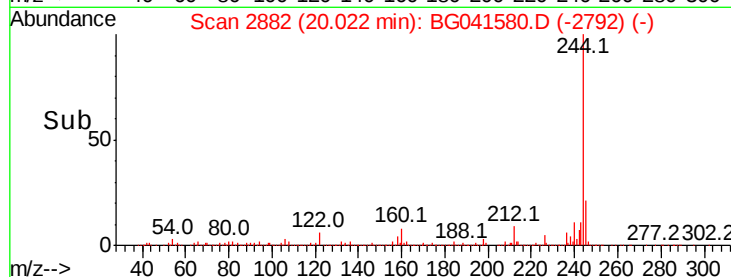
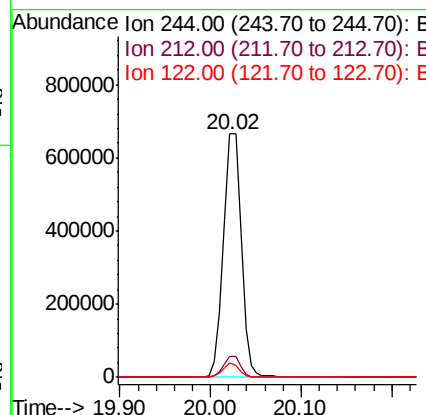
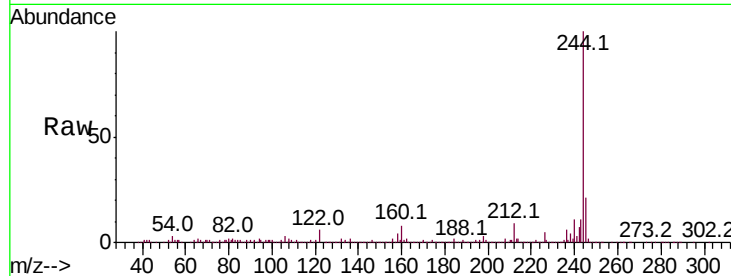
#79
 Terphenyl-d14
 Concen: 77.616 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG041580.D
 Acq: 3 Jul 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-009RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.4
122	6.0	4.8	7.2

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:56:10 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.99 min Scan# 3727
 Delta R.T. 0.00 min
 Lab File: BG041580.D
 Acq: 3 Jul 2019 3:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	20.9	17.4	26.2

