

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041588.D
 Acq On : 3 Jul 2019 13:17
 Operator : HP/JU
 Sample : K3645-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-010

Manual Integrations
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mohammad
 7/5/2019 8:42:51 AM

Quant Time: Jul 04 00:12:15 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	8.02	152	29530	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	99813	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67541	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	176391	20.00	ng	0.00
76) Chrysene-d12	21.70	240	213662	20.00	ng	0.00
87) Perylene-d12	24.99	264	239729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	41546	25.08	ng	0.00
7) Phenol-d6	7.18	99	147312	63.18	ng	0.00
23) Nitrobenzene-d5	9.21	82	160879	67.22	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	10487	9.09	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	386654	73.46	ng	0.00
79) Terphenyl-d14	20.03	244	782926	77.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	36080	5.870	ng	99
71) Phenanthrene	17.47	178	35485	3.651	ng	98
75) Fluoranthene	19.47	202	36893	2.847	ng	99
78) Pyrene	19.84	202	35061	2.404	ng	98

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

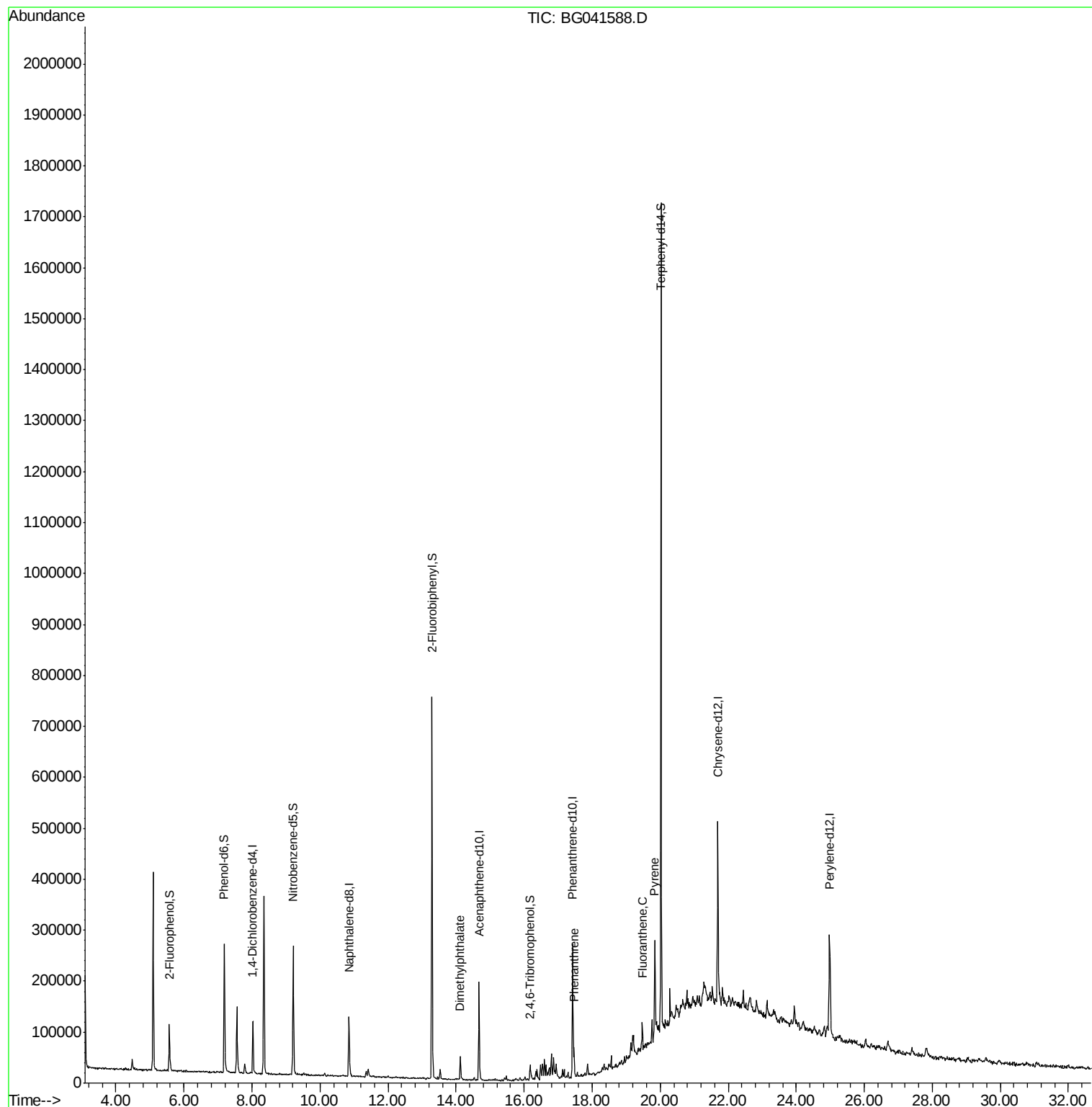
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041588.D
Acq On : 3 Jul 2019 13:17
Operator : HP/JU
Sample : K3645-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

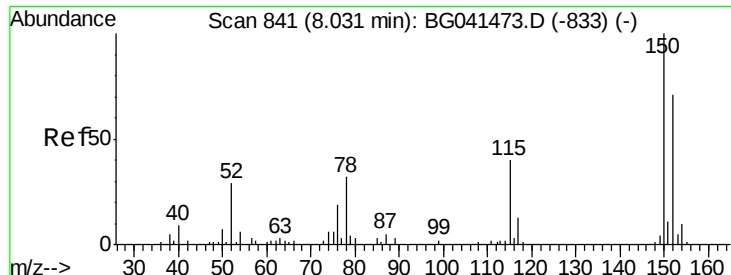
Instrument :
BNA_G
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FK-0D015-03-010

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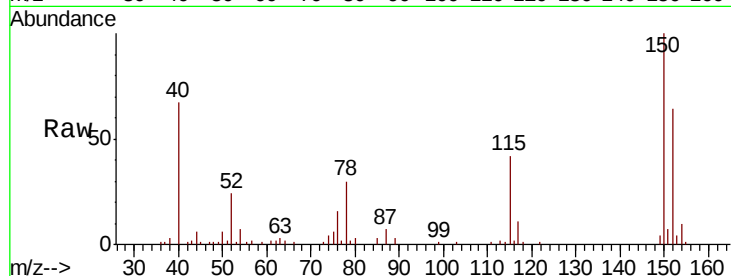
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG041588.D
 Acq: 3 Jul 2019 13:17

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-010

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	112.4	168.6
115	64.7	44.6	66.8

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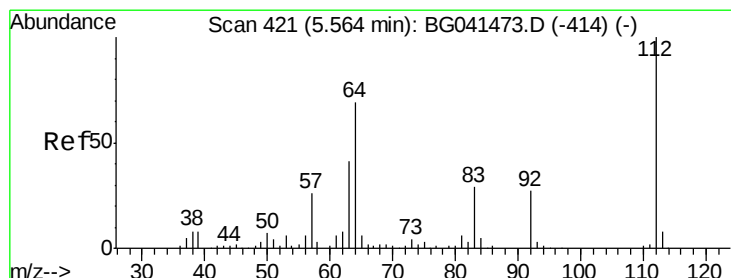
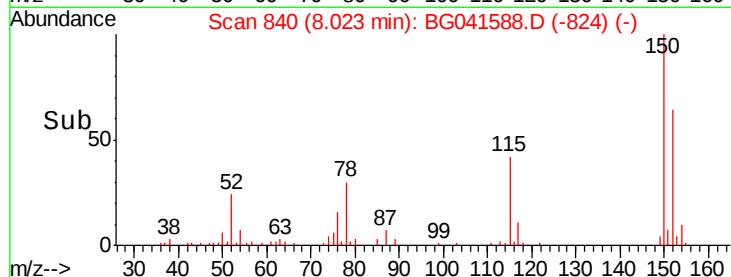
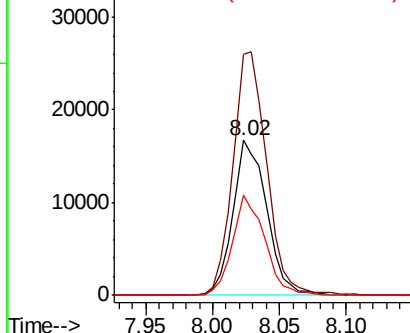


Abundance

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: 25.083 ng
 RT: 5.57 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BG041588.D
 Acq: 3 Jul 2019 13:17

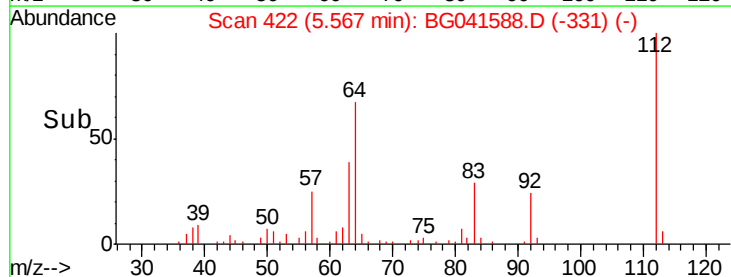
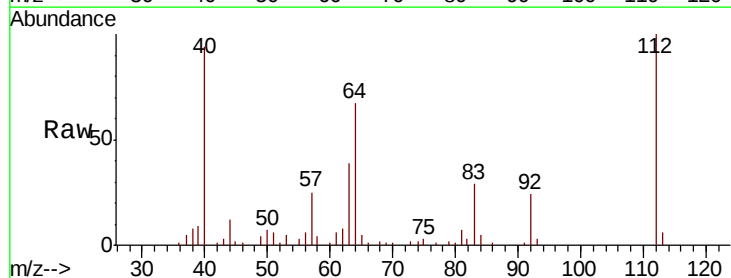
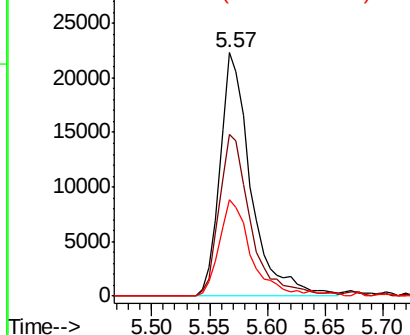
Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	55.1	82.7
63	39.4	32.4	48.6

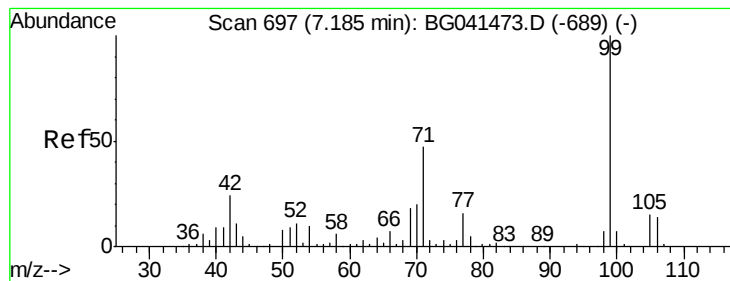
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 63.178 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041588.D

Acq: 3 Jul 2019 13:17

Instrument :

BNA_G

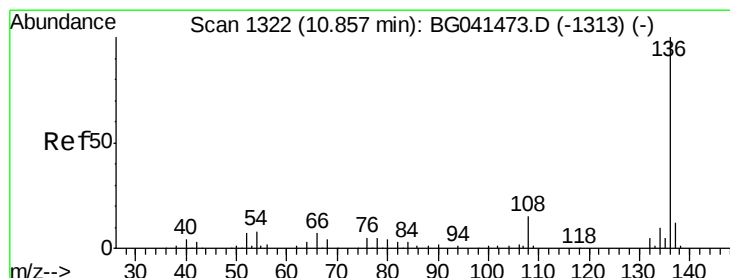
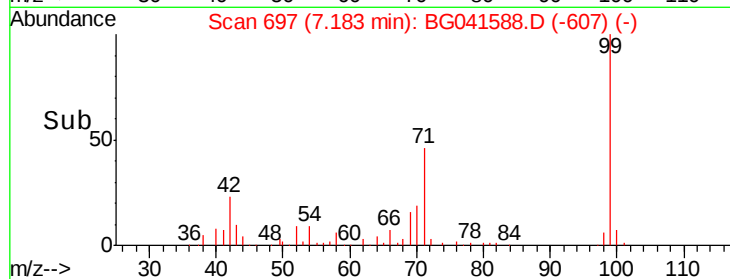
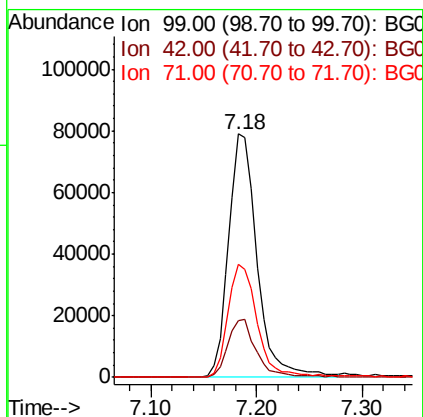
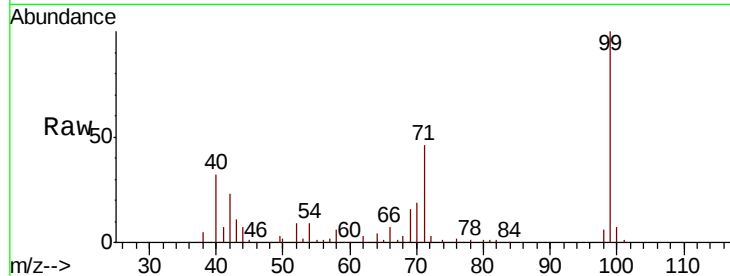
ClientSampleId :

FK-0D015-03-010

Tot Ion:	99	Resp:	147312
Ion Ratio	Lower	Upper	
99	100		
42	23.2	19.0	28.6
71	46.3	37.4	56.2

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#21

Naphthalene-d8

Concen: 20.000 ng

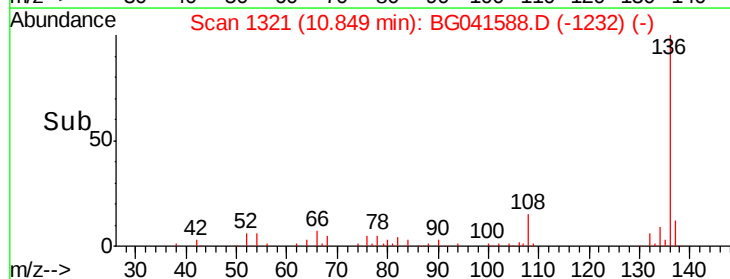
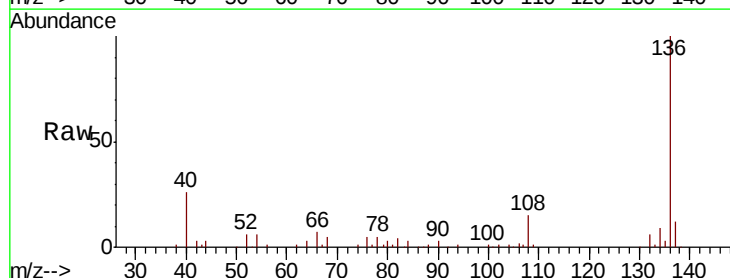
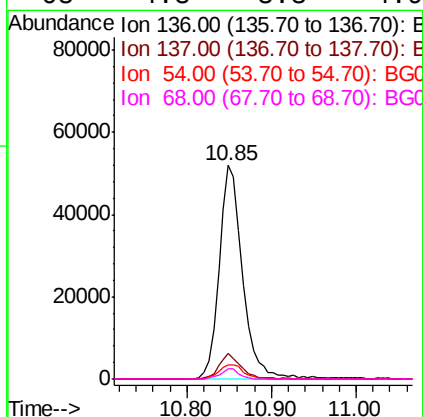
RT: 10.85 min Scan# 1321

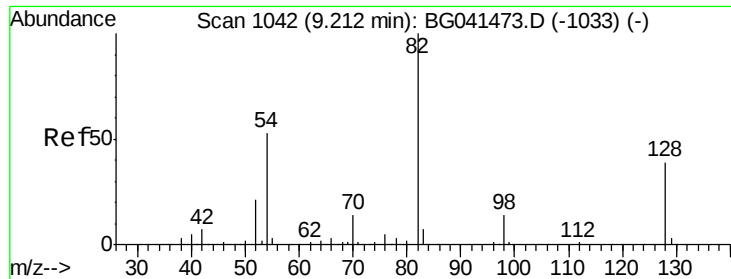
Delta R.T. -0.01 min

Lab File: BG041588.D

Acq: 3 Jul 2019 13:17

Tgt Ion:	136	Resp:	99813
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.3	13.9
54	6.4	7.1	10.7
68	4.8	3.3	4.9





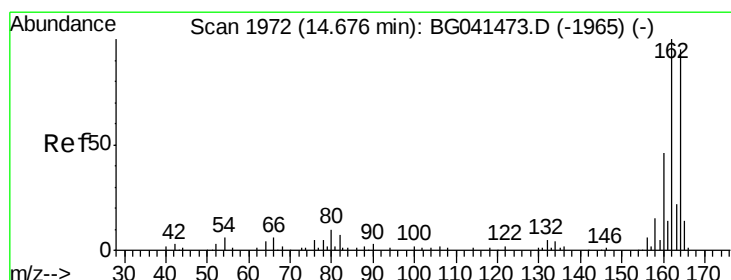
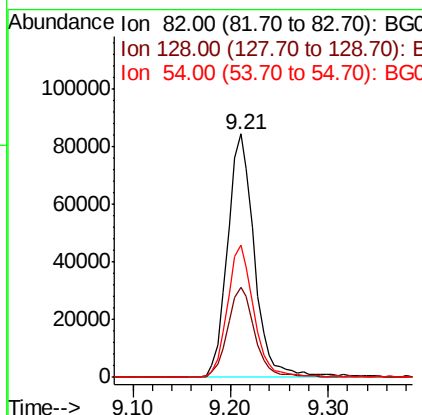
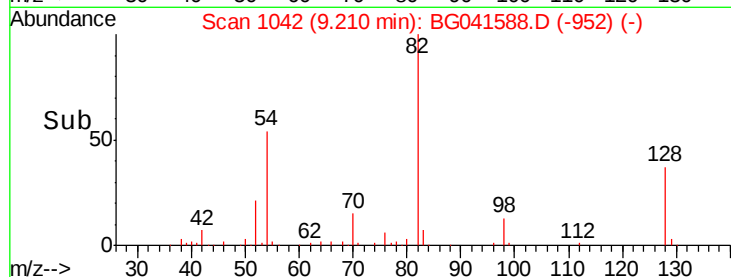
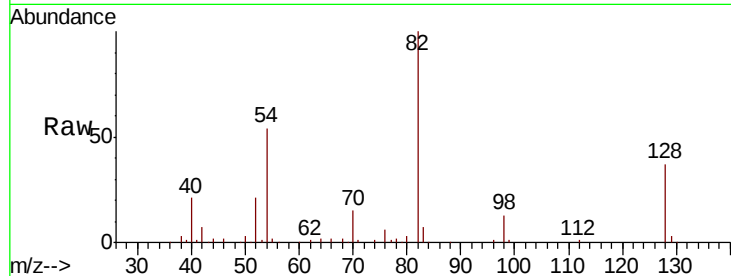
#23
Nitrobenzene-d5
Concen: 67.224 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041588.D
Acq: 3 Jul 2019 13:17

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-010

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.9	46.3
54	54.1	42.2	63.2

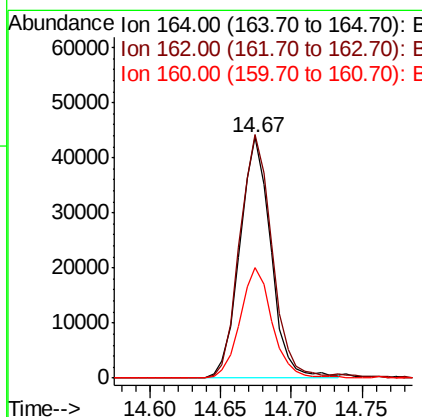
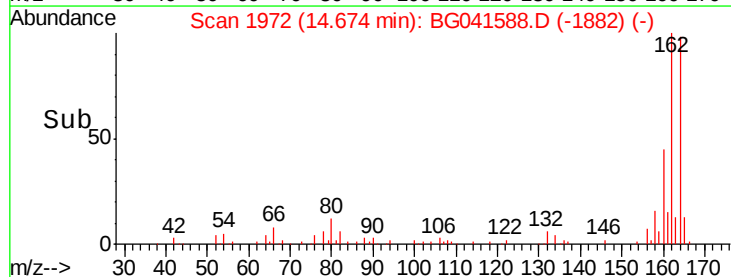
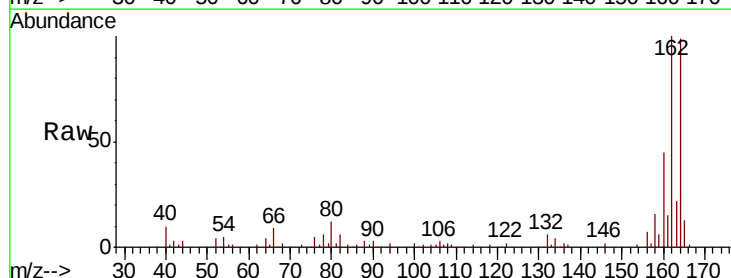
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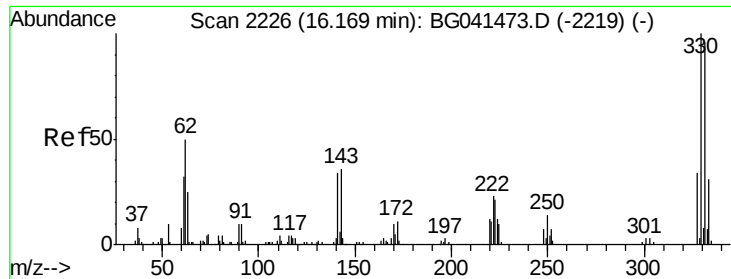
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041588.D
Acq: 3 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	84.4	126.6
160	45.9	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 9.094 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BG041588.D

Acq: 3 Jul 2019 13:17

Instrument :

BNA_G

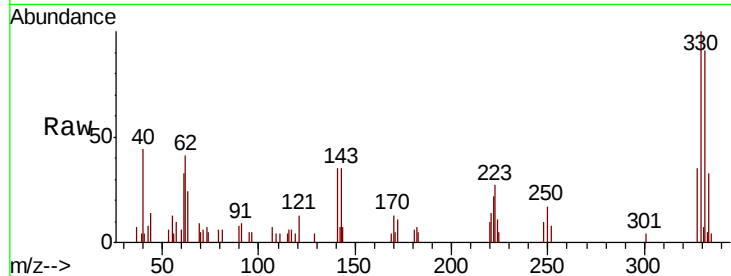
ClientSampleId :

FK-0D015-03-010

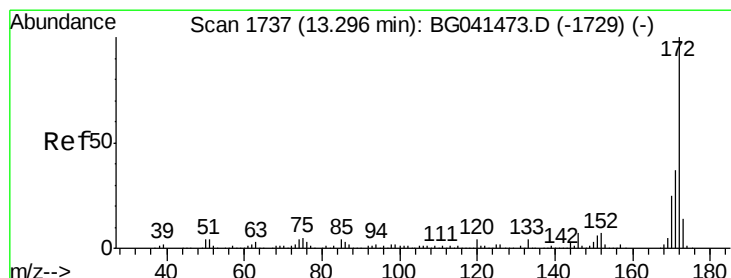
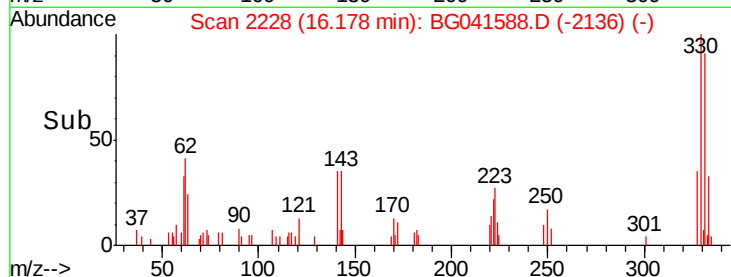
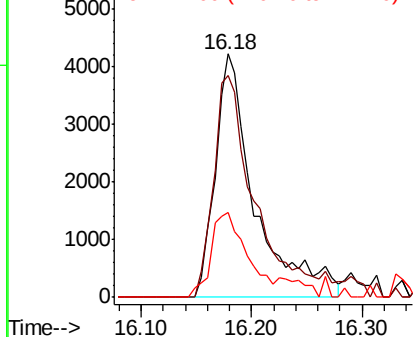
Tot Ion:	330	Resp:	10487
Ion Ratio	Lower	Upper	
330	100		
332	97.7	75.5	113.3
141	31.4	27.8	41.6

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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: 73.463 ng

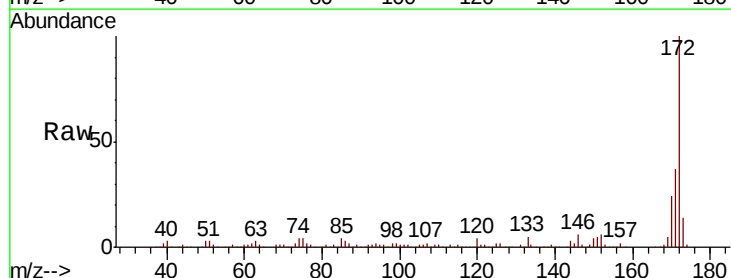
RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

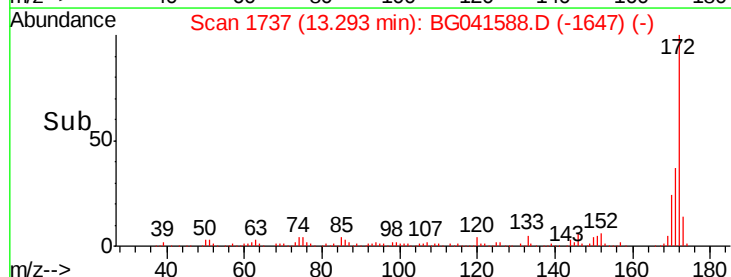
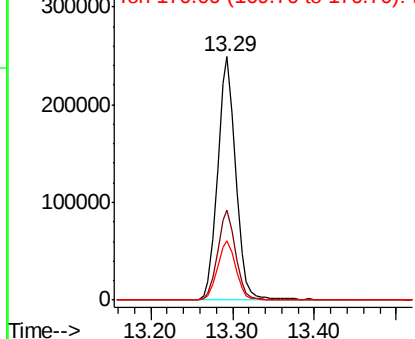
Lab File: BG041588.D

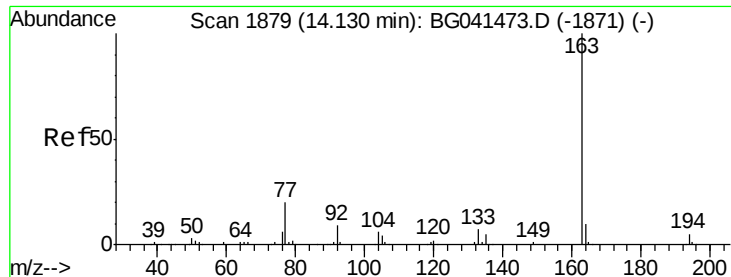
Acq: 3 Jul 2019 13:17

Tgt Ion:	172	Resp:	386654
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.6	44.4
170	24.2	20.0	30.0



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





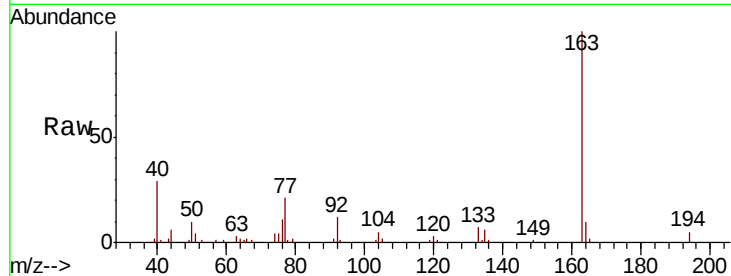
#50
Dimethylphthalate
Concen: 5.870 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041588.D
Acq: 3 Jul 2019 13:17

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-010

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.7	5.5
164	9.6	7.8	11.6

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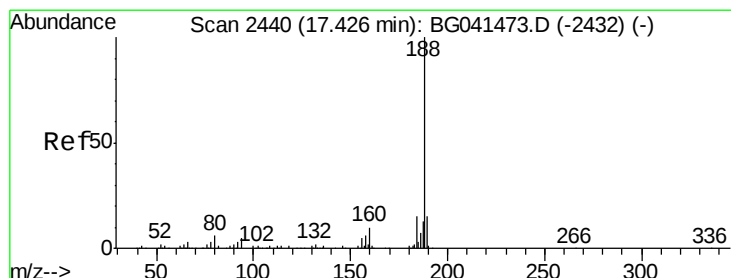
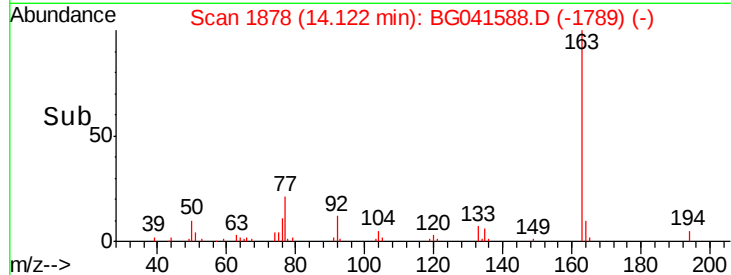
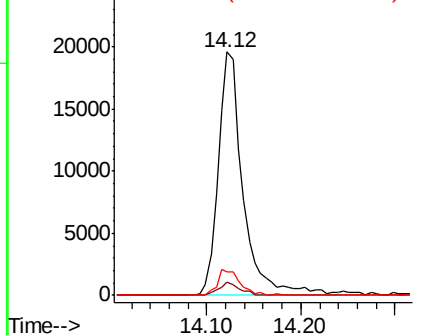


Abundance

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. -0.00 min
Lab File: BG041588.D
Acq: 3 Jul 2019 13:17

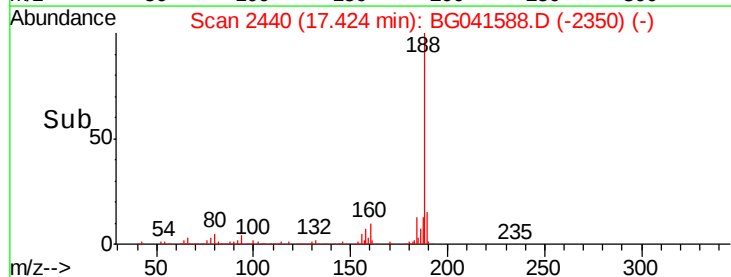
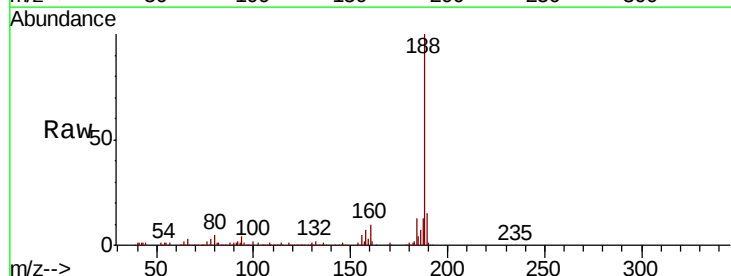
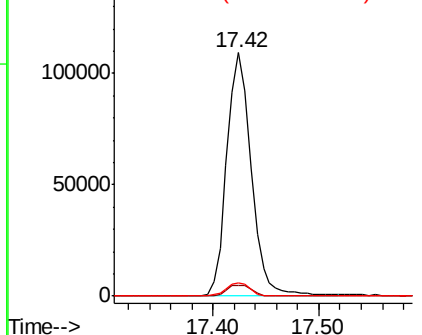
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.4	3.8	5.8
80	5.4	4.8	7.2

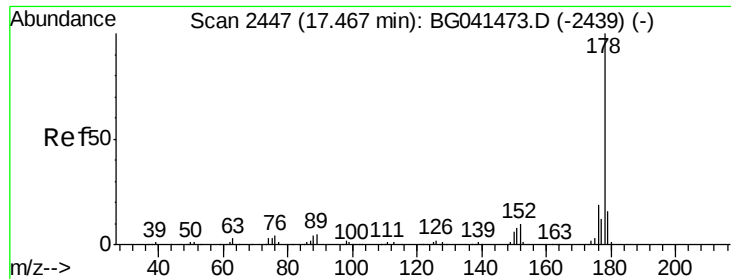
Abundance

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





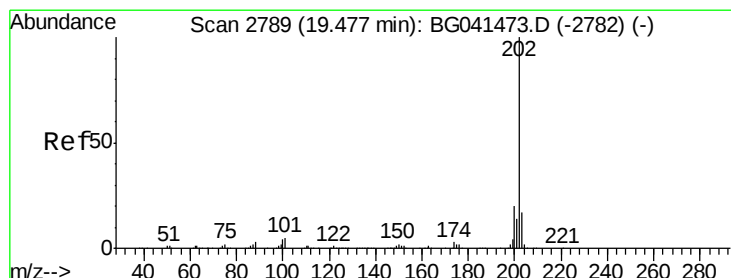
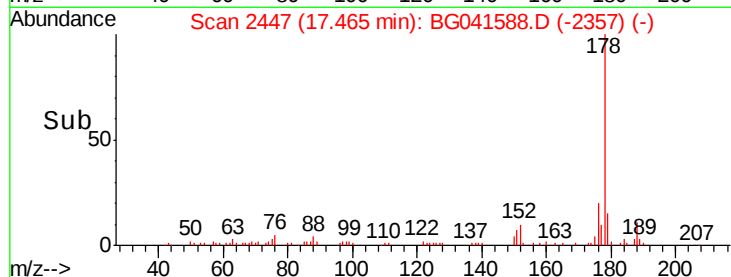
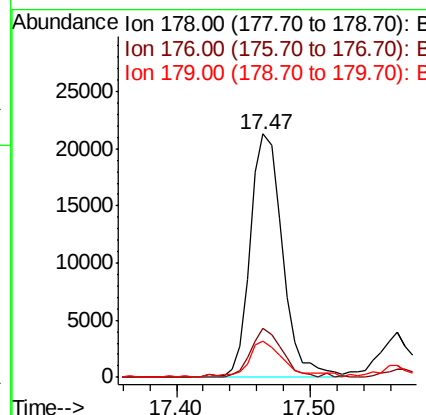
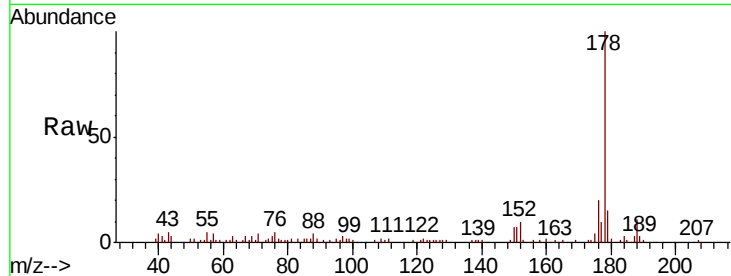
#71
Phenanthrene
Concen: 3.651 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041588.D
Acq: 3 Jul 2019 13:17

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-010

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.0
179	15.1	13.0	19.4

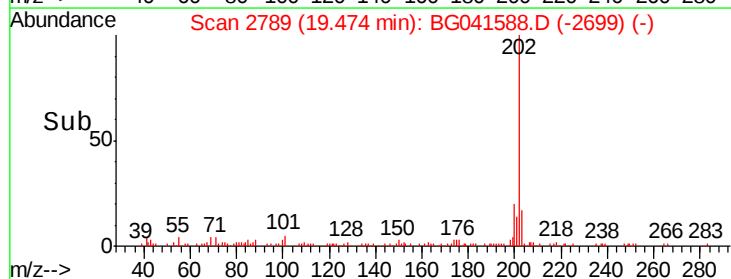
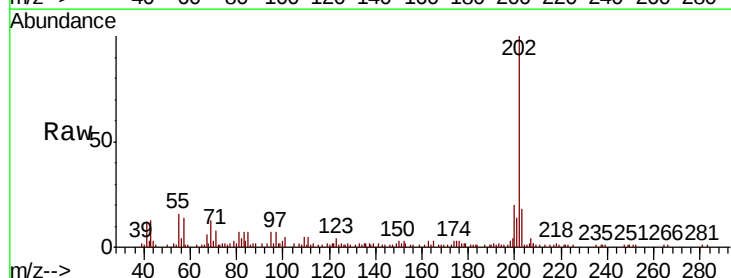
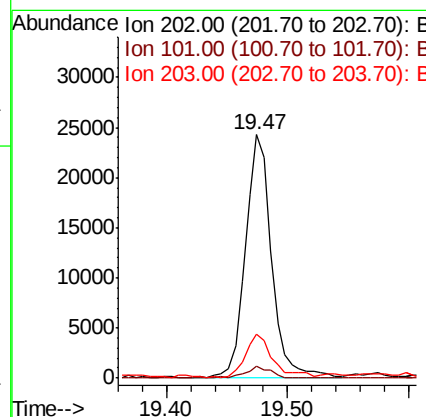
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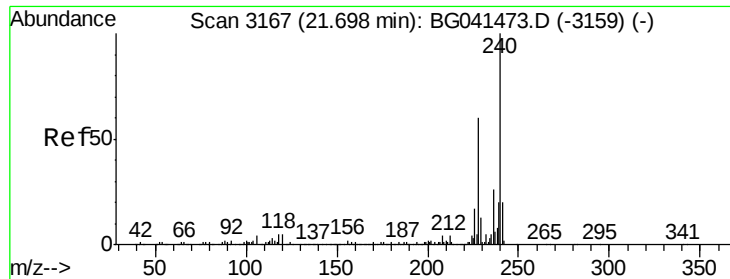
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#75
Fluoranthene
Concen: 2.847 ng
RT: 19.47 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BG041588.D
Acq: 3 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.0	0.0	24.9
203	17.8	0.0	37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041588.D

Acq: 3 Jul 2019 13:17

Instrument :

BNA_G

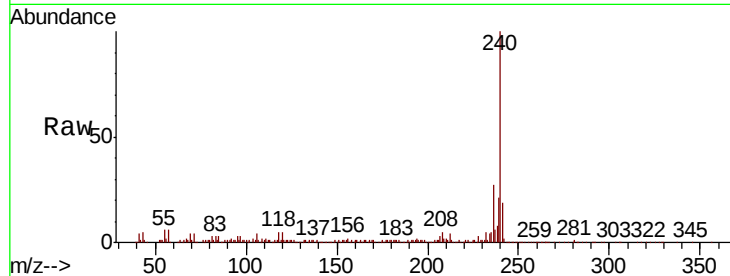
ClientSampleId :

FK-0D015-03-010

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.7	5.5
236	27.0	20.8	31.2

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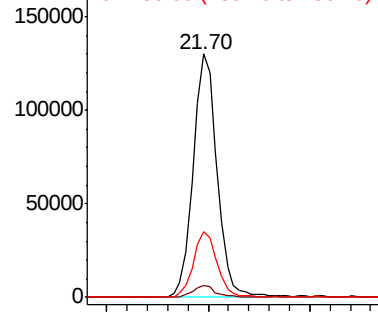


Abundance

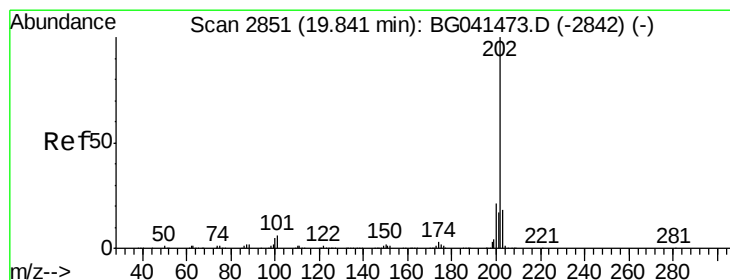
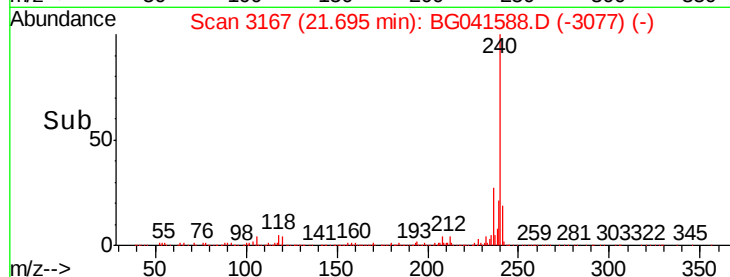
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Pyrene

Concen: 2.404 ng

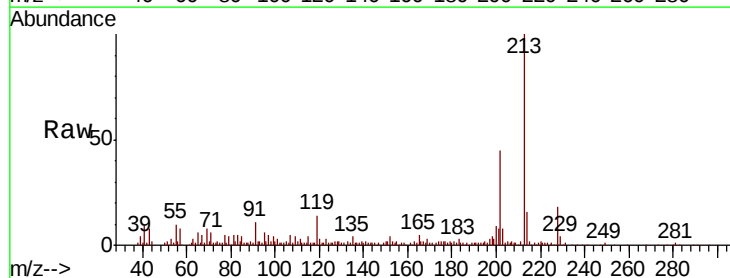
RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG041588.D

Acq: 3 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.8	25.2
203	18.0	14.2	21.4

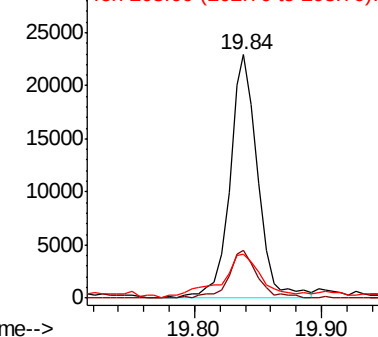


Abundance

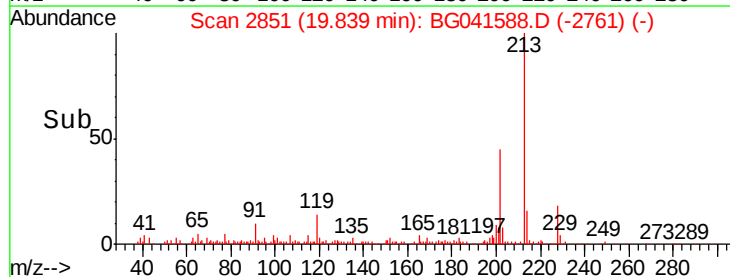
Ion 202.00 (201.70 to 202.70): E

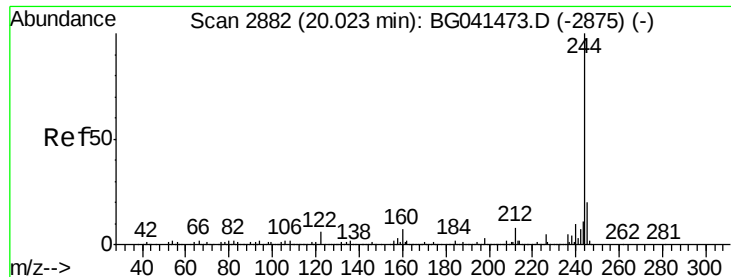
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





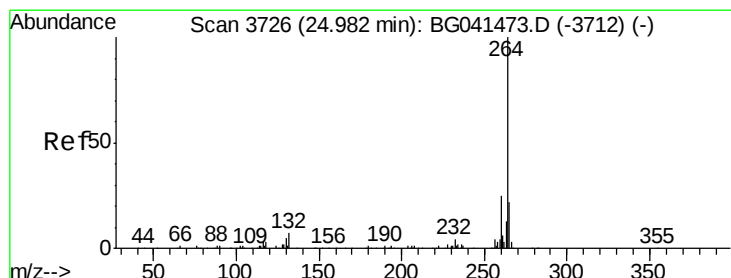
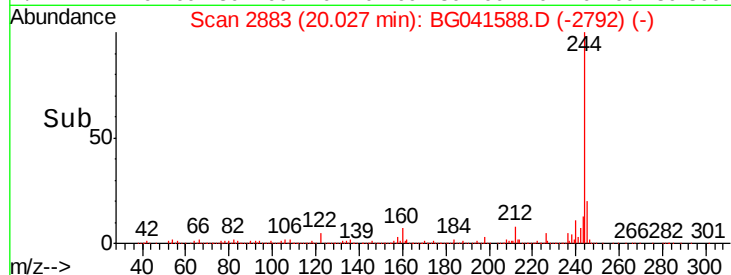
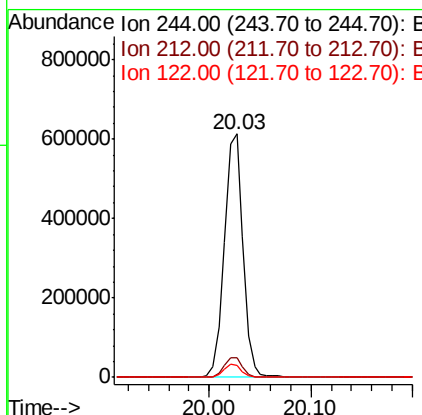
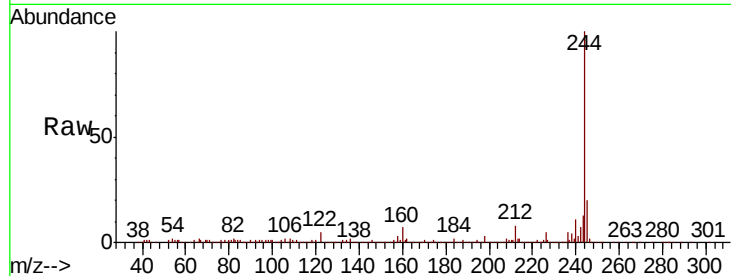
#79
 Terphenyl-d14
 Concen: 77.870 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. 0.00 min
 Lab File: BG041588.D
 Acq: 3 Jul 2019 13:17

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-010

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	5.0	4.8	7.2

Manual Integrations
 APPROVED

mohammad
 7/5/2019 8:42:51 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.99 min Scan# 3727
 Delta R.T. 0.00 min
 Lab File: BG041588.D
 Acq: 3 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.9	17.4	26.2

