

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
 Data File : BG041556.D
 Acq On : 1 Jul 2019 13:10
 Operator : HP/JU
 Sample : K3570-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PW-2R

Manual Integrations
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mohammad
 7/3/2019 9:47:14 AM

Quant Time: Jul 02 05:01:14 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	33749	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	114436	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	82668	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	212891	20.00	ng	0.00
76) Chrysene-d12	21.70	240	252820	20.00	ng	0.00
87) Perylene-d12	24.98	264	275258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	96261	50.85	ng	0.00
7) Phenol-d6	7.19	99	81407	30.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	228718	83.36	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	171112	121.23	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	550244	85.41	ng	0.00
79) Terphenyl-d14	20.03	244	1070991	90.02	ng	0.00
Target Compounds						
52) Acenaphthene	14.74	154	80290	16.168	ng	98
55) Dibenzofuran	15.08	168	37956	4.390	ng	98
58) Fluorene	15.72	166	86582	12.589	ng	97
71) Phenanthrene	17.47	178	81838	6.977	ng	98
72) Anthracene	17.55	178	35523m	3.027	ng	
75) Fluoranthene	19.48	202	135495	8.664	ng	99
78) Pyrene	19.84	202	84671	4.906	ng	99

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

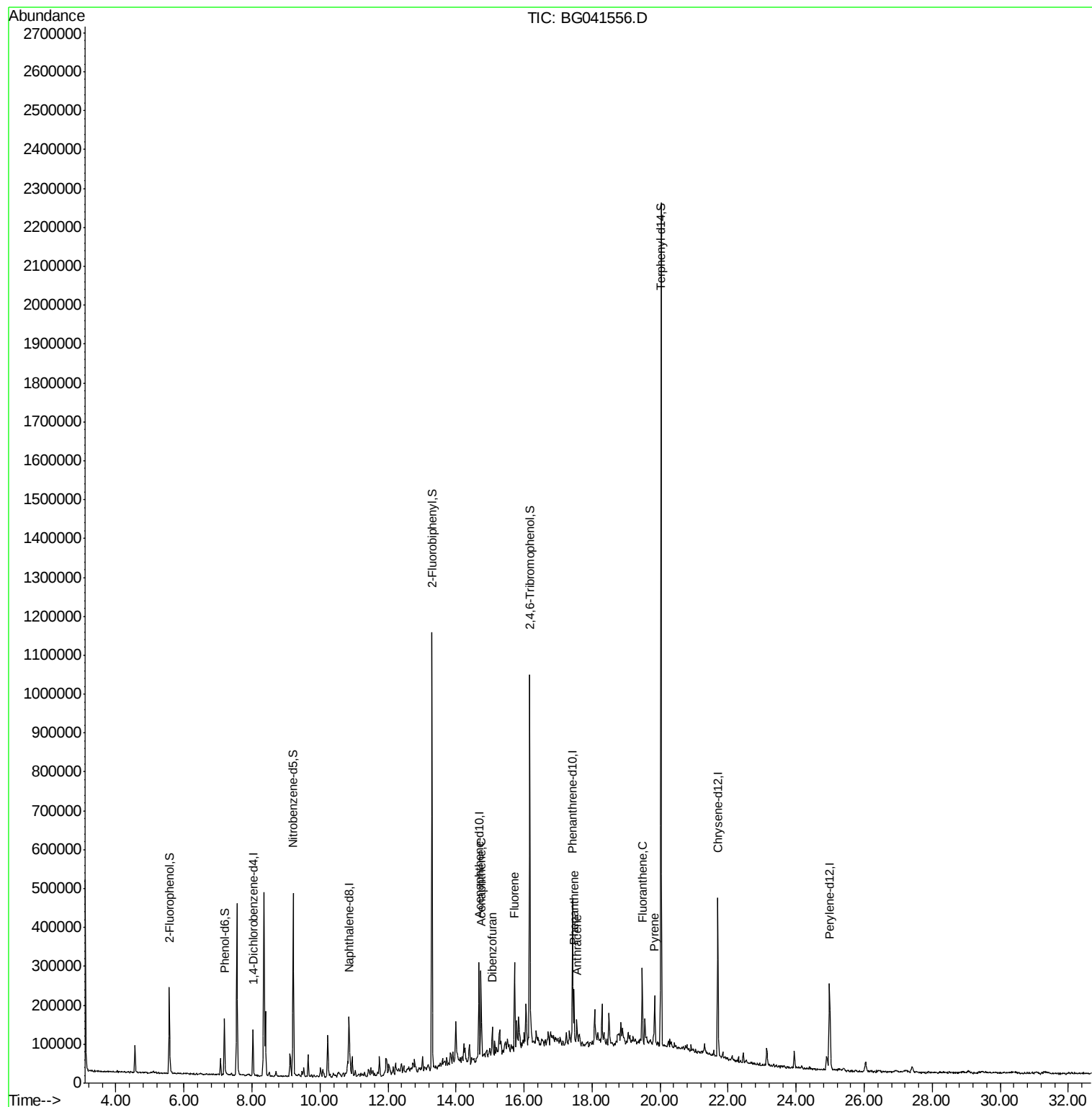
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
Data File : BG041556.D
Acq On : 1 Jul 2019 13:10
Operator : HP/JU
Sample : K3570-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

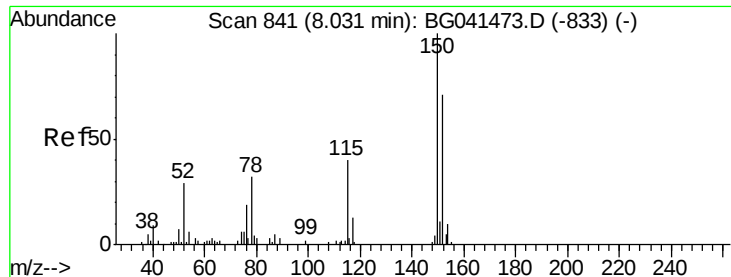
Instrument :
BNA_G
ClientSampleId :
PW-2R

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7/3/2019 9:47:14 AM

Quant Time: Jul 02 05:01:14 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





#1

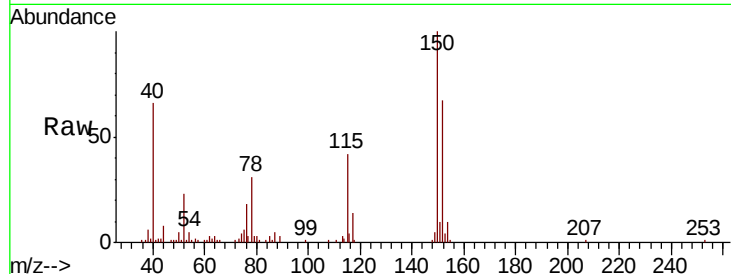
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041556.D
Acq: 1 Jul 2019 13:10

Instrument :
BNA_G
ClientSampleId :
PW-2R

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	112.4	168.6
115	63.3	44.6	66.8

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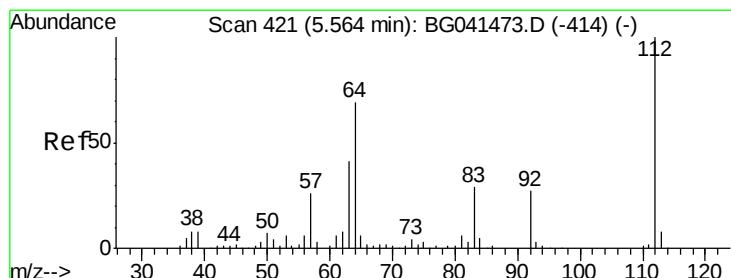
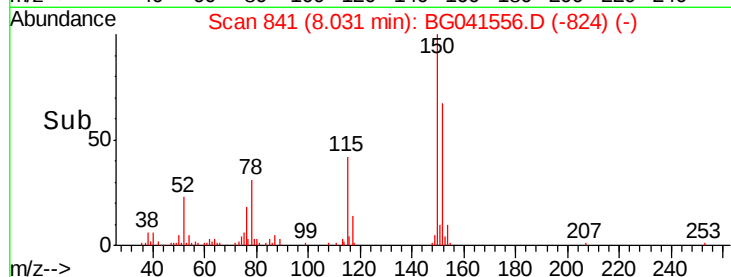
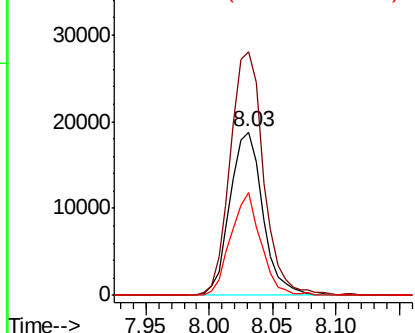


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

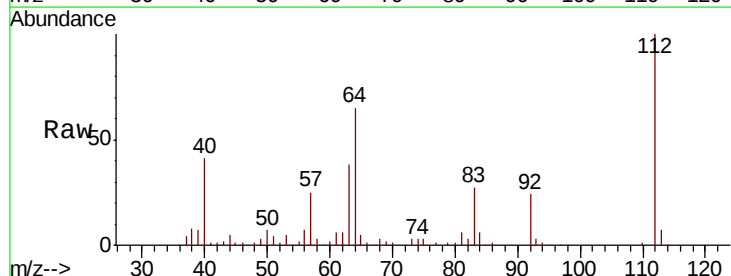
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 50.852 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041556.D
Acq: 1 Jul 2019 13:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	55.1	82.7
63	37.7	32.4	48.6

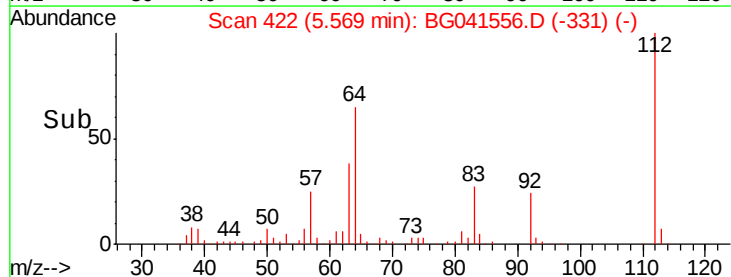
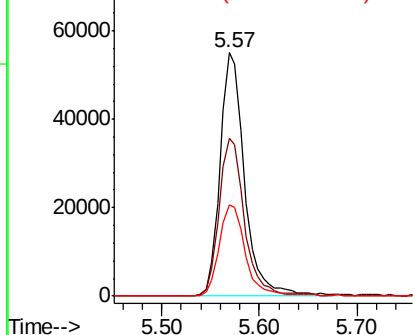


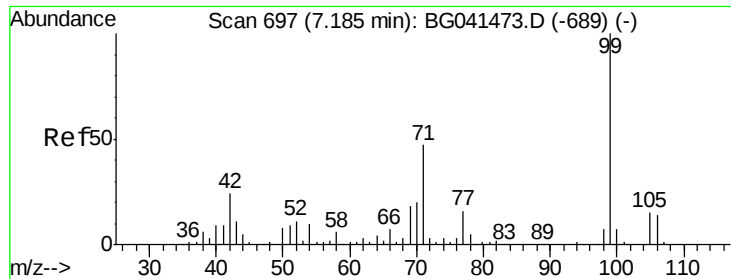
Abundance

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: 30.549 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG041556.D

Acq: 1 Jul 2019 13:10

Instrument :

BNA_G

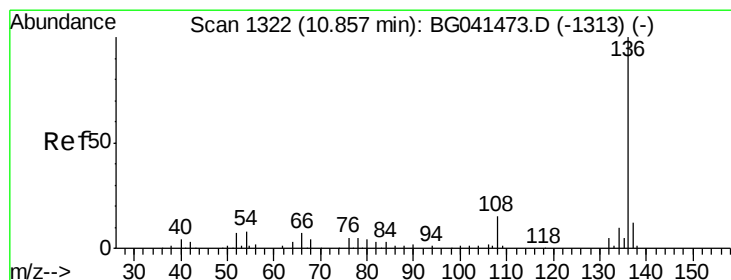
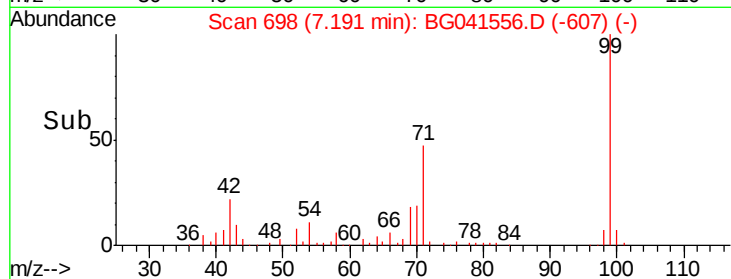
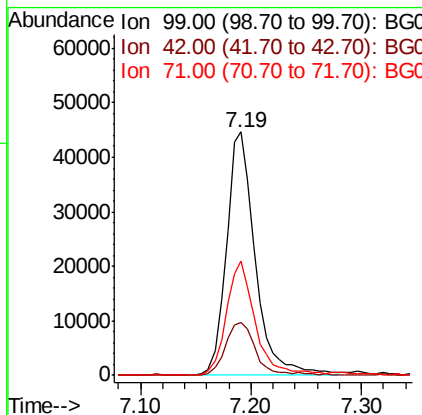
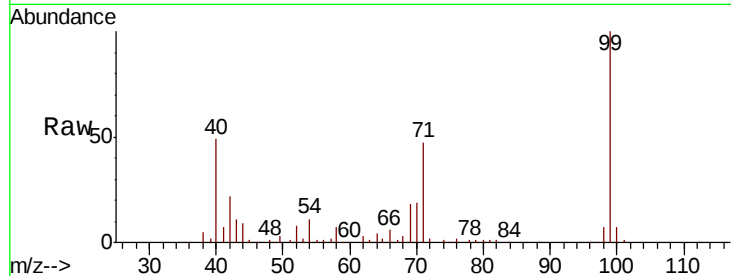
ClientSampleId :

PW-2R

Tot Ion:	99	Resp:	81407
Ion Ratio	Lower	Upper	
99	100		
42	21.8	19.0	28.6
71	47.0	37.4	56.2

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#21

Naphthalene-d8

Concen: 20.000 ng

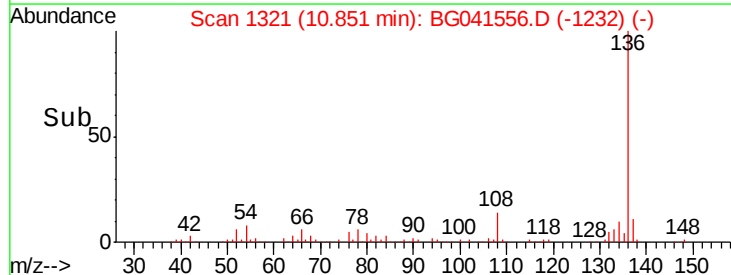
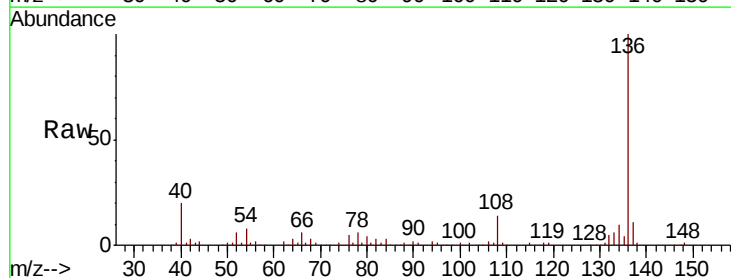
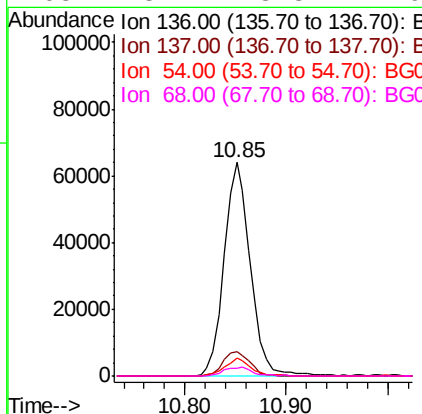
RT: 10.85 min Scan# 1321

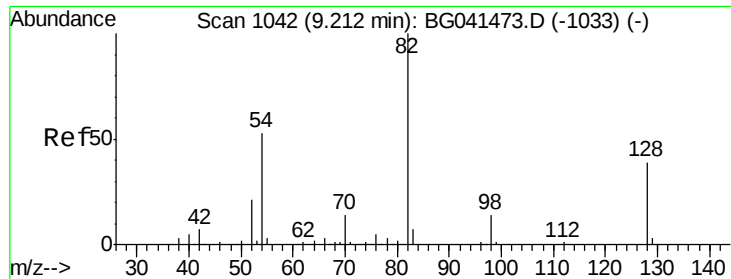
Delta R.T. -0.01 min

Lab File: BG041556.D

Acq: 1 Jul 2019 13:10

Tgt Ion:	136	Resp:	114436
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	8.3	7.1	10.7
68	3.4	3.3	4.9





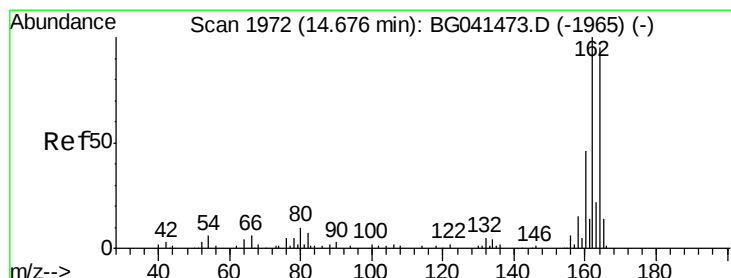
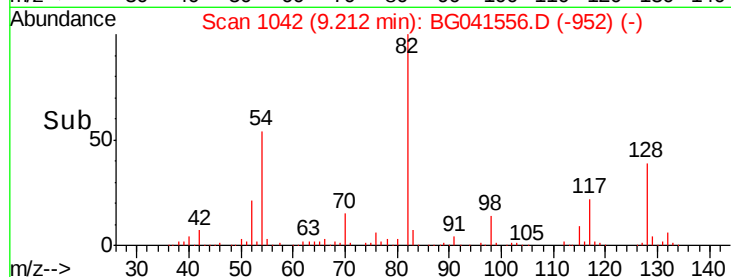
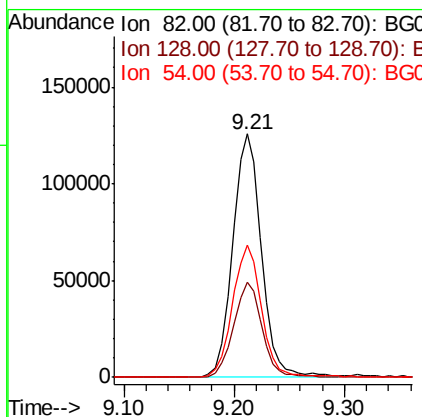
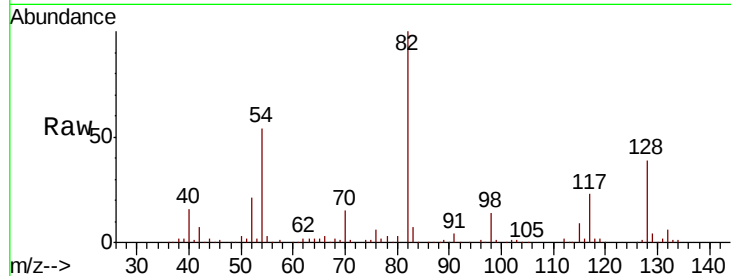
#23
Nitrobenzene-d5
Concen: 83.358 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041556.D
Acq: 1 Jul 2019 13:10

Instrument :
BNA_G
ClientSampleId :
PW-2R

Tot Ion	Ratio	Resp	Lower	Upper
82	100	228718		
128	38.9		30.9	46.3
54	54.2		42.2	63.2

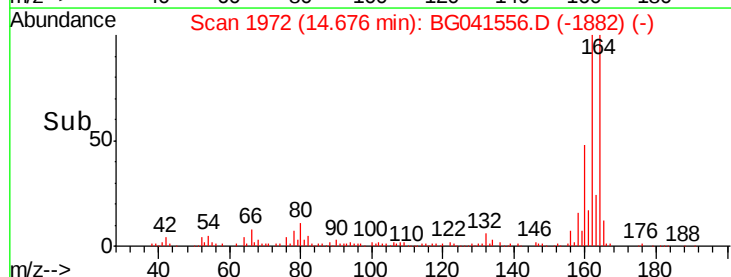
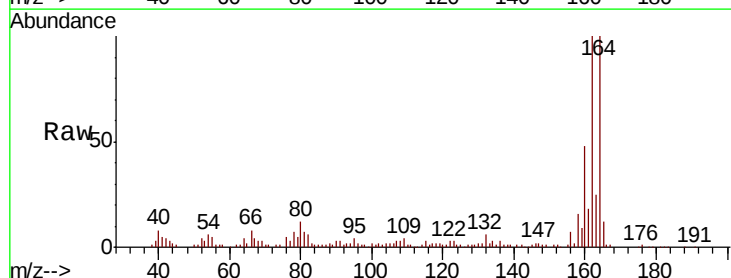
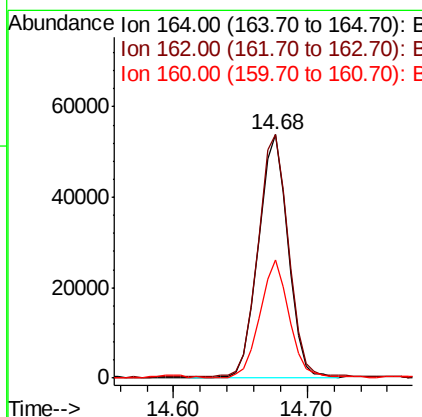
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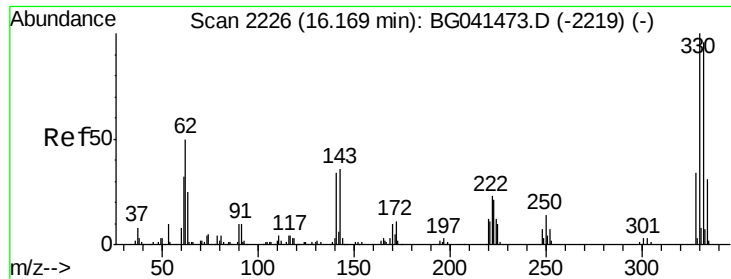
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041556.D
Acq: 1 Jul 2019 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	82668		
162	100.0		84.4	126.6
160	48.3		38.8	58.2





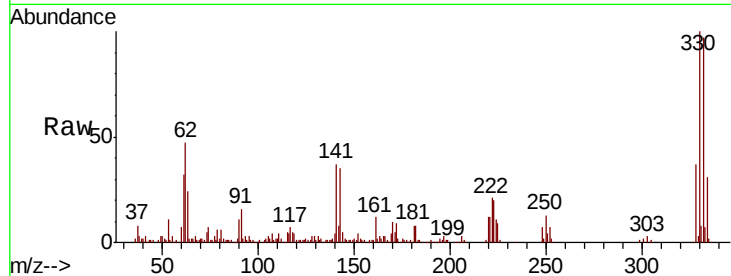
#42
 2,4,6-Tribromophenol
 Concen: 121.227 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041556.D
 Acq: 1 Jul 2019 13:10

Instrument :
 BNA_G
 ClientSampled :
 PW-2R

Tot Ion	Ratio	Resp	Lower	Upper
330	100	171112		
332	96.6	75.5	113.3	
141	34.7	27.8	41.6	

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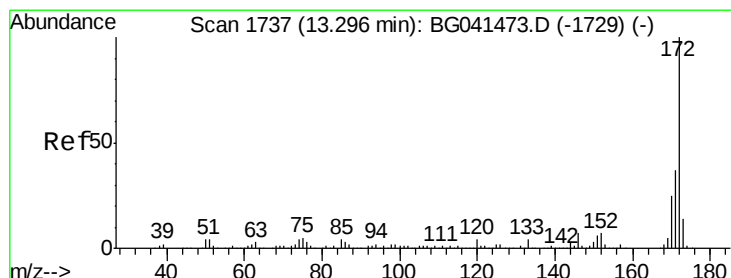
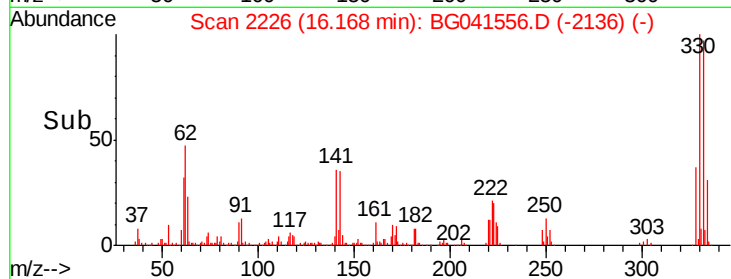
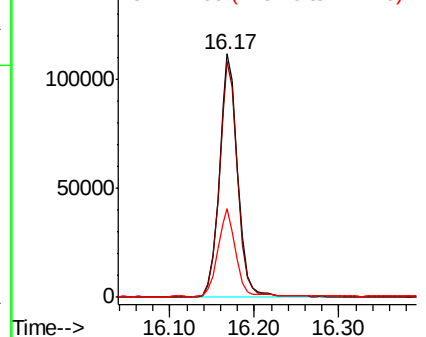


Abundance

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: 85.415 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041556.D
 Acq: 1 Jul 2019 13:10

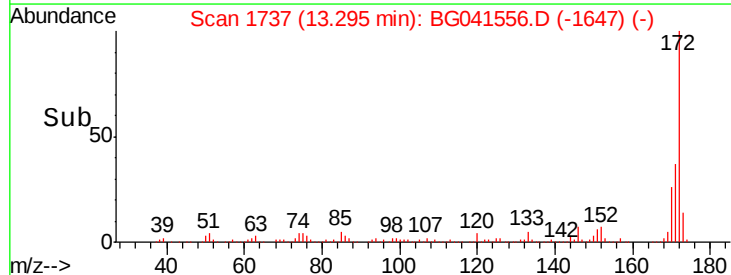
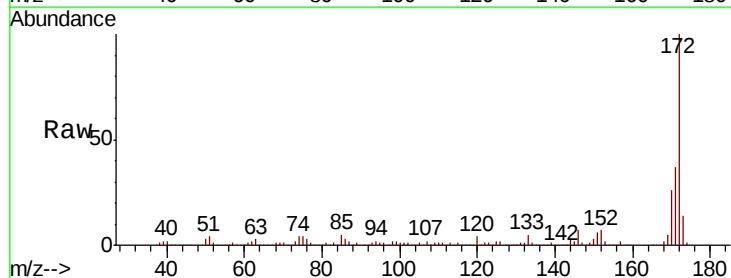
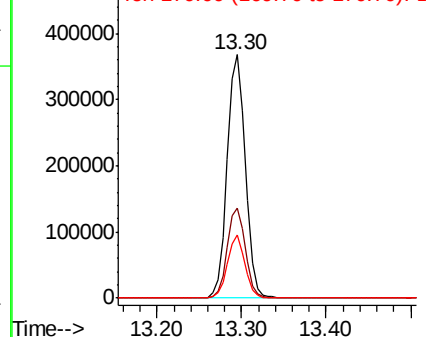
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	550244		
171	37.2	29.6	44.4	
170	25.7	20.0	30.0	

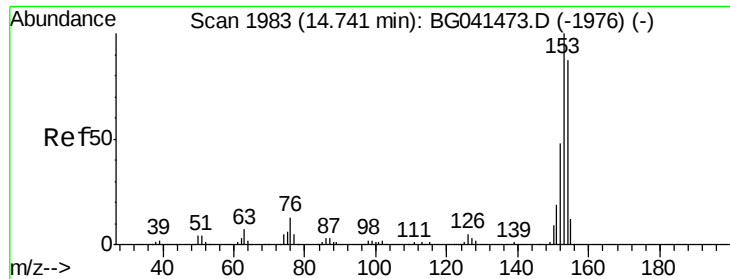
Abundance

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





#52

Acenaphthene

Concen: 16.168 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041556.D

Acq: 1 Jul 2019 13:10

Instrument :

BNA_G

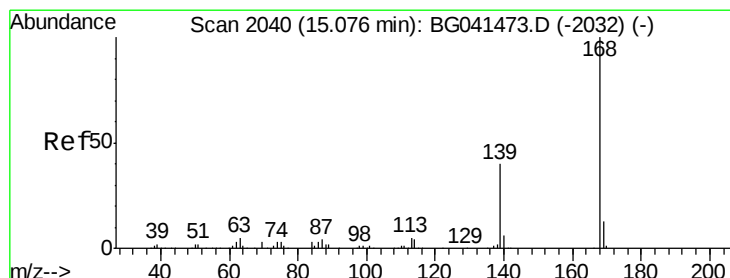
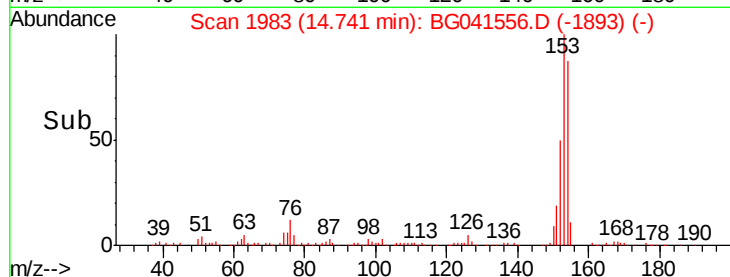
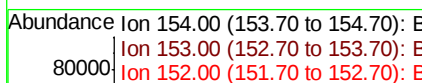
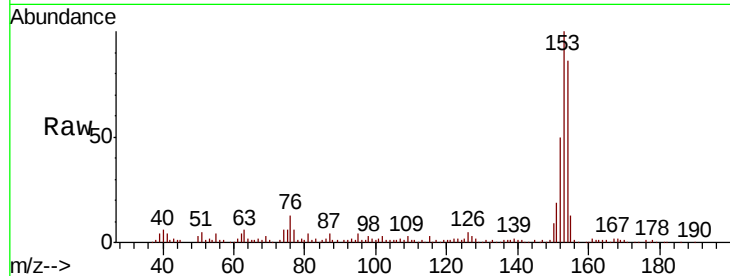
ClientSampleId :

PW-2R

Tot Ion:	154	Resp:	80290
Ion	Ratio	Lower	Upper
154	100		
153	115.8	92.2	138.4
152	57.9	44.1	66.1

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#55

Dibenzofuran

Concen: 4.390 ng

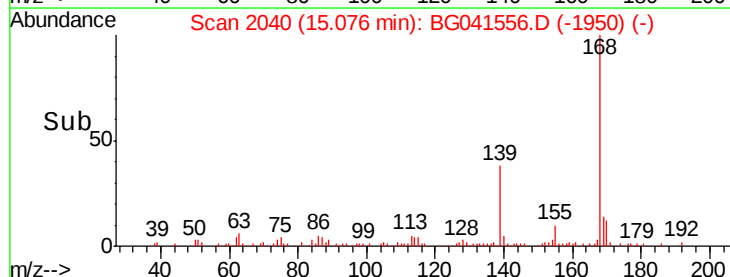
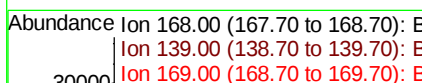
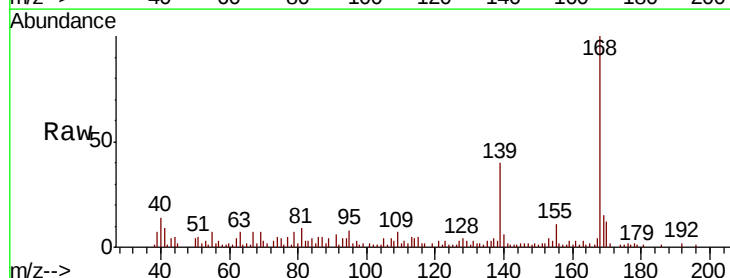
RT: 15.08 min Scan# 2040

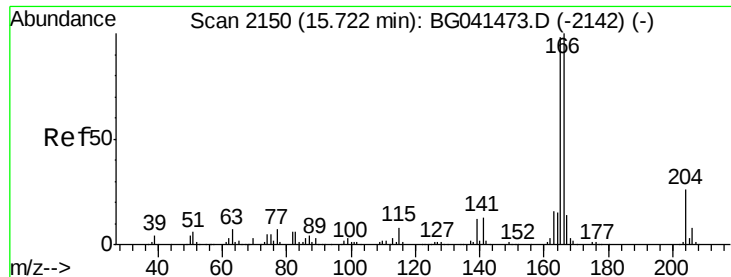
Delta R.T. -0.00 min

Lab File: BG041556.D

Acq: 1 Jul 2019 13:10

Tgt Ion:	168	Resp:	37956
Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.2	48.4
169	15.1	10.6	16.0





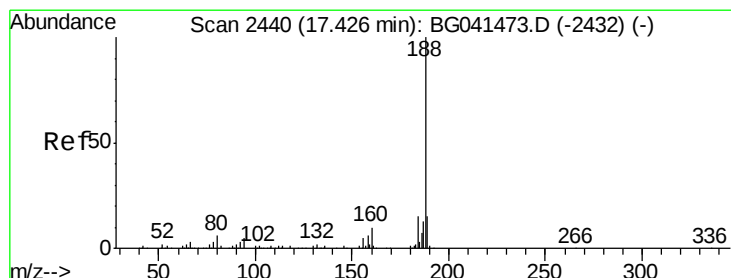
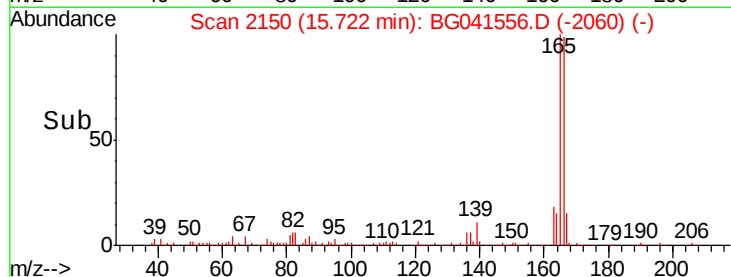
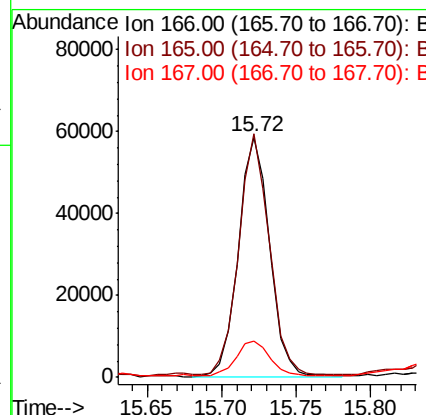
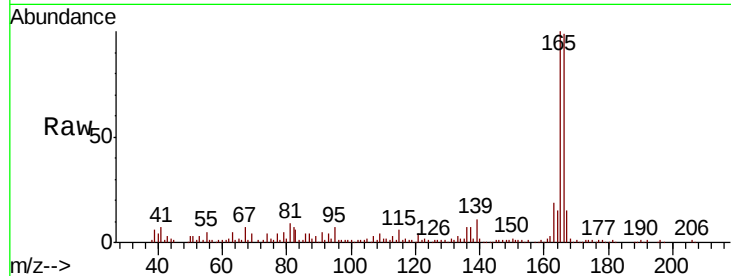
#58
 Fluorene
 Concen: 12.589 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG041556.D
 Acq: 1 Jul 2019 13:10

Instrument :
 BNA_G
 ClientSampleId :
 PW-2R

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.6	117.8
167	15.3	11.4	17.0

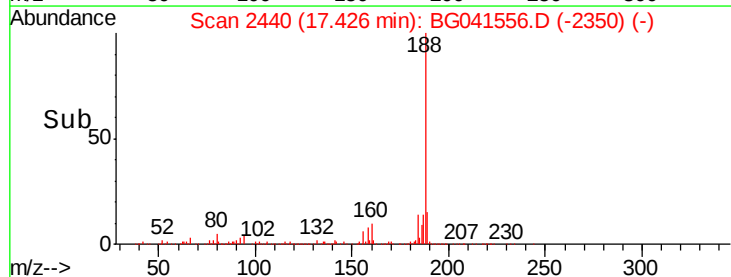
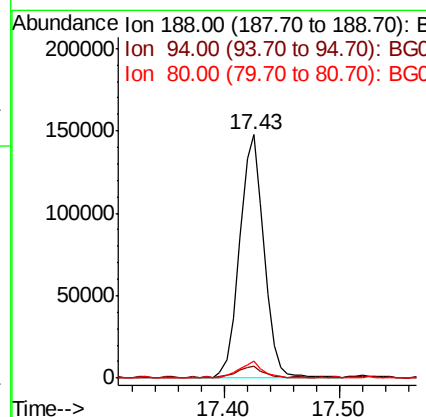
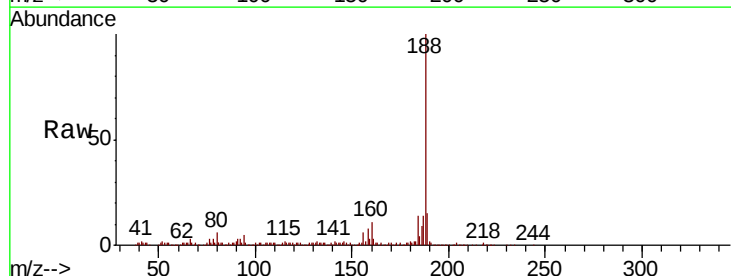
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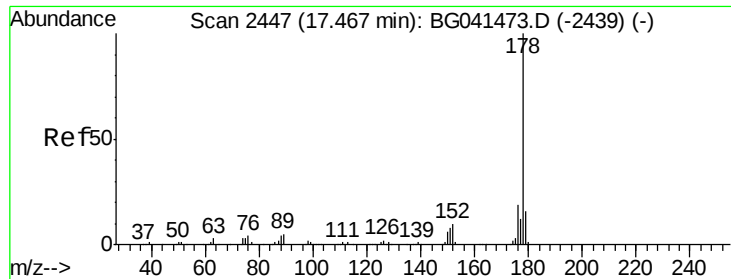
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG041556.D
 Acq: 1 Jul 2019 13:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.8	5.8
80	6.8	4.8	7.2





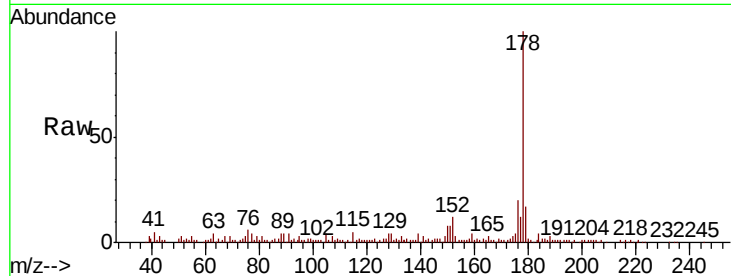
#71
Phenanthrene
Concen: 6.977 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041556.D
Acq: 1 Jul 2019 13:10

Instrument :
BNA_G
ClientSampled :
PW-2R

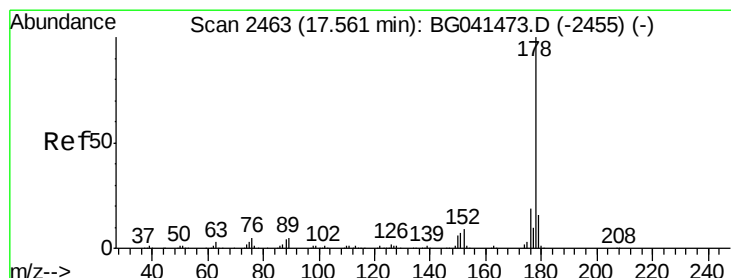
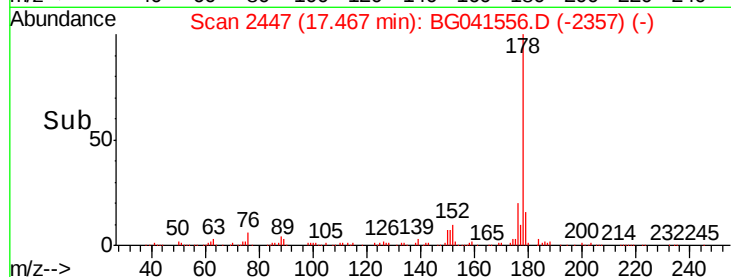
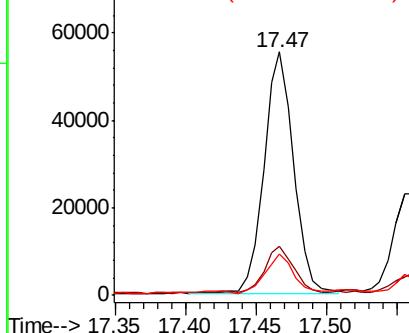
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.0
179	16.7	13.0	19.4

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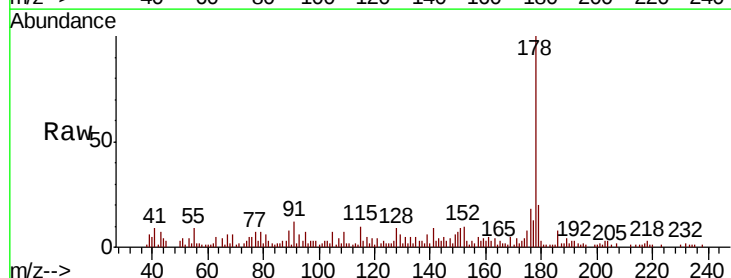


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

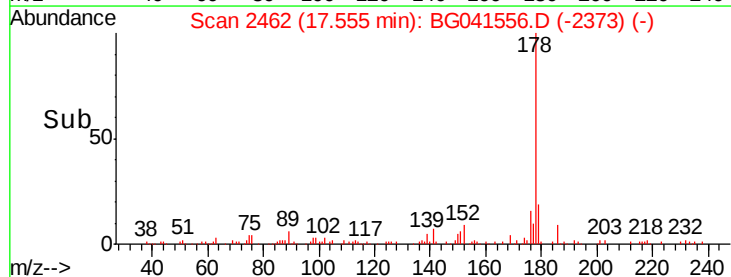
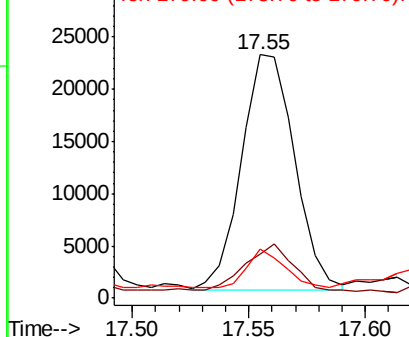


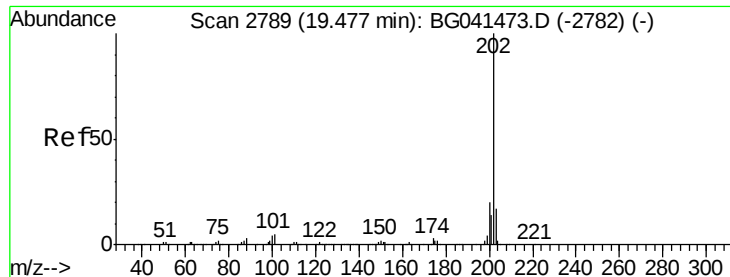
#72
Anthracene
Concen: 3.027 ng m
RT: 17.55 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG041556.D
Acq: 1 Jul 2019 13:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	20.0	12.8	19.2#



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: 8.664 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041556.D

Acq: 1 Jul 2019 13:10

Instrument :

BNA_G

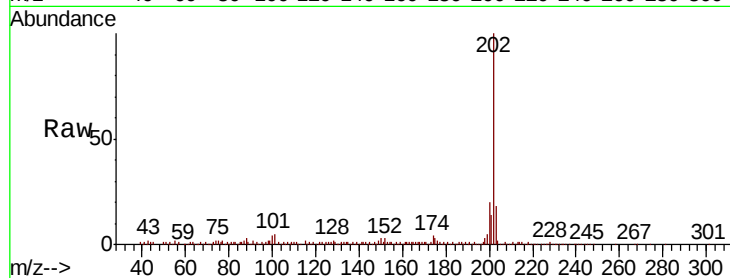
ClientSampleId :

PW-2R

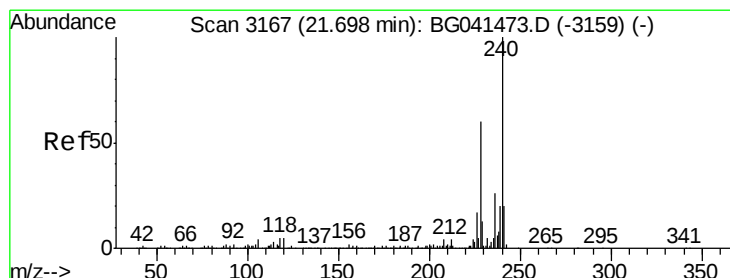
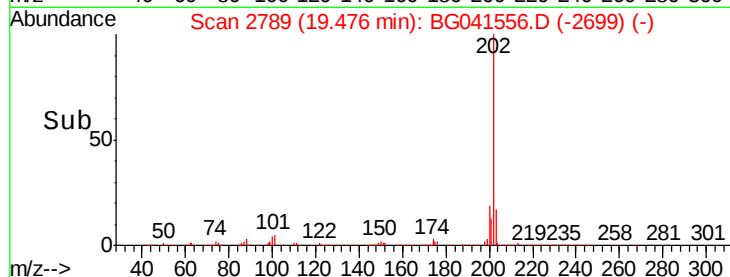
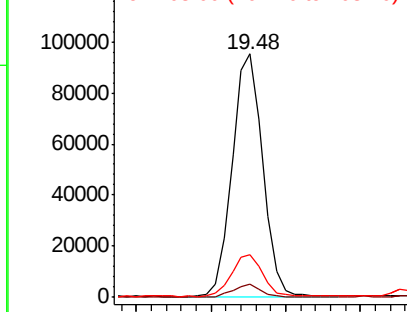
Tot Ion:	202	Resp:	135495
Ion Ratio		Lower	Upper
202	100		
101	5.4	0.0	24.9
203	17.8	0.0	37.5

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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

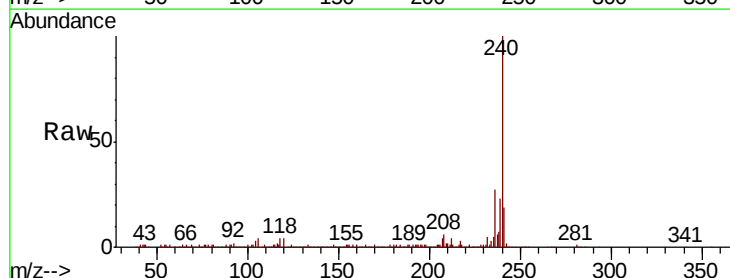
RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

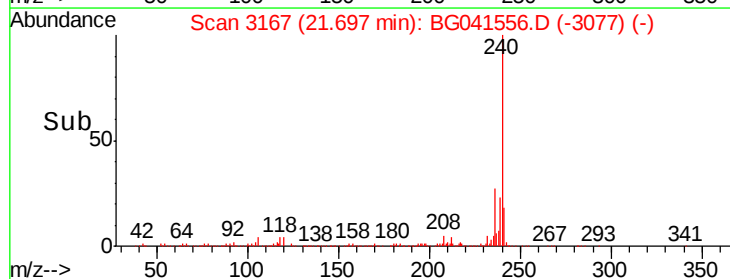
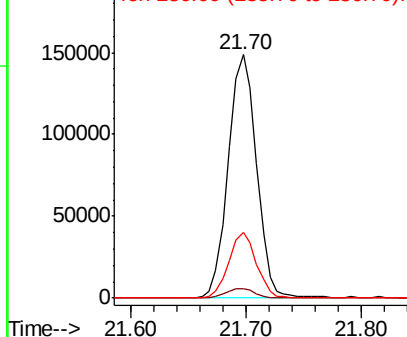
Lab File: BG041556.D

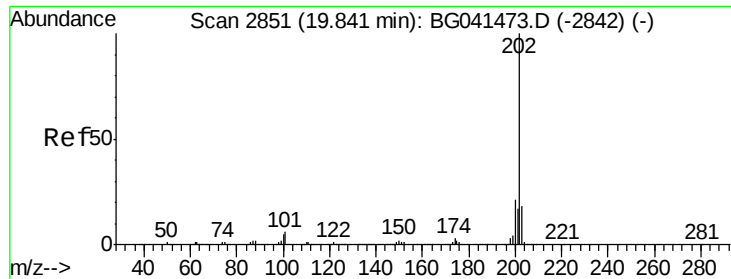
Acq: 1 Jul 2019 13:10

Tgt Ion:	240	Resp:	252820
Ion Ratio		Lower	Upper
240	100		
120	3.8	3.7	5.5
236	26.8	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





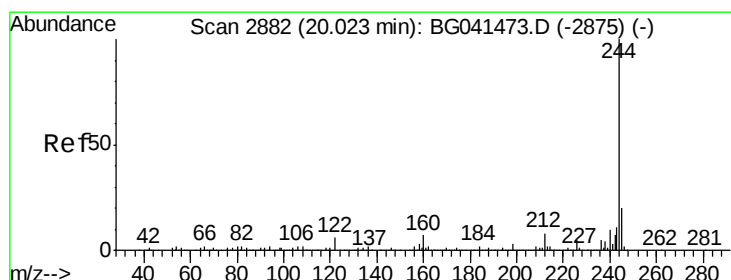
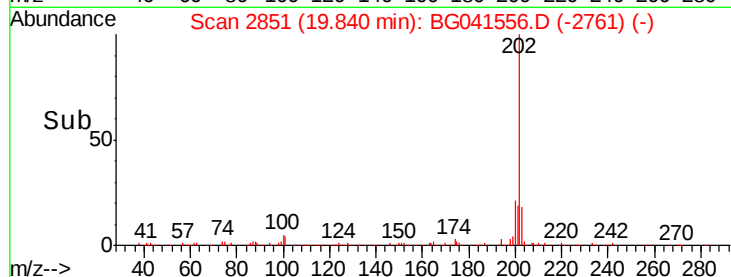
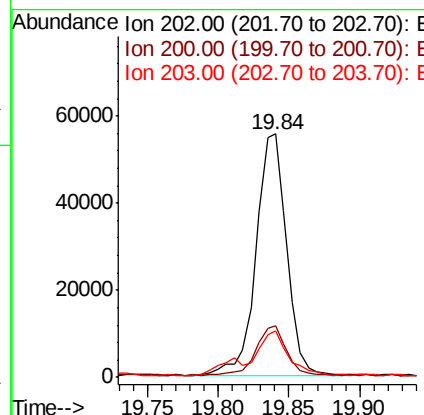
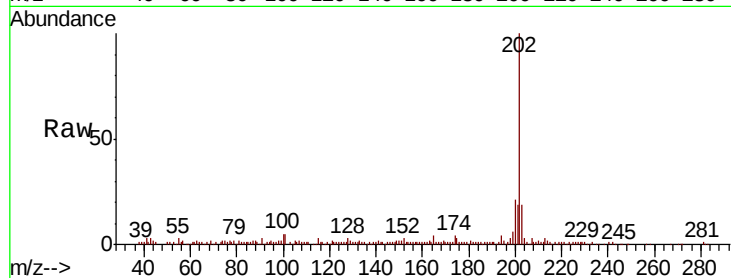
#78
Pvrene
Concen: 4.906 ng
RT: 19.84 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG041556.D
Acq: 1 Jul 2019 13:10

Instrument :
BNA_G
ClientSampleId :
PW-2R

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	18.9	14.2	21.4

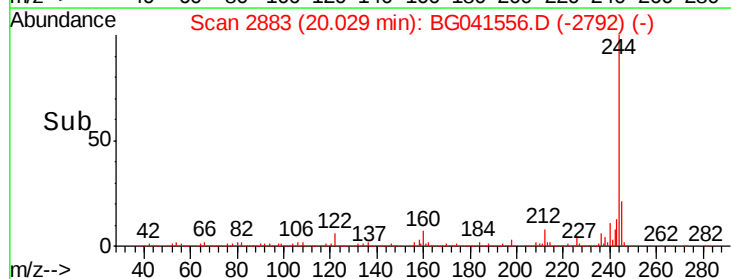
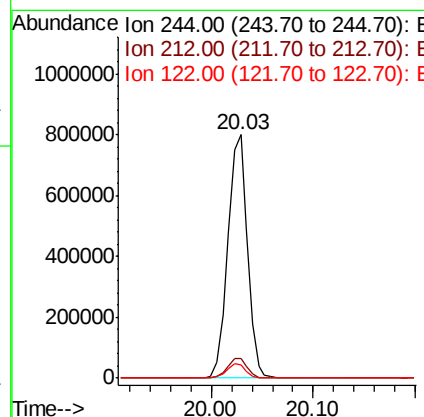
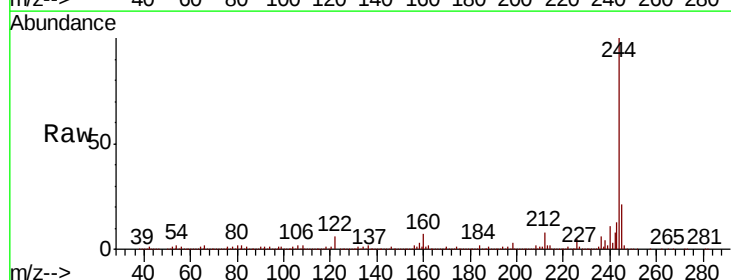
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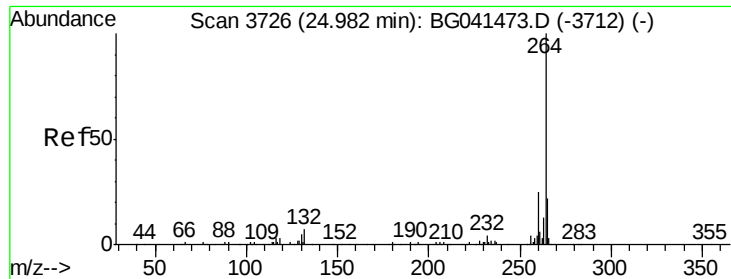
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#79
Terphenyl-d14
Concen: 90.022 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.01 min
Lab File: BG041556.D
Acq: 1 Jul 2019 13:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.4
122	5.7	4.8	7.2





#87
Pervlone-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041556.D
Acq: 1 Jul 2019 13:10

Instrument :
BNA_G
ClientSampleId :
PW-2R

Tot Ion:	264	Resp:	275258
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.7	29.5
265	22.1	17.4	26.2

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