

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043417.D
 Acq On : 31 Oct 2019 1:43
 Operator : JU
 Sample : K5599-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z3-22A

Quant Time: Oct 31 06:46:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

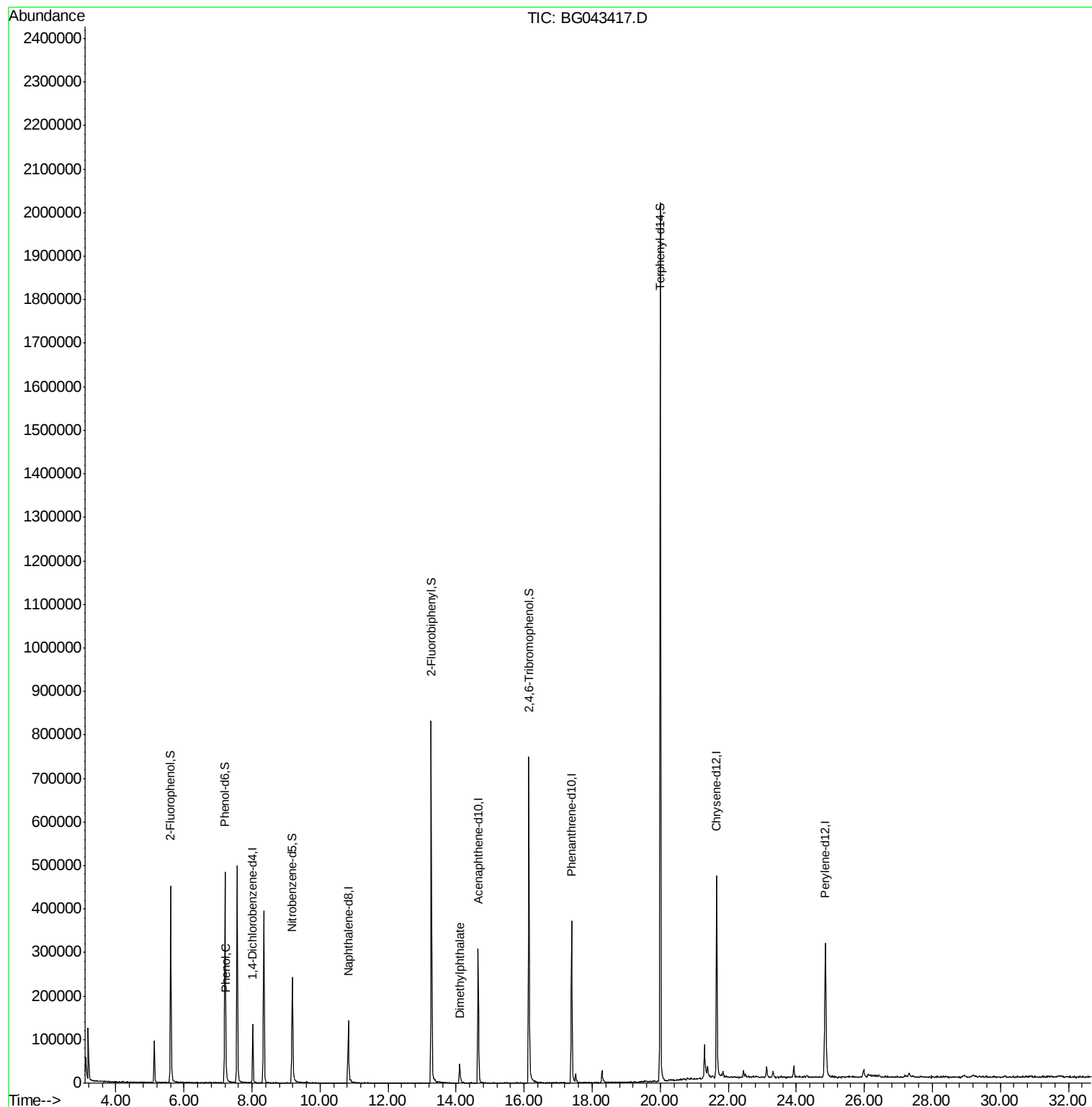
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39513	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	145611	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	122898	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	281950	20.00	ng	0.00
76) Chrysene-d12	21.66	240	322205	20.00	ng	0.00
87) Perylene-d12	24.85	264	378124	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	216933	100.60	ng	0.00
7) Phenol-d6	7.21	99	312087	100.60	ng	0.00
23) Nitrobenzene-d5	9.19	82	175051	61.98	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	195059	83.40	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	533722	60.01	ng	0.00
79) Terphenyl-d14	20.00	244	1120640	65.25	ng	0.00
Target Compounds						
10) Phenol	7.24	94	7526	2.655	ng	Qvalue # 74
50) Dimethylphthalate	14.10	163	46800	4.916	ng	100

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

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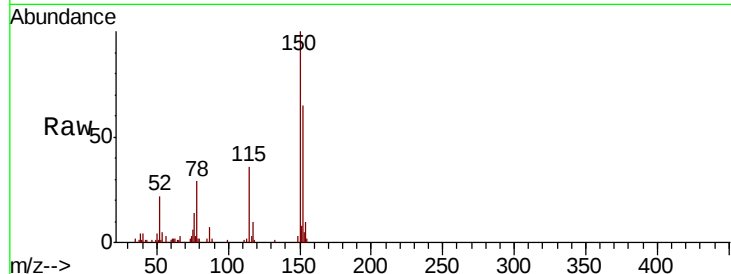


#1

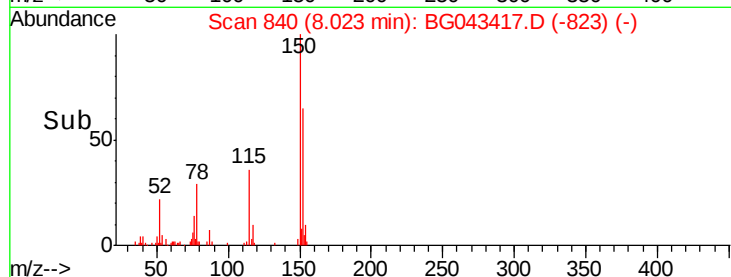
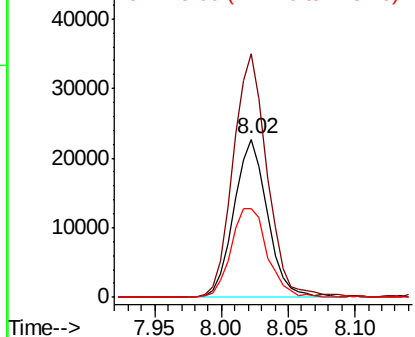
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043417.D
 Acq: 31 Oct 2019 1:43

Instrument :
 BNA_G
 ClientSampleId :
 Z3-22A

Tot Ion:152 Resp: 39513
 Ion Ratio Lower Upper
 152 100
 150 153.8 113.6 170.4
 115 55.8 45.9 68.9



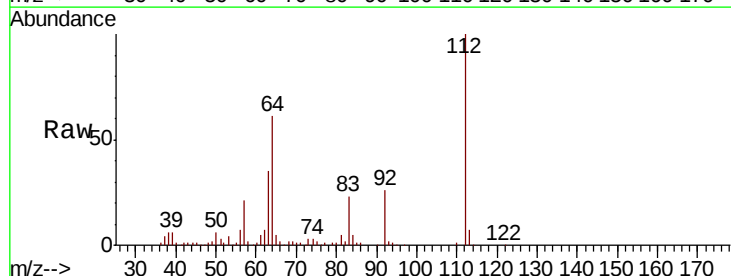
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



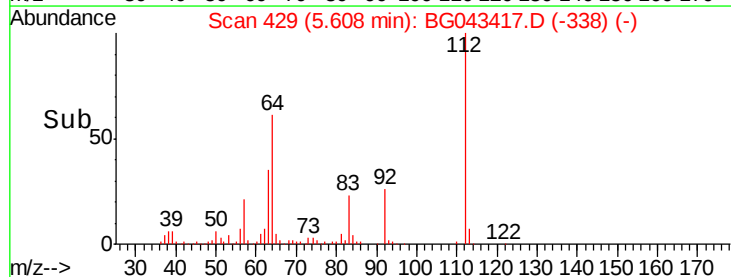
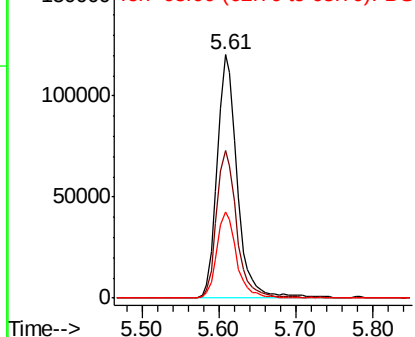
#5

2-Fluorophenol
 Concen: 100.604 ng
 RT: 5.61 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG043417.D
 Acq: 31 Oct 2019 1:43

Tgt Ion:112 Resp: 216933
 Ion Ratio Lower Upper
 112 100
 64 60.7 50.2 75.2
 63 35.3 26.7 40.1



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: 100.595 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043417.D

Acq: 31 Oct 2019 1:43

Instrument :

BNA_G

ClientSampleId :

Z3-22A

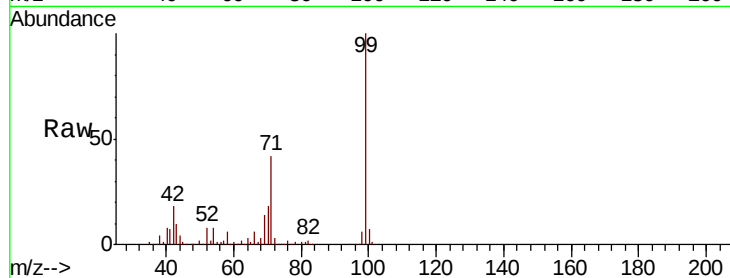
Tot Ion: 99 Resp: 312087

Ion Ratio Lower Upper

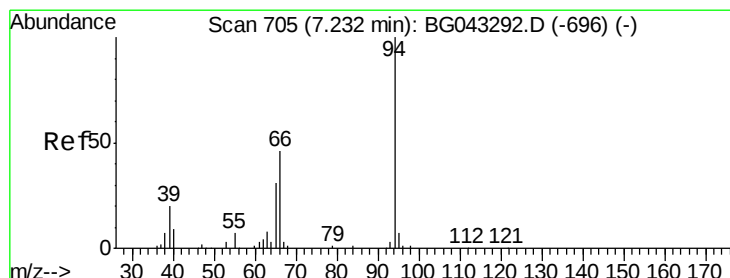
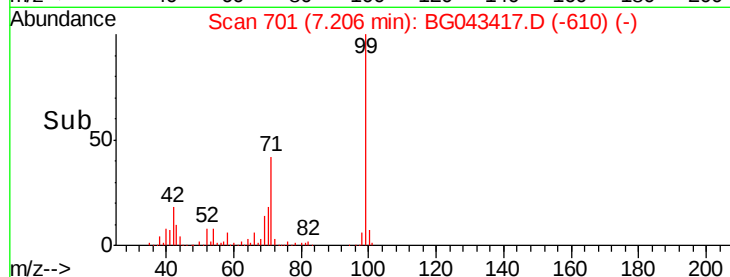
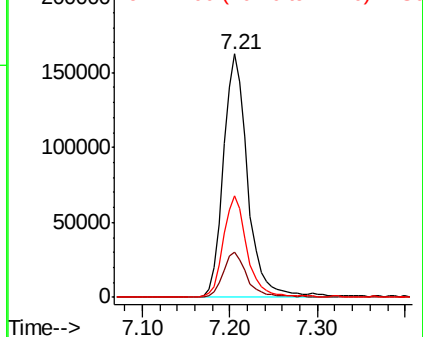
99 100

42 18.4 14.9 22.3

71 41.5 32.2 48.2



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



#10

Phenol

Concen: 2.655 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043417.D

Acq: 31 Oct 2019 1:43

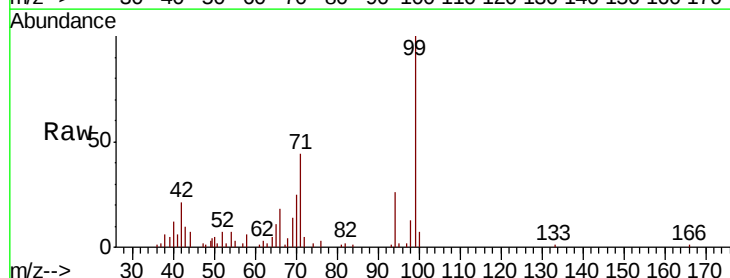
Tgt Ion: 94 Resp: 7526

Ion Ratio Lower Upper

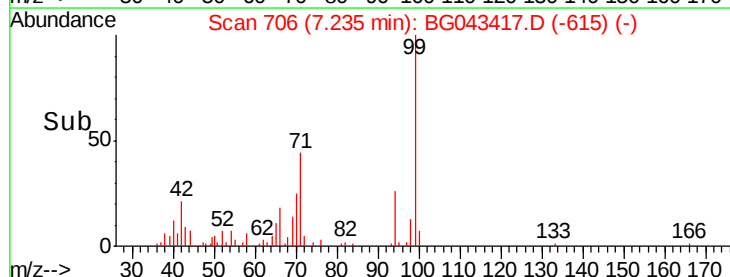
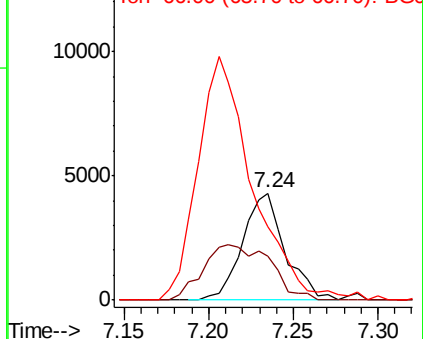
94 100

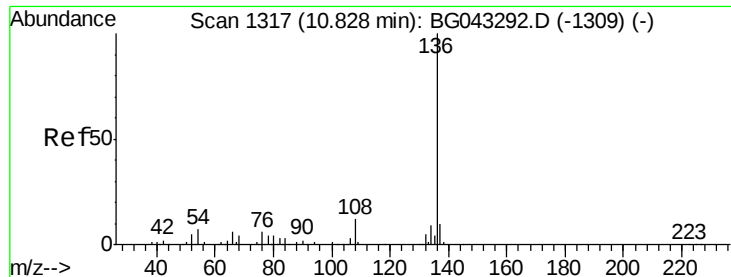
65 41.0 11.1 51.1

66 68.3 27.8 67.8#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

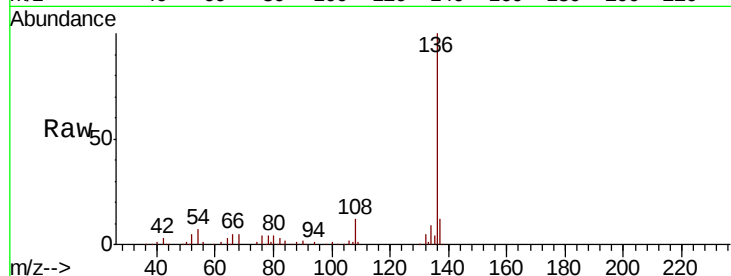




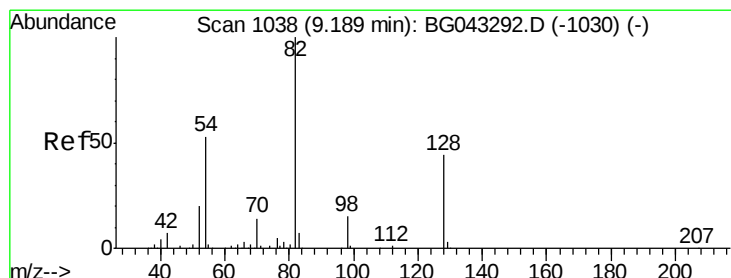
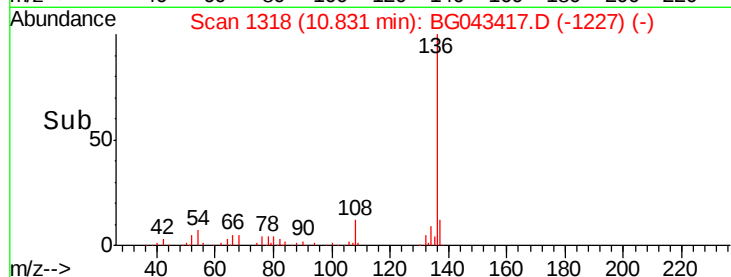
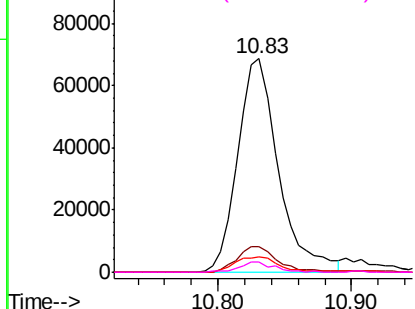
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043417.D
Acq: 31 Oct 2019 1:43

Instrument :
BNA_G
ClientSampleId :
Z3-22A

Tot Ion:136	Resp:	145611
Ion	Ratio	Lower Upper
136	100	
137	12.0	8.2 12.2
54	7.1	5.4 8.2
68	4.6	3.3 4.9

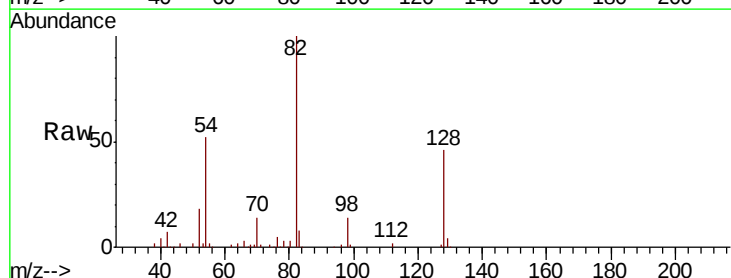


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

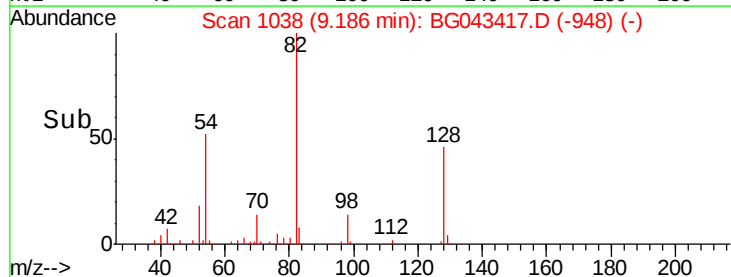
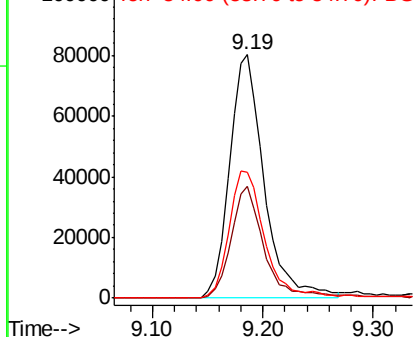


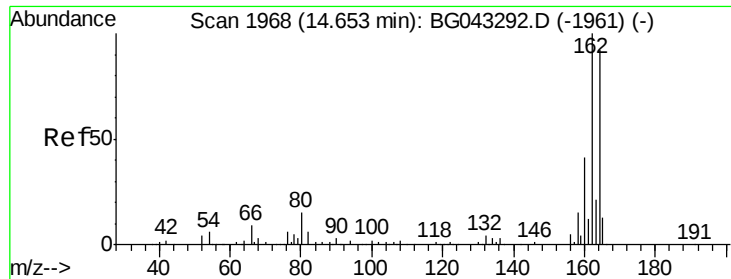
#23
Nitrobenzene-d5
Concen: 61.978 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043417.D
Acq: 31 Oct 2019 1:43

Tgt Ion: 82	Resp:	175051
Ion	Ratio	Lower Upper
82	100	
128	45.7	35.3 52.9
54	51.7	42.3 63.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043417.D

Acq: 31 Oct 2019 1:43

Instrument :

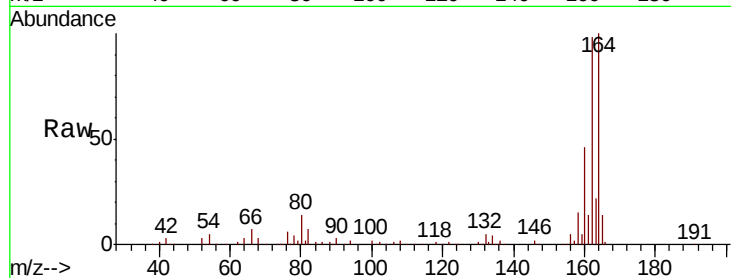
BNA_G

ClientSampleId :

Z3-22A

Tot Ion:164 Resp: 122898

Ion	Ratio	Lower	Upper
164	100		
162	98.4	87.0	130.4
160	45.5	35.5	53.3

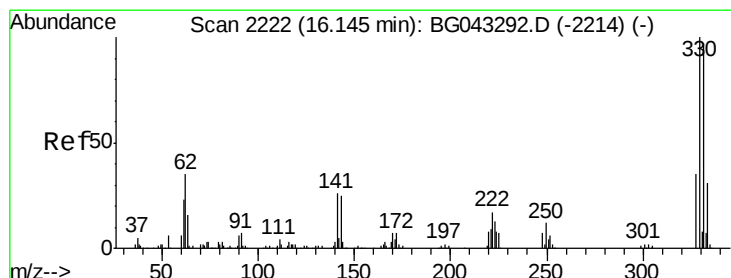
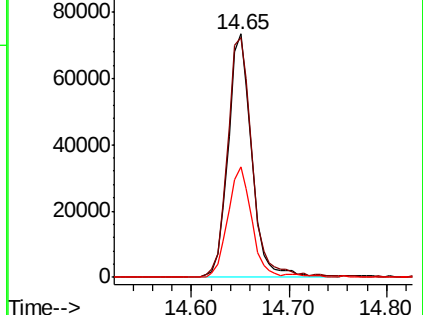
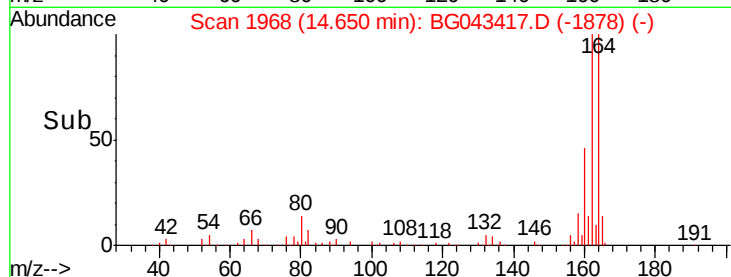


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 83.403 ng

RT: 16.14 min Scan# 2221

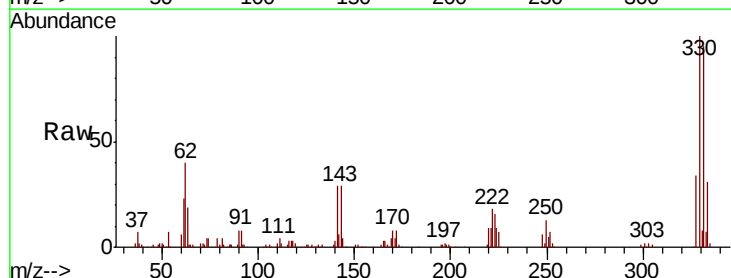
Delta R.T. -0.01 min

Lab File: BG043417.D

Acq: 31 Oct 2019 1:43

Tgt Ion:330 Resp: 195059

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.4	114.6
141	28.2	21.4	32.0

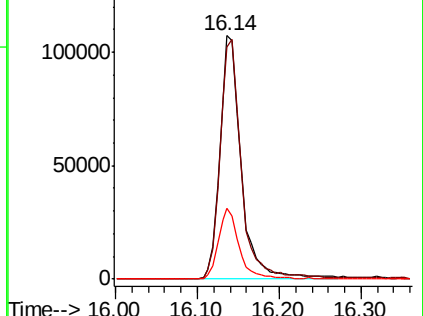
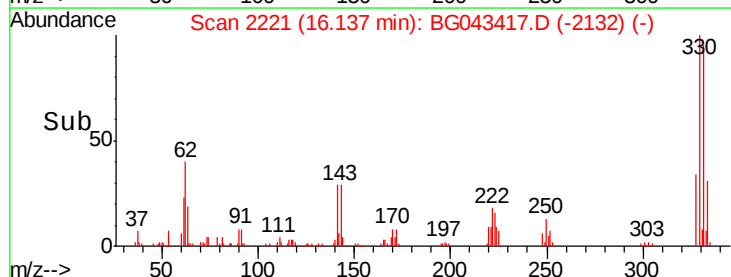


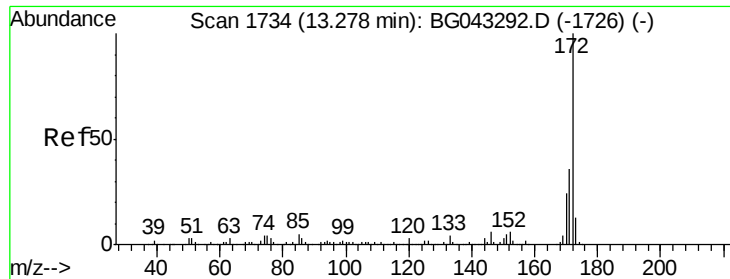
Abundance

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: 60.009 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG043417.D

Acq: 31 Oct 2019 1:43

Instrument :

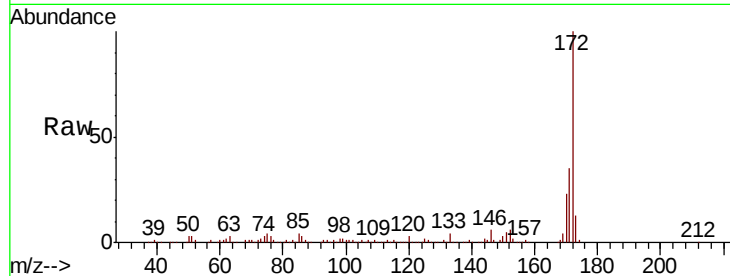
BNA_G

ClientSampleId :

Z3-22A

Tot Ion:172 Resp: 533722

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.0	18.8	28.2

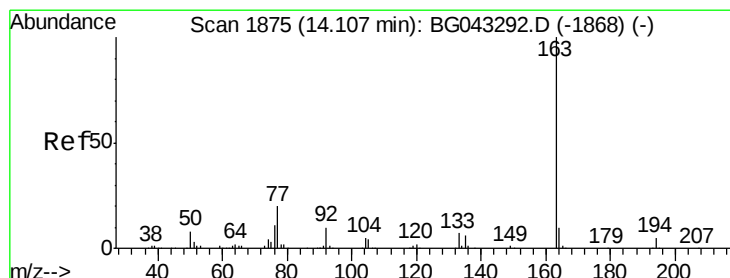
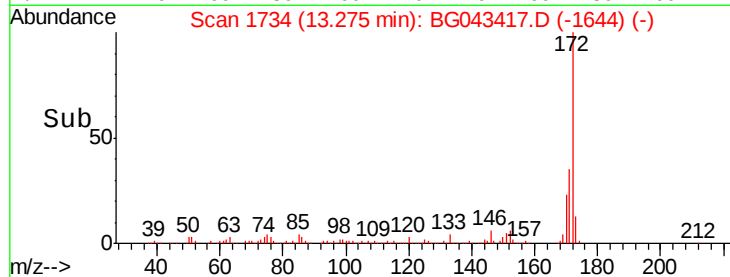
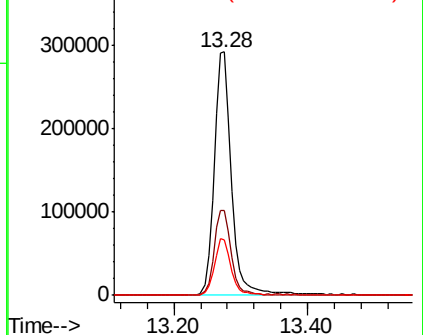


Abundance

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: 4.916 ng

RT: 14.10 min Scan# 1875

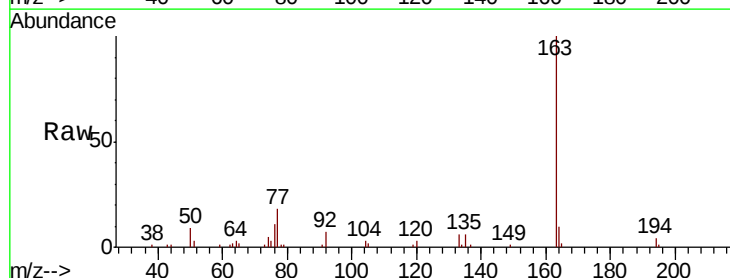
Delta R.T. -0.00 min

Lab File: BG043417.D

Acq: 31 Oct 2019 1:43

Tgt Ion:163 Resp: 46800

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.1	8.1	12.1

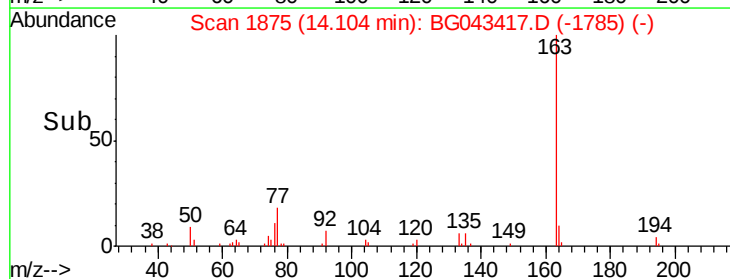
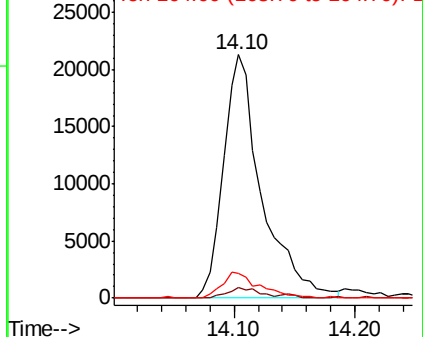


Abundance

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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043417.D

Acq: 31 Oct 2019 1:43

Instrument :

BNA_G

ClientSampleId :

Z3-22A

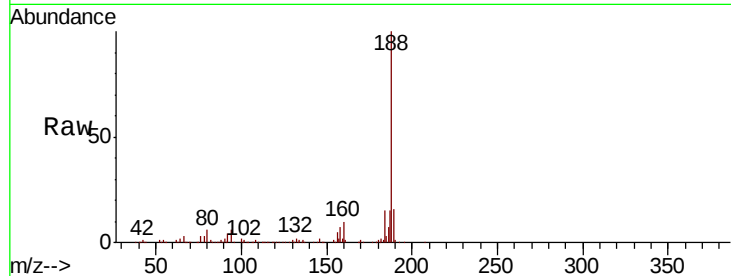
Tot Ion:188 Resp: 281950

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.2

80 6.5 5.2 7.8



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

200000

150000

100000

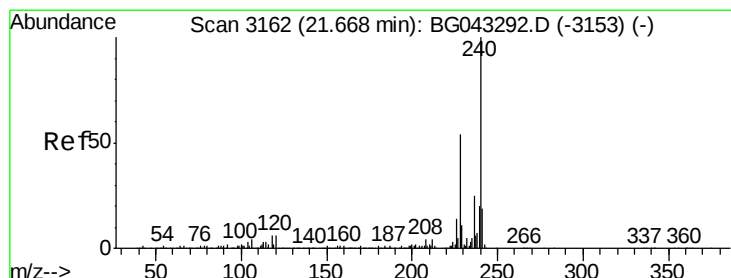
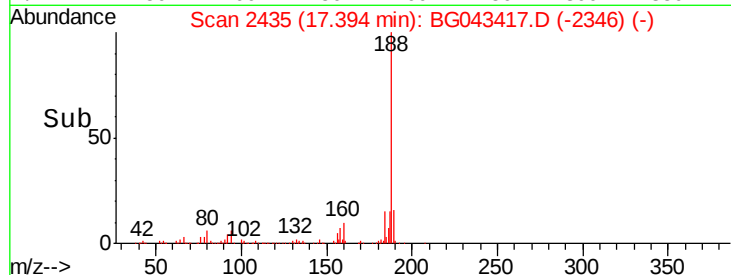
50000

0

17.39

17.30 17.40 17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043417.D

Acq: 31 Oct 2019 1:43

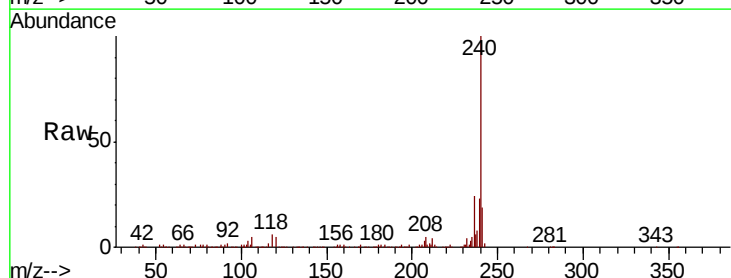
Tgt Ion:240 Resp: 322205

Ion Ratio Lower Upper

240 100

120 5.2 4.6 7.0

236 24.4 20.2 30.4



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

200000

150000

100000

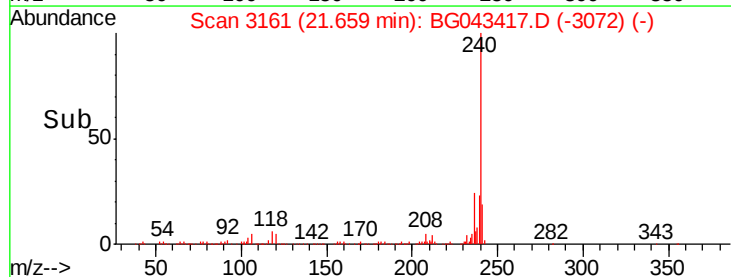
50000

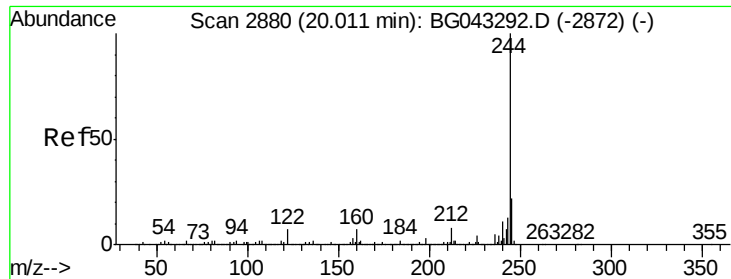
0

21.66

21.60 21.70 21.80

Time-->





#79

Terphenyl-d14

Concen: 65.250 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043417.D

Acq: 31 Oct 2019 1:43

Instrument :

BNA_G

ClientSampled :

Z3-22A

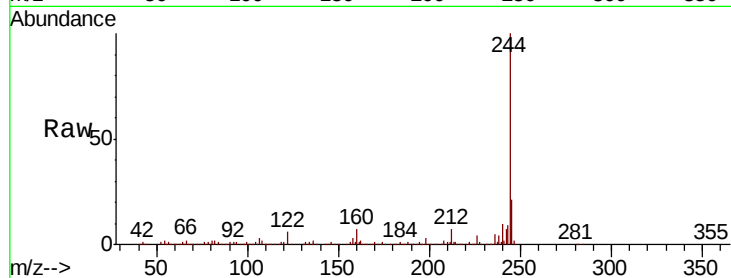
Tot Ion:244 Resp: 1120640

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

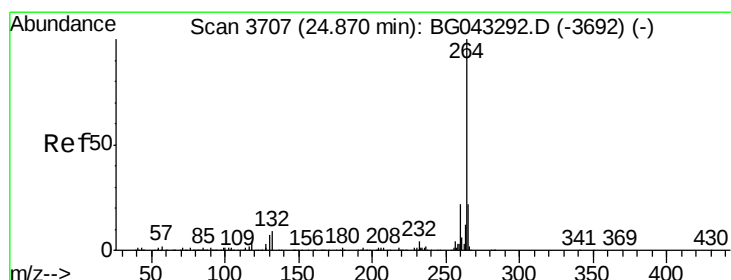
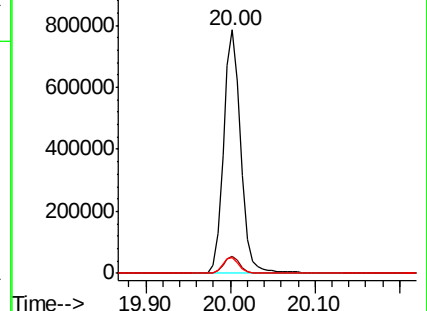
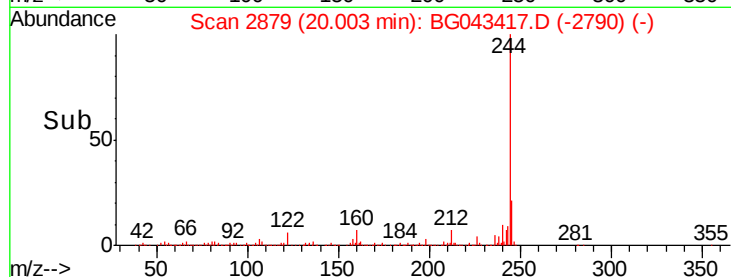
122 6.5 5.3 7.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043417.D

Acq: 31 Oct 2019 1:43

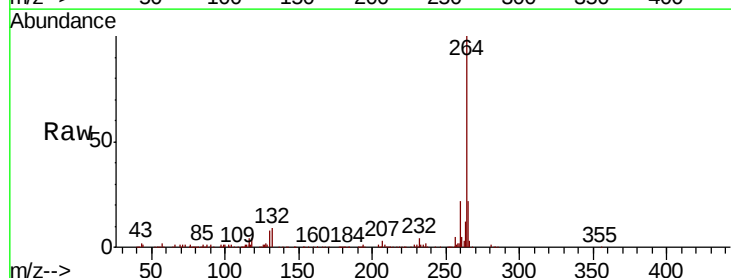
Tgt Ion:264 Resp: 378124

Ion Ratio Lower Upper

264 100

260 21.8 17.9 26.9

265 22.5 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

