

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043455.D
 Acq On : 1 Nov 2019 6:05
 Operator : JU
 Sample : PB124468BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124468BL

Quant Time: Nov 01 08:12:26 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	37720	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	132080	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	108403	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	260856	20.00	ng	0.00
76) Chrysene-d12	21.67	240	283031	20.00	ng	0.00
87) Perylene-d12	24.86	264	339473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	292381	142.04	ng	0.00
7) Phenol-d6	7.21	99	413166	139.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	253539	98.96	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	262286	127.14	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	683856	87.17	ng	0.00
79) Terphenyl-d14	20.00	244	1444220	95.73	ng	0.00

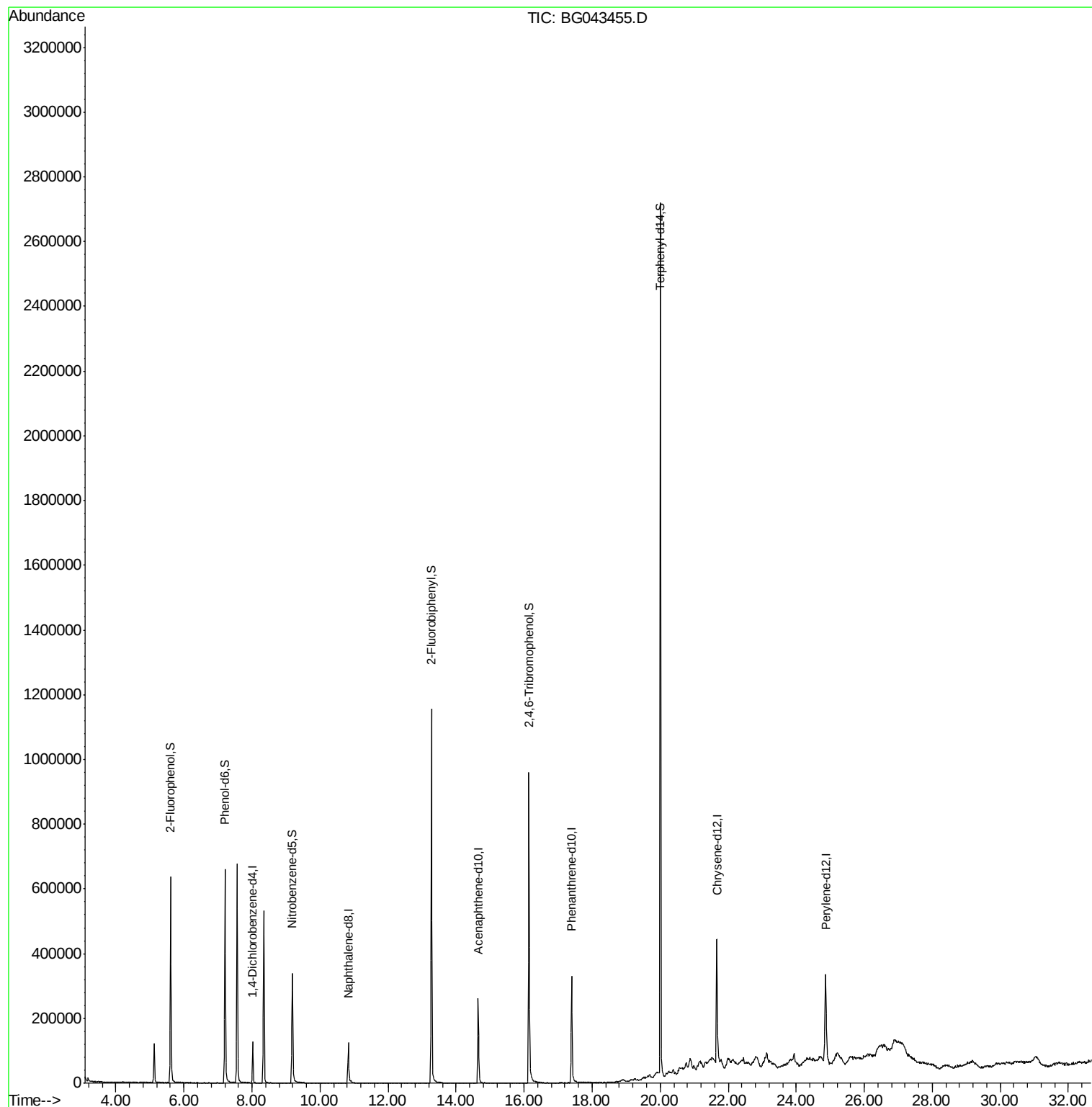
Target Compounds Qvalue

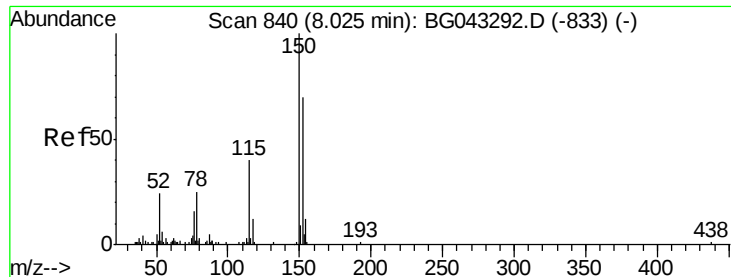
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

Instrument :

BNA_G

ClientSampleId :

PB124468BL

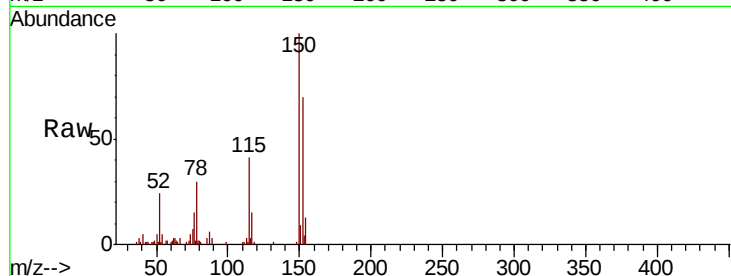
Tot Ion:152 Resp: 37720

Ion Ratio Lower Upper

152 100

150 143.9 113.6 170.4

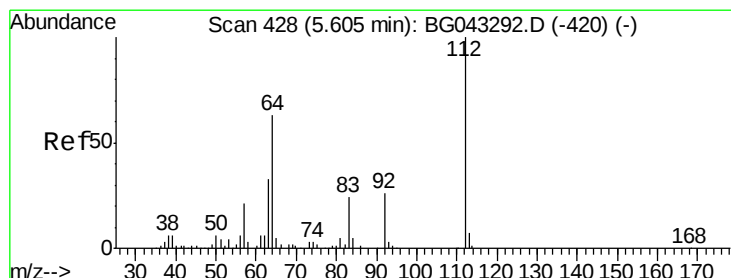
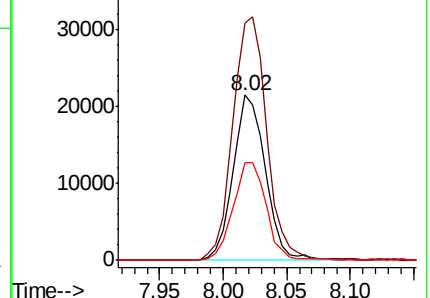
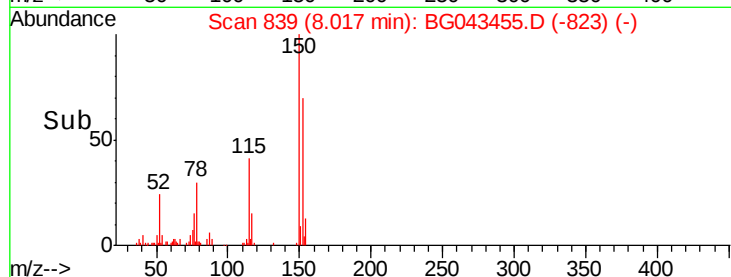
115 58.9 45.9 68.9



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: 142.039 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

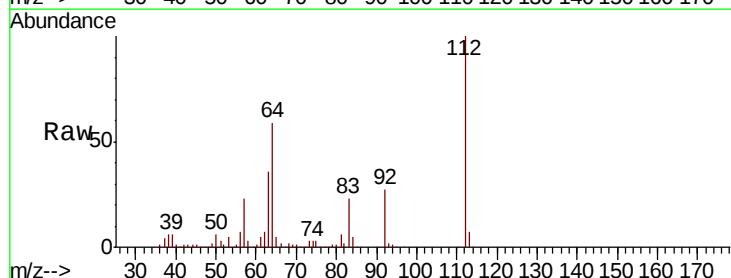
Tgt Ion:112 Resp: 292381

Ion Ratio Lower Upper

112 100

64 59.5 50.2 75.2

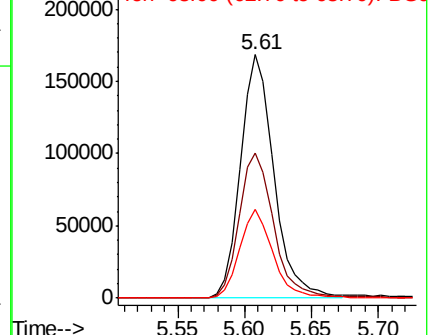
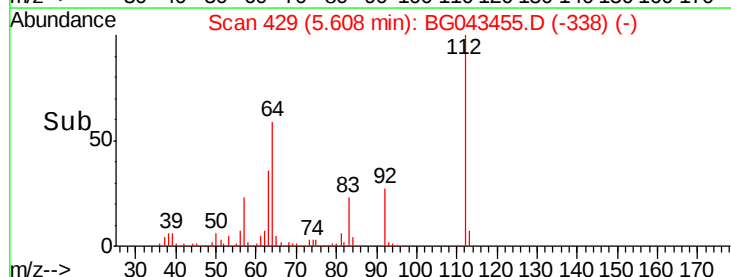
63 36.2 26.7 40.1

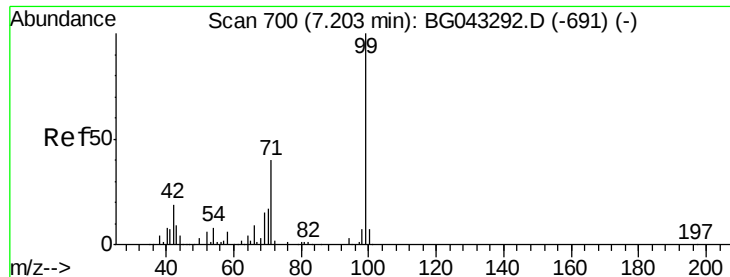


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.507 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

Instrument :

BNA_G

ClientSampleId :

PB124468BL

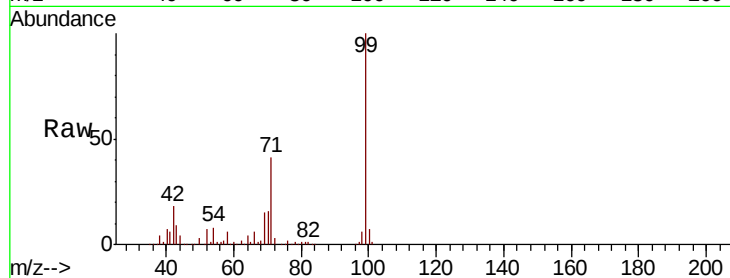
Tot Ion: 99 Resp: 413166

Ion Ratio Lower Upper

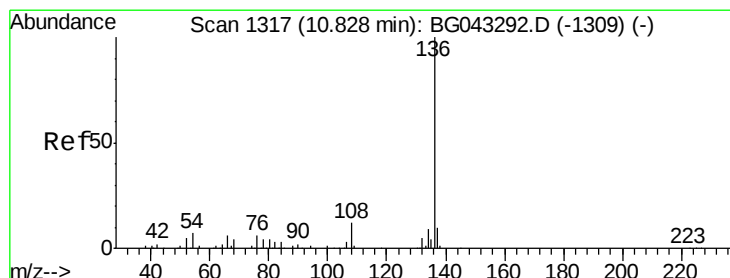
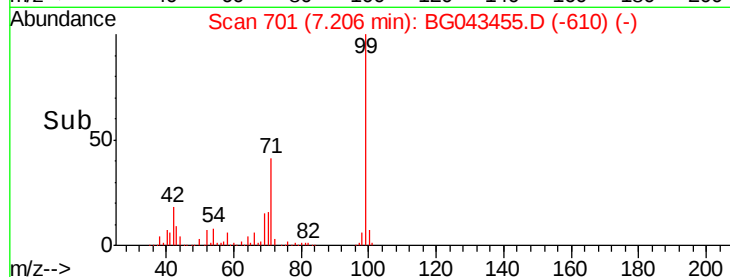
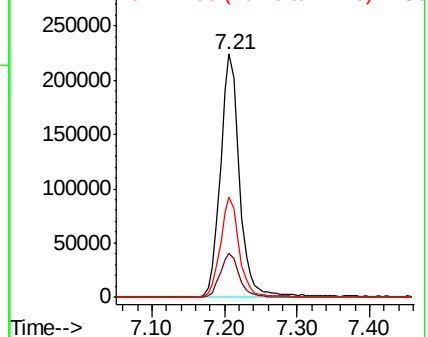
99 100

42 18.0 14.9 22.3

71 41.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

Tgt Ion: 136 Resp: 132080

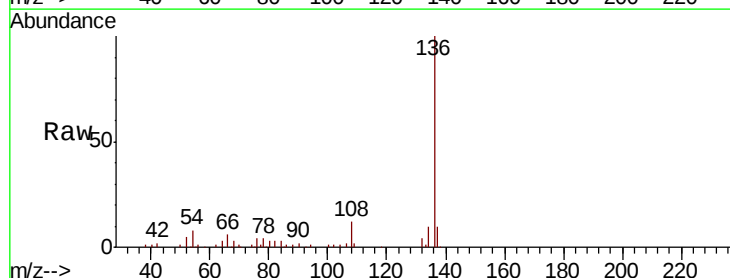
Ion Ratio Lower Upper

136 100

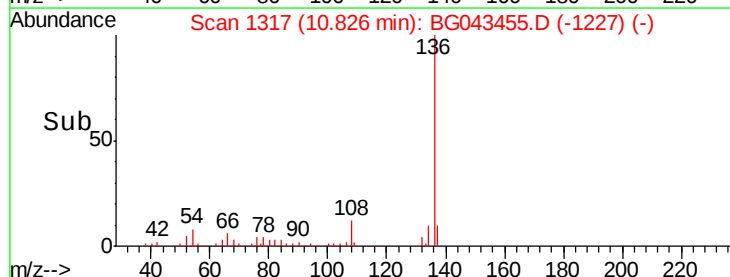
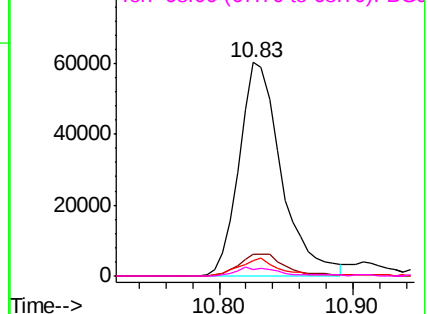
137 10.1 8.2 12.2

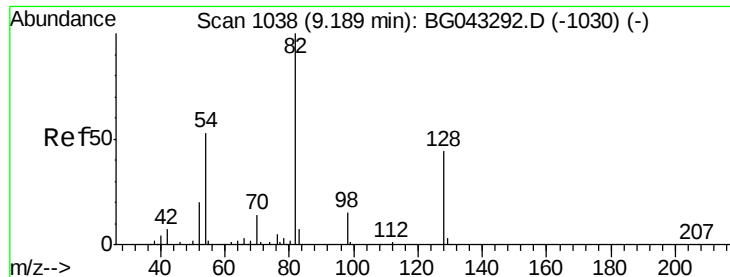
54 7.5 5.4 8.2

68 3.1 3.3 4.9#



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

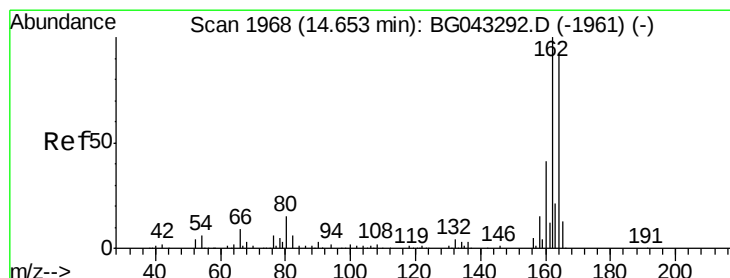
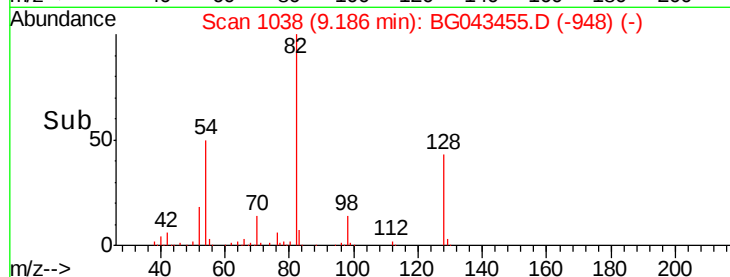
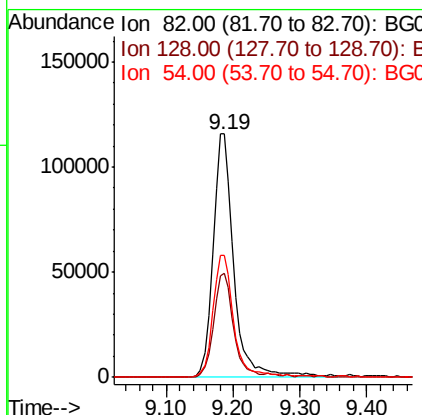
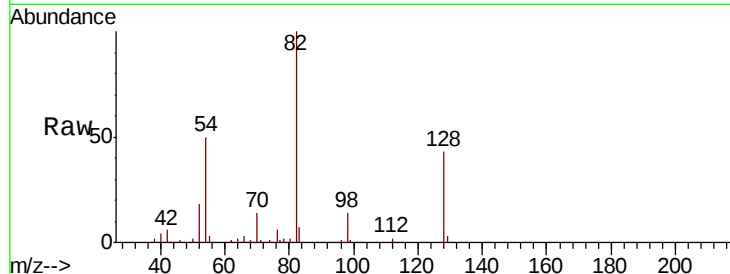




#23
Nitrobenzene-d5
Concen: 98.963 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043455.D
Acq: 1 Nov 2019 6:05

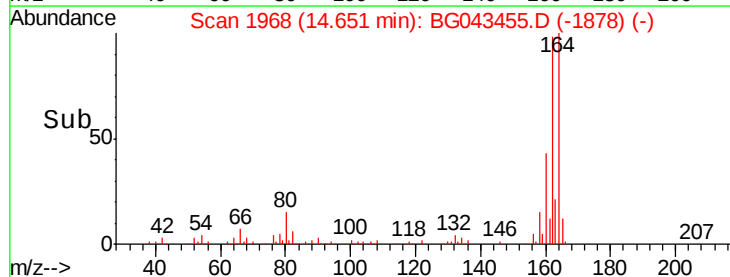
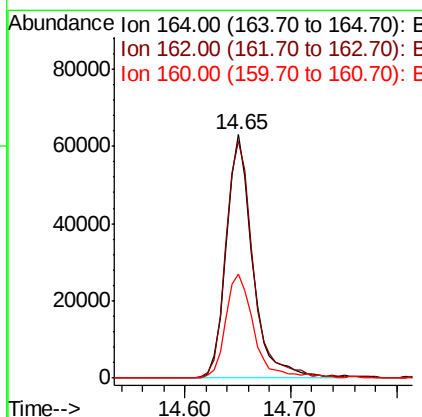
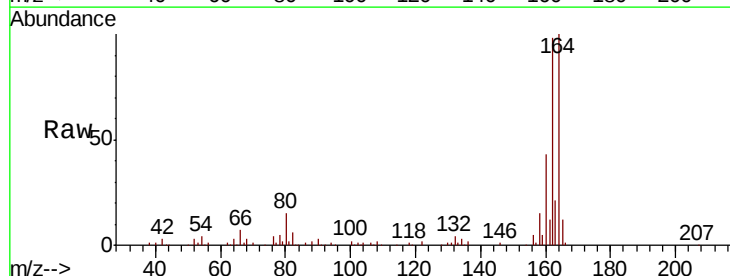
Instrument :
BNA_G
ClientSampleId :
PB124468BL

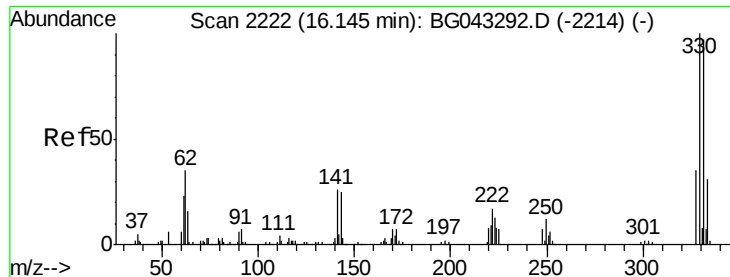
Tot Ion	82	Resp	253539
Ion Ratio	Lower	Upper	
82	100		
128	43.0	35.3	52.9
54	50.0	42.3	63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043455.D
Acq: 1 Nov 2019 6:05

Tgt Ion	164	Resp	108403
Ion Ratio	Lower	Upper	
164	100		
162	97.5	87.0	130.4
160	42.8	35.5	53.3

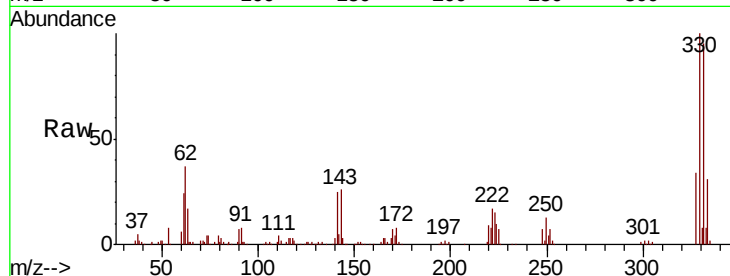




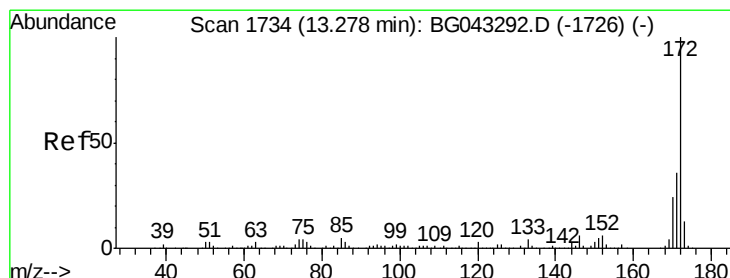
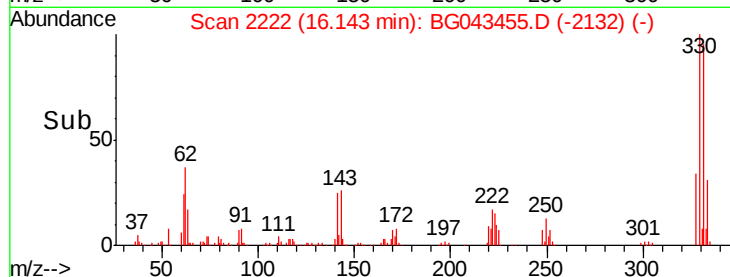
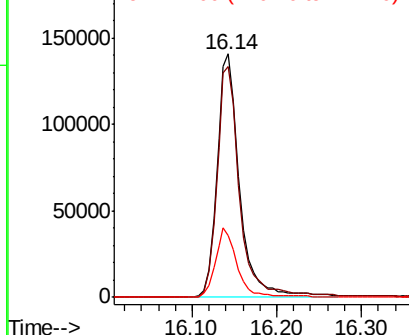
#42
 2,4,6-Tribromophenol
 Concen: 127.144 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043455.D
 Acq: 1 Nov 2019 6:05

Instrument :
 BNA_G
 ClientSampleId :
 PB124468BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.4	114.6
141	27.9	21.4	32.0

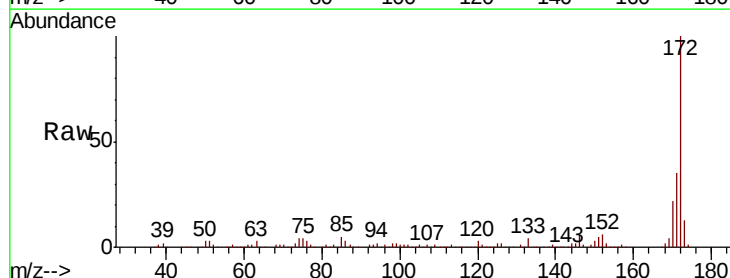


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

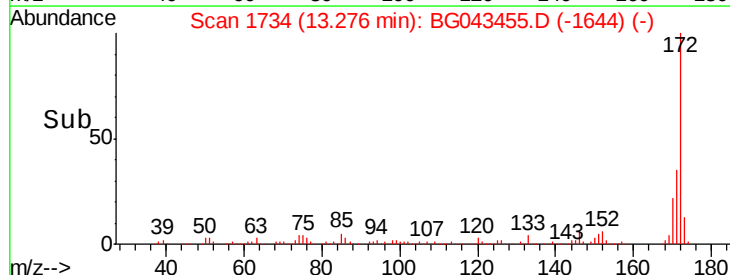
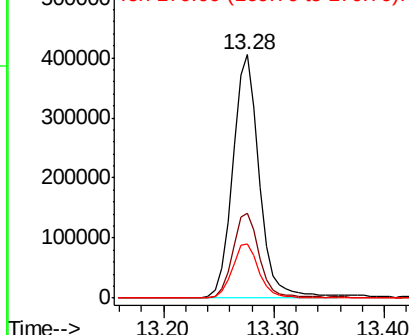


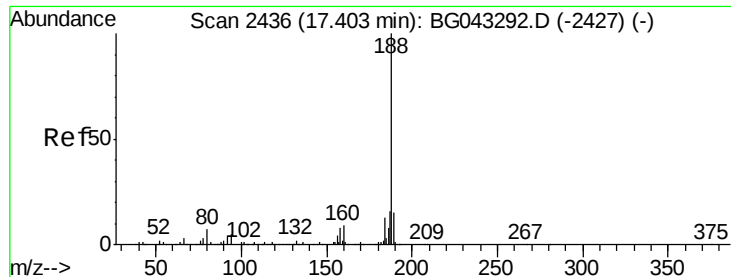
#45
 2-Fluorobiphenyl
 Concen: 87.171 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043455.D
 Acq: 1 Nov 2019 6:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	22.1	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

Instrument :

BNA_G

ClientSampleId :

PB124468BL

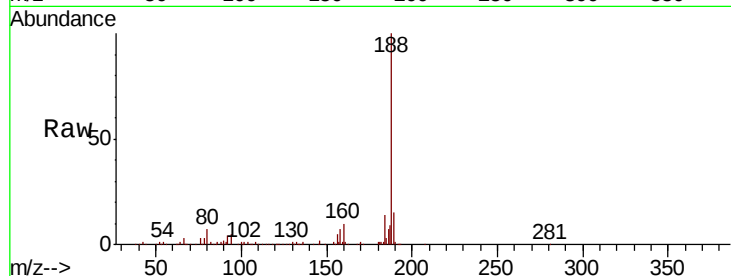
Tot Ion:188 Resp: 260856

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.2

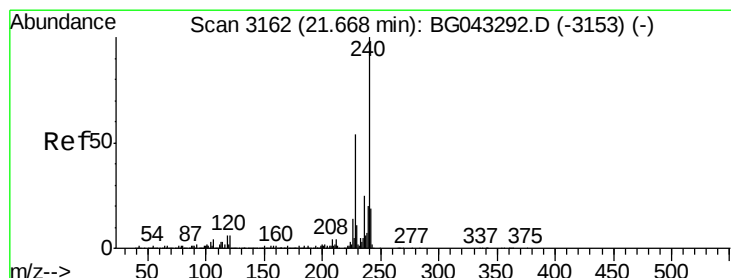
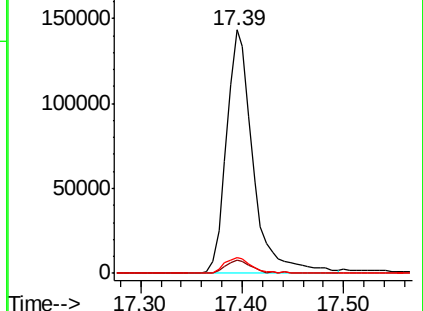
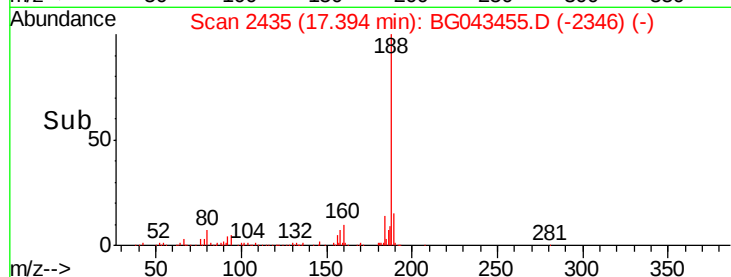
80 6.5 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

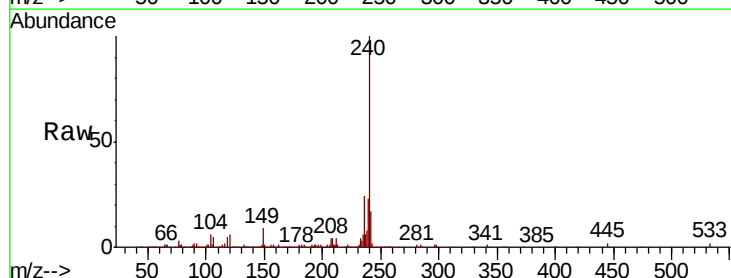
Tgt Ion:240 Resp: 283031

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

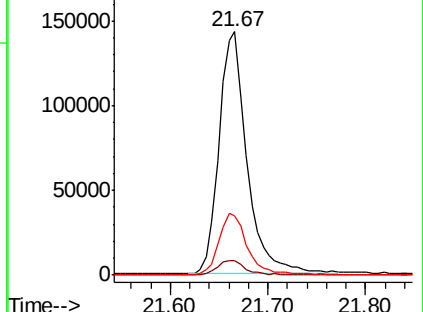
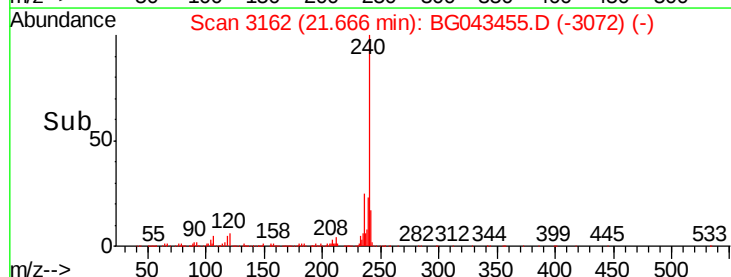
236 24.5 20.2 30.4

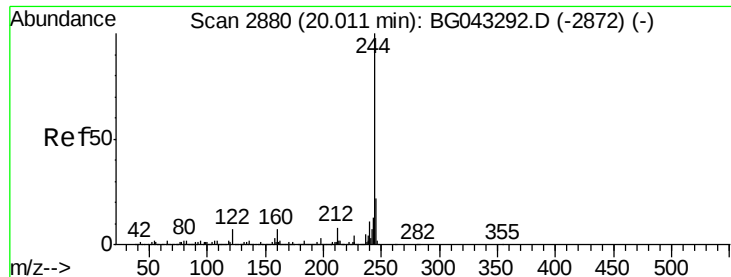


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.729 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

Instrument :

BNA_G

ClientSampled :

PB124468BL

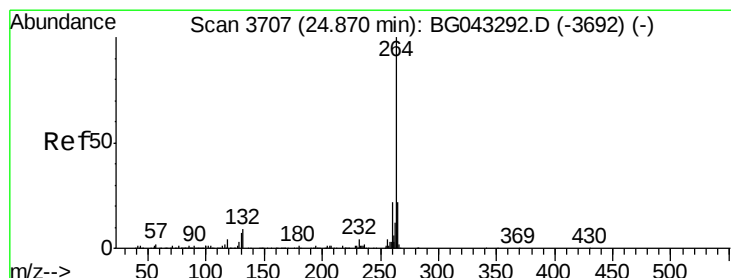
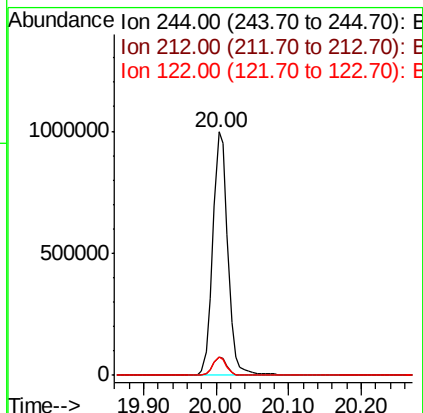
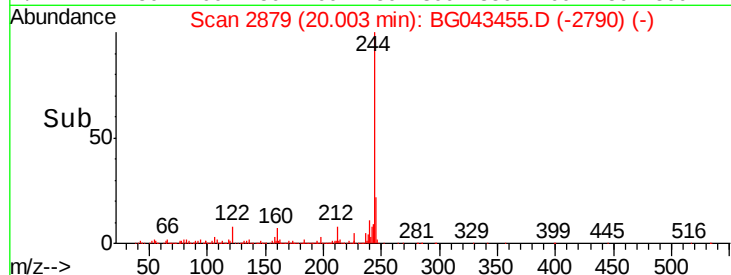
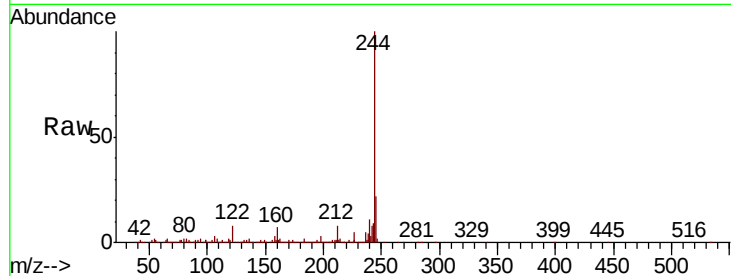
Tot Ion:244 Resp: 1444220

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

122 7.5 5.3 7.9



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

Tgt Ion:264 Resp: 339473

Ion Ratio Lower Upper

264 100

260 24.2 17.9 26.9

265 22.3 17.4 26.2

