

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043713.D
 Acq On : 20 Nov 2019 2:04
 Operator : JU
 Sample : PB124943BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124943BL

Quant Time: Nov 20 04:04:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26928	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	91527	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	73863	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	190092	20.00	ng	0.00
76) Chrysene-d12	21.63	240	208838	20.00	ng	0.00
87) Perylene-d12	24.81	264	241257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	76046	51.75	ng	0.00
7) Phenol-d6	7.18	99	60200	28.47	ng	0.00
23) Nitrobenzene-d5	9.15	82	176035	99.16	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	172642	122.82	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	489562	91.59	ng	0.00
79) Terphenyl-d14	19.98	244	1135659	102.02	ng	0.00

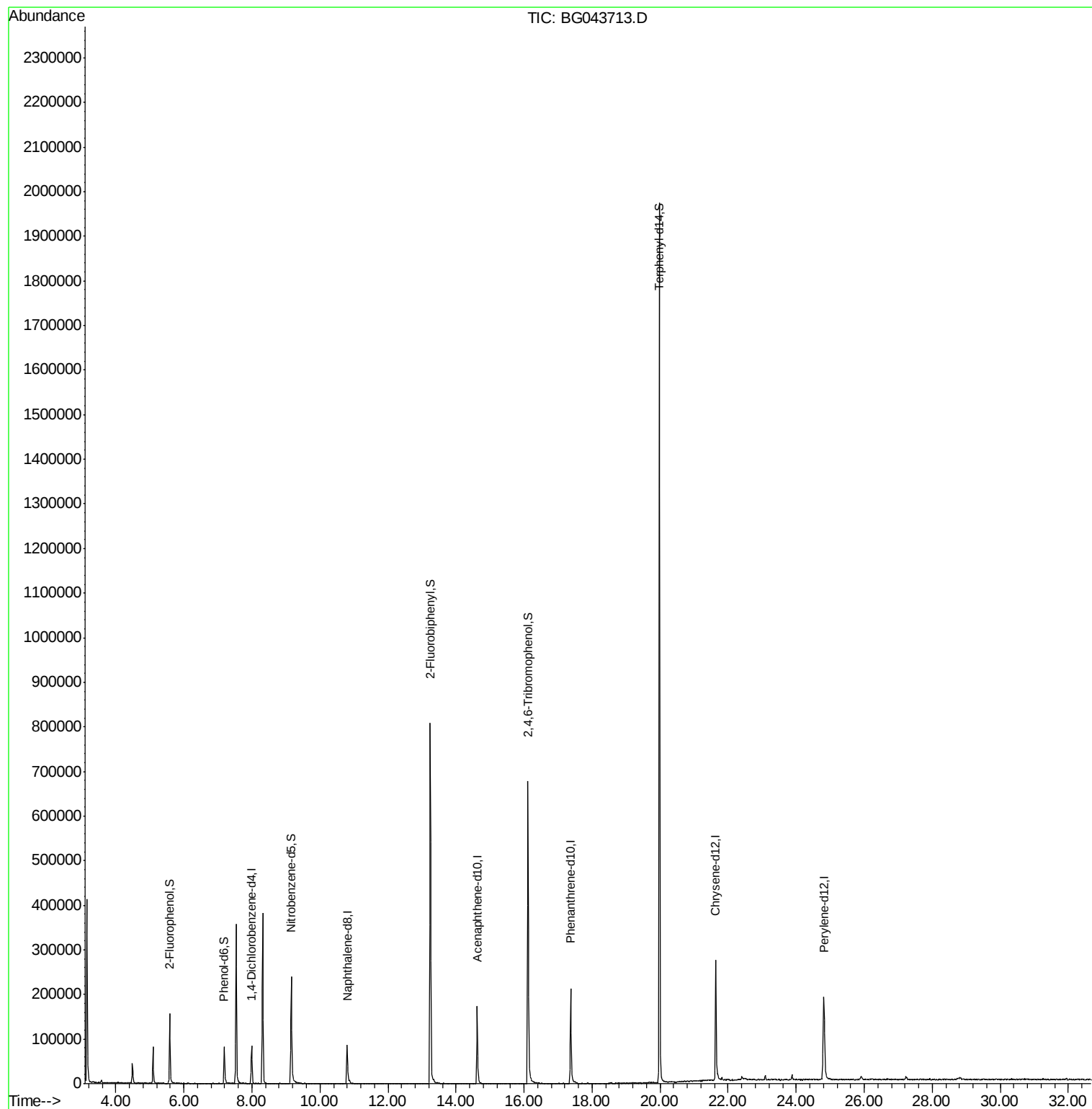
Target Compounds Qvalue

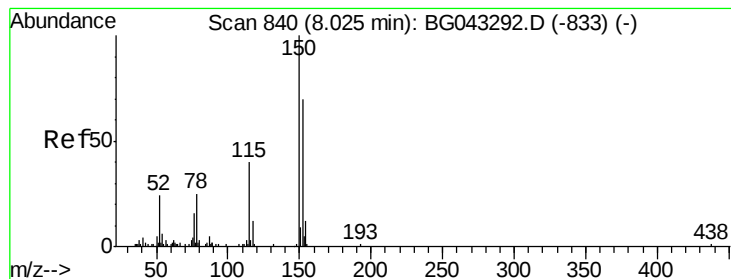
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG043713.D

Acq: 20 Nov 2019 2:04

Instrument :

BNA_G

ClientSampleId :

PB124943BL

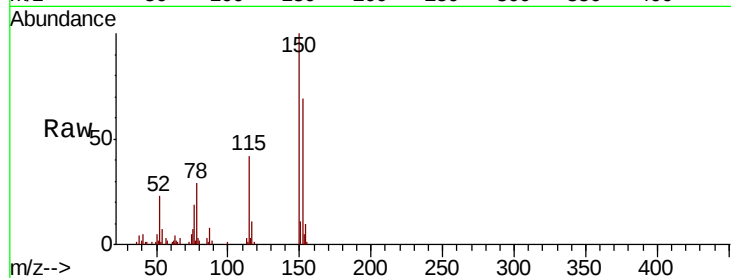
Tot Ion:152 Resp: 26928

Ion Ratio Lower Upper

152 100

150 144.6 116.6 175.0

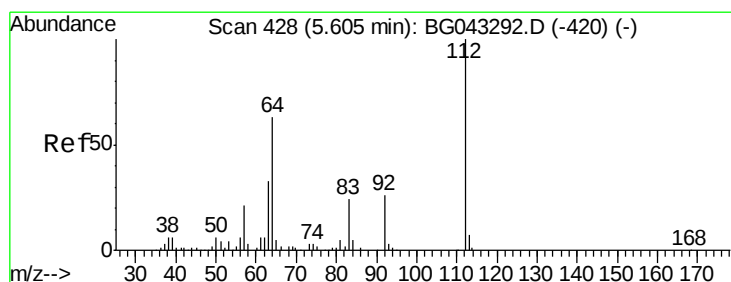
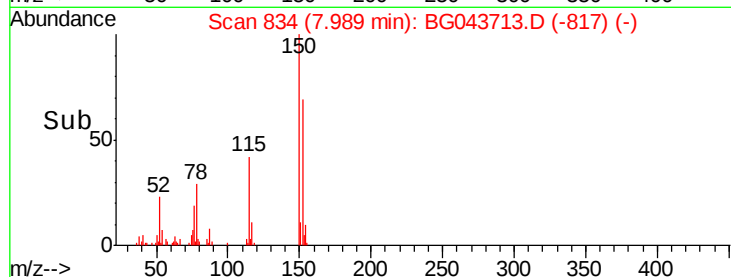
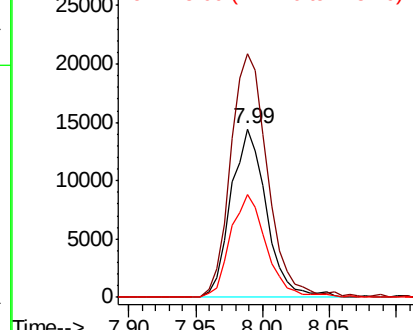
115 61.0 40.5 60.7#



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: 51.749 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG043713.D

Acq: 20 Nov 2019 2:04

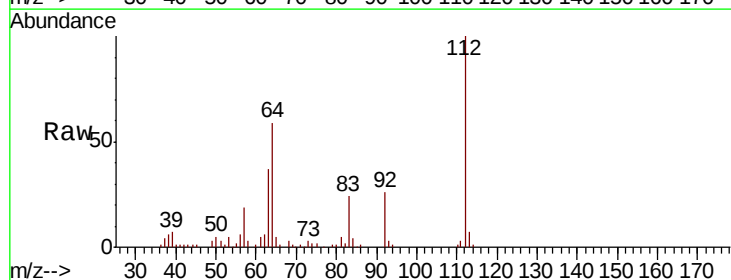
Tgt Ion:112 Resp: 76046

Ion Ratio Lower Upper

112 100

64 58.9 50.6 75.8

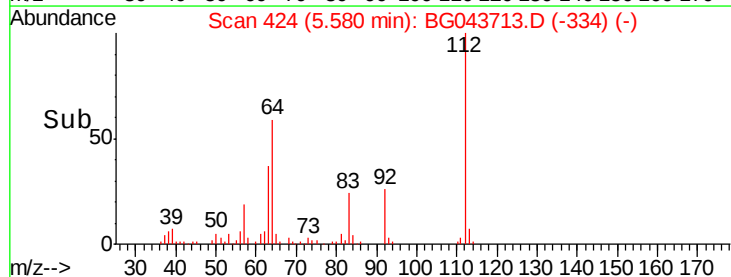
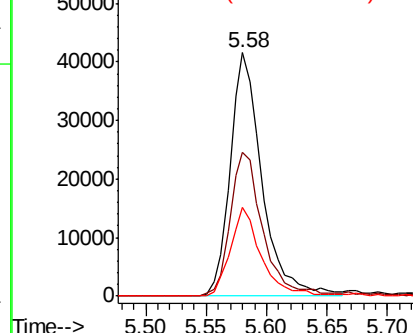
63 36.5 30.5 45.7

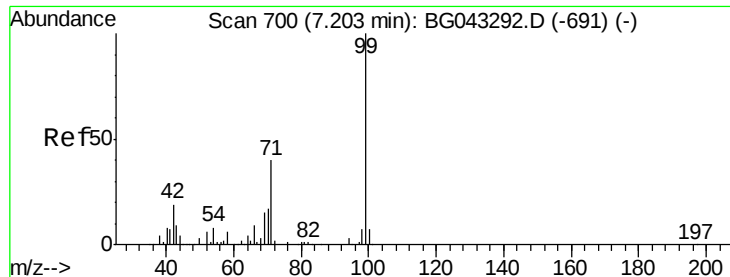


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.473 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043713.D

Acq: 20 Nov 2019 2:04

Instrument :

BNA_G

ClientSampleId :

PB124943BL

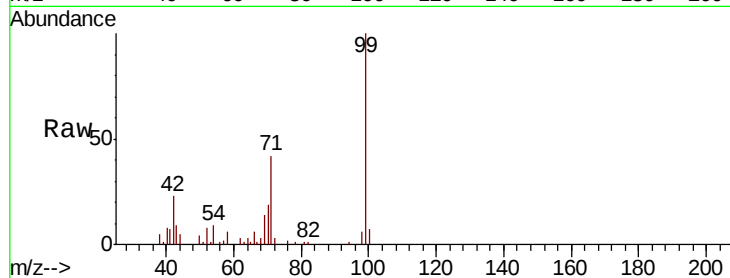
Tot Ion: 99 Resp: 60200

Ion Ratio Lower Upper

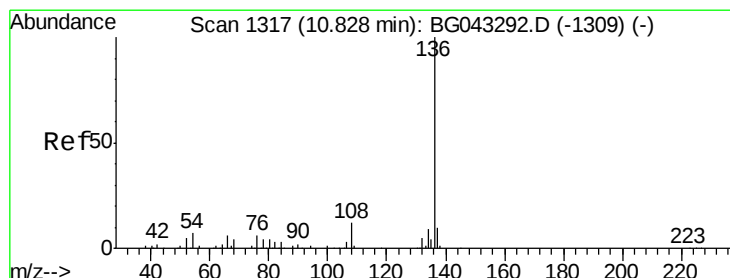
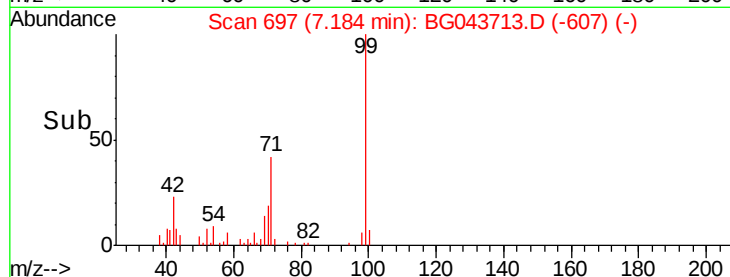
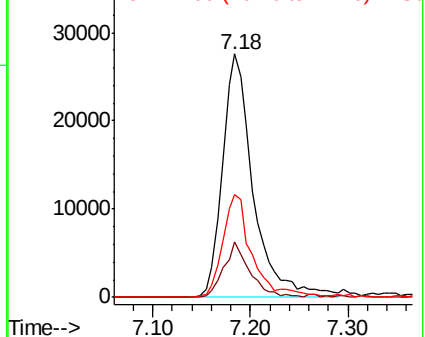
99 100

42 22.8 15.8 23.8

71 42.4 34.4 51.6



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: 10.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BG043713.D

Acq: 20 Nov 2019 2:04

Tgt Ion: 136 Resp: 91527

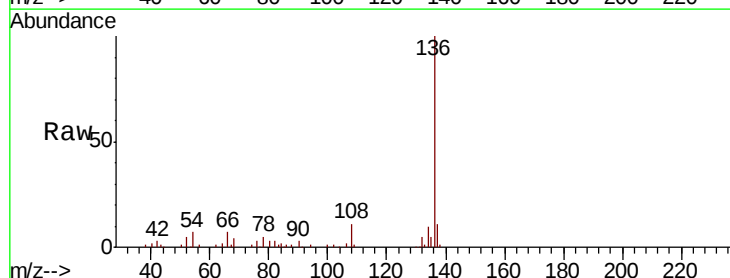
Ion Ratio Lower Upper

136 100

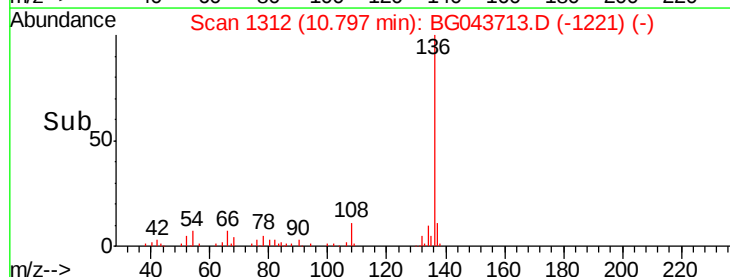
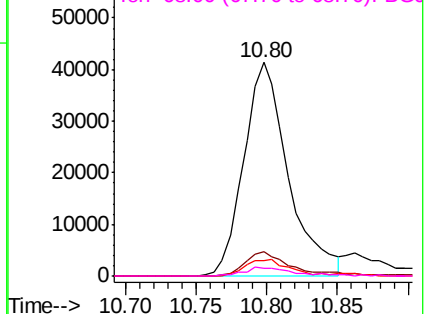
137 11.4 8.8 13.2

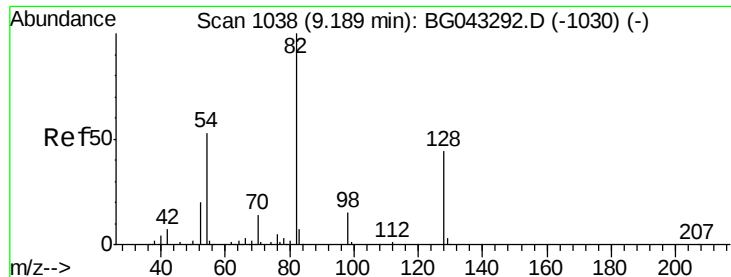
54 7.1 6.2 9.2

68 3.5 3.4 5.0



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

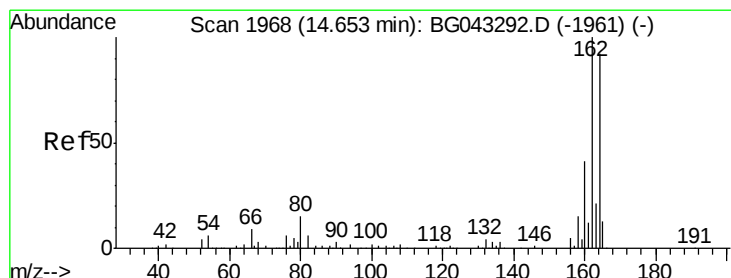
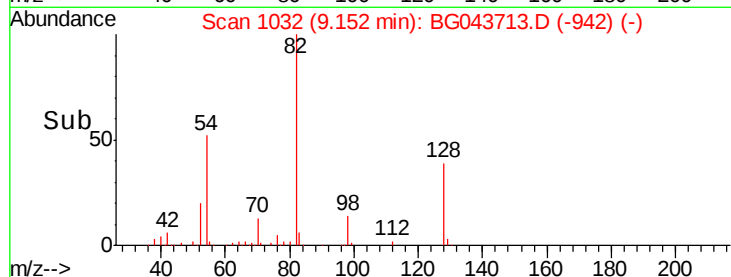
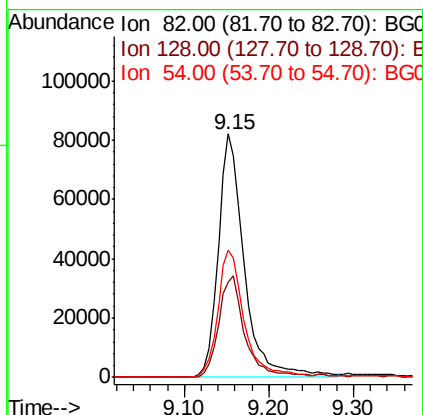
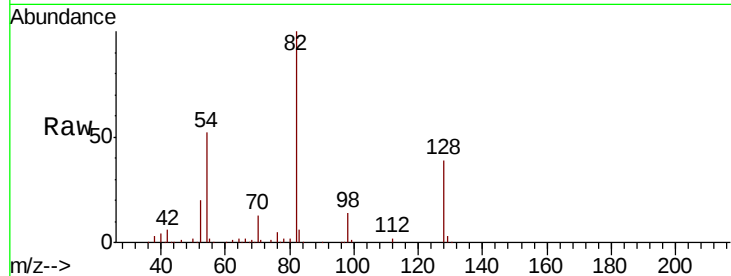




#23
Nitrobenzene-d5
Concen: 99.155 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043713.D
Acq: 20 Nov 2019 2:04

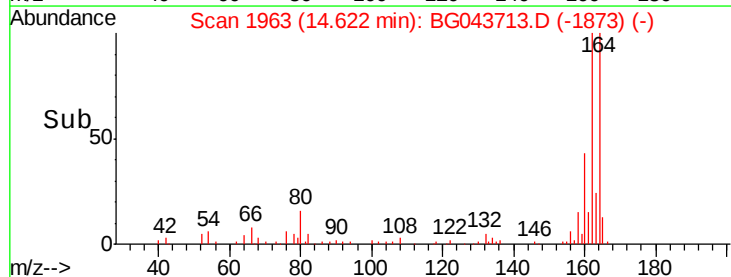
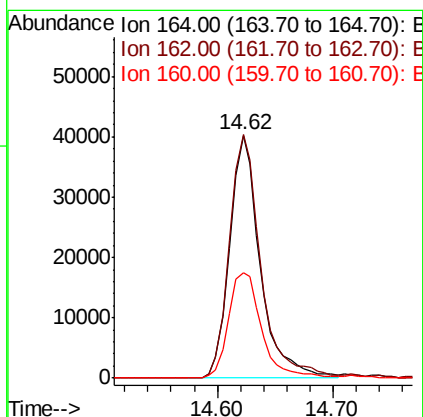
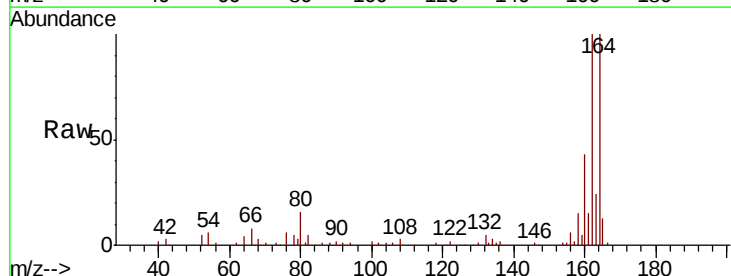
Instrument :
BNA_G
ClientSampleId :
PB124943BL

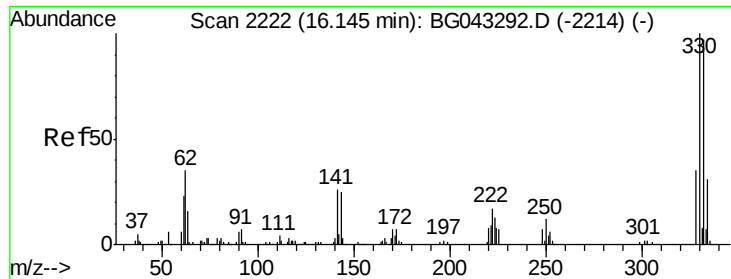
Tot Ion	82	Resp	176035
Ion Ratio	Lower	Upper	
82	100		
128	38.9	34.2	51.4
54	52.3	44.7	67.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043713.D
Acq: 20 Nov 2019 2:04

Tgt Ion	164	Resp	73863
Ion Ratio	Lower	Upper	
164	100		
162	100.2	79.4	119.2
160	43.2	36.3	54.5

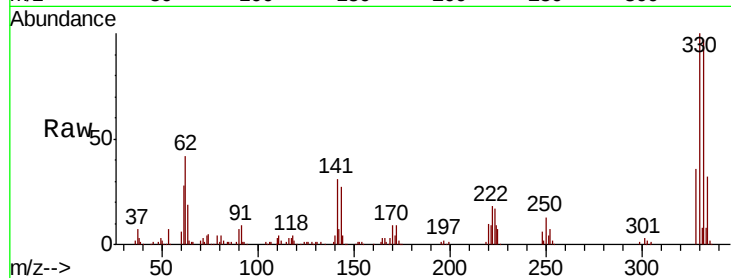




#42
 2,4,6-Tribromophenol
 Concen: 122.823 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG043713.D
 Acq: 20 Nov 2019 2:04

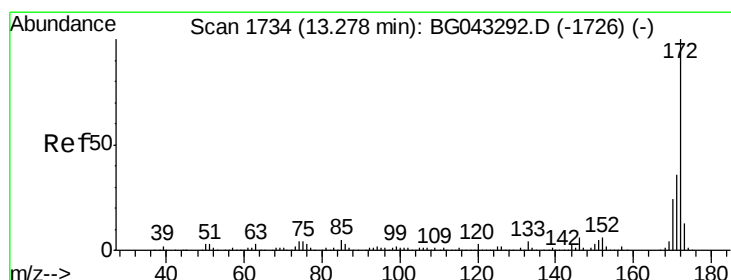
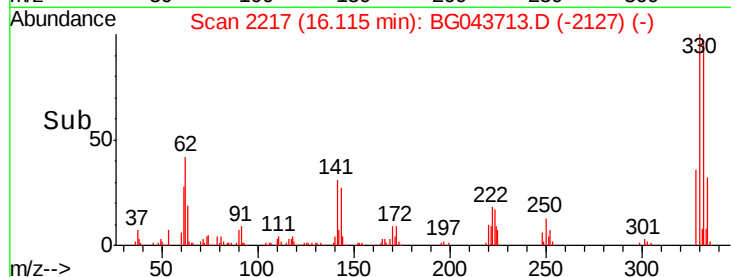
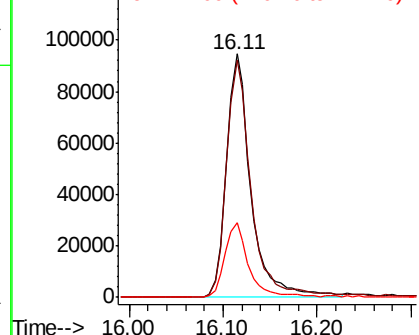
Instrument :
 BNA_G
 ClientSampleId :
 PB124943BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.9	76.6	115.0
141	29.9	23.4	35.2



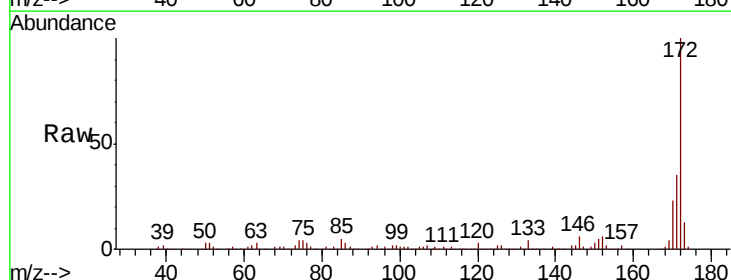
Abundance

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



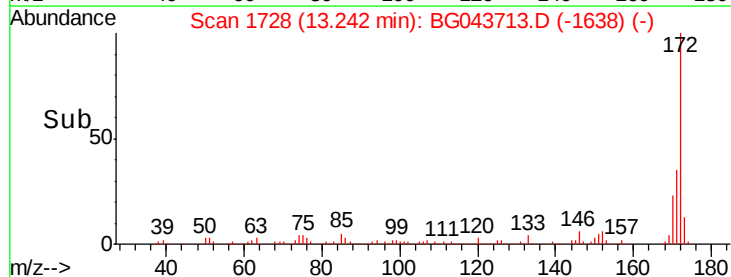
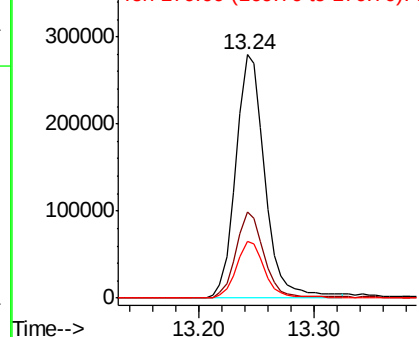
#45
 2-Fluorobiphenyl
 Concen: 91.586 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043713.D
 Acq: 20 Nov 2019 2:04

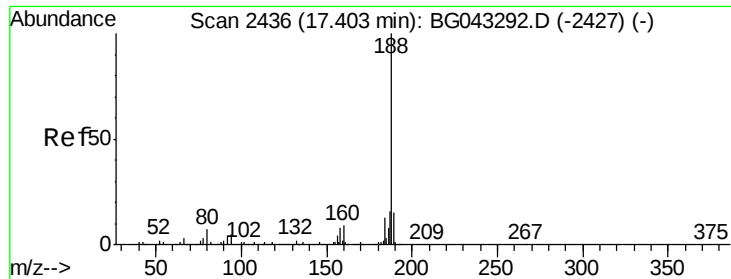
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.4	18.8	28.2



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: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG043713.D

Acq: 20 Nov 2019 2:04

Instrument :

BNA_G

ClientSampleId :

PB124943BL

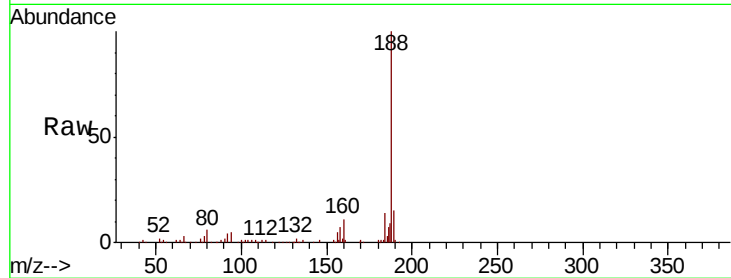
Tot Ion:188 Resp: 190092

Ion Ratio Lower Upper

188 100

94 4.7 4.6 7.0

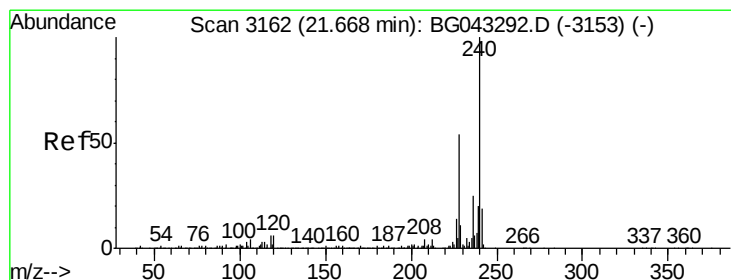
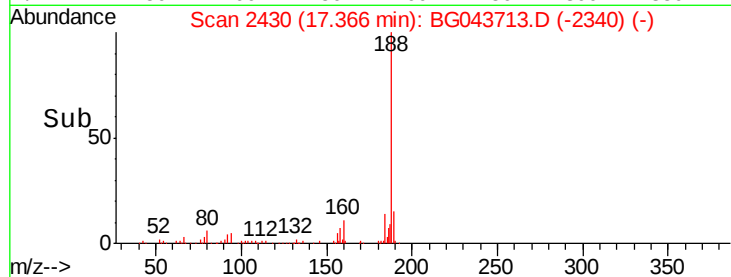
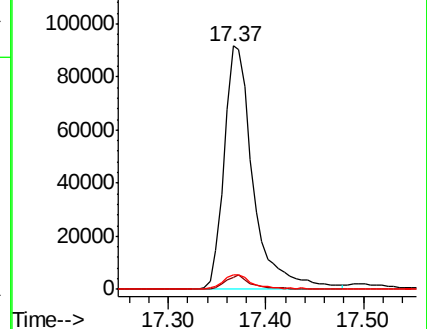
80 6.2 5.2 7.8



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: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043713.D

Acq: 20 Nov 2019 2:04

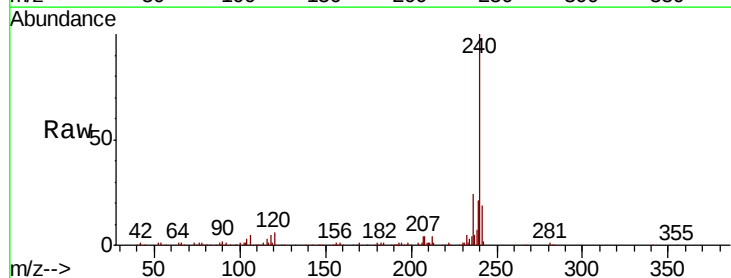
Tgt Ion:240 Resp: 208838

Ion Ratio Lower Upper

240 100

120 5.7 4.9 7.3

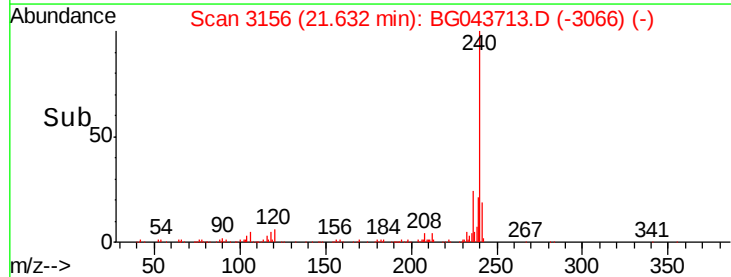
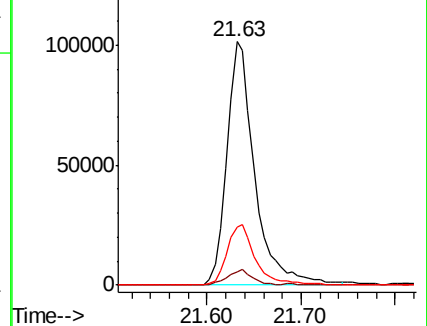
236 24.0 21.4 32.0

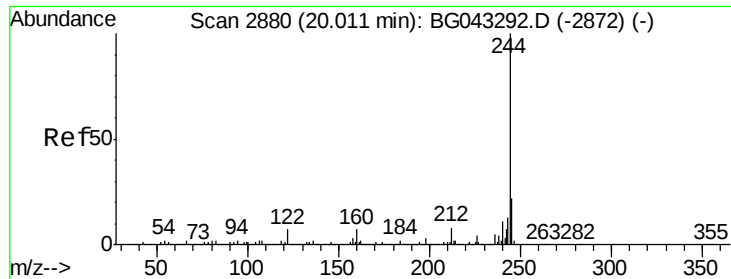


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.020 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043713.D

Acq: 20 Nov 2019 2:04

Instrument :

BNA_G

ClientSampleId :

PB124943BL

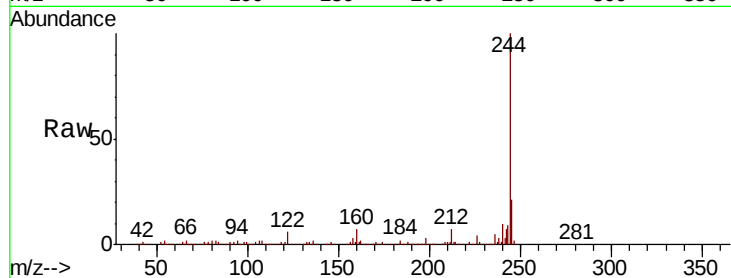
Tot Ion:244 Resp: 1135659

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

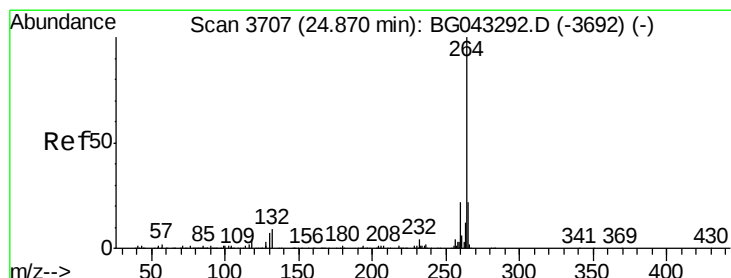
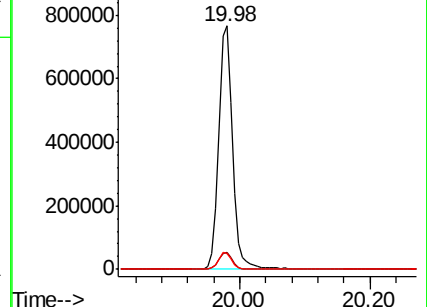
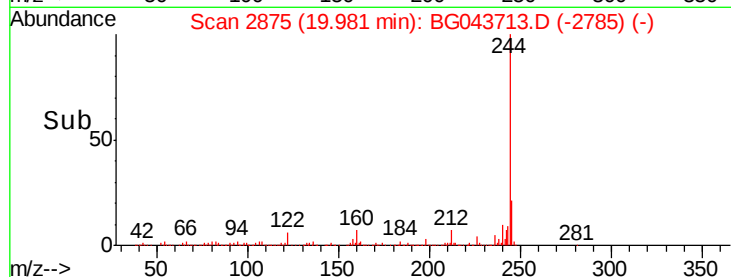
122 6.4 5.2 7.8



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: 24.81 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG043713.D

Acq: 20 Nov 2019 2:04

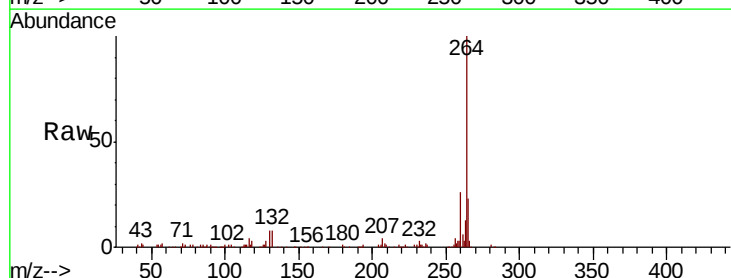
Tgt Ion:264 Resp: 241257

Ion Ratio Lower Upper

264 100

260 26.1 18.4 27.6

265 22.6 15.8 23.8



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

