

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043675.D
 Acq On : 18 Nov 2019 16:17
 Operator : JU
 Sample : PB124780BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BL

Quant Time: Nov 19 01:48:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	25004	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	86604	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	64286	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	159676	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	189644	20.00	ng	-0.02
87) Perylene-d12	24.82	264	218897	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	91134	66.79	ng	0.00
7) Phenol-d6	7.19	99	75350	38.38	ng	0.00
23) Nitrobenzene-d5	9.16	82	150354	89.50	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	158960	129.94	ng	-0.02
45) 2-Fluorobiphenyl	13.25	172	447441	96.18	ng	-0.02
79) Terphenyl-d14	19.98	244	1028389	101.73	ng	-0.02

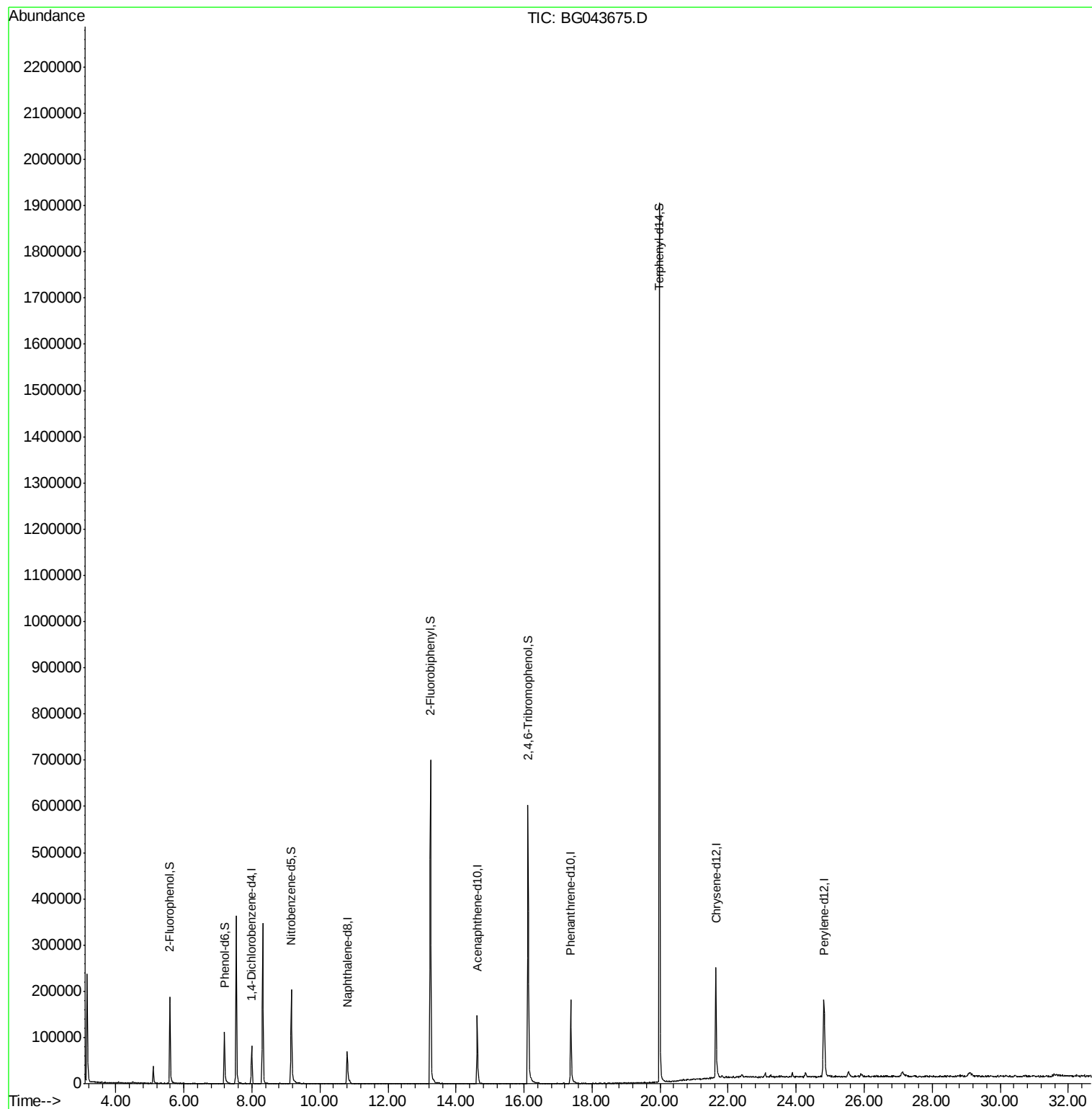
Target Compounds Qvalue

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

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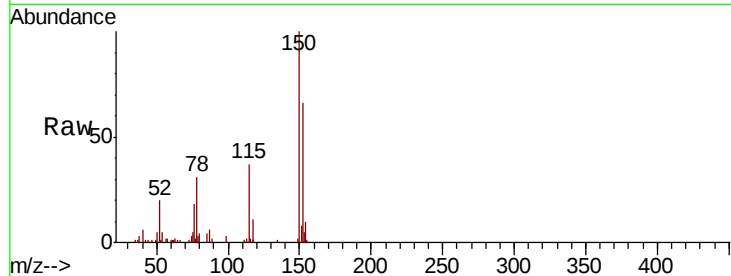


#1

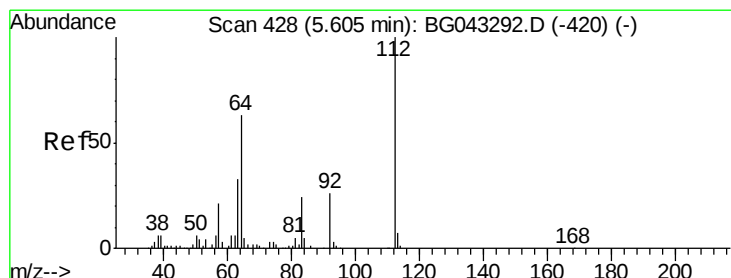
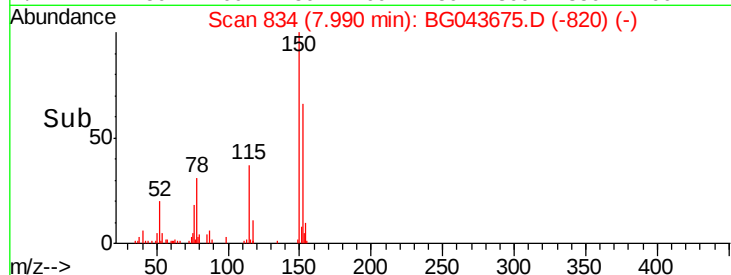
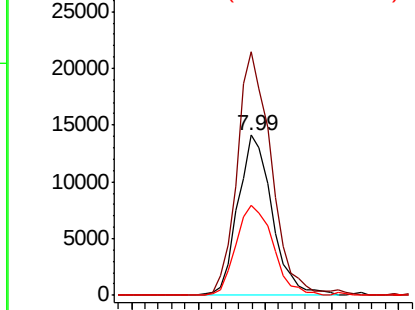
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043675.D
Acq: 18 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
PB124780BL

Tot Ion:152 Resp: 25004
Ion Ratio Lower Upper
152 100
150 151.8 129.4 194.0
115 56.2 48.8 73.2



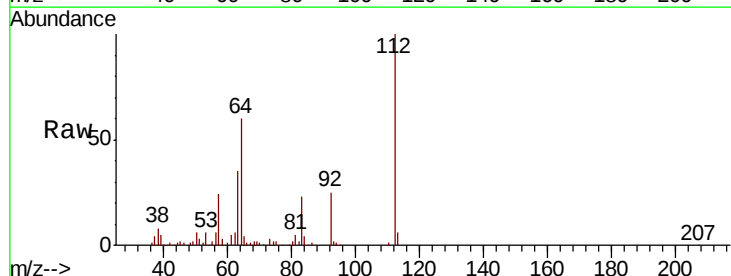
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



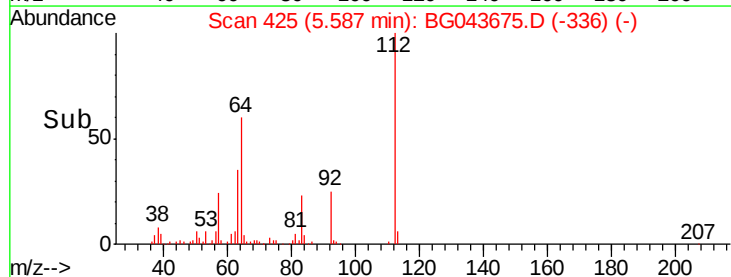
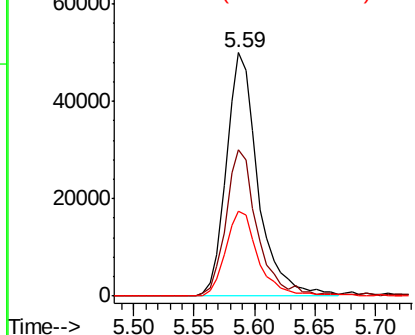
#5

2-Fluorophenol
Concen: 66.789 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043675.D
Acq: 18 Nov 2019 16:17

Tgt Ion:112 Resp: 91134
Ion Ratio Lower Upper
112 100
64 60.2 50.0 75.0
63 34.8 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 38.381 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043675.D

Acq: 18 Nov 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB124780BL

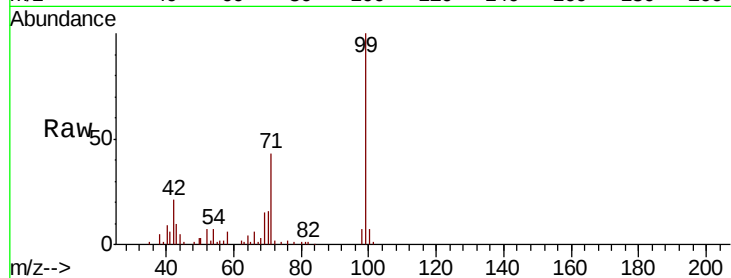
Tot Ion: 99 Resp: 75350

Ion Ratio Lower Upper

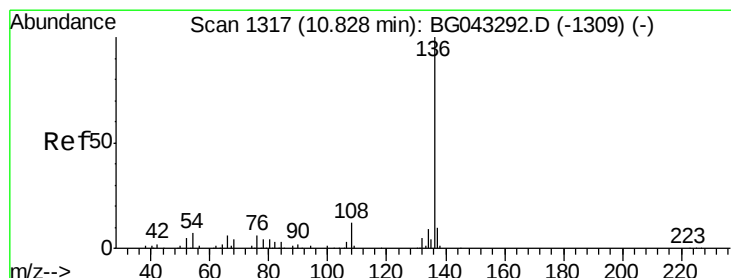
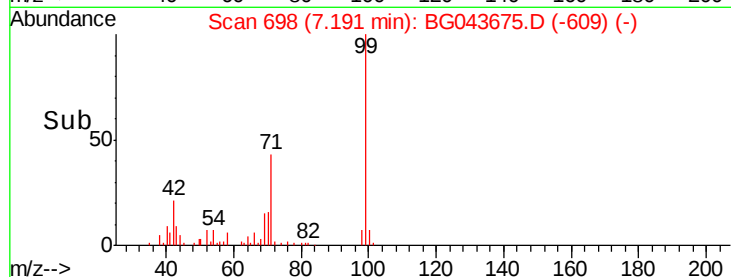
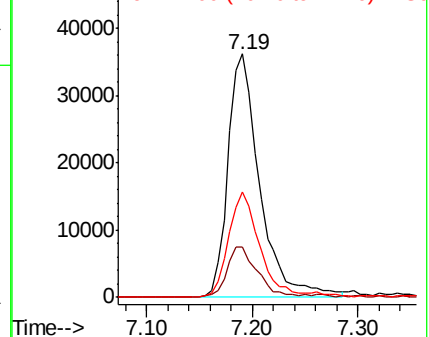
99 100

42 20.7 14.6 21.8

71 43.3 32.5 48.7



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. -0.02 min

Lab File: BG043675.D

Acq: 18 Nov 2019 16:17

Tgt Ion: 136 Resp: 86604

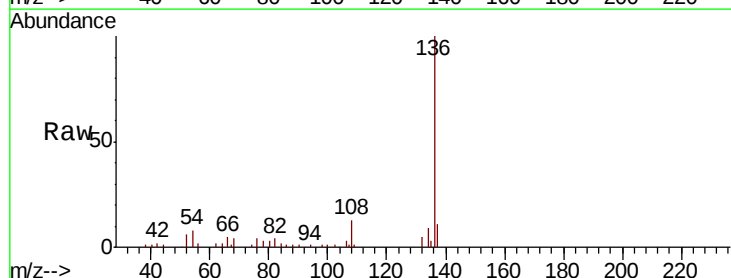
Ion Ratio Lower Upper

136 100

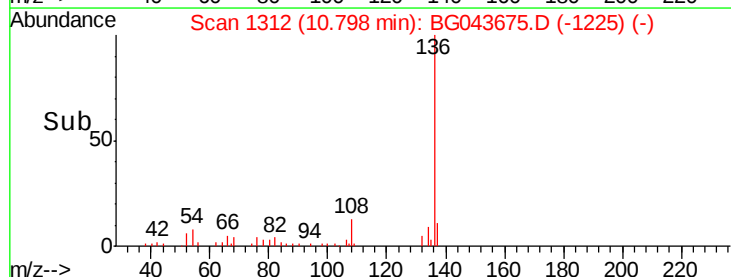
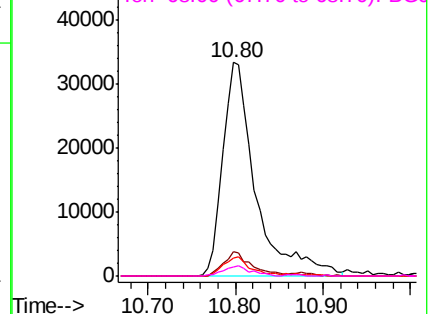
137 11.5 8.7 13.1

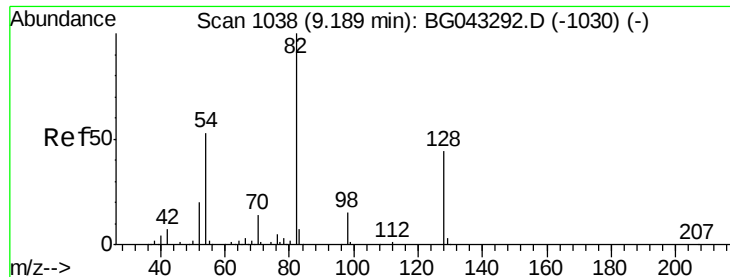
54 8.2 5.4 8.2

68 3.9 3.0 4.4



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

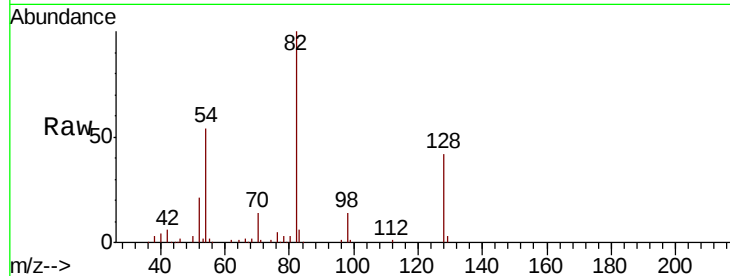




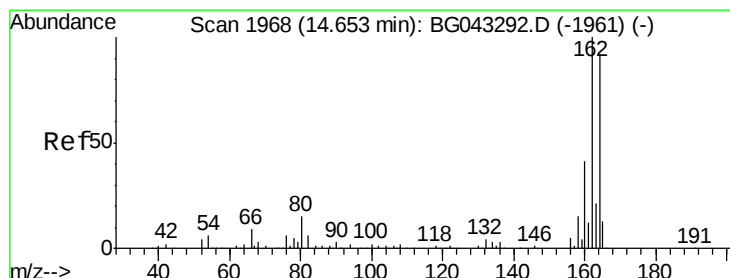
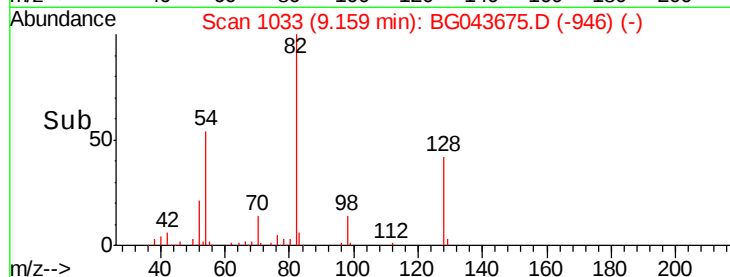
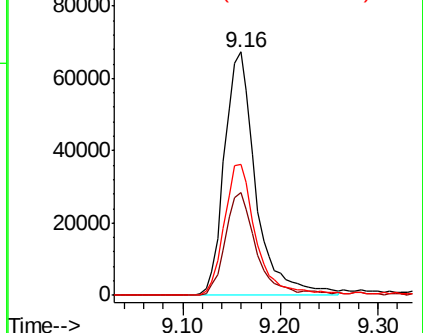
#23
Nitrobenzene-d5
Concen: 89.504 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043675.D
Acq: 18 Nov 2019 16:17

Instrument :
BNA_G
ClientSampled :
PB124780BL

Tot Ion: 82 Resp: 150354
Ion Ratio Lower Upper
82 100
128 42.4 35.0 52.6
54 53.5 40.2 60.2

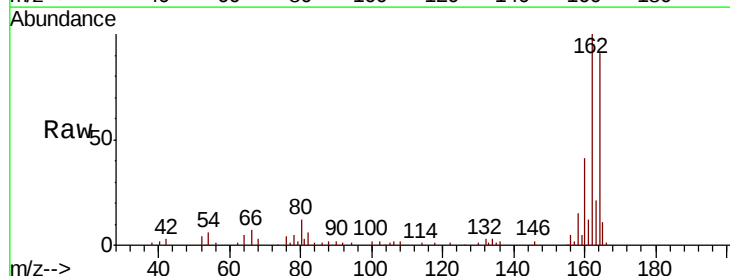


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

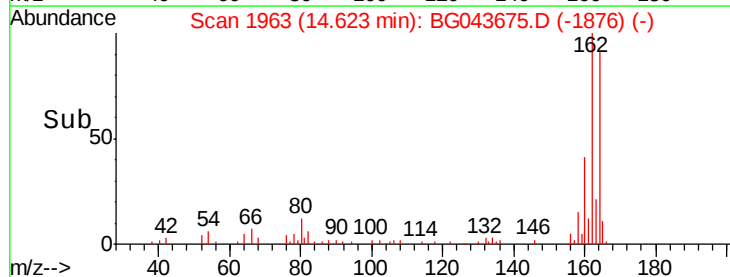
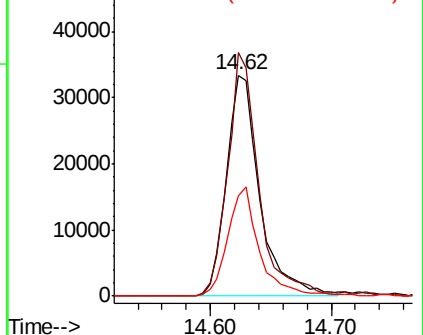


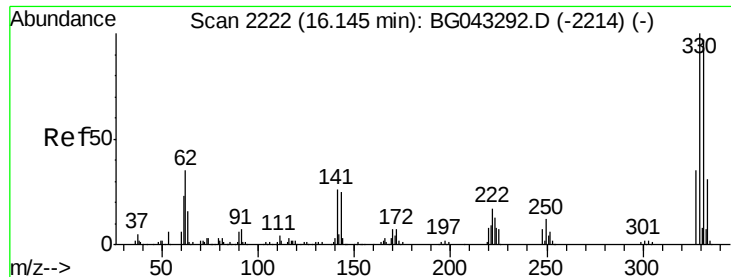
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043675.D
Acq: 18 Nov 2019 16:17

Tgt Ion:164 Resp: 64286
Ion Ratio Lower Upper
164 100
162 110.2 83.5 125.3
160 45.5 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

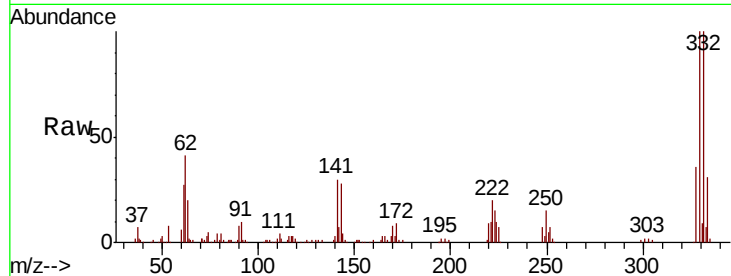




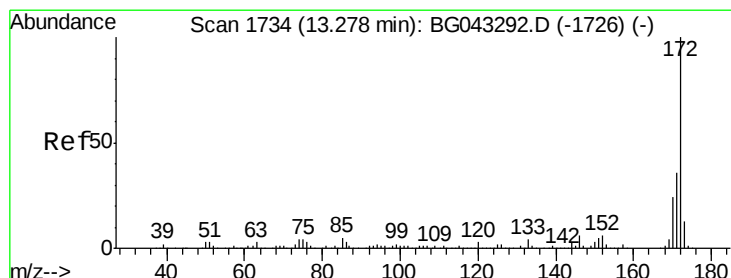
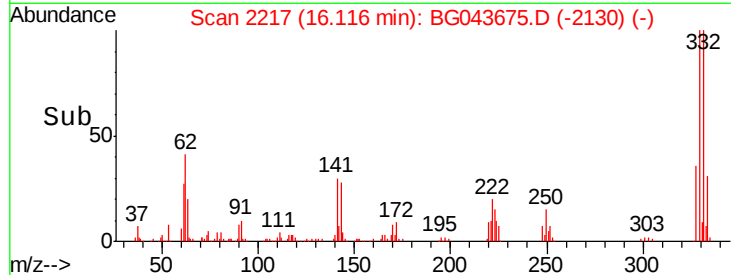
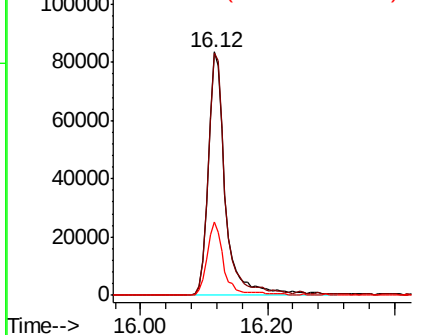
#42
 2,4,6-Tribromophenol
 Concen: 129.937 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BG043675.D
 Acq: 18 Nov 2019 16:17

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.0
141	27.8	22.8	34.2

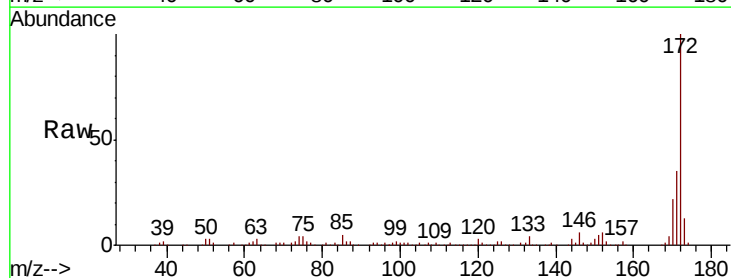


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

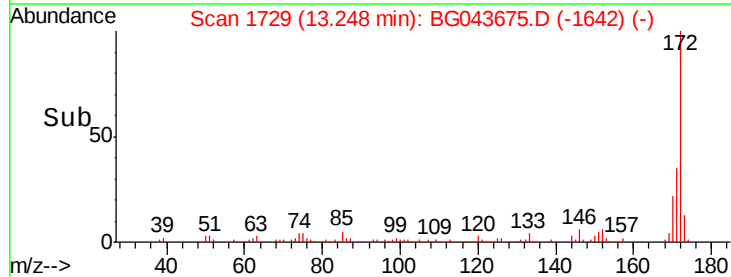
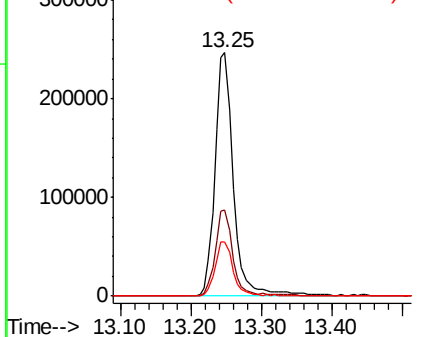


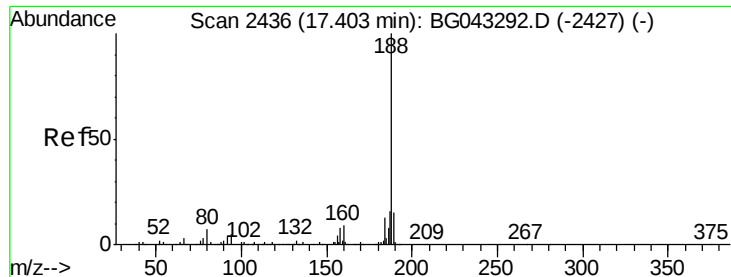
#45
 2-Fluorobiphenyl
 Concen: 96.176 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043675.D
 Acq: 18 Nov 2019 16:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	22.1	18.5	27.7



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# 2431

Delta R.T. -0.02 min

Lab File: BG043675.D

Acq: 18 Nov 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB124780BL

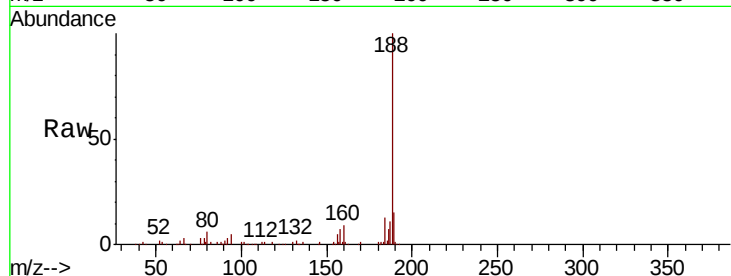
Tot Ion:188 Resp: 159676

Ion Ratio Lower Upper

188 100

94 4.6 4.2 6.4

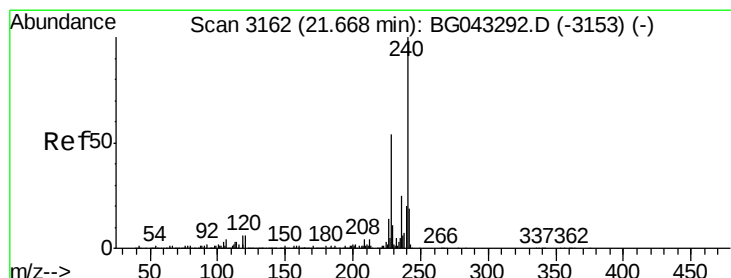
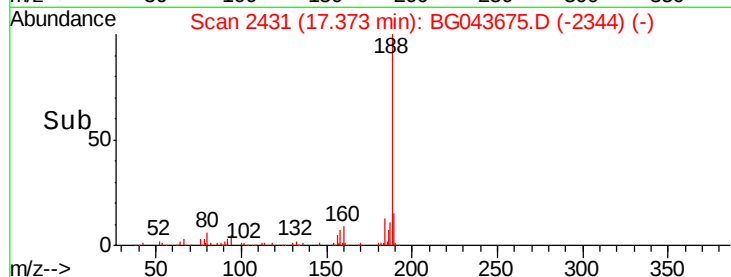
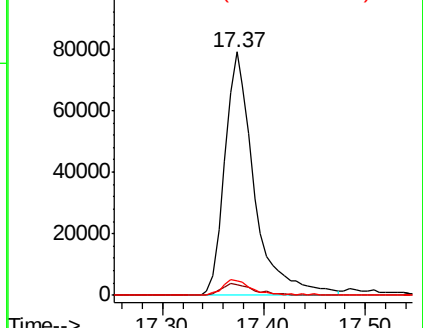
80 5.9 4.5 6.7



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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043675.D

Acq: 18 Nov 2019 16:17

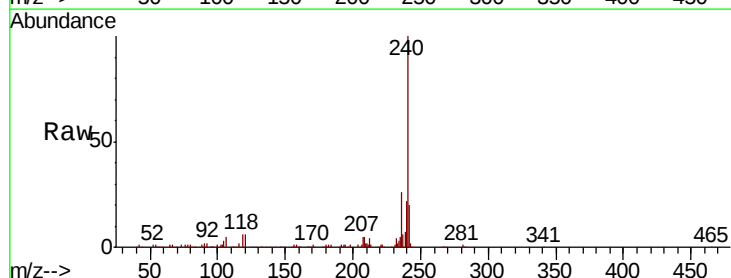
Tgt Ion:240 Resp: 189644

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

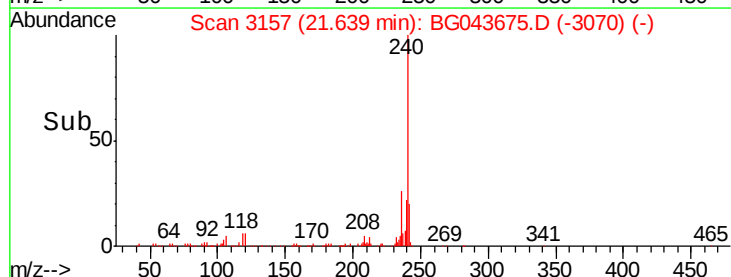
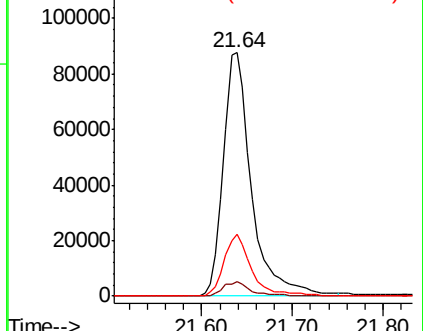
236 25.6 19.8 29.8

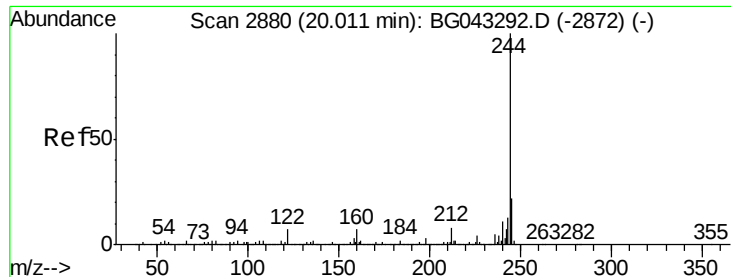


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.734 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043675.D

Acq: 18 Nov 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB124780BL

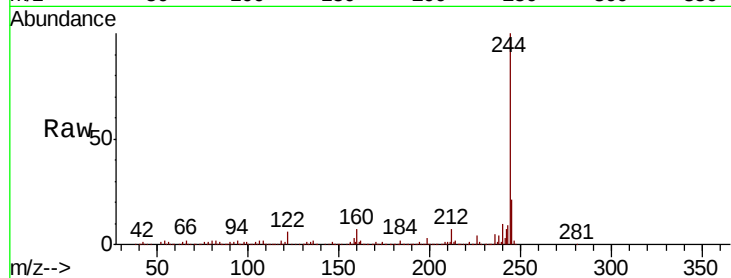
Tot Ion:244 Resp: 1028389

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

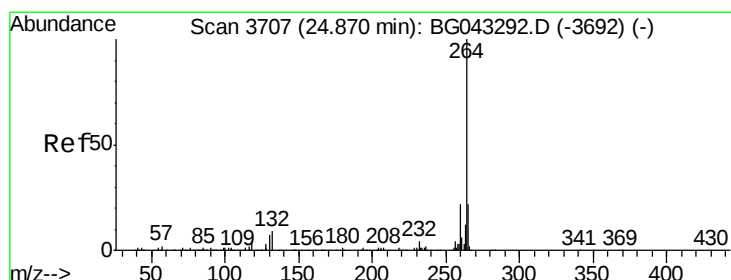
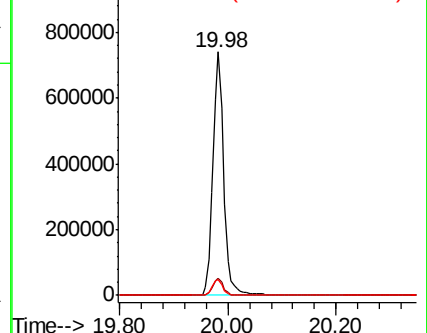
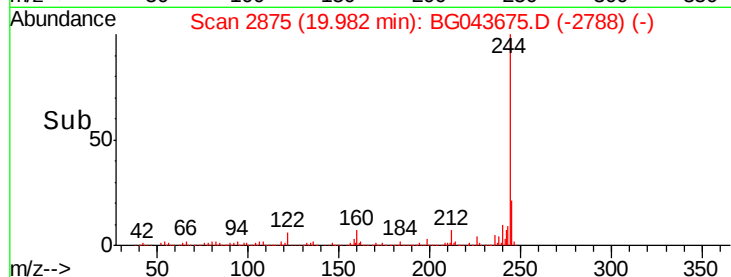
122 6.4 5.4 8.2



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: 24.82 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043675.D

Acq: 18 Nov 2019 16:17

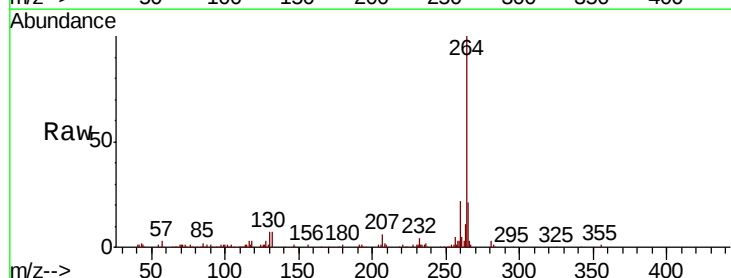
Tgt Ion:264 Resp: 218897

Ion Ratio Lower Upper

264 100

260 22.4 17.5 26.3

265 20.6 17.4 26.0



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

