

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043674.D
 Acq On : 18 Nov 2019 15:38
 Operator : JU
 Sample : PB124785BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BL

Quant Time: Nov 19 01:46:19 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	8.00	152	24948	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	87954	20.00	ng	-0.01
39) Acenaphthene-d10	14.62	164	66102	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	157635	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	190175	20.00	ng	-0.02
87) Perylene-d12	24.82	264	215802	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	94401	69.34	ng	0.00
7) Phenol-d6	7.19	99	79113	40.39	ng	0.00
23) Nitrobenzene-d5	9.16	82	155924	91.40	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	151392	120.35	ng	-0.02
45) 2-Fluorobiphenyl	13.25	172	448905	93.84	ng	-0.02
79) Terphenyl-d14	19.98	244	1034953	102.10	ng	-0.02

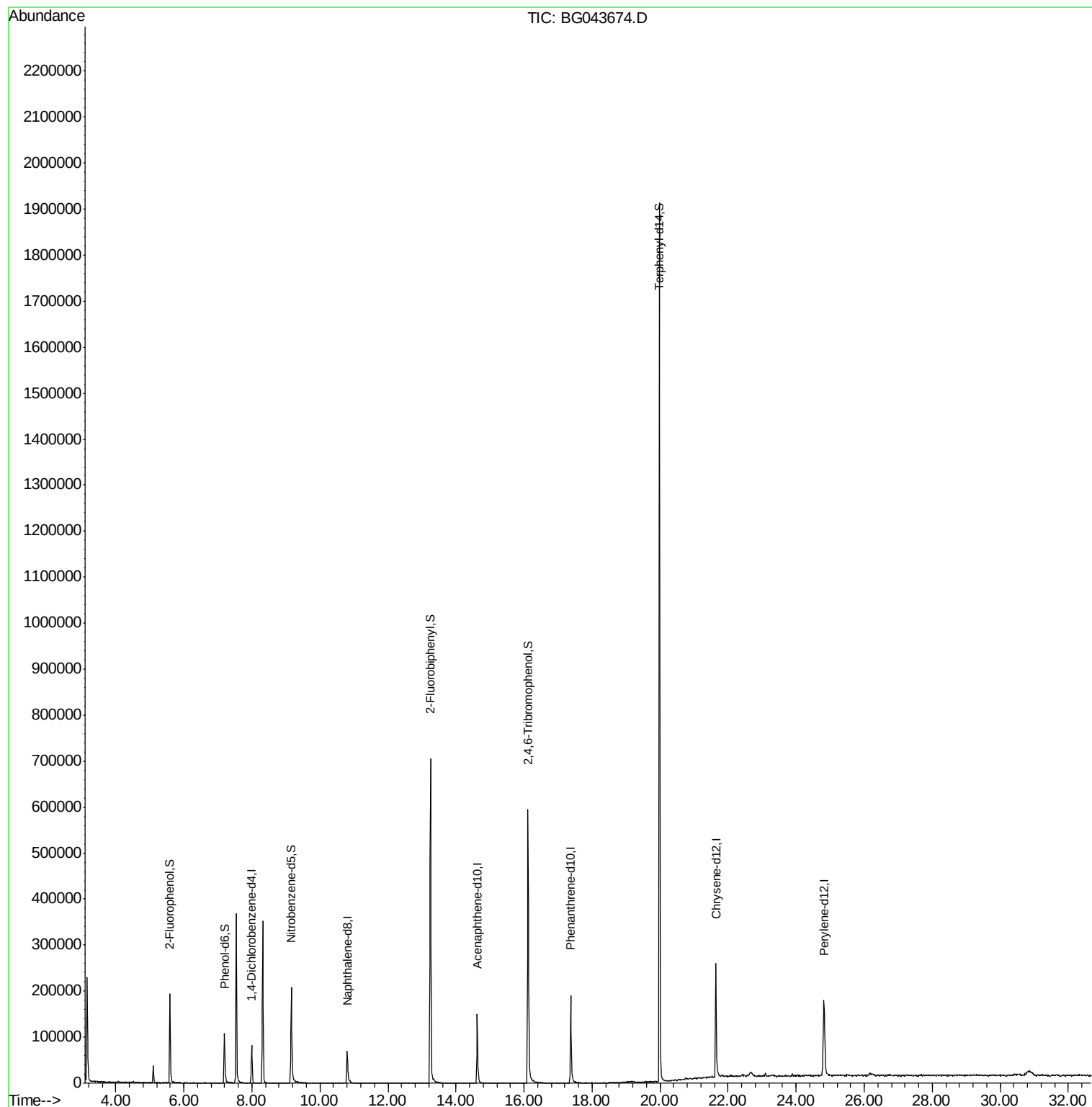
Target Compounds Qvalue

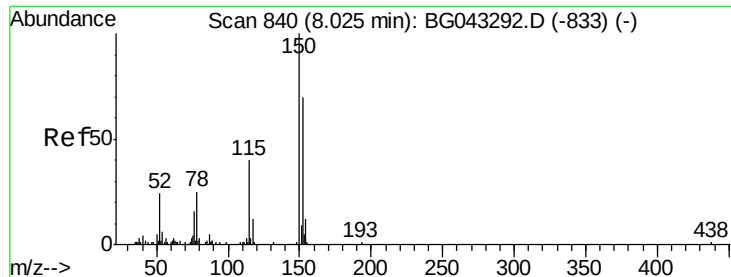
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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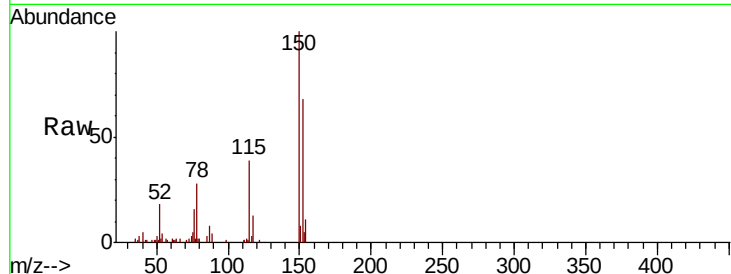


#1

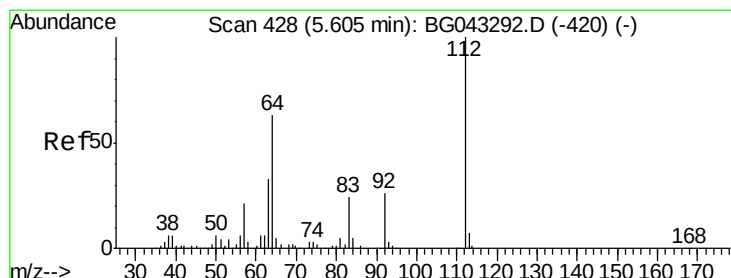
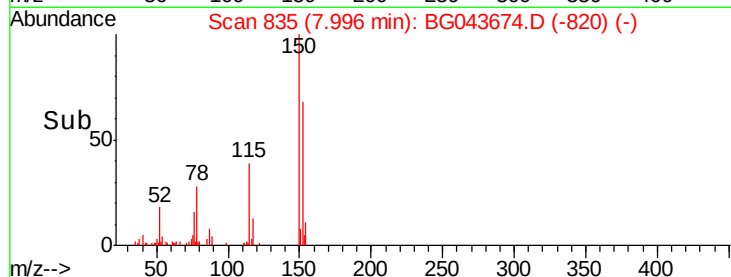
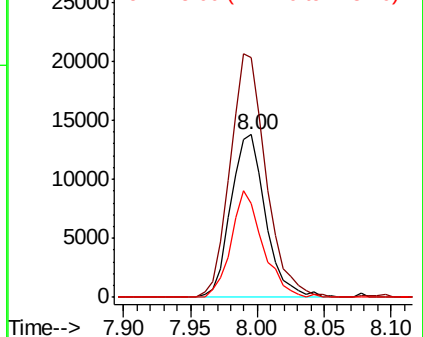
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043674.D
Acq: 18 Nov 2019 15:38

Instrument :
BNA_G
ClientSampleId :
PB124785BL

Tot Ion:152 Resp: 24948
Ion Ratio Lower Upper
152 100
150 147.8 129.4 194.0
115 58.0 48.8 73.2



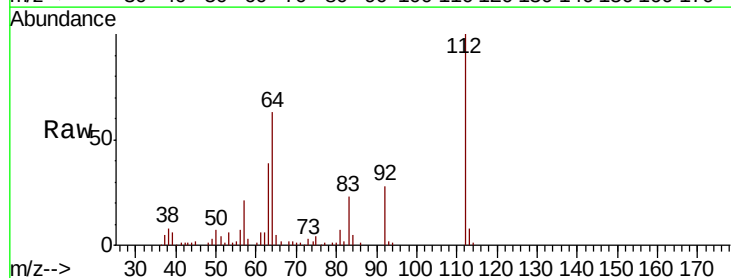
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



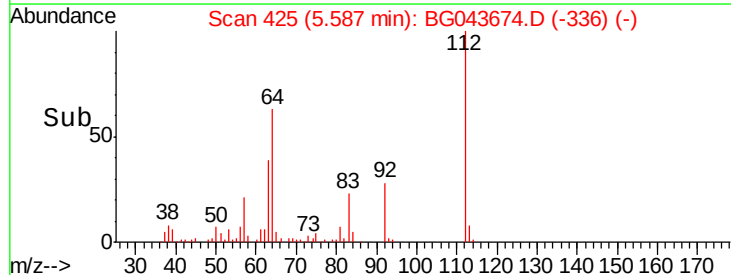
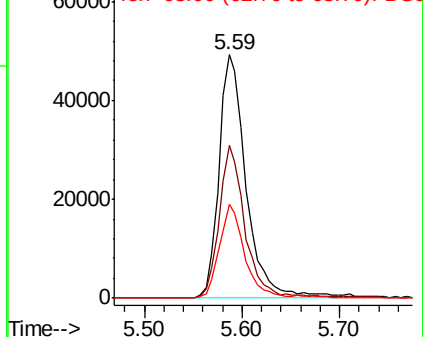
#5

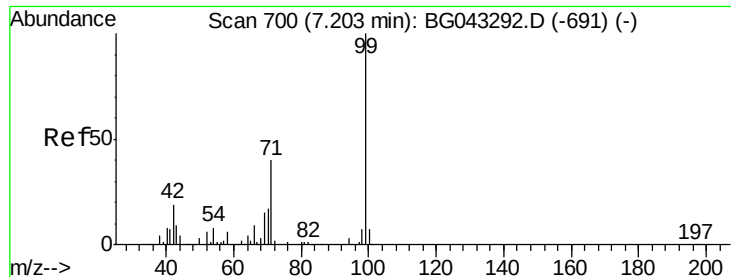
2-Fluorophenol
Concen: 69.338 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043674.D
Acq: 18 Nov 2019 15:38

Tgt Ion:112 Resp: 94401
Ion Ratio Lower Upper
112 100
64 62.5 50.0 75.0
63 38.7 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: 40.388 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043674.D

Acq: 18 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB124785BL

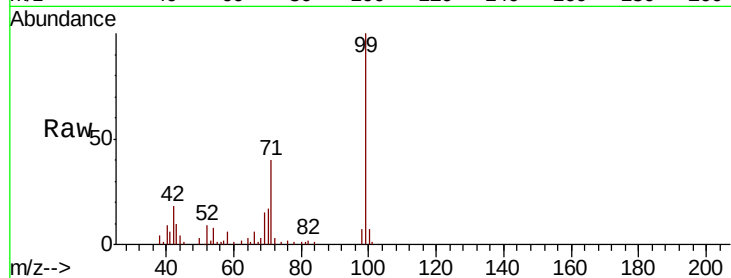
Tot Ion: 99 Resp: 79113

Ion Ratio Lower Upper

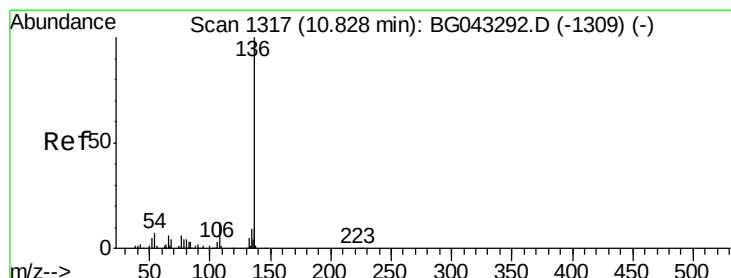
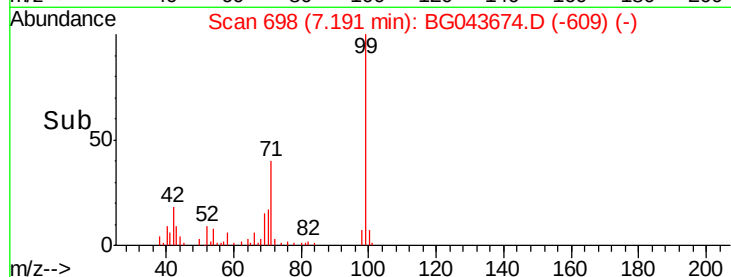
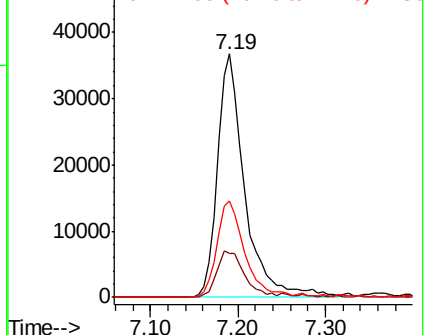
99 100

42 17.8 14.6 21.8

71 39.8 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# 1313

Delta R.T. -0.01 min

Lab File: BG043674.D

Acq: 18 Nov 2019 15:38

Tgt Ion: 136 Resp: 87954

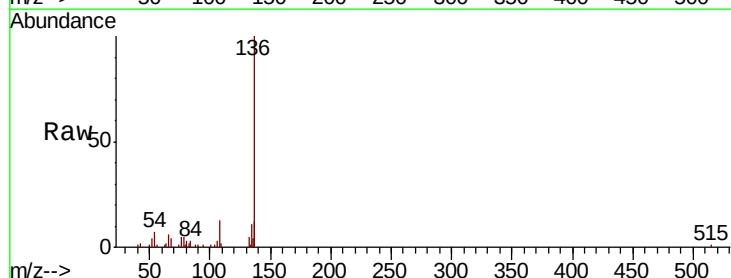
Ion Ratio Lower Upper

136 100

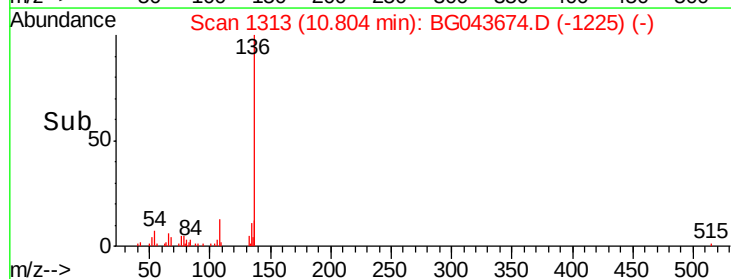
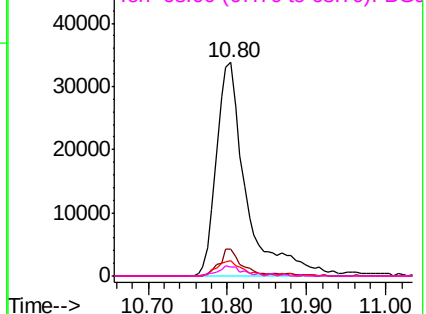
137 12.4 8.7 13.1

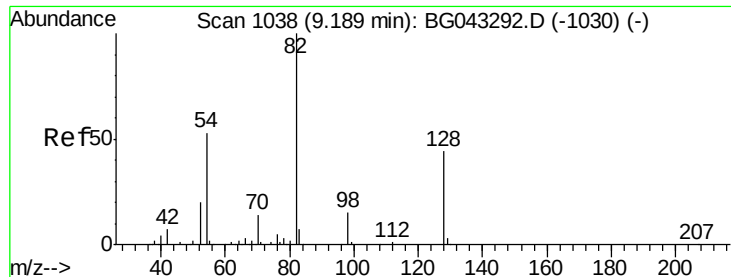
54 7.4 5.4 8.2

68 4.1 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

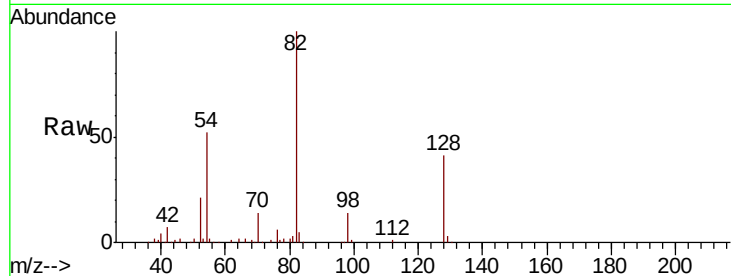




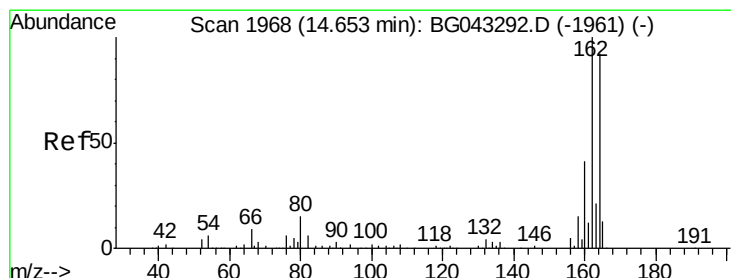
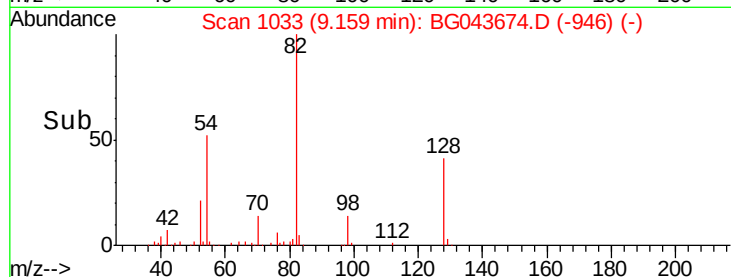
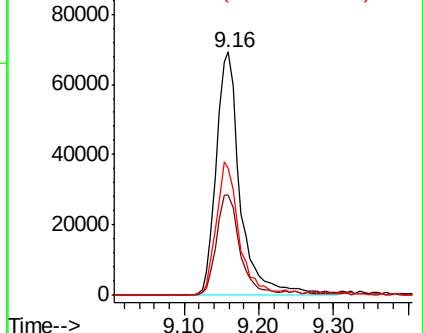
#23
Nitrobenzene-d5
Concen: 91.395 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043674.D
Acq: 18 Nov 2019 15:38

Instrument :
BNA_G
ClientSampleId :
PB124785BL

Tot Ion: 82 Resp: 155924
Ion Ratio Lower Upper
82 100
128 41.0 35.0 52.6
54 52.4 40.2 60.2

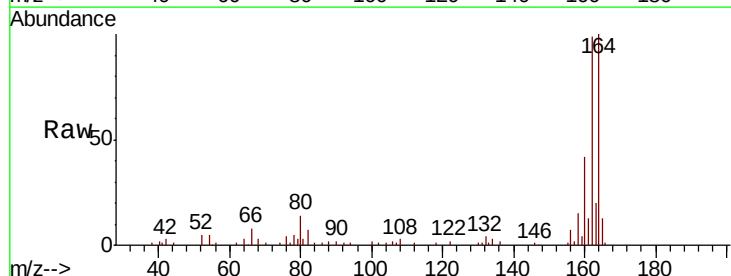


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

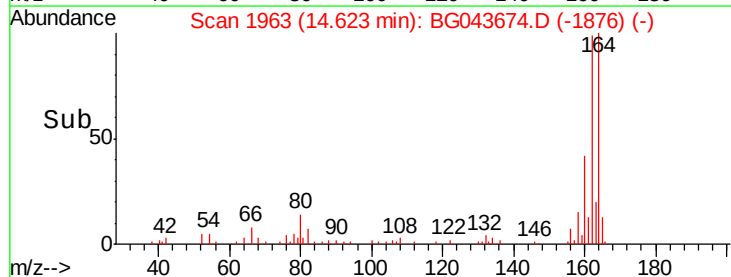
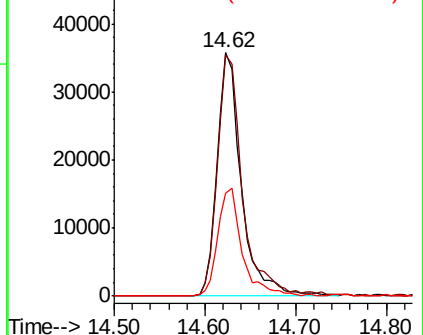


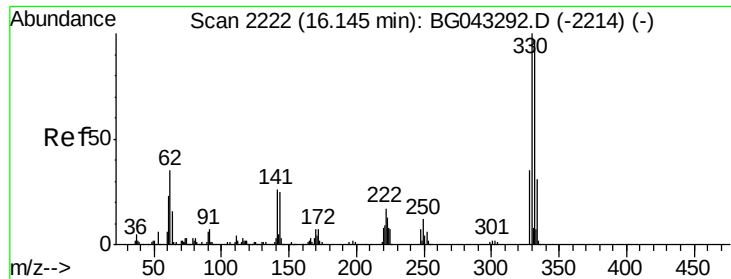
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043674.D
Acq: 18 Nov 2019 15:38

Tgt Ion:164 Resp: 66102
Ion Ratio Lower Upper
164 100
162 99.1 83.5 125.3
160 42.2 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

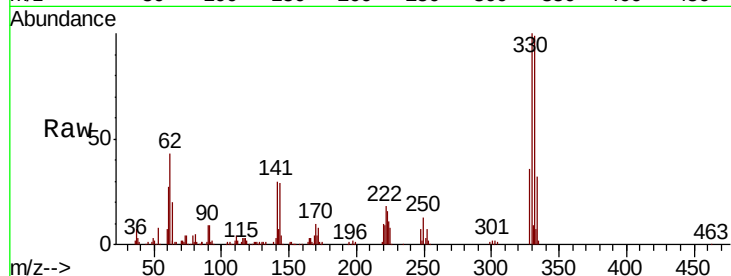




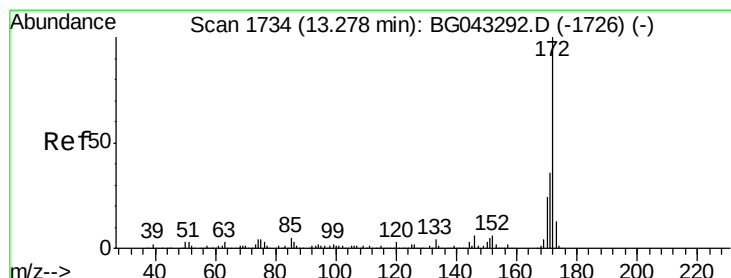
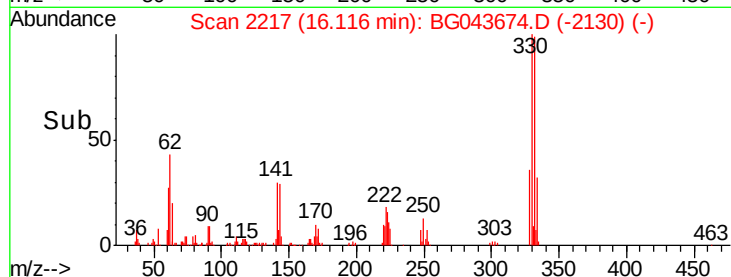
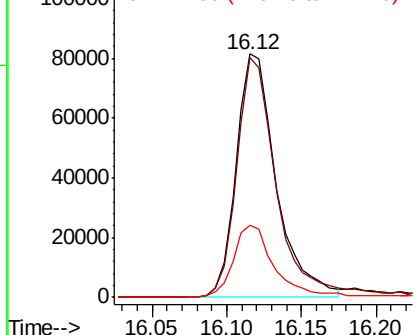
#42
2,4,6-Tribromophenol
Concen: 120.351 ng
RT: 16.12 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG043674.D
Acq: 18 Nov 2019 15:38

Instrument :
BNA_G
ClientSampleId :
PB124785BL

Tot Ion:330 Resp: 151392
Ion Ratio Lower Upper
330 100
332 100.7 77.4 116.0
141 30.4 22.8 34.2

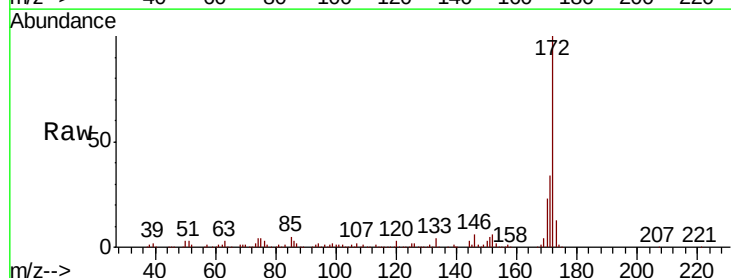


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

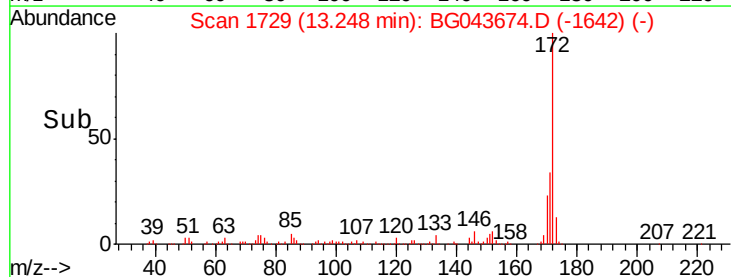
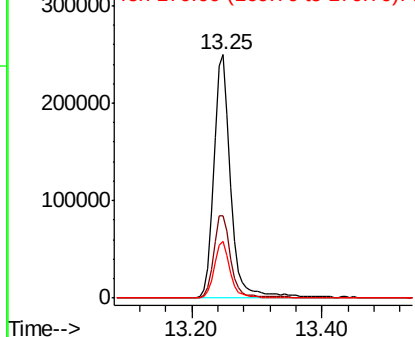


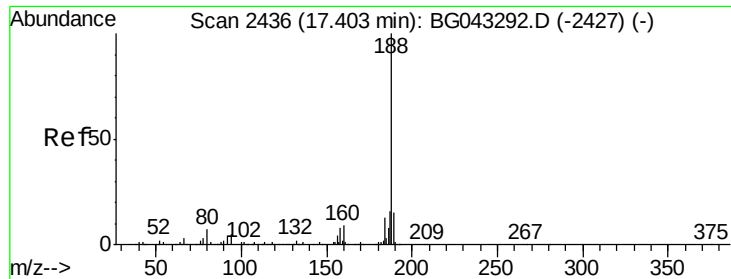
#45
2-Fluorobiphenyl
Concen: 93.840 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043674.D
Acq: 18 Nov 2019 15:38

Tgt Ion:172 Resp: 448905
Ion Ratio Lower Upper
172 100
171 33.9 28.9 43.3
170 23.5 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: BG043674.D

Acq: 18 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB124785BL

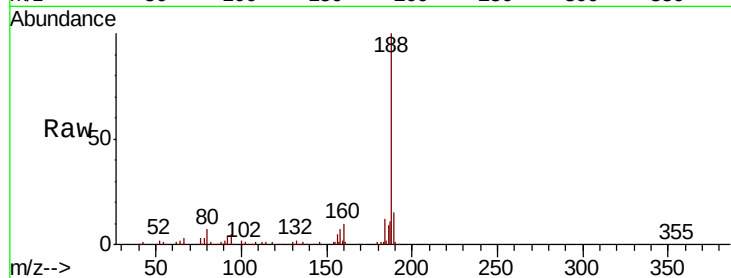
Tot Ion:188 Resp: 157635

Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.4

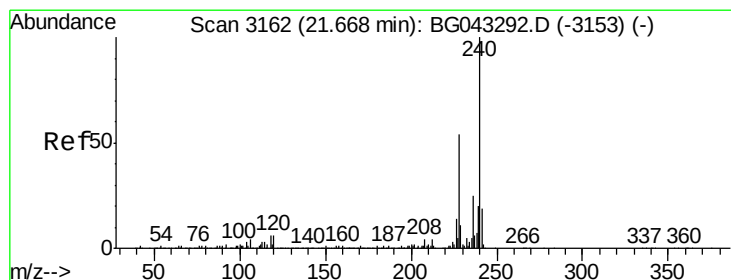
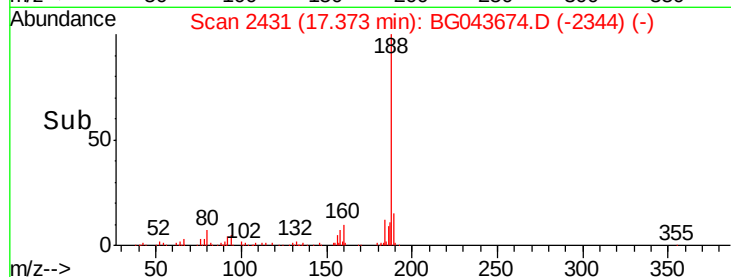
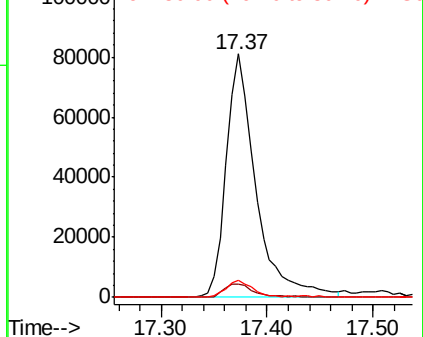
80 6.8 4.5 6.7#



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: BG043674.D

Acq: 18 Nov 2019 15:38

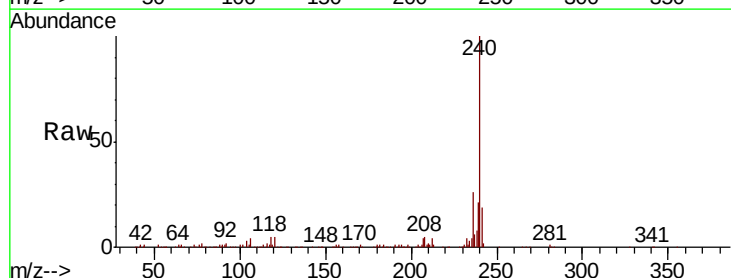
Tgt Ion:240 Resp: 190175

Ion Ratio Lower Upper

240 100

120 4.6 4.6 6.8

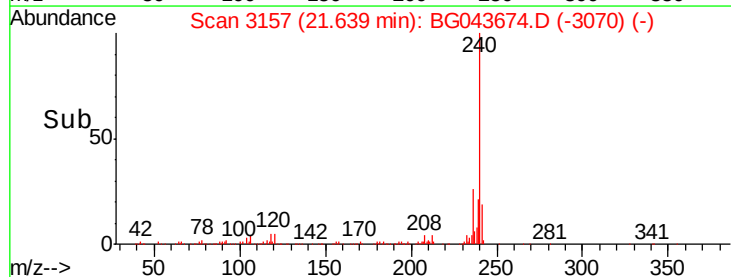
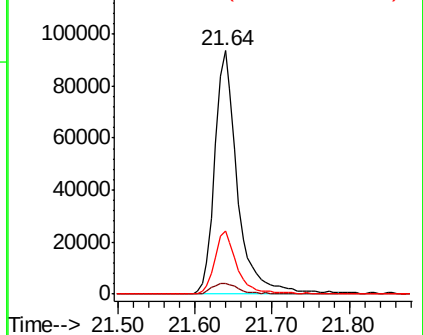
236 25.9 19.8 29.8

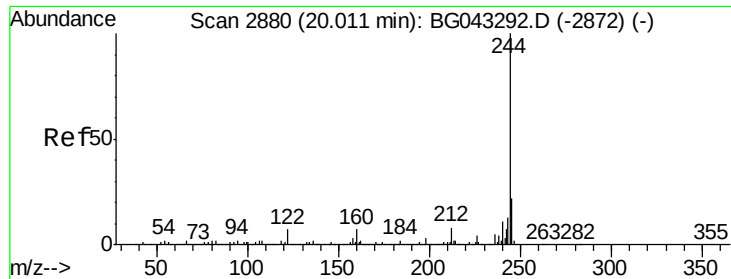


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.097 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043674.D

Acq: 18 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB124785BL

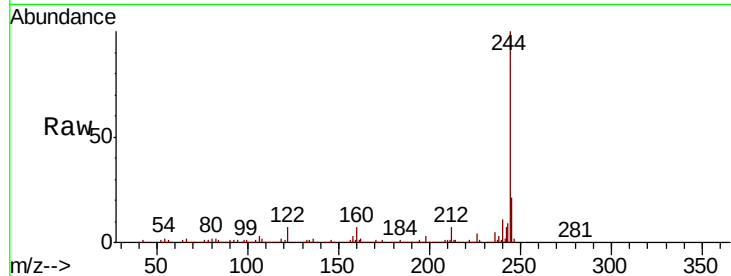
Tot Ion:244 Resp: 1034953

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.9	5.4	8.2

244 100

212 7.1 5.8 8.6

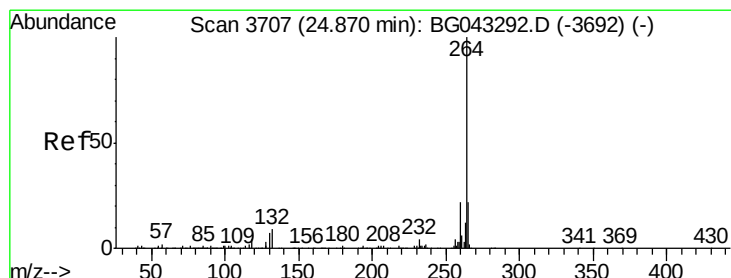
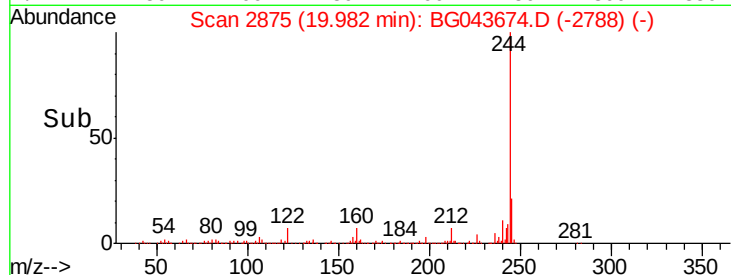
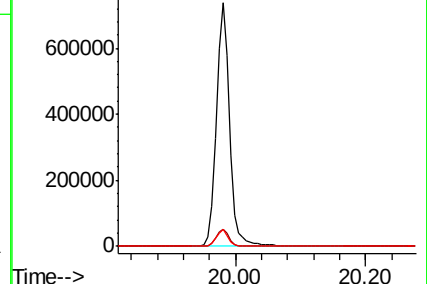
122 6.9 5.4 8.2



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: BG043674.D

Acq: 18 Nov 2019 15:38

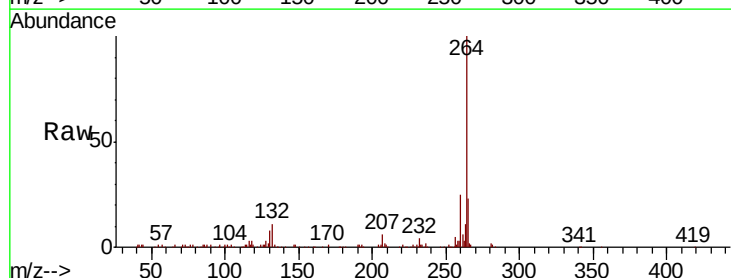
Tgt Ion:264 Resp: 215802

Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.5	26.3
265	23.1	17.4	26.0

264 100

260 25.2 17.5 26.3

265 23.1 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

