

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043694.D
 Acq On : 19 Nov 2019 12:26
 Operator : JU
 Sample : PB124907BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124907BL

Quant Time: Nov 19 15:34:22 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	24361	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	88582	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	66486	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	172046	20.00	ng	0.00
76) Chrysene-d12	21.63	240	196382	20.00	ng	0.00
87) Perylene-d12	24.81	264	222981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	93475	70.31	ng	0.00
7) Phenol-d6	7.19	99	80939	42.32	ng	0.00
23) Nitrobenzene-d5	9.15	82	156792	91.25	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	165569	130.86	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	464906	96.62	ng	0.00
79) Terphenyl-d14	19.98	244	1085496	103.70	ng	0.00

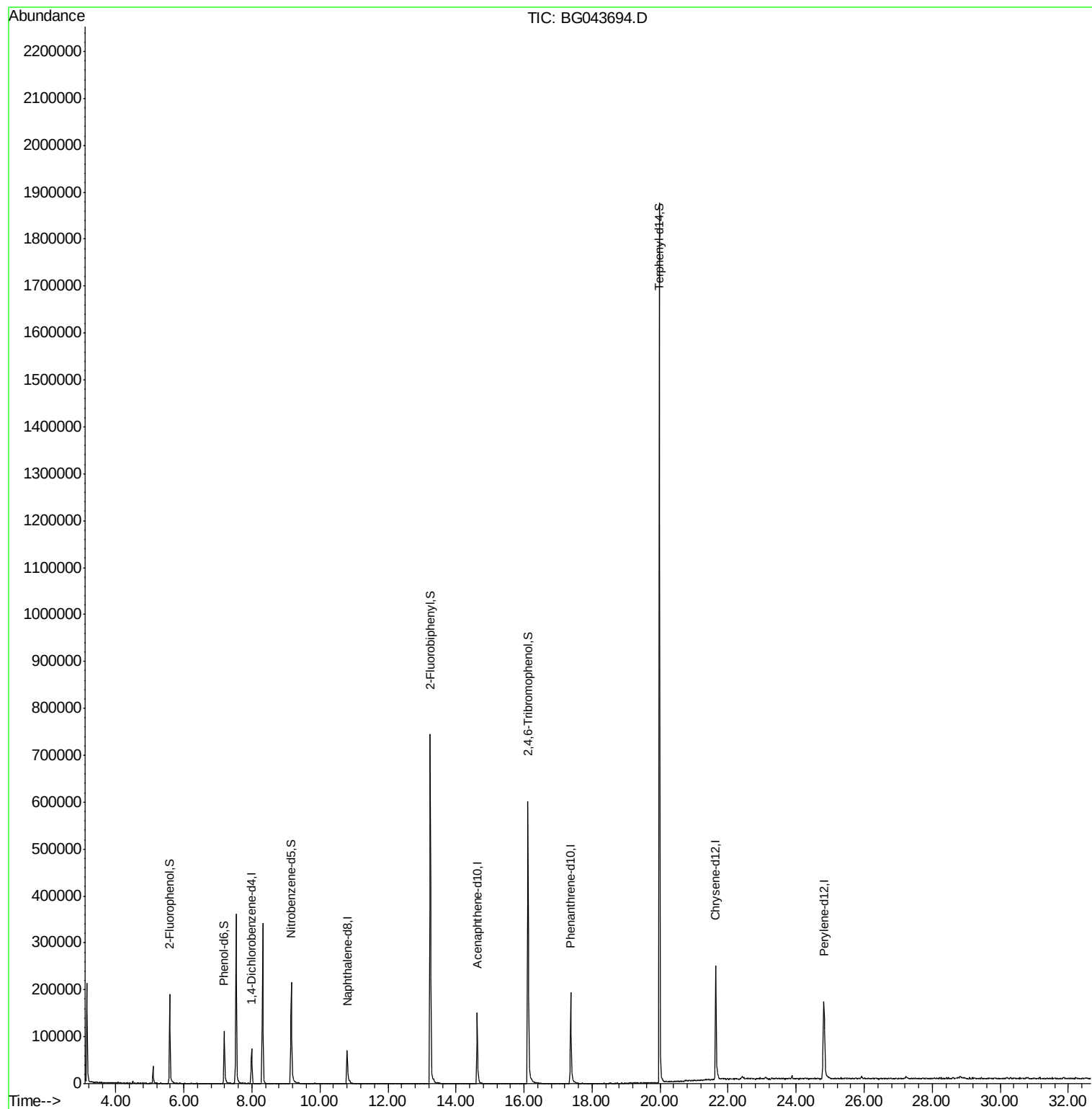
Target Compounds Qvalue

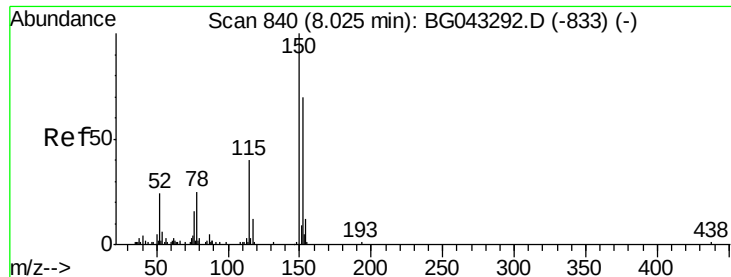
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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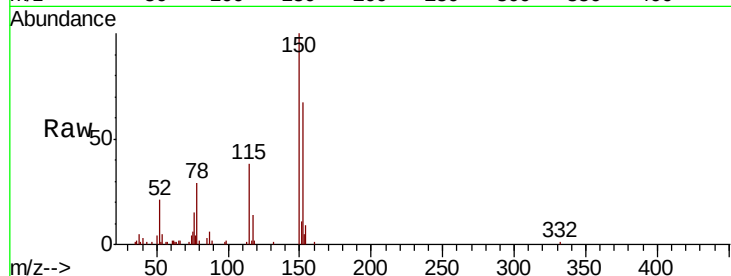


#1

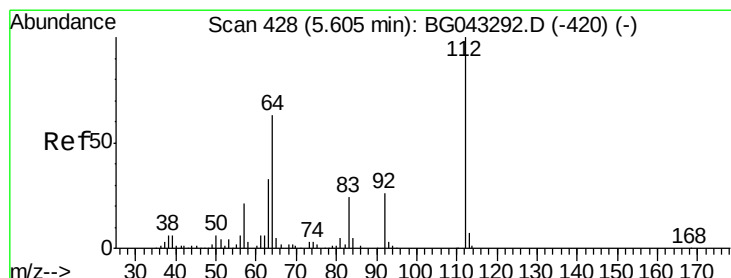
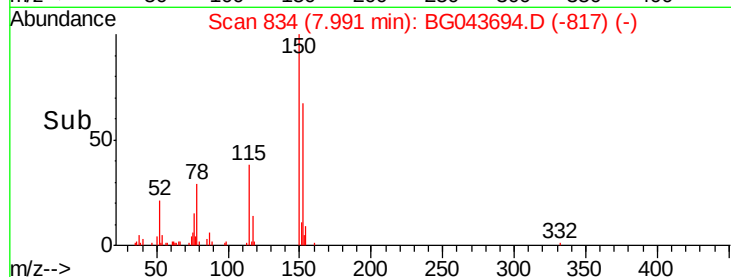
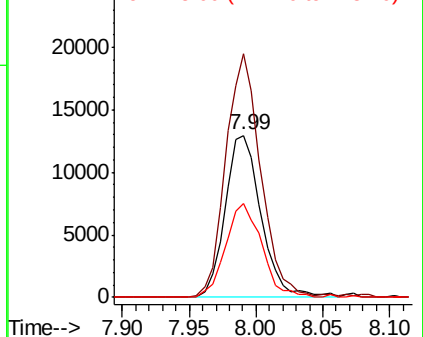
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG043694.D
Acq: 19 Nov 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124907BL

Tot Ion:152 Resp: 24361
Ion Ratio Lower Upper
152 100
150 150.3 116.6 175.0
115 57.6 40.5 60.7



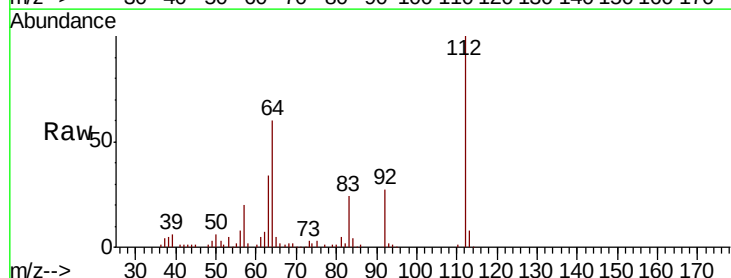
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



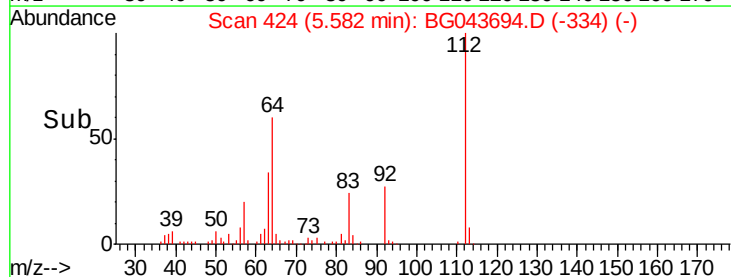
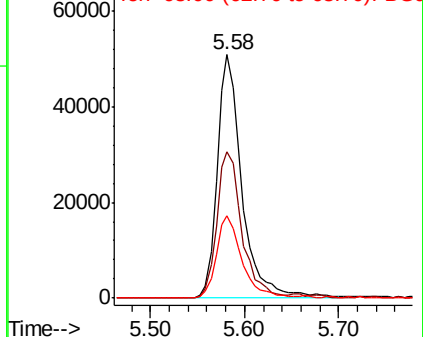
#5

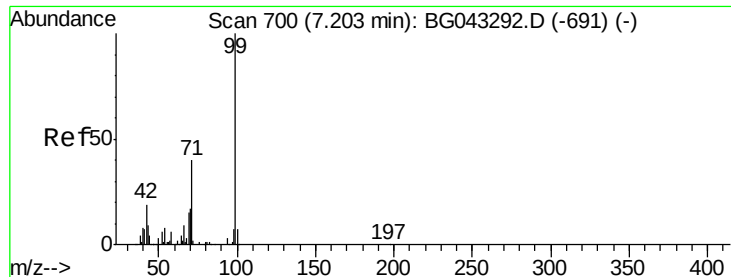
2-Fluorophenol
Concen: 70.312 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043694.D
Acq: 19 Nov 2019 12:26

Tgt Ion:112 Resp: 93475
Ion Ratio Lower Upper
112 100
64 60.3 50.6 75.8
63 34.1 30.5 45.7



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: 42.316 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043694.D

Acq: 19 Nov 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124907BL

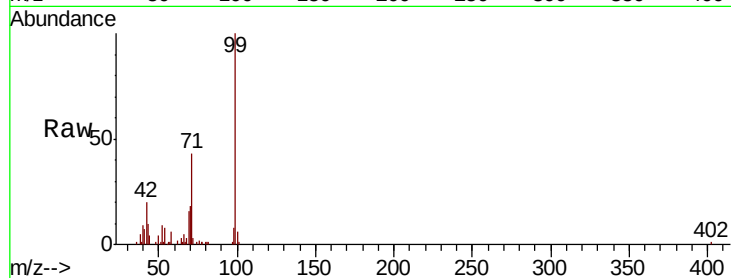
Tot Ion: 99 Resp: 80939

Ion Ratio Lower Upper

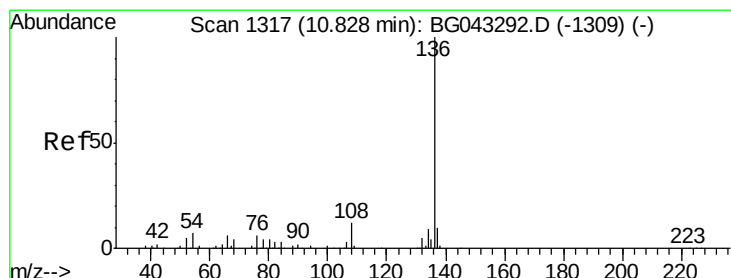
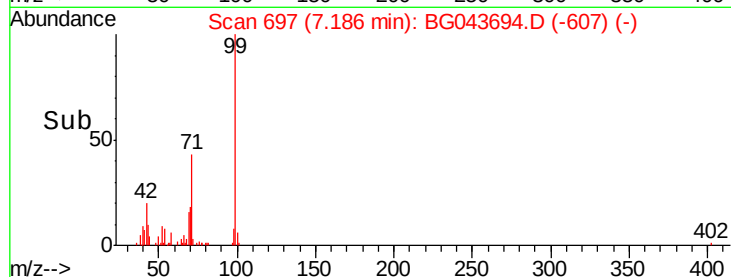
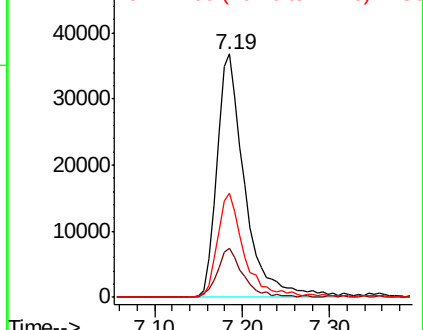
99 100

42 20.1 15.8 23.8

71 43.0 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. 0.01 min

Lab File: BG043694.D

Acq: 19 Nov 2019 12:26

Tgt Ion: 136 Resp: 88582

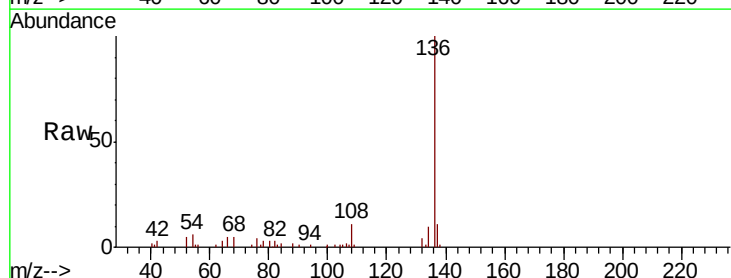
Ion Ratio Lower Upper

136 100

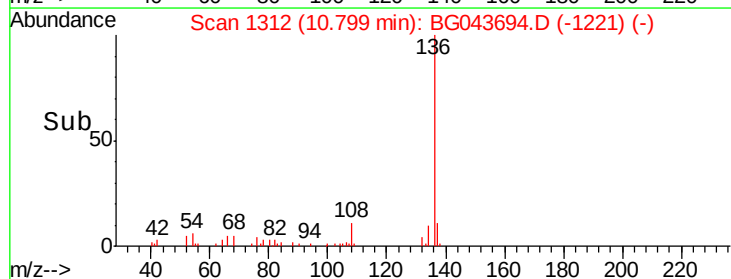
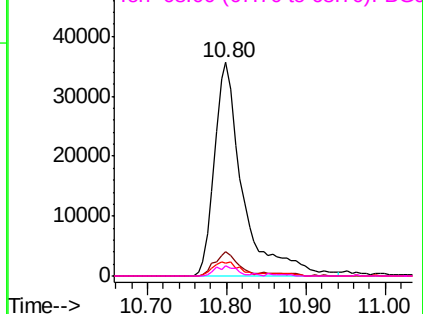
137 11.5 8.8 13.2

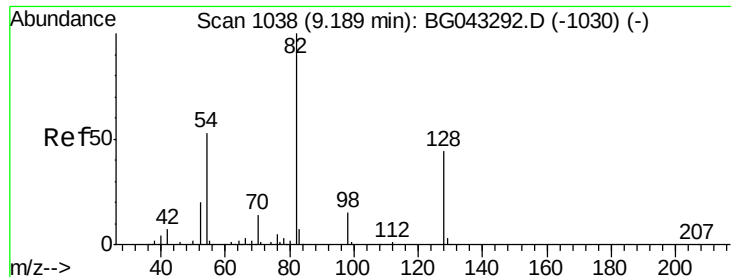
54 6.2 6.2 9.2

68 5.1 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

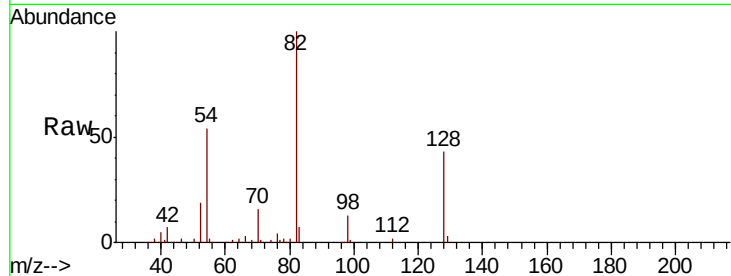




#23
Nitrobenzene-d5
Concen: 91.253 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG043694.D
Acq: 19 Nov 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124907BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.4
54	53.6	44.7	67.1

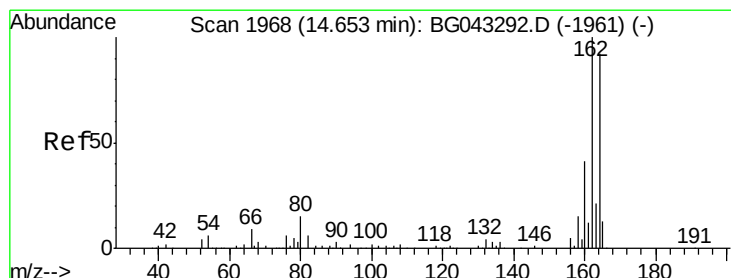
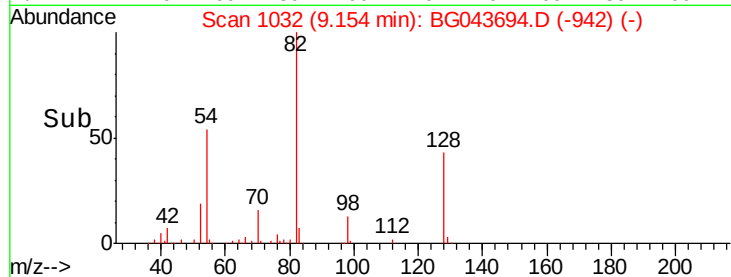
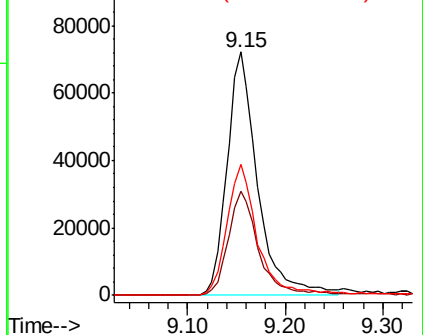


Abundance

Ion 82.00 (81.70 to 82.70): BGC

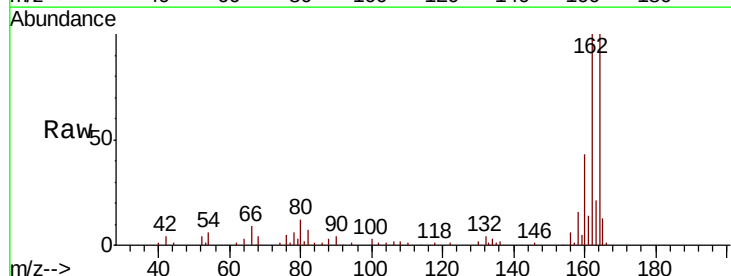
Ion 128.00 (127.70 to 128.70): BGC

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. 0.00 min
Lab File: BG043694.D
Acq: 19 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.4	119.2
160	43.2	36.3	54.5

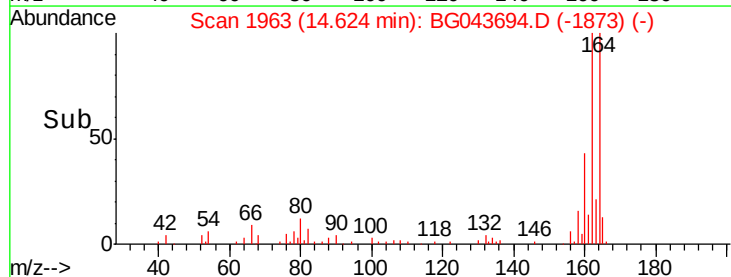
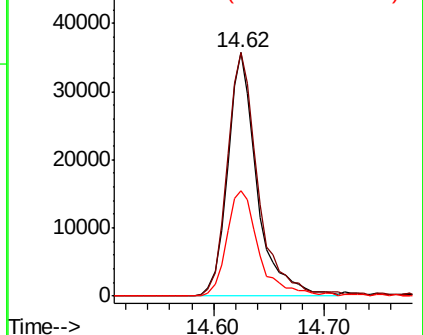


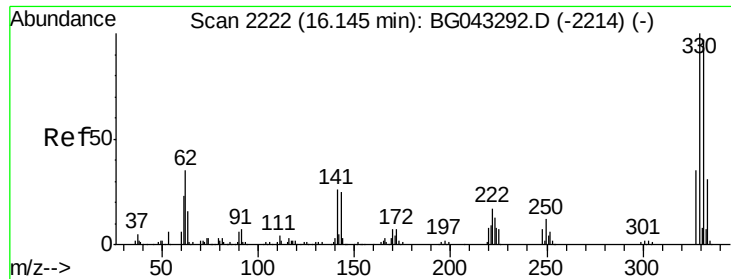
Abundance

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

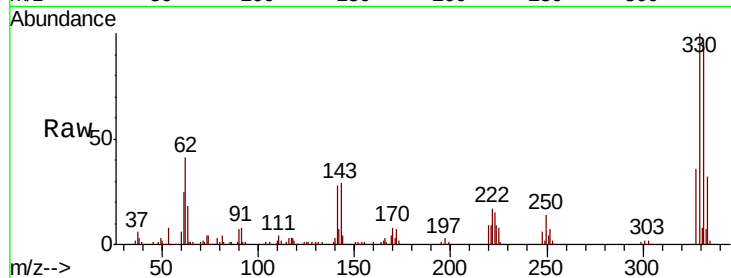




#42
 2,4,6-Tribromophenol
 Concen: 130.861 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043694.D
 Acq: 19 Nov 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124907BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	28.6	23.4	35.2

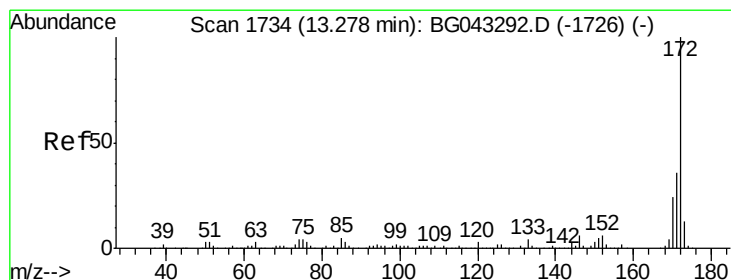
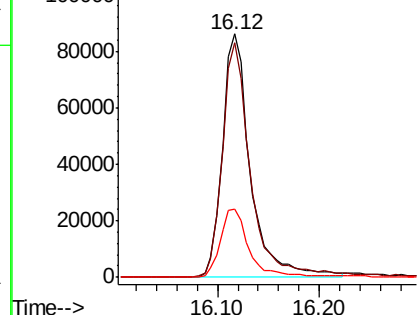
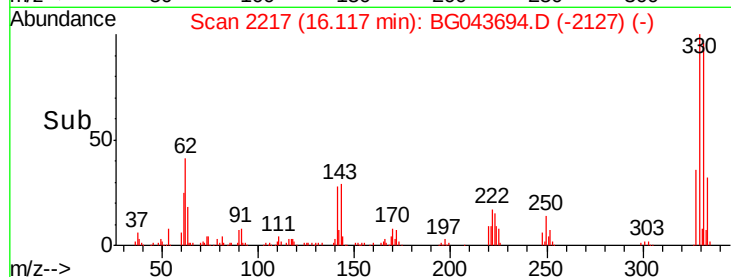


Abundance

Ion 329.80 (329.50 to 330.50): E

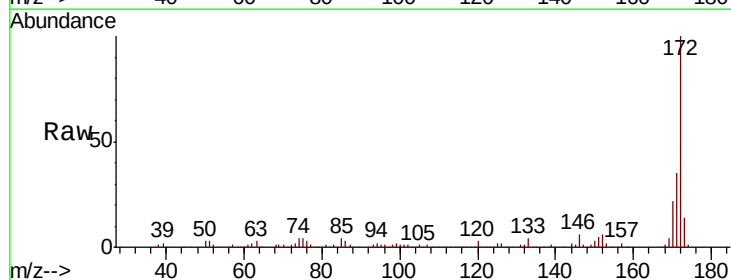
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.623 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG043694.D
 Acq: 19 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	22.4	18.8	28.2

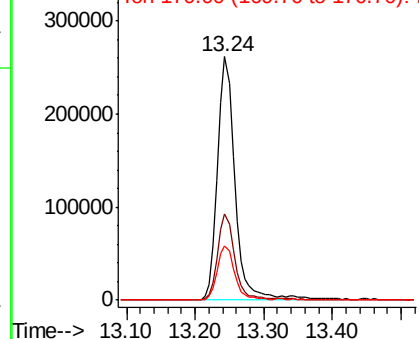
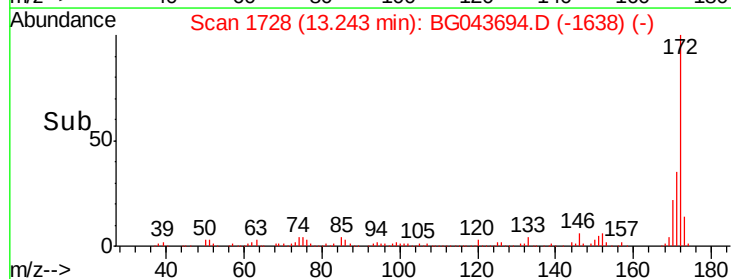


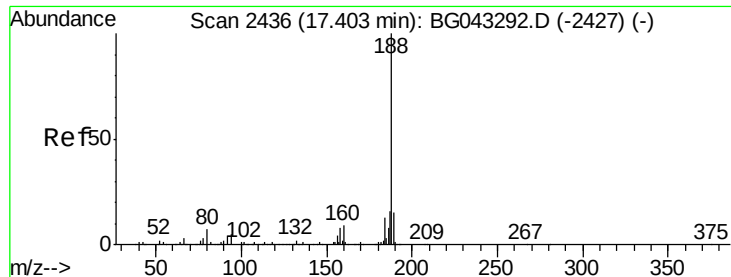
Abundance

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# 2431

Delta R.T. 0.01 min

Lab File: BG043694.D

Acq: 19 Nov 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124907BL

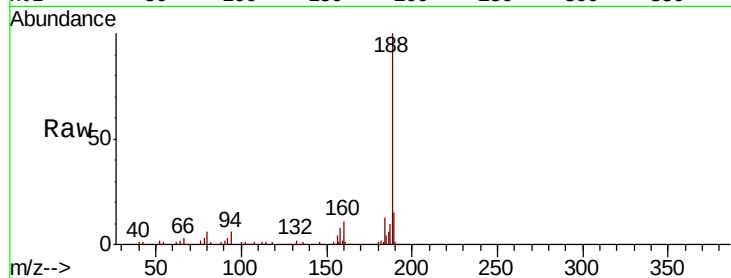
Tot Ion:188 Resp: 172046

Ion Ratio Lower Upper

188 100

94 6.2 4.6 7.0

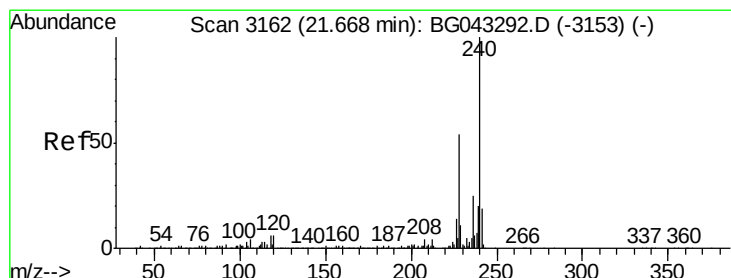
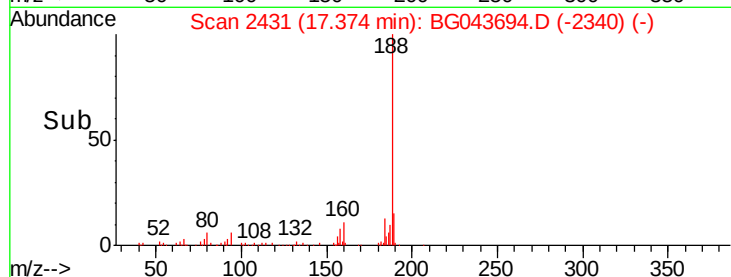
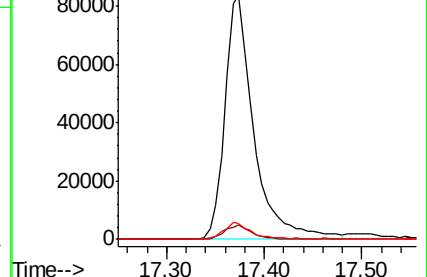
80 6.4 5.2 7.8



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: BG043694.D

Acq: 19 Nov 2019 12:26

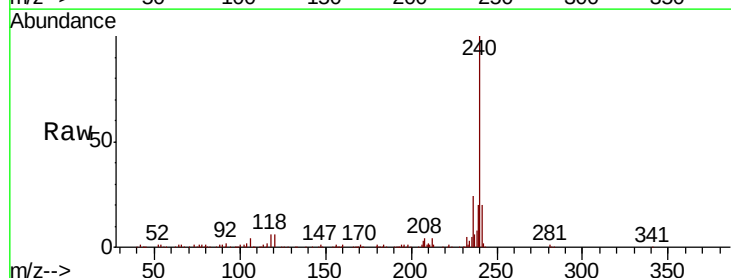
Tgt Ion:240 Resp: 196382

Ion Ratio Lower Upper

240 100

120 5.8 4.9 7.3

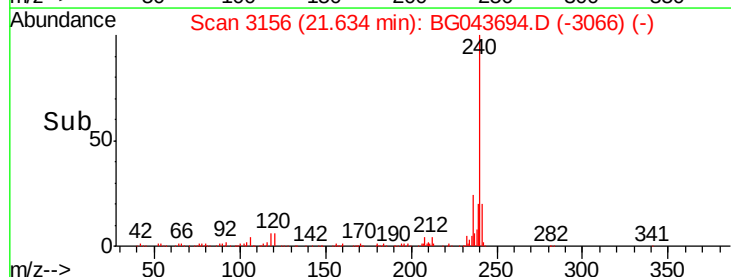
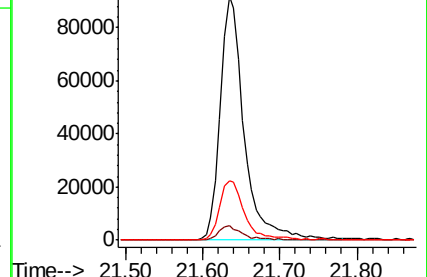
236 24.5 21.4 32.0

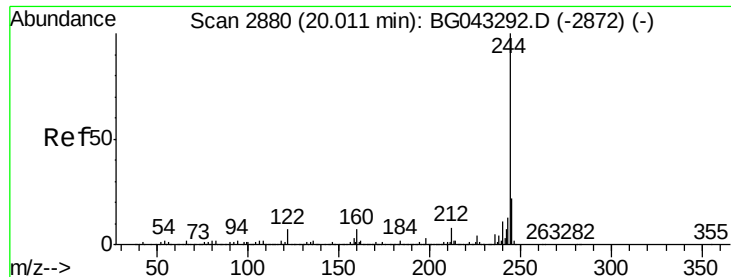


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.699 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG043694.D

Acq: 19 Nov 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124907BL

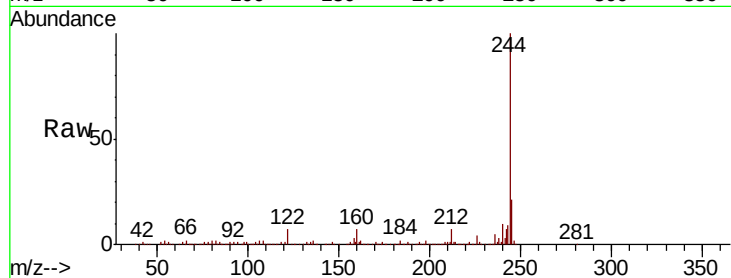
Tot Ion:244 Resp: 1085496

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

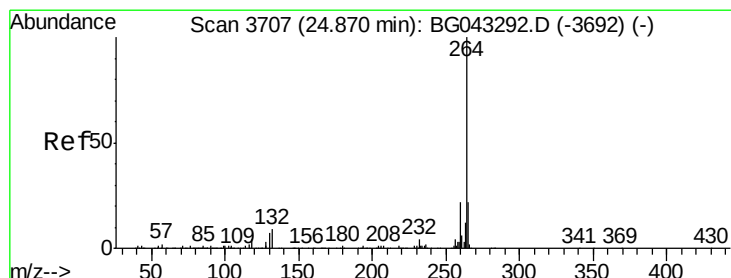
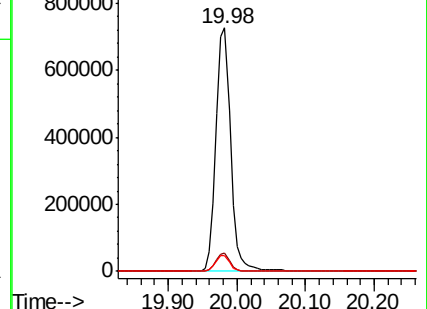
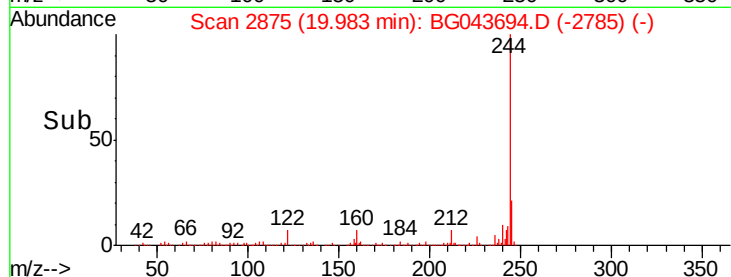
122 6.6 5.2 7.8



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: BG043694.D

Acq: 19 Nov 2019 12:26

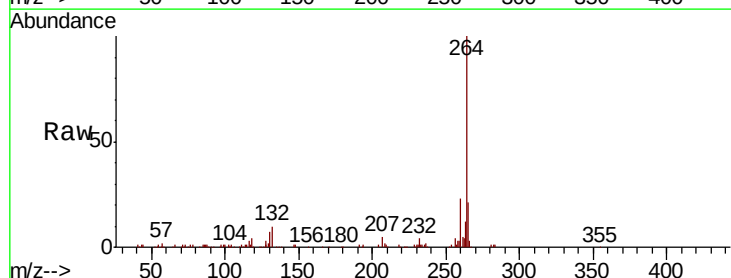
Tgt Ion:264 Resp: 222981

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.3 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

