

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043570.D
 Acq On : 8 Nov 2019 15:28
 Operator : JU
 Sample : PB124597BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BL

Quant Time: Nov 11 03:11:01 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	29664	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	101675	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	79561	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	204343	20.00	ng	0.00
76) Chrysene-d12	21.65	240	212538	20.00	ng	0.00
87) Perylene-d12	24.84	264	244182	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	224654	138.78	ng	0.00
7) Phenol-d6	7.21	99	310030	133.11	ng	0.00
23) Nitrobenzene-d5	9.17	82	178736	90.63	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	194150	128.23	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	505238	87.75	ng	0.00
79) Terphenyl-d14	19.99	244	1090666	96.27	ng	0.00

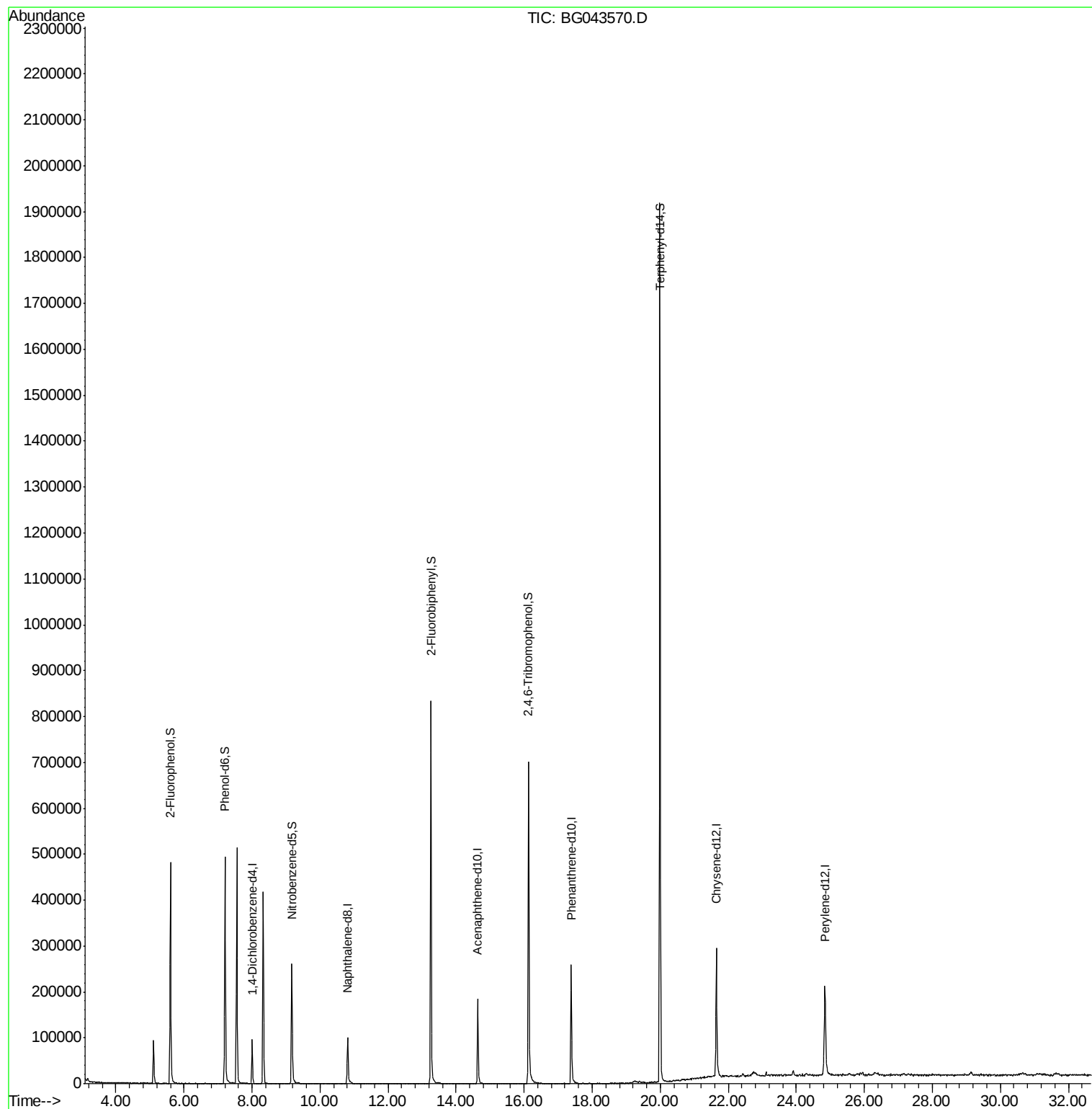
Target Compounds Qvalue

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

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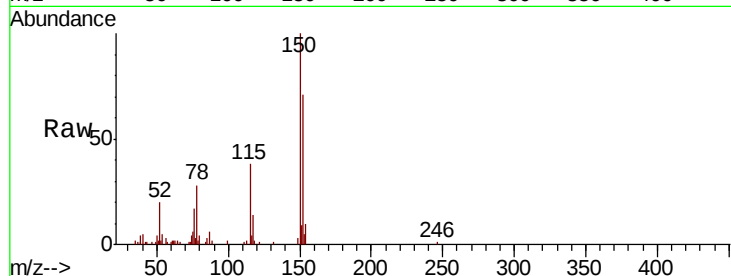


#1

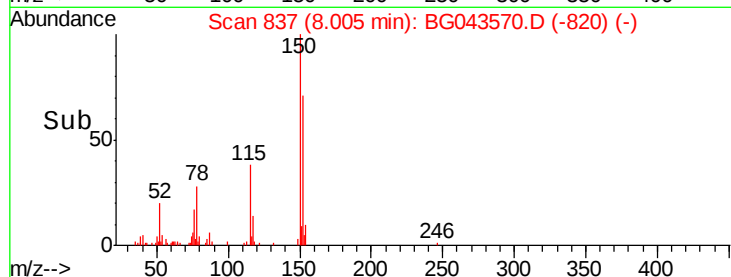
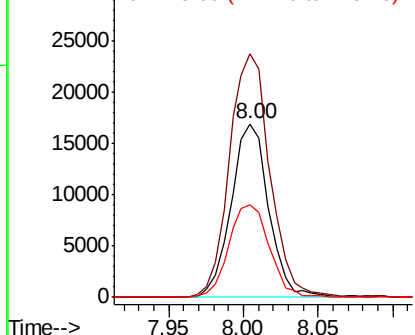
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043570.D
Acq: 8 Nov 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124597BL

Tot Ion:152 Resp: 29664
Ion Ratio Lower Upper
152 100
150 140.4 129.4 194.0
115 53.8 48.8 73.2



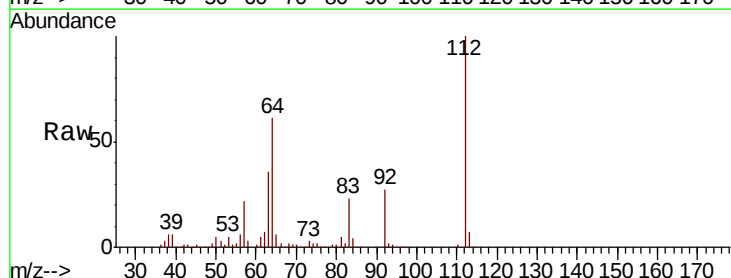
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



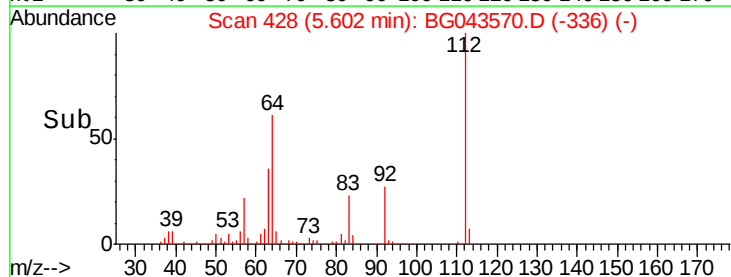
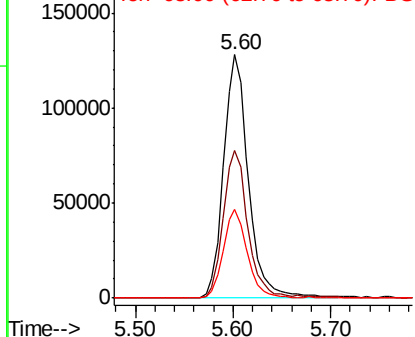
#5

2-Fluorophenol
Concen: 138.776 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043570.D
Acq: 8 Nov 2019 15:28

Tgt Ion:112 Resp: 224654
Ion Ratio Lower Upper
112 100
64 60.8 50.0 75.0
63 36.2 26.6 40.0



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: 133.112 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124597BL

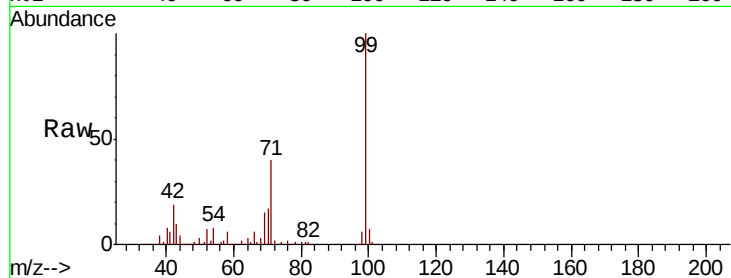
Tot Ion: 99 Resp: 310030

Ion Ratio Lower Upper

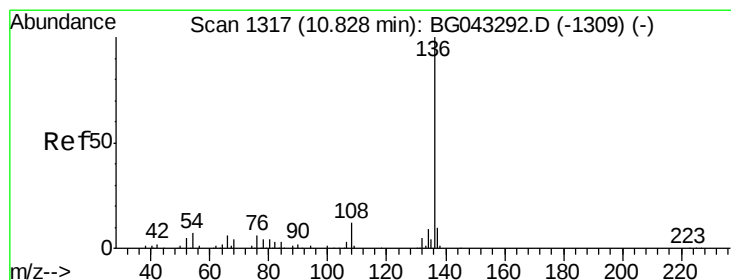
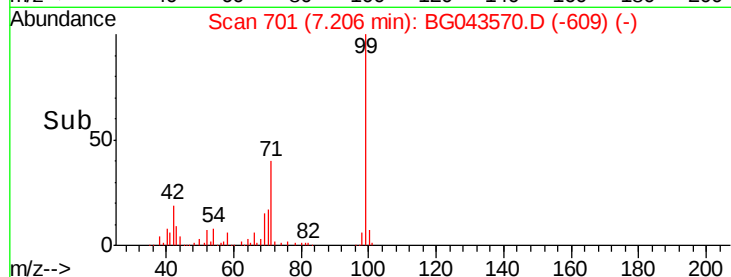
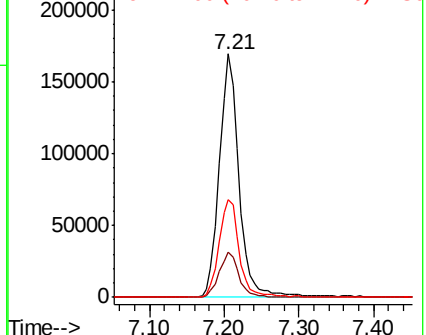
99 100

42 18.5 14.6 21.8

71 40.0 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: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

Tgt Ion: 136 Resp: 101675

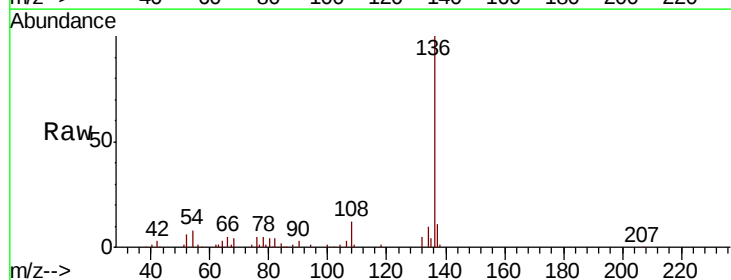
Ion Ratio Lower Upper

136 100

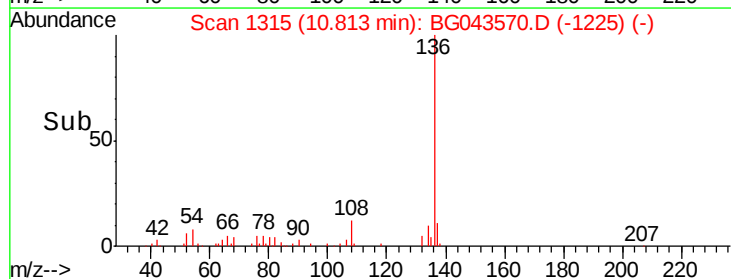
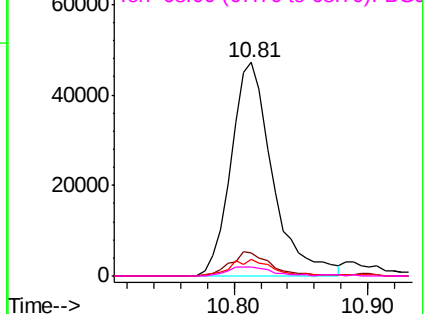
137 11.0 8.7 13.1

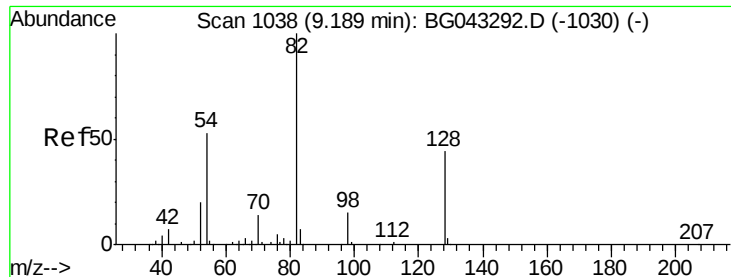
54 8.0 5.4 8.2

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

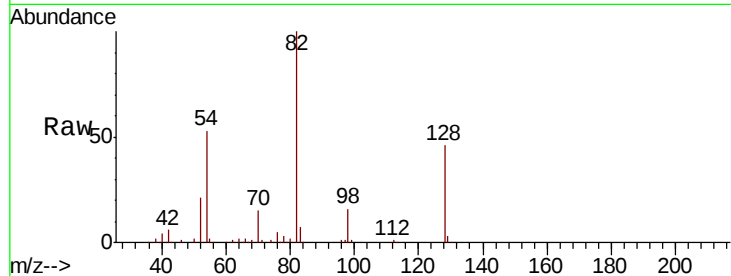




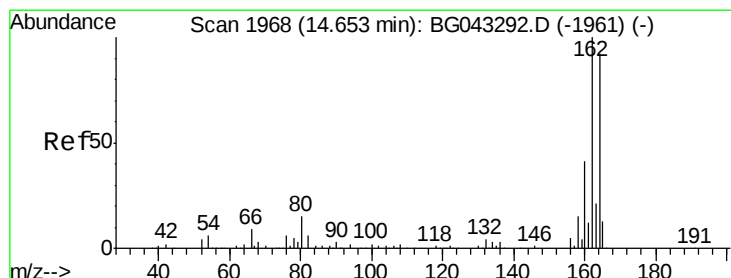
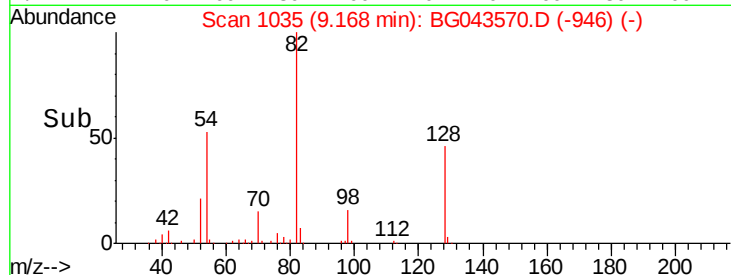
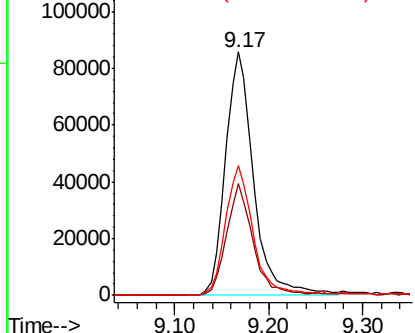
#23
Nitrobenzene-d5
Concen: 90.628 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043570.D
Acq: 8 Nov 2019 15:28

Instrument :
BNA_G
ClientSampleID :
PB124597BL

Tot Ion: 82 Resp: 178736
Ion Ratio Lower Upper
82 100
128 46.0 35.0 52.6
54 53.1 40.2 60.2

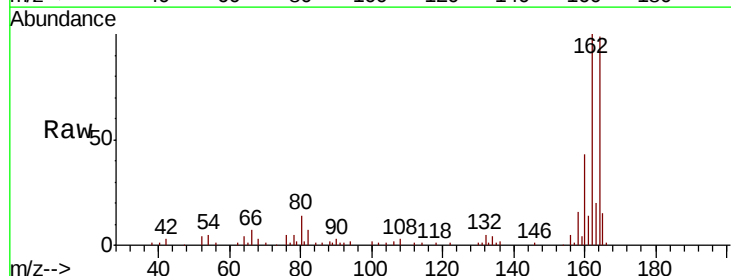


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

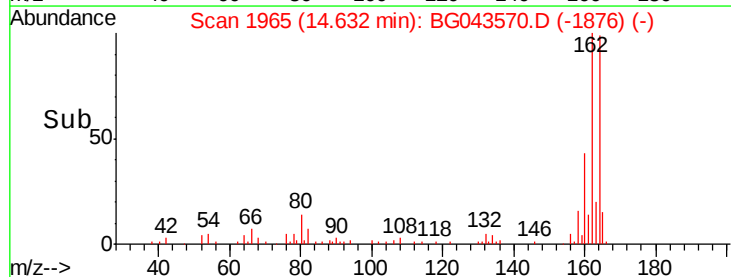
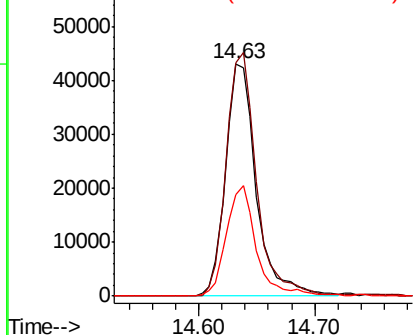


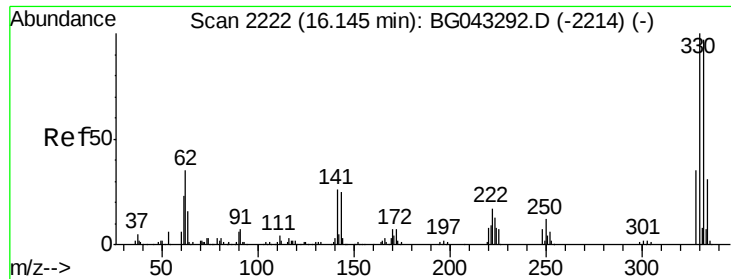
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043570.D
Acq: 8 Nov 2019 15:28

Tgt Ion:164 Resp: 79561
Ion Ratio Lower Upper
164 100
162 100.7 83.5 125.3
160 43.8 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

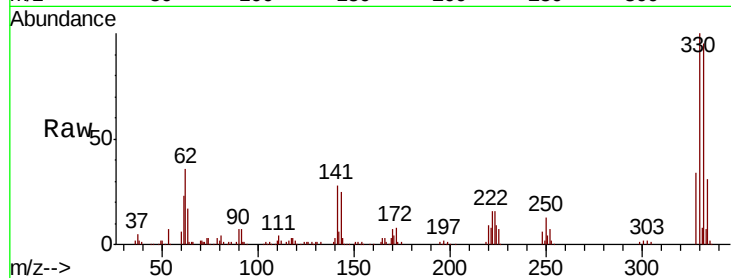




#42
 2,4,6-Tribromophenol
 Concen: 128.232 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043570.D
 Acq: 8 Nov 2019 15:28

Instrument :
 BNA_G
 ClientSampled :
 PB124597BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	29.4	22.8	34.2

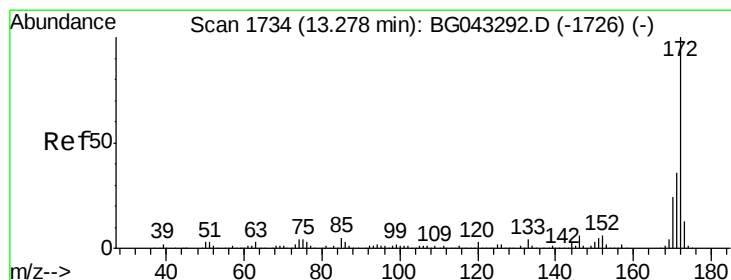
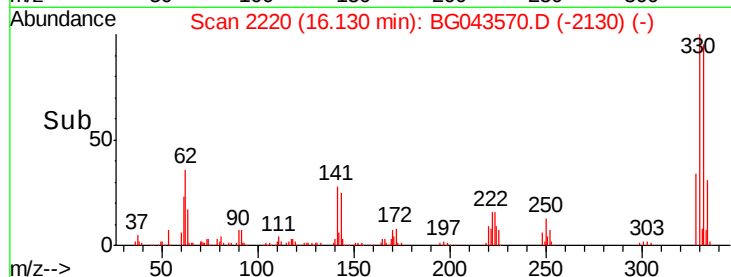
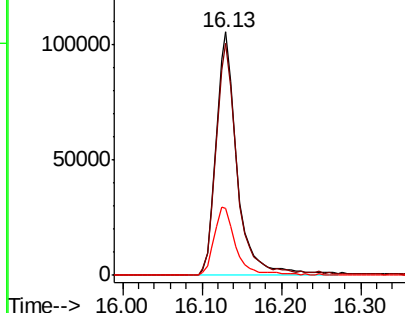


Abundance

Ion 329.80 (329.50 to 330.50): E

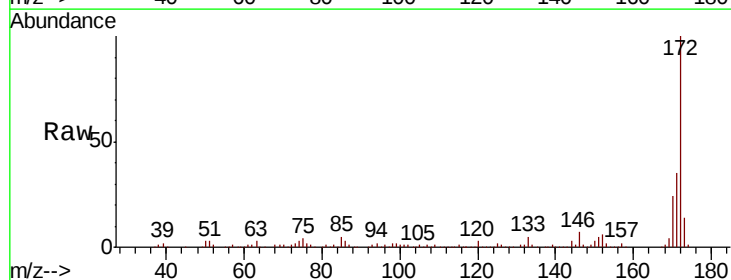
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.749 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043570.D
 Acq: 8 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	23.8	18.5	27.7

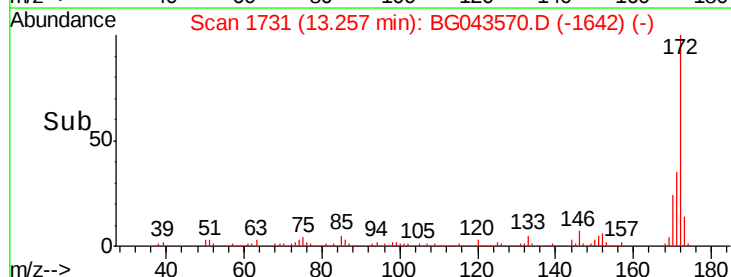
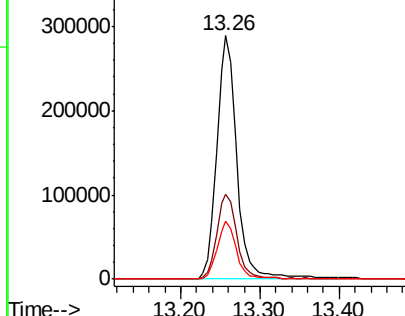


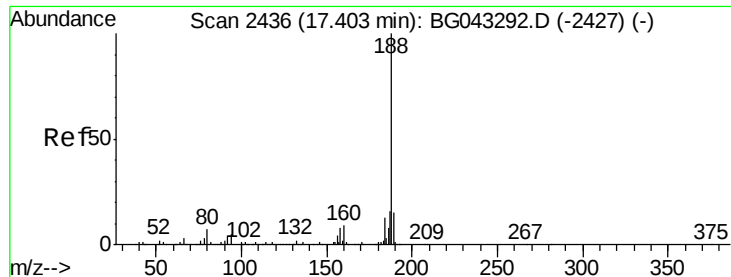
Abundance

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

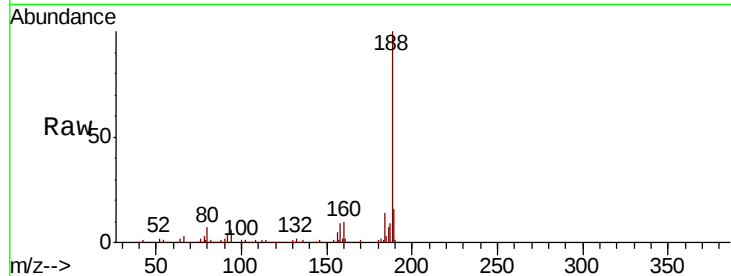




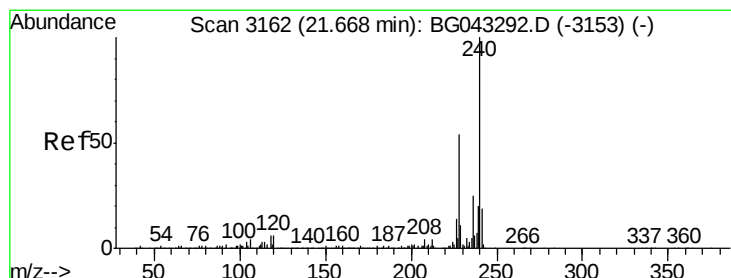
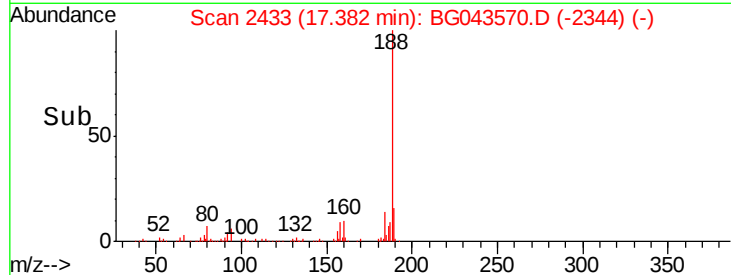
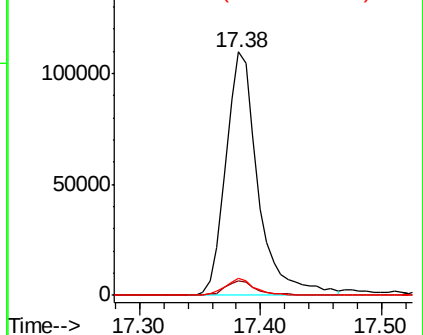
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043570.D
Acq: 8 Nov 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124597BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.2	6.4
80	7.1	4.5	6.7#

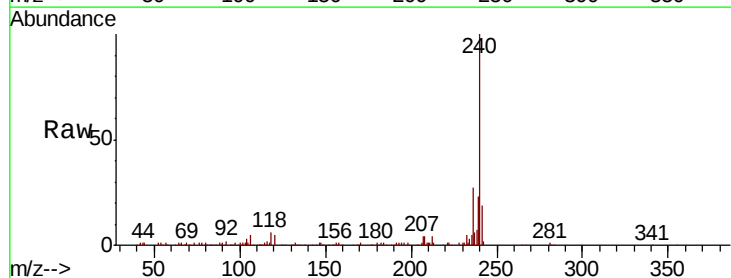


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

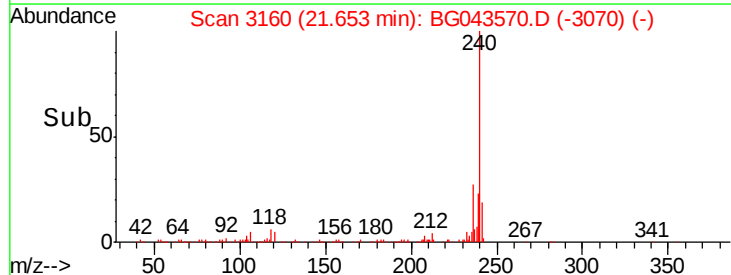
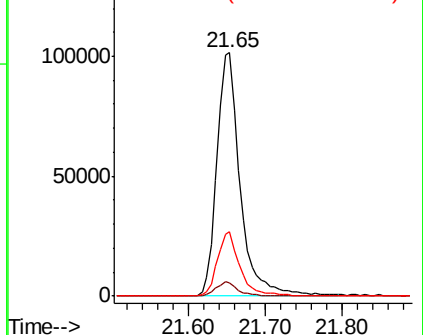


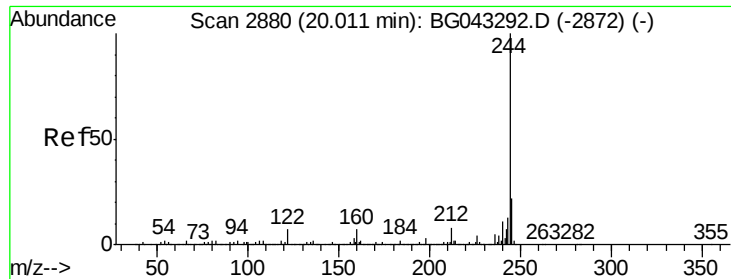
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043570.D
Acq: 8 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.6	6.8
236	26.5	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: 96.272 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124597BL

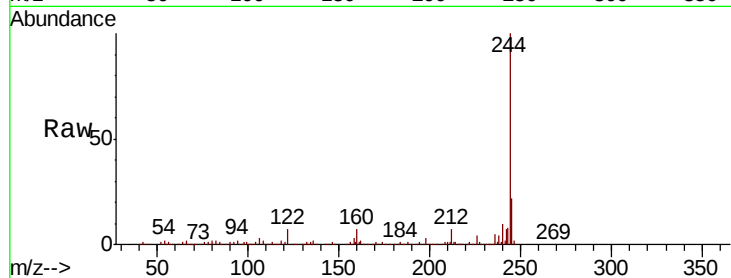
Tot Ion:244 Resp: 1090666

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	7.1	5.4	8.2

244 100

212 7.3 5.8 8.6

122 7.1 5.4 8.2

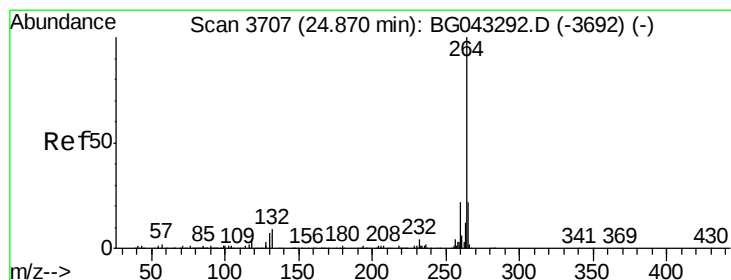
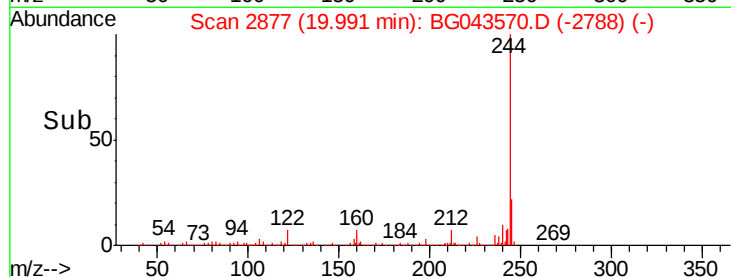
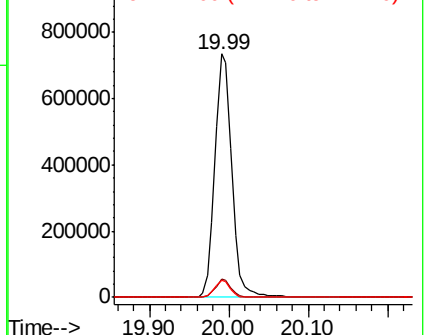


Abundance

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: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043570.D

Acq: 8 Nov 2019 15:28

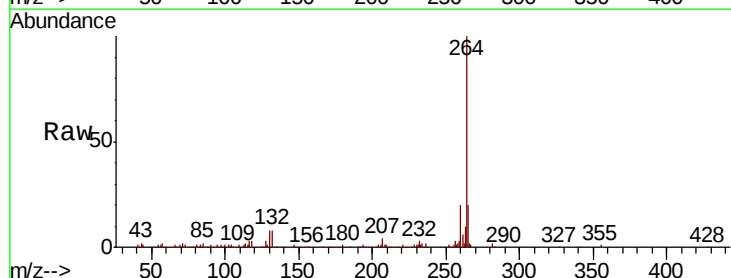
Tgt Ion:264 Resp: 244182

Ion	Ratio	Lower	Upper
264	100		
260	20.3	17.5	26.3
265	20.3	17.4	26.0

264 100

260 20.3 17.5 26.3

265 20.3 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

