

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043714.D
 Acq On : 20 Nov 2019 2:43
 Operator : JU
 Sample : PB124943TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124943TB

Quant Time: Nov 20 04:05:13 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	24666	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	95451	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	75816	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	193701	20.00	ng	0.00
76) Chrysene-d12	21.63	240	215026	20.00	ng	0.00
87) Perylene-d12	24.82	264	246905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	70864	52.65	ng	0.00
7) Phenol-d6	7.18	99	54699	28.24	ng	0.00
23) Nitrobenzene-d5	9.15	82	171545	92.65	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	177522	123.04	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	481722	87.80	ng	0.00
79) Terphenyl-d14	19.98	244	1166553	101.78	ng	0.00

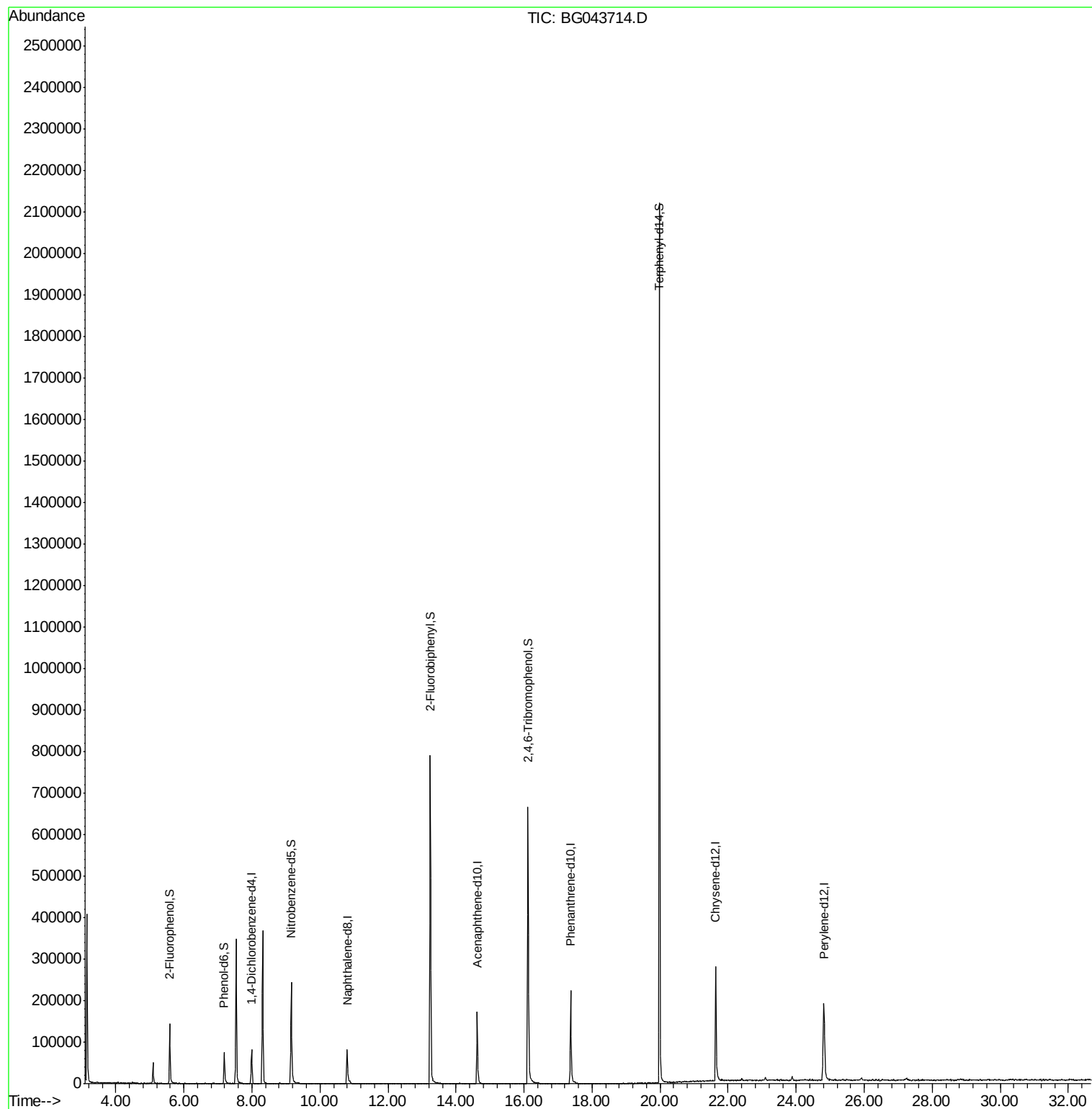
Target Compounds Qvalue

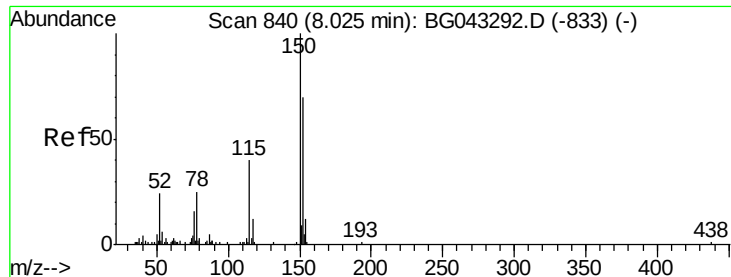
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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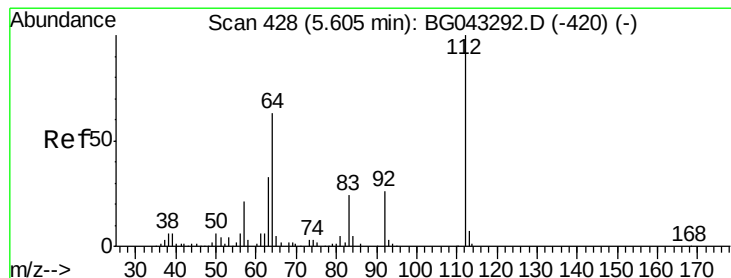
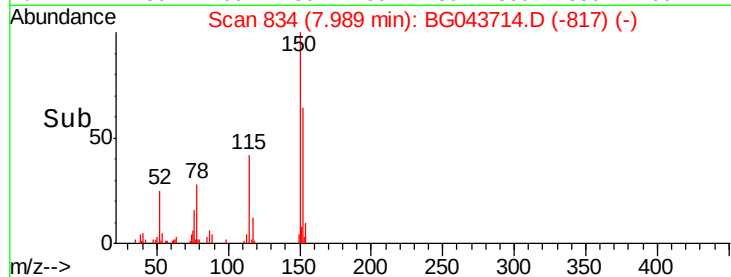
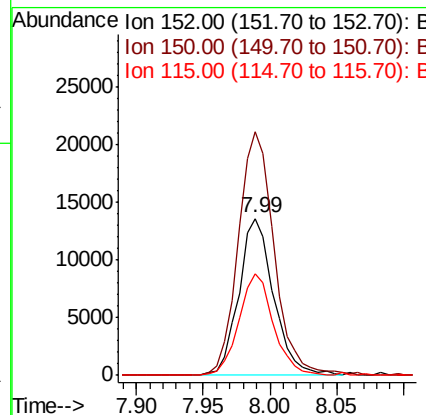
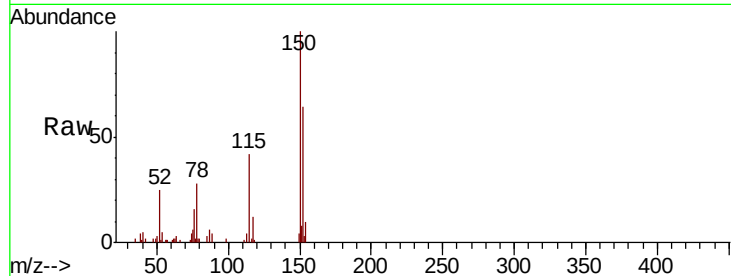


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043714.D
Acq: 20 Nov 2019 2:43

Instrument :
BNA_G
ClientSampled :
PB124943TB

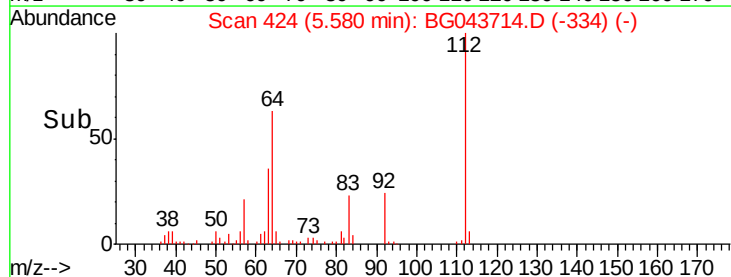
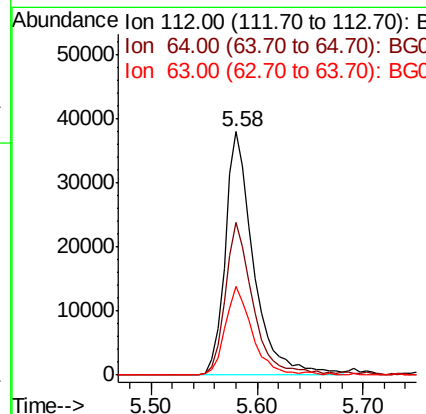
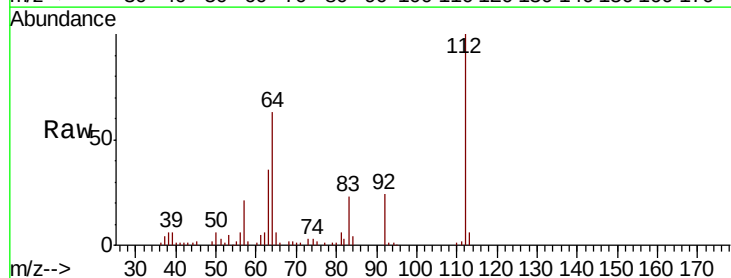
Tot Ion:152 Resp: 24666
Ion Ratio Lower Upper
152 100
150 155.1 116.6 175.0
115 64.6 40.5 60.7#

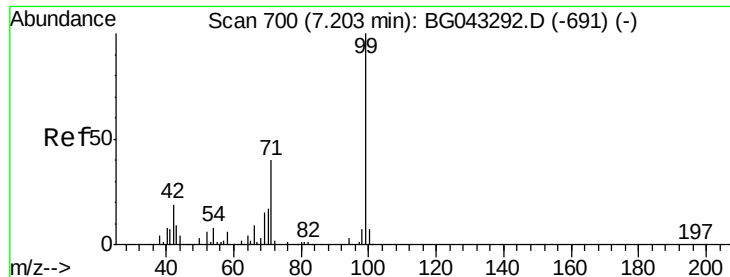


#5

2-Fluorophenol
Concen: 52.645 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043714.D
Acq: 20 Nov 2019 2:43

Tgt Ion:112 Resp: 70864
Ion Ratio Lower Upper
112 100
64 62.8 50.6 75.8
63 36.4 30.5 45.7





#7

Phenol-d6

Concen: 28.244 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043714.D

Acq: 20 Nov 2019 2:43

Instrument :

BNA_G

ClientSampleId :

PB124943TB

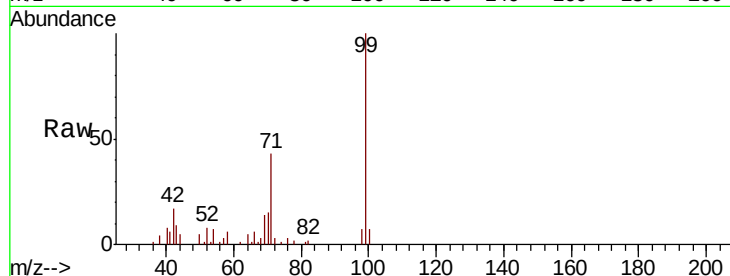
Tot Ion: 99 Resp: 54699

Ion Ratio Lower Upper

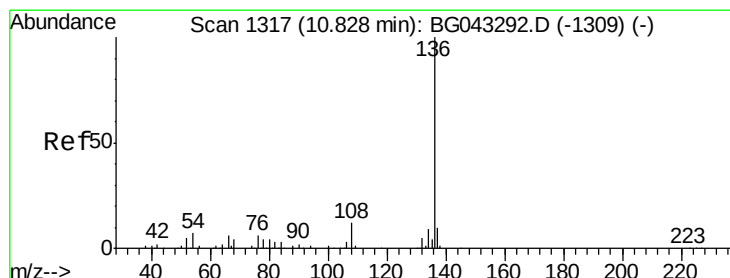
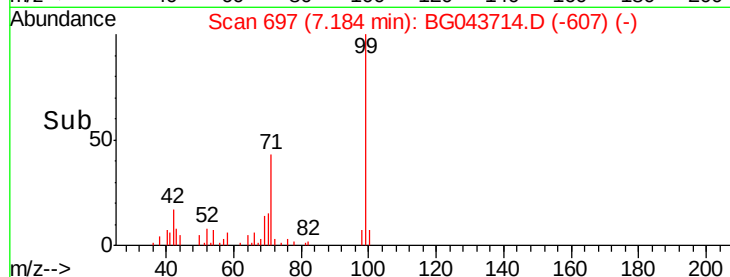
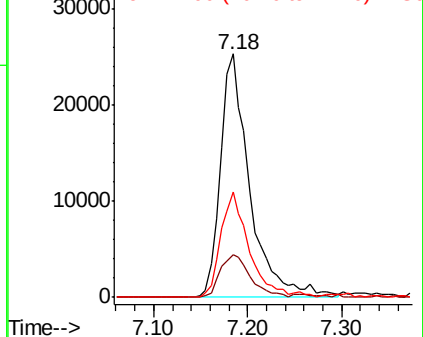
99 100

42 17.4 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: BG043714.D

Acq: 20 Nov 2019 2:43

Tgt Ion: 136 Resp: 95451

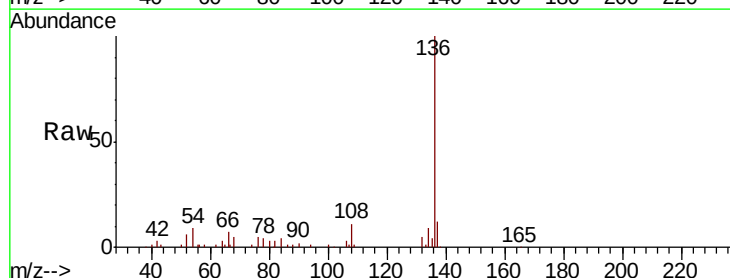
Ion Ratio Lower Upper

136 100

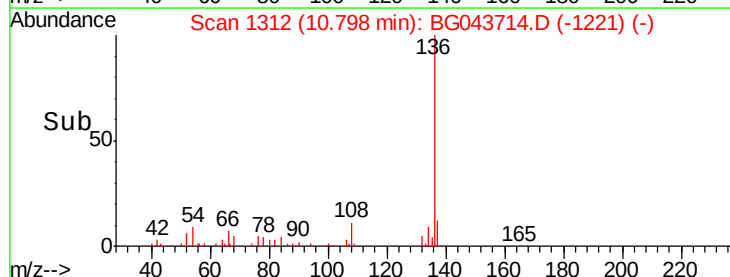
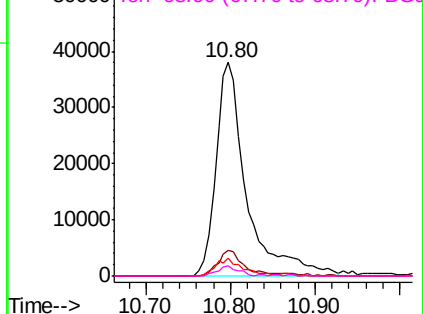
137 12.1 8.8 13.2

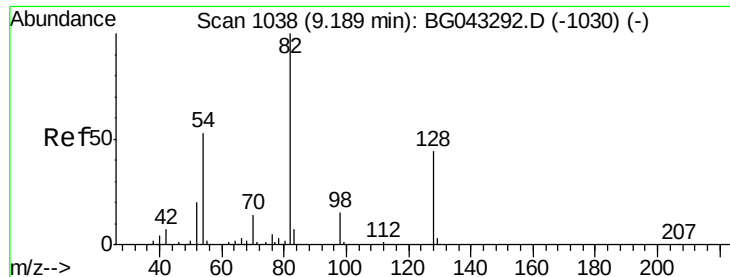
54 8.7 6.2 9.2

68 4.6 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

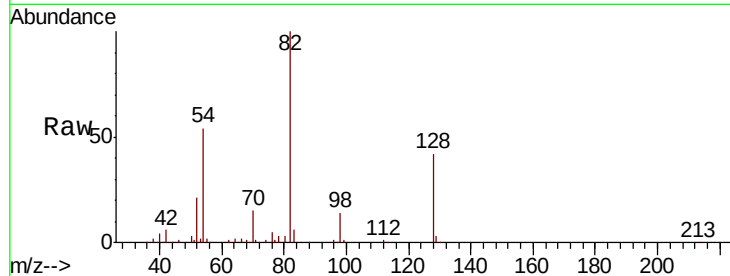




#23
Nitrobenzene-d5
Concen: 92.654 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043714.D
Acq: 20 Nov 2019 2:43

Instrument :
BNA_G
ClientSampleId :
PB124943TB

Tot Ion	82	Resp	171545
Ion Ratio	Lower	Upper	
82	100		
128	41.8	34.2	51.4
54	54.1	44.7	67.1

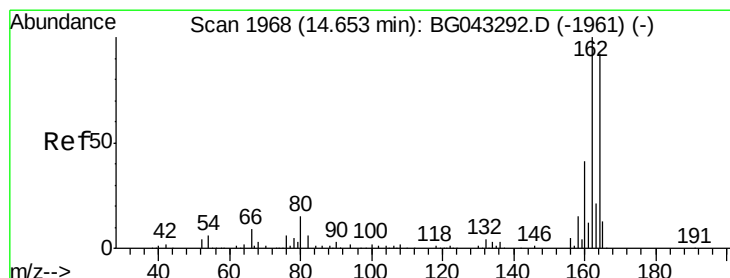
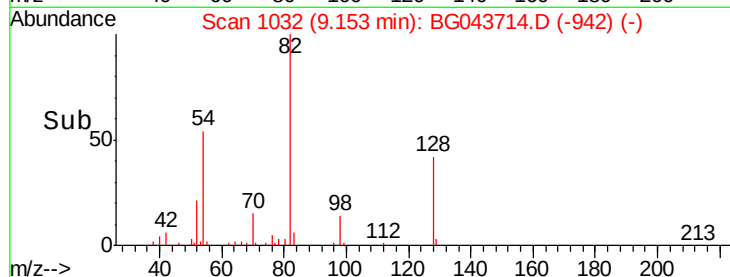
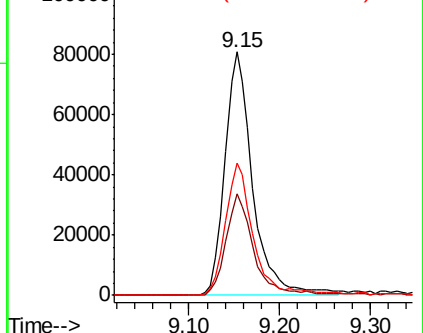


Abundance

Ion 82.00 (81.70 to 82.70): BGC

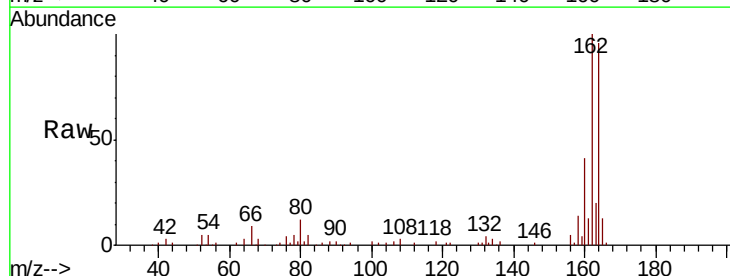
Ion 128.00 (127.70 to 128.70): BGC

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: BG043714.D
Acq: 20 Nov 2019 2:43

Tgt Ion	164	Resp	75816
Ion Ratio	Lower	Upper	
164	100		
162	103.7	79.4	119.2
160	42.4	36.3	54.5

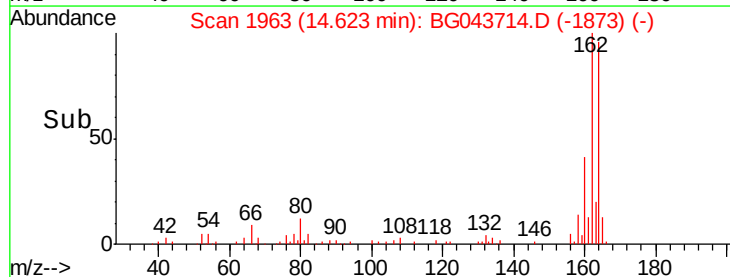
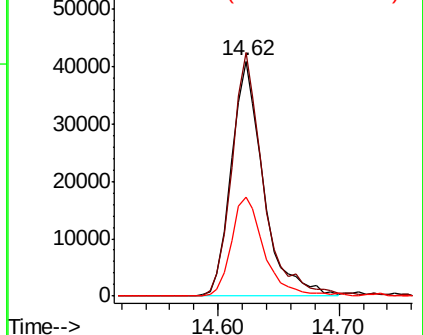


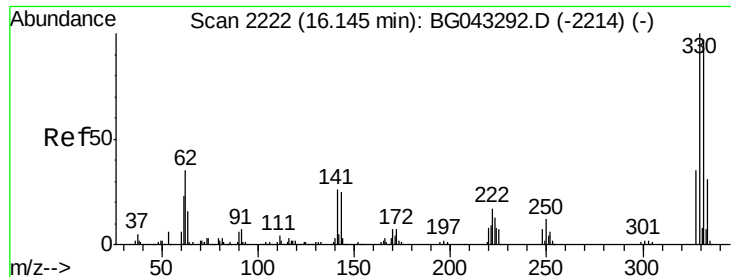
Abundance

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

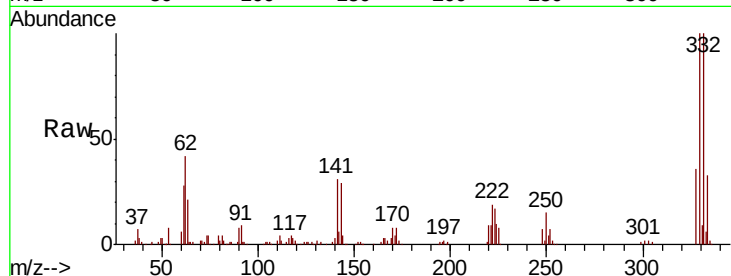




#42
 2,4,6-Tribromophenol
 Concen: 123.042 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG043714.D
 Acq: 20 Nov 2019 2:43

Instrument :
 BNA_G
 ClientSampleId :
 PB124943TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	28.6	23.4	35.2

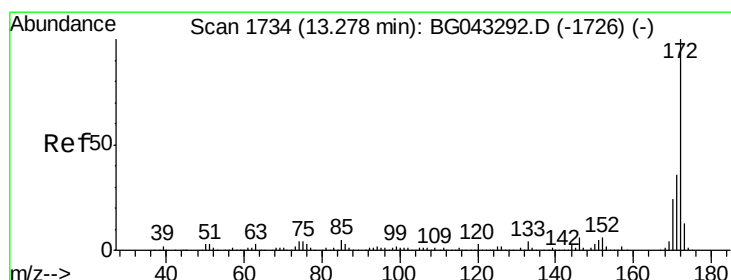
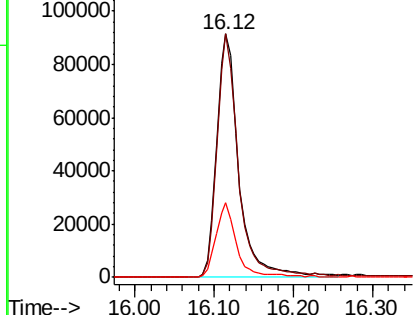
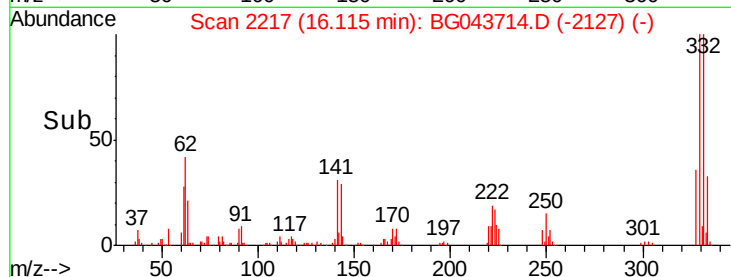


Abundance

Ion 329.80 (329.50 to 330.50): E

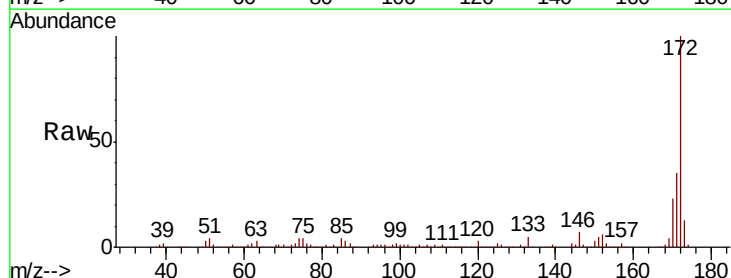
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.797 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043714.D
 Acq: 20 Nov 2019 2:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	22.7	18.8	28.2

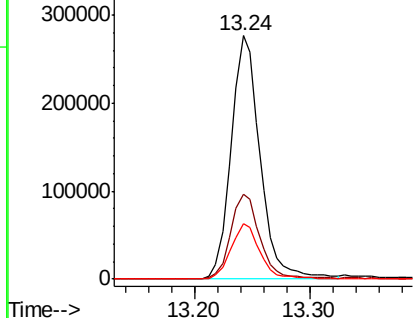
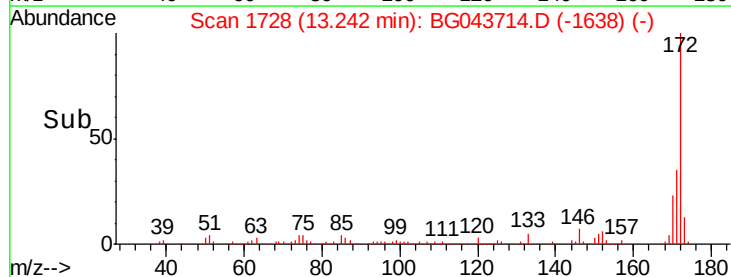


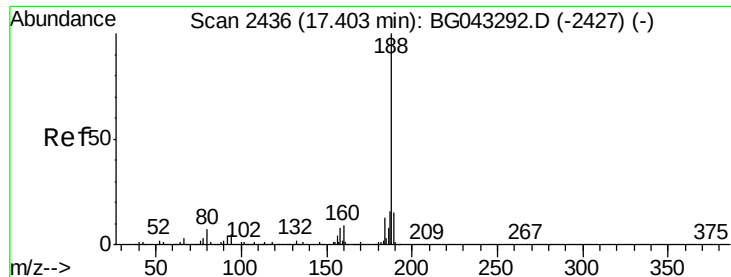
Abundance

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: BG043714.D

Acq: 20 Nov 2019 2:43

Instrument :

BNA_G

ClientSampleId :

PB124943TB

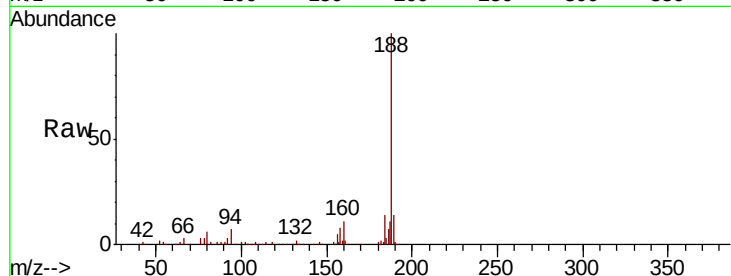
Tot Ion:188 Resp: 193701

Ion Ratio Lower Upper

188 100

94 6.6 4.6 7.0

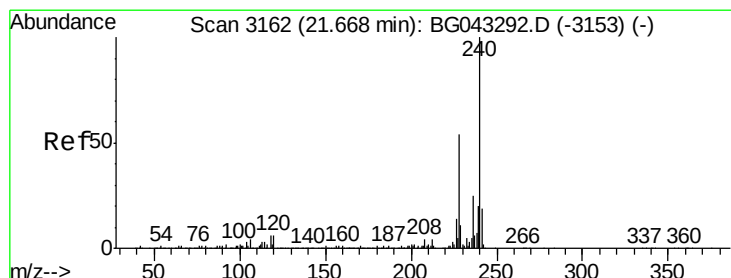
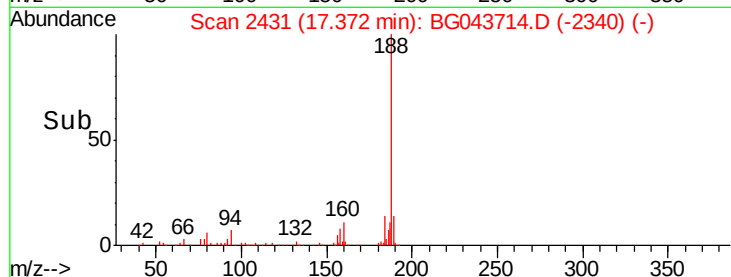
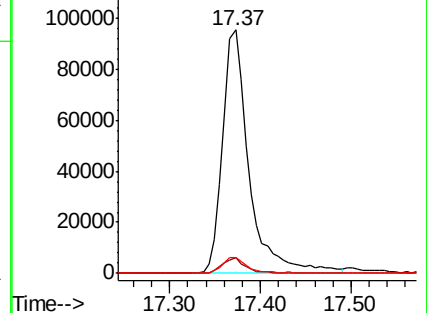
80 6.4 5.2 7.8



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: BG043714.D

Acq: 20 Nov 2019 2:43

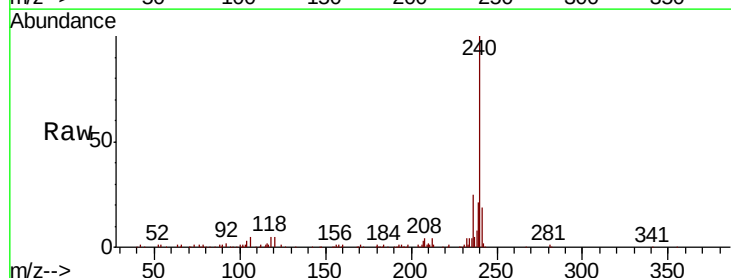
Tgt Ion:240 Resp: 215026

Ion Ratio Lower Upper

240 100

120 4.8 4.9 7.3#

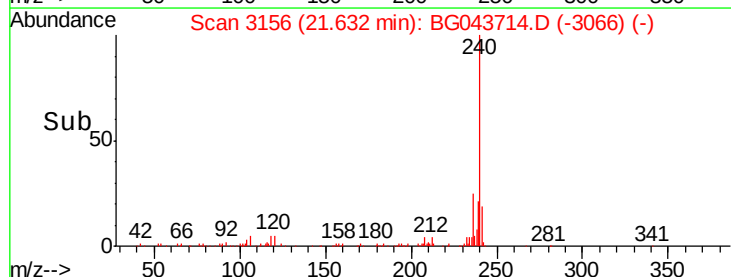
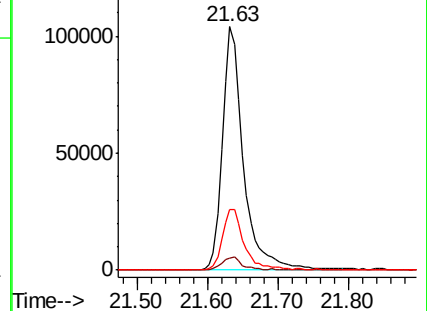
236 25.0 21.4 32.0

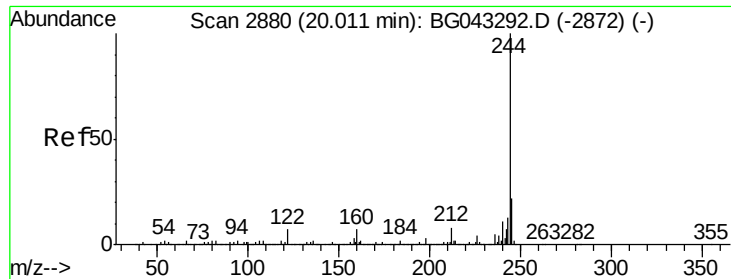


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.779 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043714.D

Acq: 20 Nov 2019 2:43

Instrument :

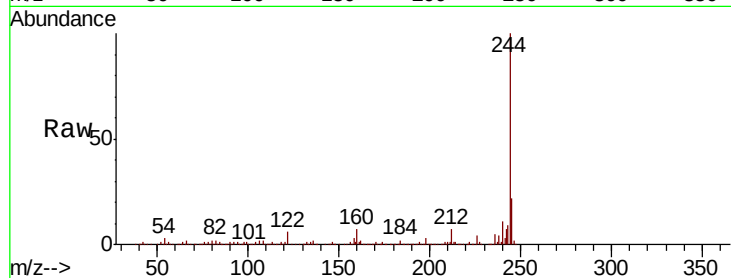
BNA_G

ClientSampleId :

PB124943TB

Tot Ion:244 Resp: 1166553

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	6.3	5.2	7.8

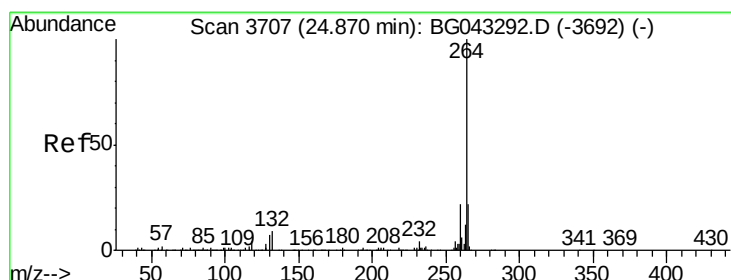
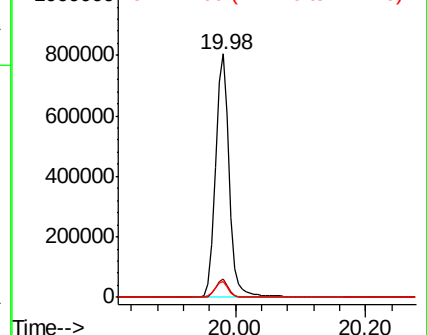
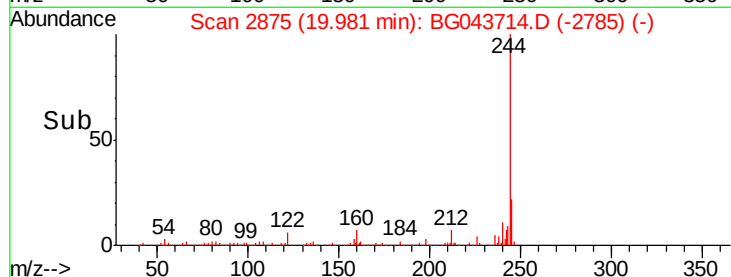


Abundance

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: 24.82 min Scan# 3698

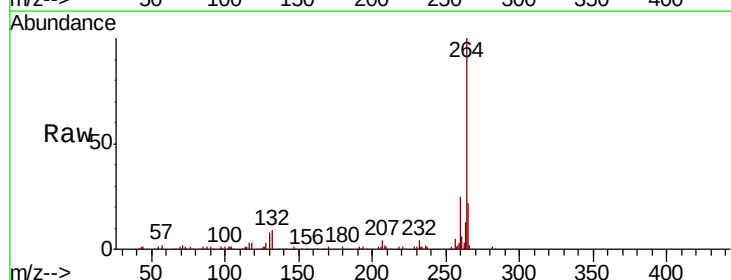
Delta R.T. 0.01 min

Lab File: BG043714.D

Acq: 20 Nov 2019 2:43

Tgt Ion:264 Resp: 246905

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	22.0	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

