

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043328.D
 Acq On : 24 Oct 2019 13:04
 Operator : JU
 Sample : PB124226BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BL

Quant Time: Oct 24 16:54:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38574	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	125961	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	101437	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	254155	20.00	ng	0.00
76) Chrysene-d12	21.66	240	306607	20.00	ng	0.00
87) Perylene-d12	24.86	264	352587	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	186733	88.71	ng	0.00
7) Phenol-d6	7.20	99	266650	88.04	ng	0.00
23) Nitrobenzene-d5	9.19	82	224821	92.02	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	153859	79.71	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	629616	85.77	ng	0.00
79) Terphenyl-d14	20.00	244	1426847	87.31	ng	0.00

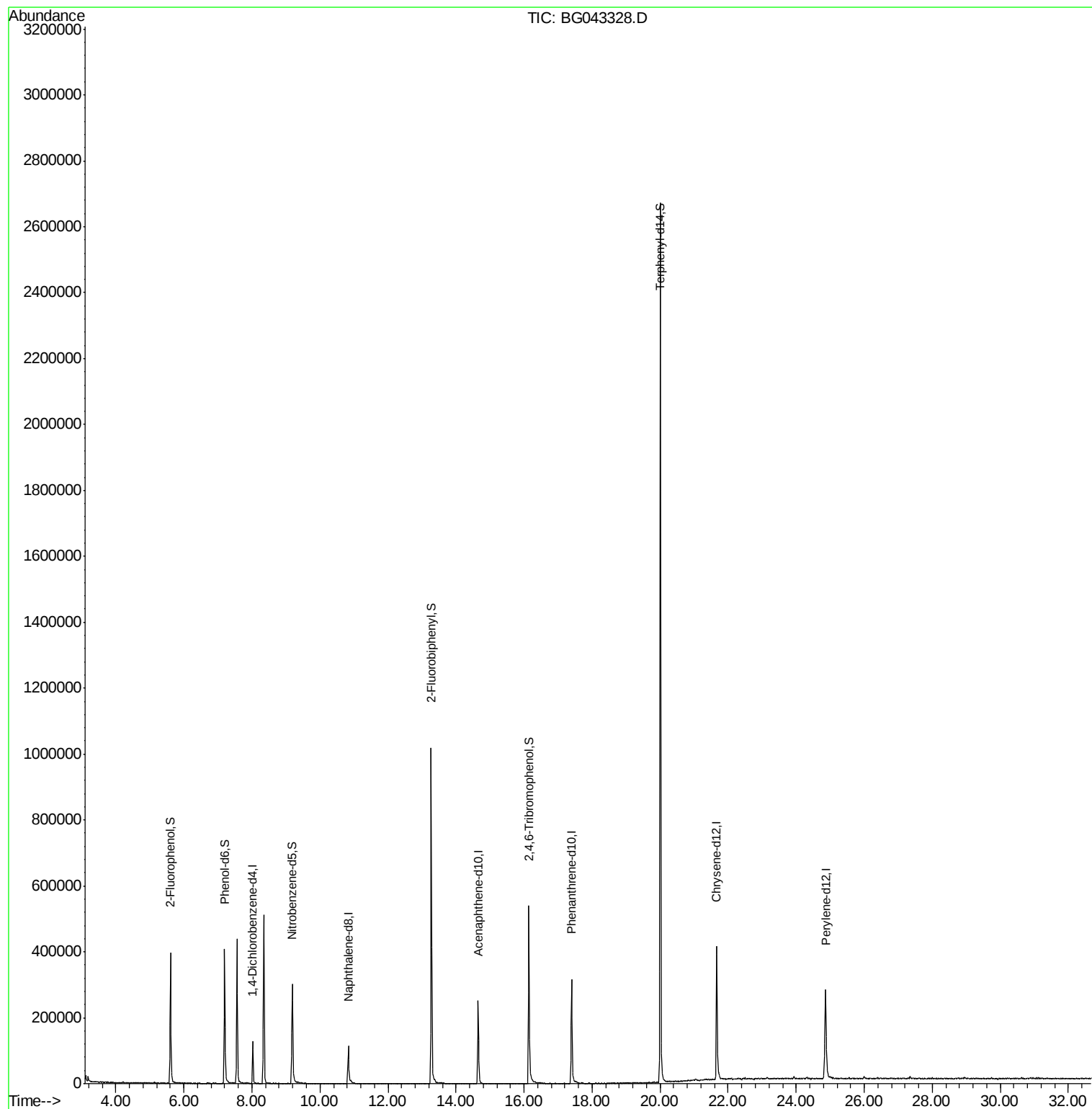
Target Compounds Qvalue

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

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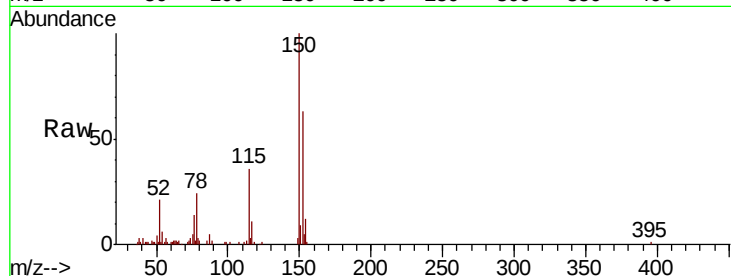


#1

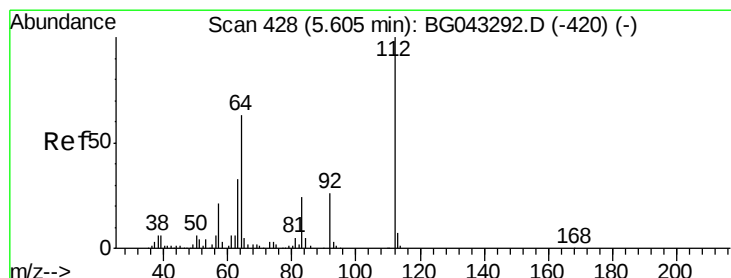
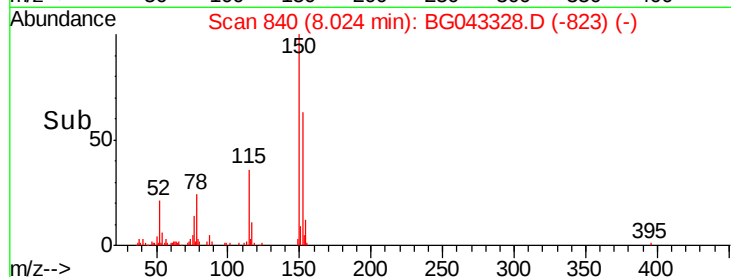
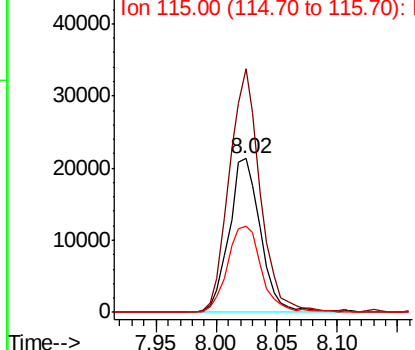
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043328.D
Acq: 24 Oct 2019 13:04

Instrument :
BNA_G
ClientSampleId :
PB124226BL

Tot Ion:152 Resp: 38574
Ion Ratio Lower Upper
152 100
150 158.4 113.6 170.4
115 56.3 45.9 68.9



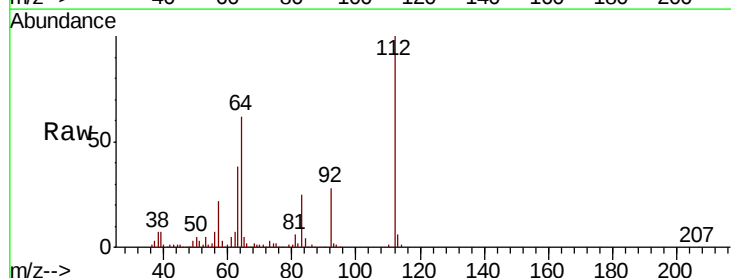
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



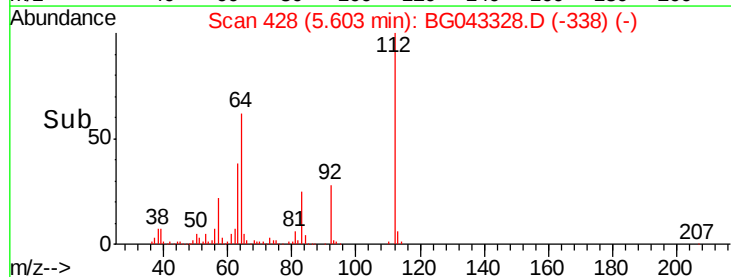
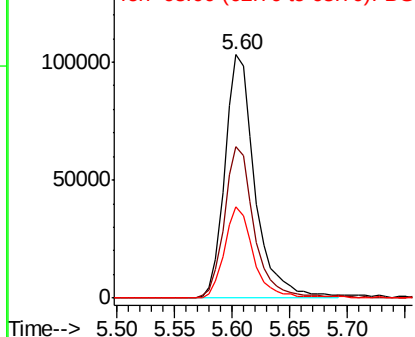
#5

2-Fluorophenol
Concen: 88.707 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043328.D
Acq: 24 Oct 2019 13:04

Tgt Ion:112 Resp: 186733
Ion Ratio Lower Upper
112 100
64 62.2 50.2 75.2
63 37.6 26.7 40.1



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: 88.042 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

Instrument :

BNA_G

ClientSampleId :

PB124226BL

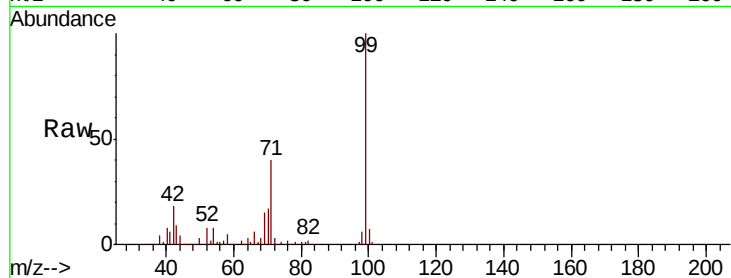
Tot Ion: 99 Resp: 266650

Ion Ratio Lower Upper

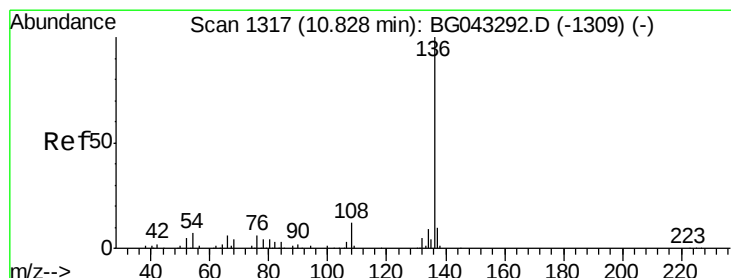
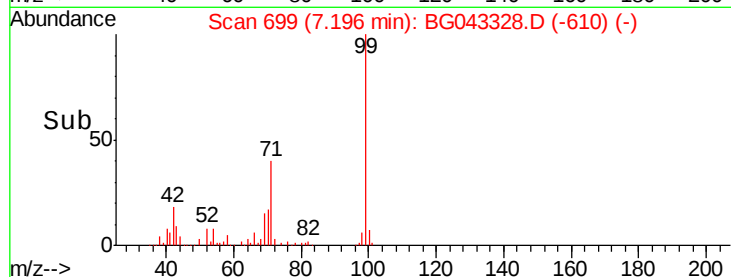
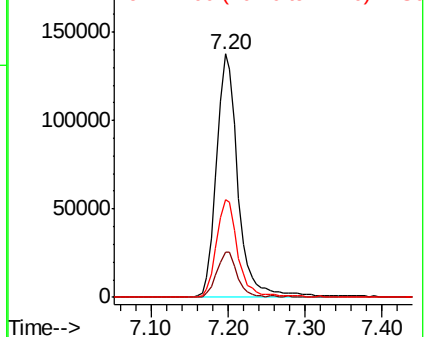
99 100

42 18.3 14.9 22.3

71 40.3 32.2 48.2



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

Tgt Ion: 136 Resp: 125961

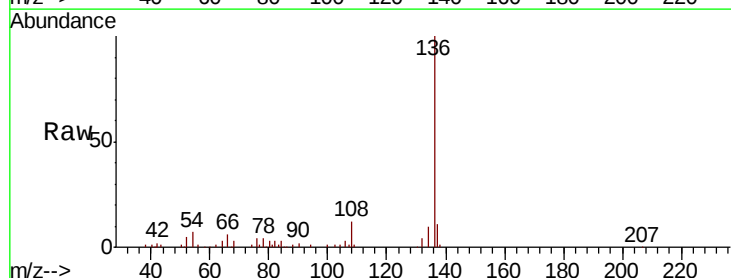
Ion Ratio Lower Upper

136 100

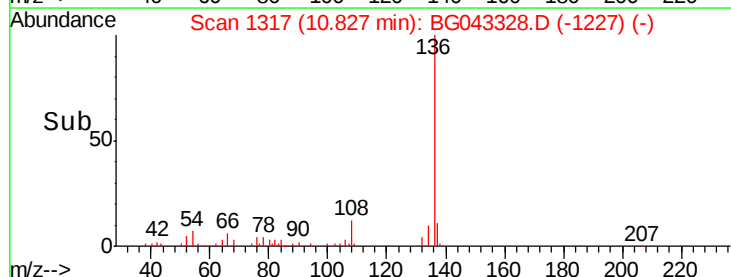
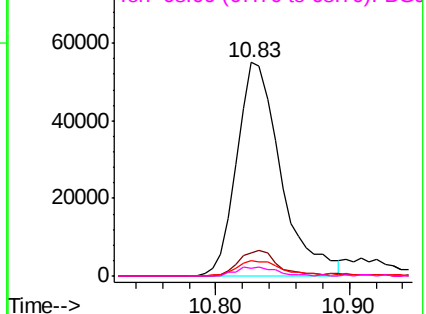
137 10.5 8.2 12.2

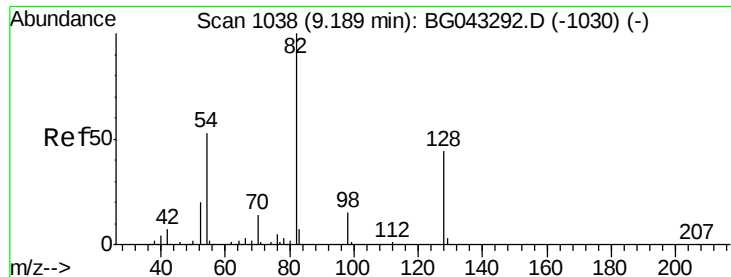
54 7.0 5.4 8.2

68 3.3 3.3 4.9



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: 92.017 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

Instrument :

BNA_G

ClientSampled :

PB124226BL

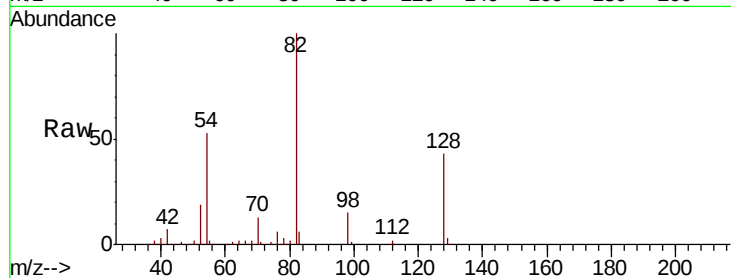
Tot Ion: 82 Resp: 224821

Ion Ratio Lower Upper

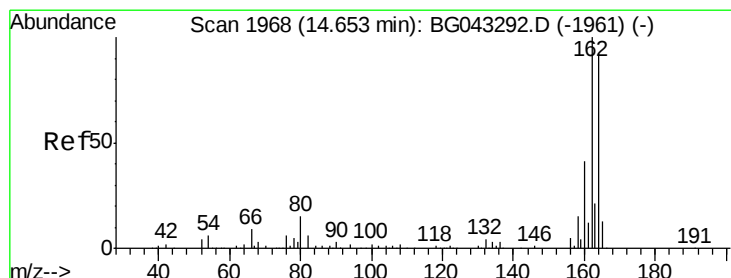
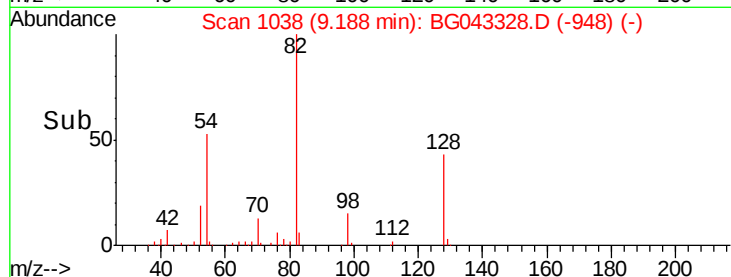
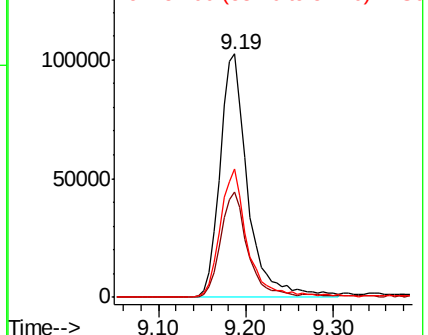
82 100

128 43.0 35.3 52.9

54 52.7 42.3 63.5



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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

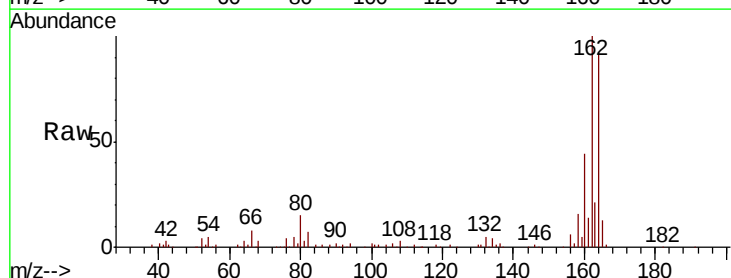
Tgt Ion:164 Resp: 101437

Ion Ratio Lower Upper

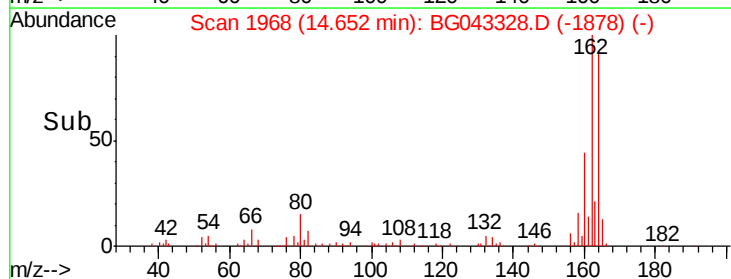
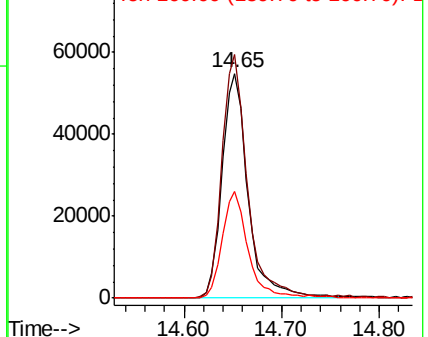
164 100

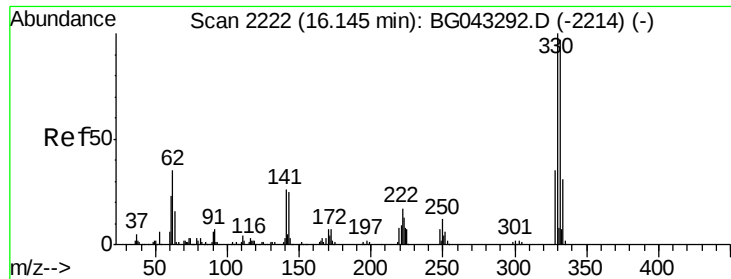
162 108.4 87.0 130.4

160 47.7 35.5 53.3



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

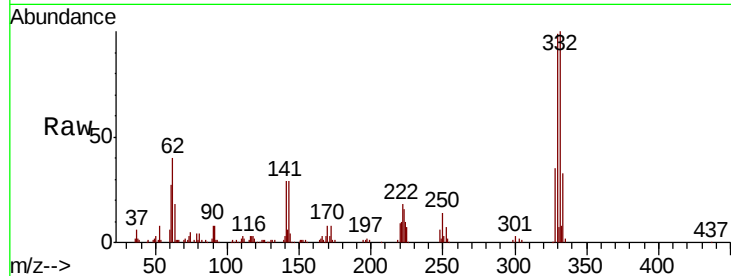




#42
2,4,6-Tribromophenol
Concen: 79.705 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043328.D
Acq: 24 Oct 2019 13:04

Instrument :
BNA_G
ClientSampleId :
PB124226BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.4	114.6
141	29.0	21.4	32.0

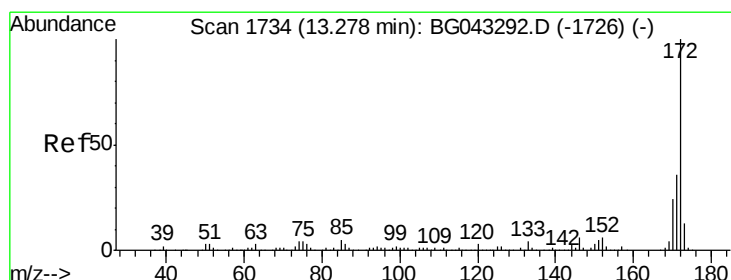
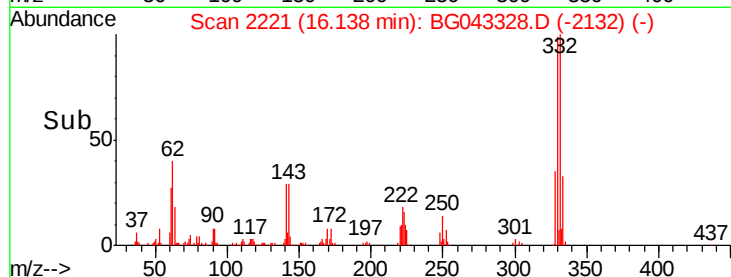
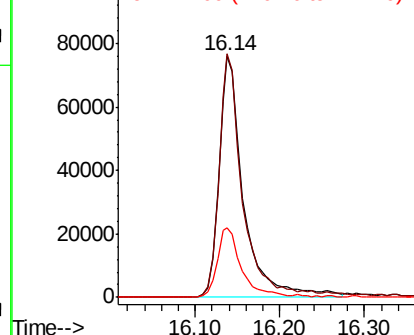


Abundance

Ion 329.80 (329.50 to 330.50): E

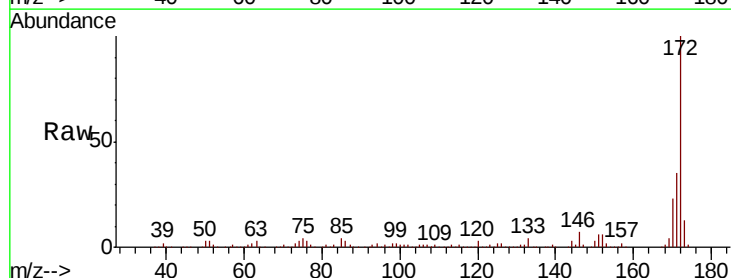
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 85.768 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043328.D
Acq: 24 Oct 2019 13:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.1	18.8	28.2

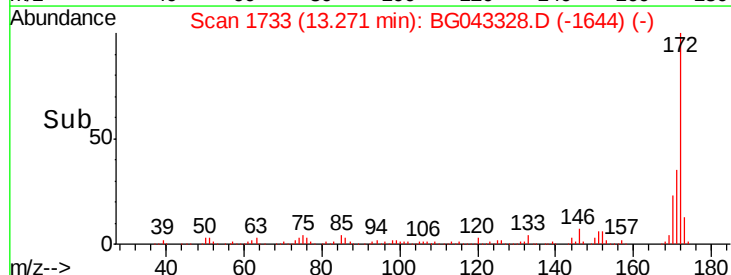
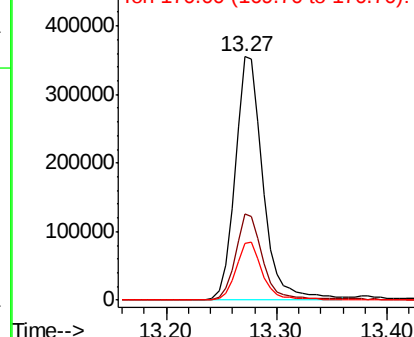


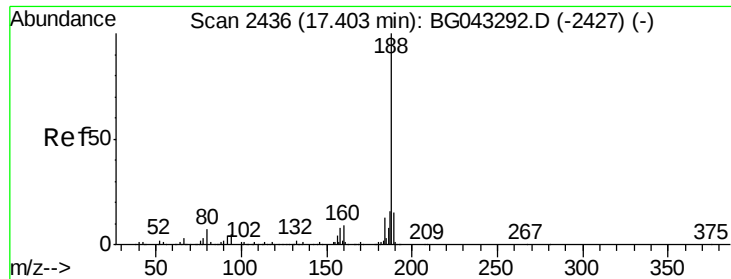
Abundance

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

Instrument :

BNA_G

ClientSampleId :

PB124226BL

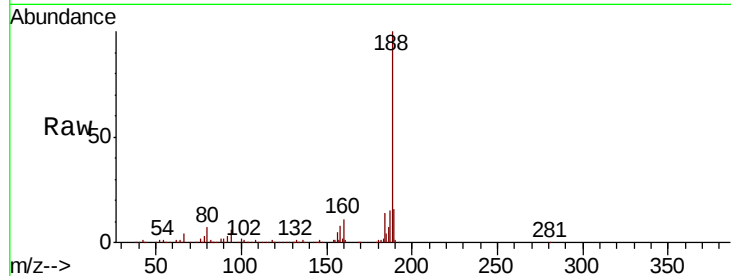
Tot Ion:188 Resp: 254155

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

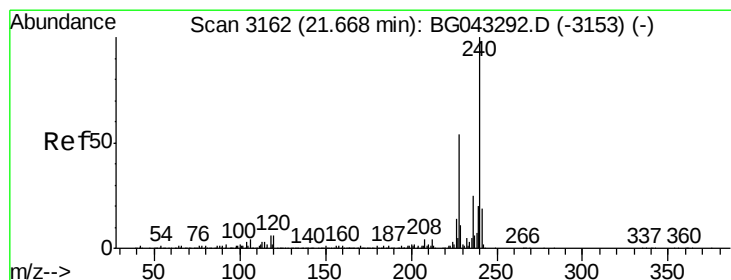
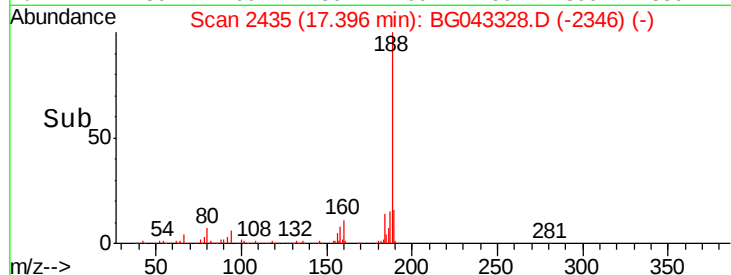
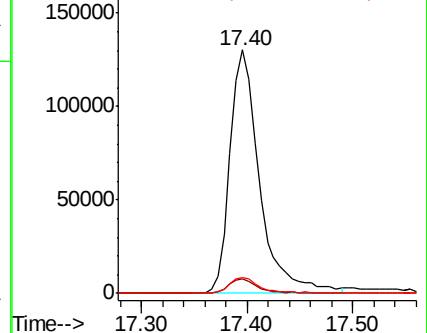
80 6.7 5.2 7.8



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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

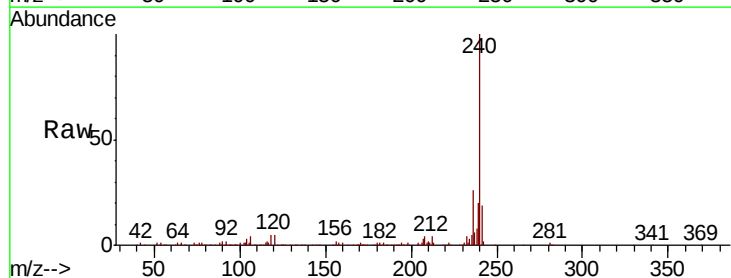
Tgt Ion:240 Resp: 306607

Ion Ratio Lower Upper

240 100

120 5.1 4.6 7.0

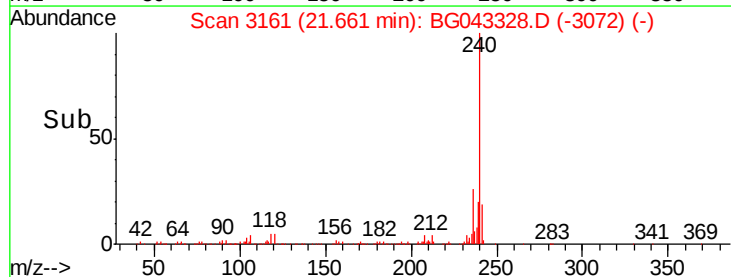
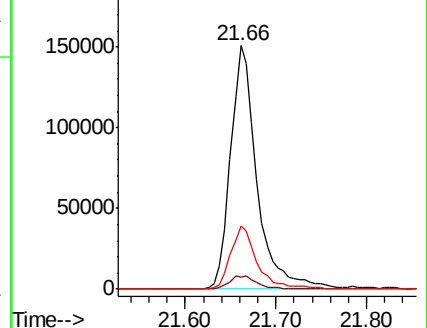
236 25.7 20.2 30.4

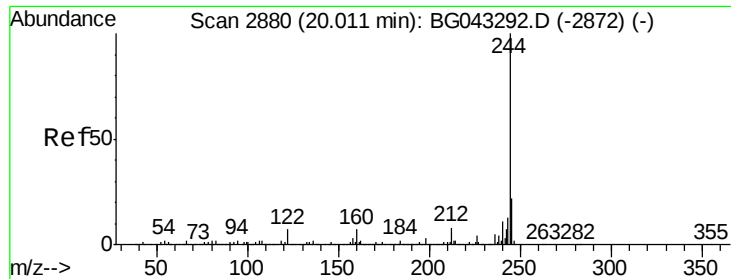


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.305 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

Instrument :

BNA_G

ClientSampleId :

PB124226BL

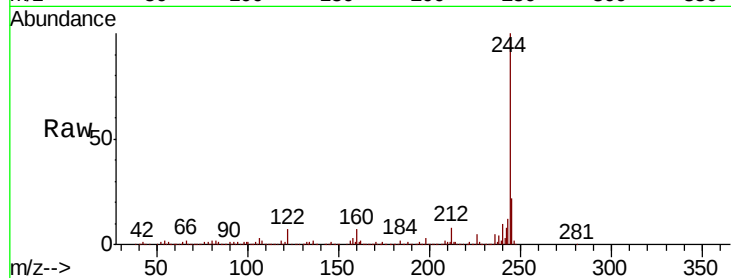
Tot Ion:244 Resp: 1426847

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

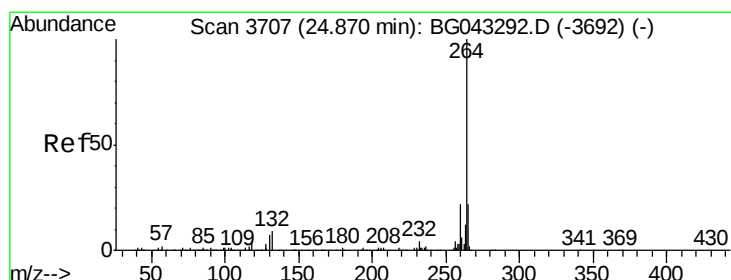
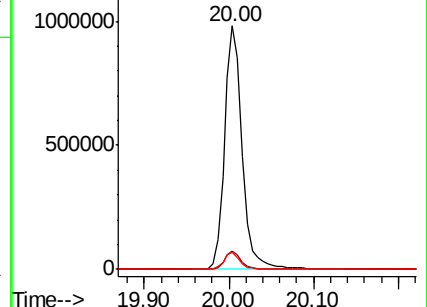
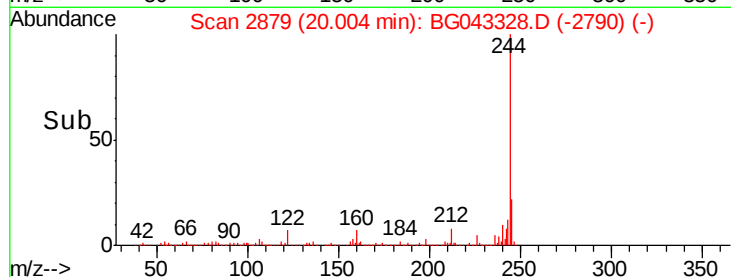
122 7.1 5.3 7.9



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: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

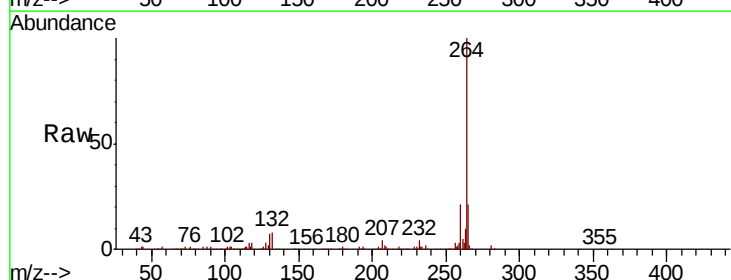
Tgt Ion:264 Resp: 352587

Ion Ratio Lower Upper

264 100

260 21.2 17.9 26.9

265 21.1 17.4 26.2



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

