

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043656.D
 Acq On : 15 Nov 2019 18:36
 Operator : JU
 Sample : PB124801BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BL

Quant Time: Nov 16 02:09:14 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	7.99	152	21383	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	73338	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	62077	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	165236	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	188544	20.00	ng	-0.02
87) Perylene-d12	24.82	264	219580	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	99899	85.61	ng	0.00
7) Phenol-d6	7.19	99	85531	50.94	ng	-0.01
23) Nitrobenzene-d5	9.15	82	145314	102.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	162739	137.76	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	420036	93.50	ng	-0.02
79) Terphenyl-d14	19.98	244	1078893	107.35	ng	-0.02

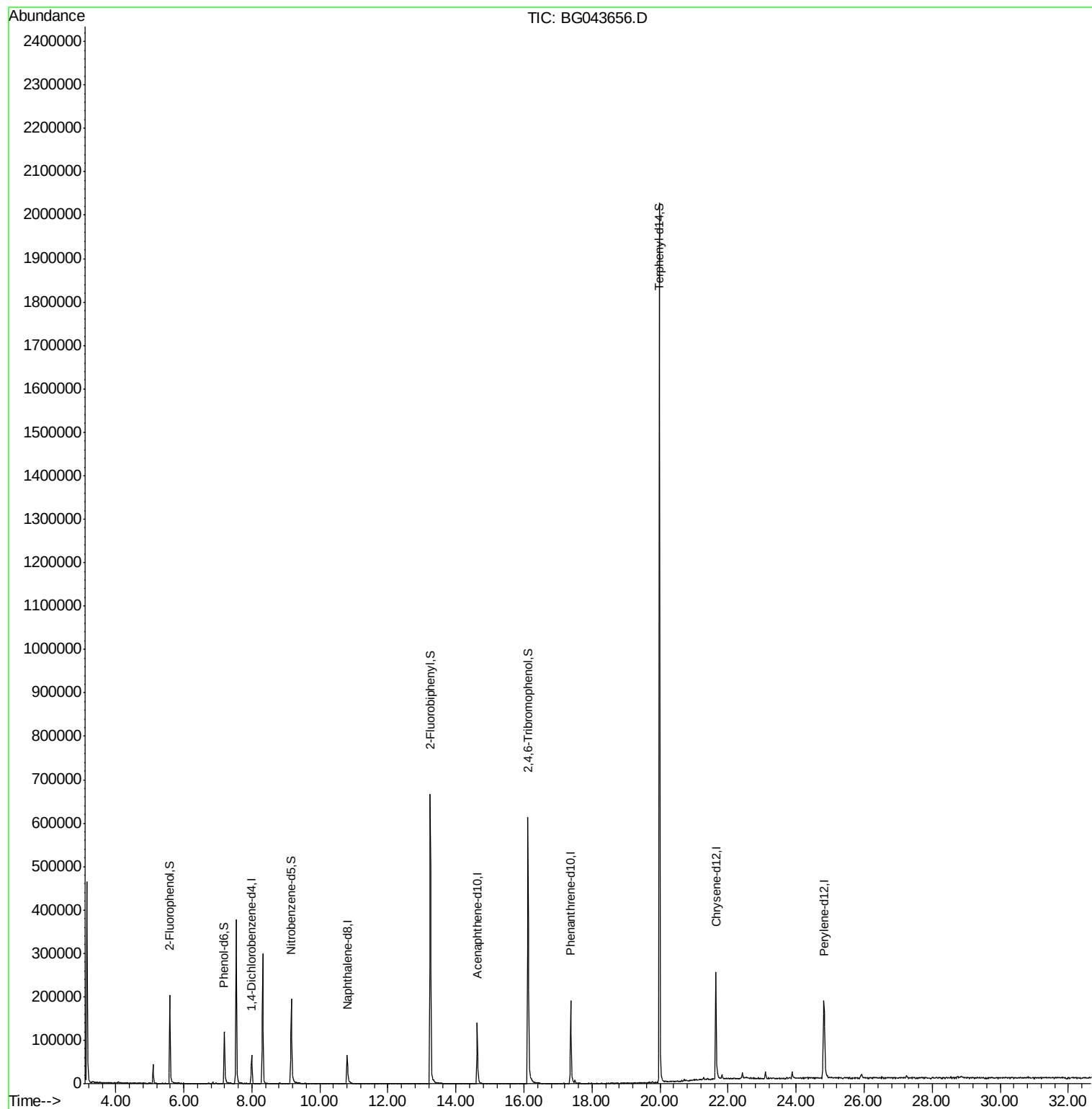
Target Compounds Qvalue

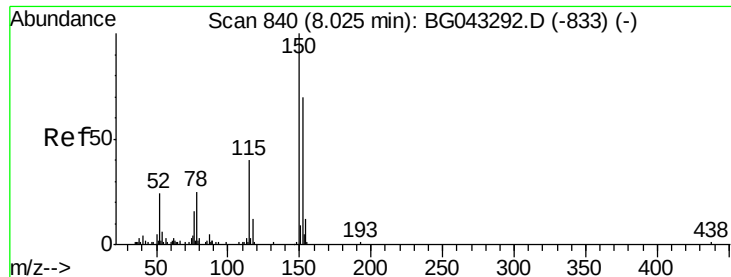
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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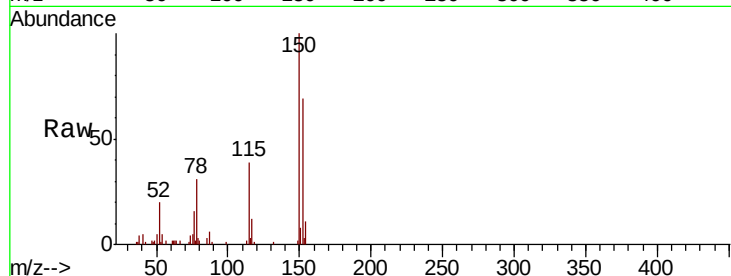


#1

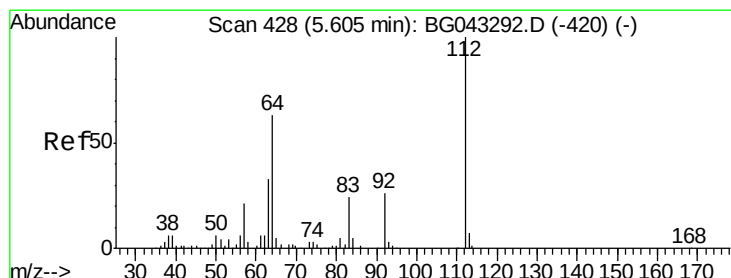
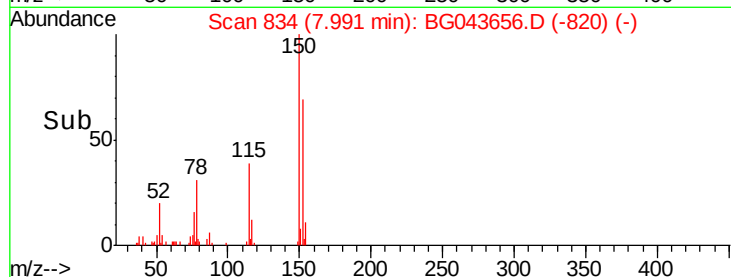
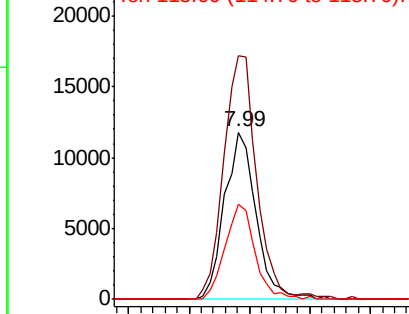
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

Instrument :
BNA_G
ClientSampleId :
PB124801BL

Tot Ion:152 Resp: 21383
Ion Ratio Lower Upper
152 100
150 145.8 129.4 194.0
115 57.2 48.8 73.2



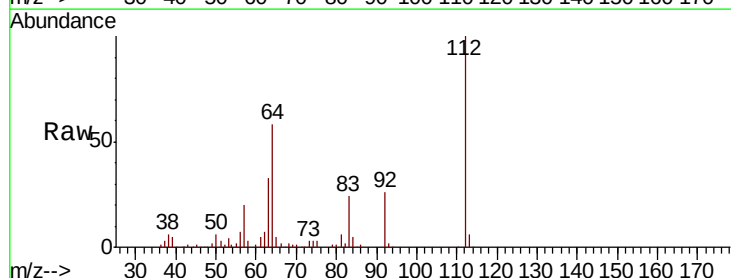
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



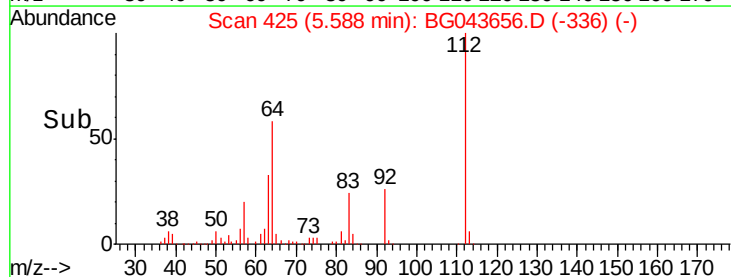
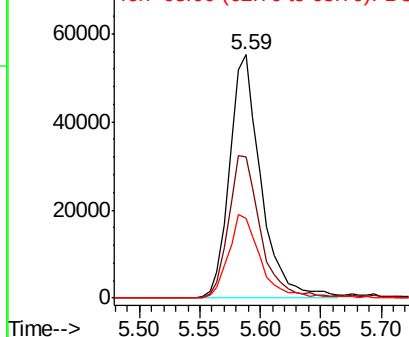
#5

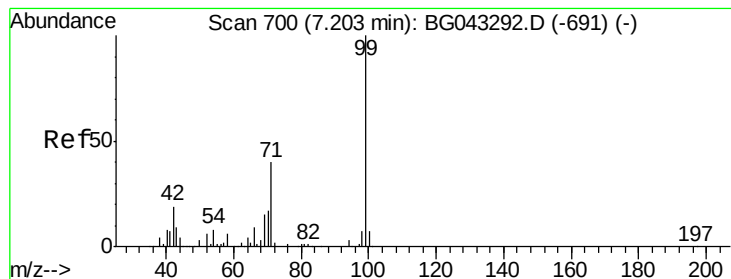
2-Fluorophenol
Concen: 85.610 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

Tgt Ion:112 Resp: 99899
Ion Ratio Lower Upper
112 100
64 57.9 50.0 75.0
63 32.6 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: 50.944 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampled :

PB124801BL

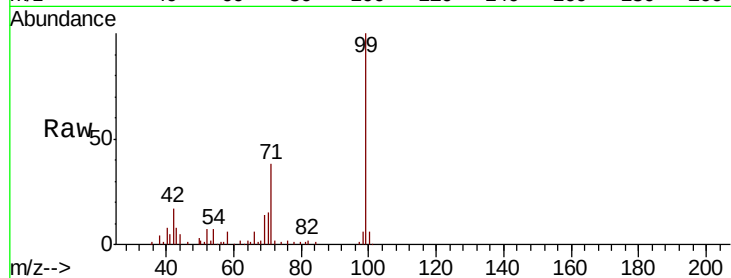
Tot Ion: 99 Resp: 85531

Ion Ratio Lower Upper

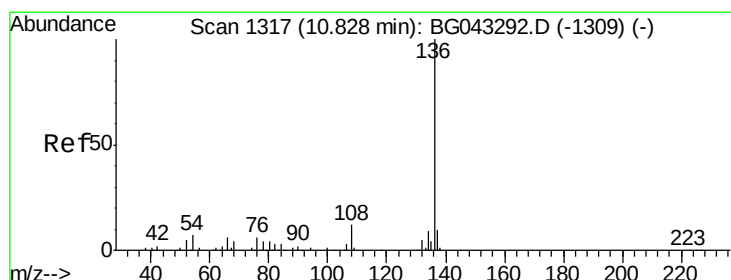
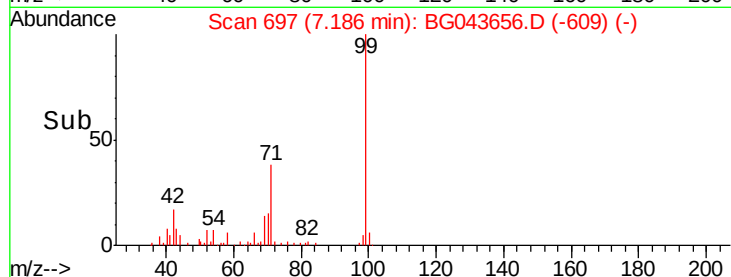
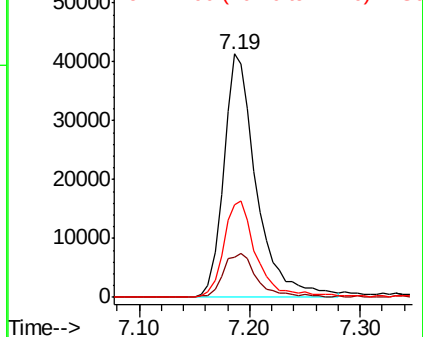
99 100

42 16.7 14.6 21.8

71 38.1 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# 1312

Delta R.T. -0.02 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Tgt Ion: 136 Resp: 73338

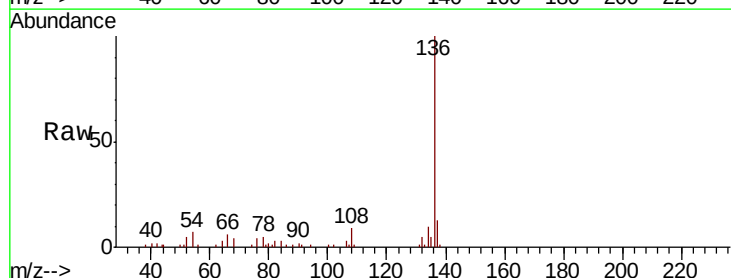
Ion Ratio Lower Upper

136 100

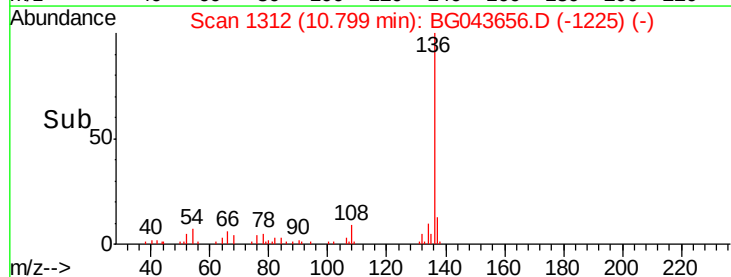
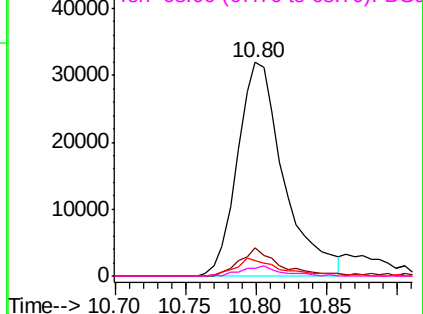
137 13.1 8.7 13.1#

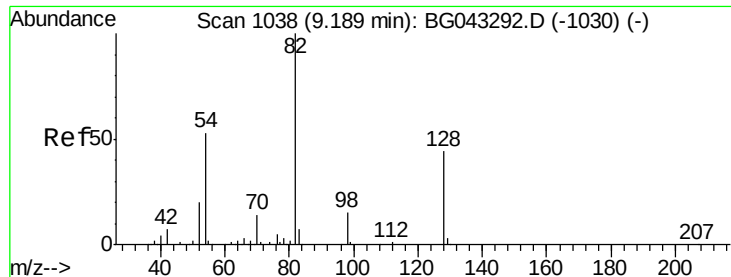
54 7.5 5.4 8.2

68 3.6 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

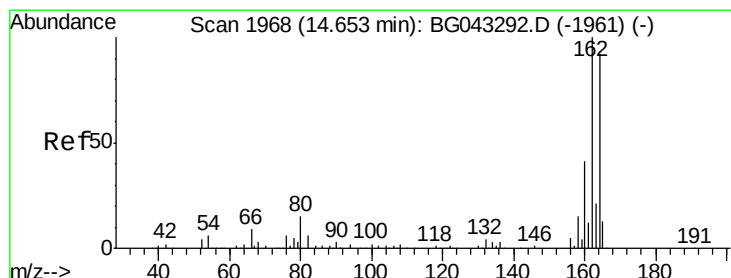
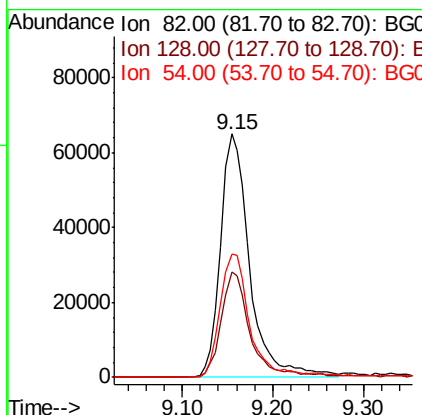
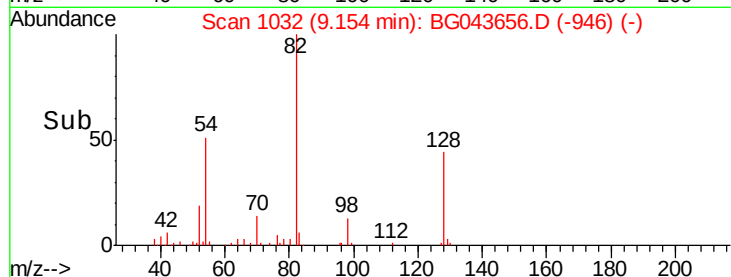
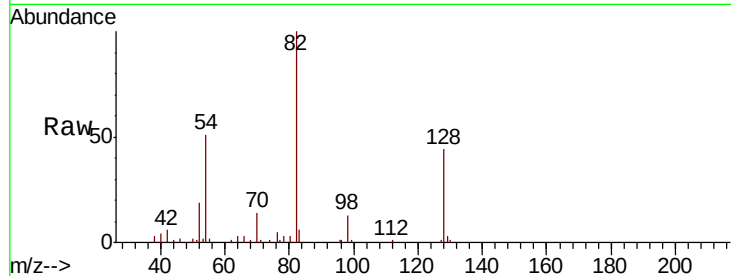




#23
Nitrobenzene-d5
Concen: 102.152 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

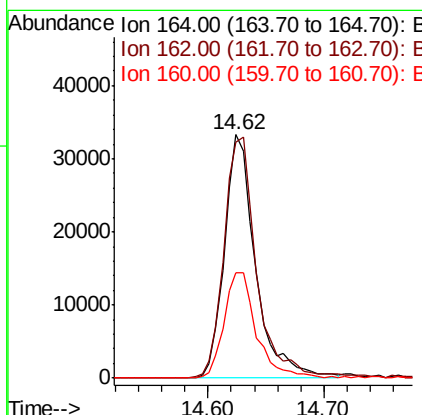
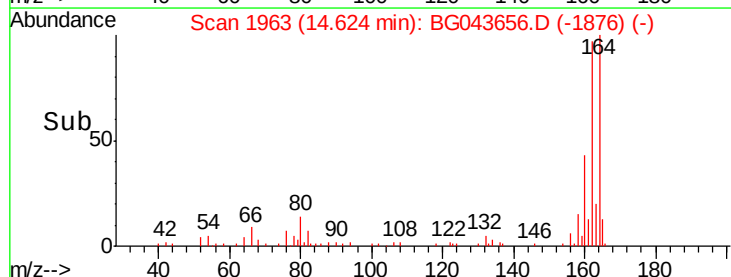
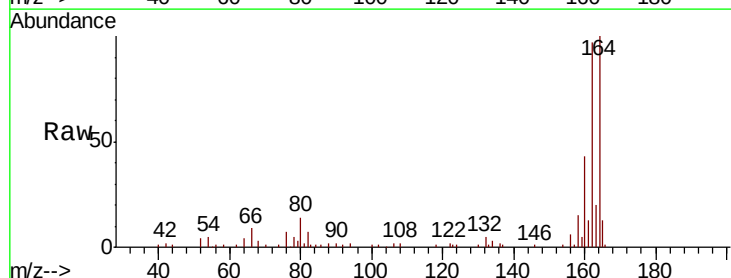
Instrument :
BNA_G
ClientSampleId :
PB124801BL

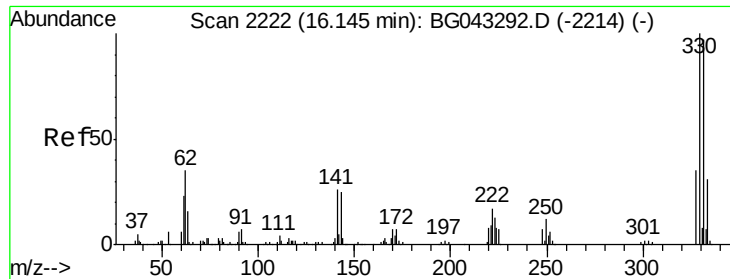
Tot Ion: 82 Resp: 145314
Ion Ratio Lower Upper
82 100
128 43.5 35.0 52.6
54 50.6 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

Tgt Ion: 164 Resp: 62077
Ion Ratio Lower Upper
164 100
162 97.0 83.5 125.3
160 43.5 36.5 54.7

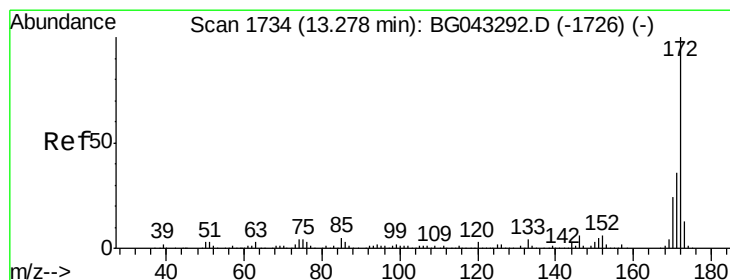
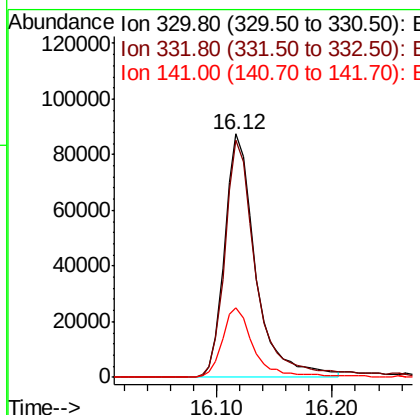
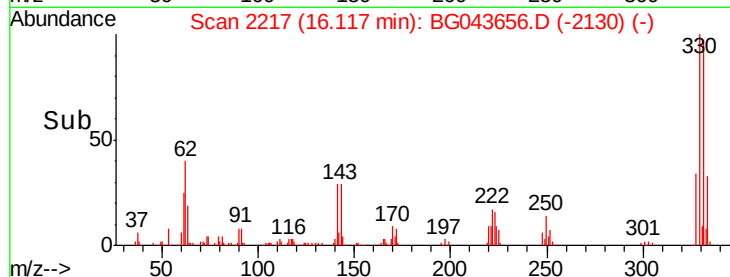
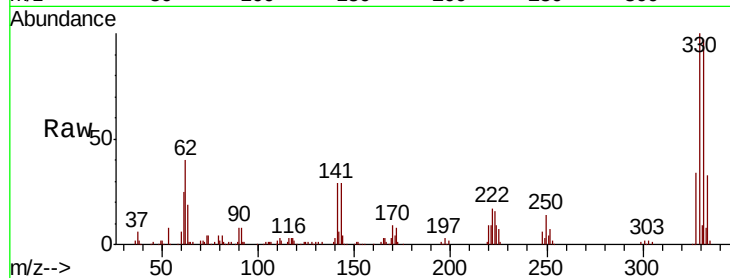




#42
 2,4,6-Tribromophenol
 Concen: 137.759 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

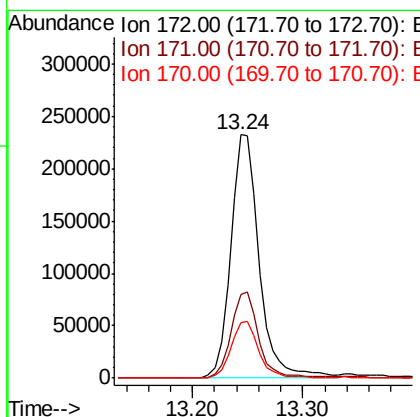
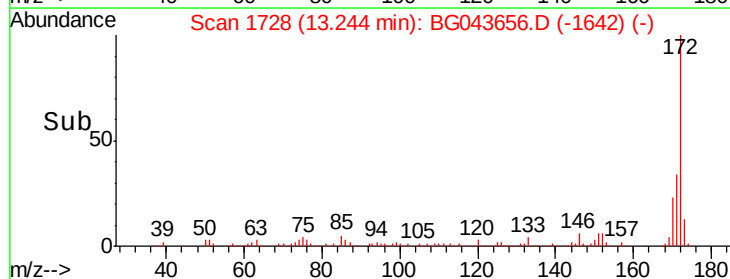
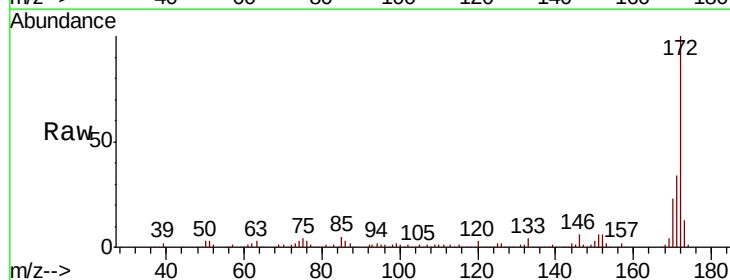
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BL

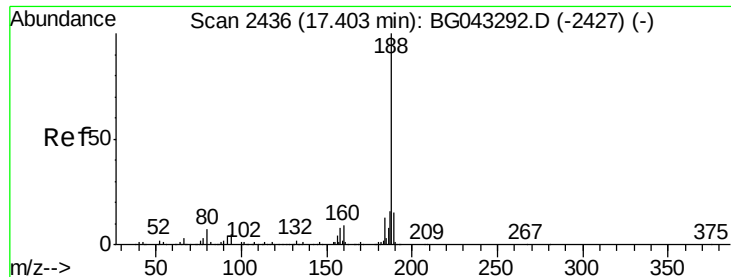
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.4	116.0
141	28.7	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 93.498 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.02 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.9	43.3
170	22.7	18.5	27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

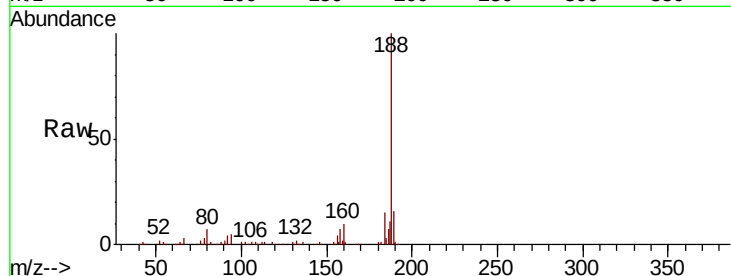
Tot Ion:188 Resp: 165236

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.4

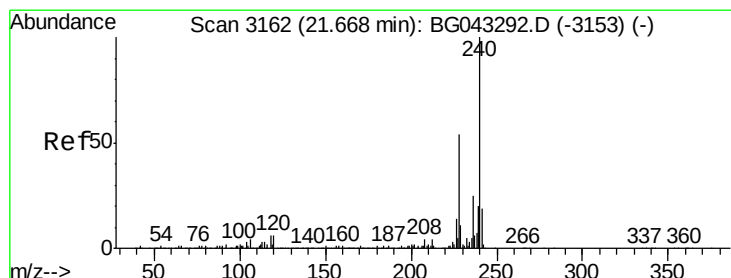
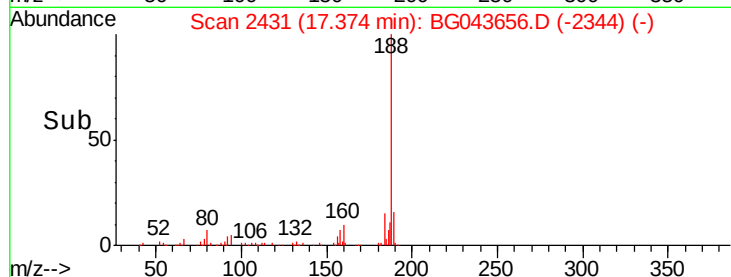
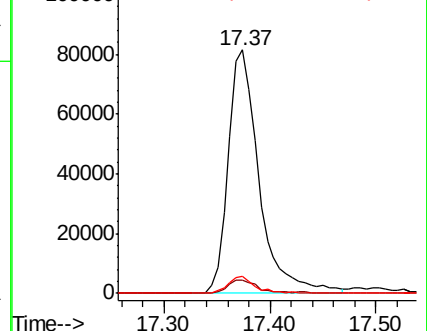
80 6.8 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

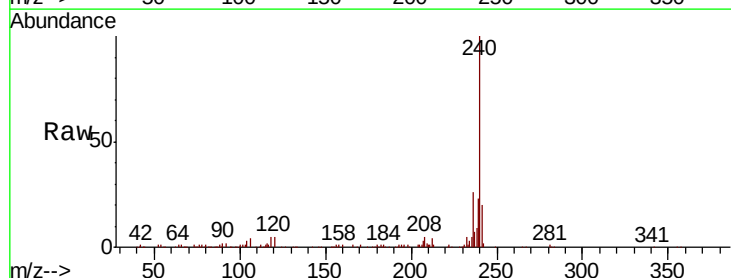
Tgt Ion:240 Resp: 188544

Ion Ratio Lower Upper

240 100

120 5.2 4.6 6.8

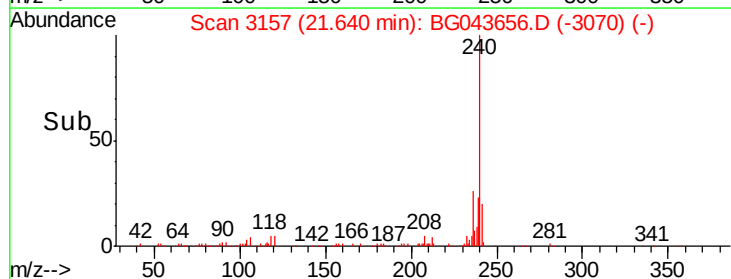
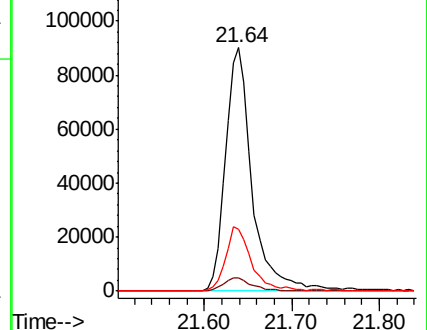
236 25.6 19.8 29.8

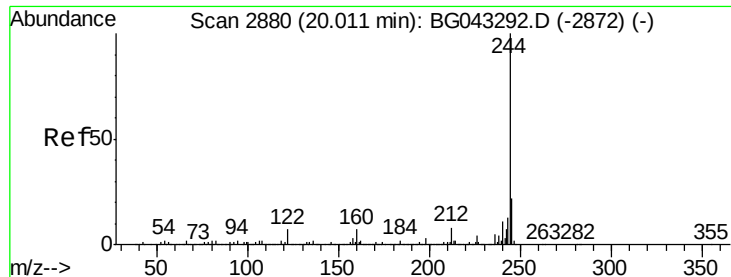


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.352 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

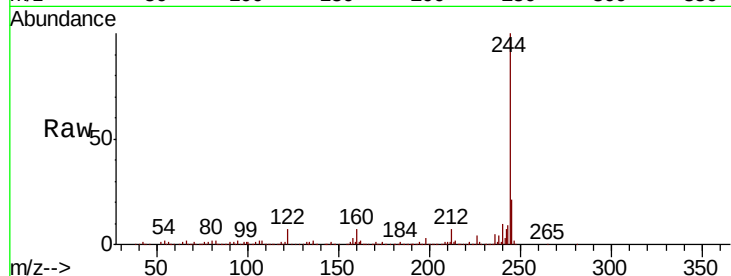
Tot Ion:244 Resp: 1078893

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

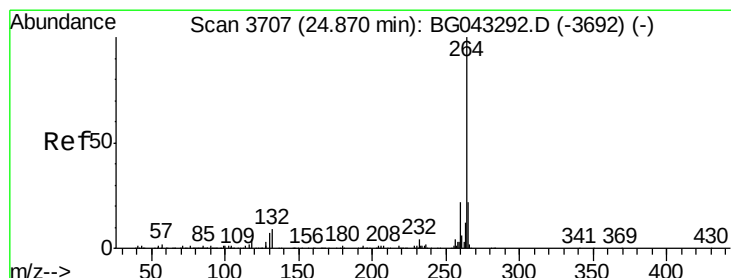
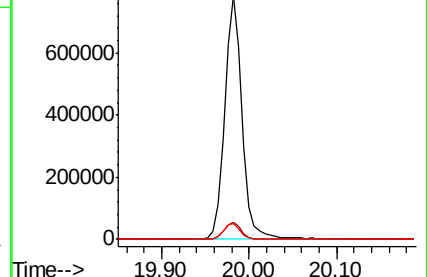
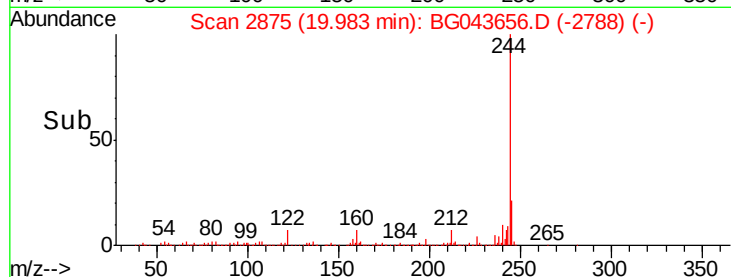
122 6.7 5.4 8.2



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. -0.03 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

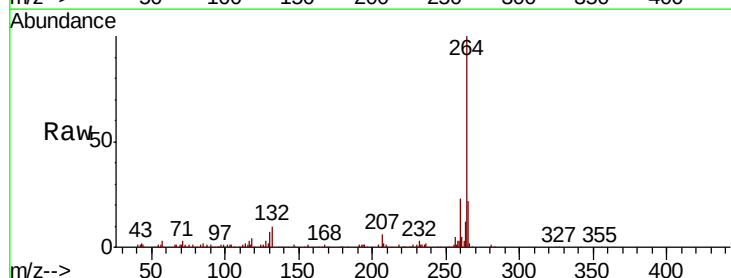
Tgt Ion:264 Resp: 219580

Ion Ratio Lower Upper

264 100

260 23.2 17.5 26.3

265 22.1 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

