

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
 Data File : BG043322.D
 Acq On : 23 Oct 2019 23:48
 Operator : JU
 Sample : K5505-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 55-ST-22

Quant Time: Oct 24 07:11:17 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

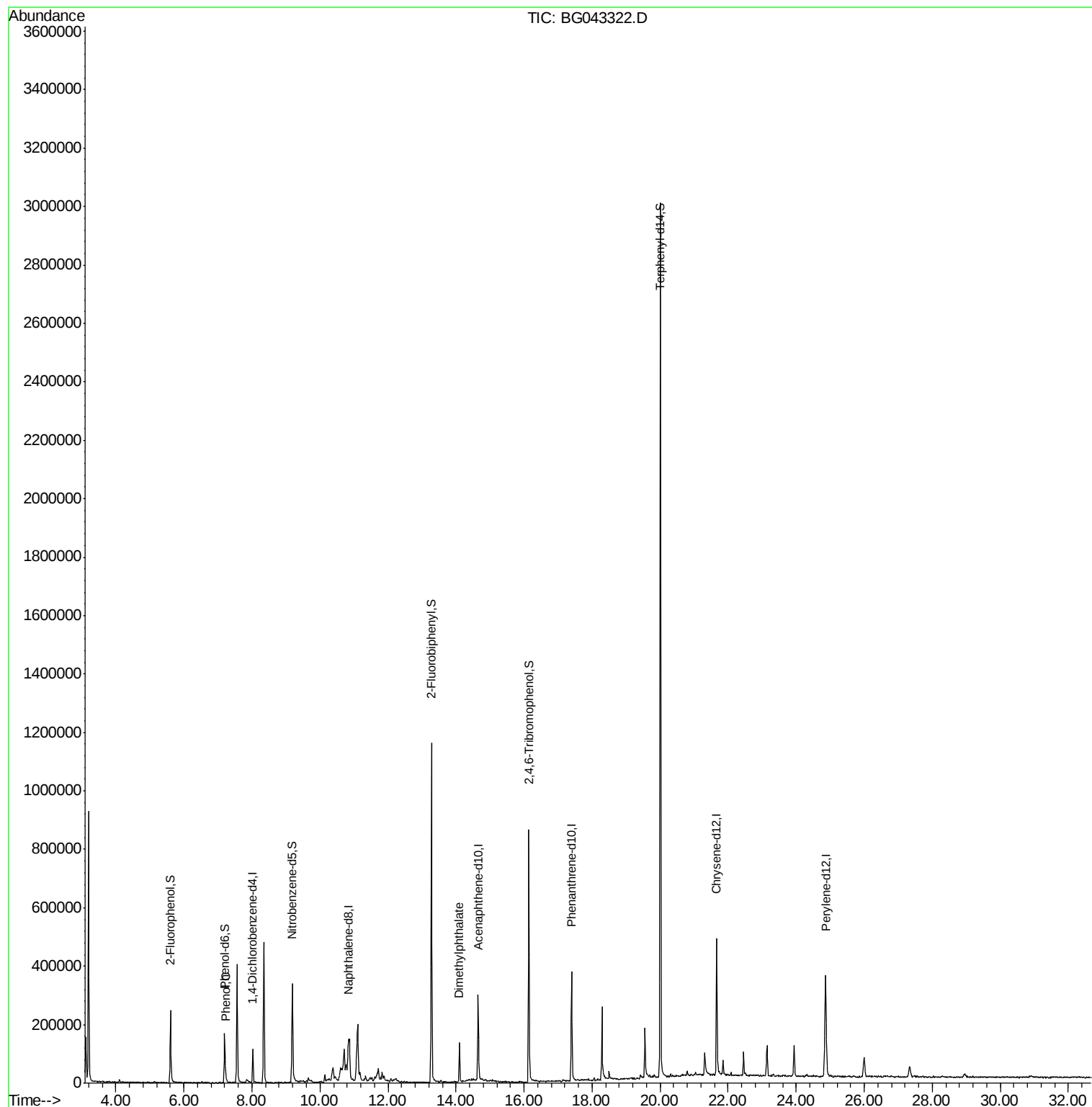
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36053	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	114892	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	102510	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	262436	20.00	ng	0.00
76) Chrysene-d12	21.66	240	319389	20.00	ng	0.00
87) Perylene-d12	24.86	264	361438	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	122075	62.05	ng	0.00
7) Phenol-d6	7.20	99	112260	39.66	ng	0.00
23) Nitrobenzene-d5	9.19	82	234273	105.12	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	203122	104.12	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	679096	91.54	ng	0.00
79) Terphenyl-d14	20.00	244	1570414	92.24	ng	0.00
Target Compounds						
10) Phenol	7.23	94	5662	2.189	ng	81
50) Dimethylphthalate	14.10	163	93127	11.729	ng	# 99

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

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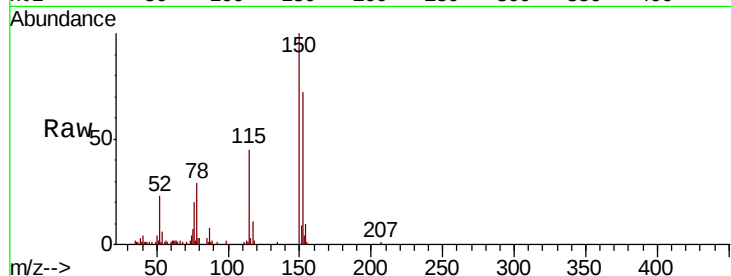


#1

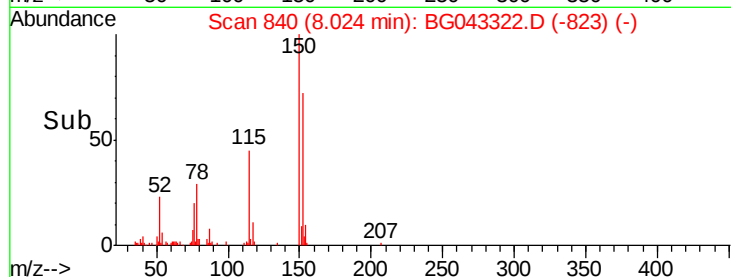
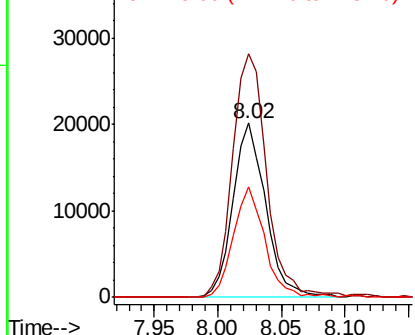
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043322.D
Acq: 23 Oct 2019 23:48

Instrument :
BNA_G
ClientSampleId :
55-ST-22

Tot Ion	152	Resp	36053
Ion Ratio	Lower	Upper	
152	100		
150	139.8	113.6	170.4
115	63.6	45.9	68.9



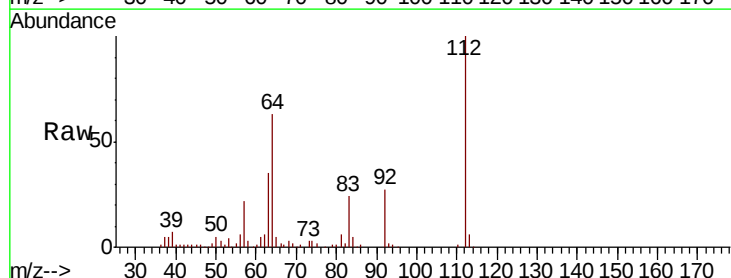
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



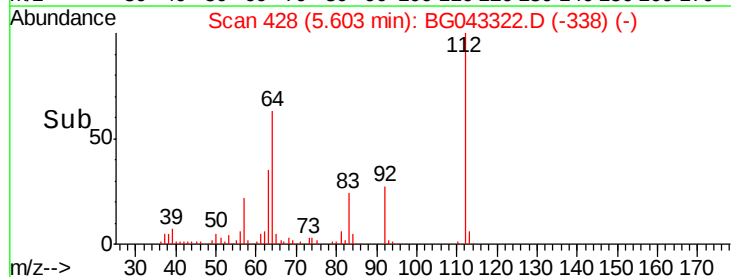
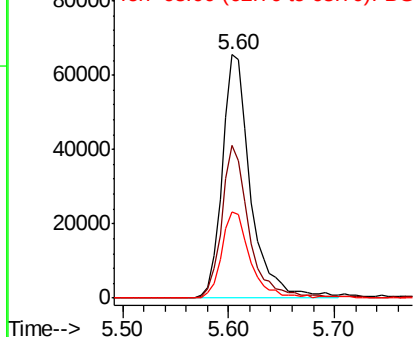
#5

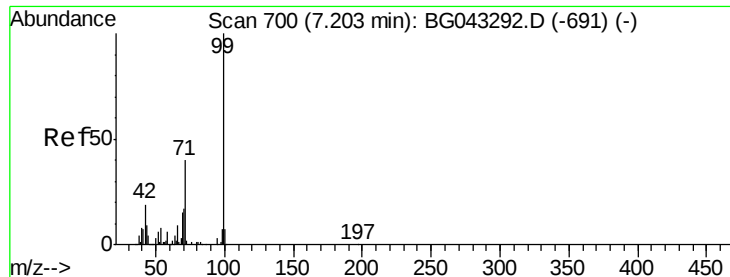
2-Fluorophenol
Concen: 62.046 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043322.D
Acq: 23 Oct 2019 23:48

Tgt Ion	112	Resp	122075
Ion Ratio	Lower	Upper	
112	100		
64	62.6	50.2	75.2
63	35.5	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: 39.658 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043322.D

Acq: 23 Oct 2019 23:48

Instrument :

BNA_G

ClientSampleId :

55-ST-22

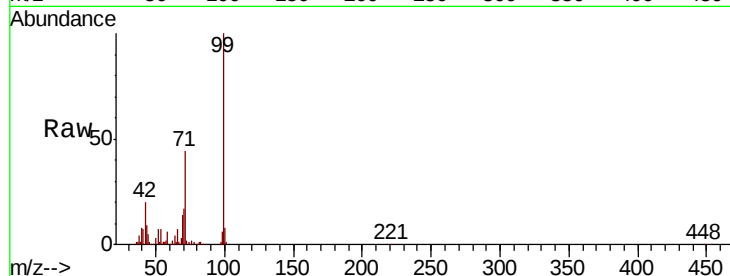
Tot Ion: 99 Resp: 112260

Ion Ratio Lower Upper

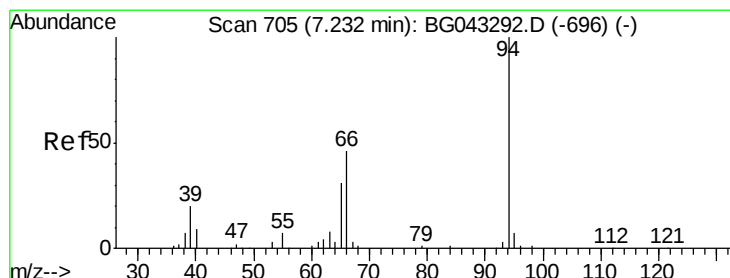
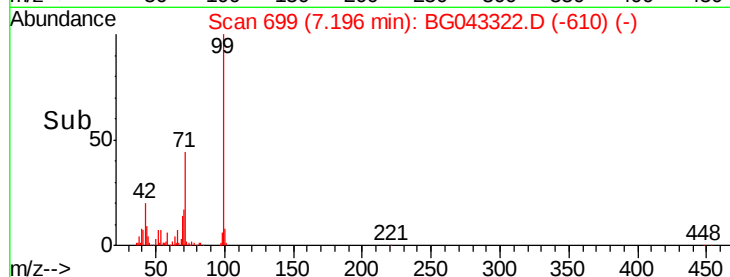
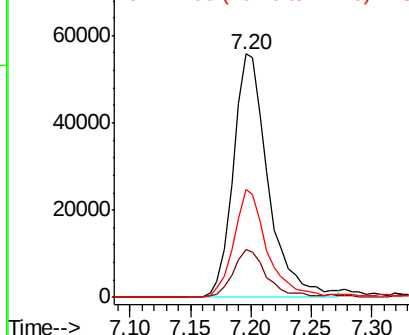
99 100

42 19.7 14.9 22.3

71 44.4 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



#10

Phenol

Concen: 2.189 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043322.D

Acq: 23 Oct 2019 23:48

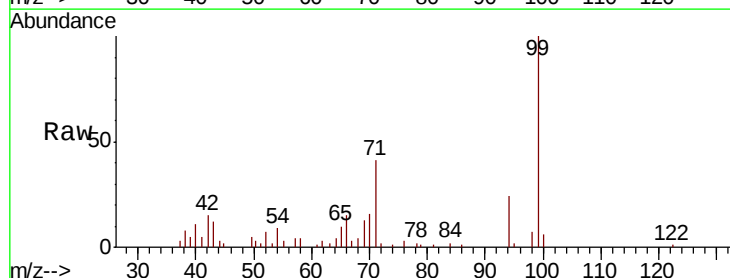
Tgt Ion: 94 Resp: 5662

Ion Ratio Lower Upper

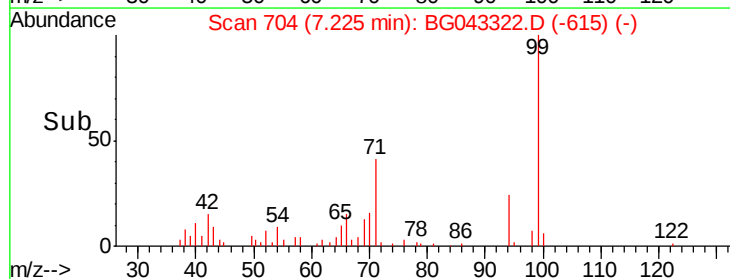
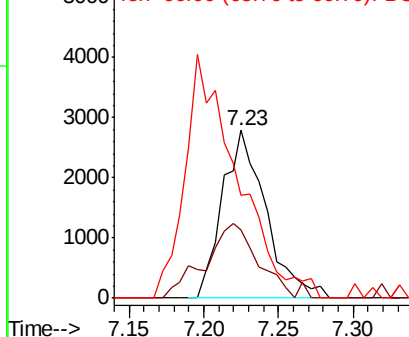
94 100

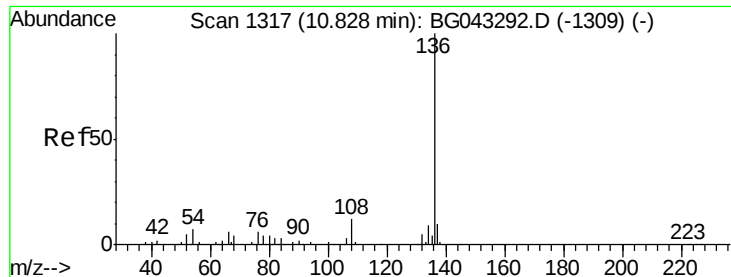
65 40.5 11.1 51.1

66 61.1 27.8 67.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043322.D

Acq: 23 Oct 2019 23:48

Instrument :

BNA_G

ClientSampleId :

55-ST-22

Tot Ion:136 Resp: 114892

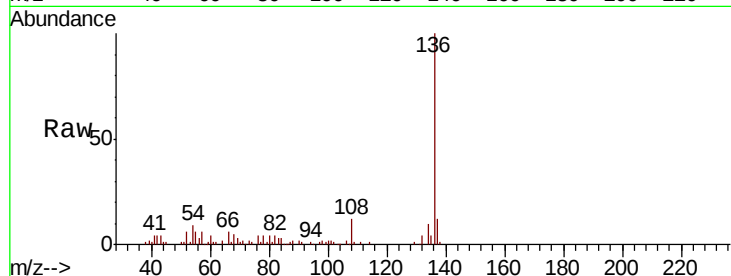
Ion Ratio Lower Upper

136 100

137 11.9 8.2 12.2

54 9.1 5.4 8.2#

68 4.7 3.3 4.9

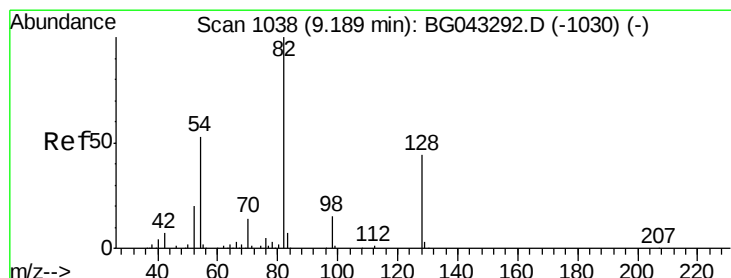
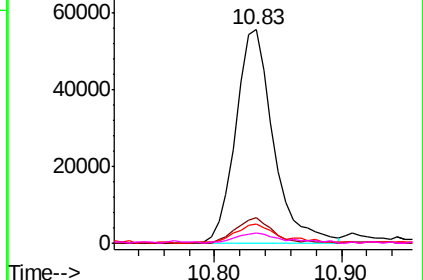
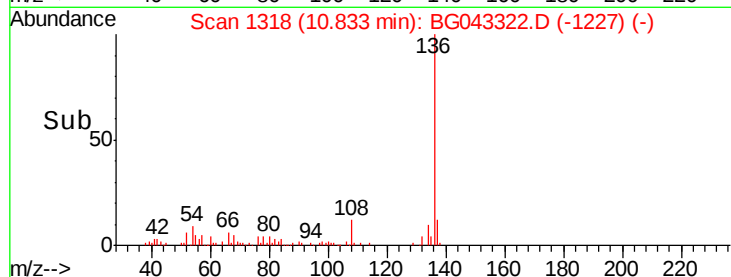


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 105.123 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043322.D

Acq: 23 Oct 2019 23:48

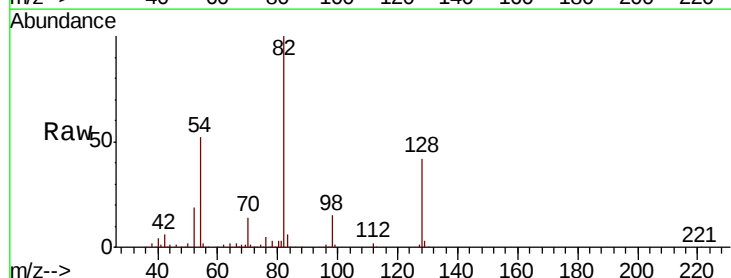
Tgt Ion: 82 Resp: 234273

Ion Ratio Lower Upper

82 100

128 42.0 35.3 52.9

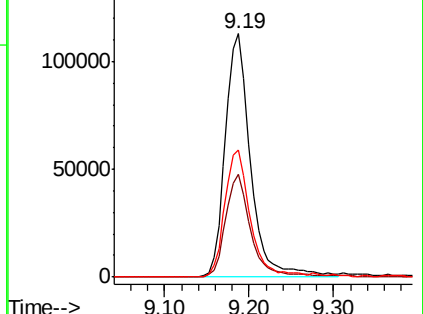
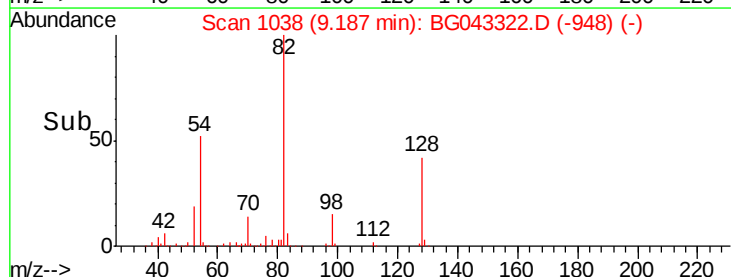
54 52.0 42.3 63.5

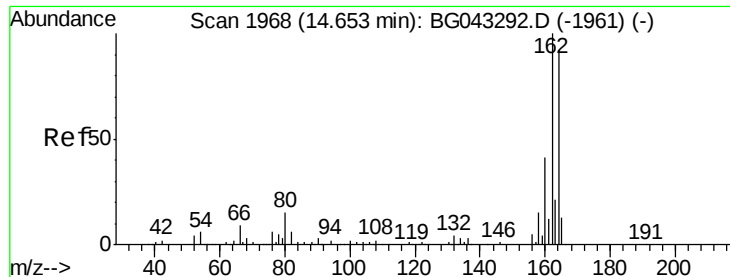


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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: BG043322.D

Acq: 23 Oct 2019 23:48

Instrument :

BNA_G

ClientSampleId :

55-ST-22

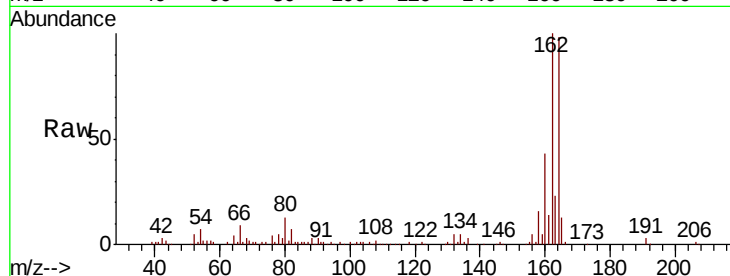
Tot Ion:164 Resp: 102510

Ion Ratio Lower Upper

164 100

162 101.5 87.0 130.4

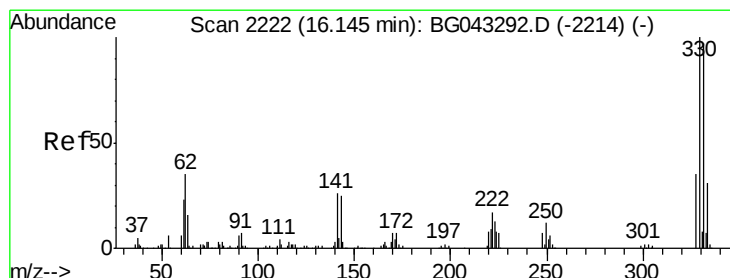
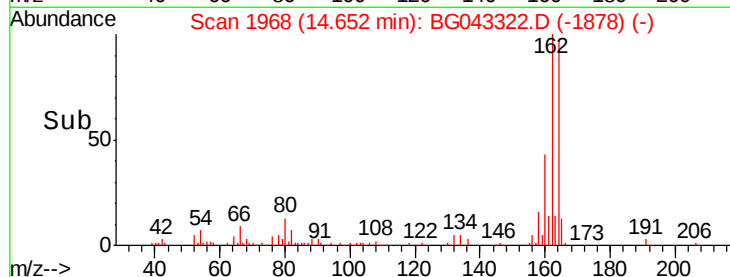
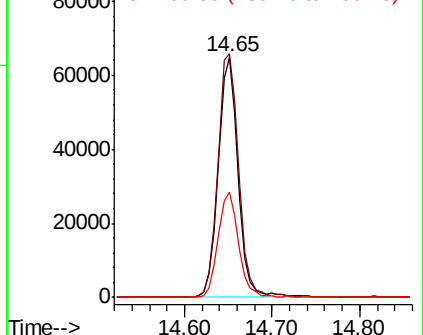
160 44.0 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 104.124 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043322.D

Acq: 23 Oct 2019 23:48

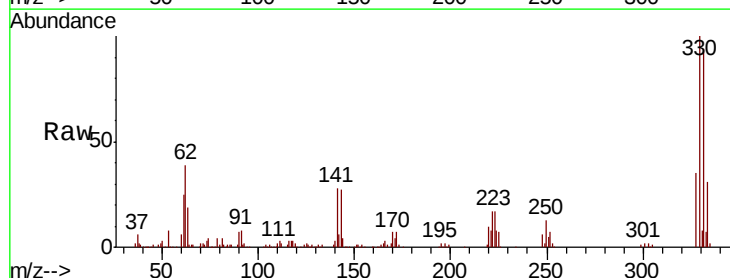
Tgt Ion:330 Resp: 203122

Ion Ratio Lower Upper

330 100

332 97.6 76.4 114.6

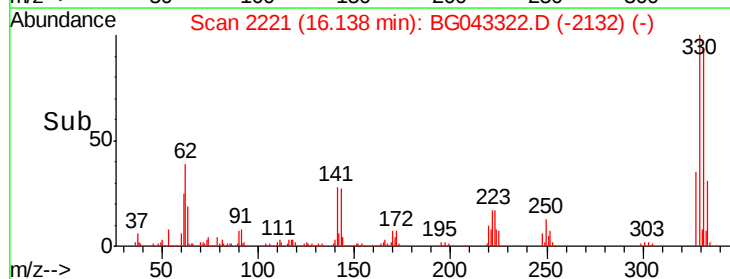
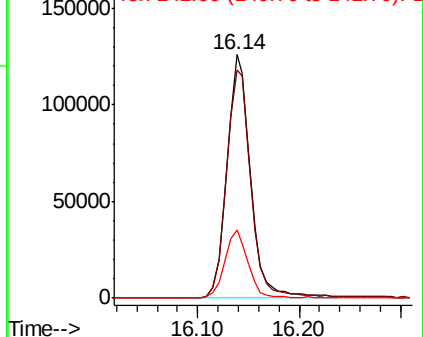
141 27.6 21.4 32.0



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

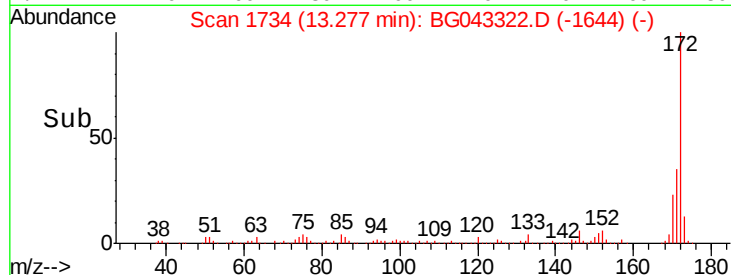
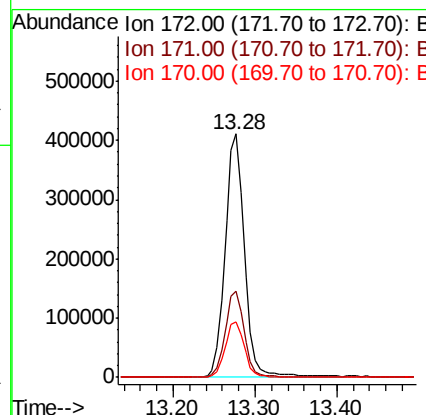
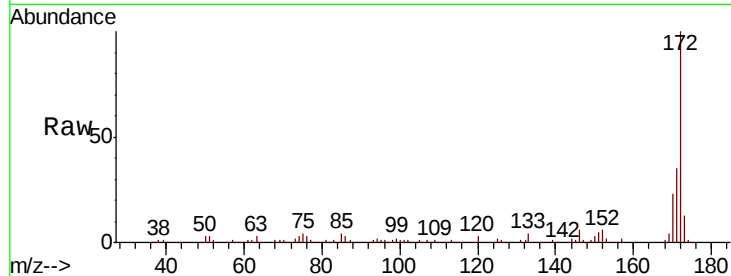




#45
2-Fluorobiphenyl
Concen: 91.540 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043322.D
Acq: 23 Oct 2019 23:48

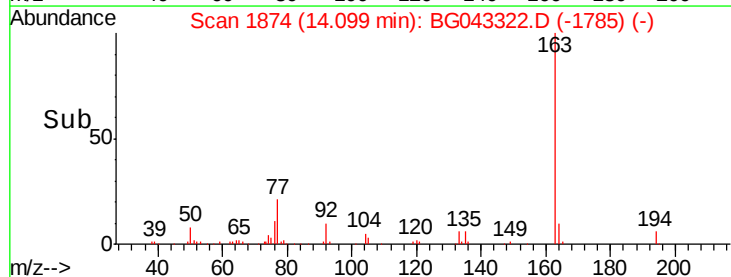
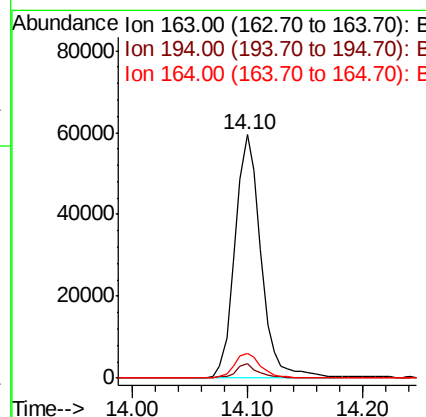
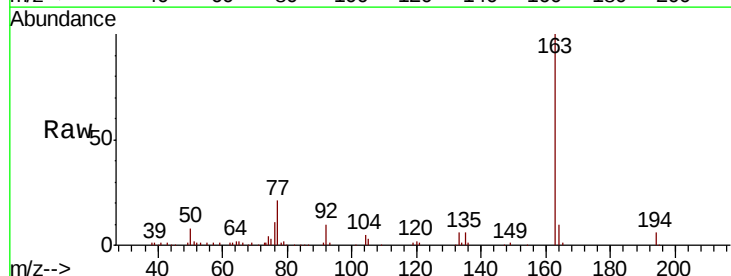
Instrument :
BNA_G
ClientSampled :
55-ST-22

Tot Ion:172 Resp: 679096
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.7 18.8 28.2



#50
Dimethylphthalate
Concen: 11.729 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043322.D
Acq: 23 Oct 2019 23:48

Tgt Ion:163 Resp: 93127
Ion Ratio Lower Upper
163 100
194 5.8 3.7 5.5#
164 9.9 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043322.D

Acq: 23 Oct 2019 23:48

Instrument :

BNA_G

ClientSampleId :

55-ST-22

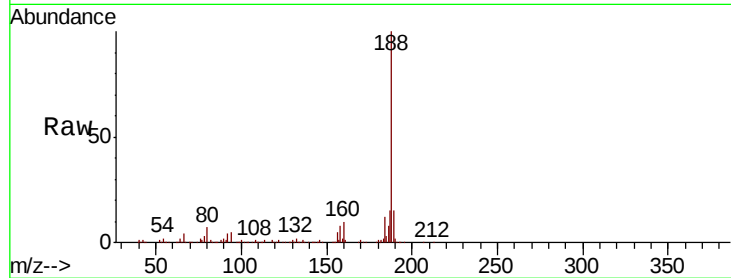
Tot Ion:188 Resp: 262436

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.2

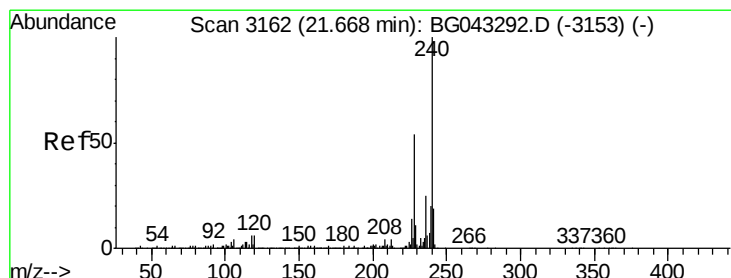
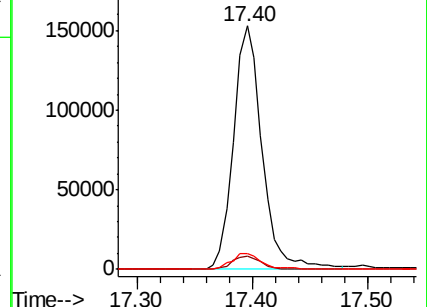
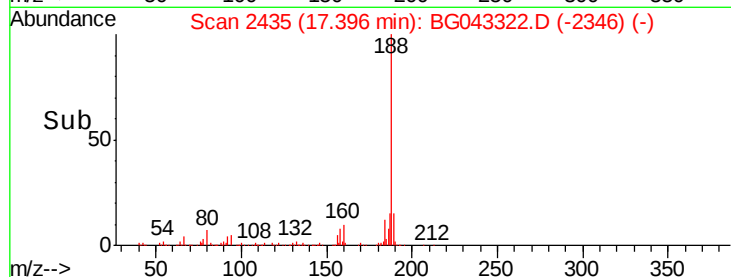
80 6.7 5.2 7.8



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: BG043322.D

Acq: 23 Oct 2019 23:48

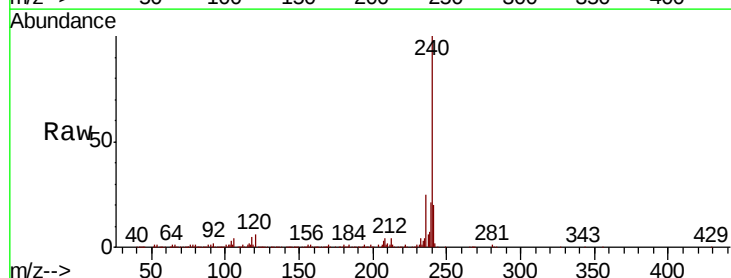
Tgt Ion:240 Resp: 319389

Ion Ratio Lower Upper

240 100

120 6.3 4.6 7.0

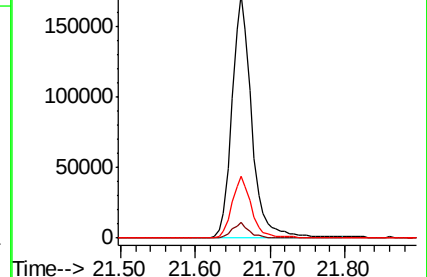
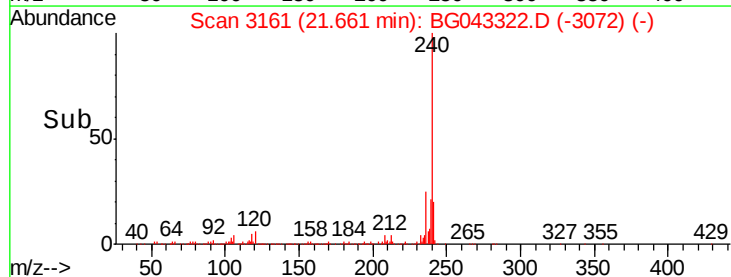
236 25.3 20.2 30.4

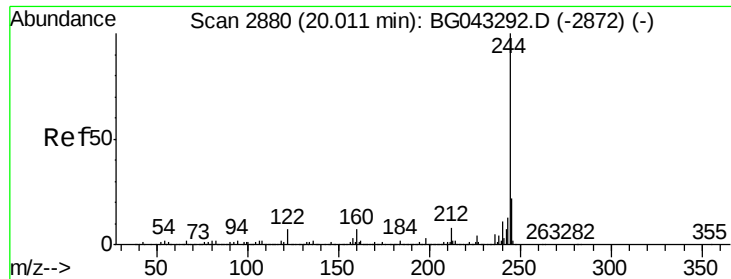


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.244 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043322.D

Acq: 23 Oct 2019 23:48

Instrument :

BNA_G

ClientSampled :

55-ST-22

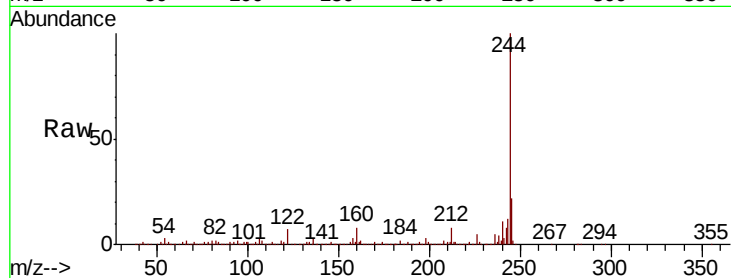
Tot Ion:244 Resp: 1570414

Ion Ratio Lower Upper

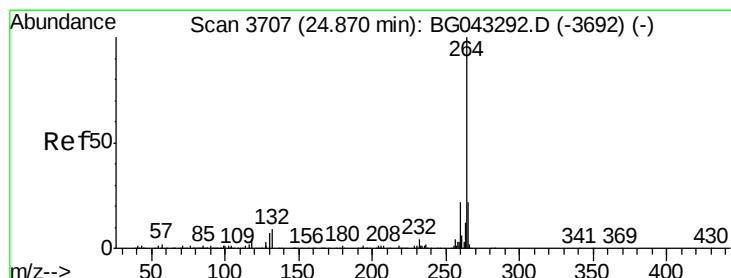
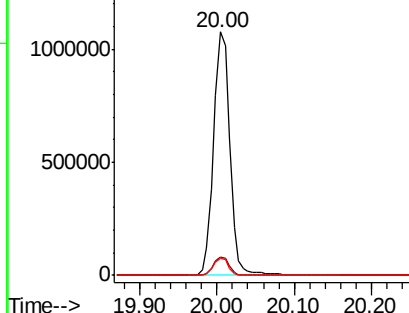
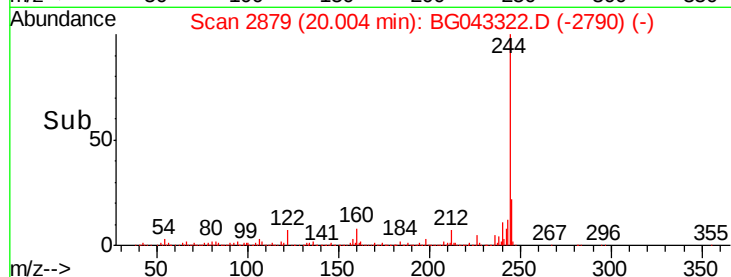
244 100

212 7.5 6.4 9.6

122 7.2 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: BG043322.D

Acq: 23 Oct 2019 23:48

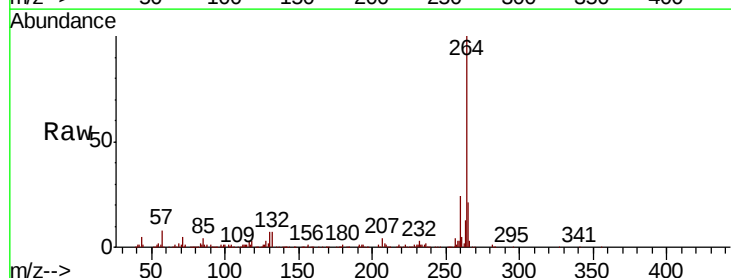
Tgt Ion:264 Resp: 361438

Ion Ratio Lower Upper

264 100

260 24.0 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

