

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043459.D
 Acq On : 1 Nov 2019 8:39
 Operator : JU
 Sample : K5146-22
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-103019

Quant Time: Nov 01 13:11:34 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

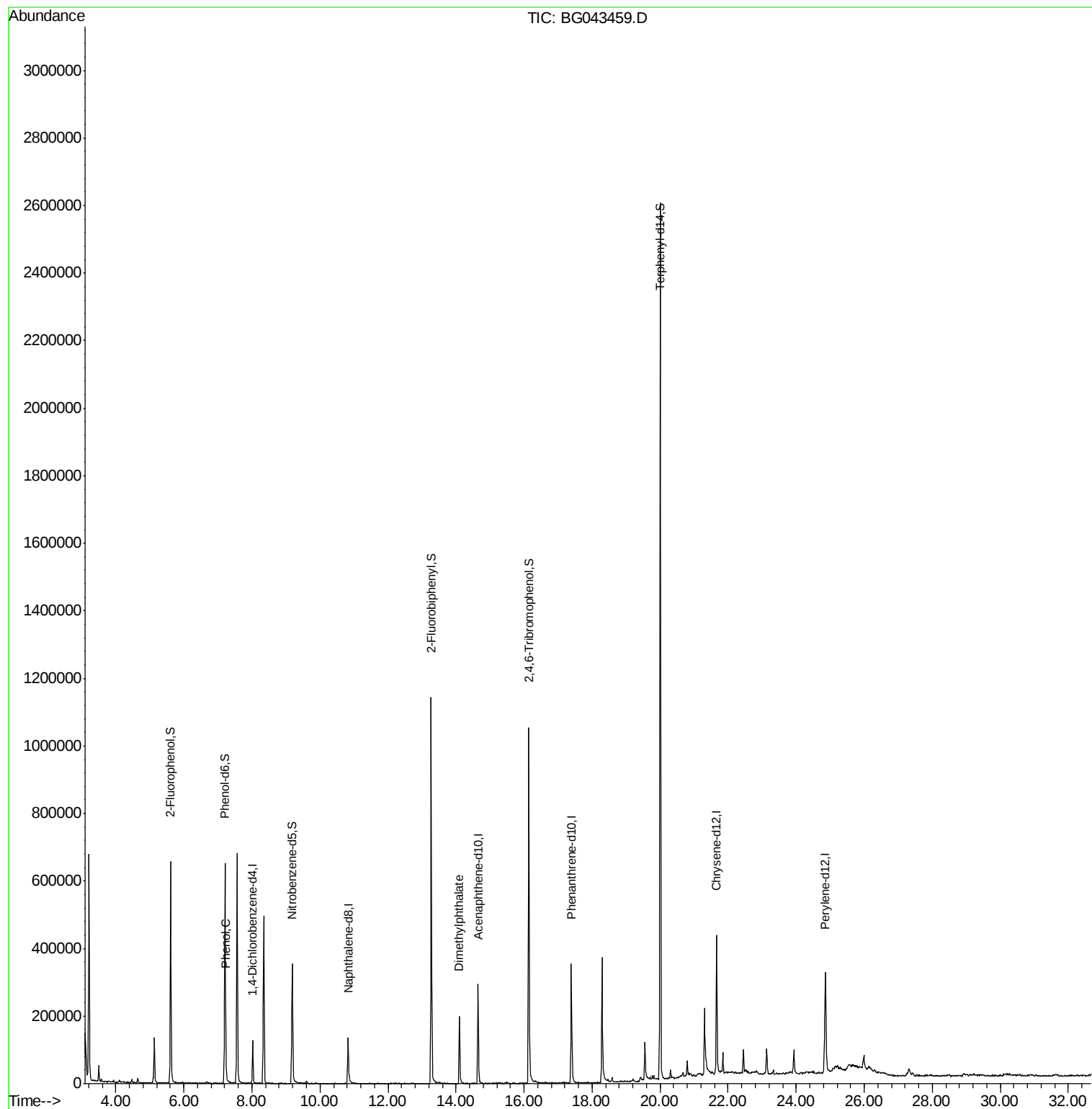
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39282	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	144394	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	106908	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	265143	20.00	ng	0.00
76) Chrysene-d12	21.66	240	274569	20.00	ng	0.00
87) Perylene-d12	24.85	264	321611	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	293176	136.76	ng	0.00
7) Phenol-d6	7.21	99	402880	130.62	ng	0.00
23) Nitrobenzene-d5	9.18	82	243907	87.08	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	274118	134.74	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	674983	87.24	ng	0.00
79) Terphenyl-d14	20.00	244	1374107	93.89	ng	0.00
Target Compounds						
10) Phenol	7.23	94	18194	6.455	ng	82
50) Dimethylphthalate	14.10	163	158167	19.101	ng	98

(#) = 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# 839

Delta R.T. -0.01 min

Lab File: BG043459.D

Acq: 1 Nov 2019 8:39

Instrument :

BNA_G

ClientSampleId :

CL-01-103019

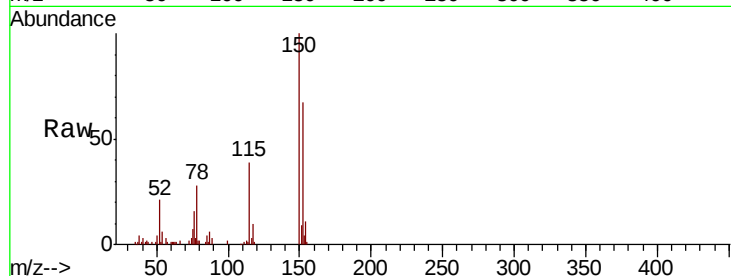
Tot Ion:152 Resp: 39282

Ion Ratio Lower Upper

152 100

150 149.2 113.6 170.4

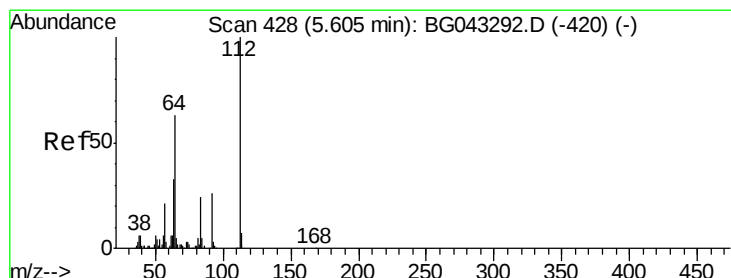
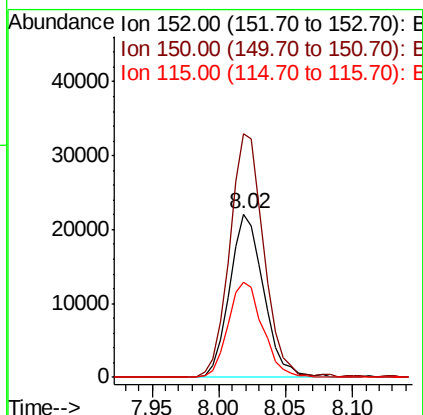
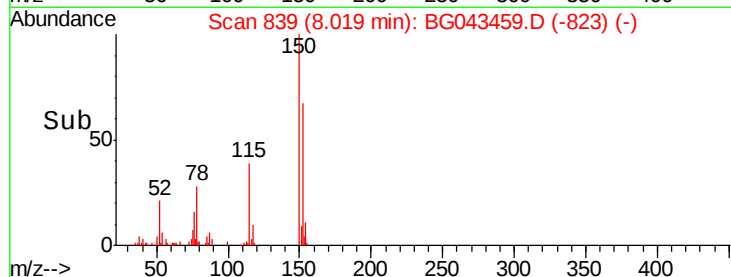
115 58.1 45.9 68.9



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: 136.762 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043459.D

Acq: 1 Nov 2019 8:39

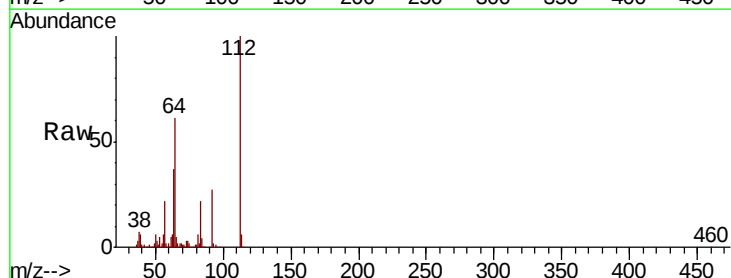
Tgt Ion:112 Resp: 293176

Ion Ratio Lower Upper

112 100

64 61.2 50.2 75.2

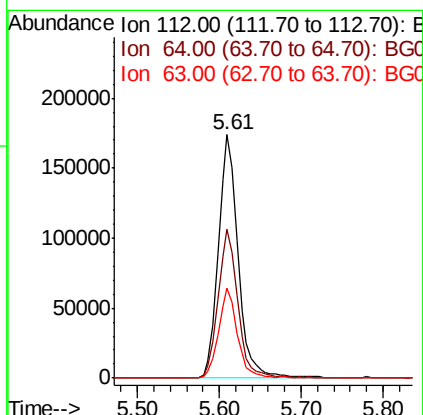
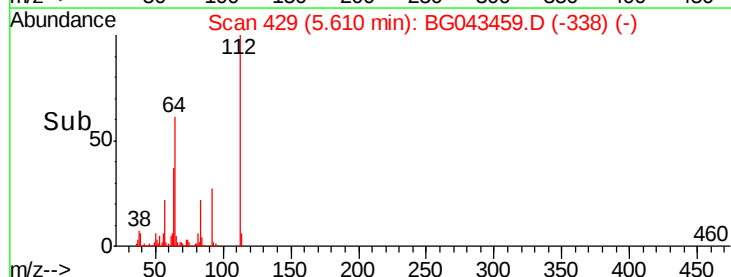
63 37.2 26.7 40.1



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: 130.624 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043459.D

Acq: 1 Nov 2019 8:39

Instrument :

BNA_G

ClientSampleId :

CL-01-103019

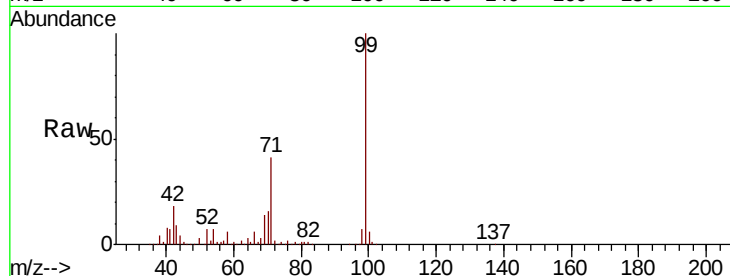
Tot Ion: 99 Resp: 402880

Ion Ratio Lower Upper

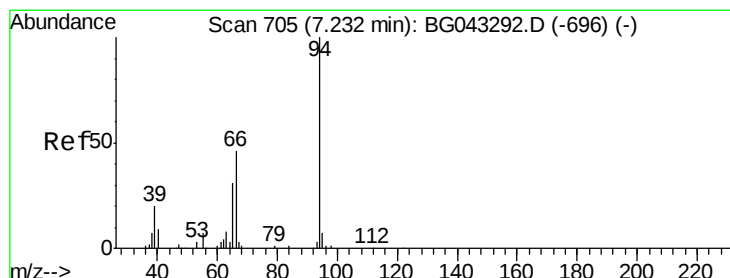
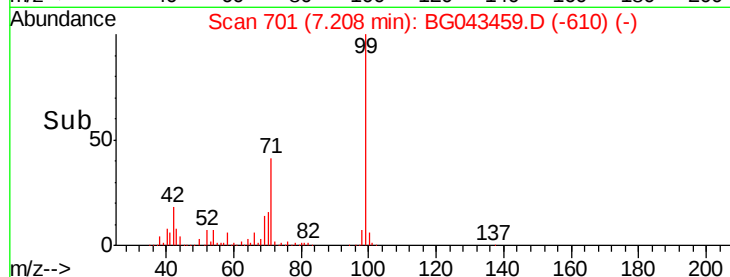
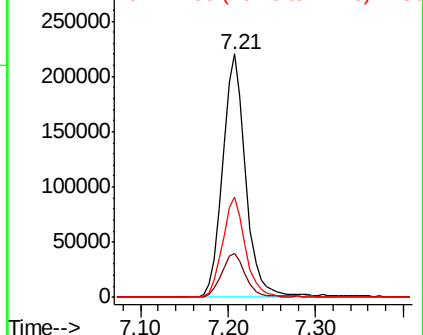
99 100

42 18.2 14.9 22.3

71 41.1 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: 6.455 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043459.D

Acq: 1 Nov 2019 8:39

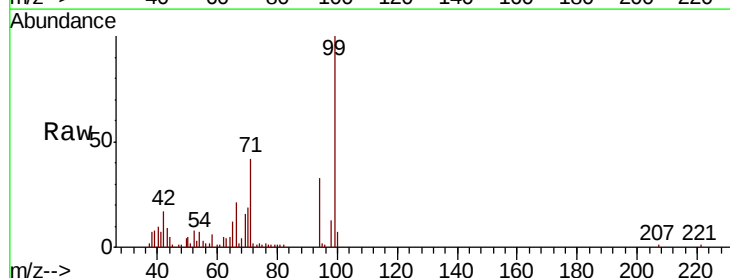
Tgt Ion: 94 Resp: 18194

Ion Ratio Lower Upper

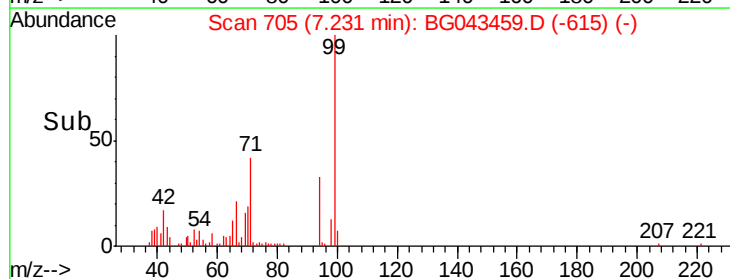
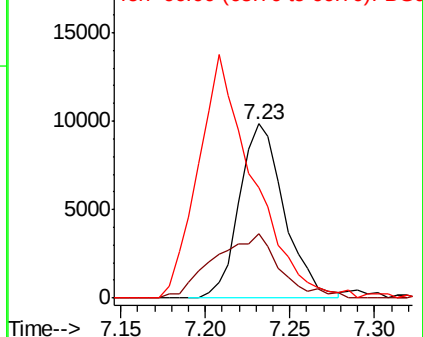
94 100

65 36.7 11.1 51.1

66 63.4 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

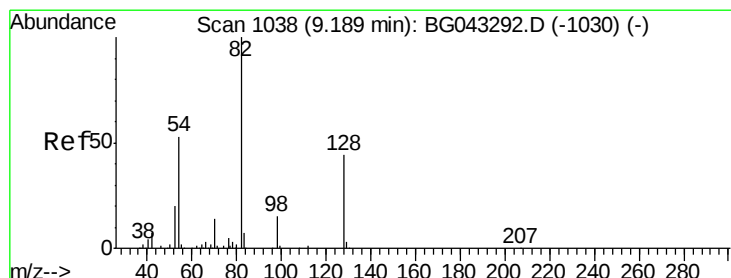
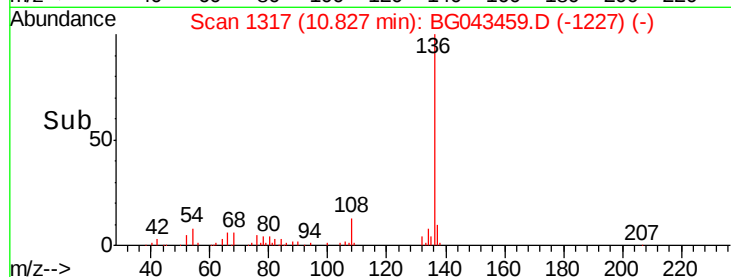
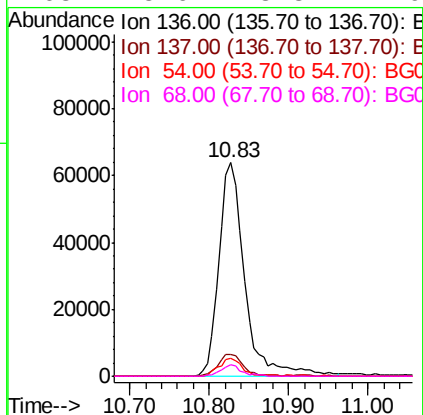
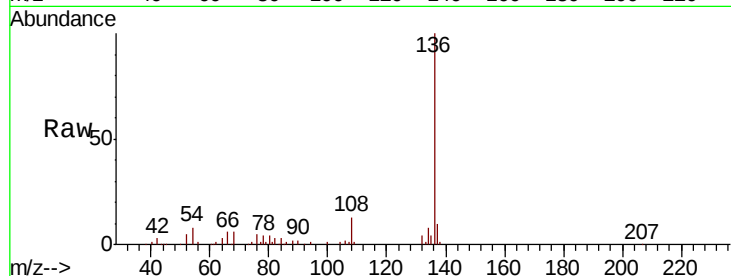




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043459.D
Acq: 1 Nov 2019 8:39

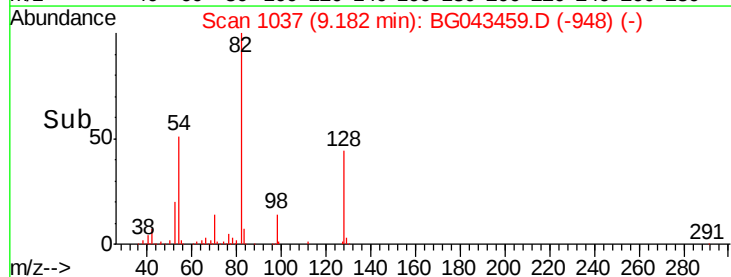
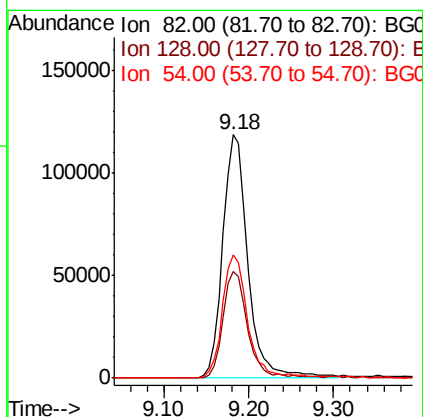
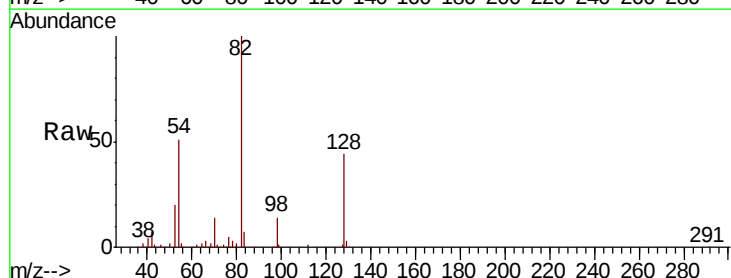
Instrument :
BNA_G
ClientSampleId :
CL-01-103019

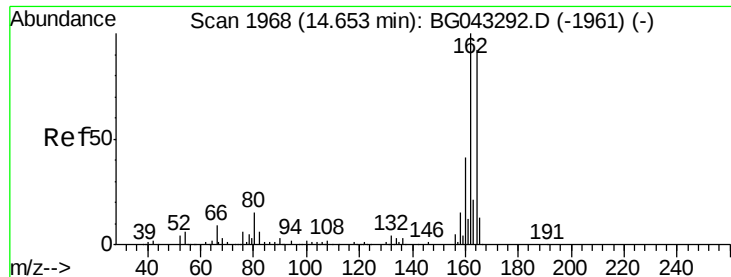
Tot Ion:136	Resp:	144394
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.2 12.2
54	8.1	5.4 8.2
68	5.6	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 87.085 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043459.D
Acq: 1 Nov 2019 8:39

Tgt Ion: 82	Resp:	243907
Ion Ratio	Lower	Upper
82	100	
128	44.0	35.3 52.9
54	50.5	42.3 63.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043459.D

Acq: 1 Nov 2019 8:39

Instrument :

BNA_G

ClientSampleId :

CL-01-103019

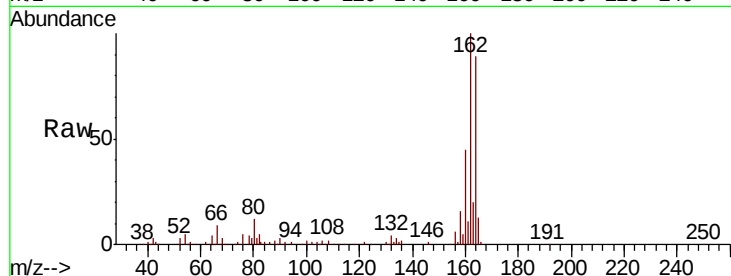
Tot Ion:164 Resp: 106908

Ion Ratio Lower Upper

164 100

162 112.4 87.0 130.4

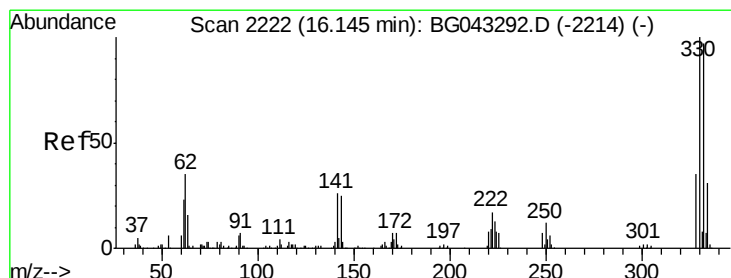
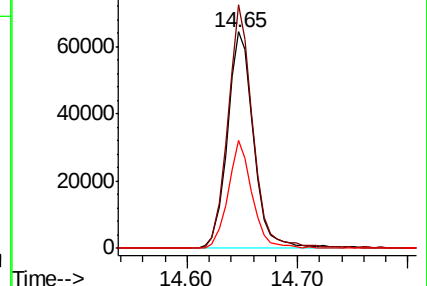
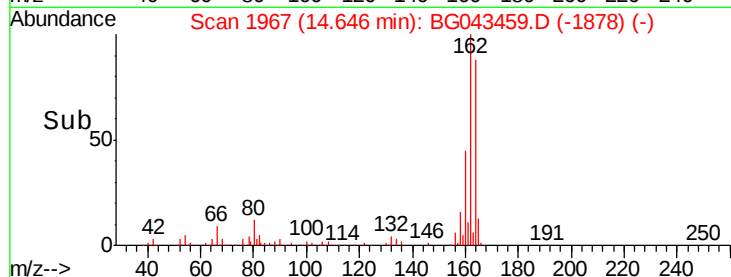
160 50.1 35.5 53.3



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: 134.737 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043459.D

Acq: 1 Nov 2019 8:39

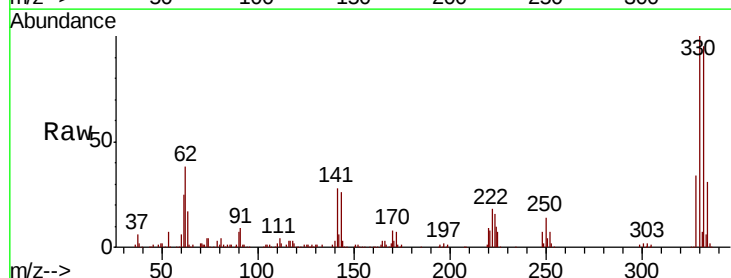
Tgt Ion:330 Resp: 274118

Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

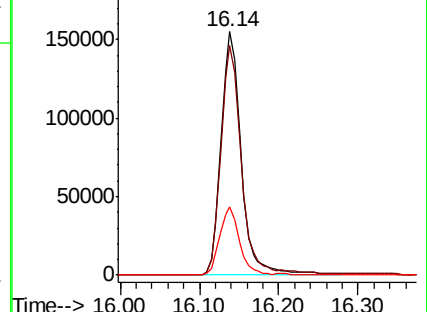
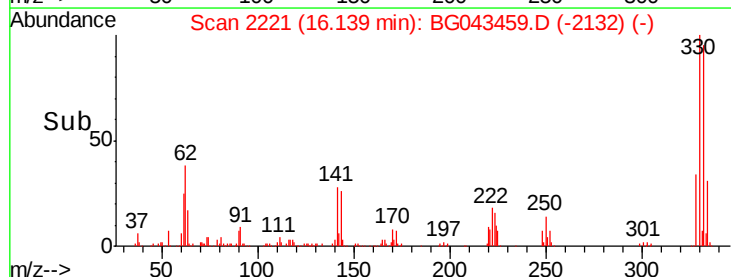
141 27.4 21.4 32.0

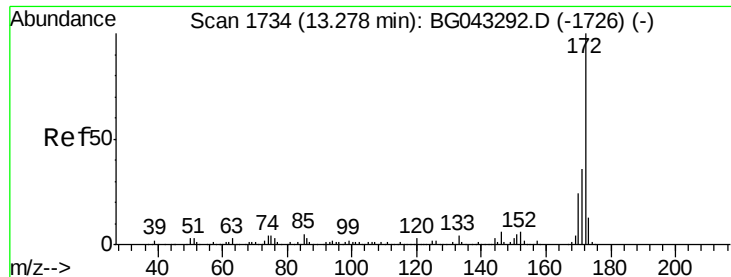


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

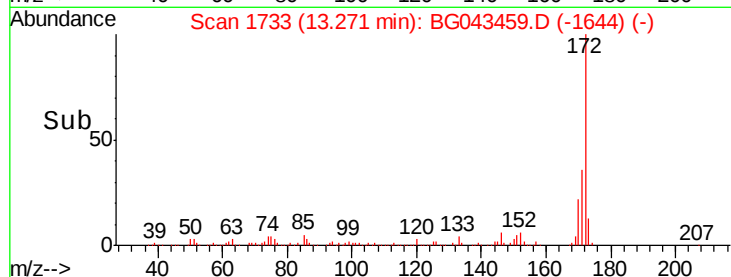
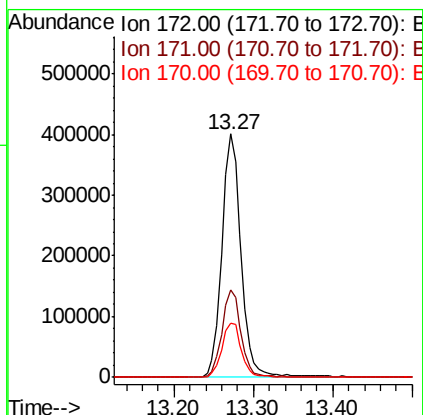
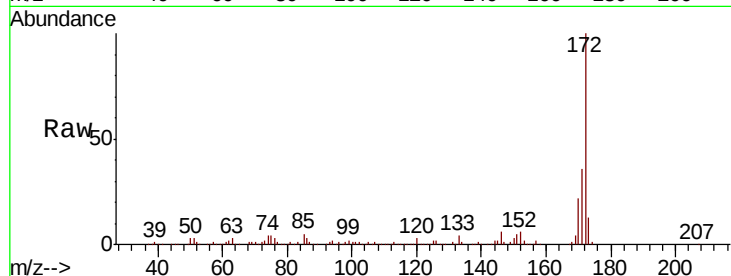




#45
2-Fluorobiphenyl
Concen: 87.243 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043459.D
Acq: 1 Nov 2019 8:39

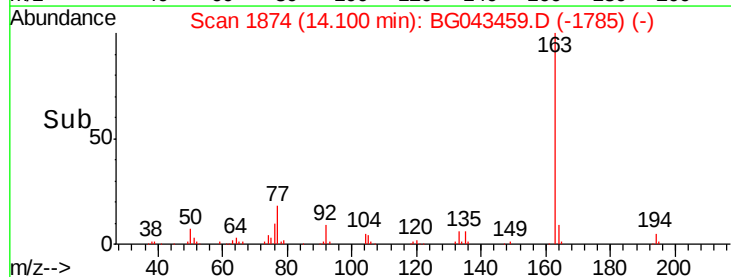
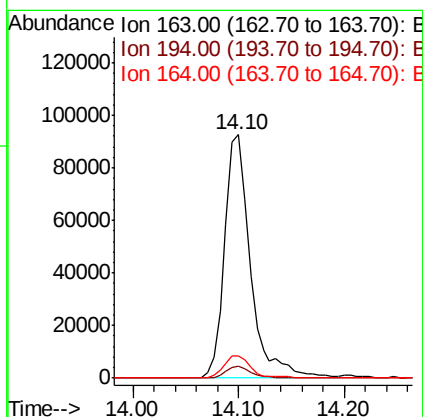
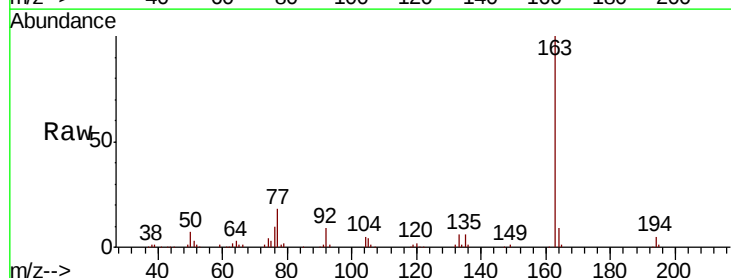
Instrument :
BNA_G
ClientSampleId :
CL-01-103019

Tot Ion:172 Resp: 674983
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 22.0 18.8 28.2



#50
Dimethylphthalate
Concen: 19.101 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043459.D
Acq: 1 Nov 2019 8:39

Tgt Ion:163 Resp: 158167
Ion Ratio Lower Upper
163 100
194 5.0 3.7 5.5
164 9.3 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: BG043459.D

Acq: 1 Nov 2019 8:39

Instrument :

BNA_G

ClientSampleId :

CL-01-103019

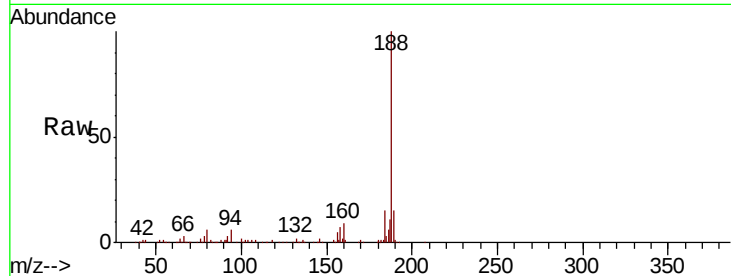
Tot Ion:188 Resp: 265143

Ion Ratio Lower Upper

188 100

94 6.2 4.2 6.2

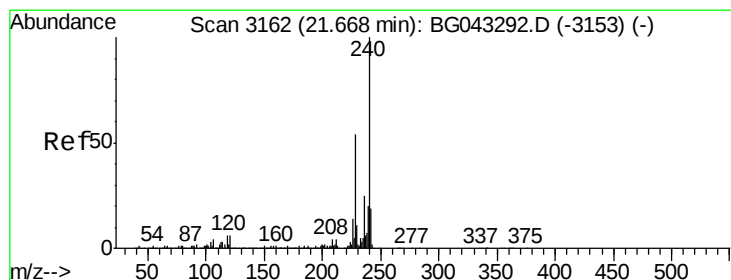
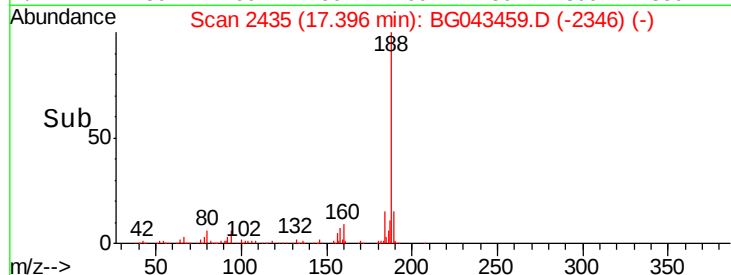
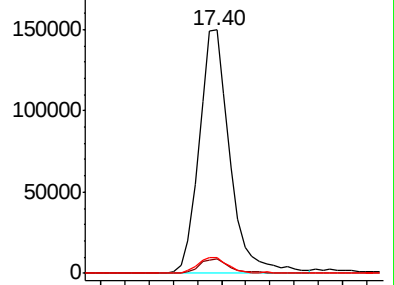
80 6.3 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

200000 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: BG043459.D

Acq: 1 Nov 2019 8:39

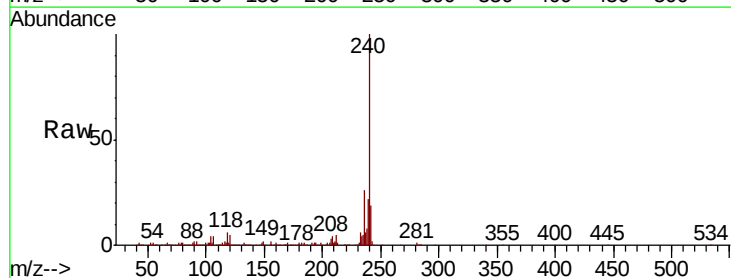
Tgt Ion:240 Resp: 274569

Ion Ratio Lower Upper

240 100

120 4.5 4.6 7.0#

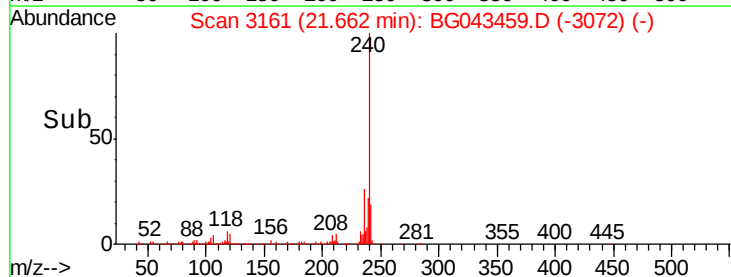
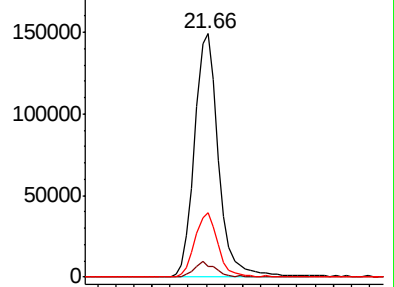
236 26.4 20.2 30.4

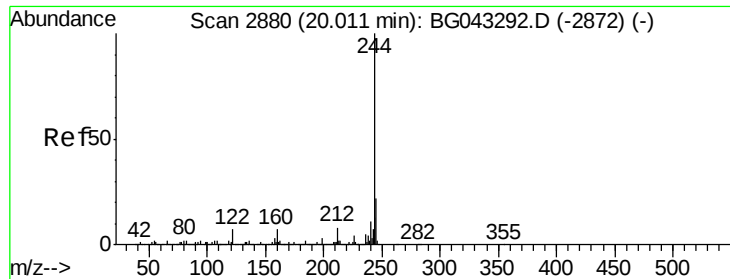


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.889 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043459.D

Acq: 1 Nov 2019 8:39

Instrument :

BNA_G

ClientSampleId :

CL-01-103019

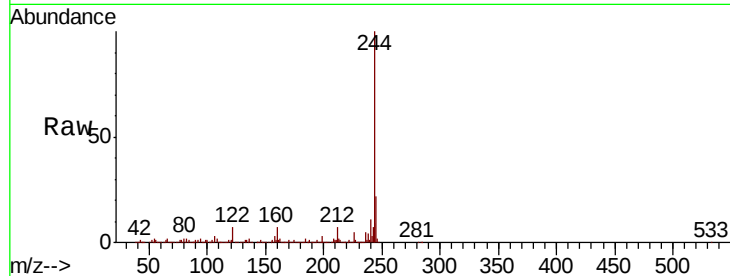
Tot Ion:244 Resp: 1374107

Ion Ratio Lower Upper

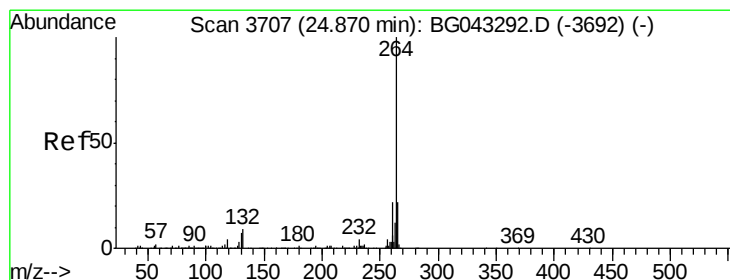
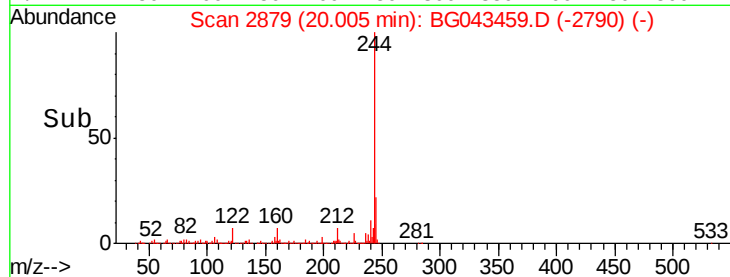
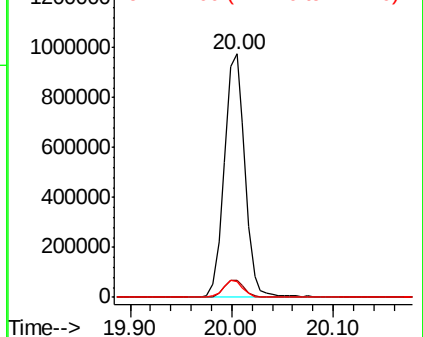
244 100

212 7.2 6.4 9.6

122 6.5 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: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043459.D

Acq: 1 Nov 2019 8:39

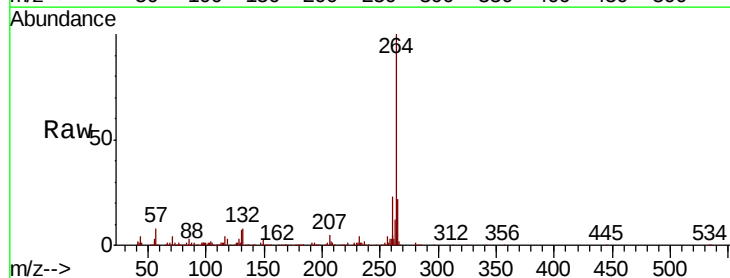
Tgt Ion:264 Resp: 321611

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 22.2 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

