

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043424.D
 Acq On : 31 Oct 2019 6:25
 Operator : JU
 Sample : K5587-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-11

Quant Time: Oct 31 08:38:09 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

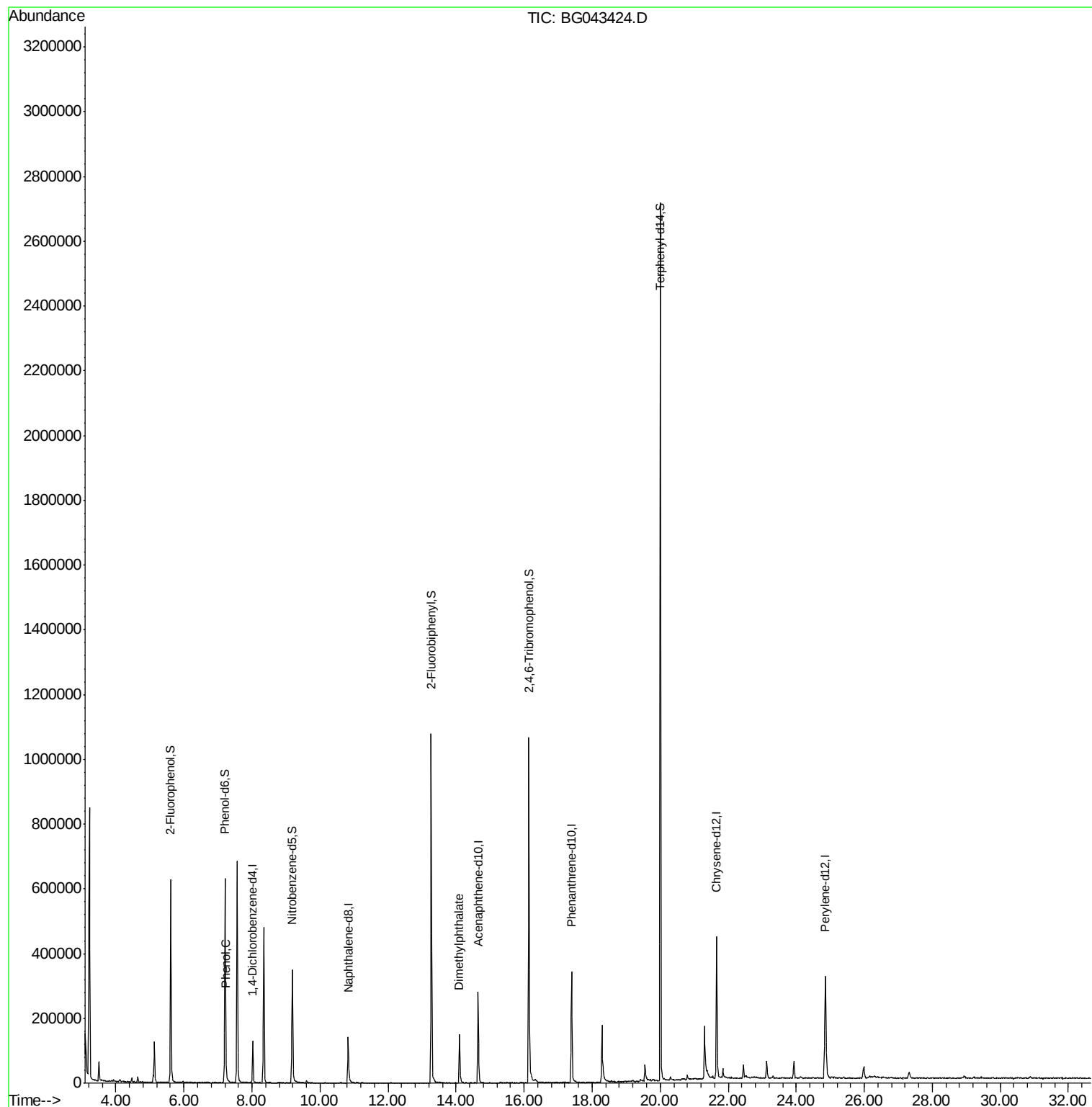
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40178	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	147955	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	109938	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	268561	20.00	ng	0.00
76) Chrysene-d12	21.66	240	298988	20.00	ng	0.00
87) Perylene-d12	24.86	264	349091	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	290717	132.59	ng	0.00
7) Phenol-d6	7.21	99	402092	127.46	ng	0.00
23) Nitrobenzene-d5	9.19	82	245148	85.42	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	271242	129.65	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	662407	83.26	ng	0.00
79) Terphenyl-d14	20.00	244	1460588	91.65	ng	0.00
Target Compounds						
10) Phenol	7.24	94	10389	3.604	ng	85
50) Dimethylphthalate	14.10	163	130786	15.359	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# 839

Delta R.T. -0.01 min

Lab File: BG043424.D

Acq: 31 Oct 2019 6:25

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-11

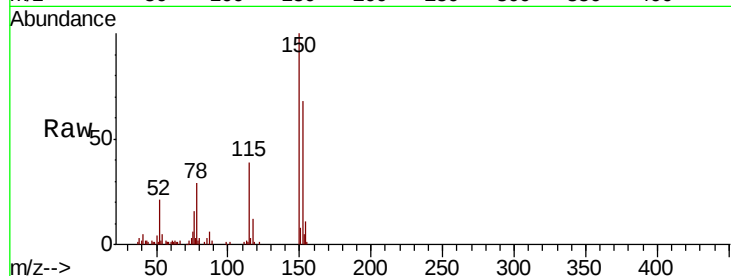
Tot Ion:152 Resp: 40178

Ion Ratio Lower Upper

152 100

150 147.4 113.6 170.4

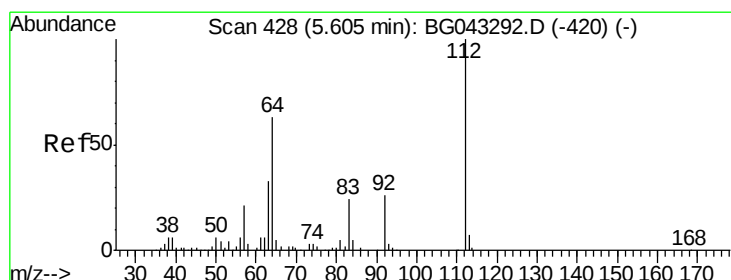
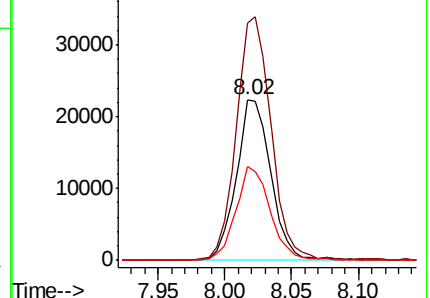
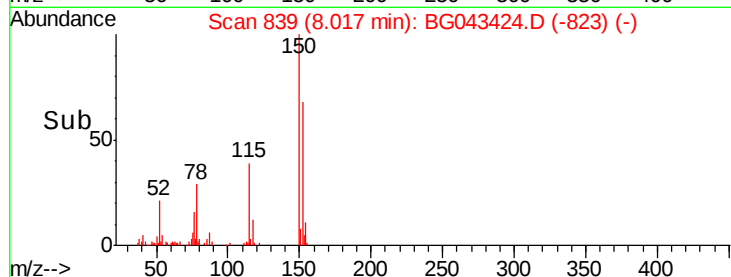
115 58.2 45.9 68.9



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: 132.591 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043424.D

Acq: 31 Oct 2019 6:25

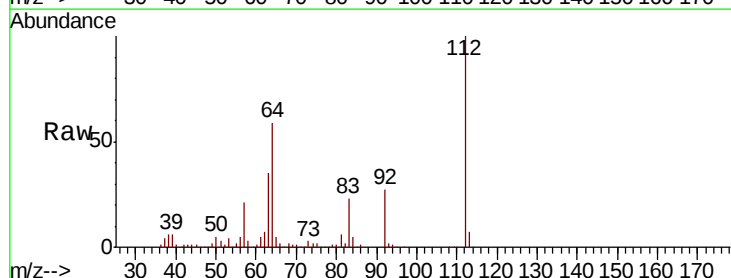
Tgt Ion:112 Resp: 290717

Ion Ratio Lower Upper

112 100

64 59.4 50.2 75.2

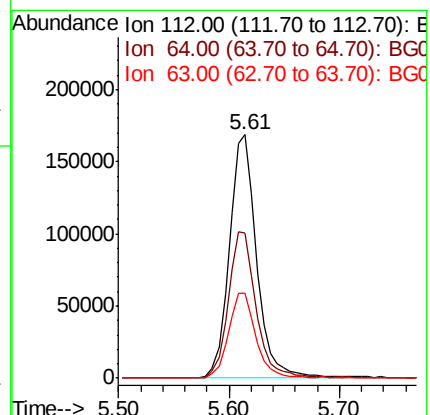
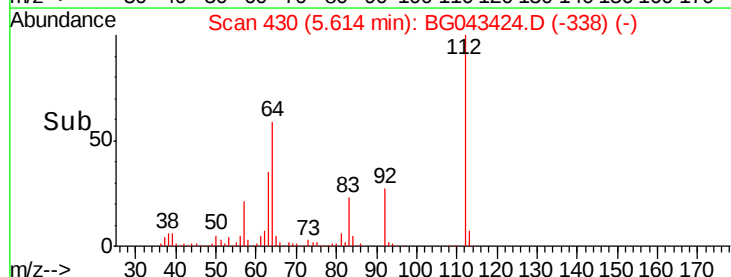
63 34.6 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.461 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043424.D

Acq: 31 Oct 2019 6:25

Instrument :

BNA_G

ClientSampled :

CSA-2-1-11

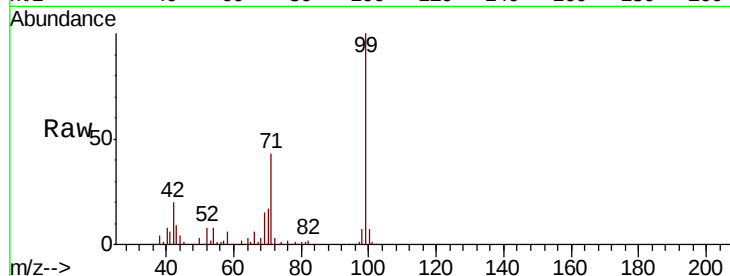
Tot Ion: 99 Resp: 402092

Ion Ratio Lower Upper

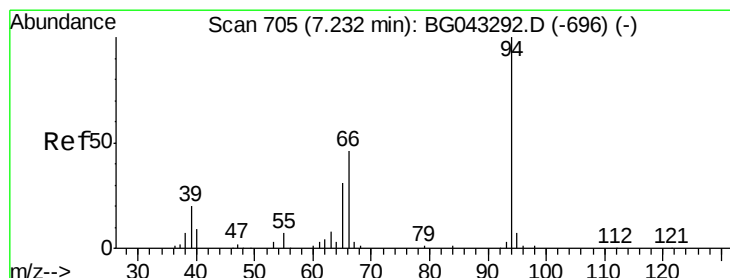
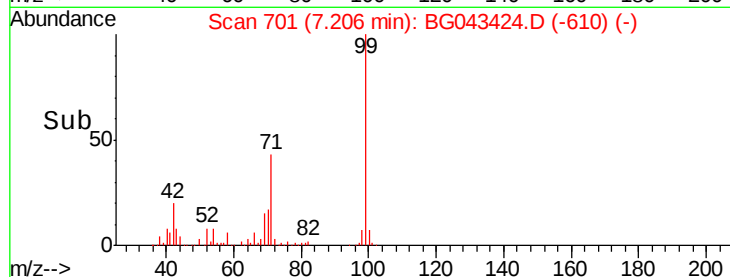
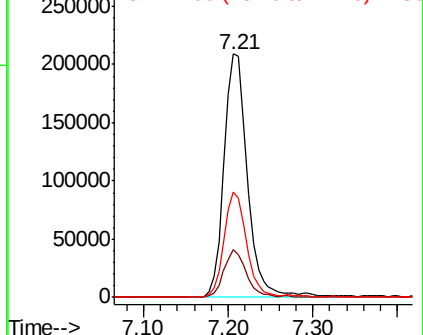
99 100

42 19.6 14.9 22.3

71 43.4 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: 3.604 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043424.D

Acq: 31 Oct 2019 6:25

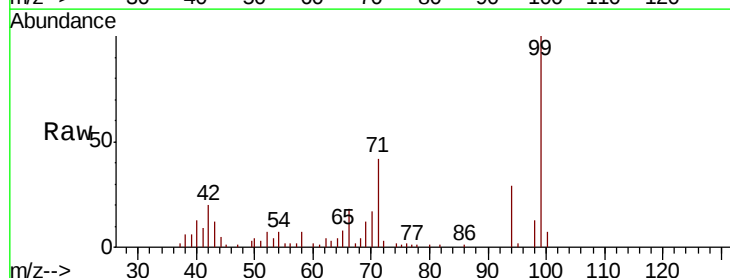
Tgt Ion: 94 Resp: 10389

Ion Ratio Lower Upper

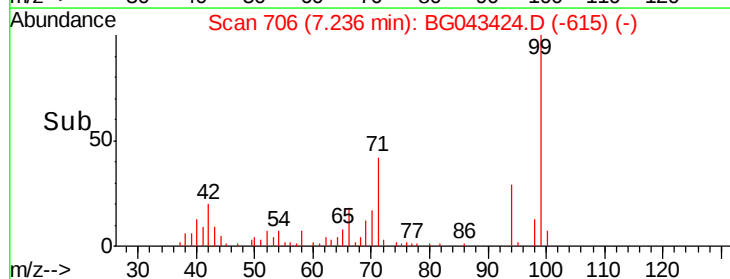
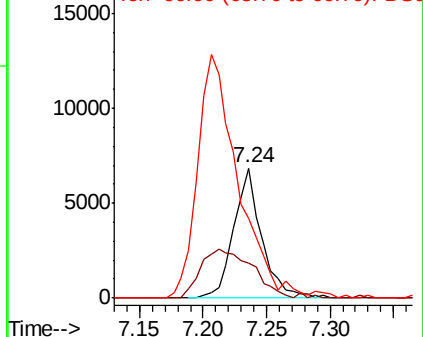
94 100

65 27.0 11.1 51.1

66 61.2 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

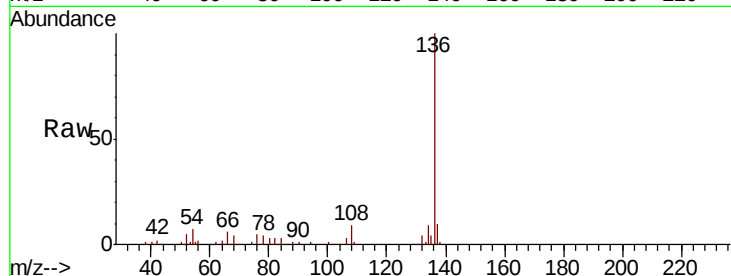




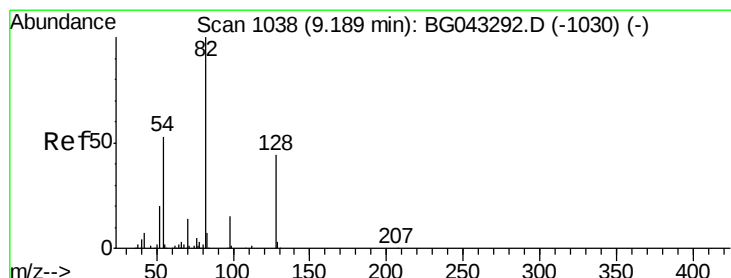
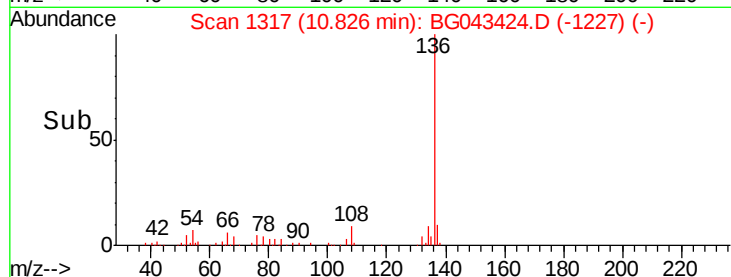
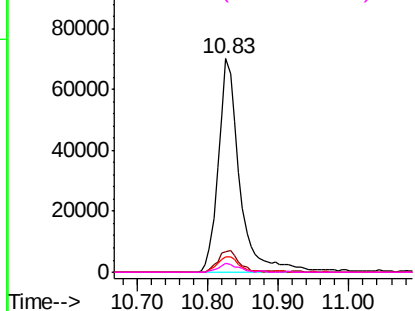
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043424.D
Acq: 31 Oct 2019 6:25

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11

Tot Ion:136	Resp:	147955	
Ion Ratio	Lower	Upper	
136 100			
137 9.6	8.2	12.2	
54 7.3	5.4	8.2	
68 4.1	3.3	4.9	

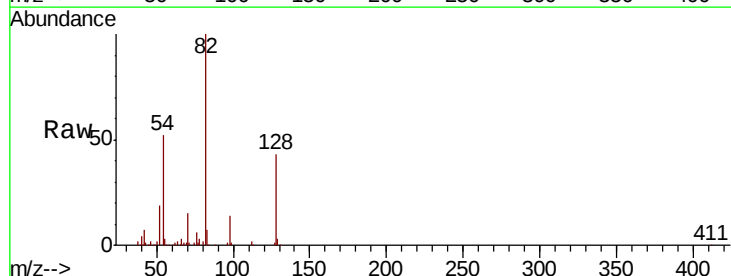


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

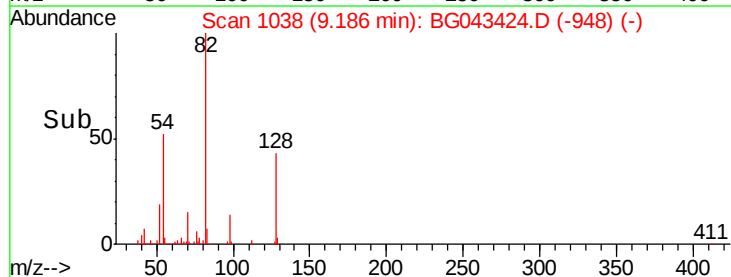
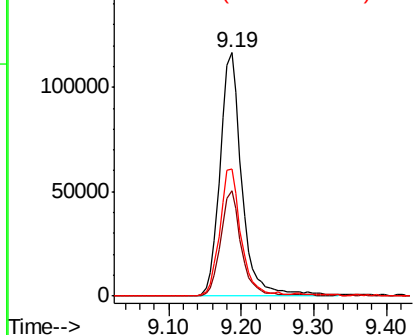


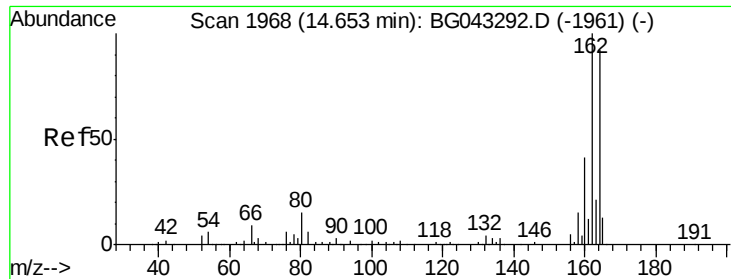
#23
Nitrobenzene-d5
Concen: 85.421 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043424.D
Acq: 31 Oct 2019 6:25

Tgt Ion: 82	Resp: 245148
Ion Ratio	Lower Upper
82 100	
128 43.3	35.3 52.9
54 52.1	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: BG043424.D

Acq: 31 Oct 2019 6:25

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-11

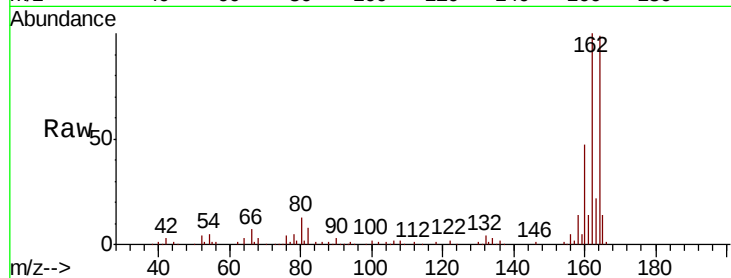
Tot Ion:164 Resp: 109938

Ion Ratio Lower Upper

164 100

162 100.8 87.0 130.4

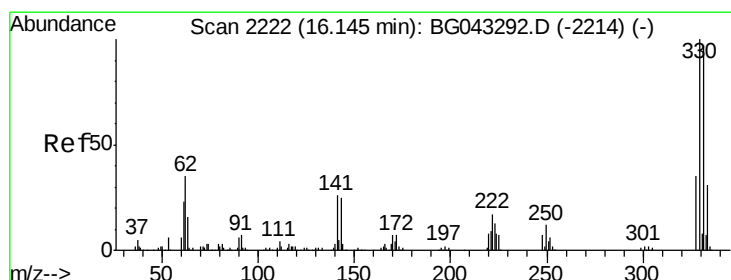
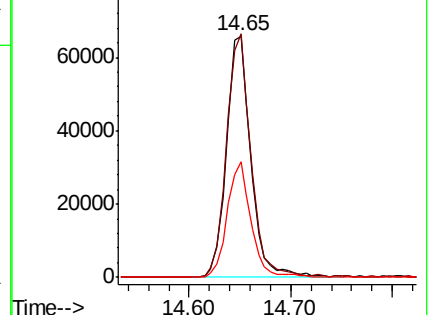
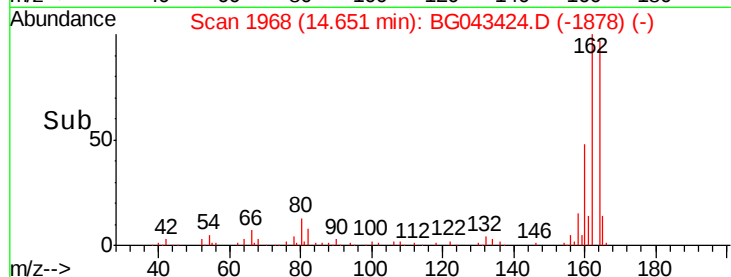
160 47.8 35.5 53.3



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: 129.649 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043424.D

Acq: 31 Oct 2019 6:25

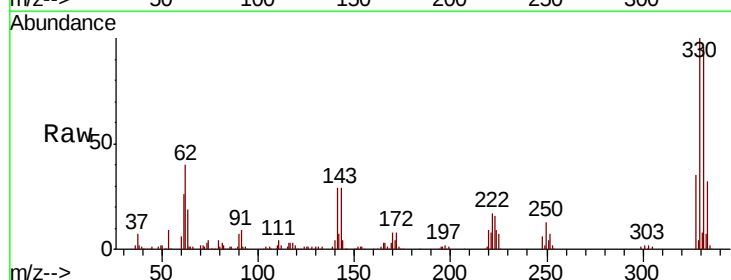
Tgt Ion:330 Resp: 271242

Ion Ratio Lower Upper

330 100

332 97.5 76.4 114.6

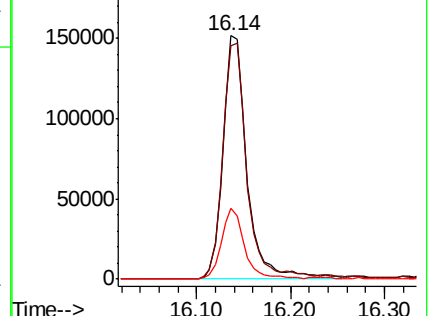
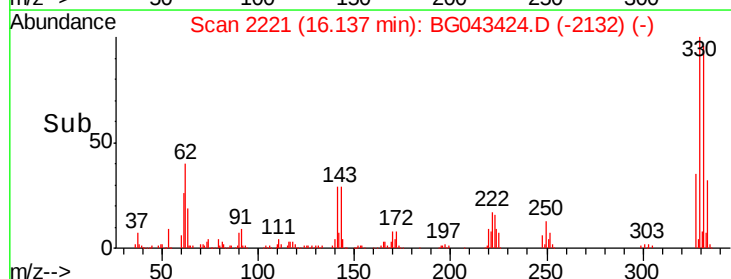
141 28.1 21.4 32.0

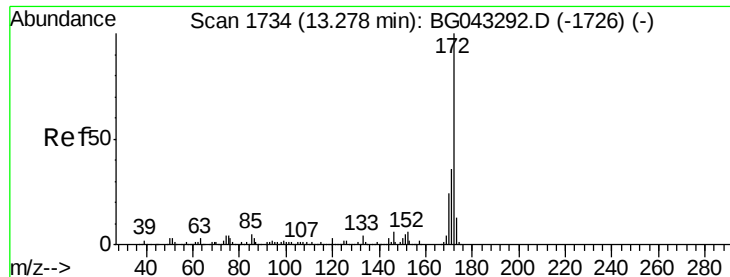


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

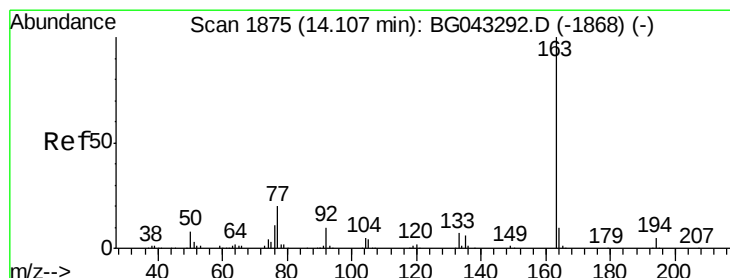
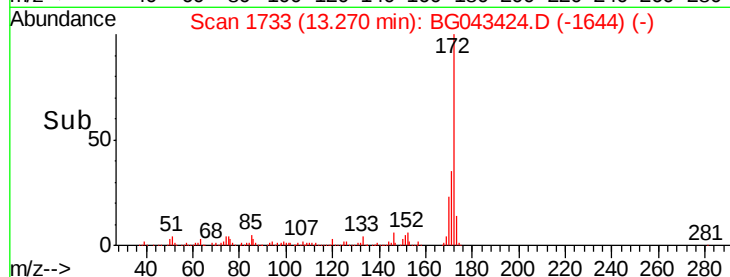
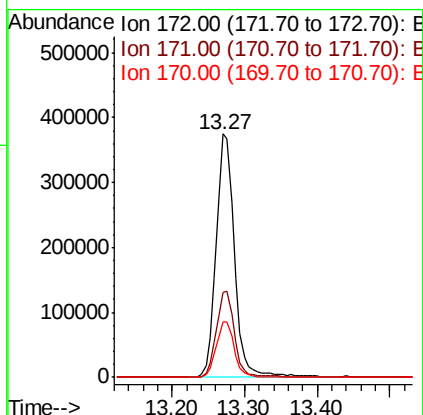
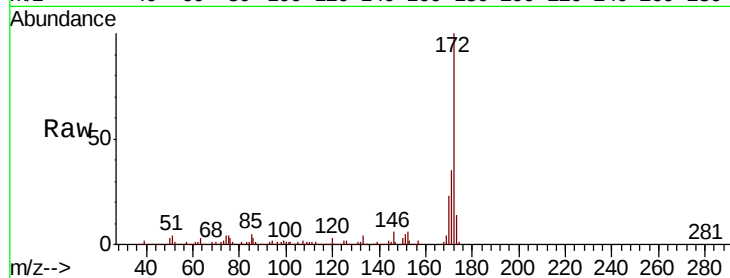




#45
2-Fluorobiphenyl
Concen: 83.257 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043424.D
Acq: 31 Oct 2019 6:25

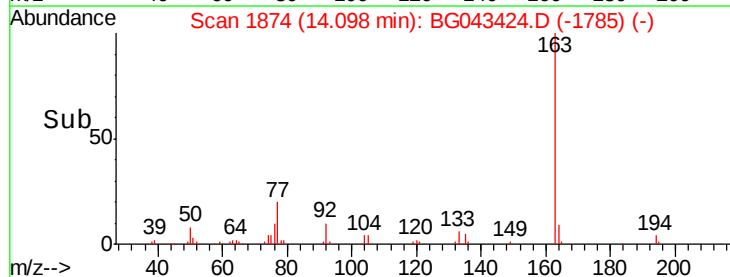
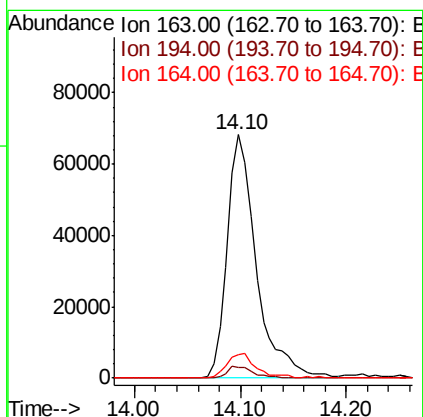
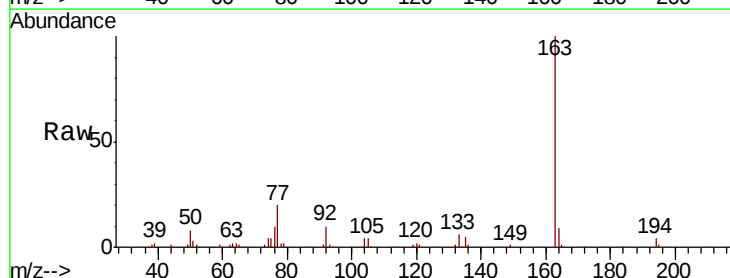
Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11

Tot Ion:172 Resp: 662407
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.8 18.8 28.2



#50
Dimethylphthalate
Concen: 15.359 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043424.D
Acq: 31 Oct 2019 6:25

Tgt Ion:163 Resp: 130786
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 9.4 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043424.D

Acq: 31 Oct 2019 6:25

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-11

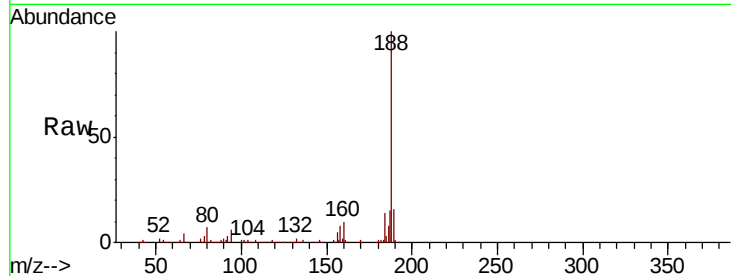
Tot Ion:188 Resp: 268561

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.2

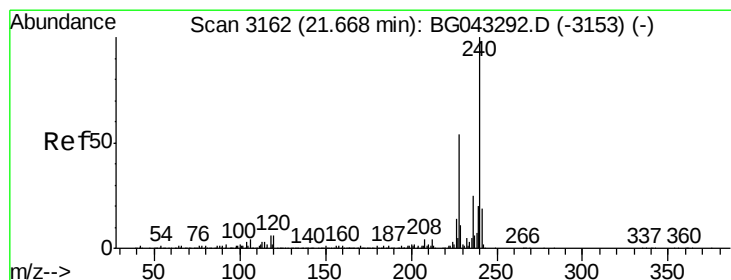
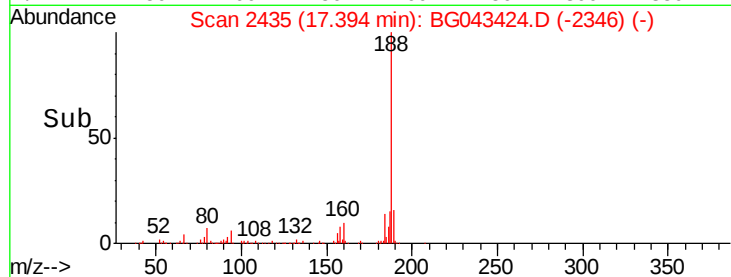
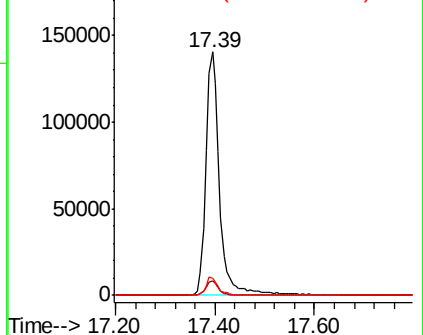
80 7.2 5.2 7.8



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: BG043424.D

Acq: 31 Oct 2019 6:25

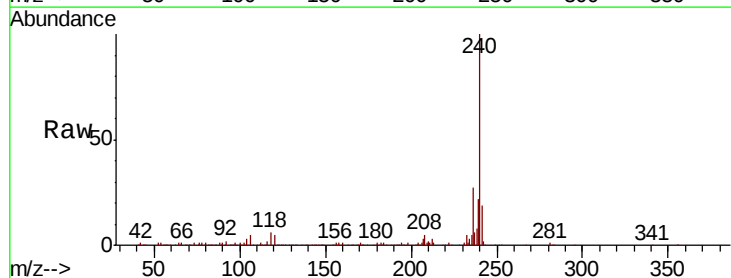
Tgt Ion:240 Resp: 298988

Ion Ratio Lower Upper

240 100

120 5.3 4.6 7.0

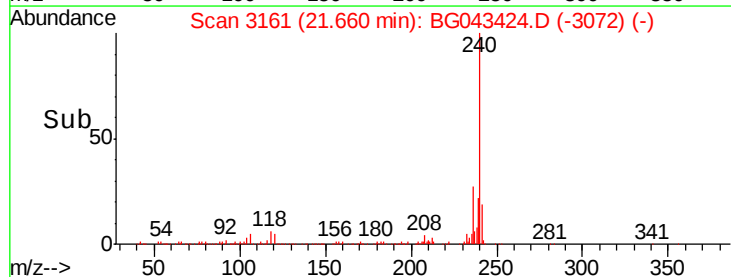
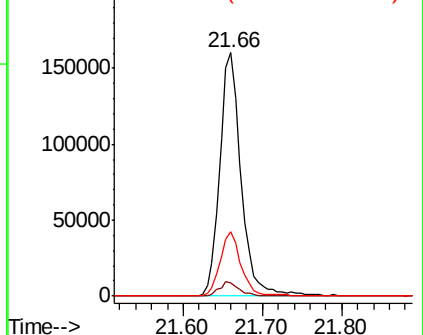
236 26.6 20.2 30.4

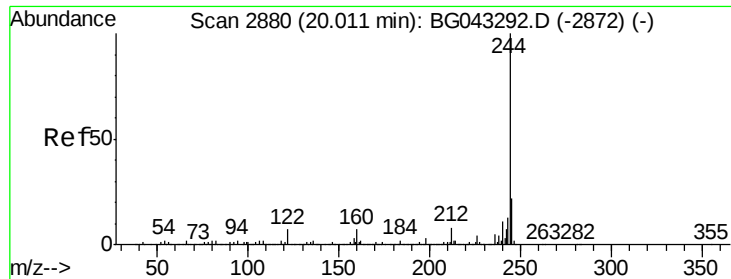


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.647 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043424.D

Acq: 31 Oct 2019 6:25

Instrument :

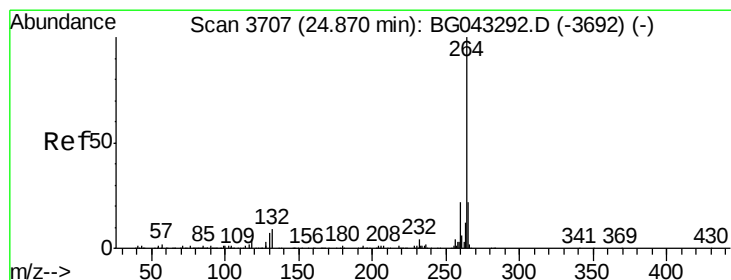
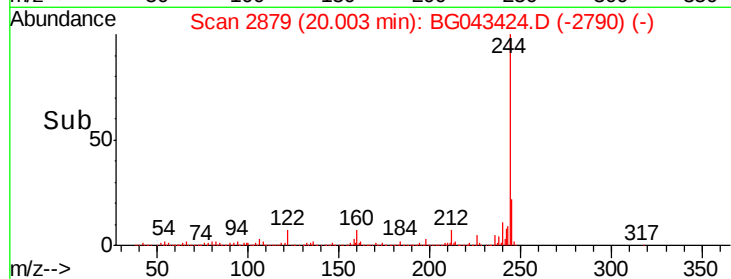
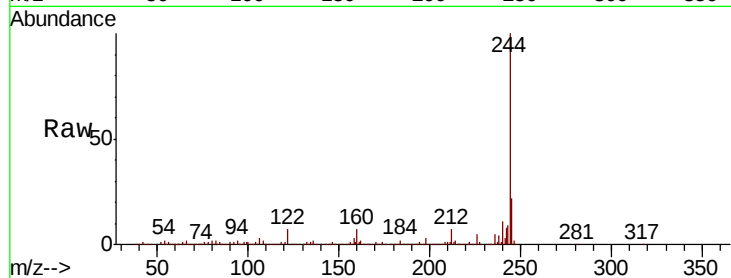
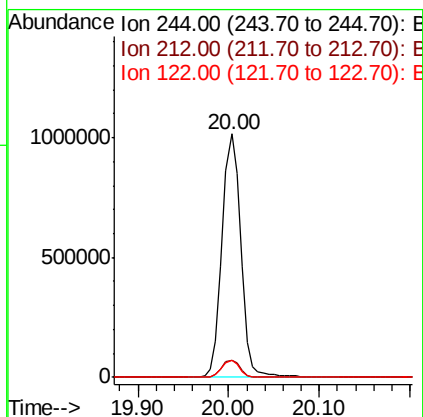
BNA_G

ClientSampled :

CSA-2-1-11

Tot Ion:244 Resp: 1460588

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	7.1	5.3	7.9



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043424.D

Acq: 31 Oct 2019 6:25

Tgt Ion:264 Resp: 349091

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.9	26.9
265	22.3	17.4	26.2

