

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043492.D
 Acq On : 4 Nov 2019 22:19
 Operator : JU
 Sample : K5676-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119

Quant Time: Nov 05 08:36:14 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

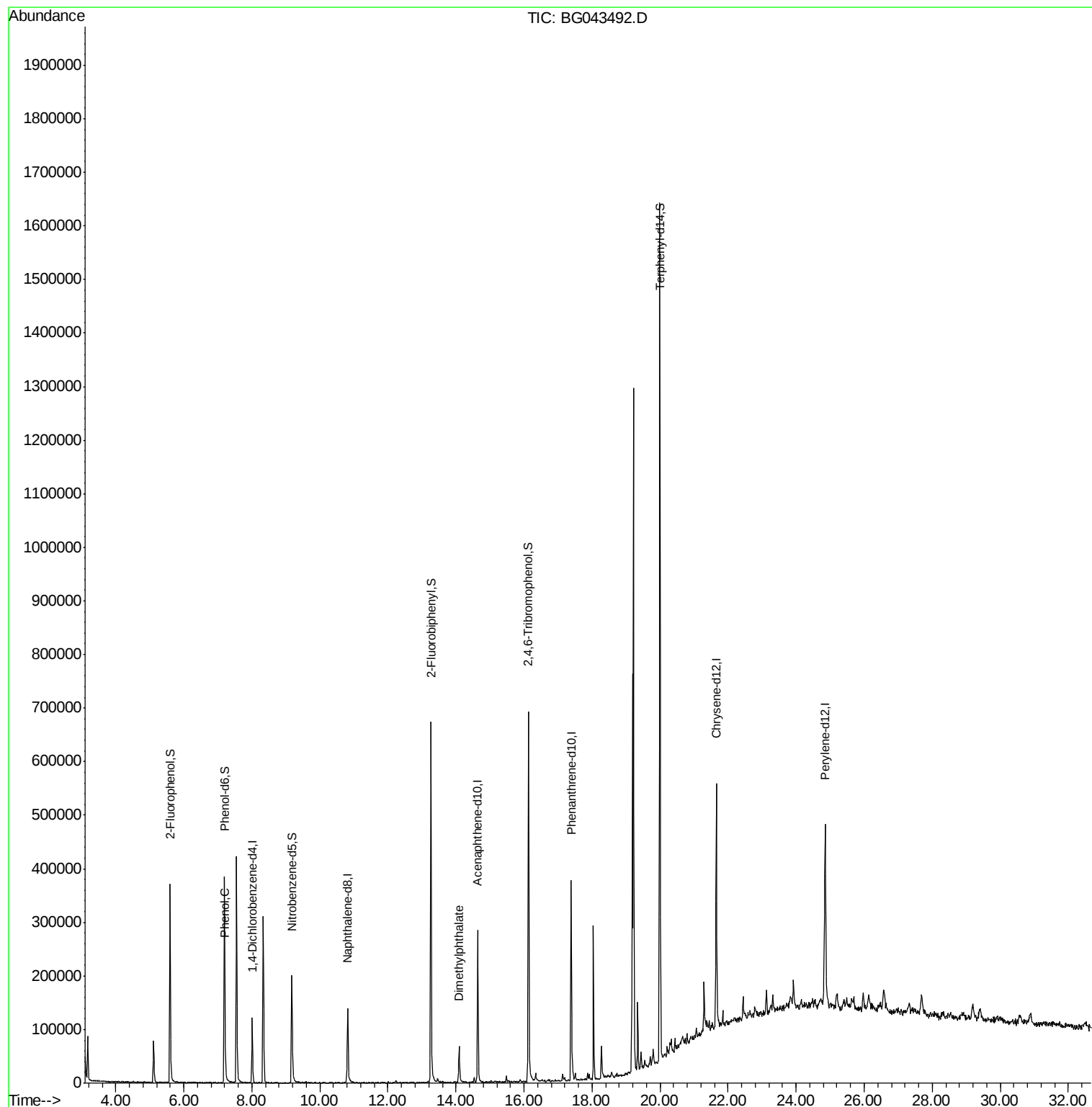
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	38269	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	145876	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	111694	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	270574	20.00	ng	0.00
76) Chrysene-d12	21.65	240	294969	20.00	ng	0.00
87) Perylene-d12	24.85	264	359851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	181366	86.84	ng	0.00
7) Phenol-d6	7.19	99	253580	84.39	ng	0.00
23) Nitrobenzene-d5	9.17	82	147388	52.09	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	169933	79.95	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	416475	51.52	ng	0.00
79) Terphenyl-d14	19.99	244	862403	54.85	ng	0.00
Target Compounds						
10) Phenol	7.22	94	10346	3.768	ng	84
50) Dimethylphthalate	14.09	163	56360	6.514	ng	# 95

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

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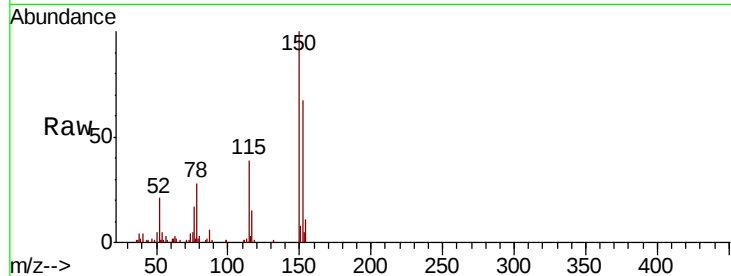


#1

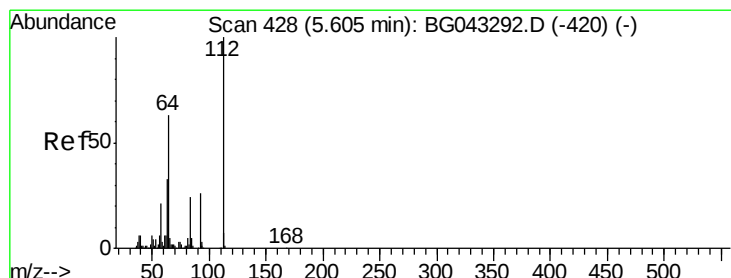
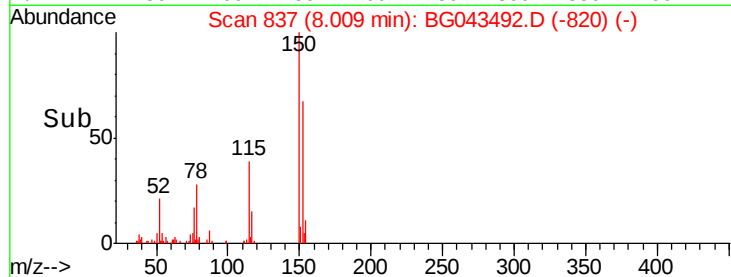
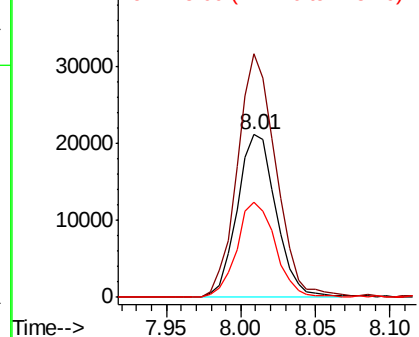
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tot Ion:152 Resp: 38269
Ion Ratio Lower Upper
152 100
150 149.8 129.4 194.0
115 58.6 48.8 73.2



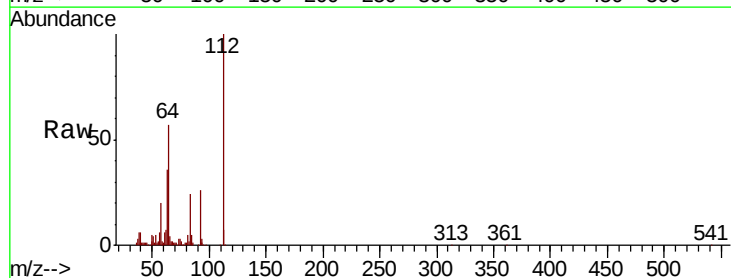
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



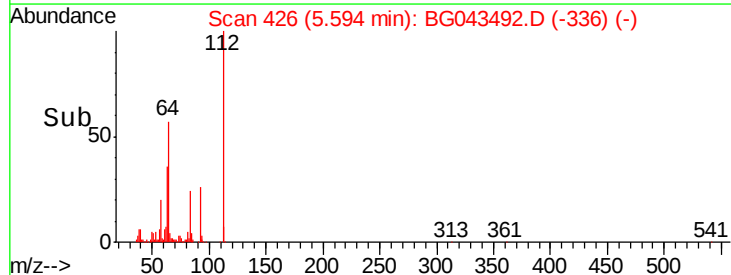
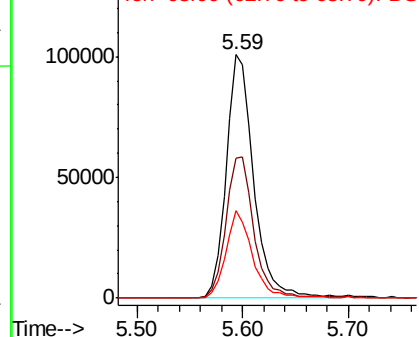
#5

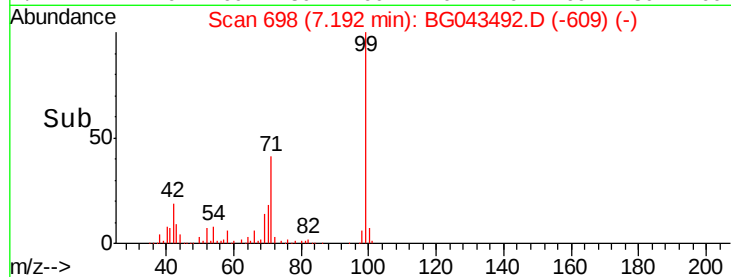
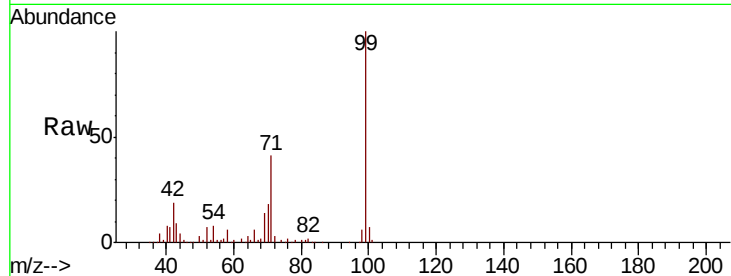
2-Fluorophenol
Concen: 86.844 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:112 Resp: 181366
Ion Ratio Lower Upper
112 100
64 57.4 50.0 75.0
63 36.0 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: 84.394 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

Instrument :

BNA_G

ClientSampleId :

SU-02-110119

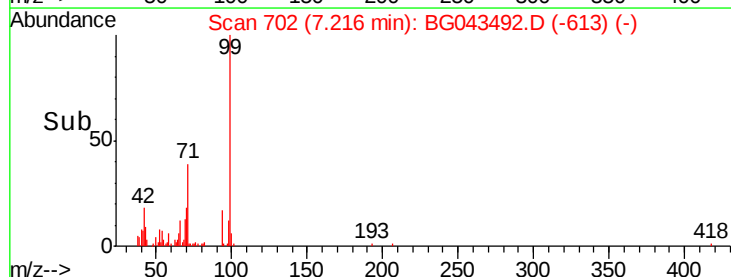
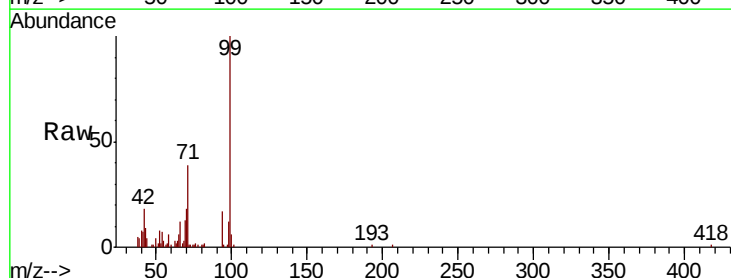
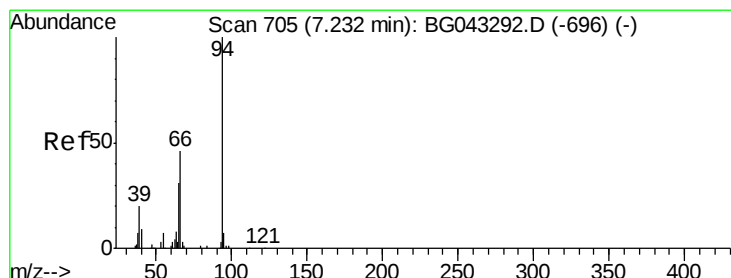
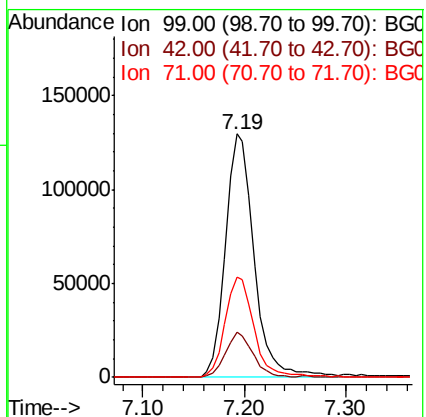
Tot Ion: 99 Resp: 253580

Ion Ratio Lower Upper

99 100

42 18.5 14.6 21.8

71 41.0 32.5 48.7



#10

Phenol

Concen: 3.768 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

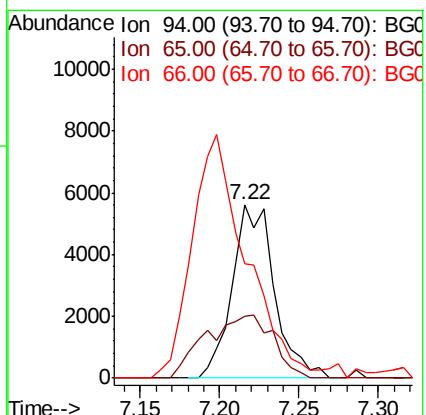
Tgt Ion: 94 Resp: 10346

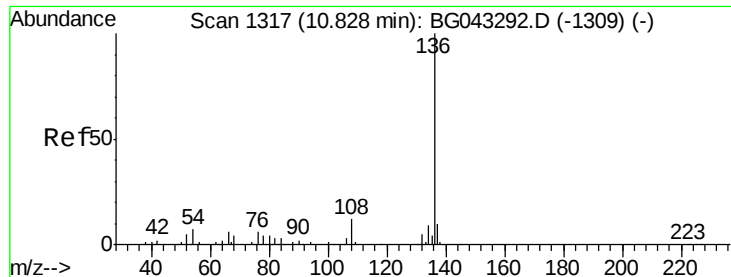
Ion Ratio Lower Upper

94 100

65 35.9 12.6 52.6

66 66.0 30.7 70.7

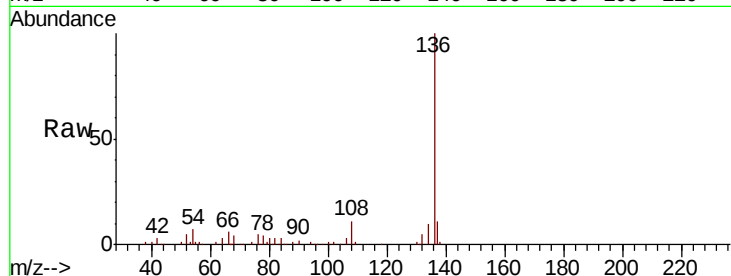




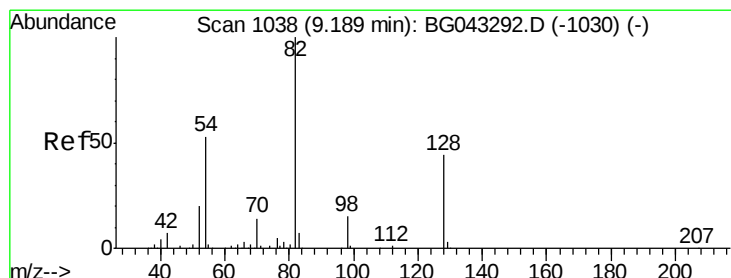
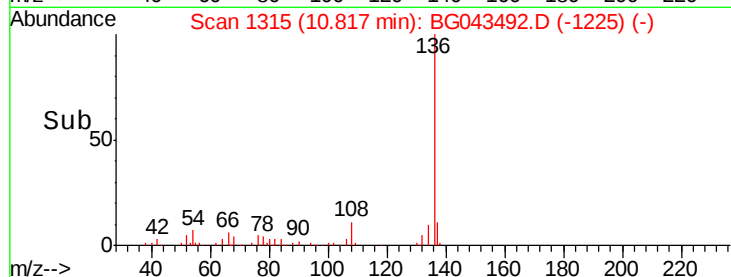
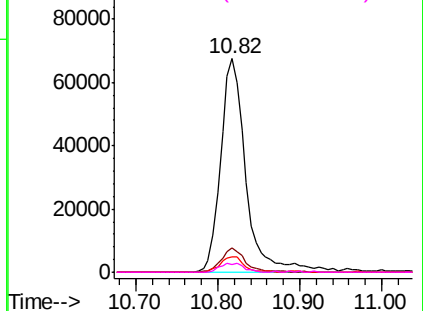
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tot Ion:136	Resp:	145876
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.7 13.1
54	7.5	5.4 8.2
68	3.9	3.0 4.4

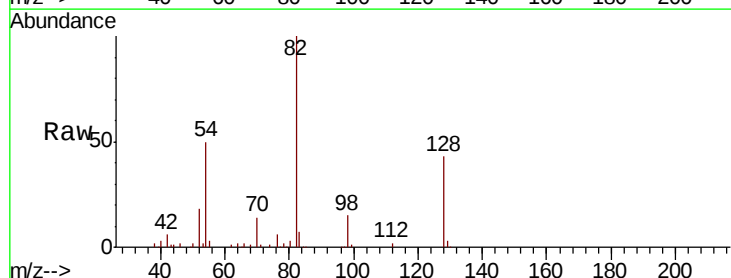


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

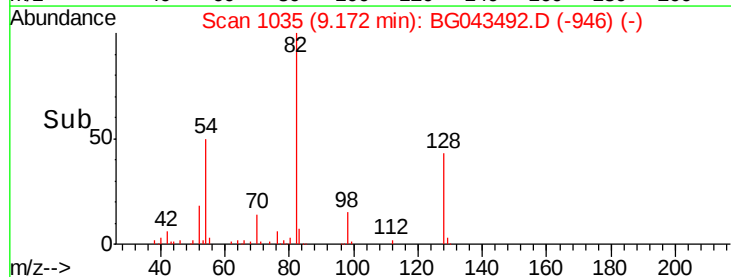
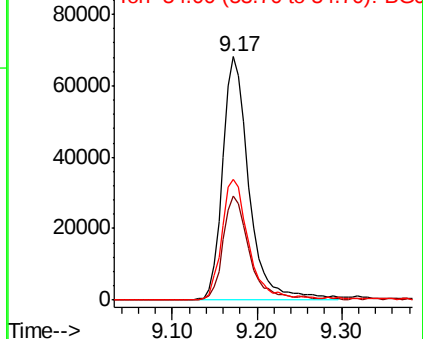


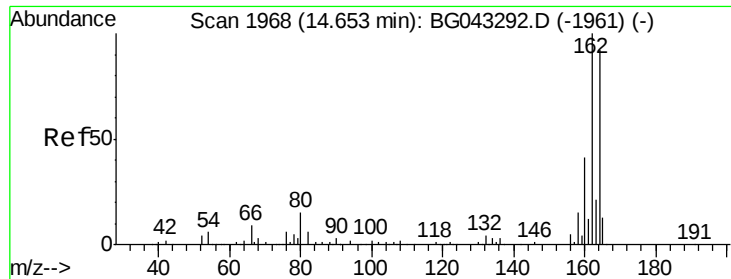
#23
Nitrobenzene-d5
Concen: 52.089 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion: 82	Resp:	147388
Ion	Ratio	Lower Upper
82	100	
128	42.9	35.0 52.6
54	49.7	40.2 60.2



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: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

Instrument :

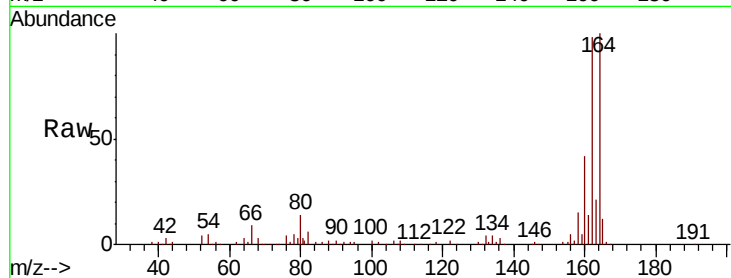
BNA_G

ClientSampleId :

SU-02-110119

Tot Ion:164 Resp: 111694

Ion	Ratio	Lower	Upper
164	100		
162	97.6	83.5	125.3
160	42.5	36.5	54.7

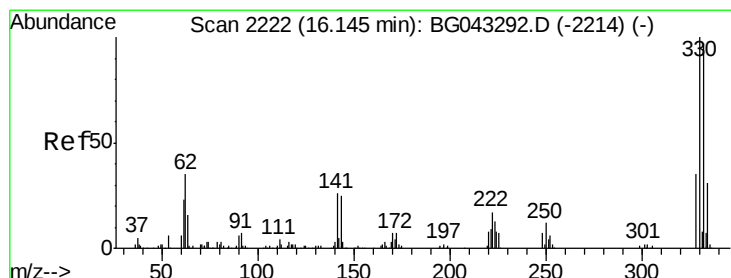
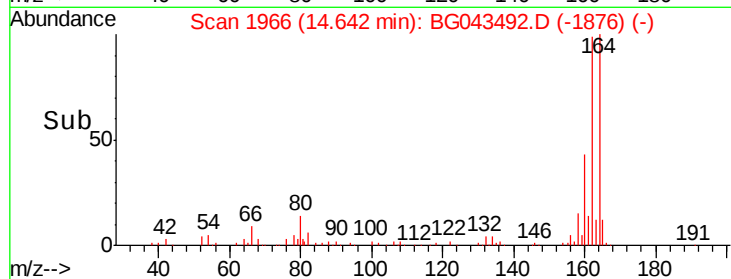
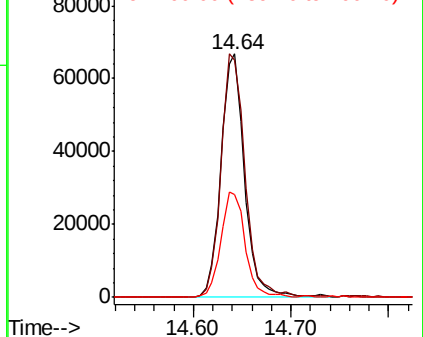


Abundance

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: 79.948 ng

RT: 16.13 min Scan# 2219

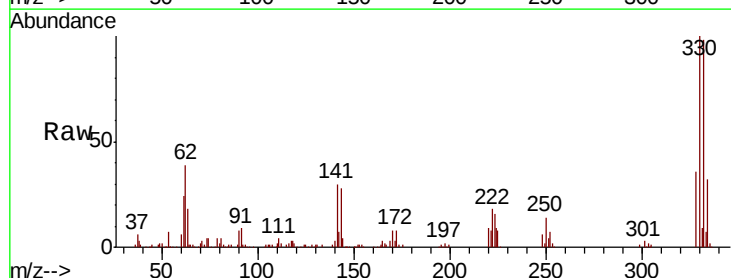
Delta R.T. -0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

Tgt Ion:330 Resp: 169933

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	28.3	22.8	34.2

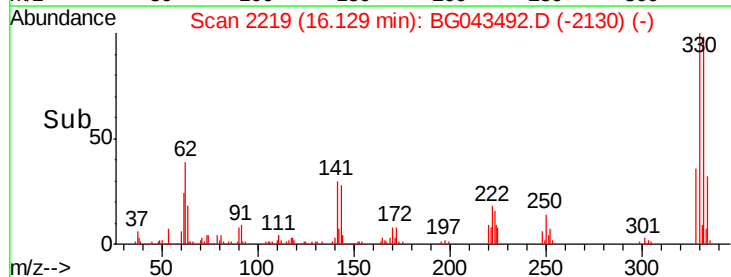
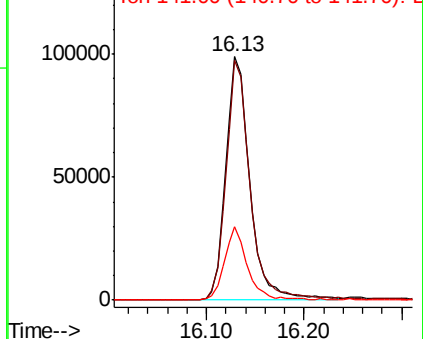


Abundance

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

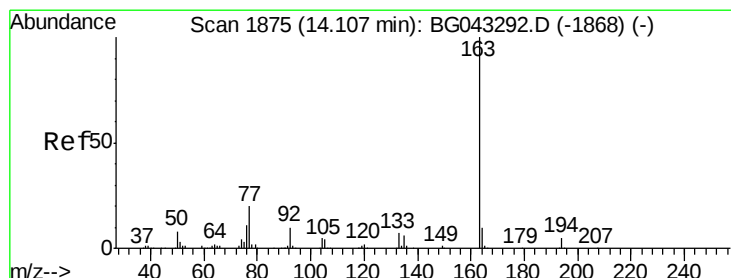
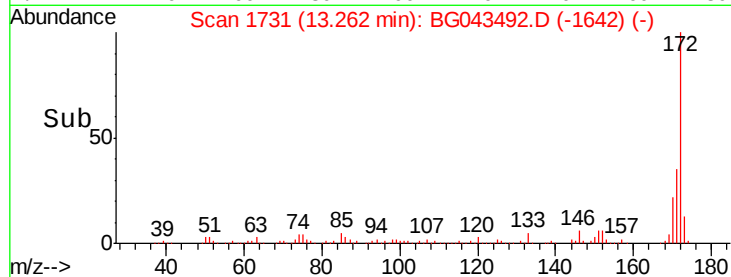
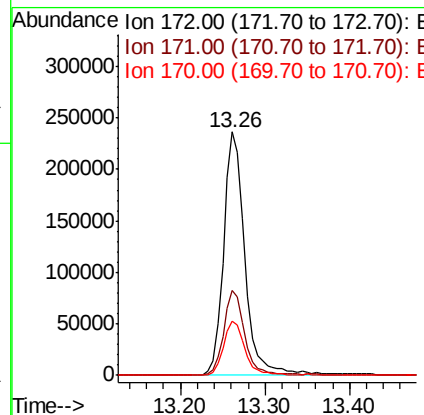
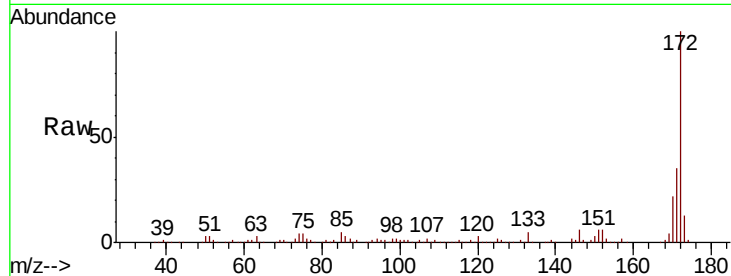




#45
 2-Fluorobiphenyl
 Concen: 51.523 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG043492.D
 Acq: 4 Nov 2019 22:19

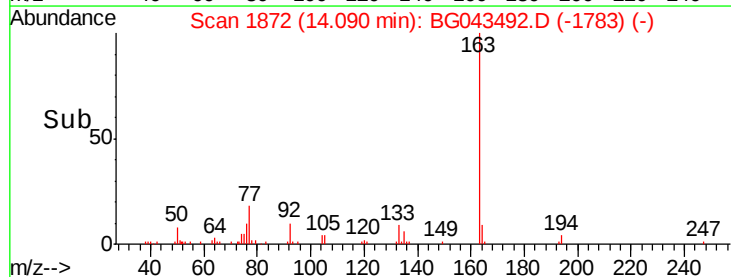
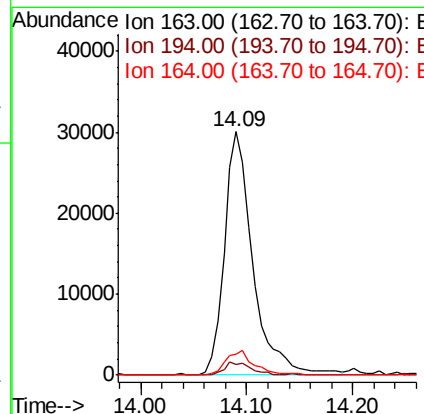
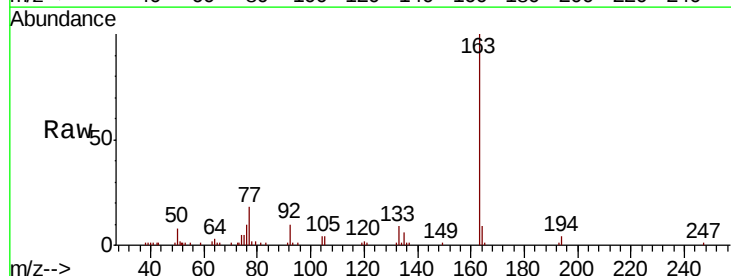
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119

Tot Ion:172 Resp: 416475
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 22.5 18.5 27.7



#50
 Dimethylphthalate
 Concen: 6.514 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG043492.D
 Acq: 4 Nov 2019 22:19

Tgt Ion:163 Resp: 56360
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.8 5.6
 164 8.8 8.9 13.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

Instrument :

BNA_G

ClientSampleId :

SU-02-110119

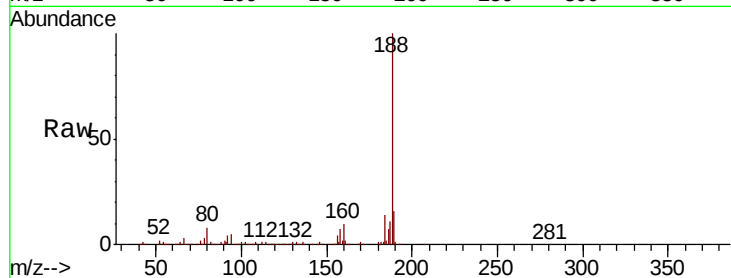
Tot Ion:188 Resp: 270574

Ion Ratio Lower Upper

188 100

94 4.9 4.2 6.4

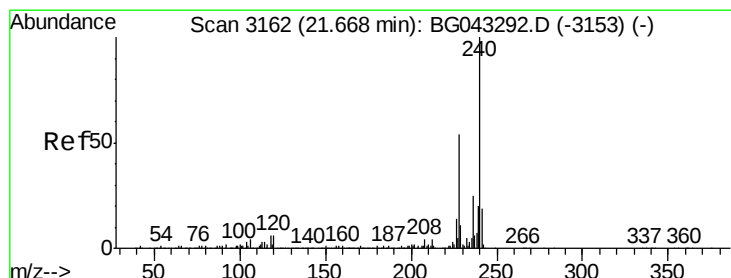
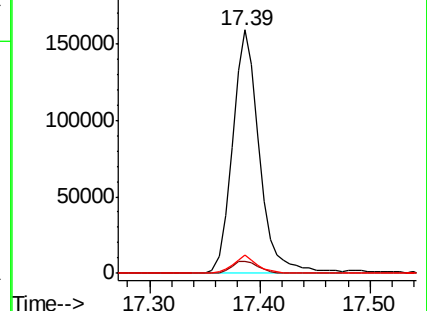
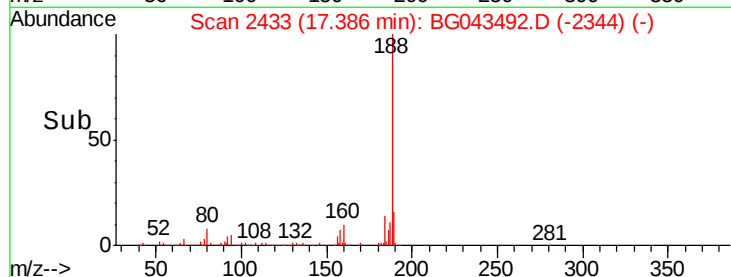
80 7.5 4.5 6.7#



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: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

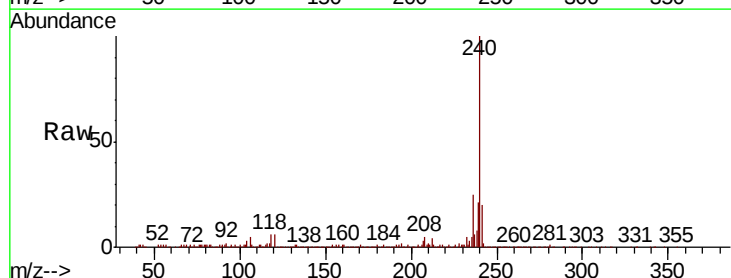
Tgt Ion:240 Resp: 294969

Ion Ratio Lower Upper

240 100

120 6.2 4.6 6.8

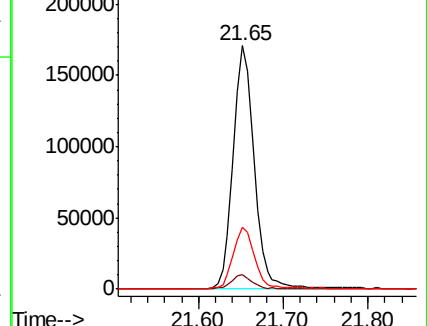
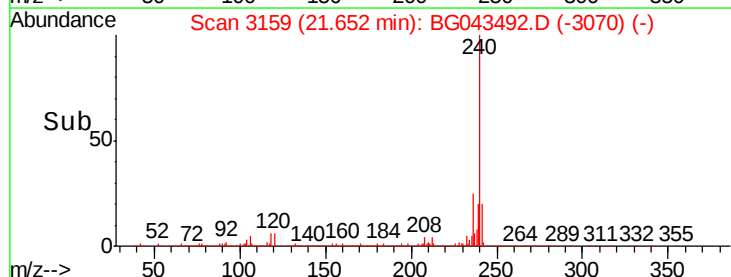
236 25.3 19.8 29.8

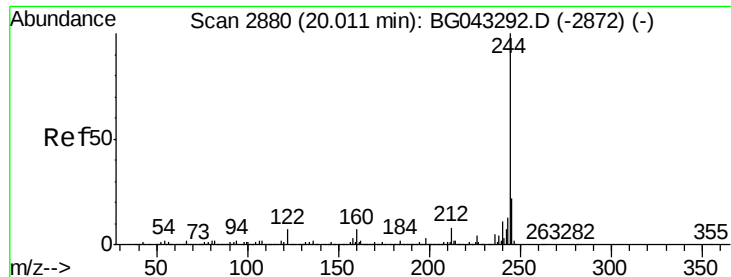


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 54.850 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

Instrument :

BNA_G

ClientSampleId :

SU-02-110119

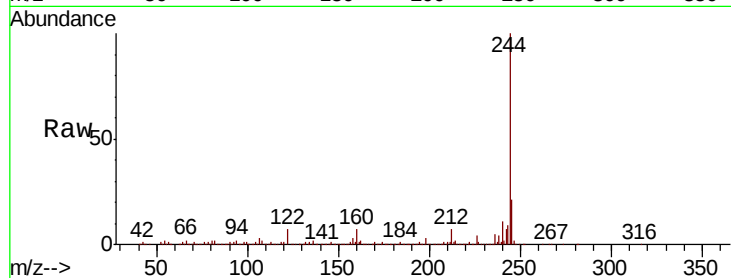
Tot Ion:244 Resp: 862403

Ion Ratio Lower Upper

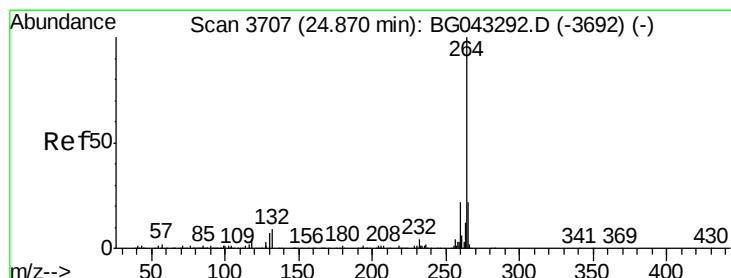
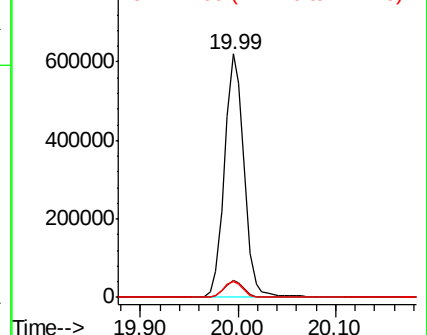
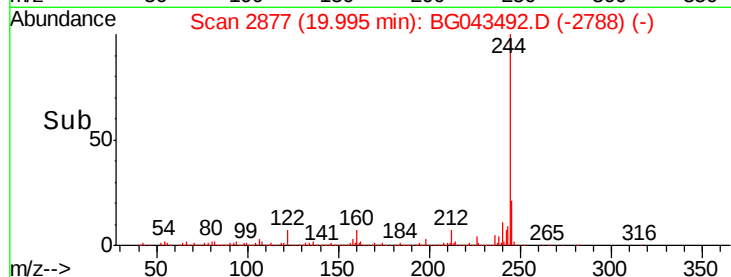
244 100

212 6.8 5.8 8.6

122 6.6 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: 24.85 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG043492.D

Acq: 4 Nov 2019 22:19

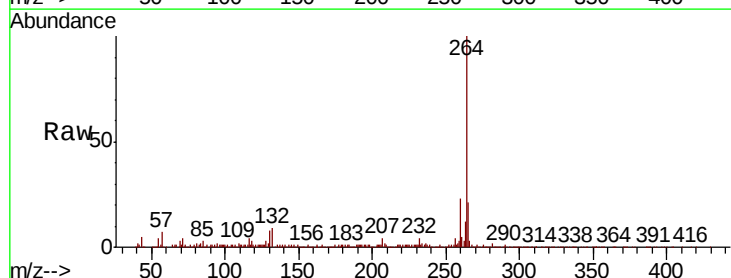
Tgt Ion:264 Resp: 359851

Ion Ratio Lower Upper

264 100

260 22.9 17.5 26.3

265 21.5 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

