

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043706.D
 Acq On : 19 Nov 2019 20:13
 Operator : JU
 Sample : K5864-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Quant Time: Nov 20 03:12:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

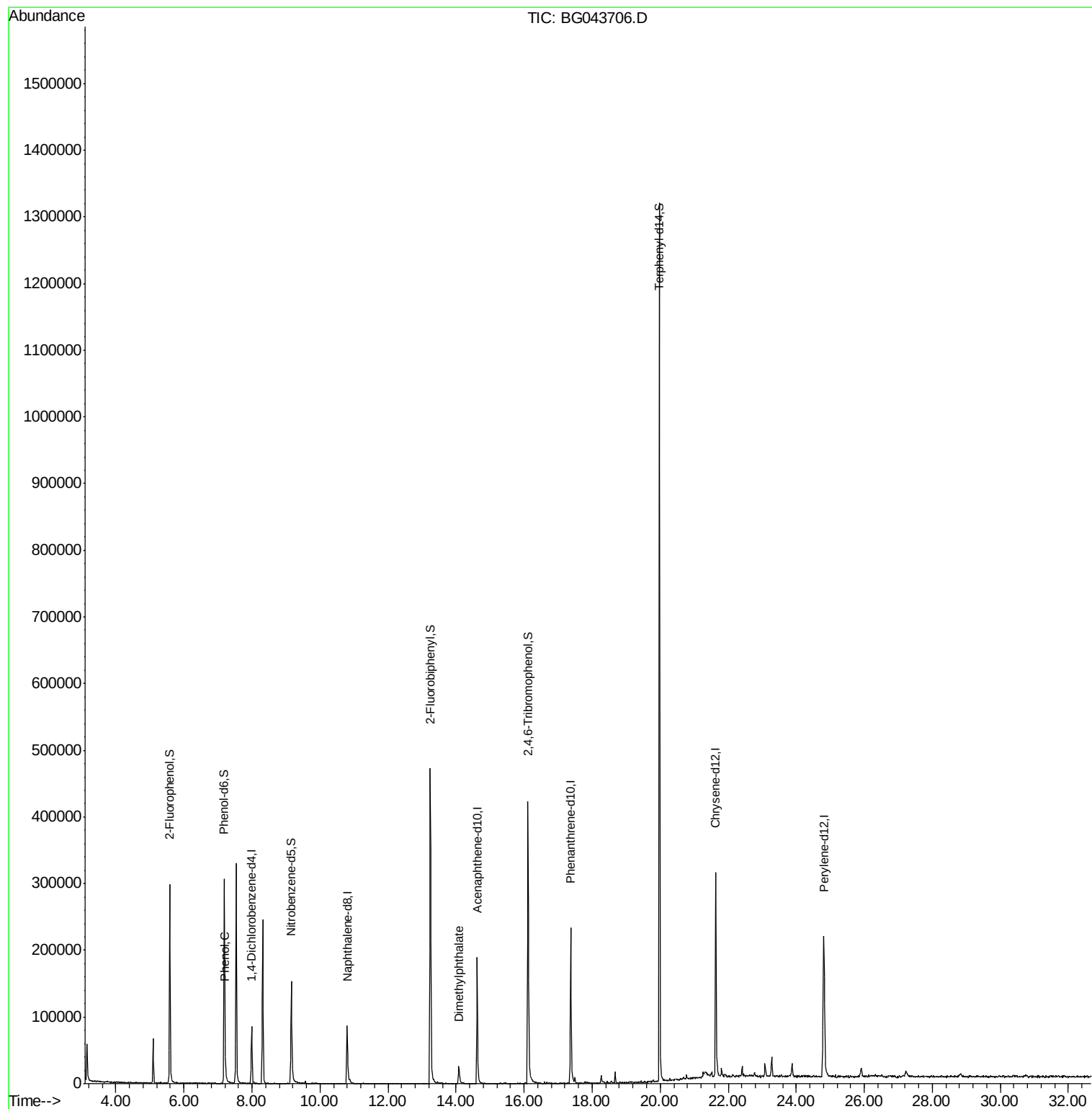
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26699	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	93253	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	77317	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	194685	20.00	ng	0.00
76) Chrysene-d12	21.63	240	225886	20.00	ng	0.00
87) Perylene-d12	24.81	264	261425	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	140140	96.18	ng	0.00
7) Phenol-d6	7.18	99	199121	94.99	ng	0.00
23) Nitrobenzene-d5	9.15	82	119871	66.27	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	117034	79.54	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	321515	57.46	ng	0.00
79) Terphenyl-d14	19.98	244	746797	62.02	ng	0.00
Target Compounds						
10) Phenol	7.21	94	10690	5.581	ng	85
50) Dimethylphthalate	14.08	163	30154	5.035	ng	96

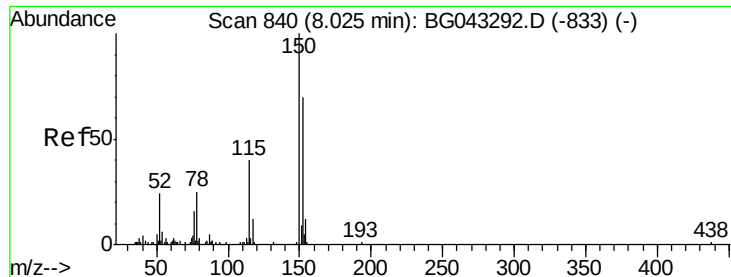
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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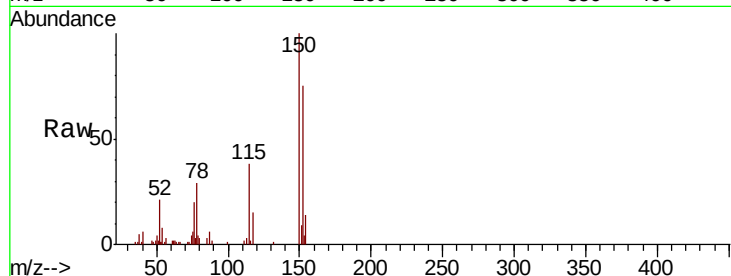


#1

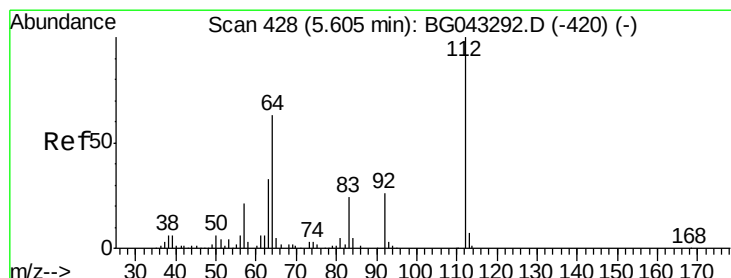
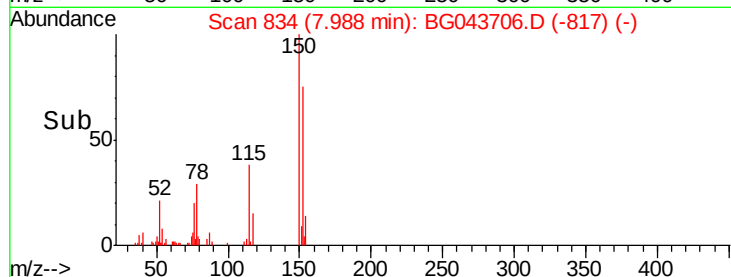
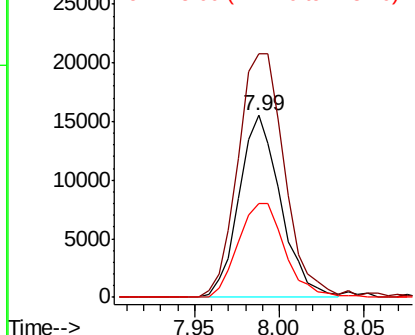
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

Instrument :
BNA_G
ClientSampled :
SB-02-COMP

Tot Ion:152 Resp: 26699
Ion Ratio Lower Upper
152 100
150 133.8 116.6 175.0
115 51.3 40.5 60.7



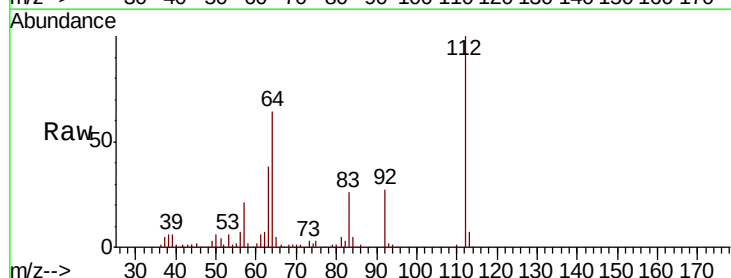
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



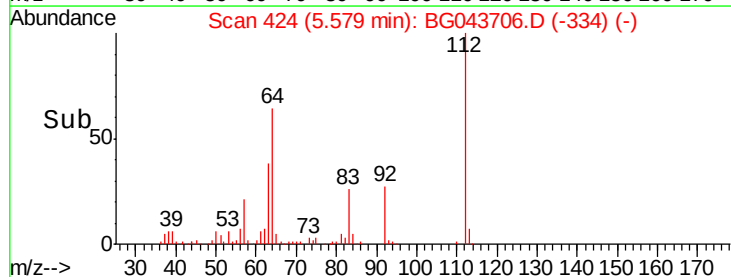
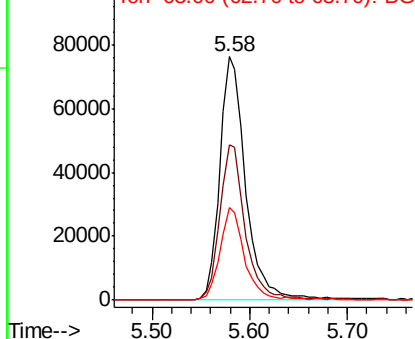
#5

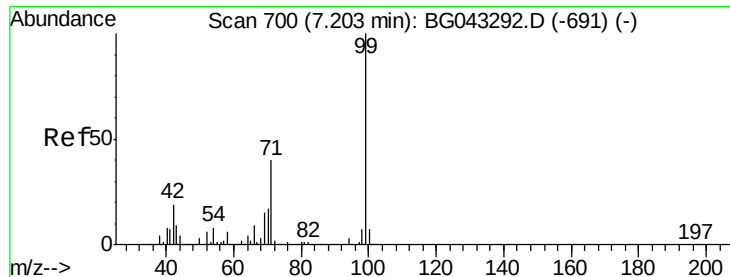
2-Fluorophenol
Concen: 96.183 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

Tgt Ion:112 Resp: 140140
Ion Ratio Lower Upper
112 100
64 63.6 50.6 75.8
63 37.9 30.5 45.7



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: 94.987 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

Instrument :

BNA_G

ClientSampled :

SB-02-COMP

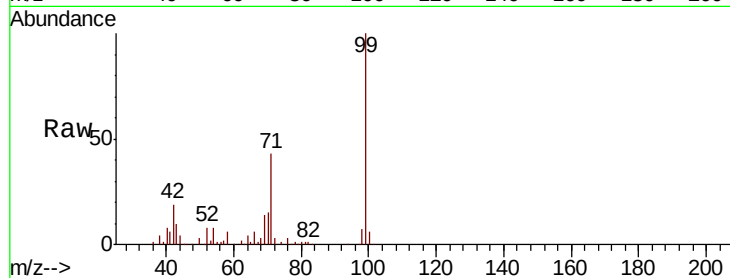
Tot Ion: 99 Resp: 199121

Ion Ratio Lower Upper

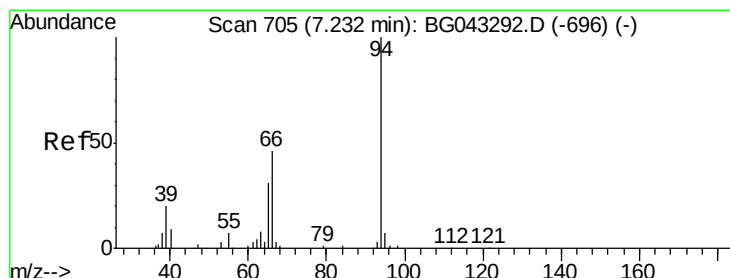
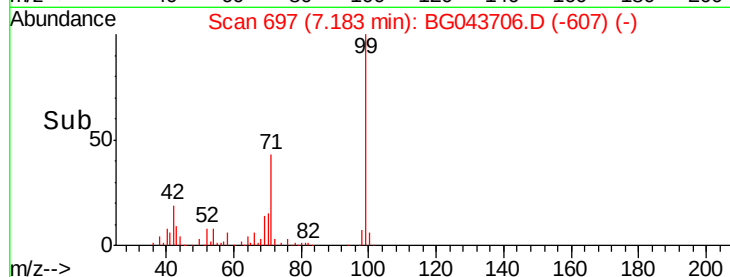
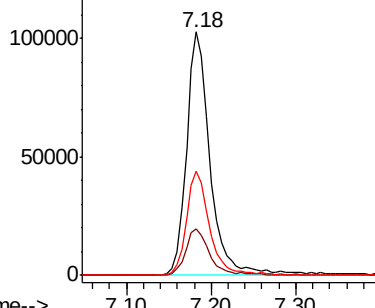
99 100

42 19.2 15.8 23.8

71 42.8 34.4 51.6



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: 5.581 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

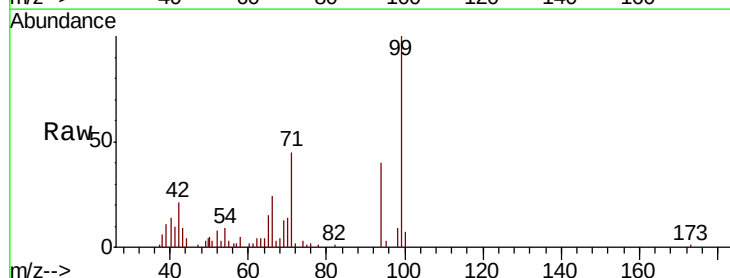
Tgt Ion: 94 Resp: 10690

Ion Ratio Lower Upper

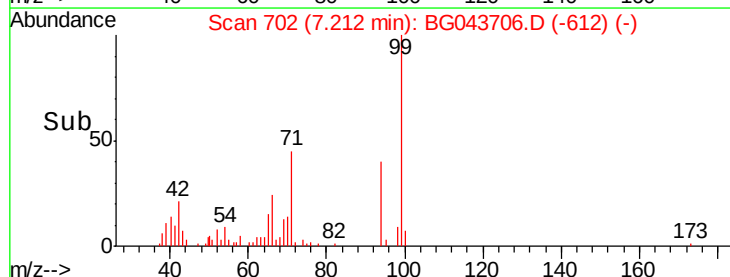
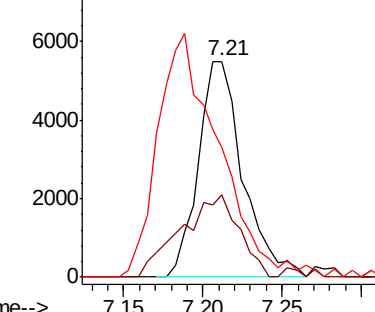
94 100

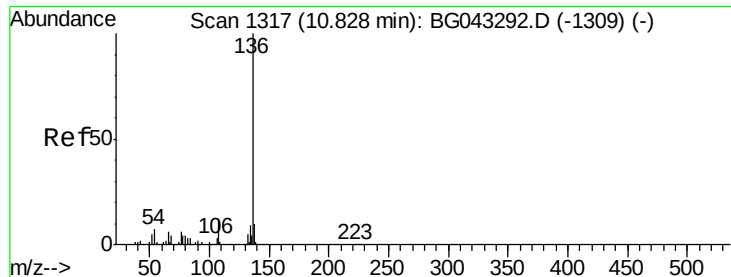
65 38.1 11.4 51.4

66 59.9 28.4 68.4



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

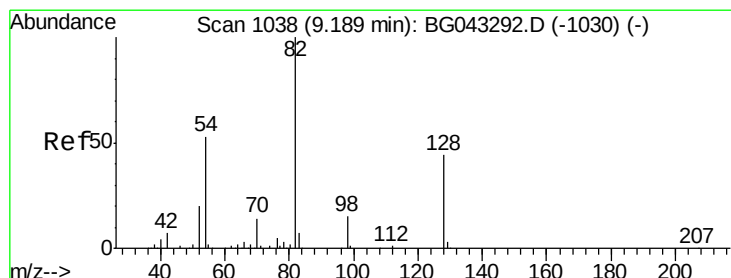
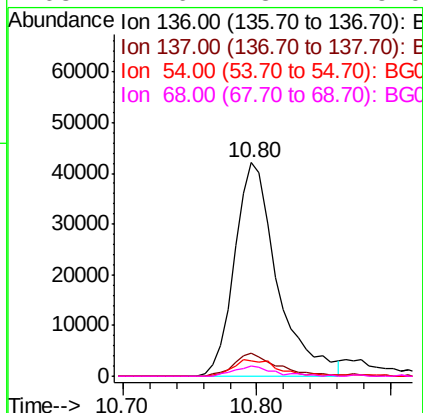
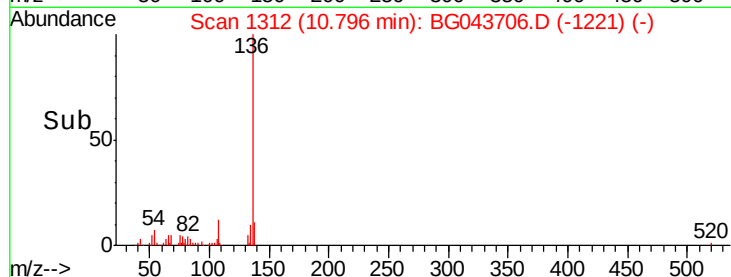
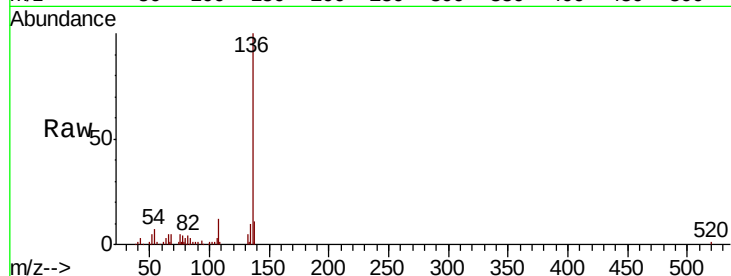




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

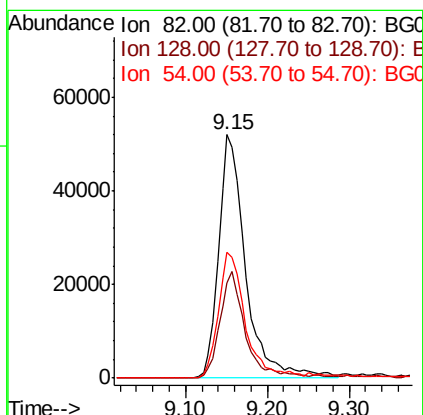
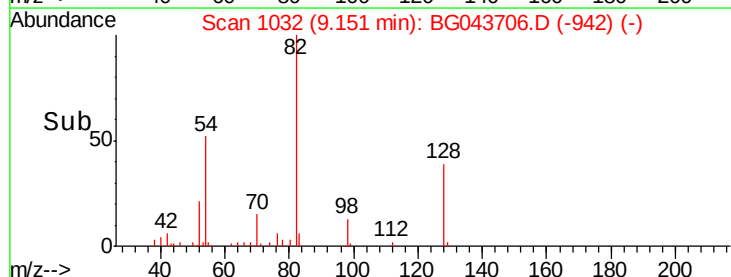
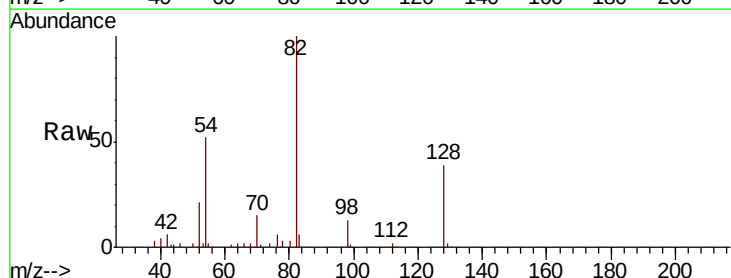
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

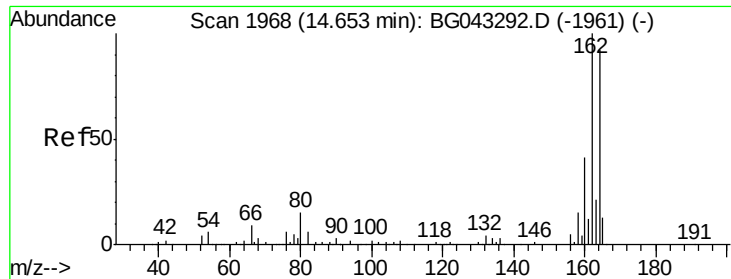
Tot Ion:136	Resp:	93253	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 7.3	6.2	9.2	
68 4.6	3.4	5.0	



#23
Nitrobenzene-d5
Concen: 66.270 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043706.D
Acq: 19 Nov 2019 20:13

Tgt Ion: 82	Resp: 119871
Ion Ratio	Lower Upper
82 100	
128 39.1	34.2 51.4
54 51.7	44.7 67.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

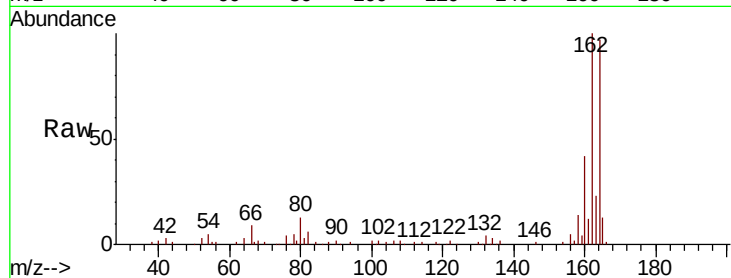
Tot Ion:164 Resp: 77317

Ion Ratio Lower Upper

164 100

162 103.3 79.4 119.2

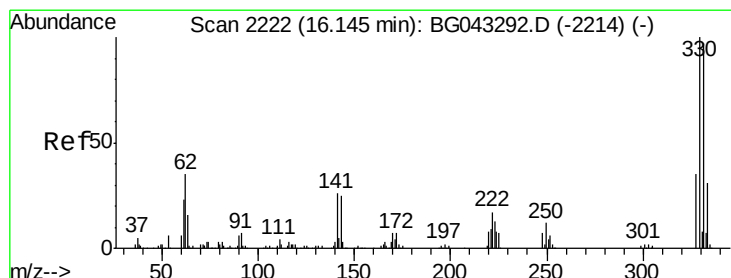
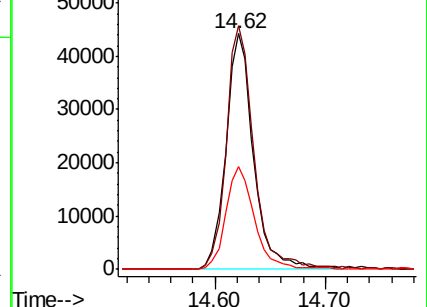
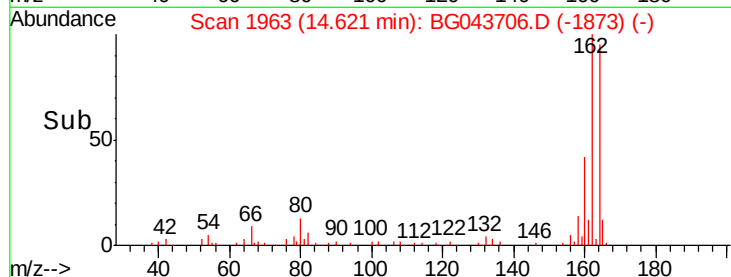
160 43.7 36.3 54.5



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: 79.542 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

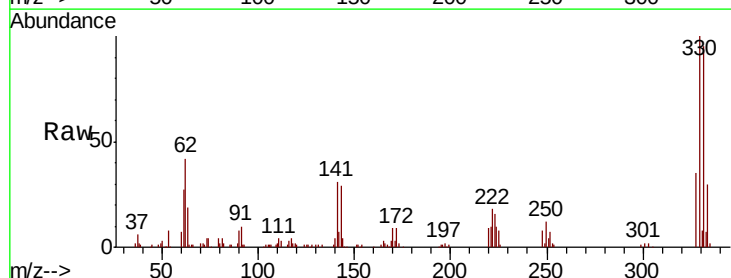
Tgt Ion:330 Resp: 117034

Ion Ratio Lower Upper

330 100

332 90.3 76.6 115.0

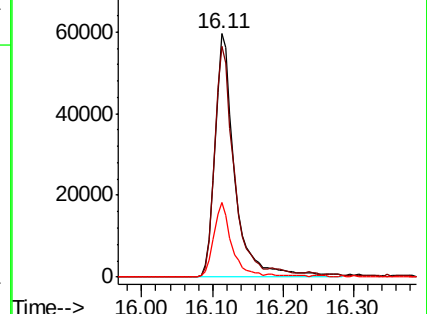
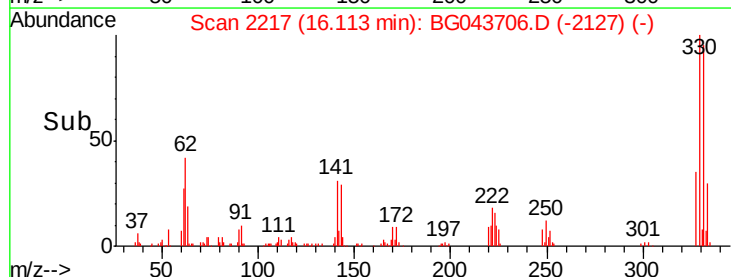
141 28.1 23.4 35.2

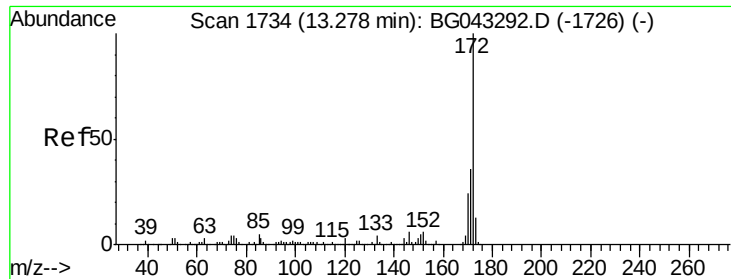


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

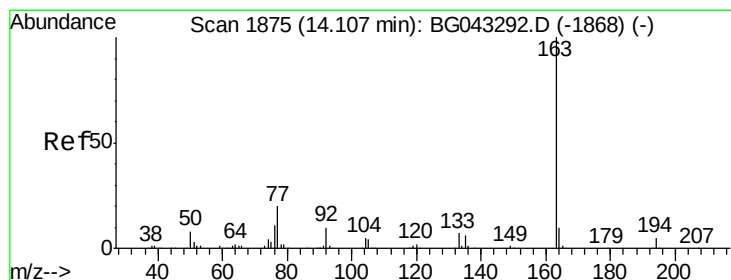
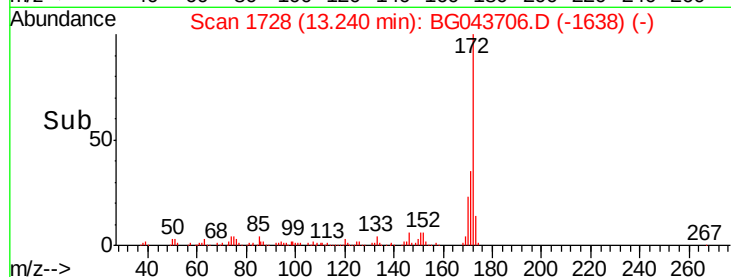
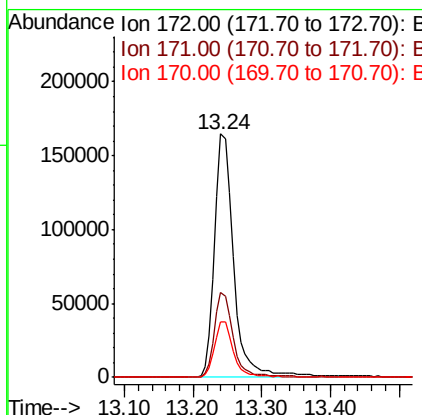
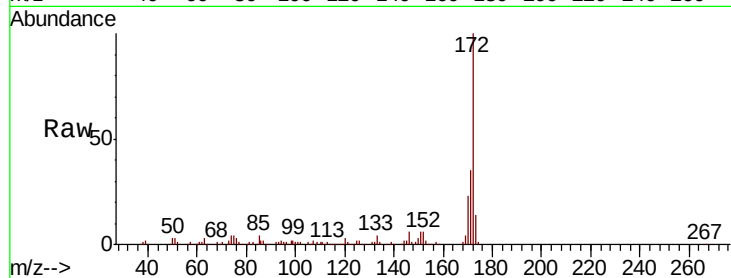




#45
 2-Fluorobiphenyl
 Concen: 57.461 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043706.D
 Acq: 19 Nov 2019 20:13

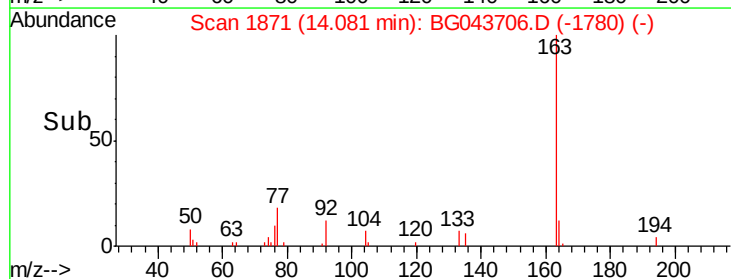
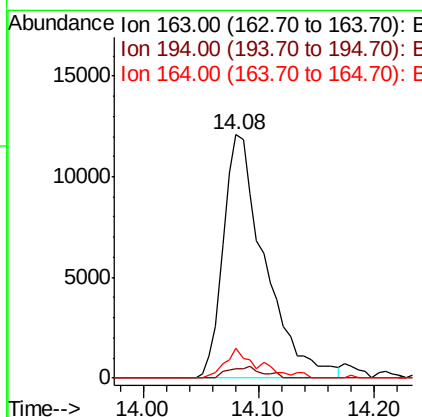
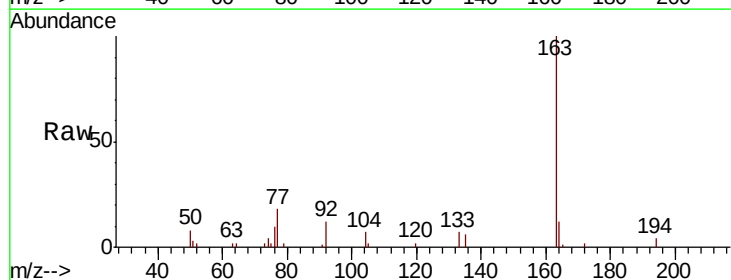
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

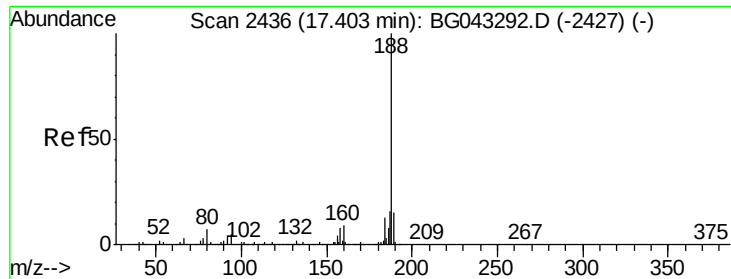
Tot Ion:172 Resp: 321515
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 22.7 18.8 28.2



#50
 Dimethylphthalate
 Concen: 5.035 ng
 RT: 14.08 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BG043706.D
 Acq: 19 Nov 2019 20:13

Tgt Ion:163 Resp: 30154
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.8 5.8
 164 12.1 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

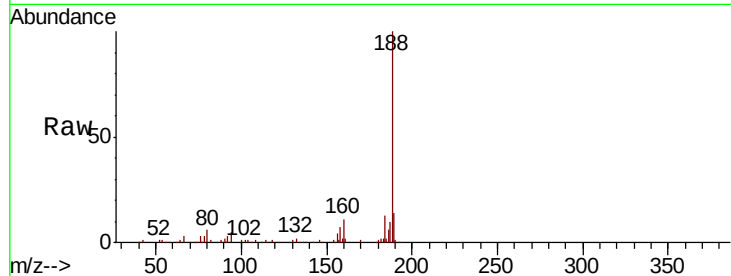
Tot Ion:188 Resp: 194685

Ion Ratio Lower Upper

188 100

94 5.1 4.6 7.0

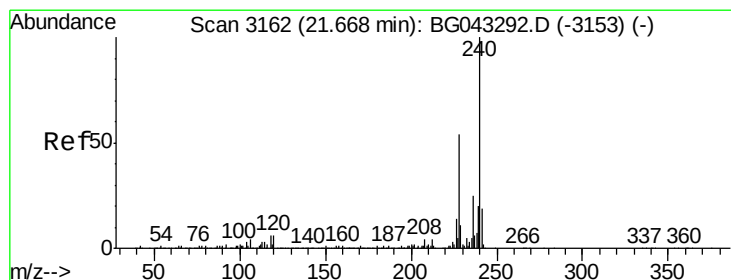
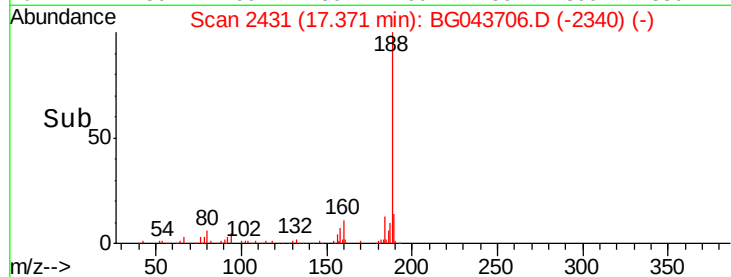
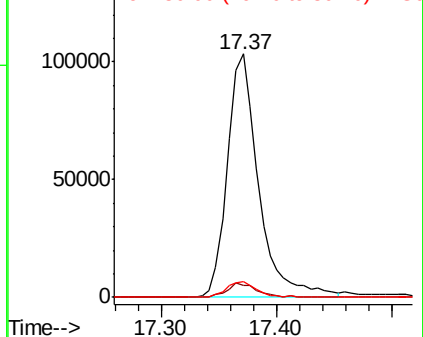
80 6.5 5.2 7.8



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: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

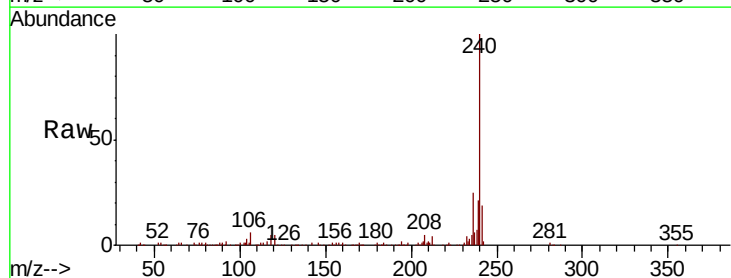
Tgt Ion:240 Resp: 225886

Ion Ratio Lower Upper

240 100

120 5.3 4.9 7.3

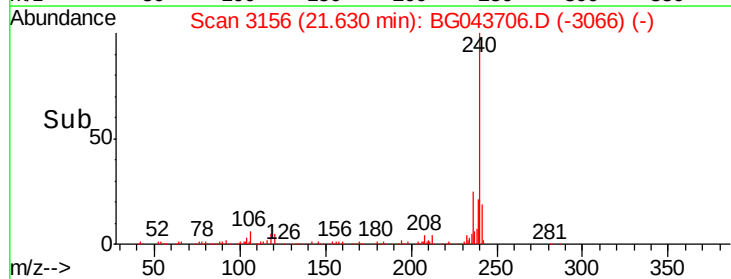
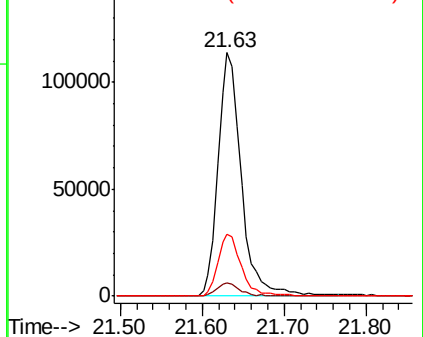
236 25.2 21.4 32.0

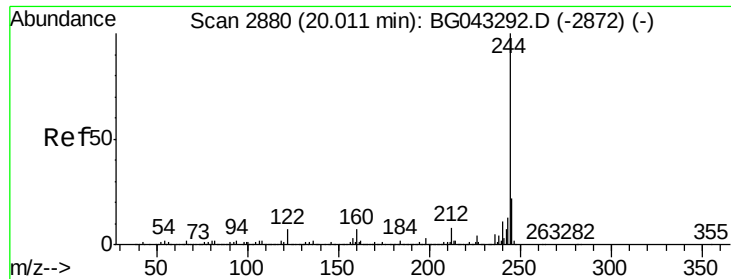


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.024 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

Instrument :

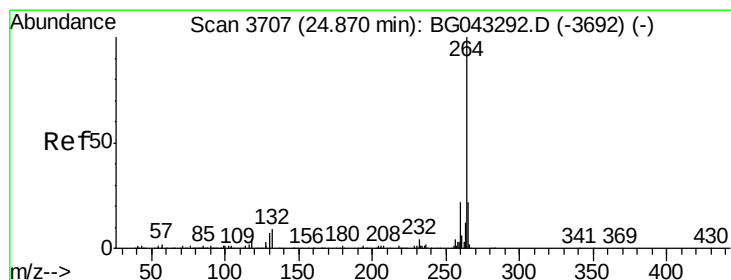
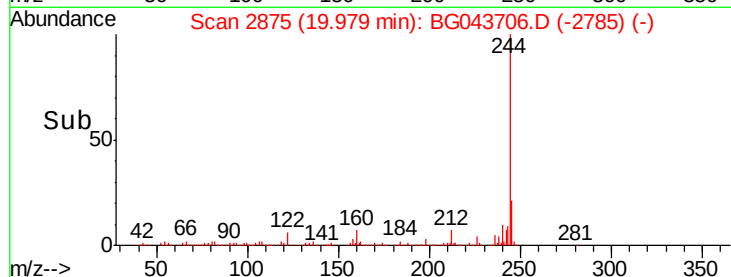
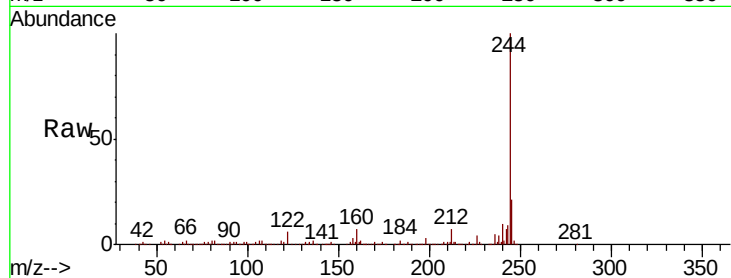
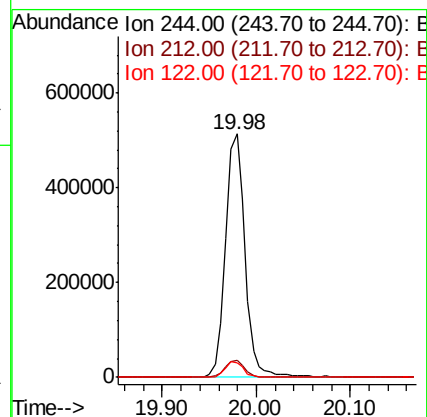
BNA_G

ClientSampleId :

SB-02-COMP

Tot Ion:244 Resp: 746797

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	6.1	5.2	7.8



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG043706.D

Acq: 19 Nov 2019 20:13

Tgt Ion:264 Resp: 261425

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.7	15.8	23.8

