

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043728.D
 Acq On : 20 Nov 2019 15:15
 Operator : JU
 Sample : K5904-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-(14-16)

Quant Time: Nov 21 00:54:36 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

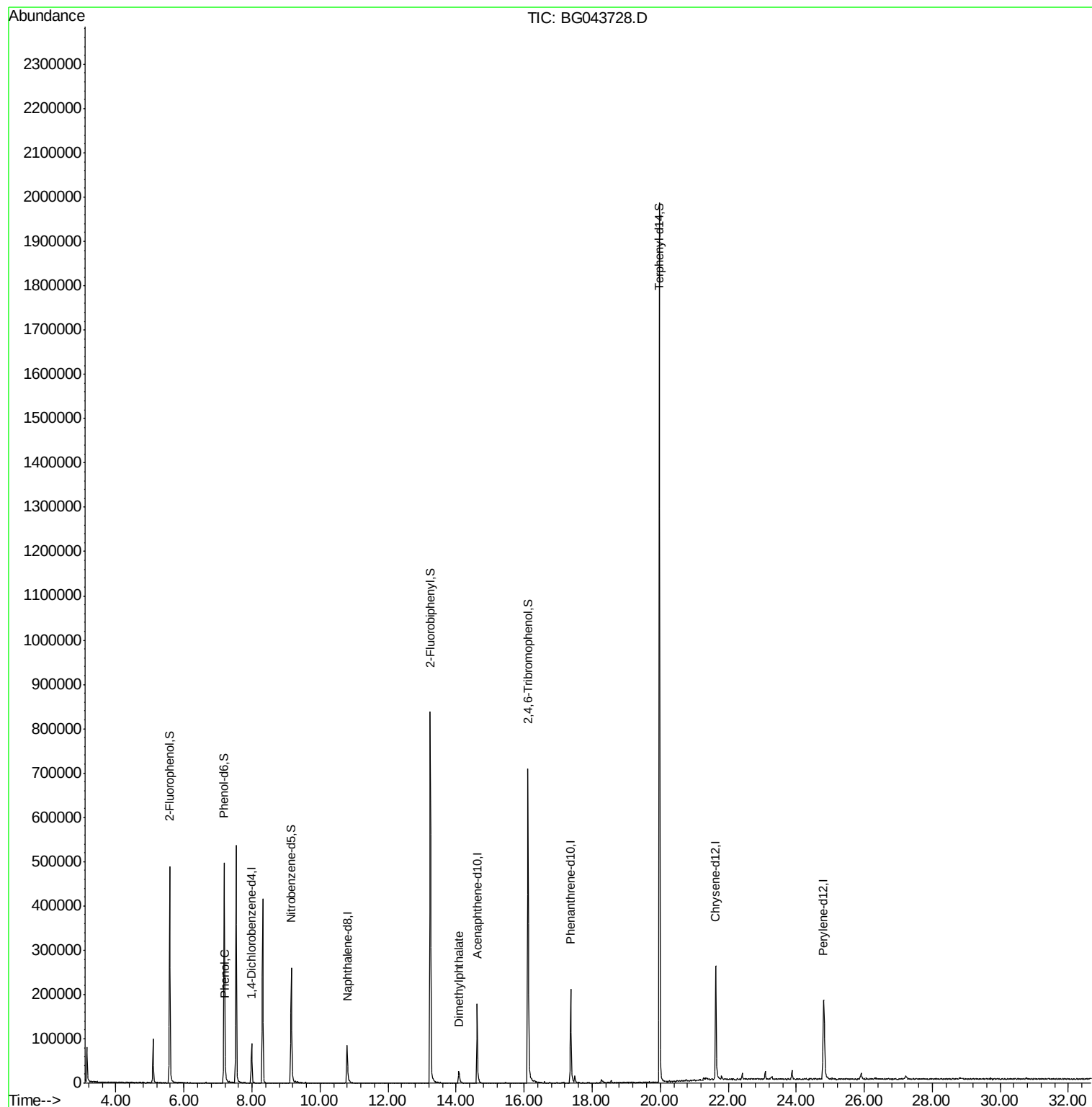
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26280	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	98432	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	73015	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	180626	20.00	ng	0.00
76) Chrysene-d12	21.63	240	195237	20.00	ng	0.00
87) Perylene-d12	24.81	264	225333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	225559	157.28	ng	0.00
7) Phenol-d6	7.18	99	311634	151.03	ng	0.00
23) Nitrobenzene-d5	9.15	82	179350	93.94	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	183346	131.95	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	519151	98.25	ng	0.00
79) Terphenyl-d14	19.98	244	1118926	107.52	ng	0.00
Target Compounds						
10) Phenol	7.21	94	10363	5.496	ng	95
50) Dimethylphthalate	14.09	163	32682	5.779	ng	96

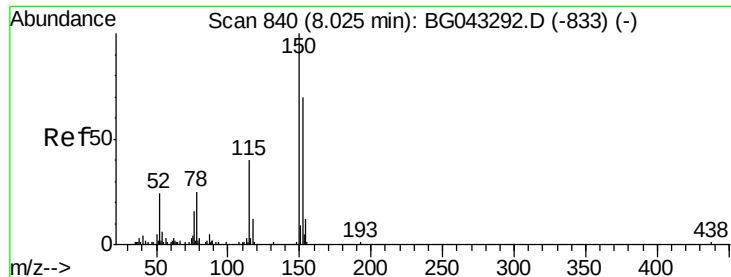
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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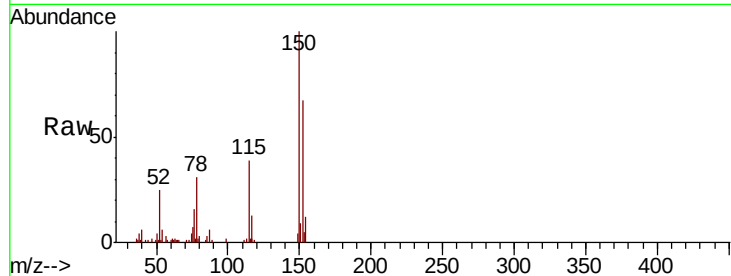


#1

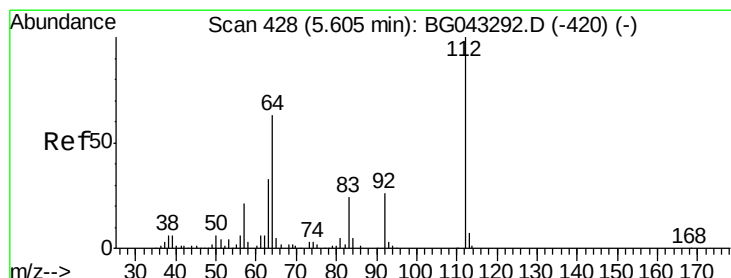
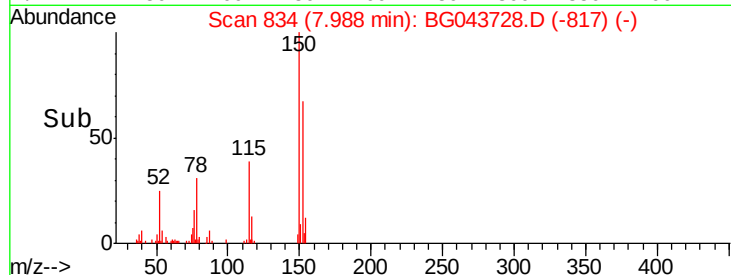
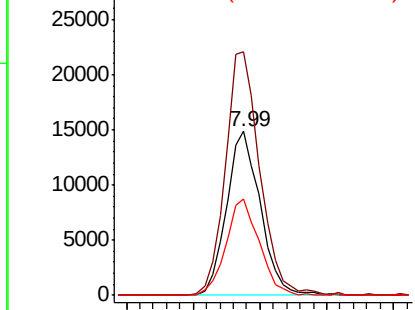
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043728.D
Acq: 20 Nov 2019 15:15

Instrument :
BNA_G
ClientSampleId :
1-(14-16)

Tot Ion:152 Resp: 26280
Ion Ratio Lower Upper
152 100
150 148.4 116.6 175.0
115 58.5 40.5 60.7



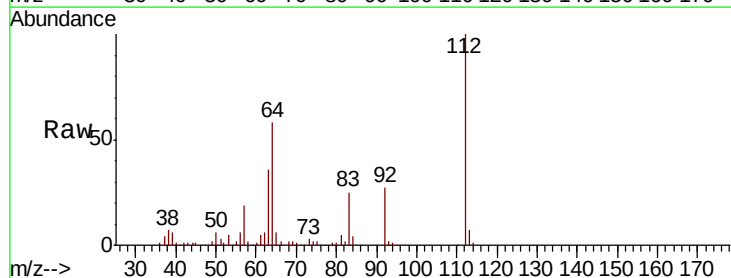
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



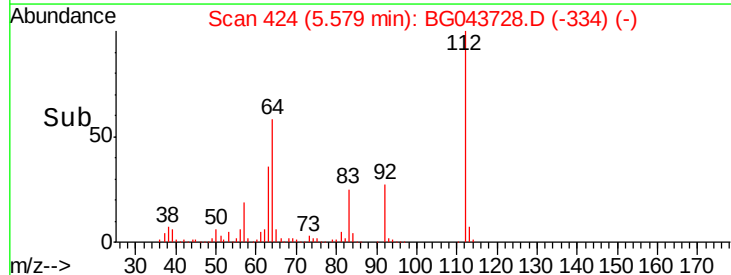
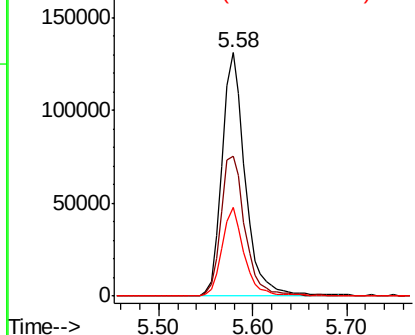
#5

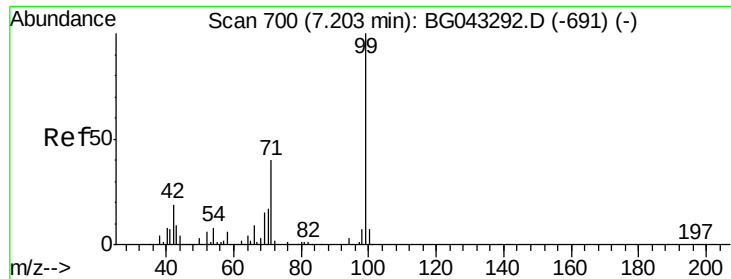
2-Fluorophenol
Concen: 157.277 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043728.D
Acq: 20 Nov 2019 15:15

Tgt Ion:112 Resp: 225559
Ion Ratio Lower Upper
112 100
64 57.5 50.6 75.8
63 36.5 30.5 45.7



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: 151.029 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043728.D

Acq: 20 Nov 2019 15:15

Instrument :

BNA_G

ClientSampleId :

1-(14-16)

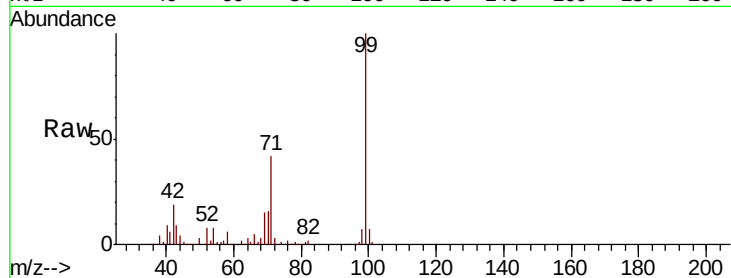
Tot Ion: 99 Resp: 311634

Ion Ratio Lower Upper

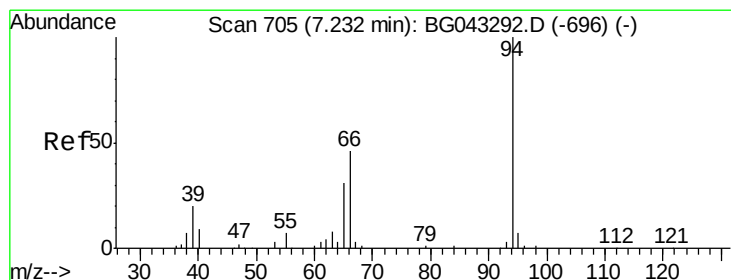
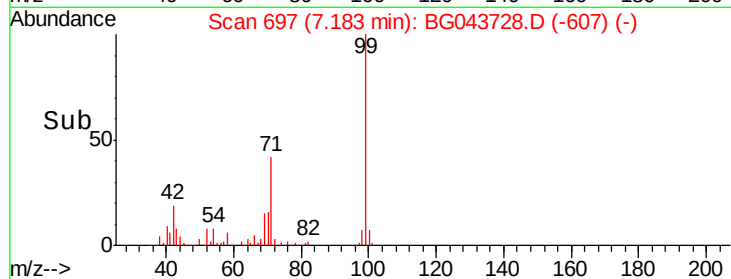
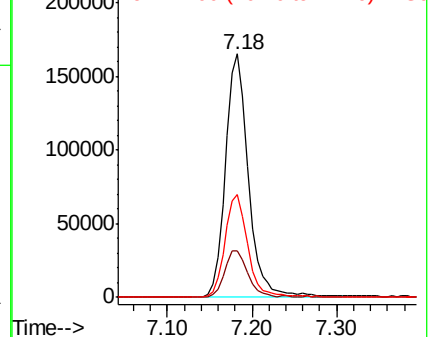
99 100

42 19.2 15.8 23.8

71 42.0 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: 5.496 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043728.D

Acq: 20 Nov 2019 15:15

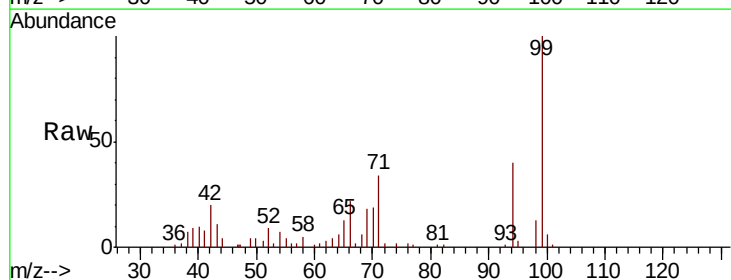
Tgt Ion: 94 Resp: 10363

Ion Ratio Lower Upper

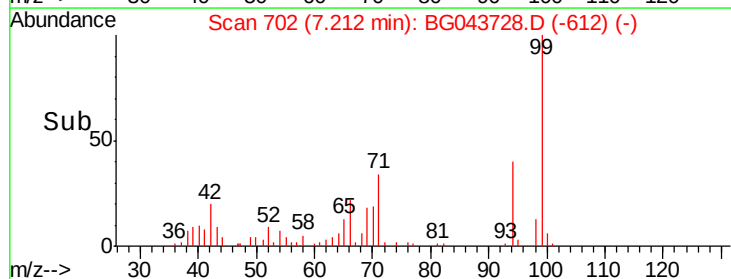
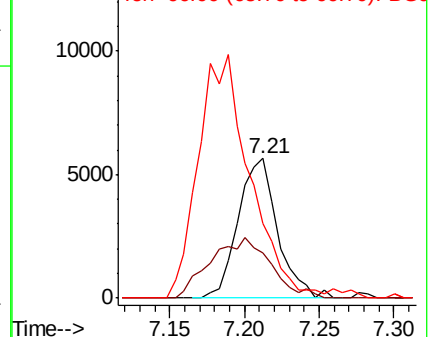
94 100

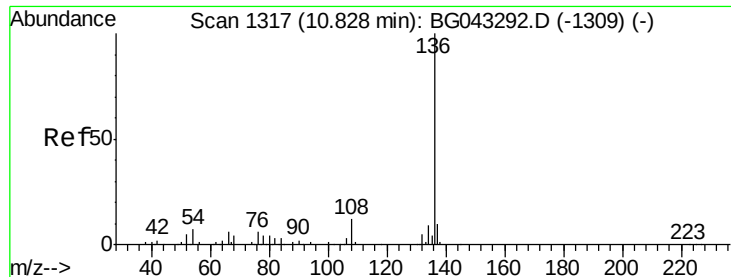
65 32.3 11.4 51.4

66 53.5 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

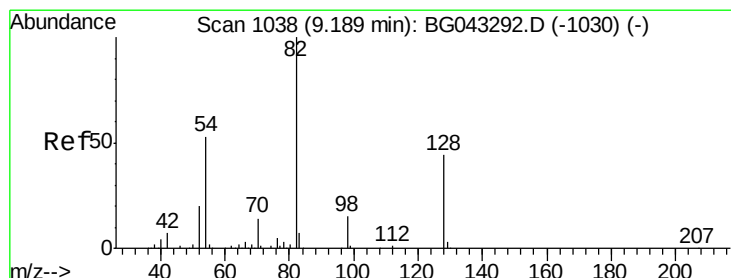
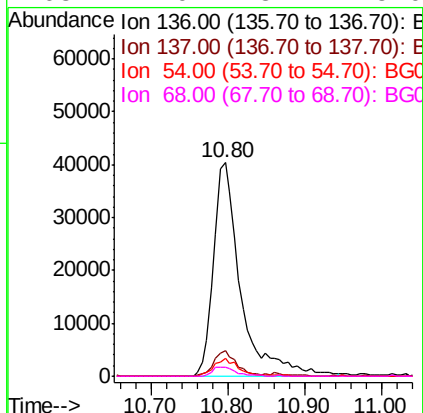
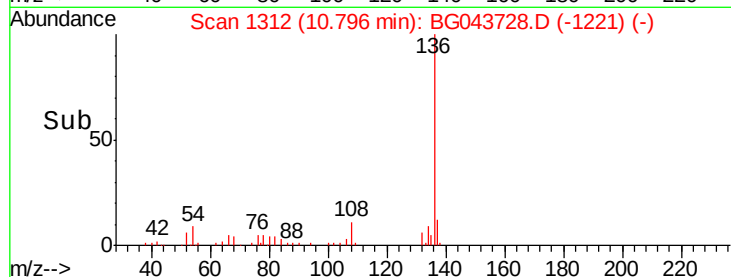
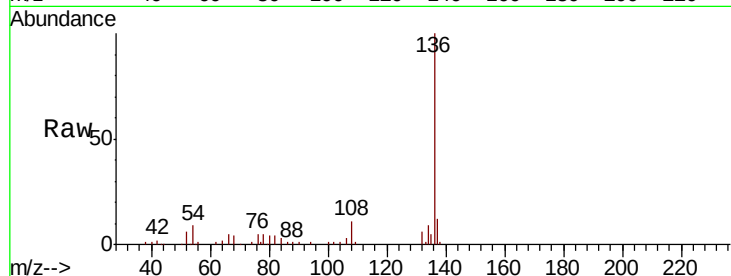




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043728.D
Acq: 20 Nov 2019 15:15

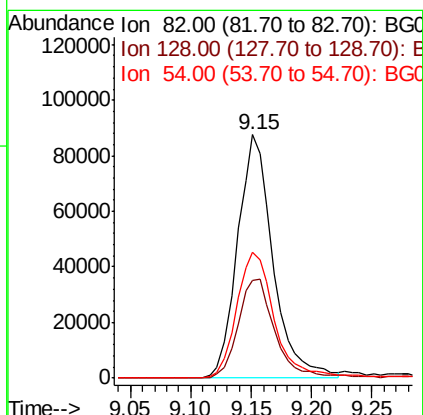
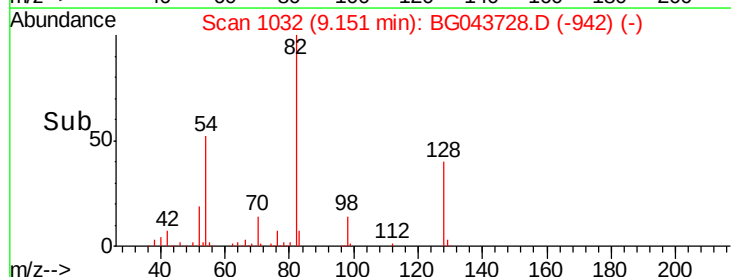
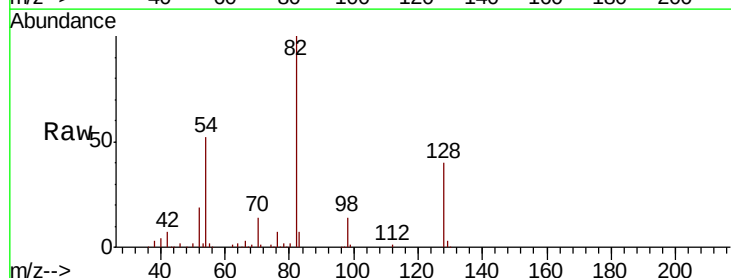
Instrument :
BNA_G
ClientSampleId :
1-(14-16)

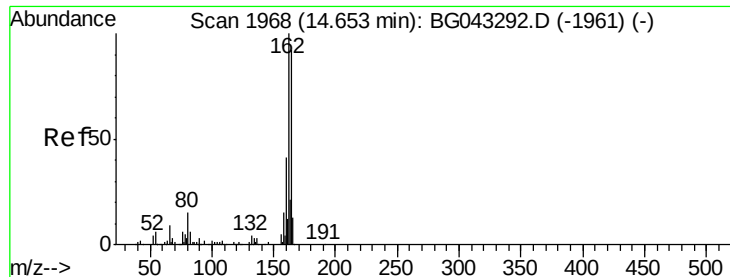
Tot Ion:136	Resp:	98432
Ion	Ratio	Lower Upper
136	100	
137	11.9	8.8 13.2
54	8.6	6.2 9.2
68	4.0	3.4 5.0



#23
Nitrobenzene-d5
Concen: 93.936 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043728.D
Acq: 20 Nov 2019 15:15

Tgt Ion: 82	Resp:	179350
Ion	Ratio	Lower Upper
82	100	
128	40.2	34.2 51.4
54	51.9	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: BG043728.D

Acq: 20 Nov 2019 15:15

Instrument :

BNA_G

ClientSampleId :

1-(14-16)

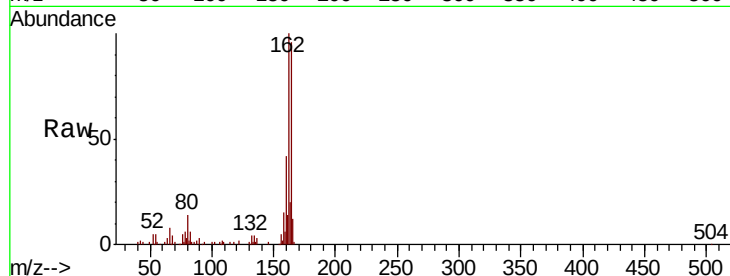
Tot Ion:164 Resp: 73015

Ion Ratio Lower Upper

164 100

162 104.6 79.4 119.2

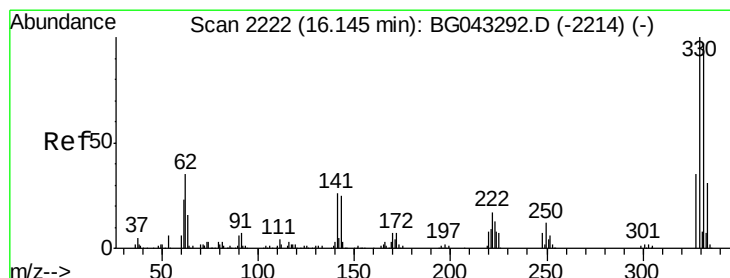
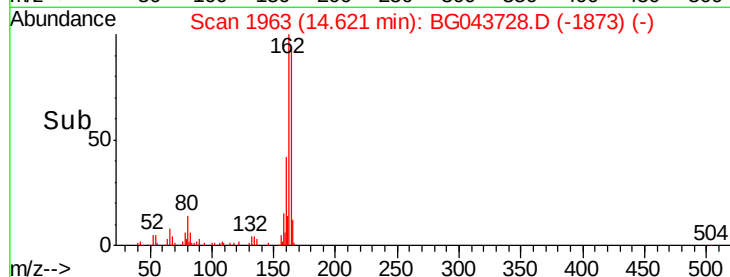
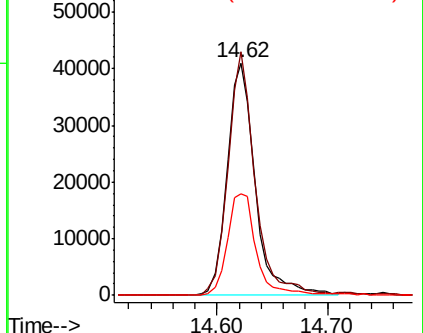
160 43.4 36.3 54.5



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: 131.953 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG043728.D

Acq: 20 Nov 2019 15:15

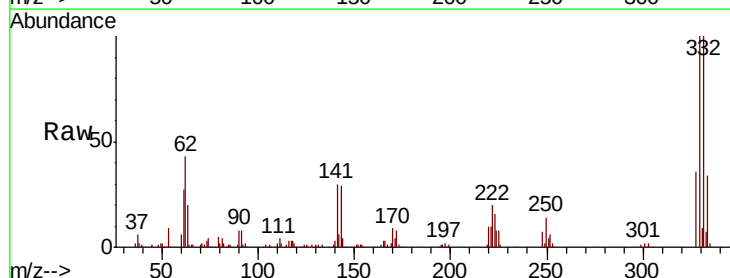
Tgt Ion:330 Resp: 183346

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

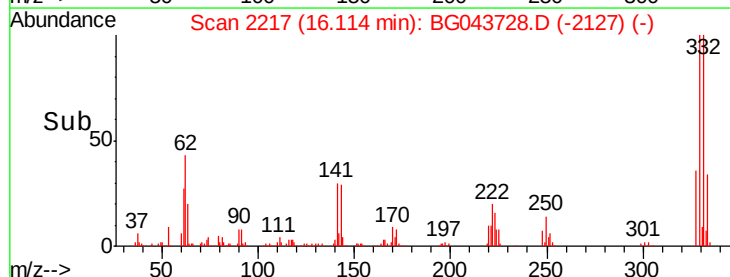
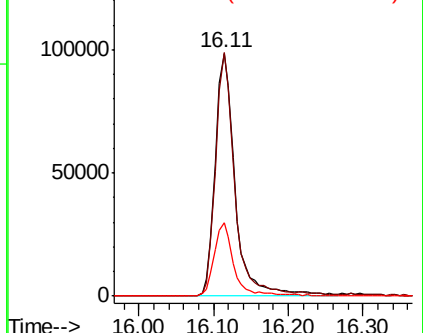
141 29.2 23.4 35.2

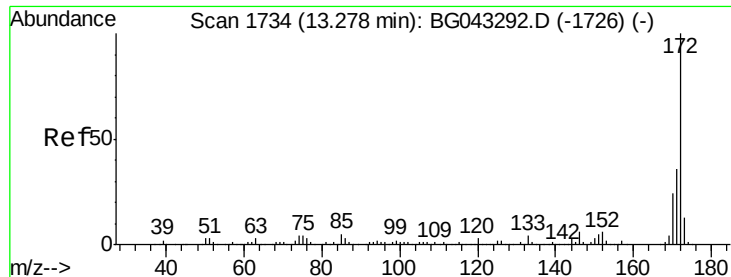


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

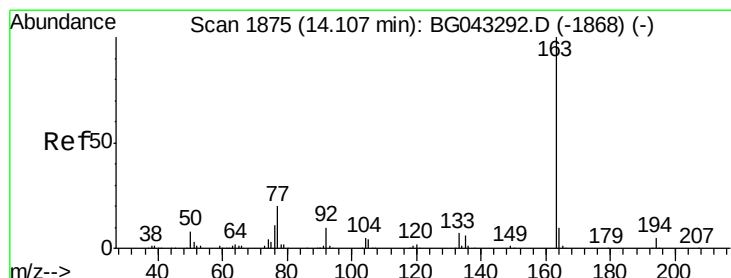
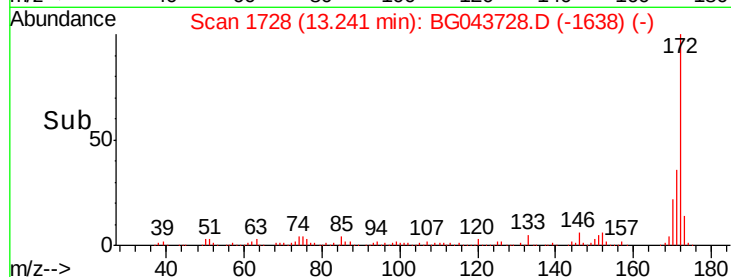
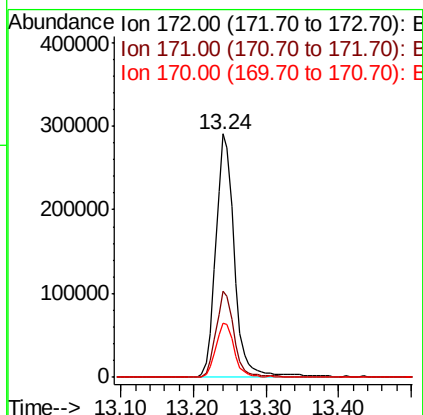
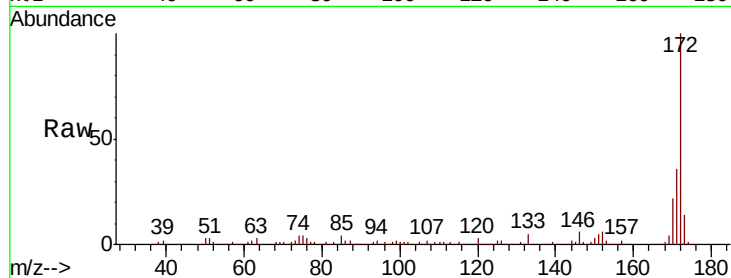




#45
2-Fluorobiphenyl
Concen: 98.249 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043728.D
Acq: 20 Nov 2019 15:15

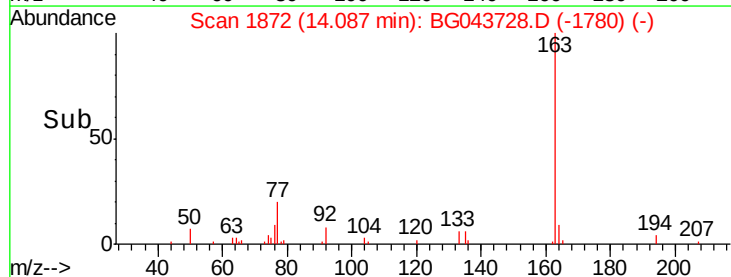
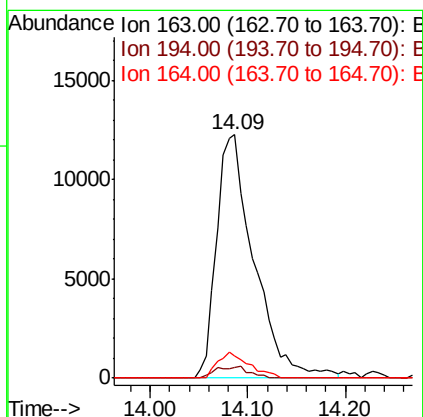
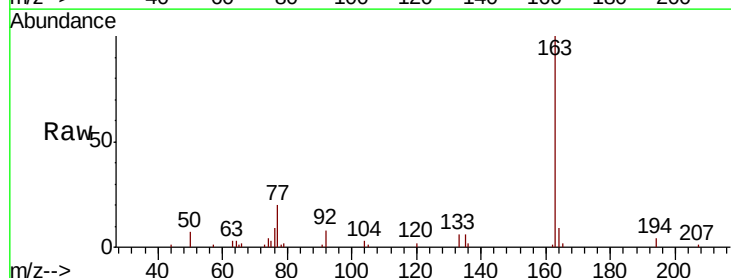
Instrument :
BNA_G
ClientSampleId :
1-(14-16)

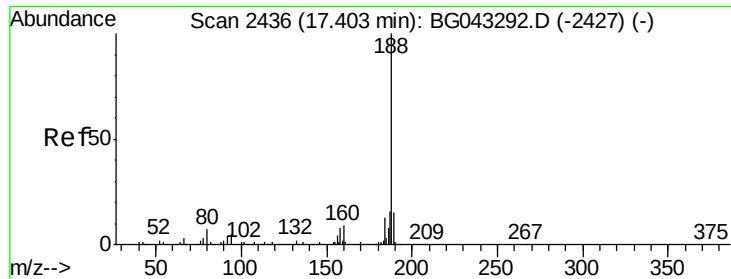
Tot Ion:172 Resp: 519151
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 22.3 18.8 28.2



#50
Dimethylphthalate
Concen: 5.779 ng
RT: 14.09 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BG043728.D
Acq: 20 Nov 2019 15:15

Tgt Ion:163 Resp: 32682
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.8
164 8.9 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: BG043728.D

Acq: 20 Nov 2019 15:15

Instrument :

BNA_G

ClientSampleId :

1-(14-16)

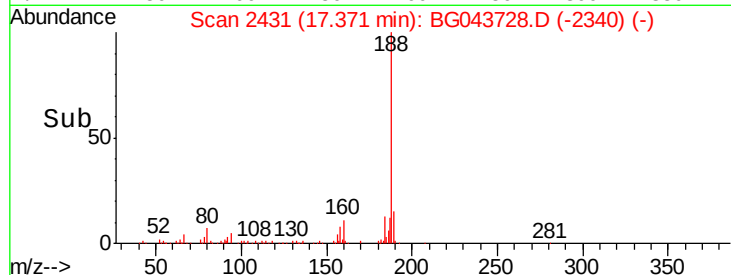
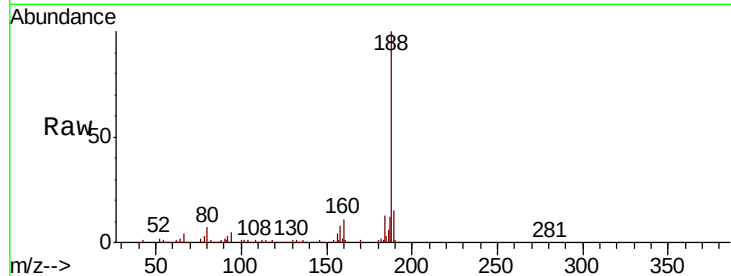
Tot Ion:188 Resp: 180626

Ion Ratio Lower Upper

188 100

94 5.0 4.6 7.0

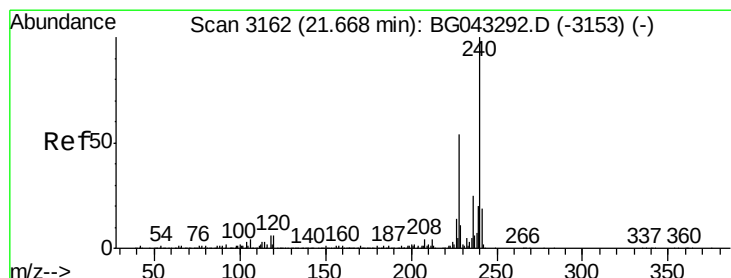
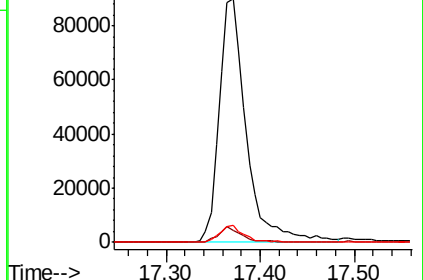
80 6.9 5.2 7.8



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: BG043728.D

Acq: 20 Nov 2019 15:15

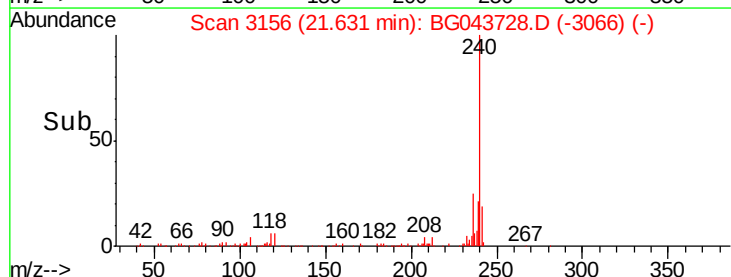
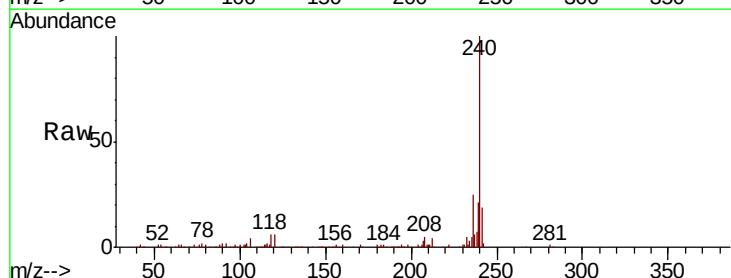
Tgt Ion:240 Resp: 195237

Ion Ratio Lower Upper

240 100

120 6.0 4.9 7.3

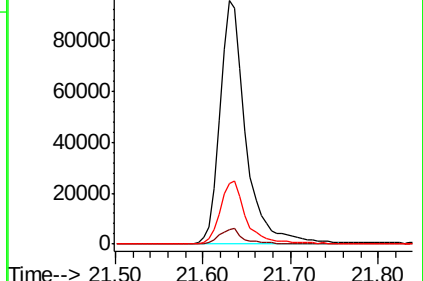
236 24.9 21.4 32.0

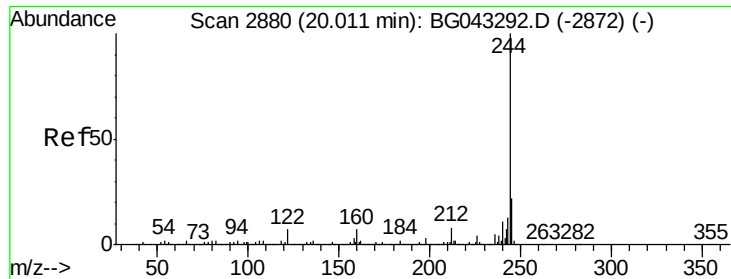


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



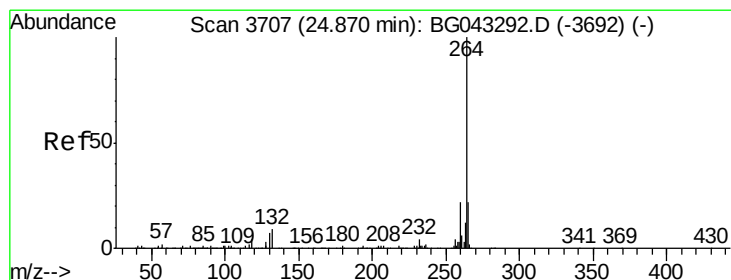
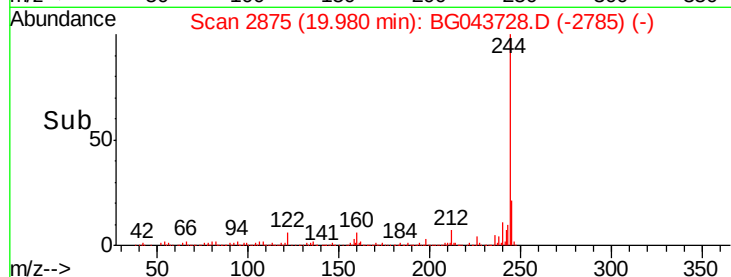
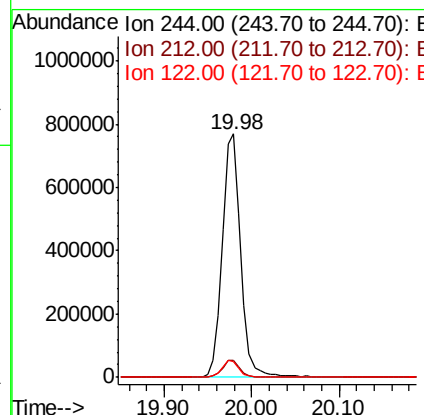
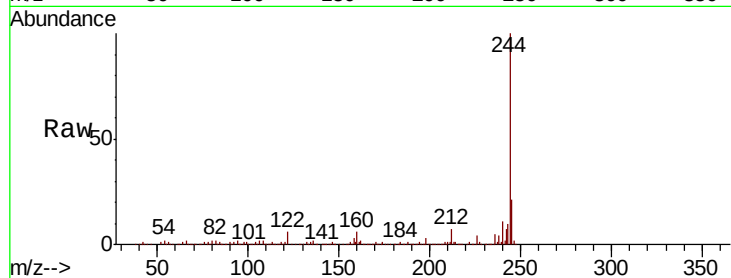


#79
 Terphenyl-d14
 Concen: 107.519 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG043728.D
 Acq: 20 Nov 2019 15:15

Instrument :
 BNA_G
 ClientSampleId :
 1-(14-16)

Tot Ion:244 Resp: 1118926

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	6.5	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: BG043728.D
 Acq: 20 Nov 2019 15:15

Tgt Ion:264 Resp: 225333

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.4	27.6
265	21.8	15.8	23.8

