

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043702.D
 Acq On : 19 Nov 2019 17:37
 Operator : JU
 Sample : K5865-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-(14-16)

Quant Time: Nov 20 02:57:29 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

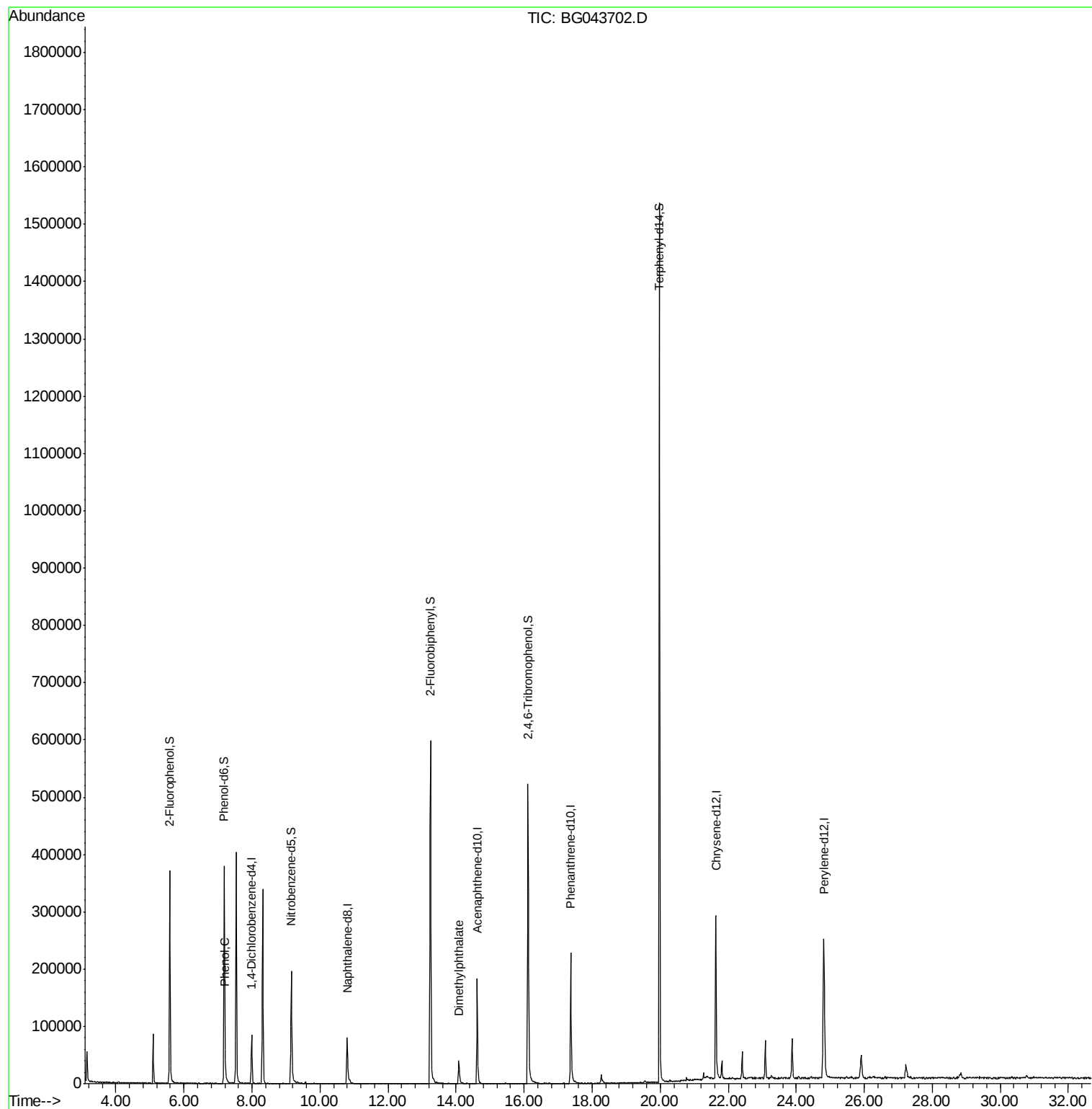
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	25728	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	97792	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	74691	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	187798	20.00	ng	0.00
76) Chrysene-d12	21.64	240	217422	20.00	ng	0.00
87) Perylene-d12	24.81	264	248376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	176529	125.73	ng	0.00
7) Phenol-d6	7.18	99	235229	116.45	ng	0.00
23) Nitrobenzene-d5	9.16	82	149128	78.62	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	140937	99.16	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	396963	73.44	ng	0.00
79) Terphenyl-d14	19.98	244	839691	72.45	ng	0.00
Target Compounds						
10) Phenol	7.21	94	8720	4.724	ng	84
50) Dimethylphthalate	14.08	163	45007	7.779	ng	97

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

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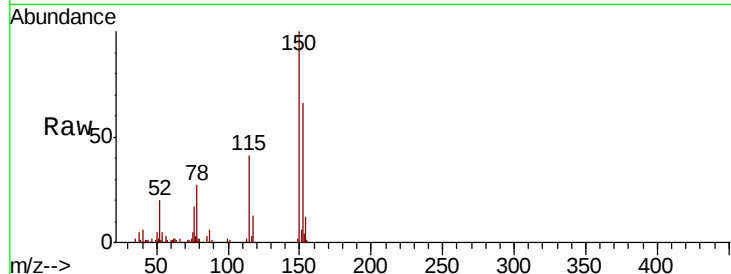


#1

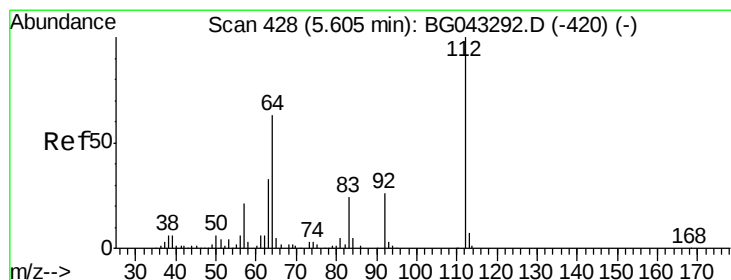
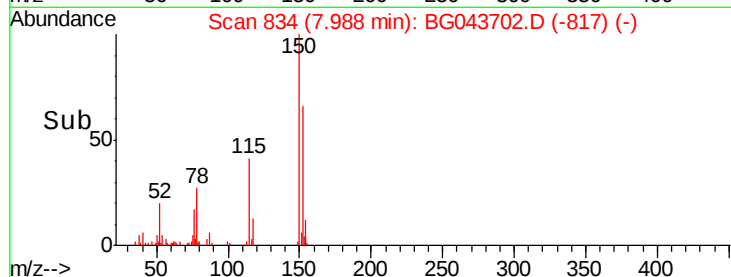
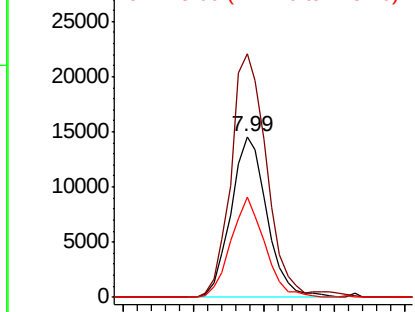
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Instrument :
BNA_G
ClientSampleId :
2-(14-16)

Tot Ion:152 Resp: 25728
Ion Ratio Lower Upper
152 100
150 151.7 116.6 175.0
115 62.8 40.5 60.7#



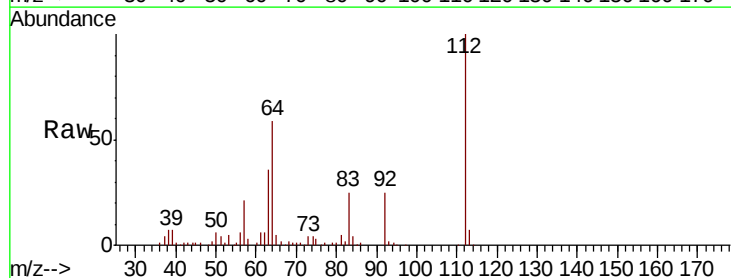
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



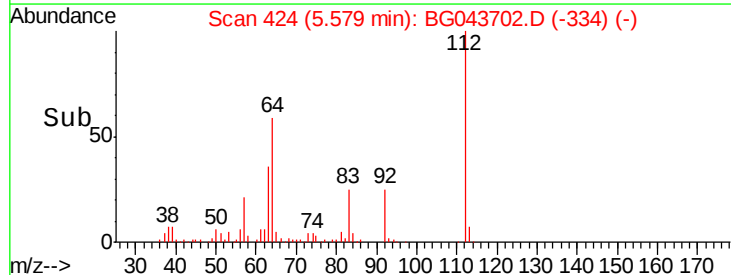
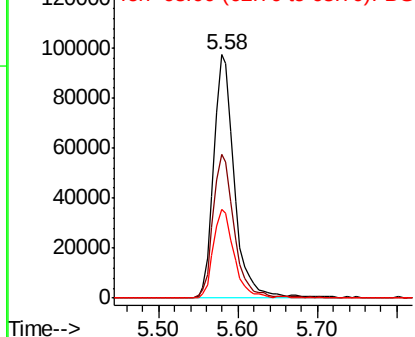
#5

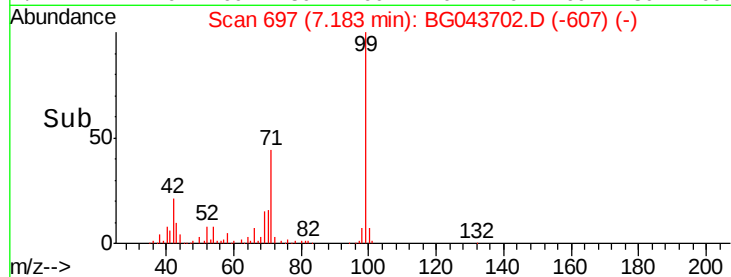
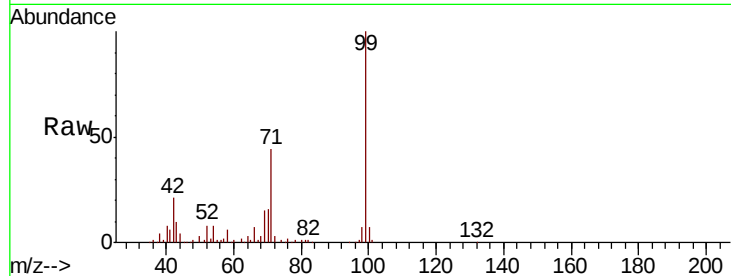
2-Fluorophenol
Concen: 125.731 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion:112 Resp: 176529
Ion Ratio Lower Upper
112 100
64 59.3 50.6 75.8
63 36.3 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: 116.447 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043702.D

Acq: 19 Nov 2019 17:37

Instrument :

BNA_G

ClientSampleId :

2-(14-16)

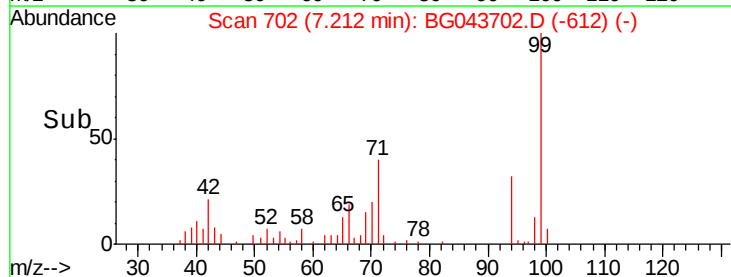
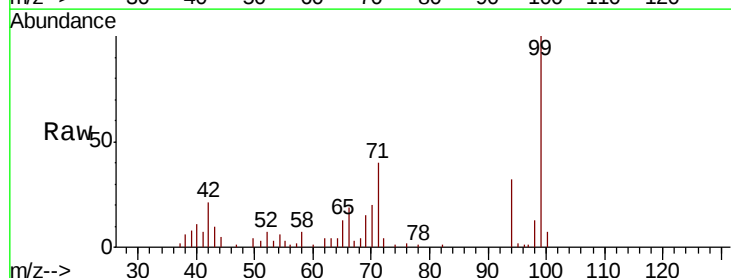
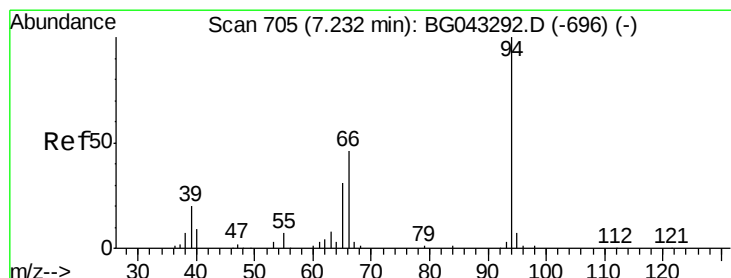
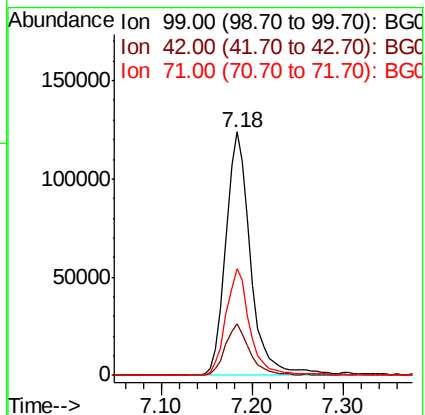
Tot Ion: 99 Resp: 235229

Ion Ratio Lower Upper

99 100

42 21.0 15.8 23.8

71 44.0 34.4 51.6



#10

Phenol

Concen: 4.724 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043702.D

Acq: 19 Nov 2019 17:37

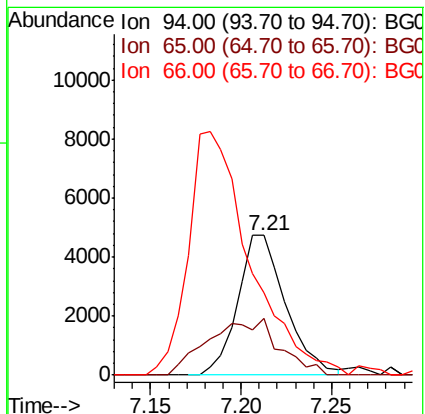
Tgt Ion: 94 Resp: 8720

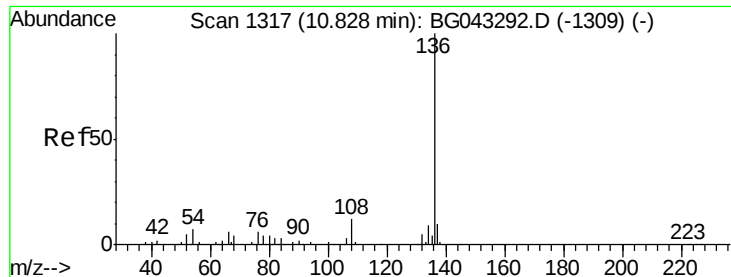
Ion Ratio Lower Upper

94 100

65 40.7 11.4 51.4

66 59.0 28.4 68.4

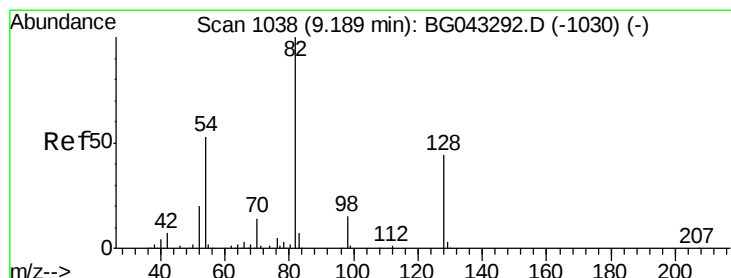
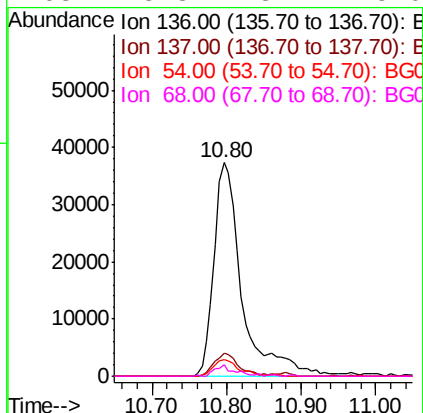
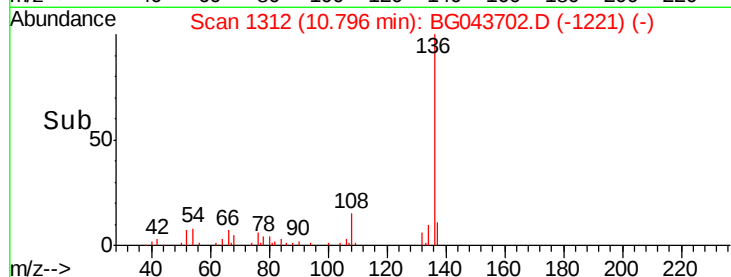
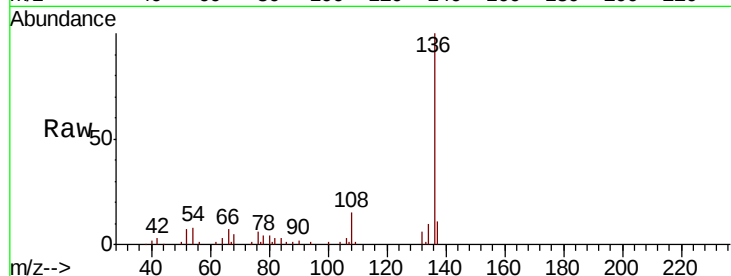




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

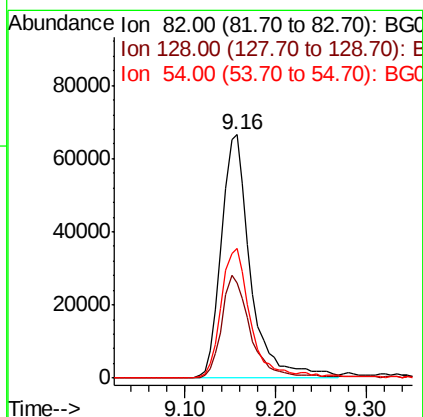
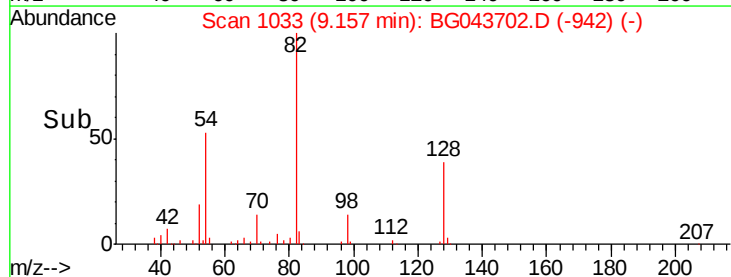
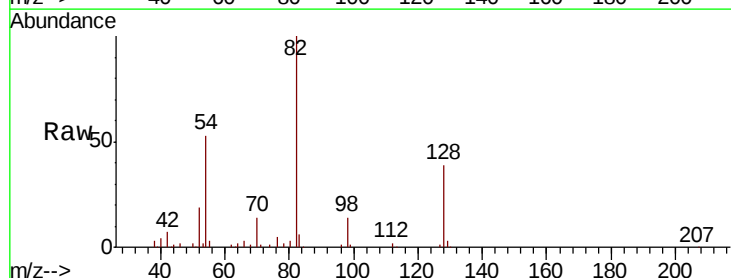
Instrument :
BNA_G
ClientSampleId :
2-(14-16)

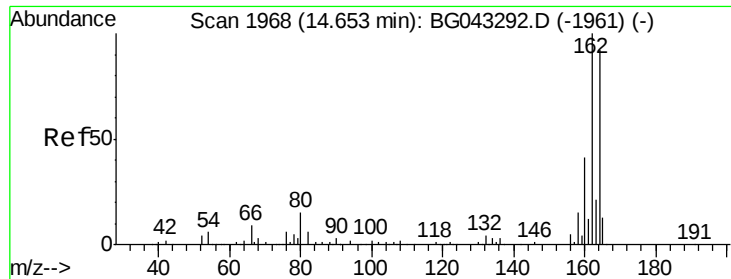
Tot Ion:136	Resp:	97792
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	8.1	6.2 9.2
68	5.3	3.4 5.0#



#23
Nitrobenzene-d5
Concen: 78.618 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion: 82	Resp:	149128
Ion	Ratio	Lower Upper
82	100	
128	39.1	34.2 51.4
54	53.0	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: BG043702.D

Acq: 19 Nov 2019 17:37

Instrument :

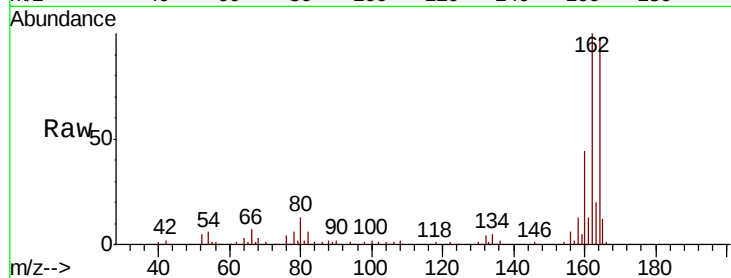
BNA_G

ClientSampleId :

2-(14-16)

Tot Ion:164 Resp: 74691

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.4	119.2
160	44.7	36.3	54.5

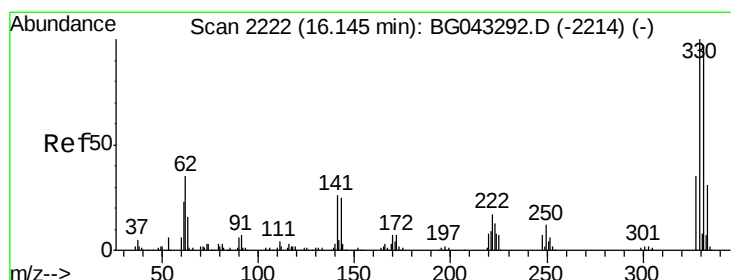
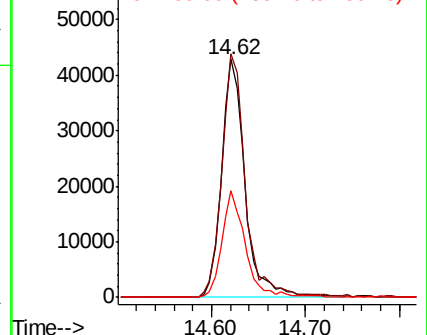
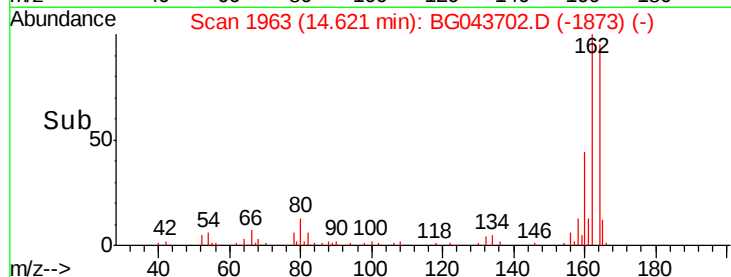


Abundance

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: 99.156 ng

RT: 16.11 min Scan# 2217

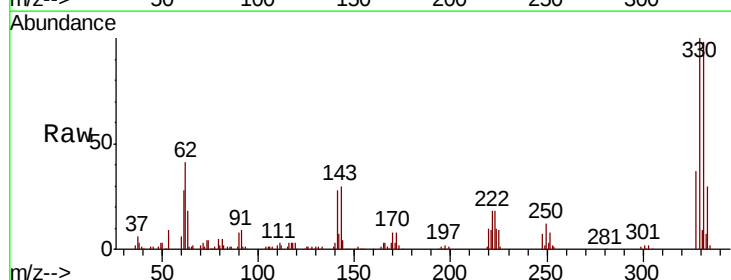
Delta R.T. -0.00 min

Lab File: BG043702.D

Acq: 19 Nov 2019 17:37

Tgt Ion:330 Resp: 140937

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	28.0	23.4	35.2

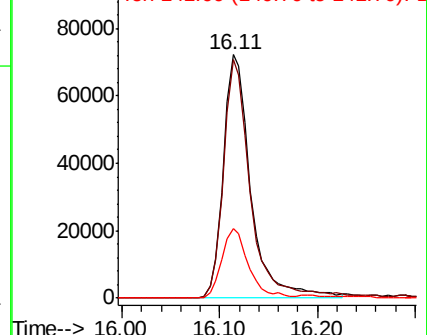
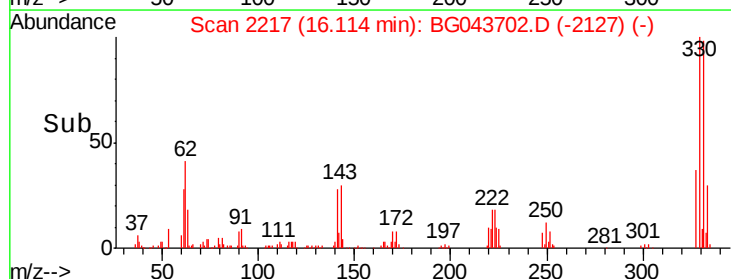


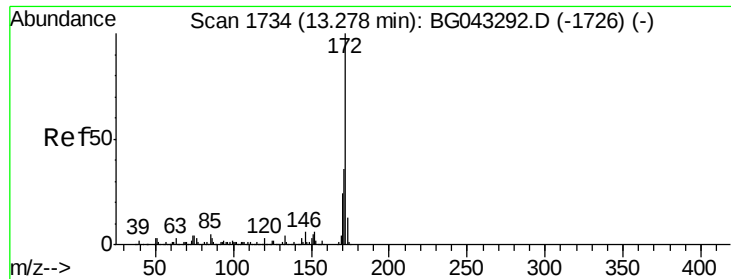
Abundance

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

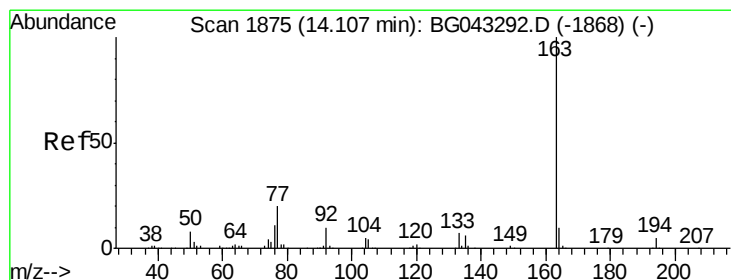
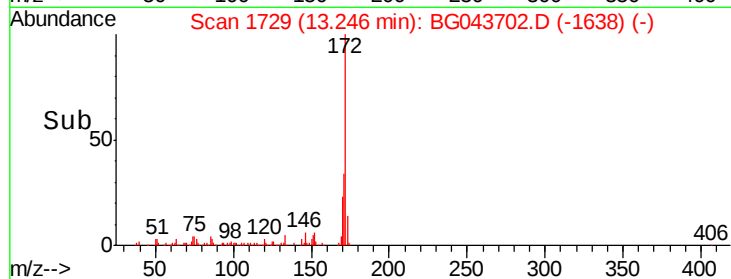
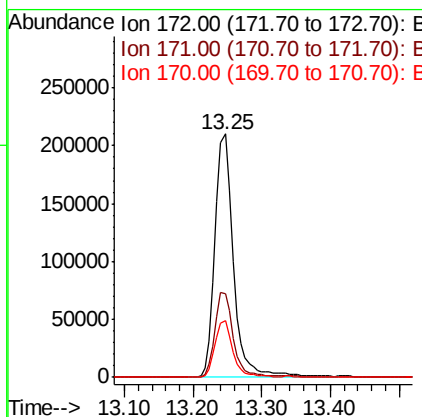
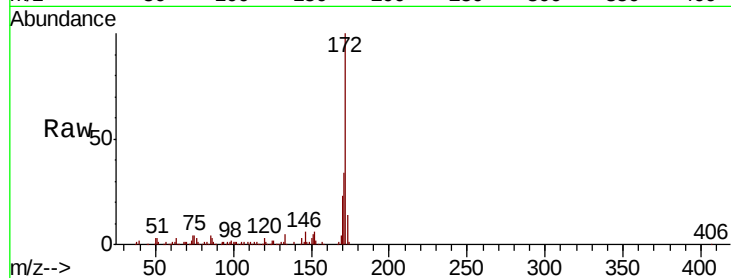




#45
 2-Fluorobiphenyl
 Concen: 73.439 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG043702.D
 Acq: 19 Nov 2019 17:37

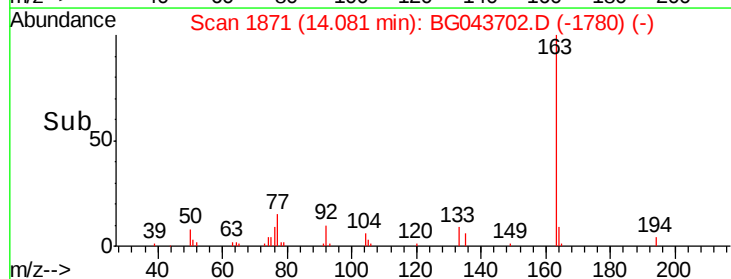
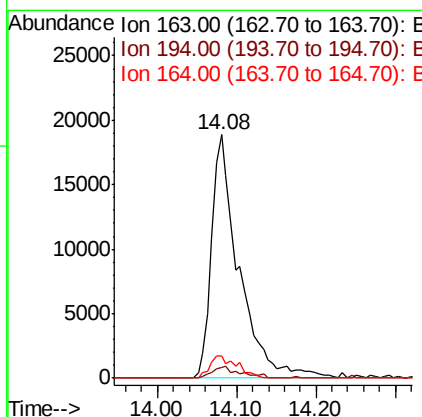
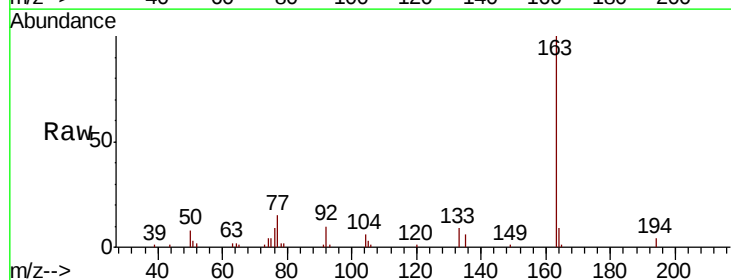
Instrument :
 BNA_G
 ClientSampleId :
 2-(14-16)

Tot Ion:172 Resp: 396963
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.1 42.1
 170 23.3 18.8 28.2



#50
 Dimethylphthalate
 Concen: 7.779 ng
 RT: 14.08 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BG043702.D
 Acq: 19 Nov 2019 17:37

Tgt Ion:163 Resp: 45007
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.8 5.8
 164 9.1 8.5 12.7

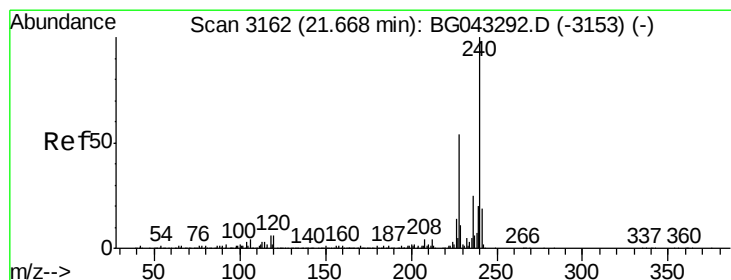
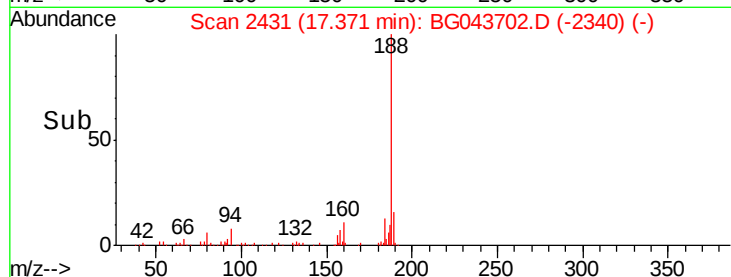
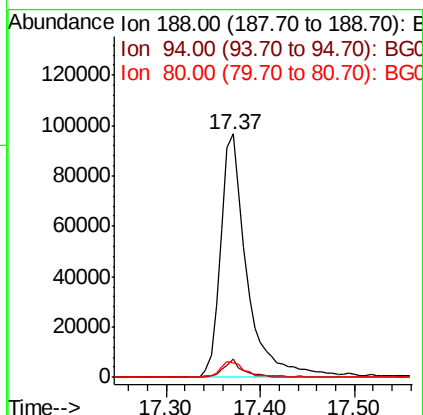
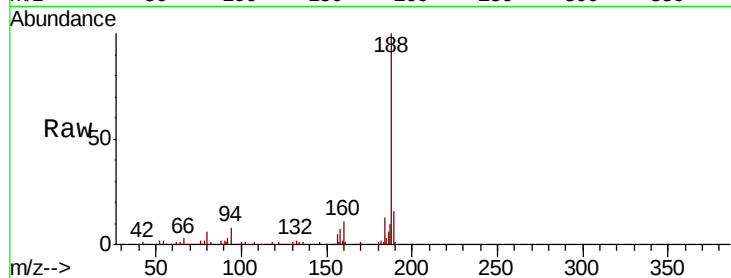




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

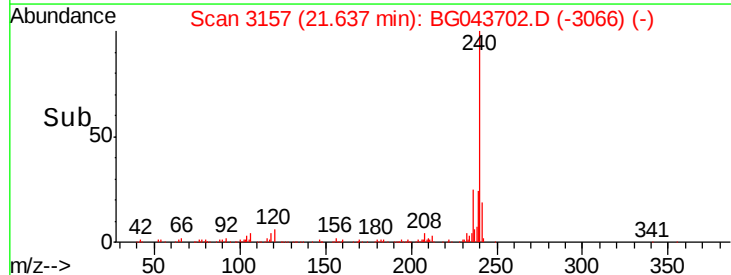
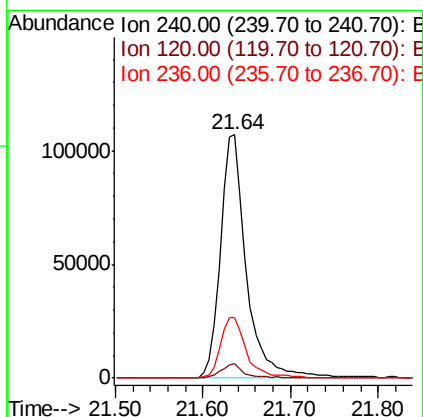
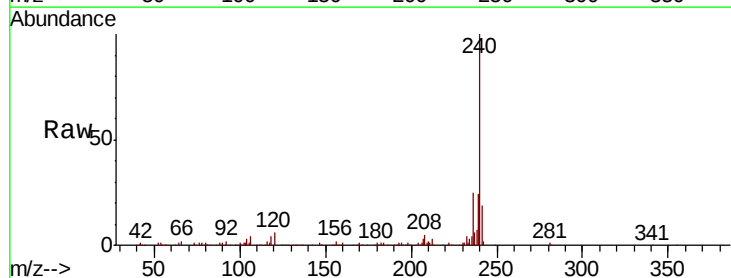
Instrument :
BNA_G
ClientSampleId :
2-(14-16)

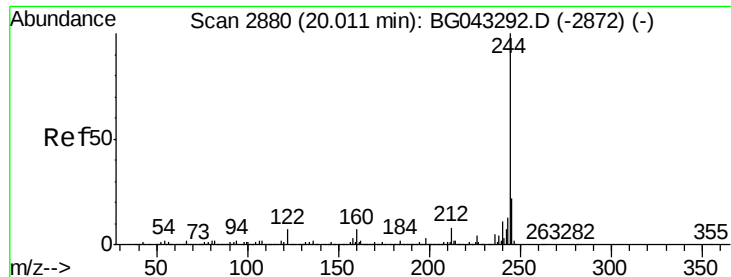
Tot Ion:188 Resp: 187798
Ion Ratio Lower Upper
188 100
94 7.5 4.6 7.0#
80 6.2 5.2 7.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion:240 Resp: 217422
Ion Ratio Lower Upper
240 100
120 5.8 4.9 7.3
236 24.9 21.4 32.0





#79

Terphenyl-d14

Concen: 72.454 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043702.D

Acq: 19 Nov 2019 17:37

Instrument :

BNA_G

ClientSampleId :

2-(14-16)

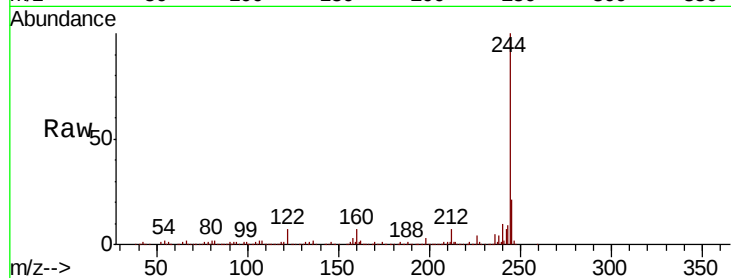
Tot Ion:244 Resp: 839691

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

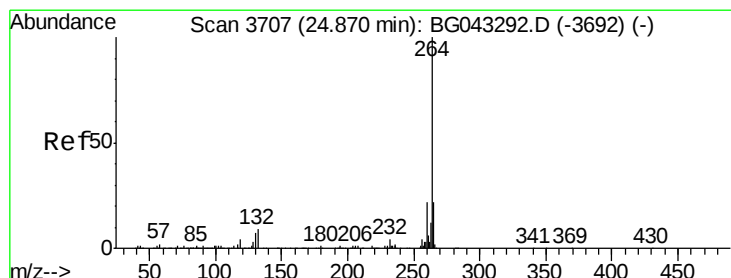
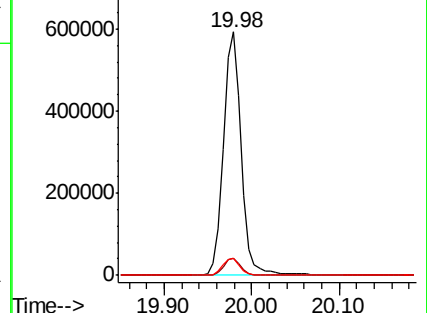
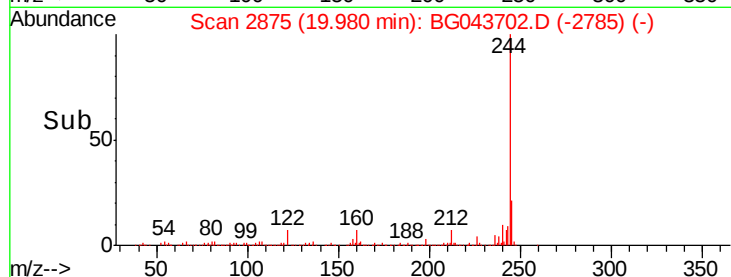
122 6.8 5.2 7.8



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: 24.81 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG043702.D

Acq: 19 Nov 2019 17:37

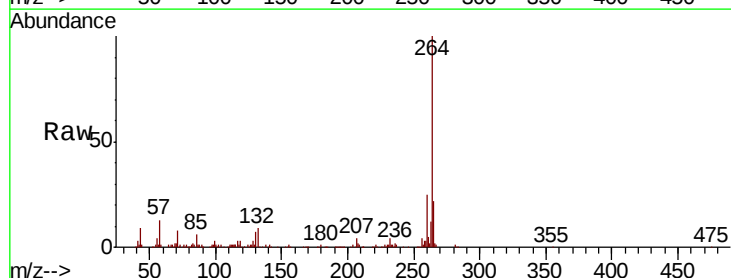
Tgt Ion:264 Resp: 248376

Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 22.3 15.8 23.8



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

