

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038206.D
 Acq On : 28 Nov 2018 19:13
 Operator : JU/SJ
 Sample : J6079-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 J-2

Quant Time: Nov 29 04:31:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

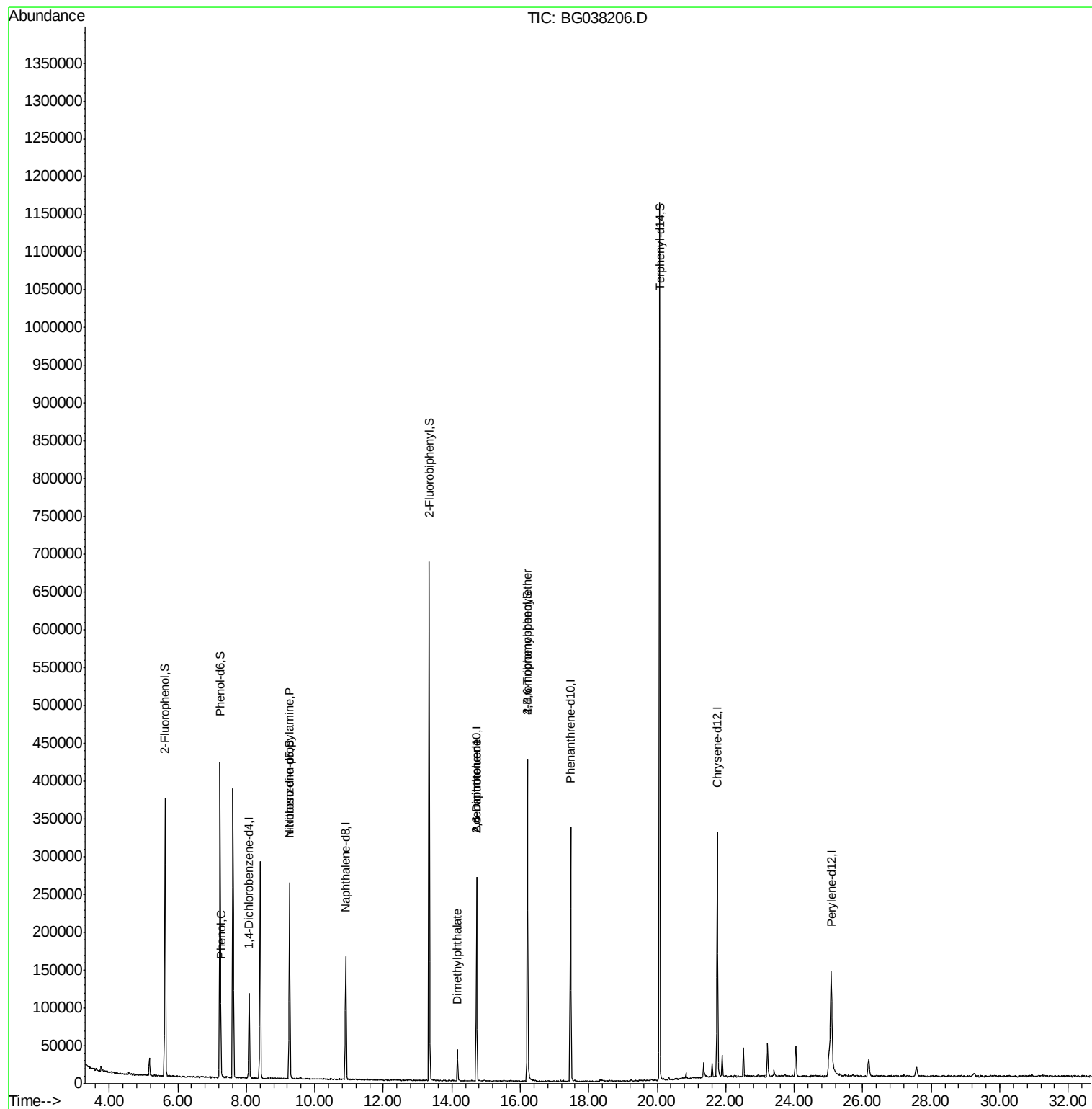
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	32995	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	149621	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	95100	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	218186	20.00	ng	0.00
76) Chrysene-d12	21.75	240	210379	20.00	ng	0.00
87) Perylene-d12	25.08	264	201910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	171413	89.70	ng	0.00
7) Phenol-d6	7.23	99	255261	93.58	ng	0.00
23) Nitrobenzene-d5	9.26	82	158873	56.84	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	79638	73.43	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	372589	57.08	ng	0.00
79) Terphenyl-d14	20.07	244	559582	62.59	ng	0.00
Target Compounds						
10) Phenol	7.26	94	12641	4.375	ng	99
19) n-Nitroso-di-n-propylamine	9.26	70	20328	10.299	ng	# 76
50) Dimethylphthalate	14.16	163	33138	4.395	ng	98
51) 2,6-Dinitrotoluene	14.72	165	11649	6.827	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	11649	5.018	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	5951	2.485	ng	# 1

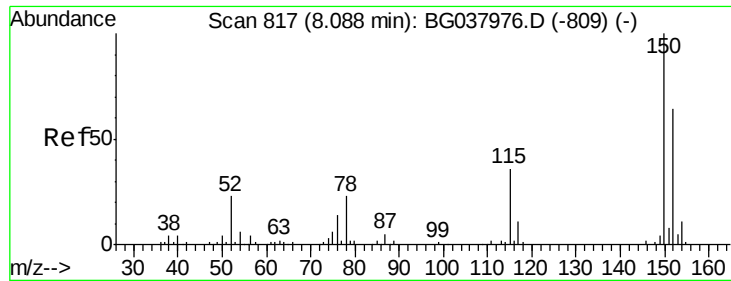
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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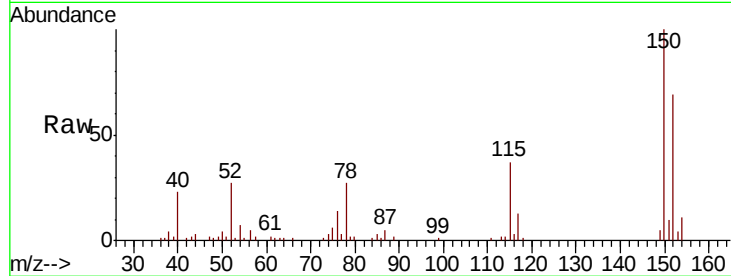


#1

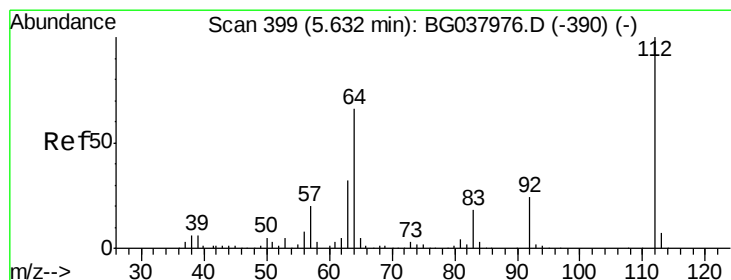
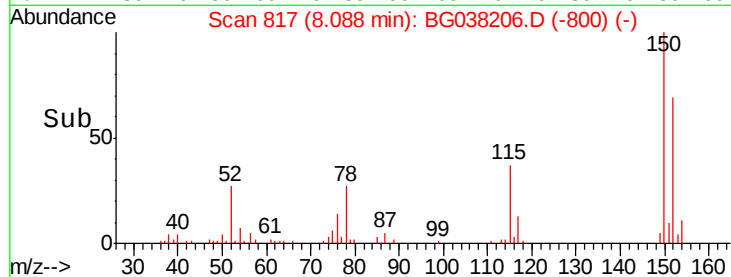
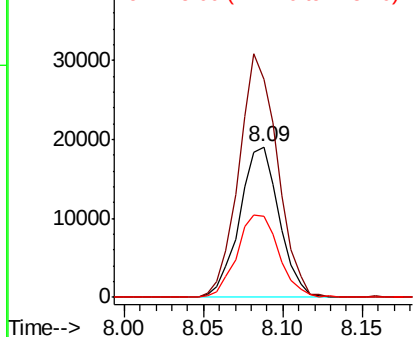
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

Instrument :
BNA_G
ClientSampleId :
J-2

Tgt Ion:152 Resp: 32995
Ion Ratio Lower Upper
152 100
150 145.0 126.0 189.0
115 54.3 45.5 68.3



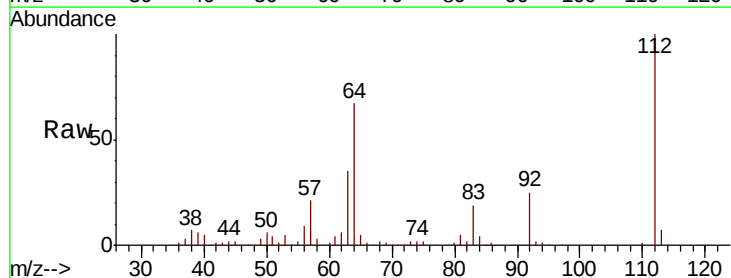
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



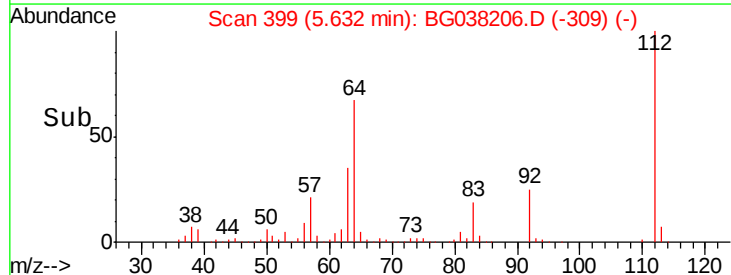
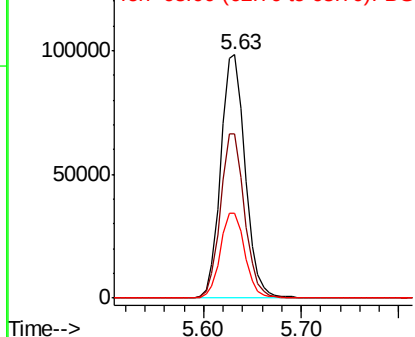
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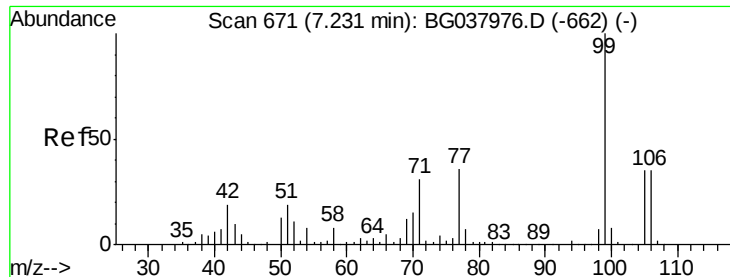
2-Fluorophenol
Concen: 89.697 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

Tgt Ion:112 Resp: 171413
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 34.8 27.3 40.9



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: 93.575 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038206.D

Acq: 28 Nov 2018 19:13

Instrument :

BNA_G

ClientSampleId :

J-2

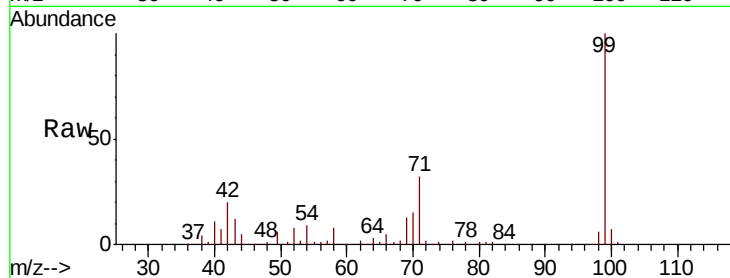
Tgt Ion: 99 Resp: 255261

Ion Ratio Lower Upper

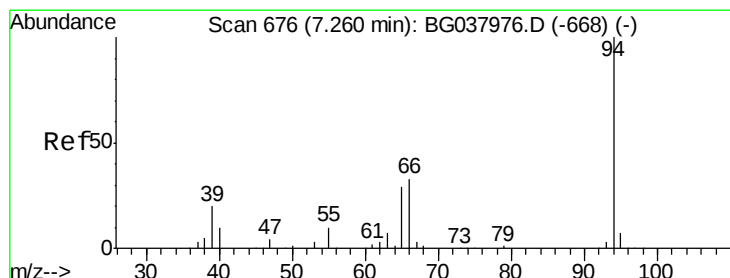
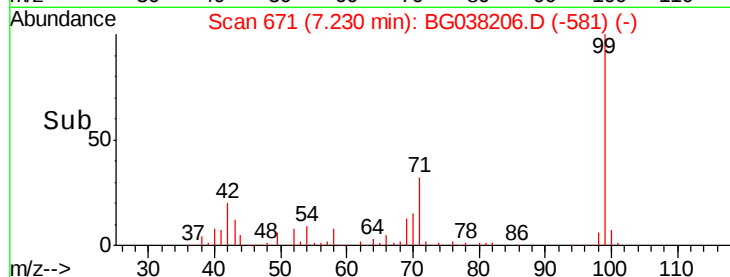
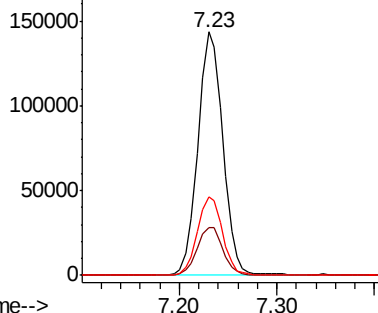
99 100

42 19.8 15.0 22.4

71 32.4 25.5 38.3



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: 4.375 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038206.D

Acq: 28 Nov 2018 19:13

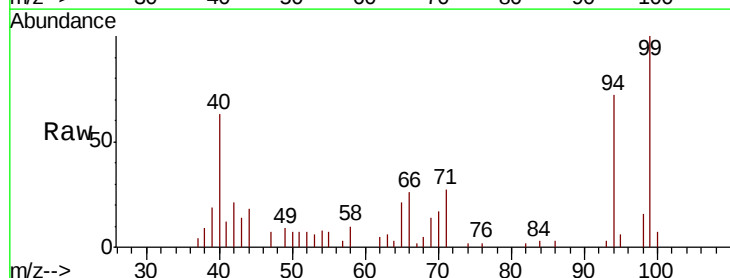
Tgt Ion: 94 Resp: 12641

Ion Ratio Lower Upper

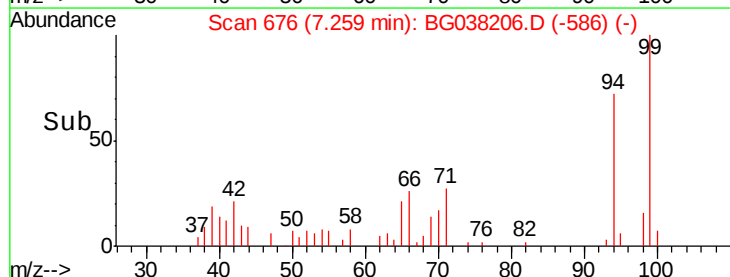
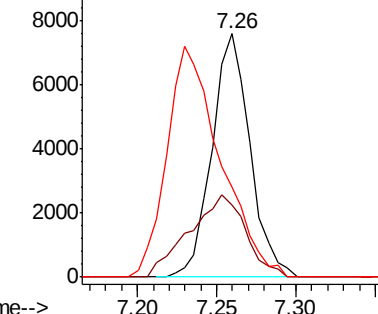
94 100

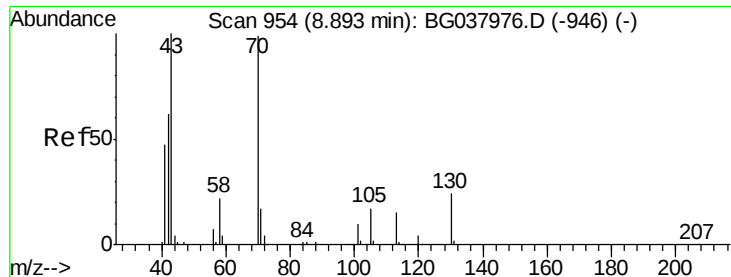
65 29.5 9.7 49.7

66 36.8 15.9 55.9



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

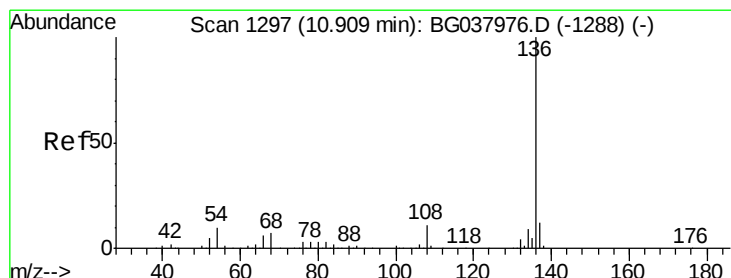
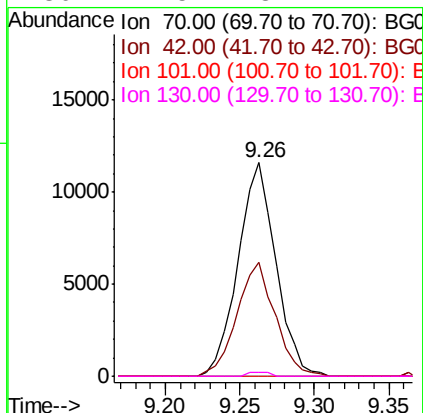
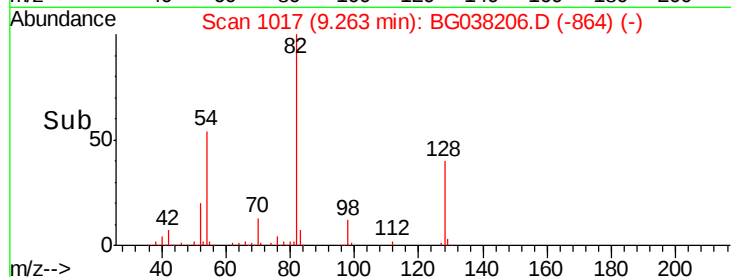
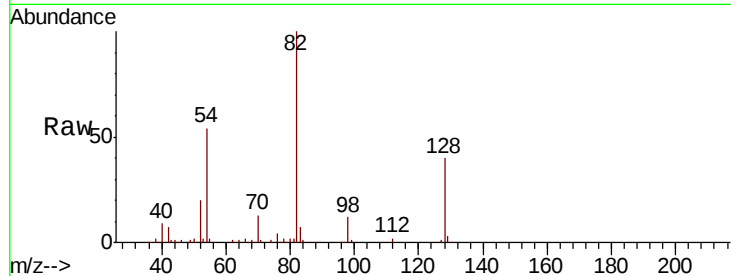




#19
n-Nitroso-di-n-propylamine
Concen: 10.299 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

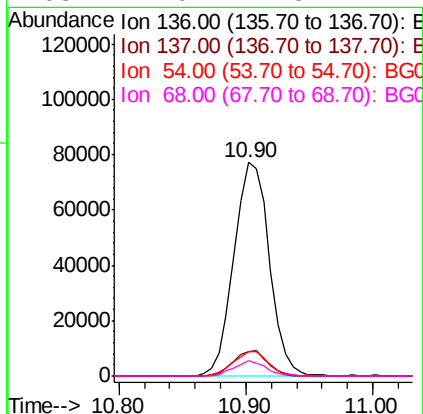
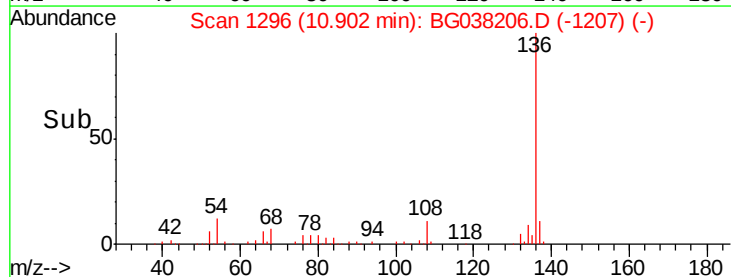
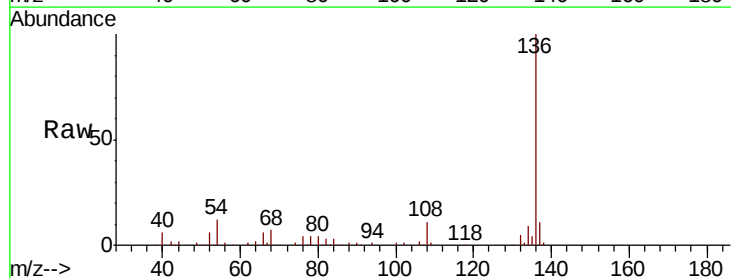
Instrument :
BNA_G
ClientSampleId :
J-2

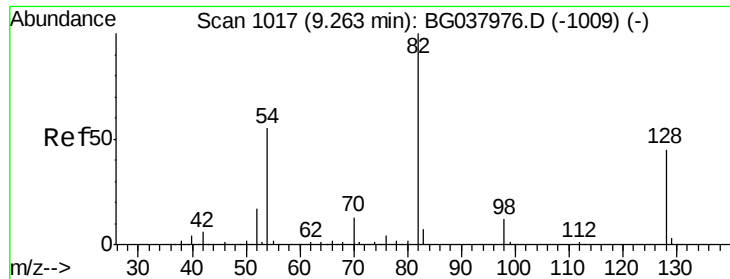
Tgt Ion: 70 Resp: 20328
Ion Ratio Lower Upper
70 100
42 53.5 53.9 80.9#
101 0.0 8.2 12.2#
130 1.5 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

Tgt Ion: 136 Resp: 149621
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 11.7 7.9 11.9
68 7.0 4.8 7.2

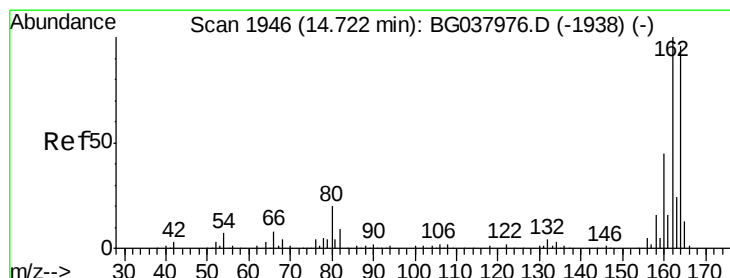
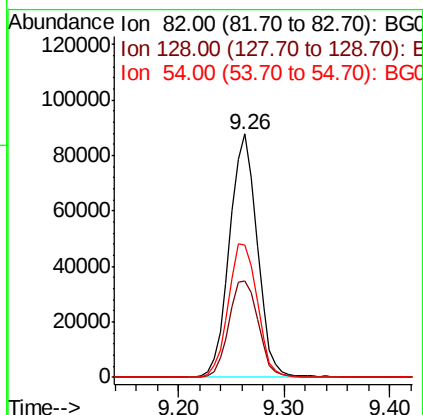
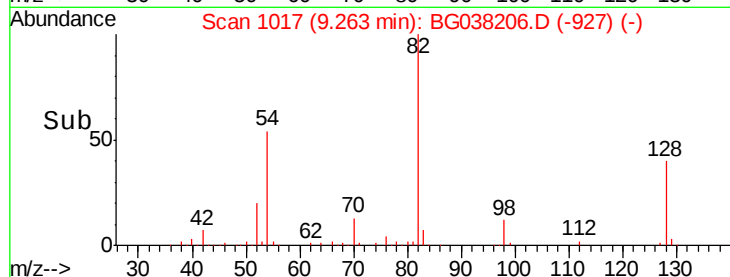
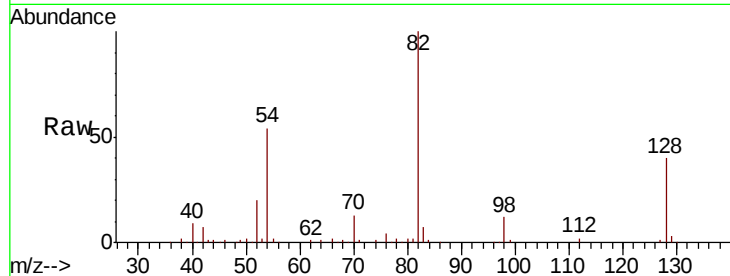




#23
Nitrobenzene-d5
Concen: 56.840 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

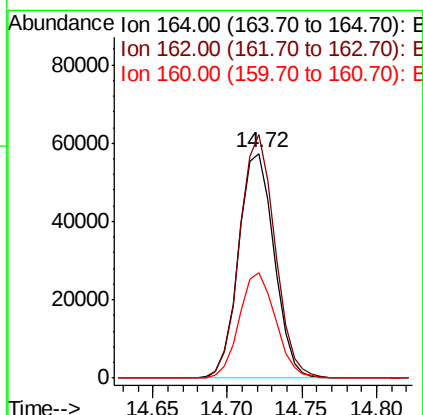
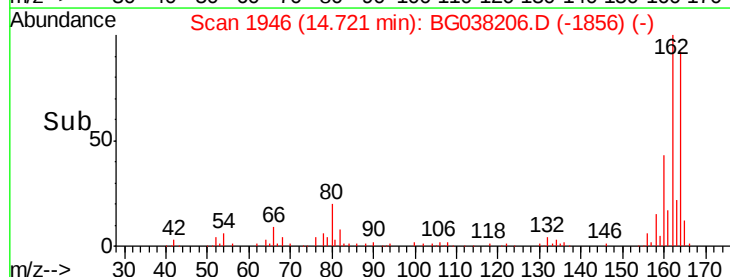
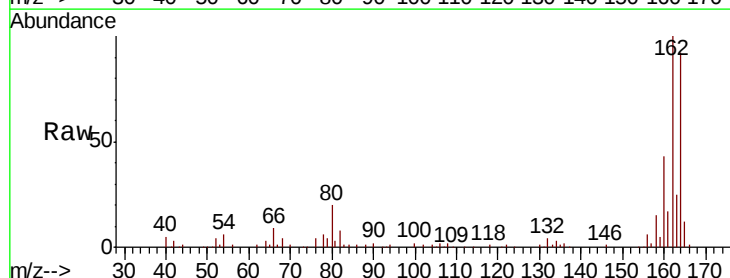
Instrument :
BNA_G
ClientSampled :
J-2

Tgt Ion: 82 Resp: 158873
Ion Ratio Lower Upper
82 100
128 39.7 34.6 51.8
54 54.5 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

Tgt Ion: 164 Resp: 95100
Ion Ratio Lower Upper
164 100
162 108.3 81.3 121.9
160 46.7 36.3 54.5

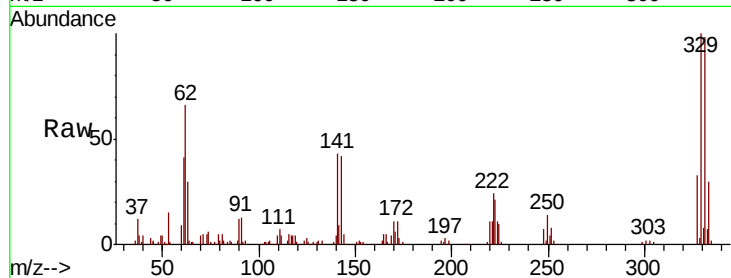




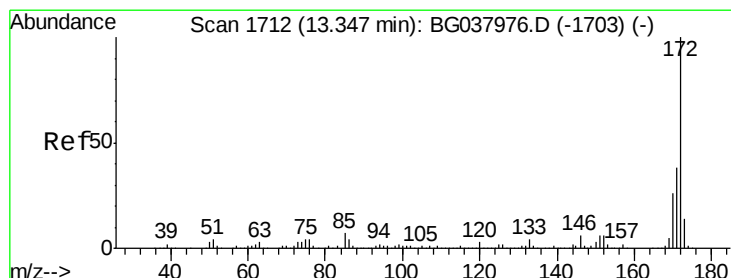
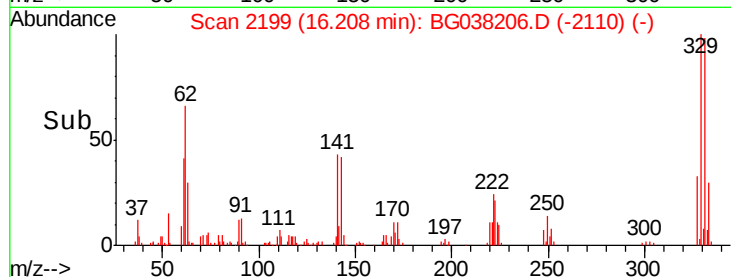
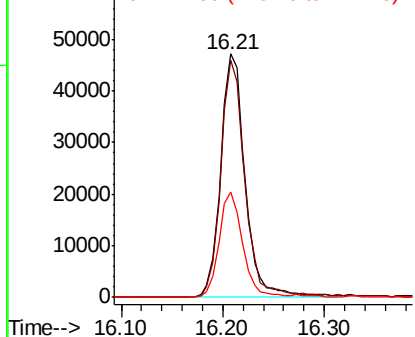
#42
 2,4,6-Tribromophenol
 Concen: 73.427 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038206.D
 Acq: 28 Nov 2018 19:13

Instrument :
 BNA_G
 ClientSampleId :
 J-2

Tgt Ion:330 Resp: 79638
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.4 117.6
 141 41.7 32.2 48.2

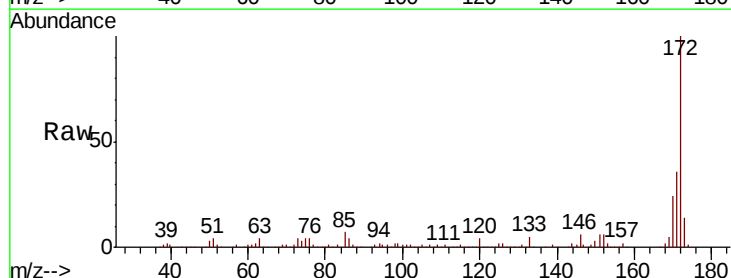


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

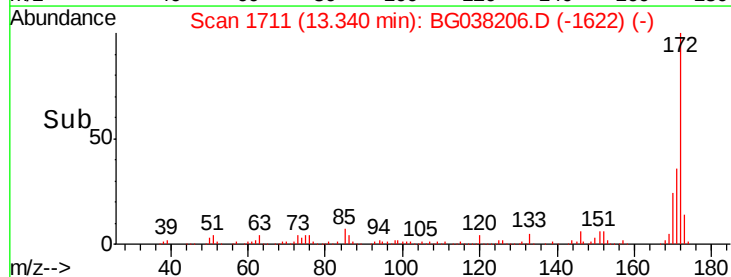
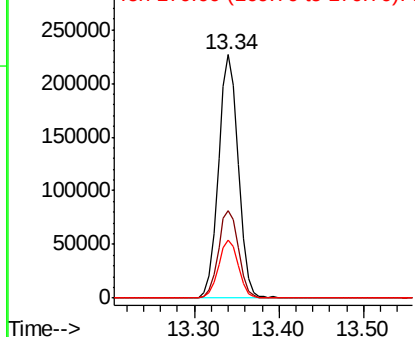


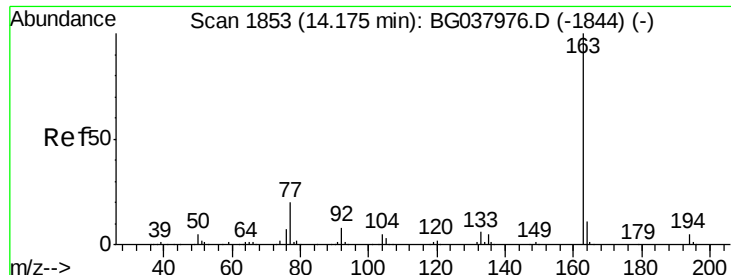
#45
 2-Fluorobiphenyl
 Concen: 57.077 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038206.D
 Acq: 28 Nov 2018 19:13

Tgt Ion:172 Resp: 372589
 Ion Ratio Lower Upper
 172 100
 171 36.0 31.0 46.4
 170 24.0 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.395 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038206.D

Acq: 28 Nov 2018 19:13

Instrument :

BNA_G

ClientSampleId :

J-2

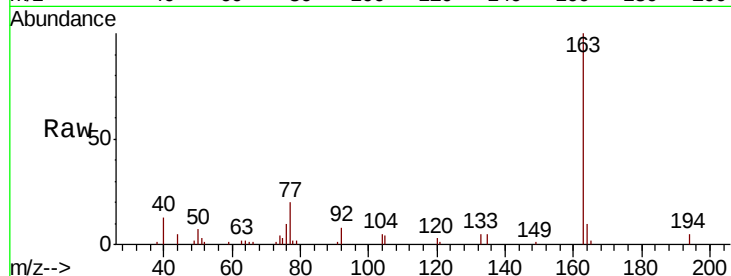
Tgt Ion:163 Resp: 33138

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

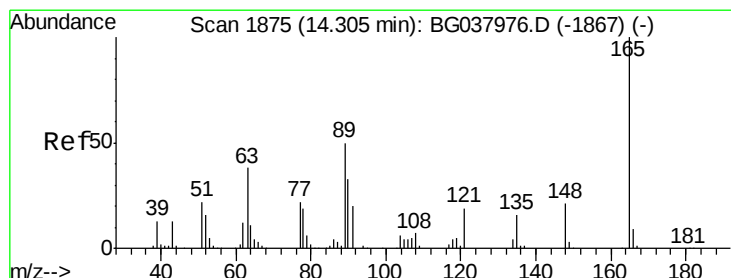
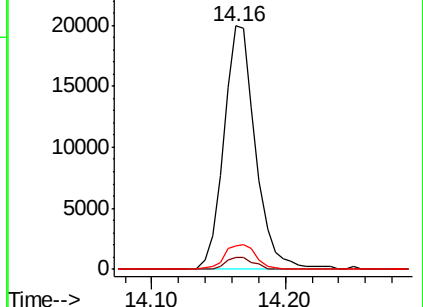
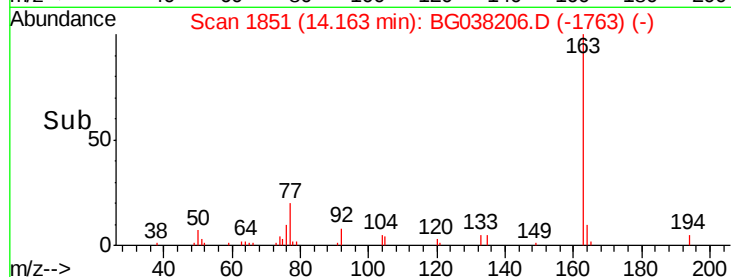
164 9.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 6.827 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.42 min

Lab File: BG038206.D

Acq: 28 Nov 2018 19:13

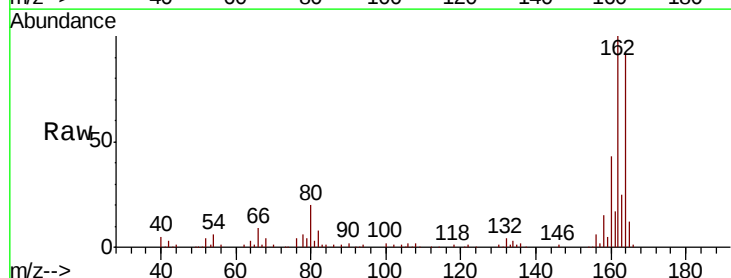
Tgt Ion:165 Resp: 11649

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

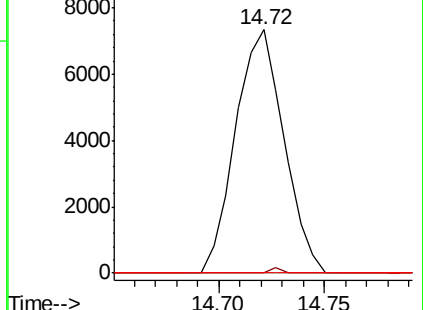
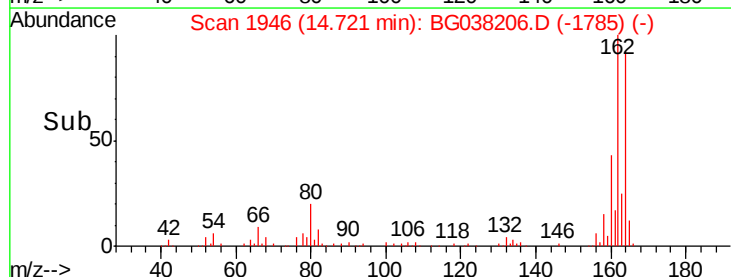
89 0.0 45.8 68.6#

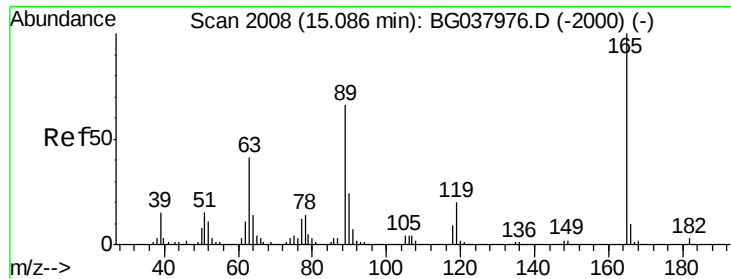


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

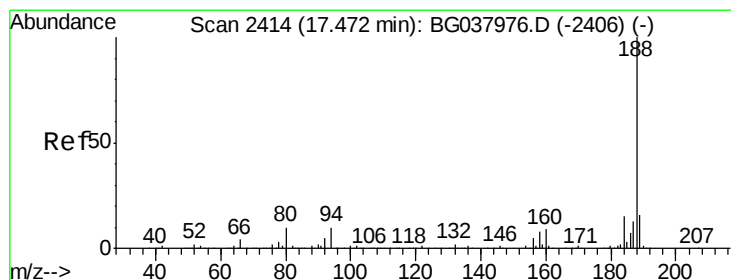
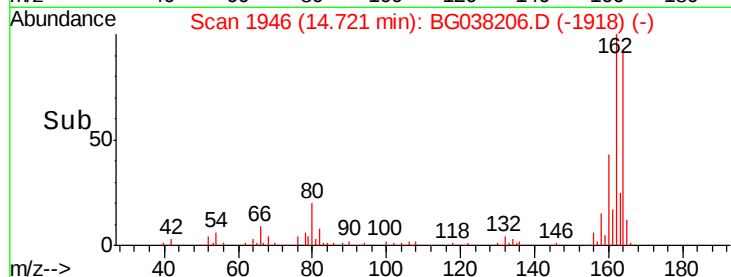
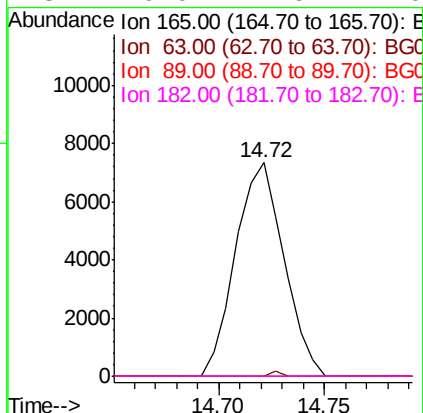
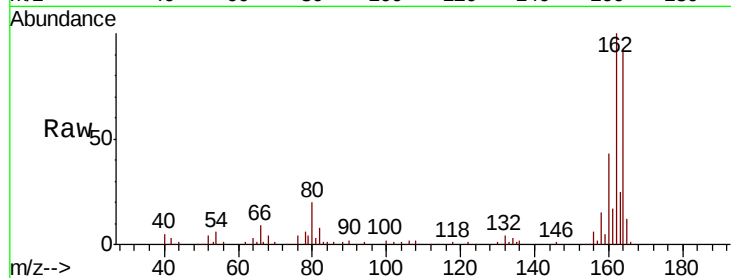




#57
 2,4-Dinitrotoluene
 Concen: 5.018 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038206.D
 Acq: 28 Nov 2018 19:13

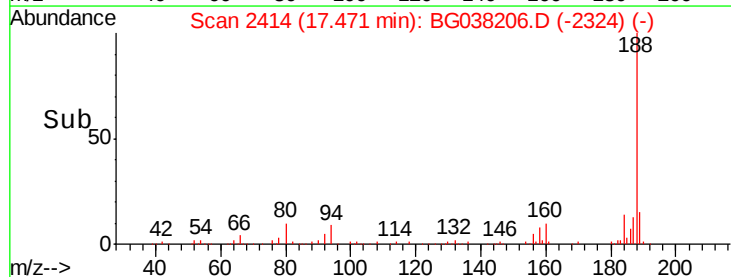
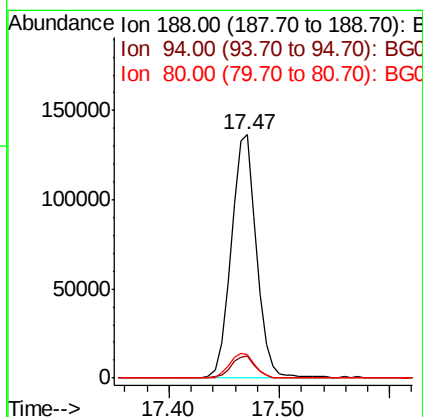
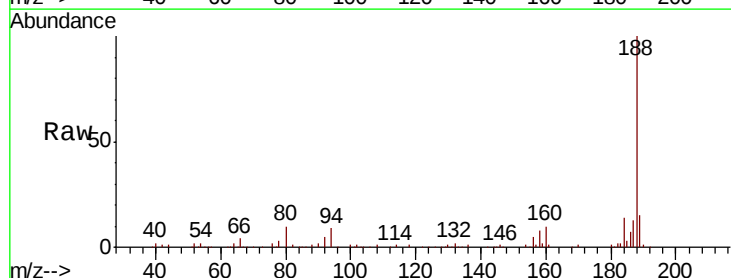
Instrument :
 BNA_G
 ClientSampled :
 J-2

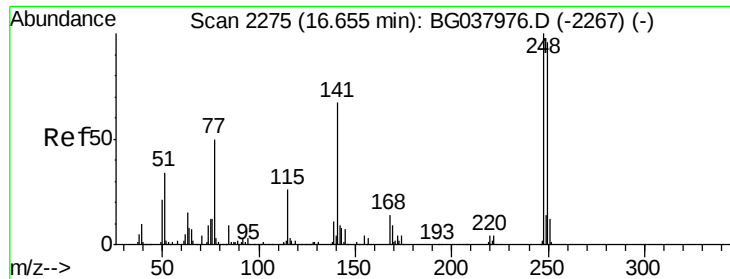
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038206.D
 Acq: 28 Nov 2018 19:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.5	7.7	11.5

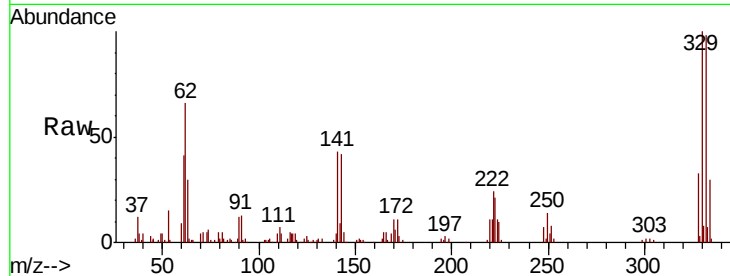




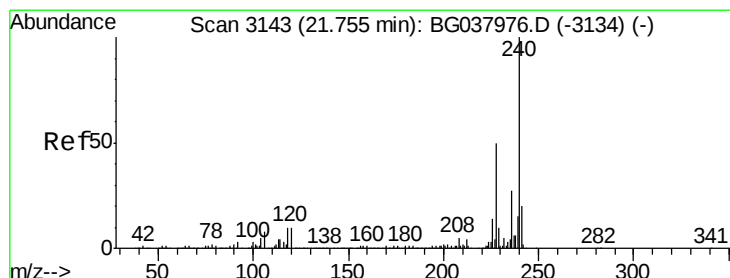
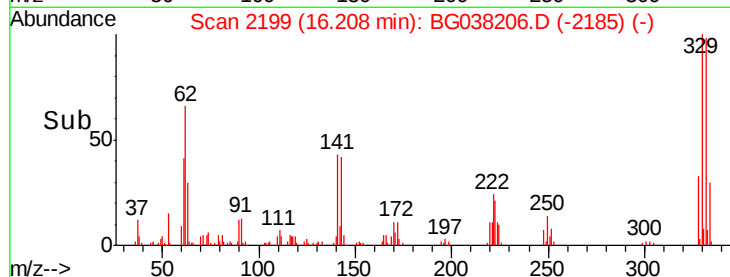
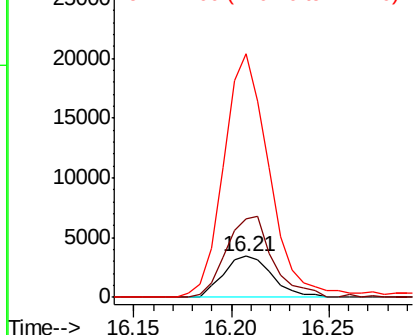
#67
4-Bromophenyl-phenylether
Concen: 2.485 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

Instrument :
BNA_G
ClientSampled :
J-2

Tgt Ion:248 Resp: 5951
Ion Ratio Lower Upper
248 100
250 188.5 77.0 115.6#
141 443.8 55.5 83.3#

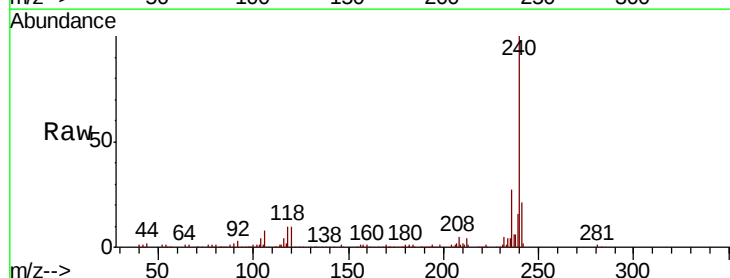


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

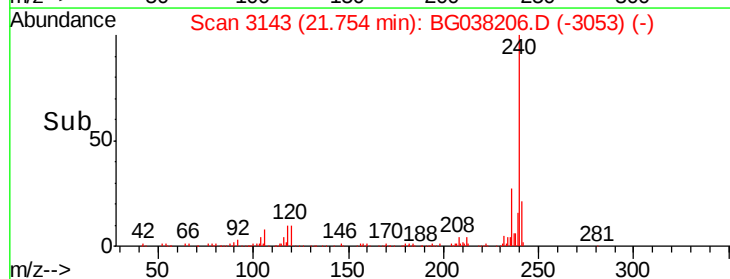
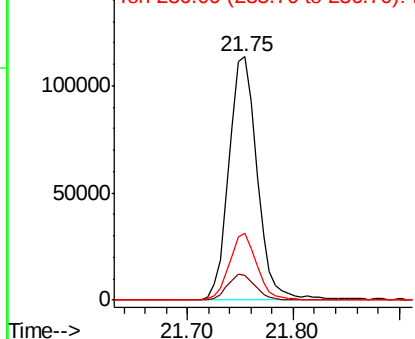


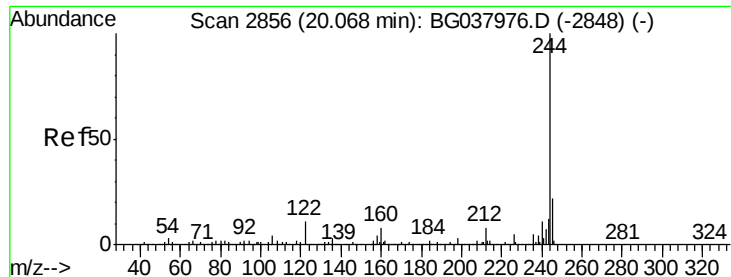
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

Tgt Ion:240 Resp: 210379
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 27.3 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: 62.587 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038206.D

Acq: 28 Nov 2018 19:13

Instrument :

BNA_G

ClientSampled :

J-2

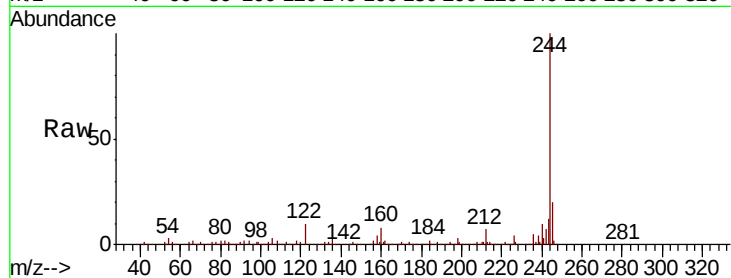
Tgt Ion:244 Resp: 559582

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

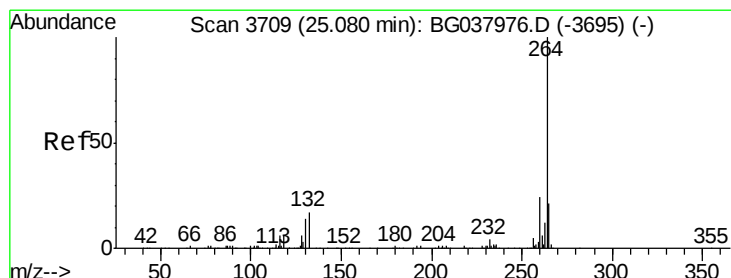
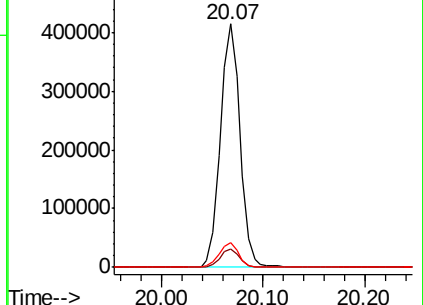
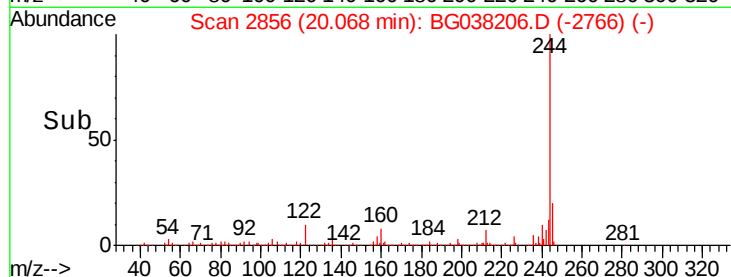
122 10.0 9.0 13.4



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: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038206.D

Acq: 28 Nov 2018 19:13

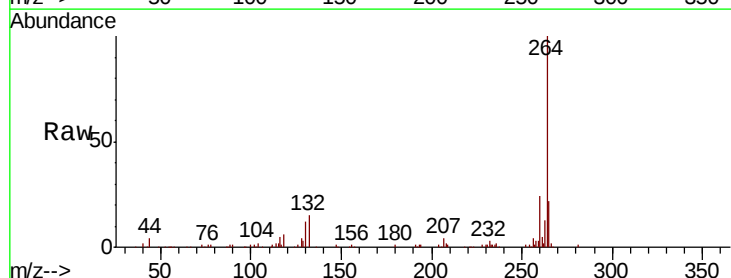
Tgt Ion:264 Resp: 201910

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 21.8 17.9 26.9



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

