

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
 Data File : BG038170.D
 Acq On : 27 Nov 2018 16:59
 Operator : JU/SJ
 Sample : J6047-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-102

Quant Time: Nov 28 04:10:01 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

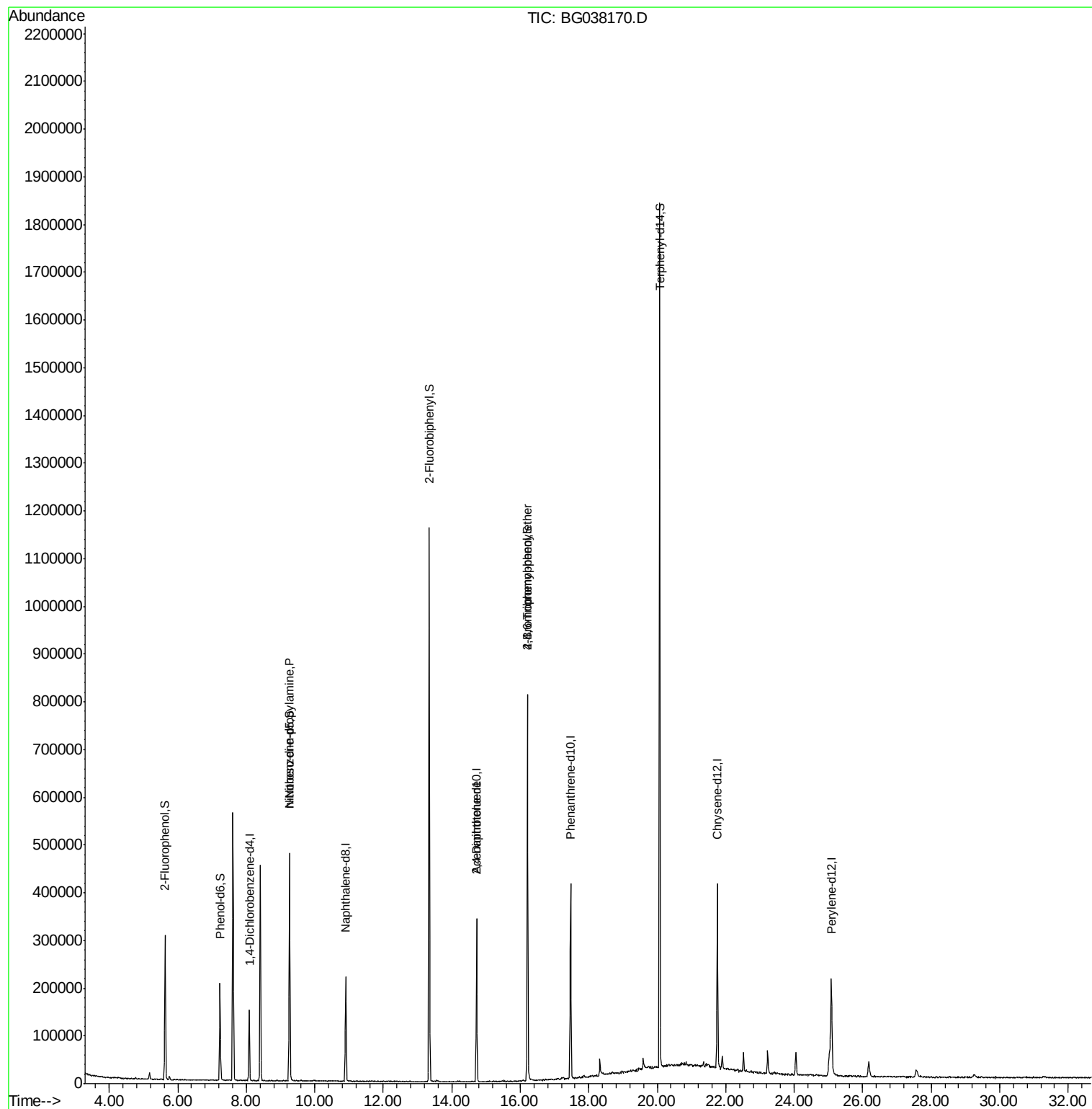
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	43780	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	196767	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119336	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	258677	20.00	ng	0.00
76) Chrysene-d12	21.75	240	237122	20.00	ng	0.00
87) Perylene-d12	25.08	264	242191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	137638	54.28	ng	0.00
7) Phenol-d6	7.23	99	123252	34.05	ng	0.00
23) Nitrobenzene-d5	9.26	82	293801	79.93	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	146126	107.37	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	611958	74.71	ng	0.00
79) Terphenyl-d14	20.07	244	853614	84.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	38014	14.515	ng	# 78
57) 2,4-Dinitrotoluene	14.72	165	15307	5.254	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	10261	3.614	ng	# 1

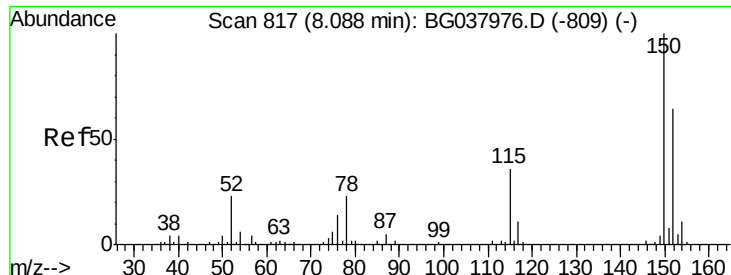
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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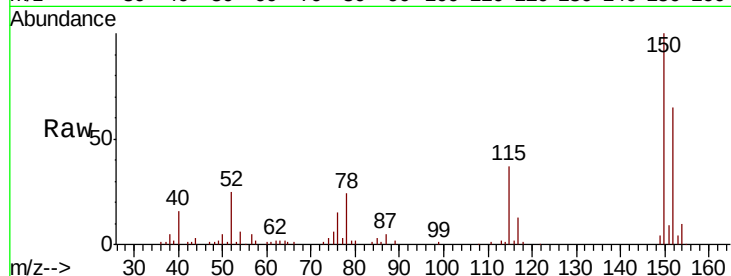


#1

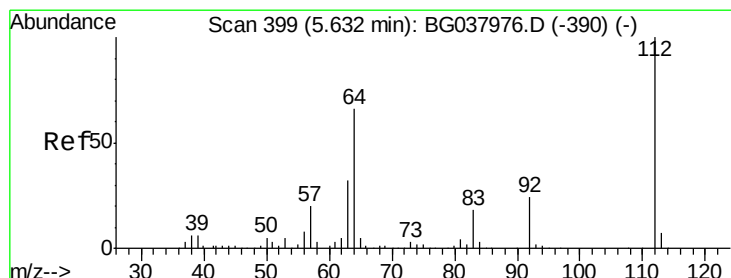
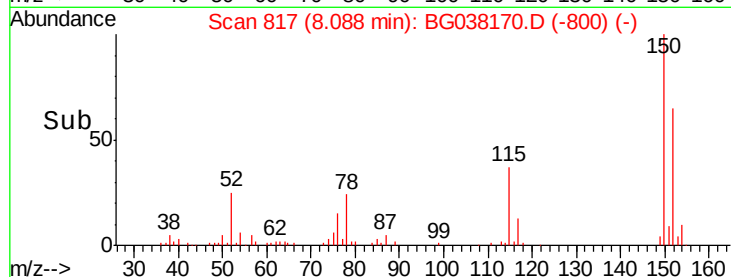
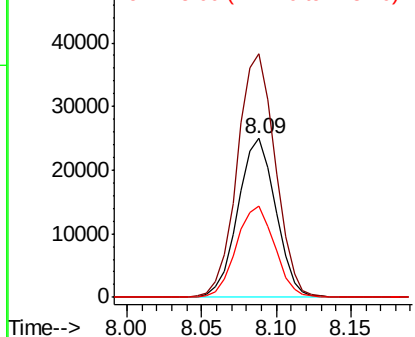
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038170.D
Acq: 27 Nov 2018 16:59

Instrument :
BNA_G
ClientSampleId :
EP2-MW-102

Tgt Ion:152 Resp: 43780
Ion Ratio Lower Upper
152 100
150 153.1 126.0 189.0
115 57.2 45.5 68.3



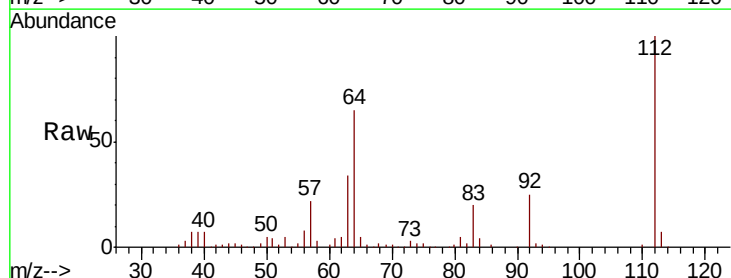
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



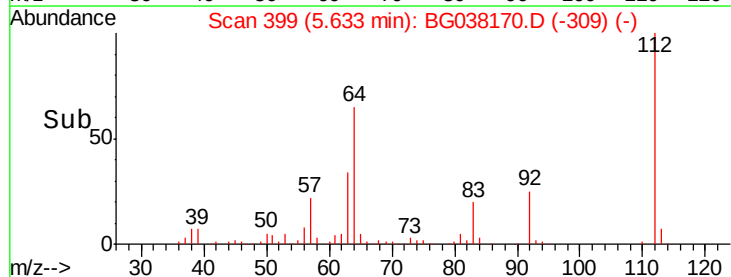
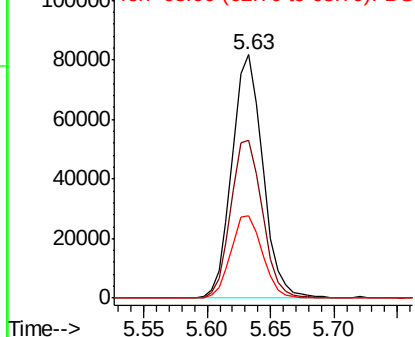
#5

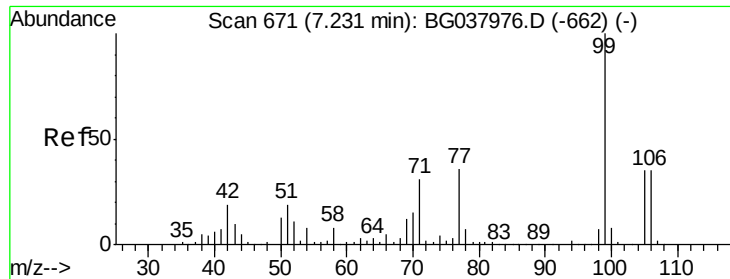
2-Fluorophenol
Concen: 54.281 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038170.D
Acq: 27 Nov 2018 16:59

Tgt Ion:112 Resp: 137638
Ion Ratio Lower Upper
112 100
64 64.9 53.1 79.7
63 33.6 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: 34.052 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038170.D

Acq: 27 Nov 2018 16:59

Instrument :

BNA_G

ClientSampleId :

EP2-MW-102

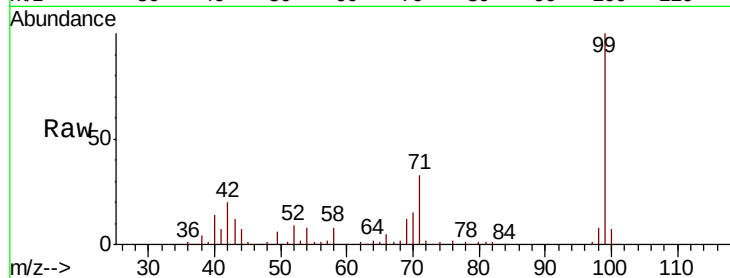
Tgt Ion: 99 Resp: 123252

Ion Ratio Lower Upper

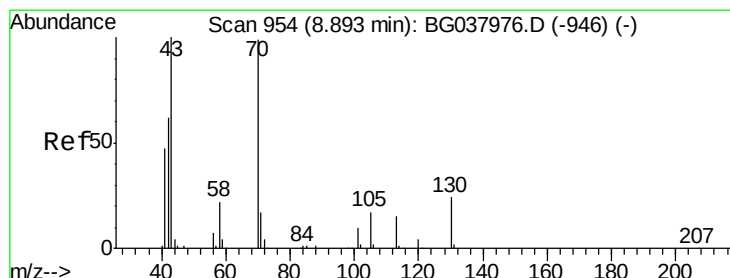
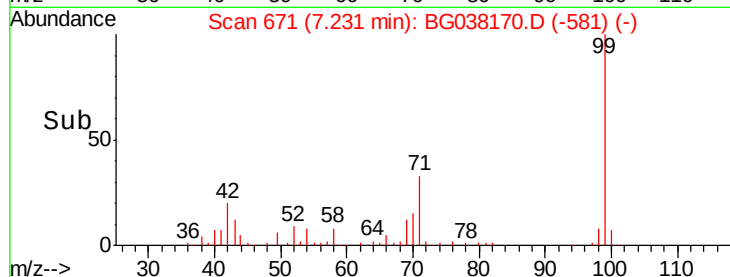
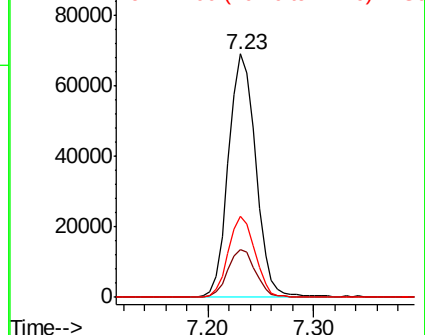
99 100

42 19.8 15.0 22.4

71 33.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.515 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038170.D

Acq: 27 Nov 2018 16:59

Tgt Ion: 70 Resp: 38014

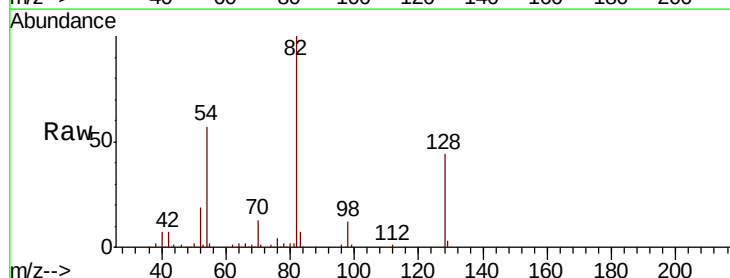
Ion Ratio Lower Upper

70 100

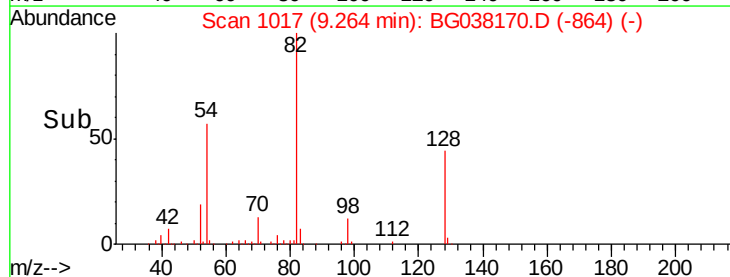
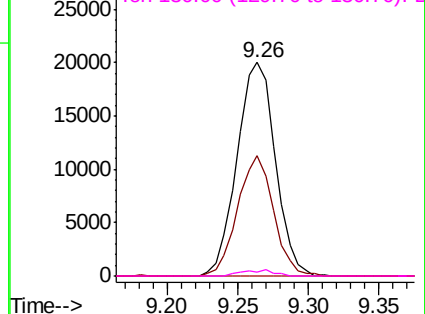
42 56.6 53.9 80.9

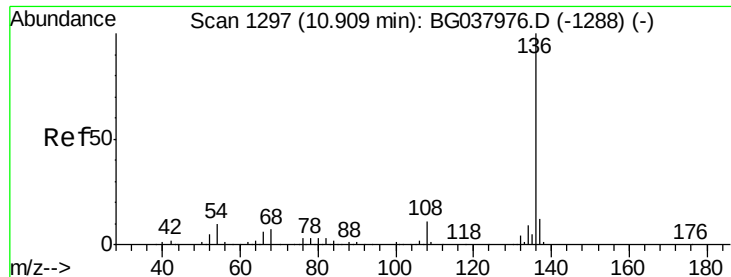
101 0.0 8.2 12.2#

130 1.9 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

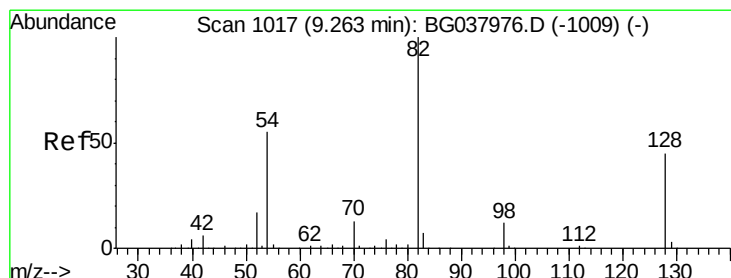
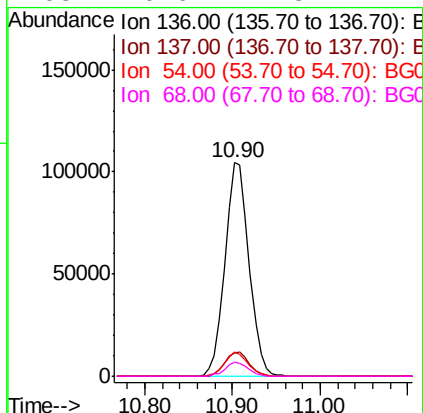
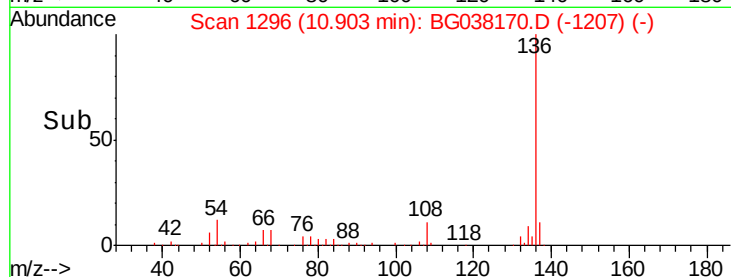
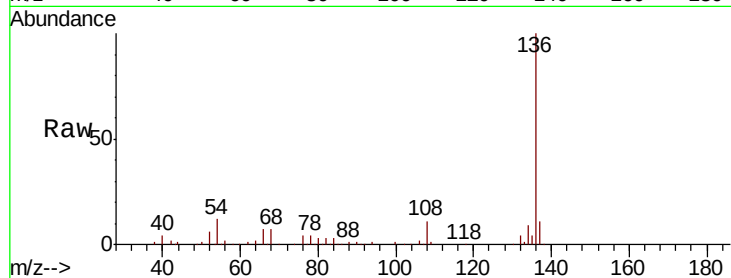




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038170.D
Acq: 27 Nov 2018 16:59

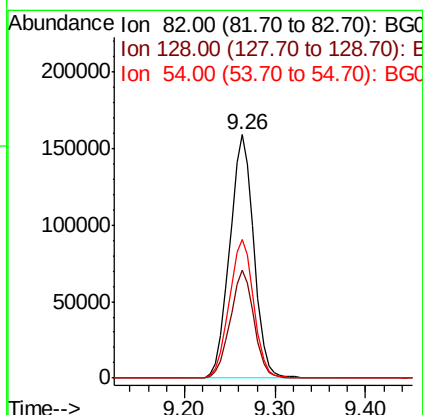
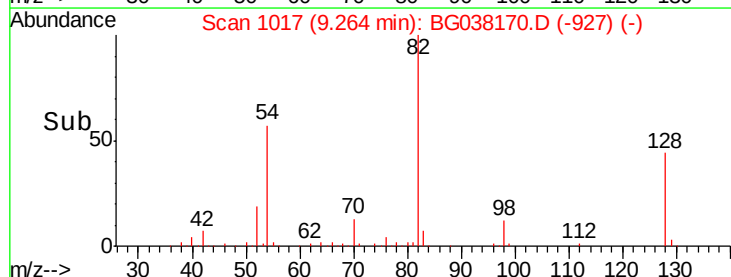
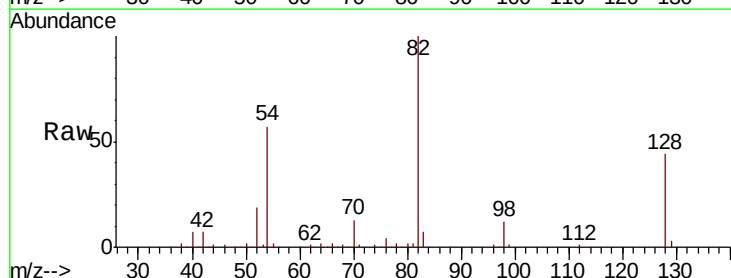
Instrument :
BNA_G
ClientSampleId :
EP2-MW-102

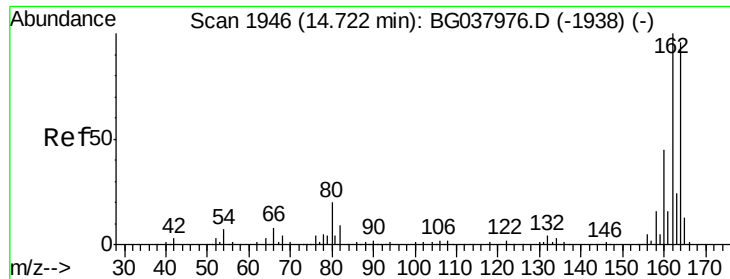
Tgt Ion:	136	Resp:	196767
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	11.5	7.9	11.9
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 79.928 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038170.D
Acq: 27 Nov 2018 16:59

Tgt Ion:	82	Resp:	293801
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	56.8	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: BG038170.D

Acq: 27 Nov 2018 16:59

Instrument :

BNA_G

ClientSampleId :

EP2-MW-102

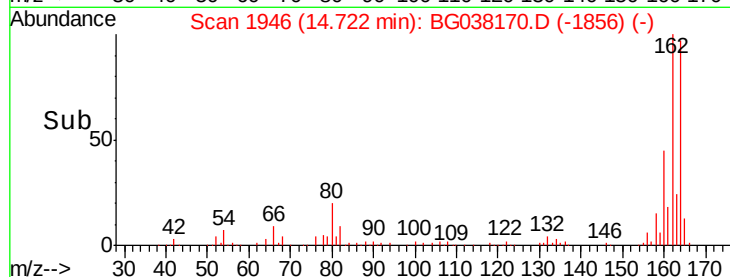
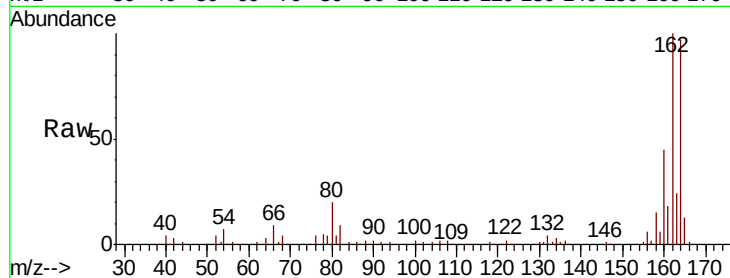
Tgt Ion:164 Resp: 119336

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

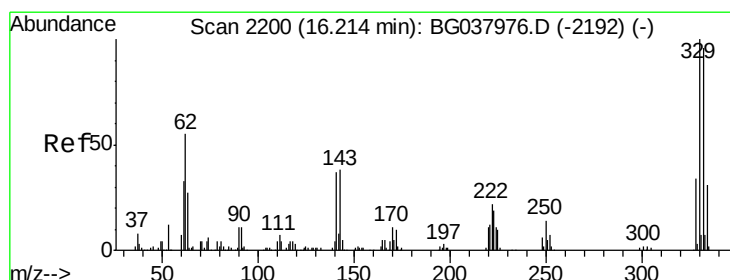
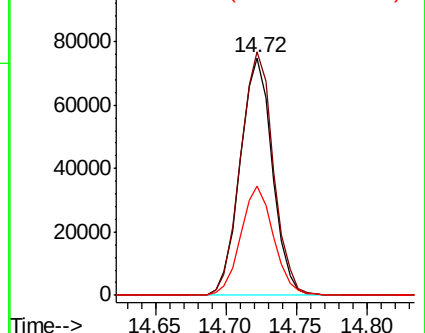
160 46.2 36.3 54.5



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: 107.367 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038170.D

Acq: 27 Nov 2018 16:59

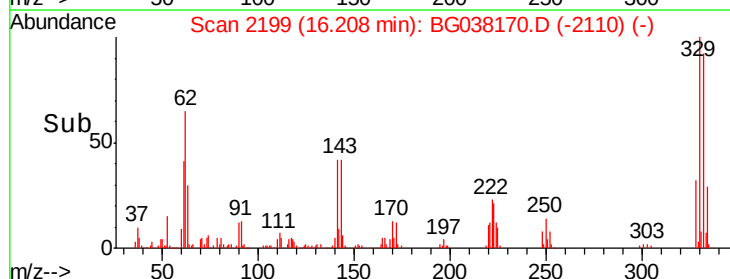
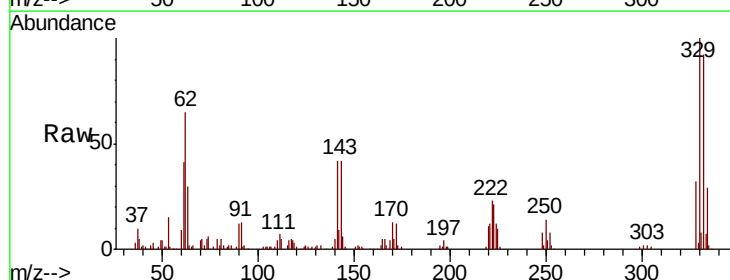
Tgt Ion:330 Resp: 146126

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

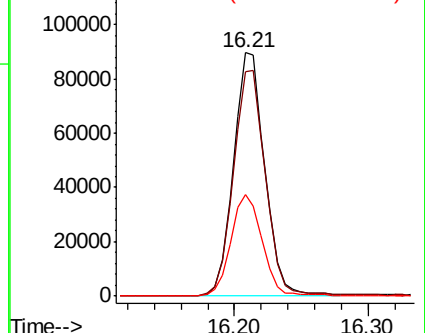
141 41.9 32.2 48.2

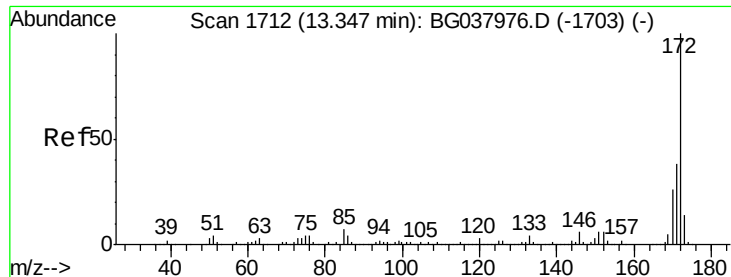


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

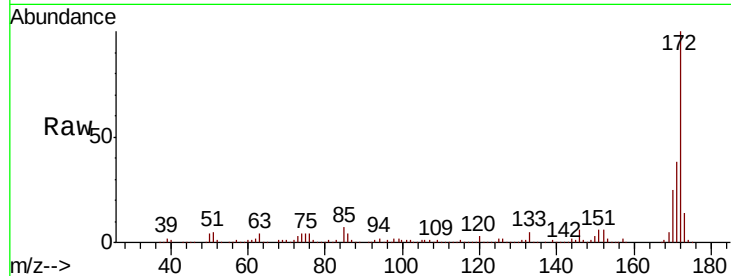




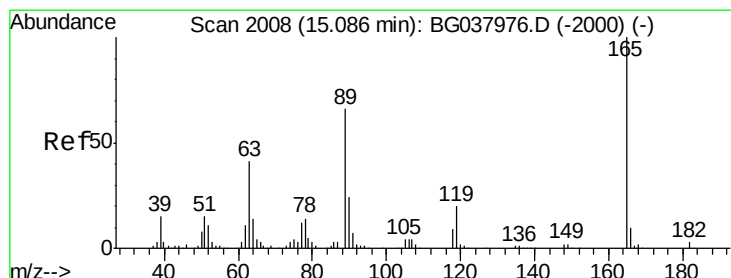
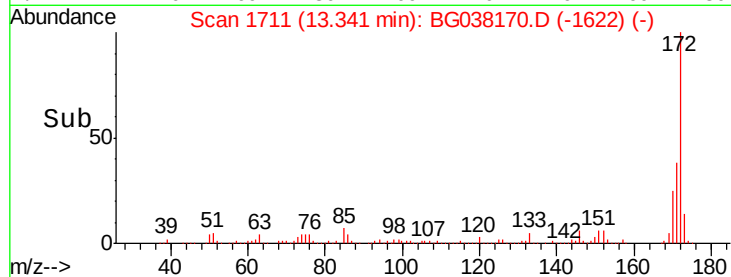
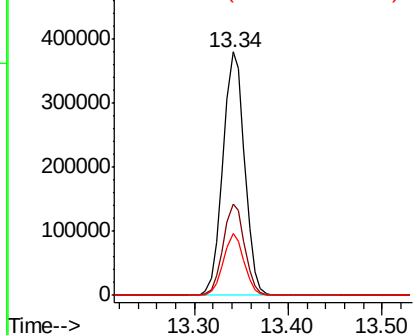
#45
2-Fluorobiphenyl
Concen: 74.708 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038170.D
Acq: 27 Nov 2018 16:59

Instrument :
BNA_G
ClientSampleId :
EP2-MW-102

Tgt Ion:172 Resp: 611958
Ion Ratio Lower Upper
172 100
171 37.6 31.0 46.4
170 25.2 20.2 30.2

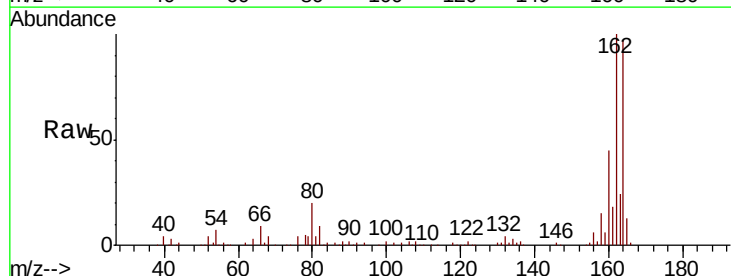


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

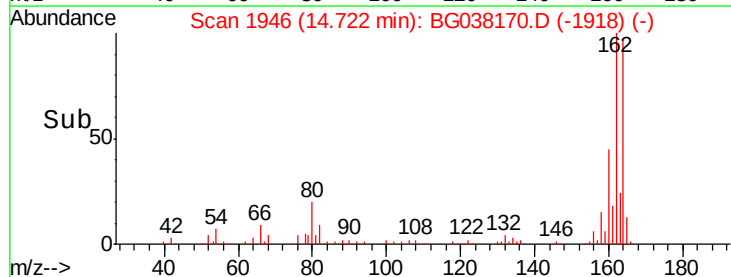
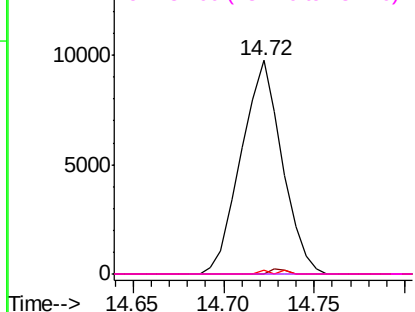


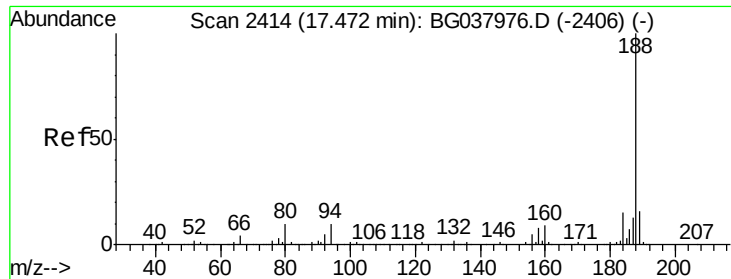
#57
2,4-Dinitrotoluene
Concen: 5.254 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.36 min
Lab File: BG038170.D
Acq: 27 Nov 2018 16:59

Tgt Ion:165 Resp: 15307
Ion Ratio Lower Upper
165 100
63 0.0 33.4 50.0#
89 2.1 57.2 85.8#
182 0.0 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BG038170.D

Acq: 27 Nov 2018 16:59

Instrument :

BNA_G

ClientSampleId :

EP2-MW-102

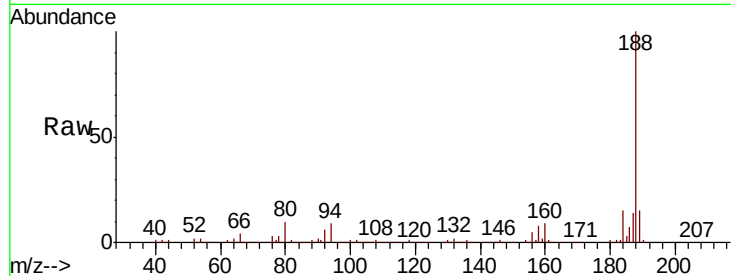
Tgt Ion:188 Resp: 258677

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

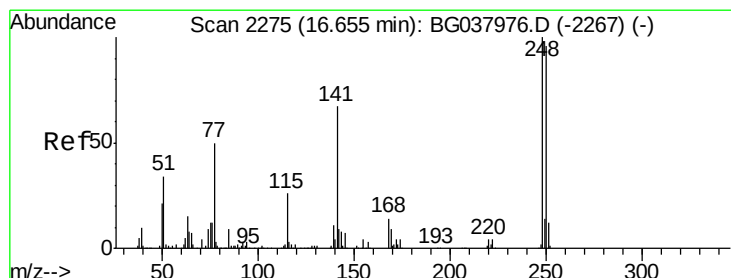
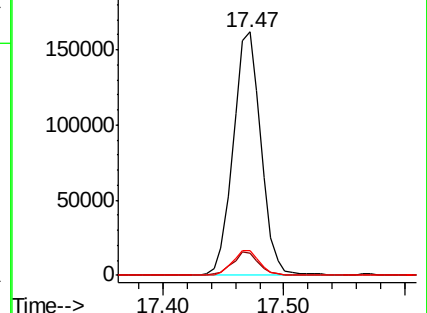
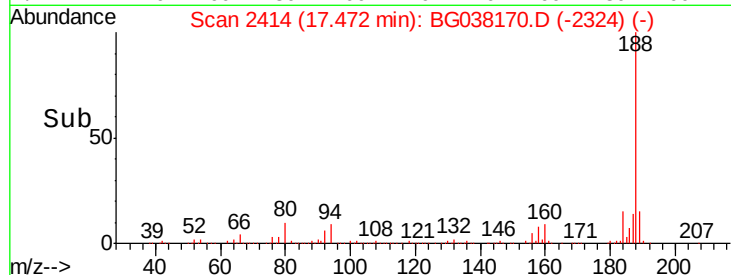
80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 3.614 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.45 min

Lab File: BG038170.D

Acq: 27 Nov 2018 16:59

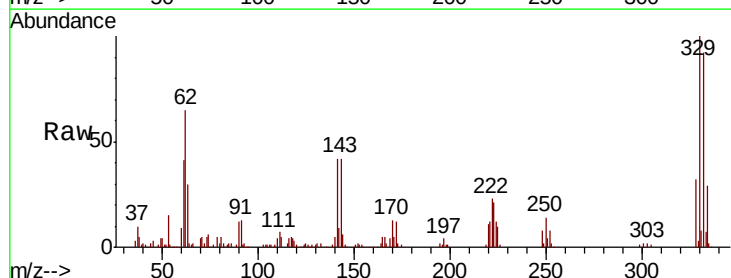
Tgt Ion:248 Resp: 10261

Ion Ratio Lower Upper

248 100

250 180.9 77.0 115.6#

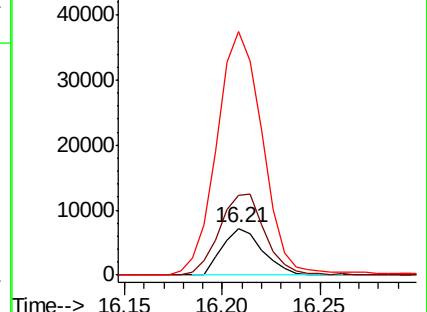
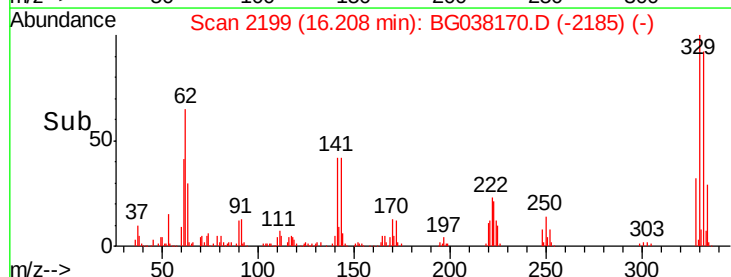
141 416.9 55.5 83.3#

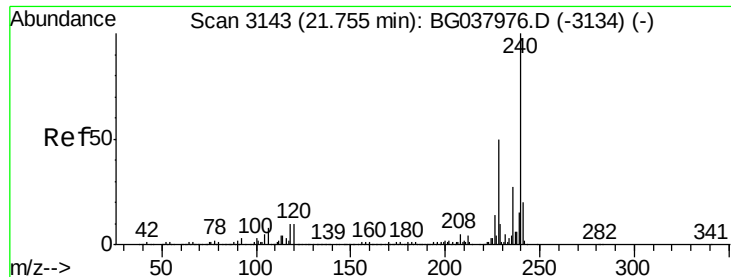


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

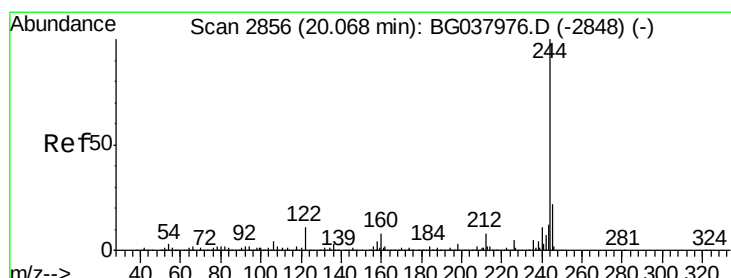
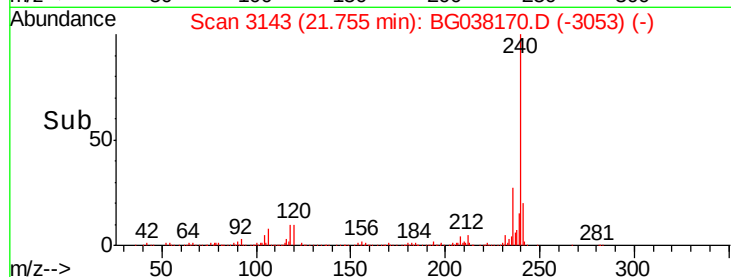
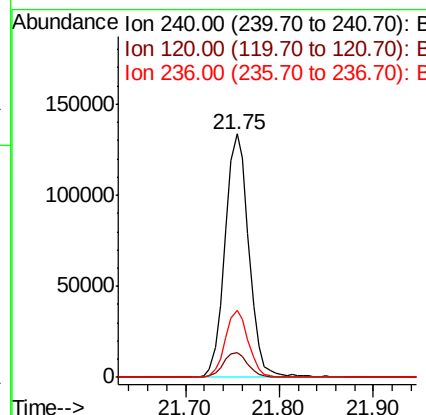
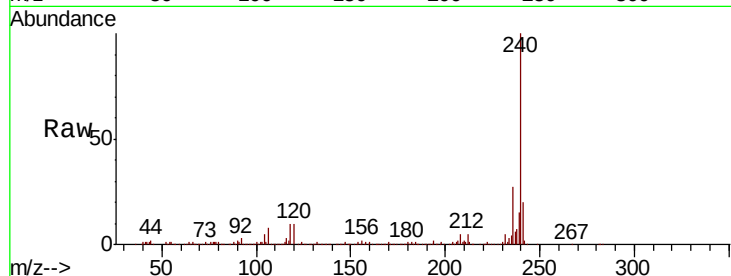




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG038170.D
Acq: 27 Nov 2018 16:59

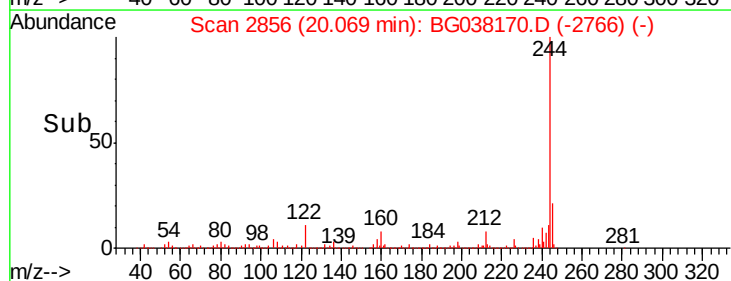
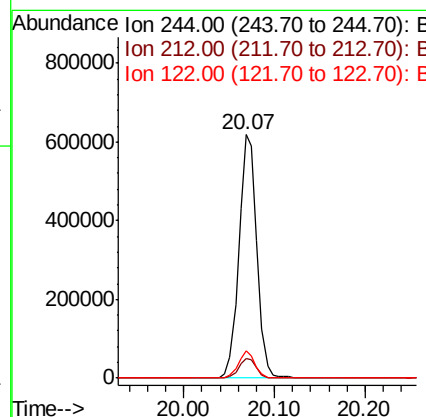
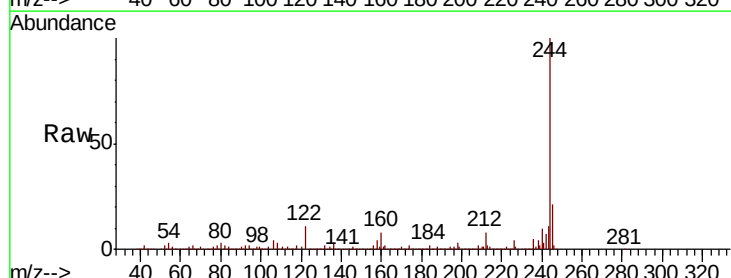
Instrument :
BNA_G
ClientSampleId :
EP2-MW-102

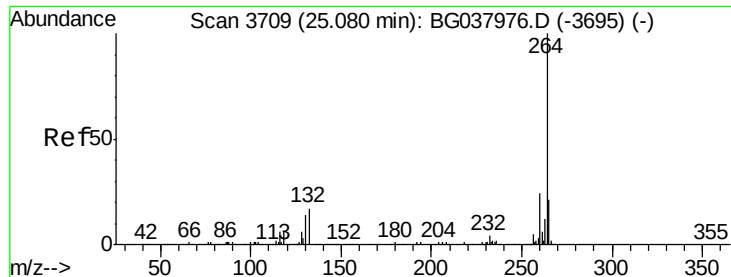
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	27.4	21.4	32.0



#79
Terphenyl-d14
Concen: 84.706 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038170.D
Acq: 27 Nov 2018 16:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.0	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038170.D
Acq: 27 Nov 2018 16:59

Instrument :
BNA_G
ClientSampleId :
EP2-MW-102

Tgt Ion: 264 Resp: 242191
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 21.2 17.9 26.9

