

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
 Data File : BG022338.D
 Acq On : 14 Jun 2016 17:06
 Operator : UM/SJ
 Sample : H3427-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-39

Quant Time: Jun 15 02:24:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

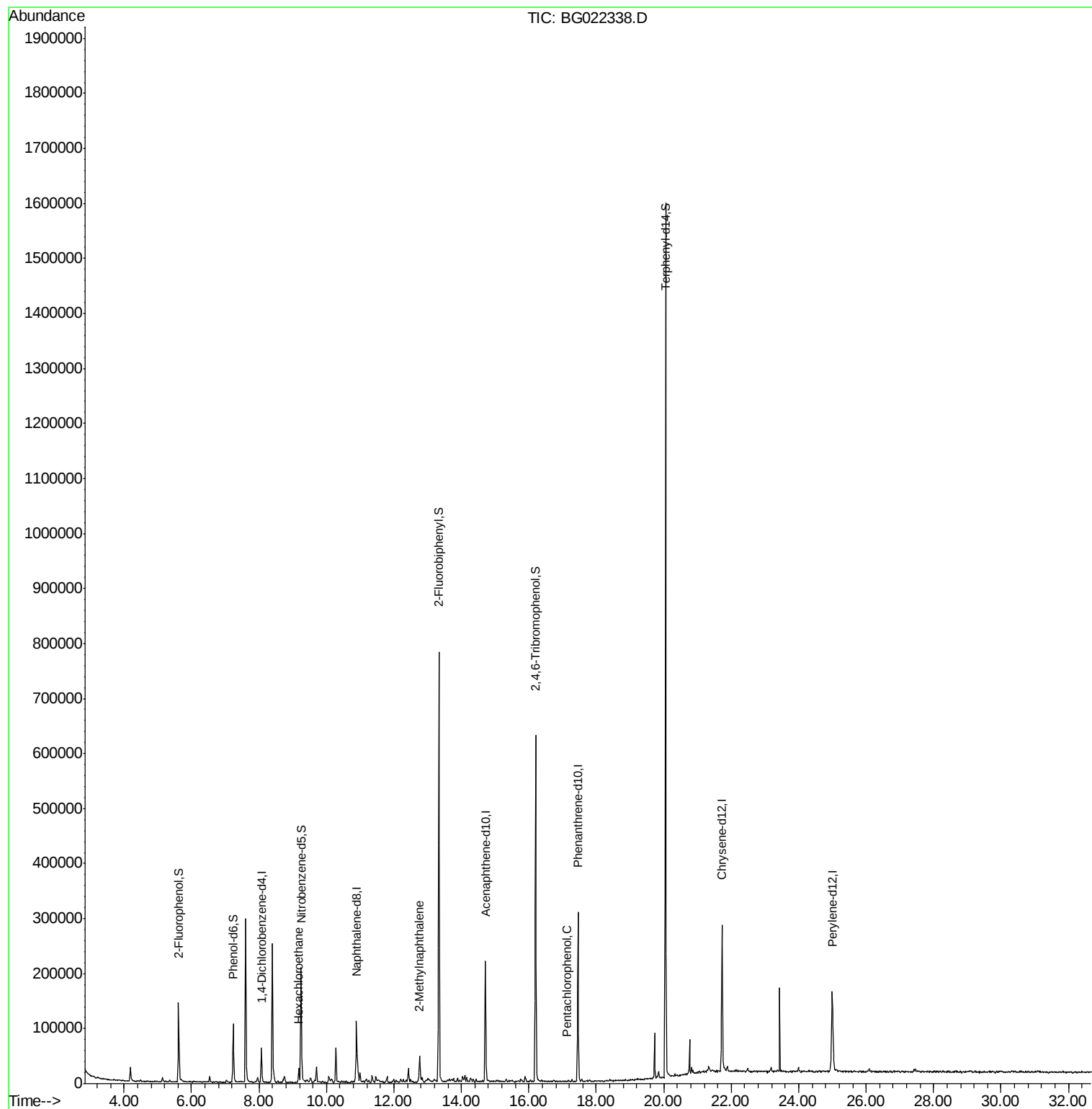
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23647	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	122646	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	82673	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	202973	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	174983	20.00	ng	-0.01
86) Perylene-d12	24.99	264	160092	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	95284	77.91	ng	-0.02
7) Phenol-d6	7.24	99	94608	49.20	ng	-0.01
23) Nitrobenzene-d5	9.25	82	162592	92.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	137715	147.42	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	459034	84.62	ng	-0.01
78) Terphenyl-d14	20.05	244	731606	99.26	ng	0.00
Target Compounds						
18) Hexachloroethane	9.18	117	7940	12.04	ng	# 43
37) 2-Methylnaphthalene	12.76	142	25127	5.56	ng	90
69) Pentachlorophenol	17.13	266	126	6.89	ng	# 16

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 891

Delta R.T. -0.02 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

Instrument :

BNA_G

ClientSampleId :

W-39

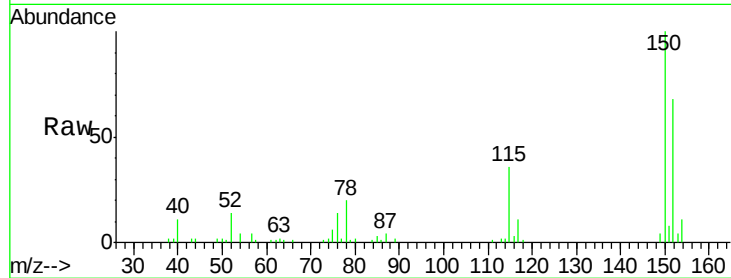
Tgt Ion:152 Resp: 23647

Ion Ratio Lower Upper

152 100

150 147.8 130.1 195.1

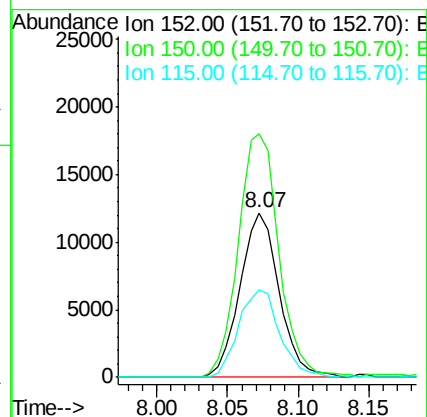
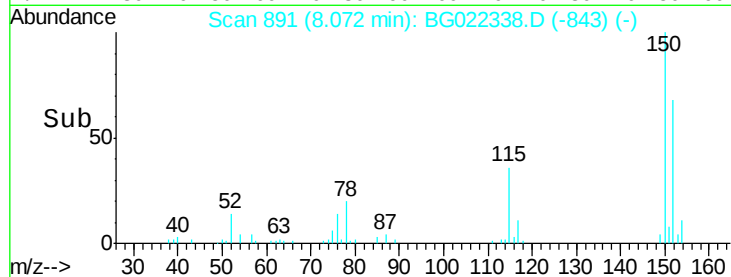
115 53.0 62.2 93.2#



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: 77.91 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

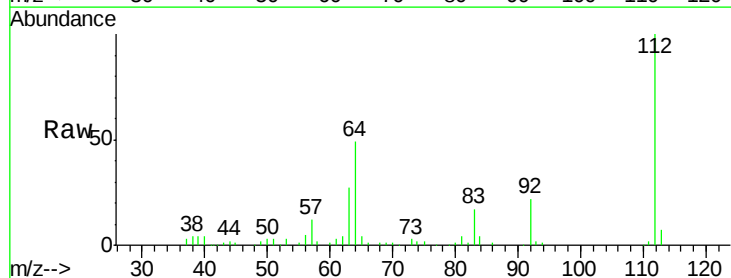
Tgt Ion:112 Resp: 95284

Ion Ratio Lower Upper

112 100

64 49.0 51.1 76.7#

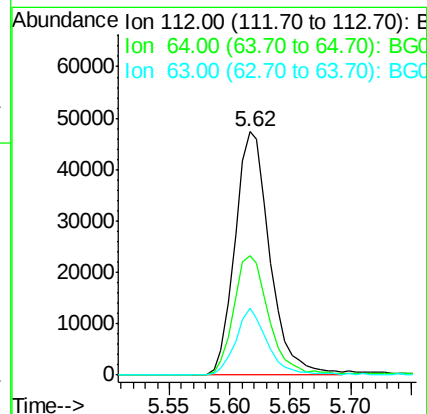
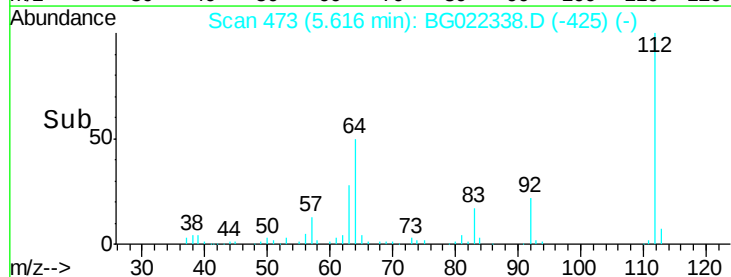
63 27.3 24.6 37.0



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: 49.20 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

Instrument :

BNA_G

ClientSampleId :

W-39

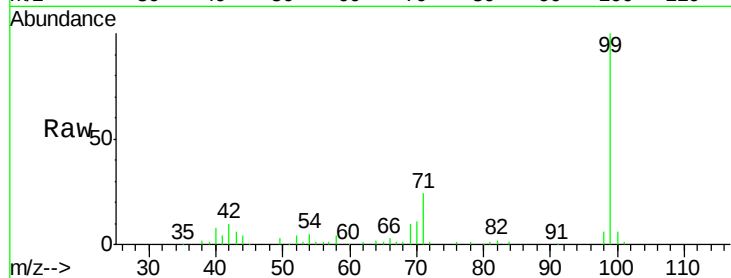
Tgt Ion: 99 Resp: 94608

Ion Ratio Lower Upper

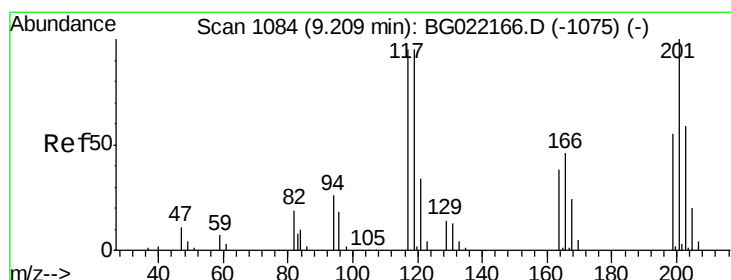
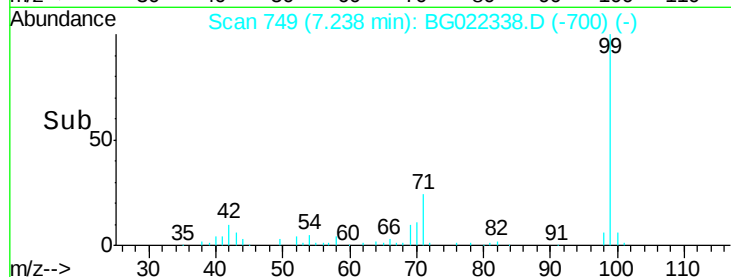
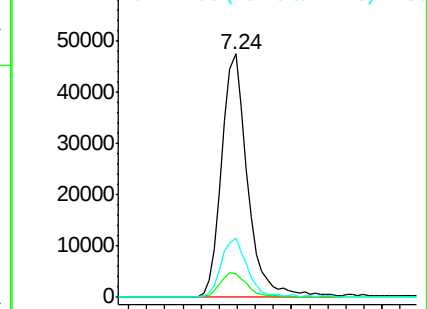
99 100

42 9.8 16.4 24.6#

71 24.2 25.0 37.4#



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



#18

Hexachloroethane

Concen: 12.04 ng

RT: 9.18 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BG022338.D

Acq: 14 Jun 2016 17:06

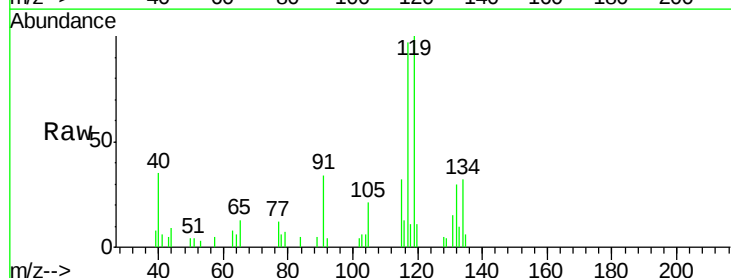
Tgt Ion: 117 Resp: 7940

Ion Ratio Lower Upper

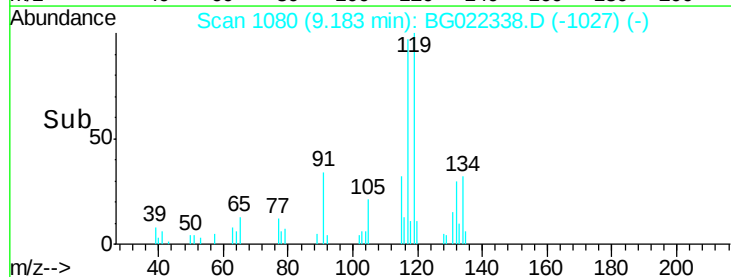
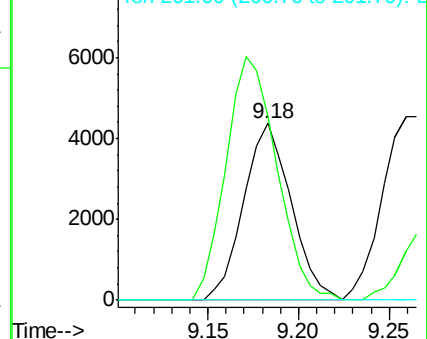
117 100

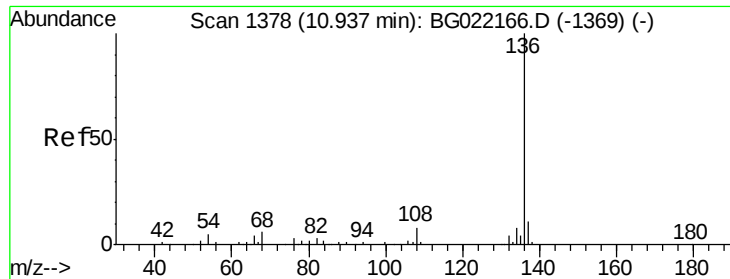
119 103.5 63.9 95.9#

201 0.0 61.2 91.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

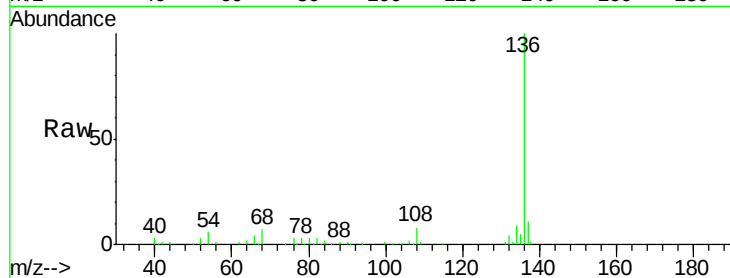




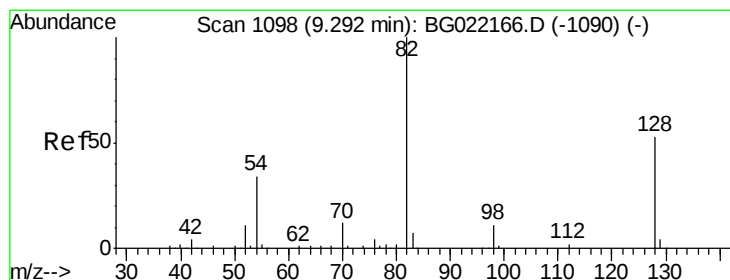
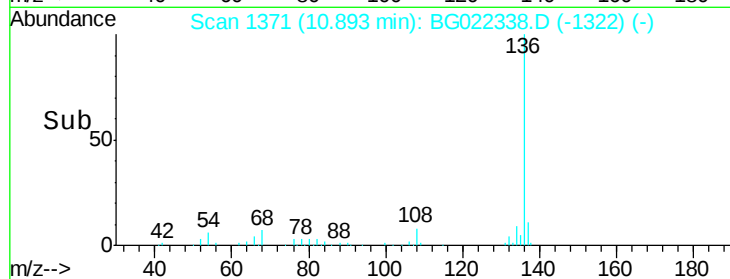
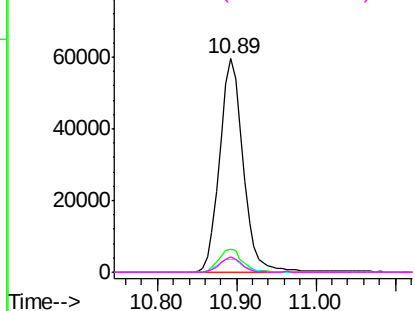
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:	136	Resp:	122646
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.0	9.6	14.4#
68	7.1	6.4	9.6

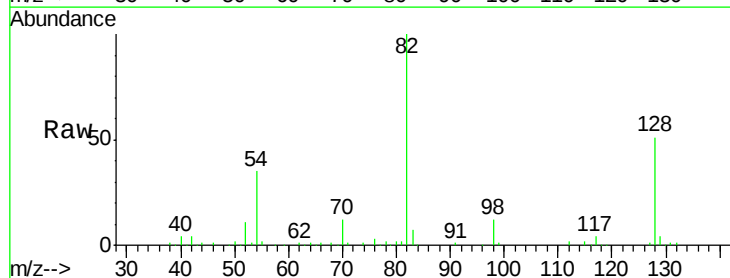


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

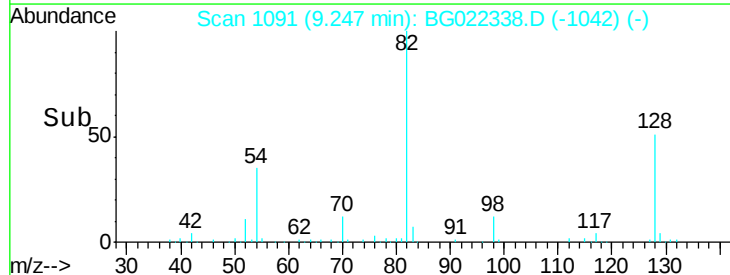
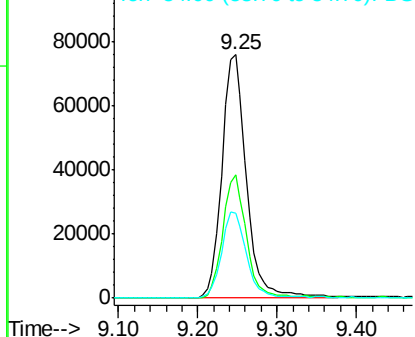


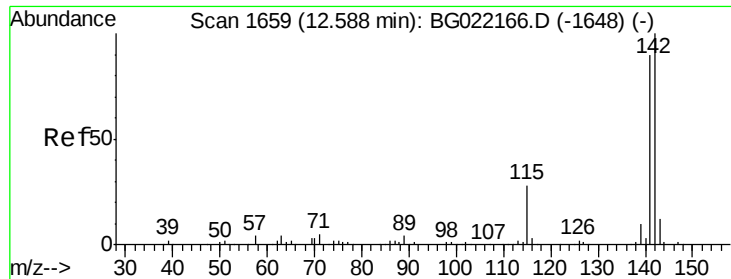
#23
Nitrobenzene-d5
Concen: 92.42 ng
RT: 9.25 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion:	82	Resp:	162592
Ion	Ratio	Lower	Upper
82	100		
128	50.5	33.4	50.0#
54	34.7	46.1	69.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

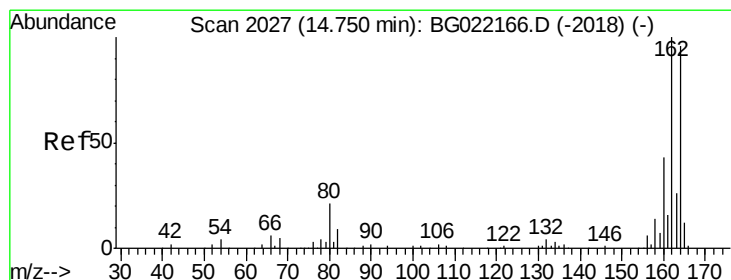
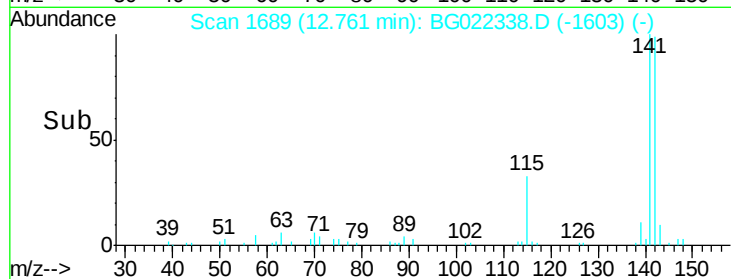
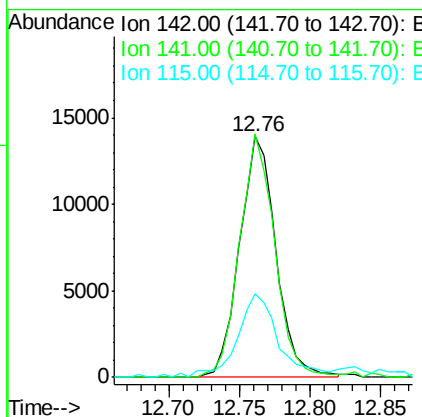
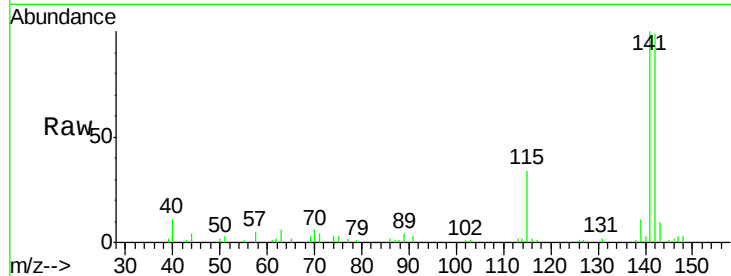




#37
2-Methylnaphthalene
Concen: 5.56 ng
RT: 12.76 min Scan# 1689
Delta R.T. 0.20 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

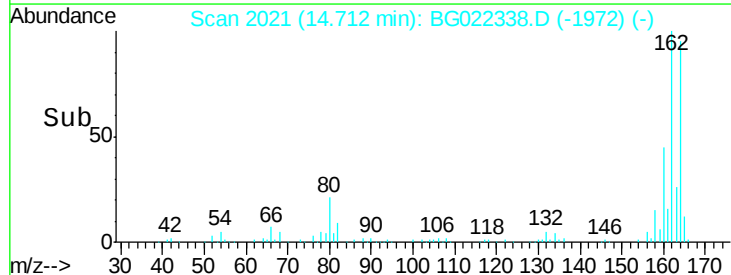
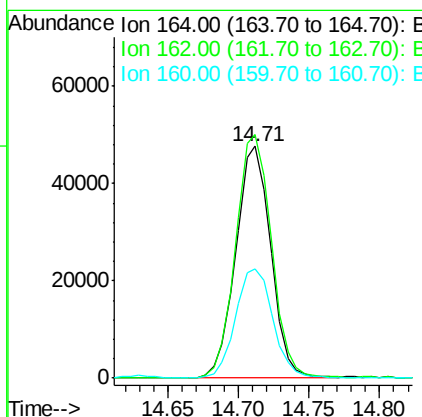
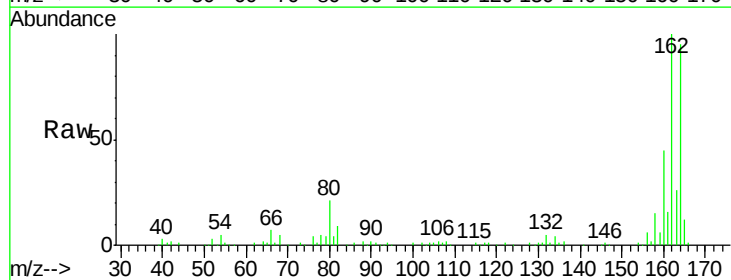
Instrument :
BNA_G
ClientSampleId :
W-39

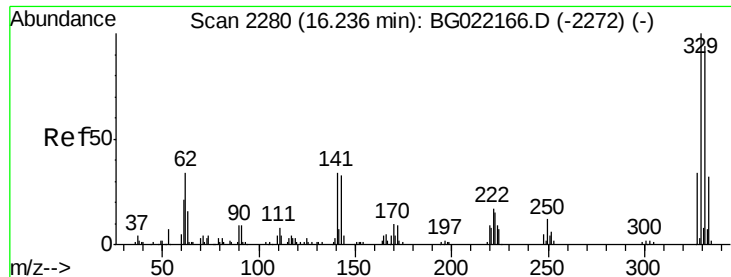
Tgt Ion:142 Resp: 25127
Ion Ratio Lower Upper
142 100
141 101.2 71.4 107.0
115 34.8 27.4 41.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion:164 Resp: 82673
Ion Ratio Lower Upper
164 100
162 105.1 78.0 117.0
160 47.4 32.9 49.3

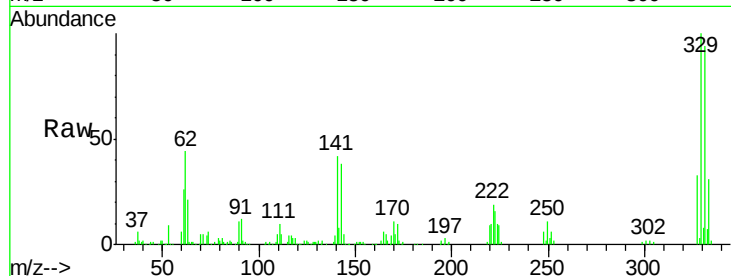




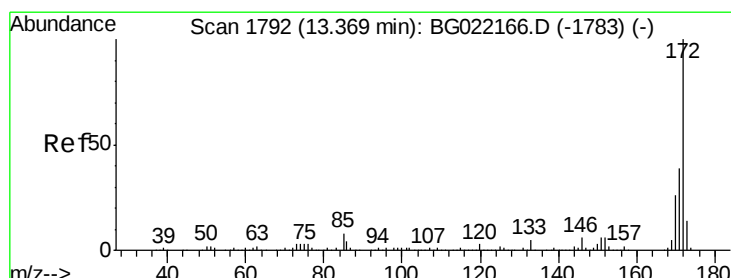
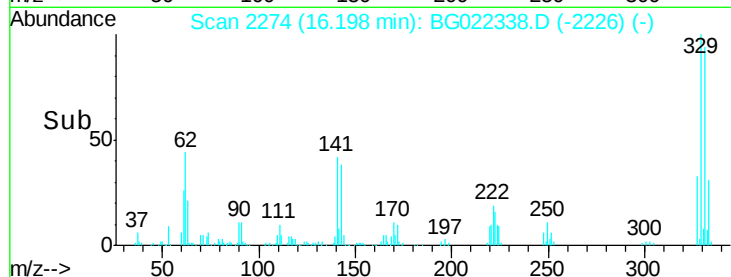
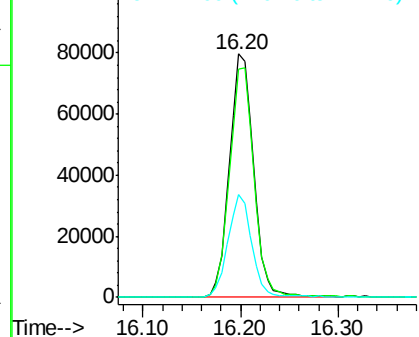
#41
 2,4,6-Tribromophenol
 Concen: 147.42 ng
 RT: 16.20 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BG022338.D
 Acq: 14 Jun 2016 17:06

Instrument :
 BNA_G
 ClientSampled :
 W-39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	41.9	33.8	50.8

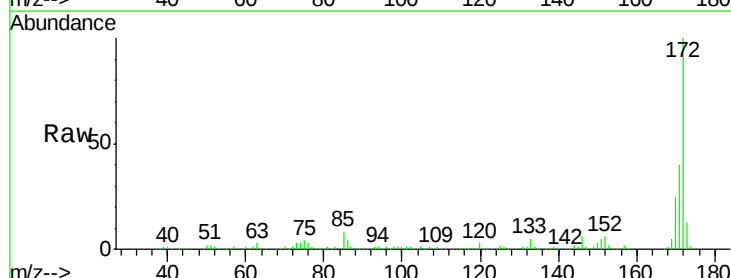


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

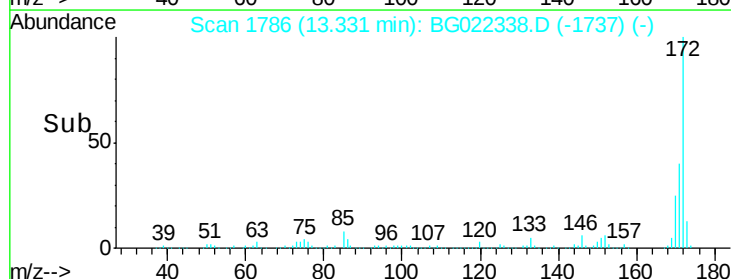
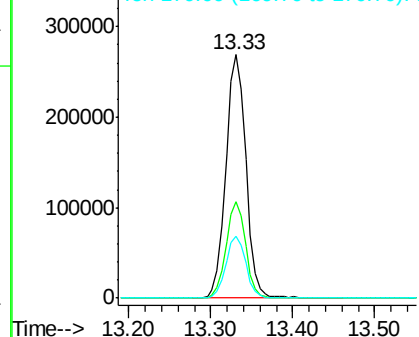


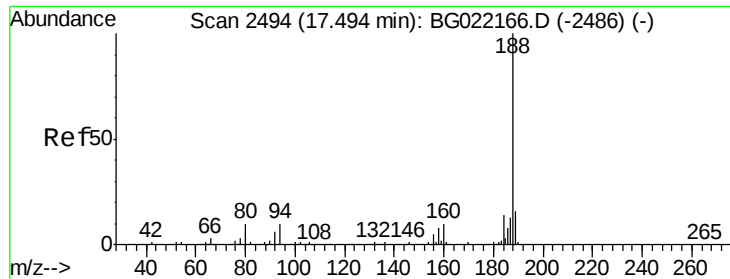
#44
 2-Fluorobiphenyl
 Concen: 84.62 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG022338.D
 Acq: 14 Jun 2016 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	27.8	41.6
170	25.5	19.6	29.4



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

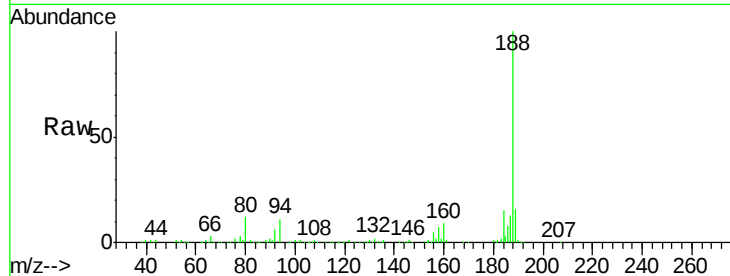




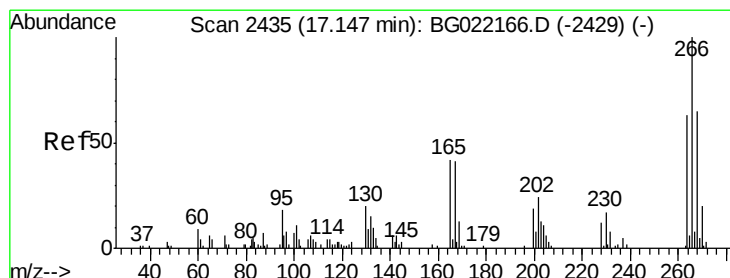
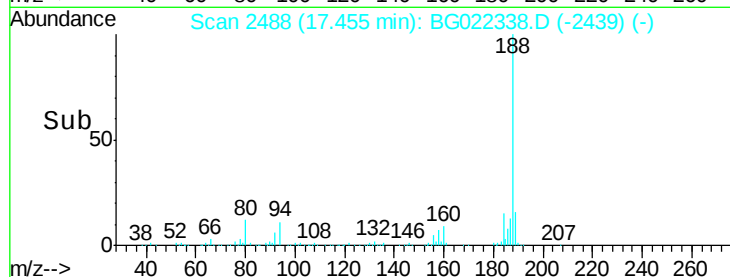
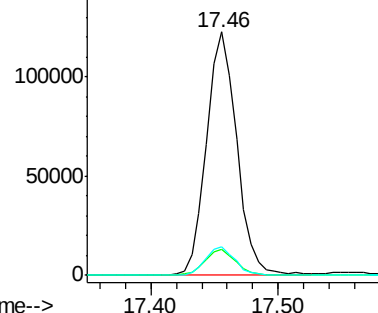
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.46 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BG022338.D
 Acq: 14 Jun 2016 17:06

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:188 Resp: 202973
 Ion Ratio Lower Upper
 188 100
 94 10.7 7.5 11.3
 80 11.6 8.6 13.0

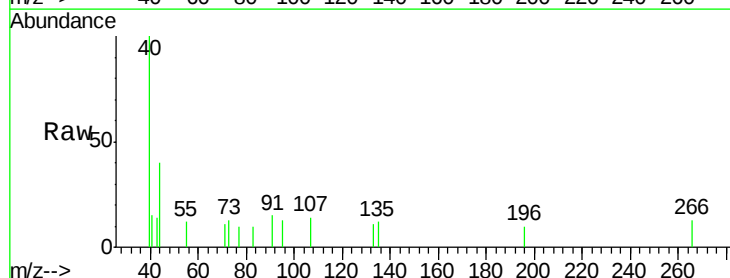


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

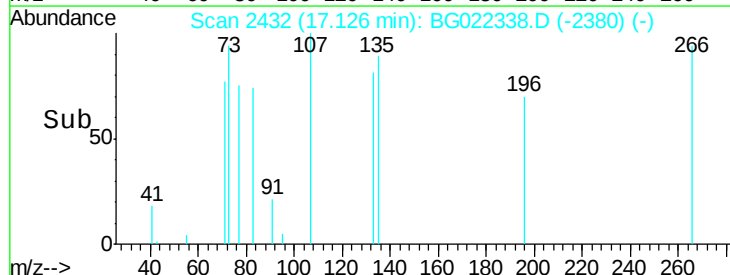
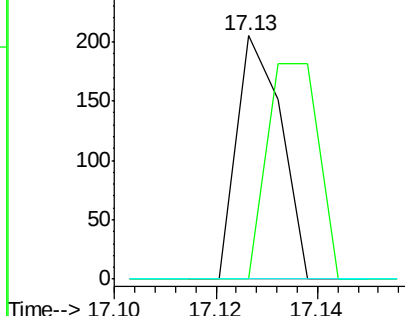


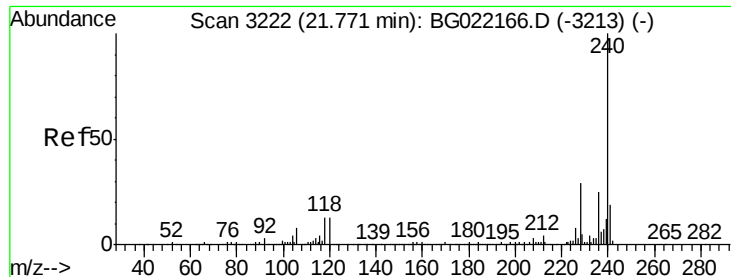
#69
 Pentachlorophenol
 Concen: 6.89 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. 0.01 min
 Lab File: BG022338.D
 Acq: 14 Jun 2016 17:06

Tgt Ion:266 Resp: 126
 Ion Ratio Lower Upper
 266 100
 268 0.0 54.5 81.7#
 264 0.0 53.8 80.6#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

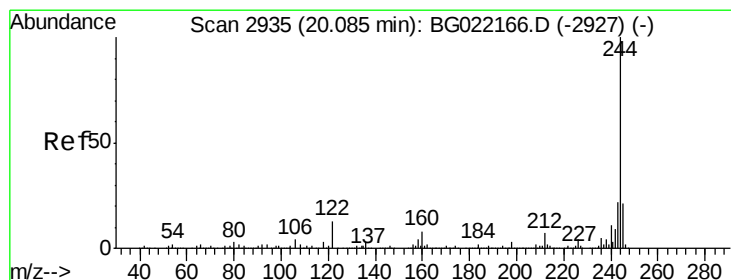
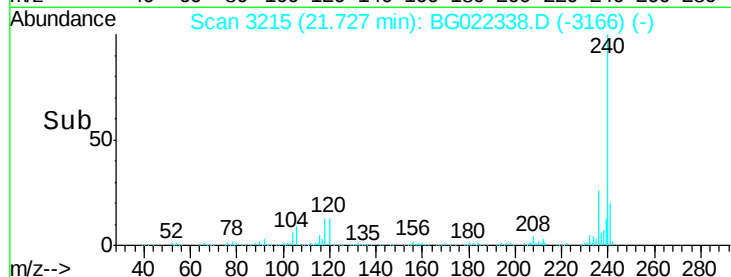
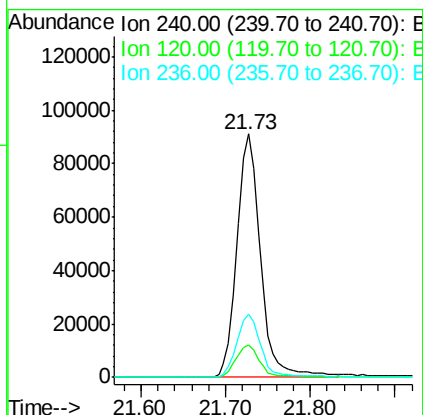
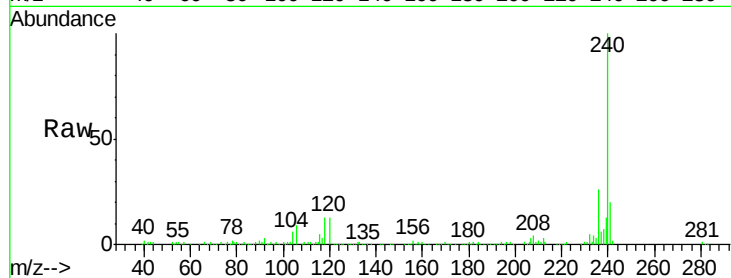




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.73 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

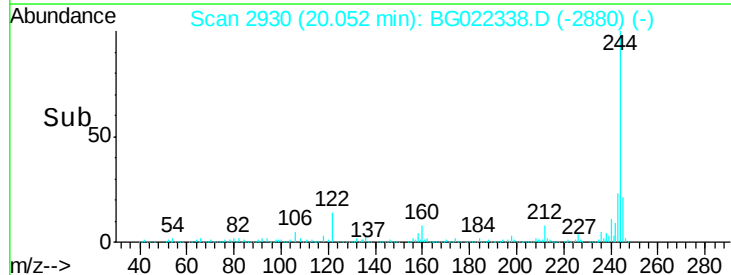
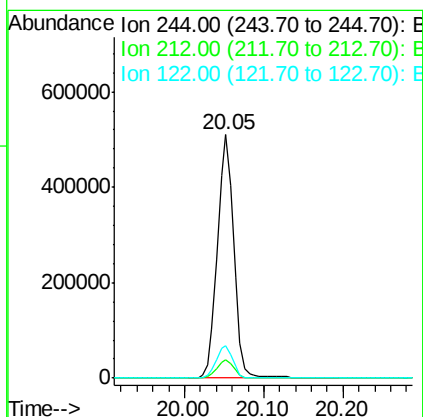
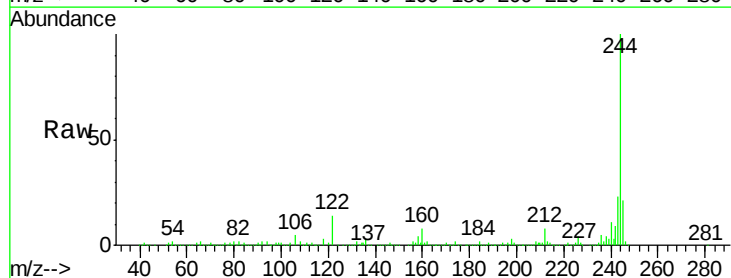
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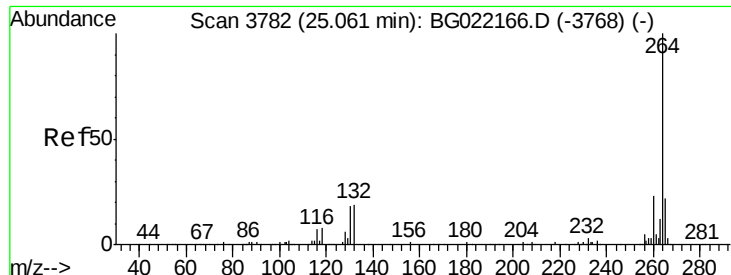
Tgt Ion:240 Resp: 174983
Ion Ratio Lower Upper
240 100
120 13.1 8.4 12.6#
236 25.7 19.6 29.4



#78
Terphenyl-d14
Concen: 99.26 ng
RT: 20.05 min Scan# 2930
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion:244 Resp: 731606
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 13.5 8.6 12.8#

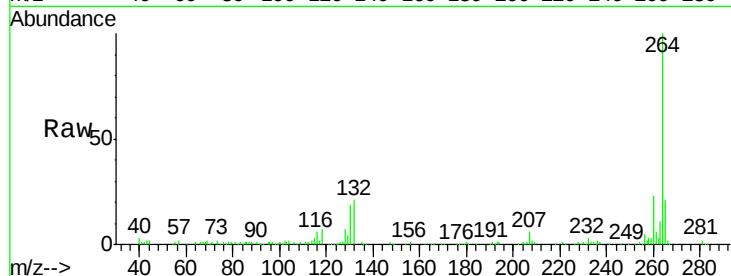




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.99 min Scan# 3771
Delta R.T. -0.02 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:	264	Resp:	160092
Ion	Ratio	Lower	Upper
264	100		
260	23.0	20.2	30.4
265	20.8	17.8	26.8



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

