

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038414.D
 Acq On : 7 Dec 2018 22:06
 Operator : JU/SJ
 Sample : J6234-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218

Quant Time: Dec 08 03:58:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

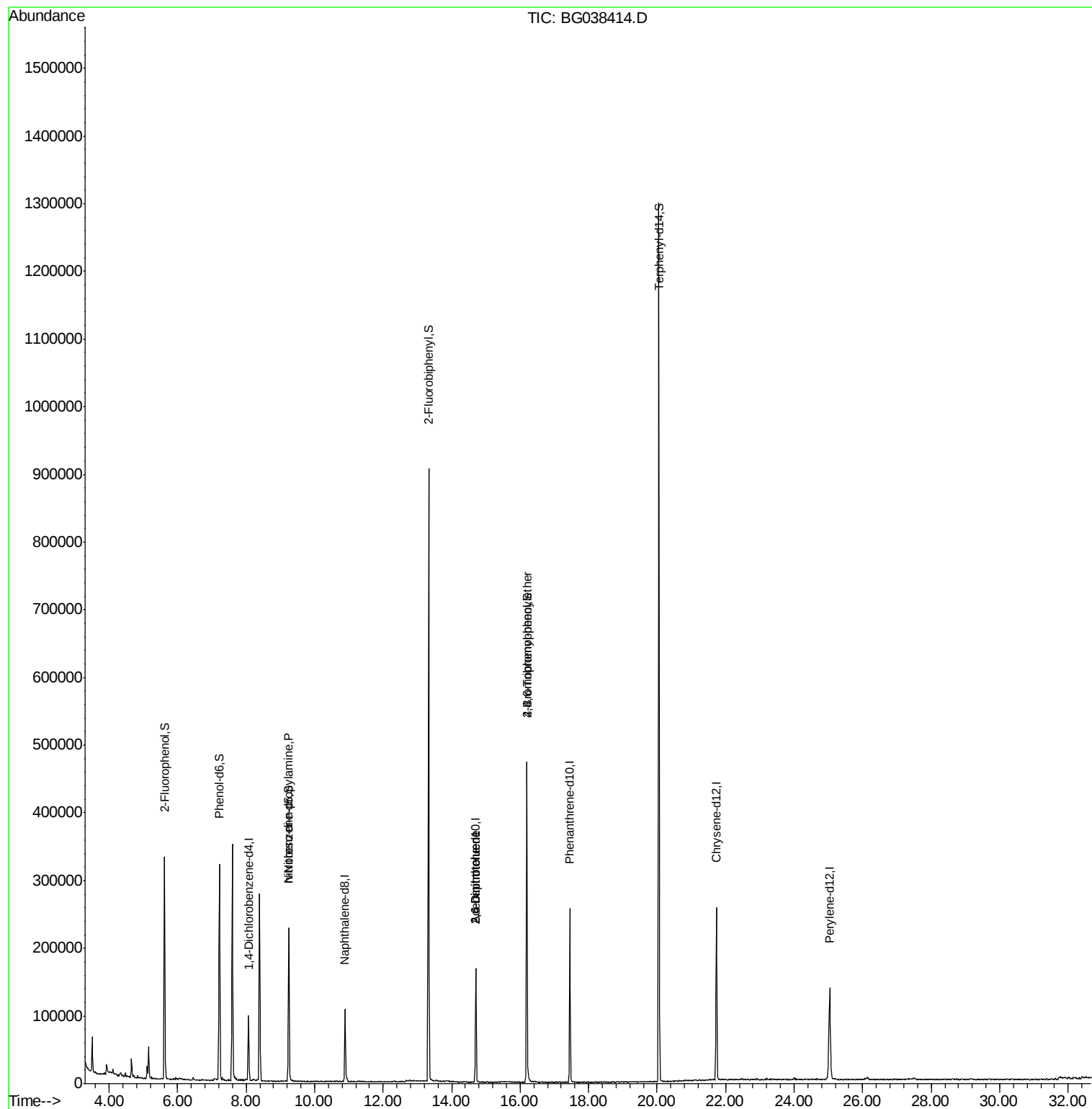
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27492	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	95137	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62215	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	168261	20.00	ng	0.00
76) Chrysene-d12	21.73	240	167466	20.00	ng	-0.02
87) Perylene-d12	25.04	264	170669	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	144987	93.33	ng	0.00
7) Phenol-d6	7.22	99	189470	84.38	ng	0.00
23) Nitrobenzene-d5	9.24	82	145299	75.83	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	94137	123.25	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	499211	114.33	ng	0.00
79) Terphenyl-d14	20.05	244	646583	82.71	ng	0.00
Target Compounds						
17) 2-Methylphenol	8.41	107	62	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	9.24	70	18855	9.905 ng	#	77
51) 2,6-Dinitrotoluene	14.71	165	7748	6.797 ng	#	23
57) 2,4-Dinitrotoluene	14.71	165	7748	4.928 ng	#	23
67) 4-Bromophenyl-phenylether	16.19	248	6419	3.533 ng	#	1

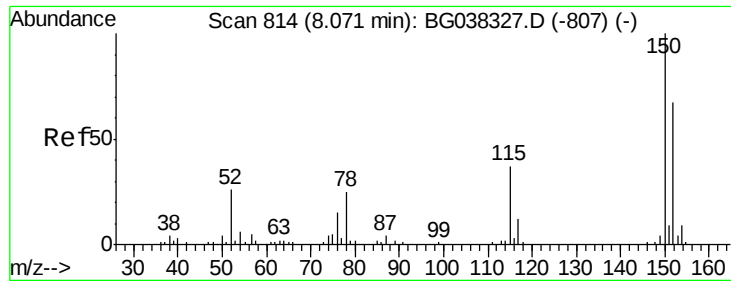
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

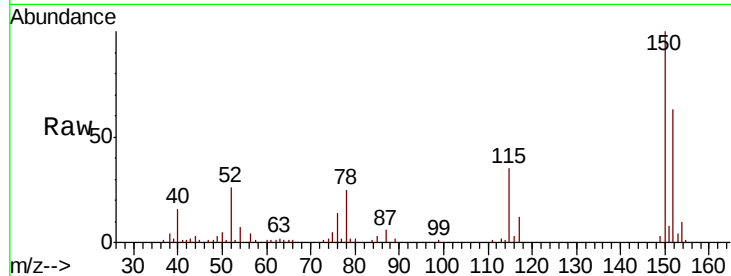




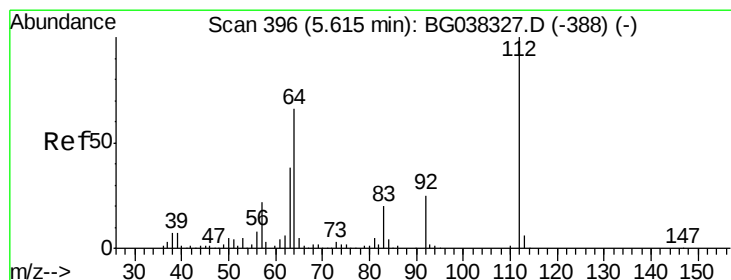
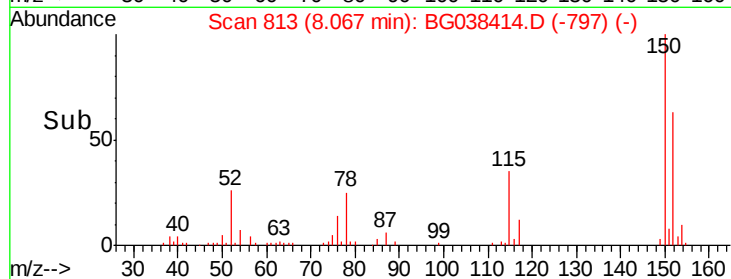
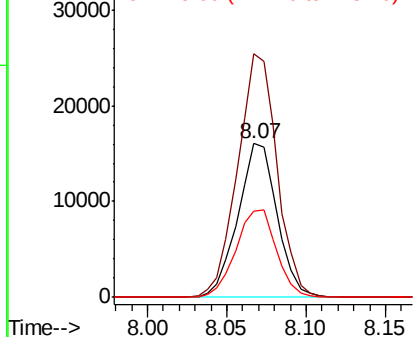
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG038414.D
 Acq: 7 Dec 2018 22:06

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218

Tgt Ion:152 Resp: 27492
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.0 189.0
 115 55.9 45.5 68.3

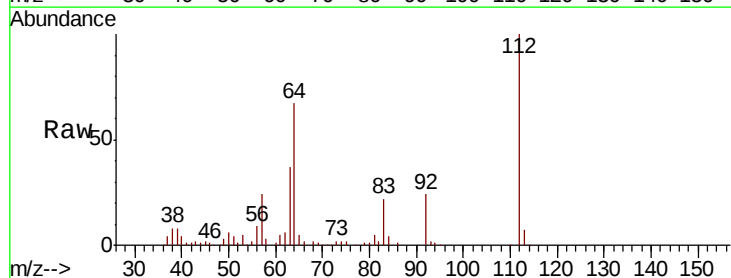


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

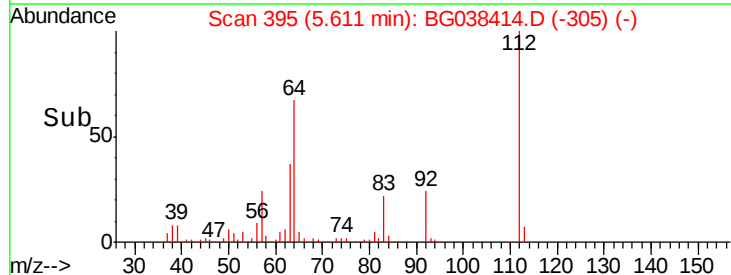
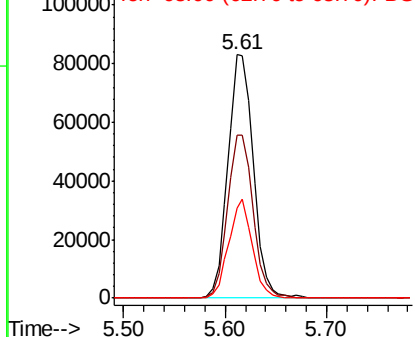


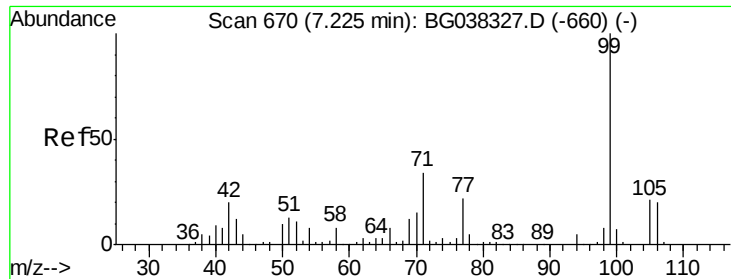
#5
 2-Fluorophenol
 Concen: 93.327 ng
 RT: 5.61 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: BG038414.D
 Acq: 7 Dec 2018 22:06

Tgt Ion:112 Resp: 144987
 Ion Ratio Lower Upper
 112 100
 64 66.7 53.1 79.7
 63 37.2 27.3 40.9



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: 84.382 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038414.D

Acq: 7 Dec 2018 22:06

Instrument :

BNA_G

ClientSampled :

VNJ-218

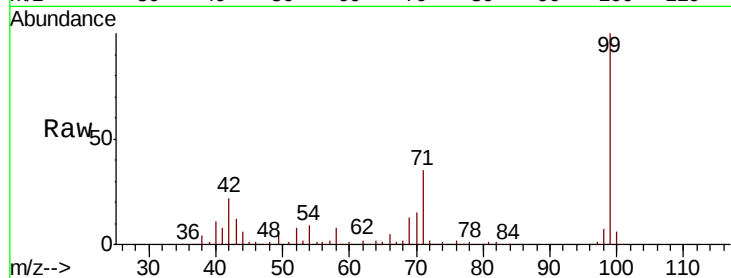
Tgt Ion: 99 Resp: 189470

Ion Ratio Lower Upper

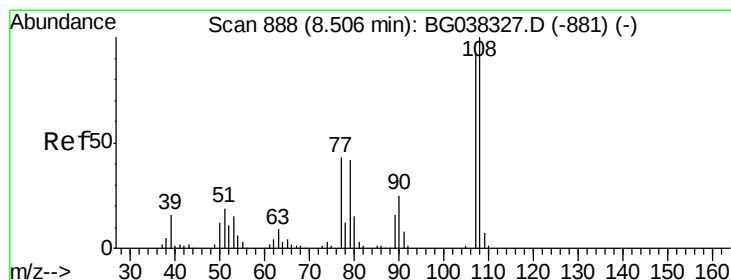
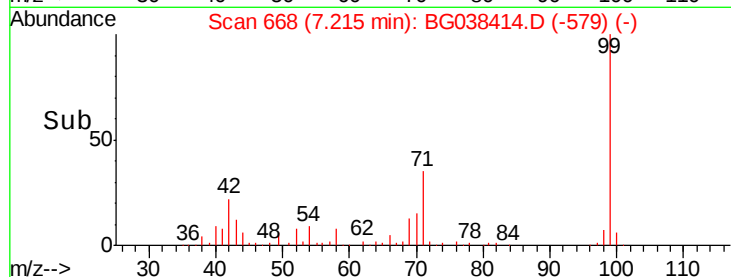
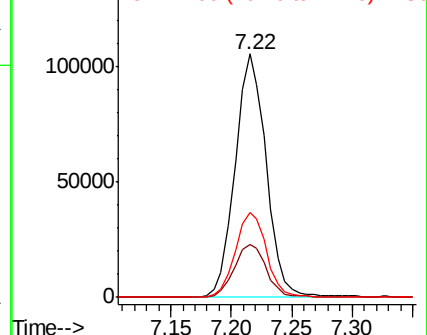
99 100

42 21.6 15.0 22.4

71 34.8 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



#17

2-Methylphenol

Concen: Below Cal

RT: 8.41 min Scan# 871

Delta R.T. -0.10 min

Lab File: BG038414.D

Acq: 7 Dec 2018 22:06

Tgt Ion: 107 Resp: 62

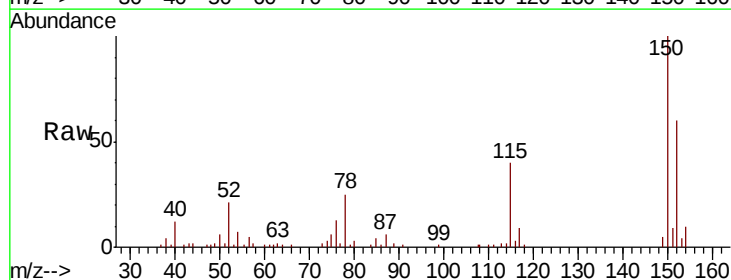
Ion Ratio Lower Upper

107 100

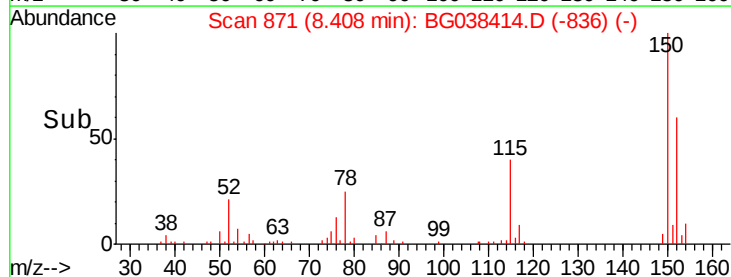
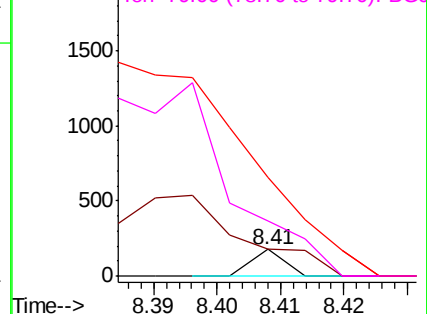
108 102.8 87.9 131.9

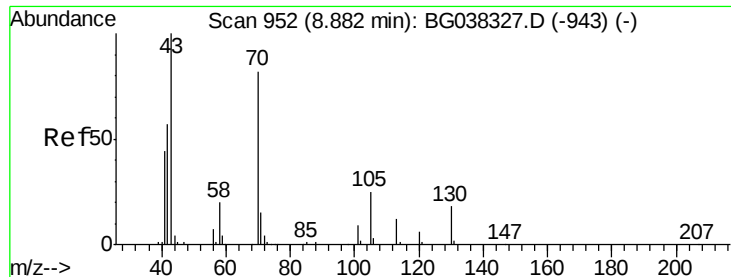
77 369.5 35.1 52.7#

79 206.2 34.5 51.7#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

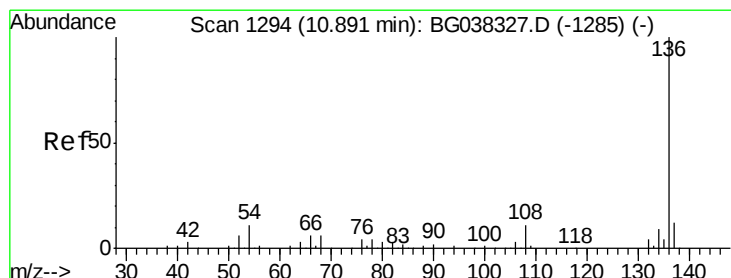
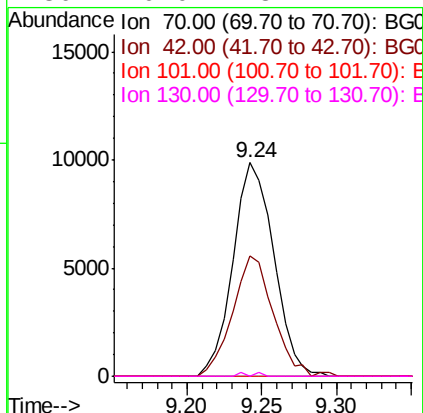
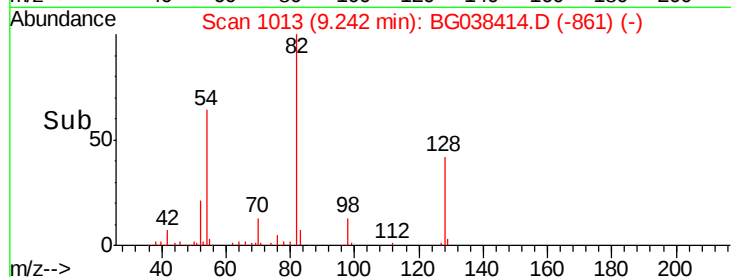
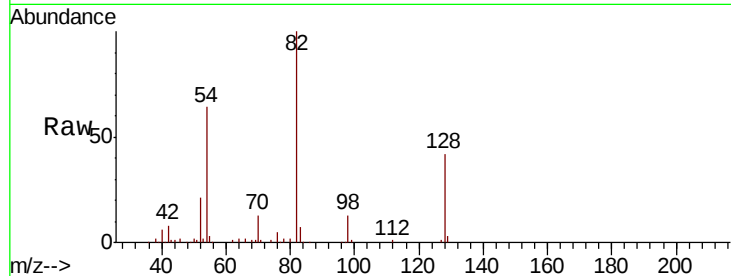




#19
n-Nitroso-di-n-propylamine
Concen: 9.905 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.36 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

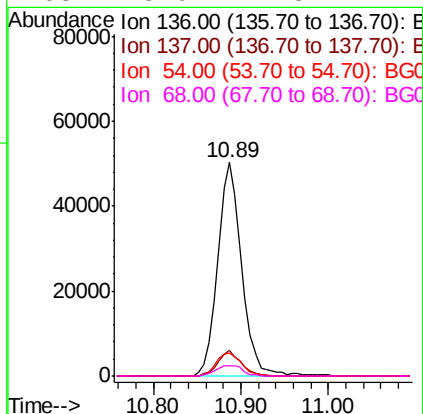
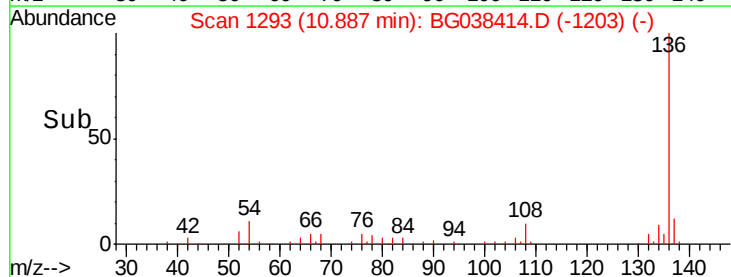
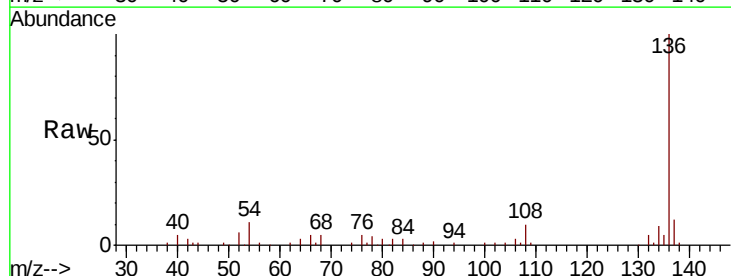
Instrument :
BNA_G
ClientSampleId :
VNJ-218

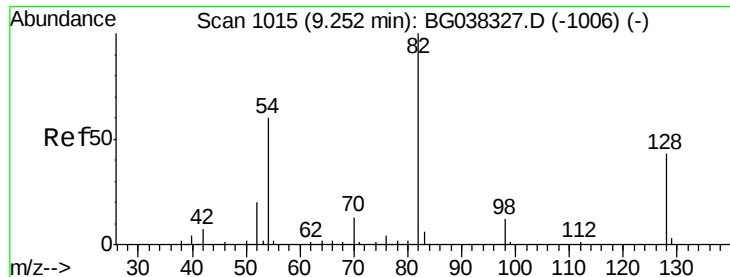
Tgt Ion: 70 Resp: 18855
Ion Ratio Lower Upper
70 100
42 56.4 53.9 80.9
101 0.0 8.2 12.2#
130 0.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

Tgt Ion: 136 Resp: 95137
Ion Ratio Lower Upper
136 100
137 12.2 9.6 14.4
54 11.1 7.9 11.9
68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 75.825 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG038414.D

Acq: 7 Dec 2018 22:06

Instrument :

BNA_G

ClientSampleId :

VNJ-218

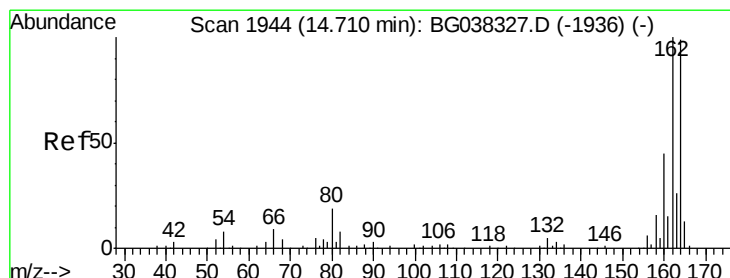
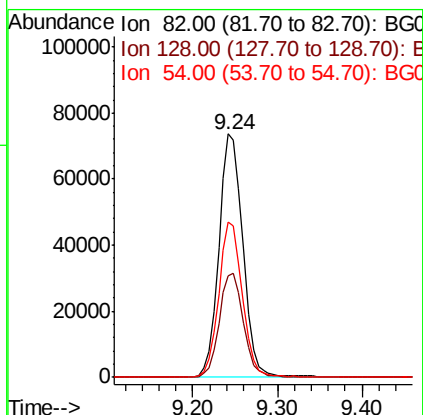
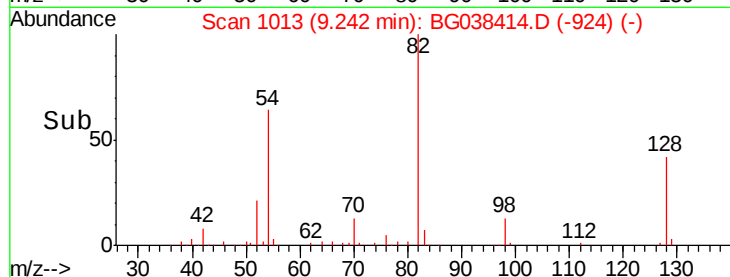
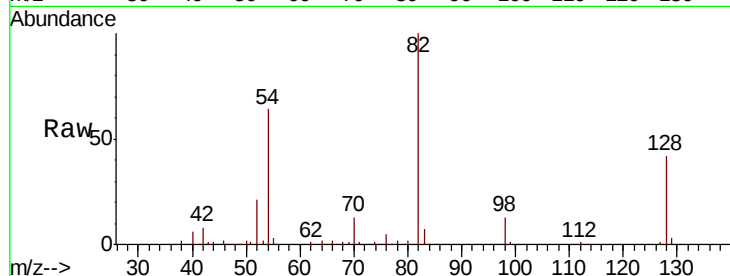
Tgt Ion: 82 Resp: 145299

Ion Ratio Lower Upper

82 100

128 41.8 34.6 51.8

54 63.7 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG038414.D

Acq: 7 Dec 2018 22:06

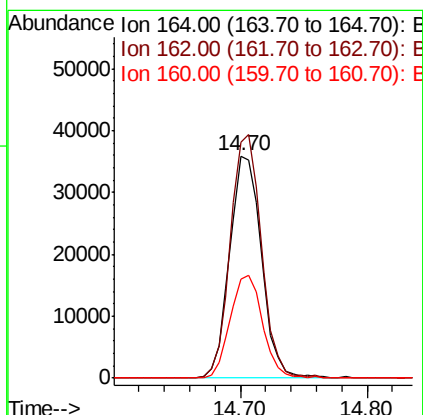
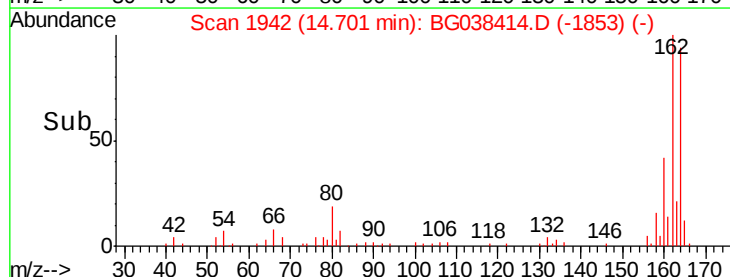
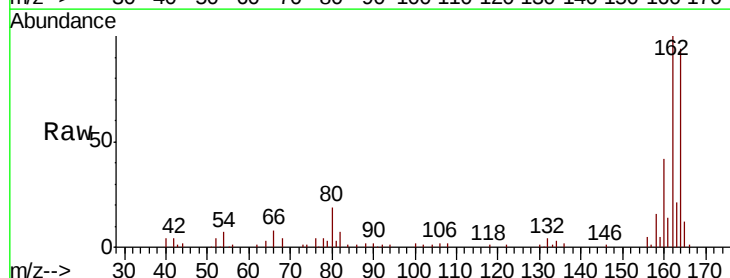
Tgt Ion: 164 Resp: 62215

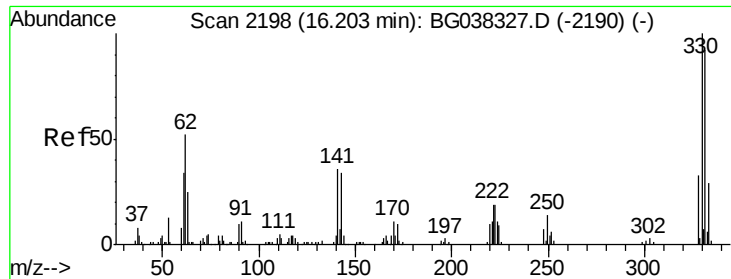
Ion Ratio Lower Upper

164 100

162 106.2 81.3 121.9

160 44.4 36.3 54.5

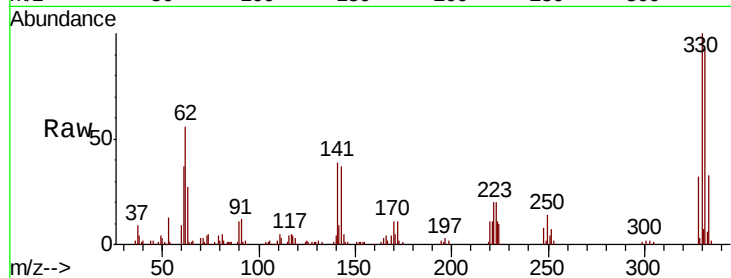




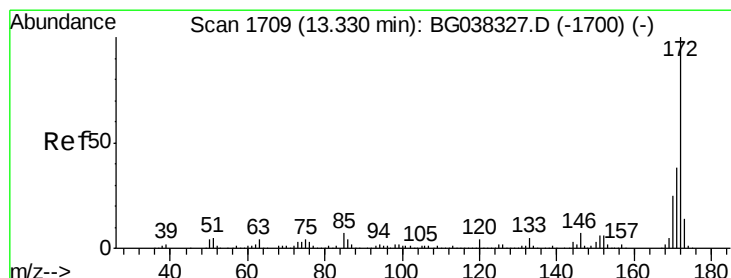
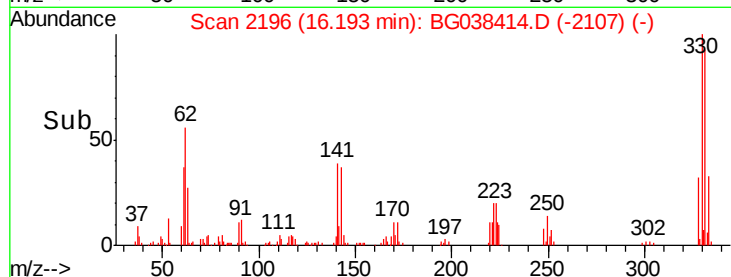
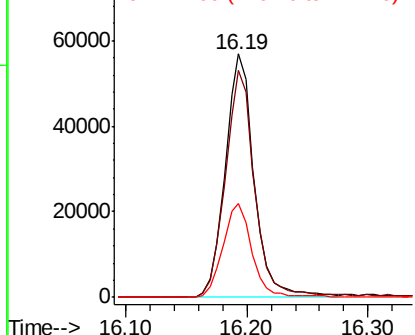
#42
 2,4,6-Tribromophenol
 Concen: 123.254 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038414.D
 Acq: 7 Dec 2018 22:06

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218

Tgt Ion:330 Resp: 94137
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.4 117.6
 141 39.0 32.2 48.2

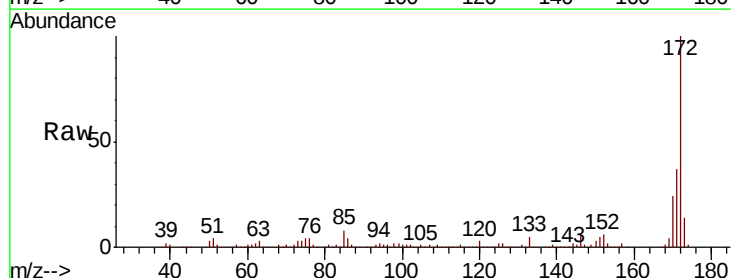


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

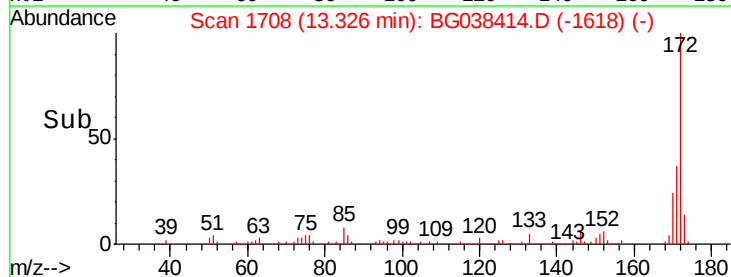
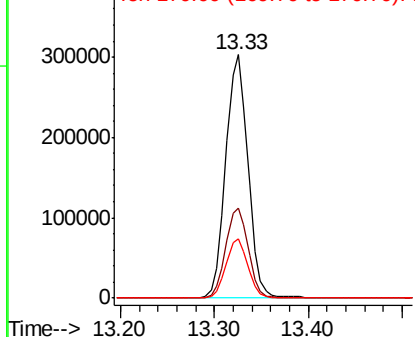


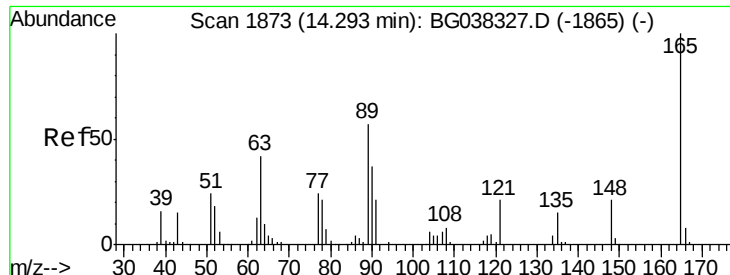
#45
 2-Fluorobiphenyl
 Concen: 114.335 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038414.D
 Acq: 7 Dec 2018 22:06

Tgt Ion:172 Resp: 499211
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.0 46.4
 170 24.5 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

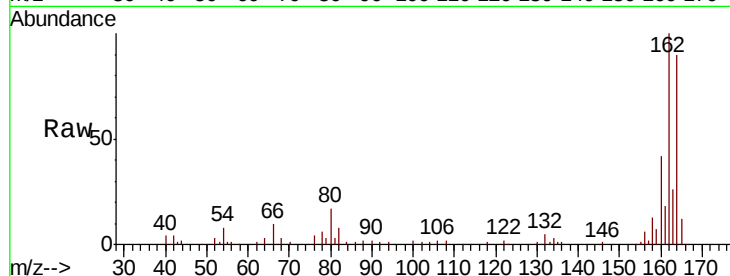




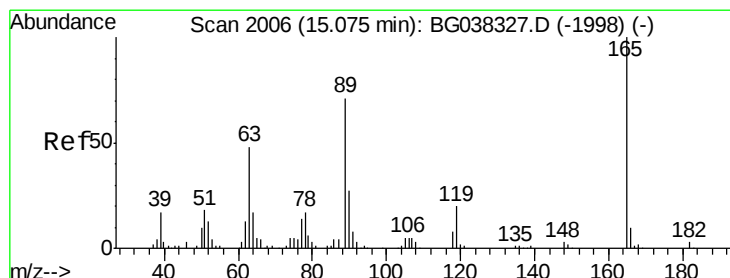
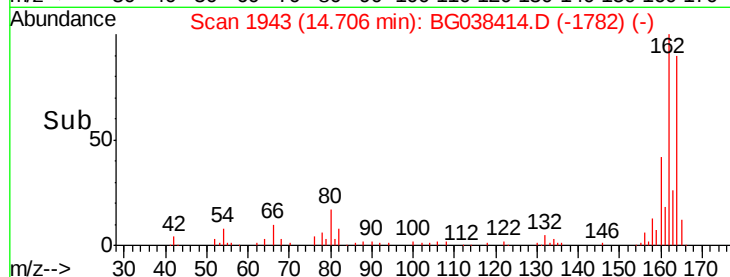
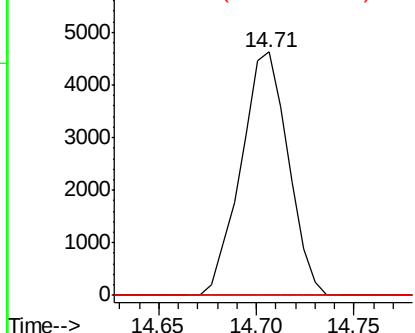
#51
 2,6-Dinitrotoluene
 Concen: 6.797 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038414.D
 Acq: 7 Dec 2018 22:06

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218

Tgt Ion:165 Resp: 7748
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#

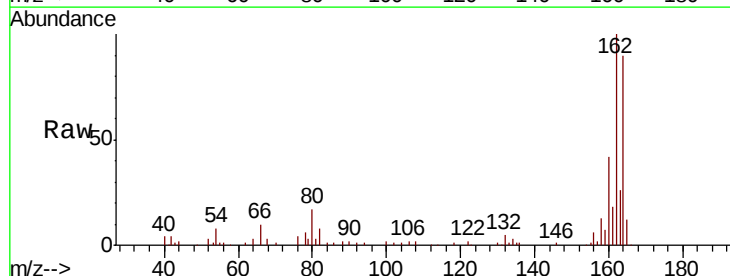


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

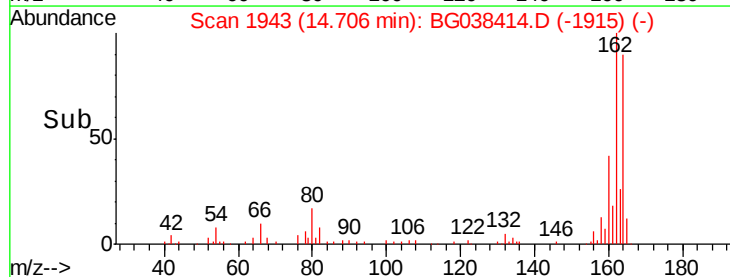
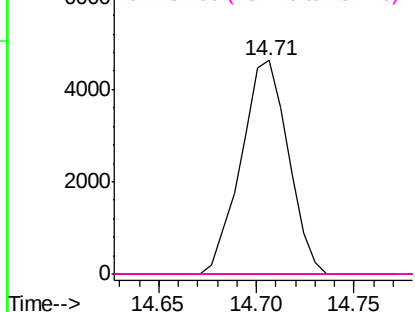


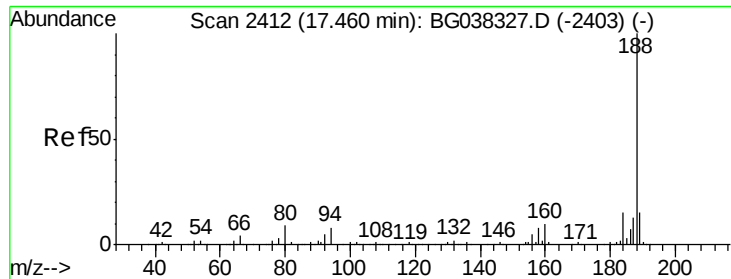
#57
 2,4-Dinitrotoluene
 Concen: 4.928 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038414.D
 Acq: 7 Dec 2018 22:06

Tgt Ion:165 Resp: 7748
 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#



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

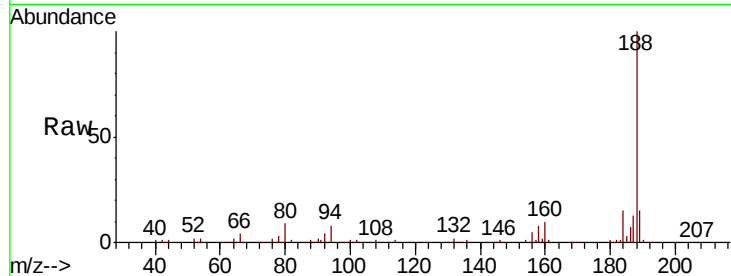




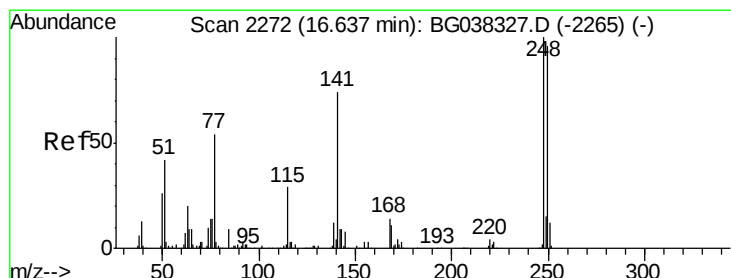
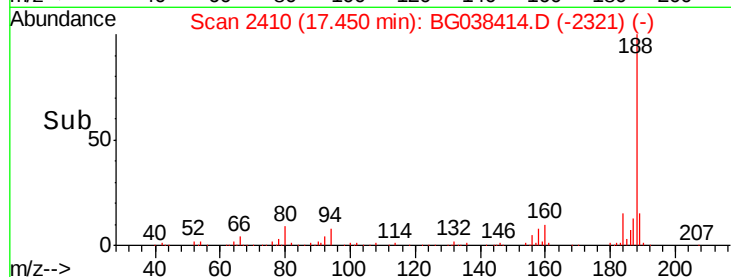
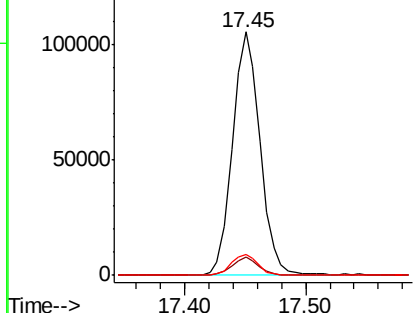
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

Instrument :
BNA_G
ClientSampled :
VNJ-218

Tgt Ion:188 Resp: 168261
Ion Ratio Lower Upper
188 100
94 7.7 7.2 10.8
80 8.6 7.7 11.5

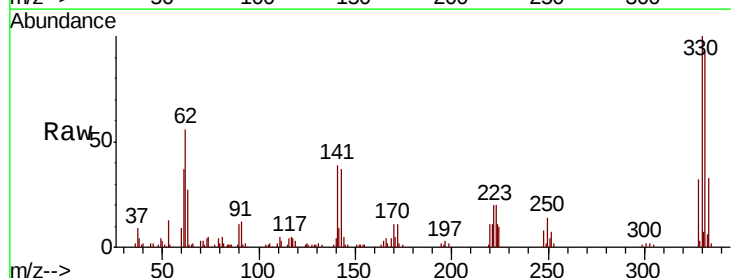


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

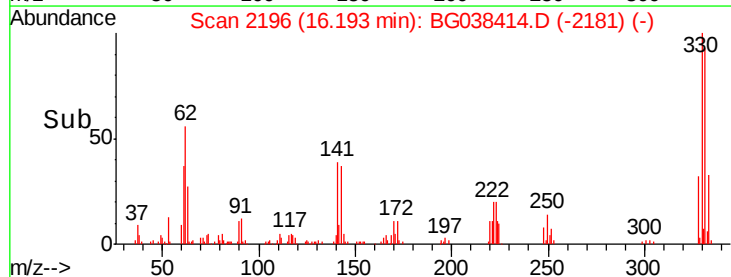
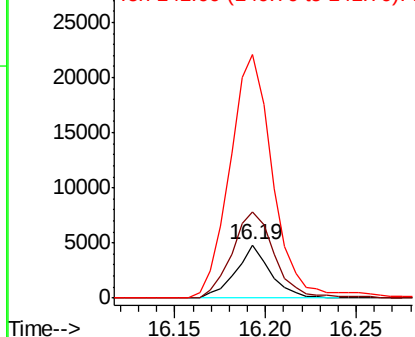


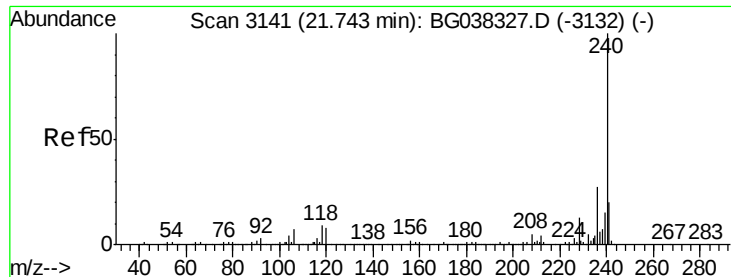
#67
4-Bromophenyl-phenylether
Concen: 3.533 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.44 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

Tgt Ion:248 Resp: 6419
Ion Ratio Lower Upper
248 100
250 169.1 77.0 115.6#
141 370.5 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

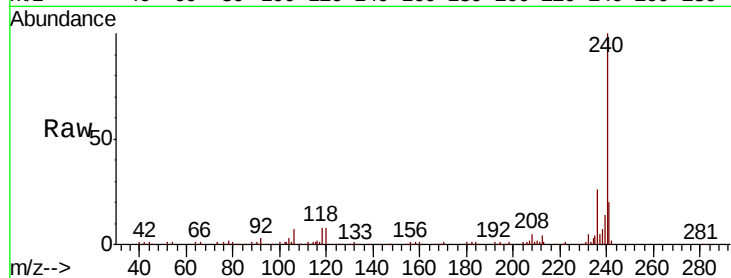




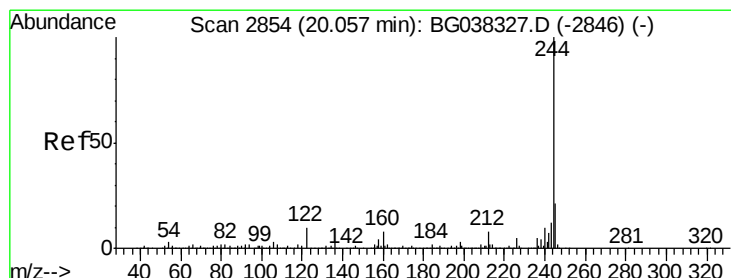
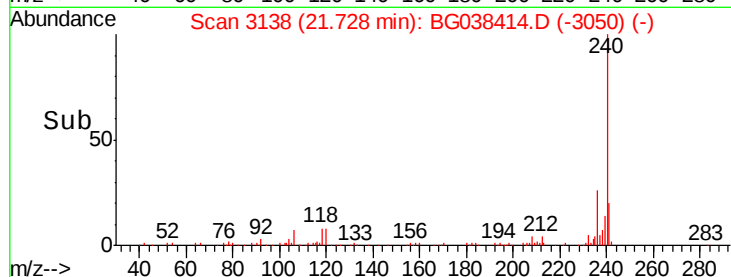
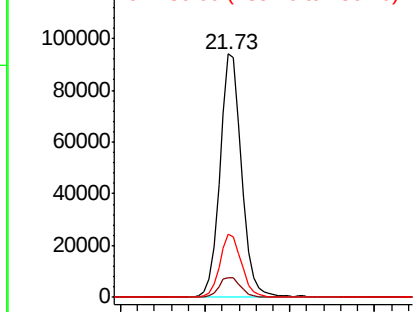
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

Instrument :
BNA_G
ClientSampleId :
VNJ-218

Tgt Ion:240 Resp: 167466
Ion Ratio Lower Upper
240 100
120 8.2 8.1 12.1
236 26.1 21.4 32.0

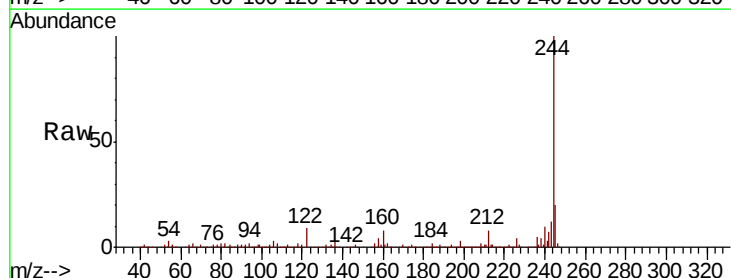


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

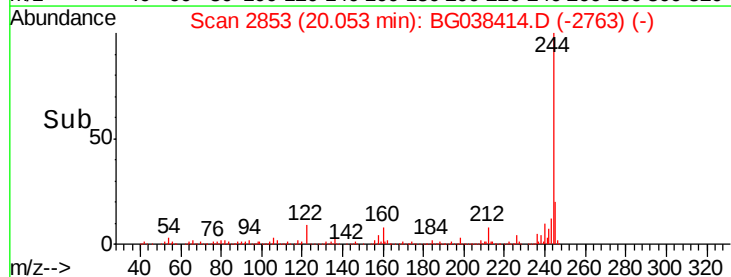
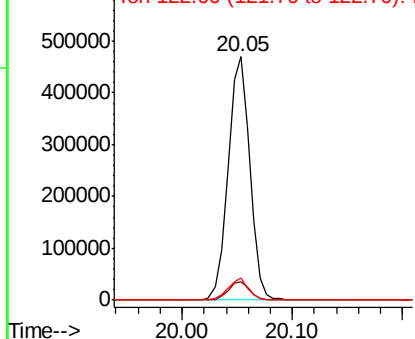


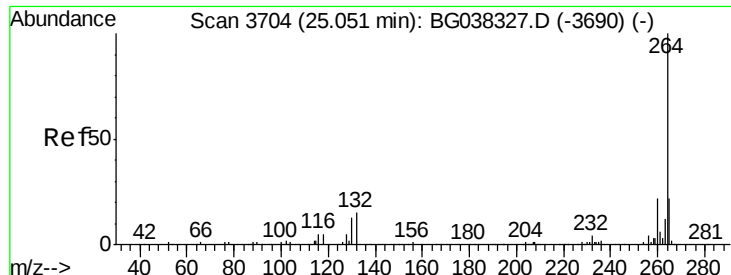
#79
Terphenyl-d14
Concen: 82.712 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

Tgt Ion:244 Resp: 646583
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 8.9 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: 25.04 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

Instrument :
BNA_G
ClientSampleId :
VNJ-218

Tgt Ion: 264 Resp: 170669
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.4
265 20.6 17.9 26.9

