

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046654.D
 Acq On : 17 Sep 2020 00:03
 Operator : CG/JU
 Sample : L4018-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-229

Quant Time: Sep 17 02:19:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 11:07:52 2020
 Response via : Initial Calibration

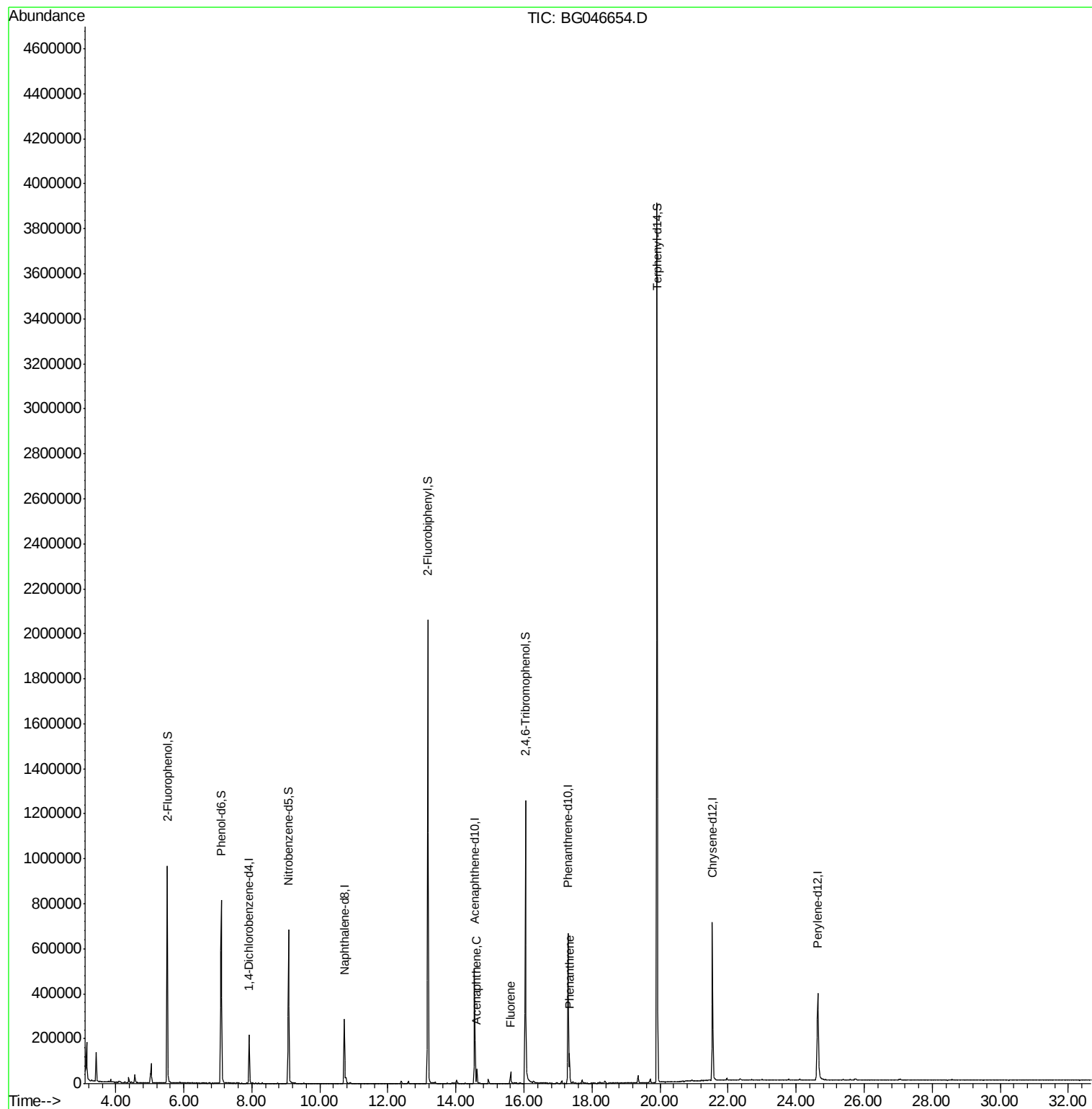
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	68155	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	280913	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	193349	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	441351	20.00	ng	0.00
76) Chrysene-d12	21.54	240	464284	20.00	ng	0.00
86) Perylene-d12	24.64	264	448943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	453047	117.74	ng	0.00
7) Phenol-d6	7.10	99	542994	99.54	ng	0.00
23) Nitrobenzene-d5	9.08	82	448434	91.24	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	285502	108.98	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1148957	90.71	ng	0.00
79) Terphenyl-d14	19.91	244	1746802	80.07	ng	0.00
Target Compounds						
52) Acenaphthene	14.61	154	25877	2.414	ng	95
58) Fluorene	15.61	166	30100	2.084	ng	97
71) Phenanthrene	17.34	178	91719	4.100	ng	96

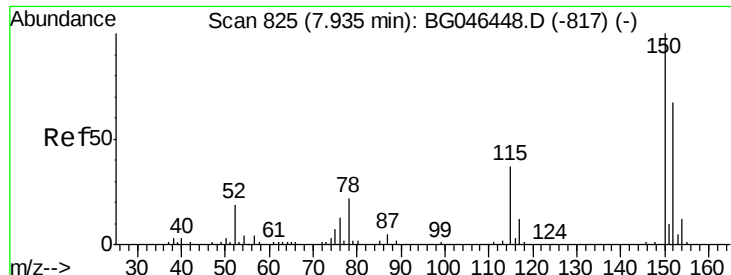
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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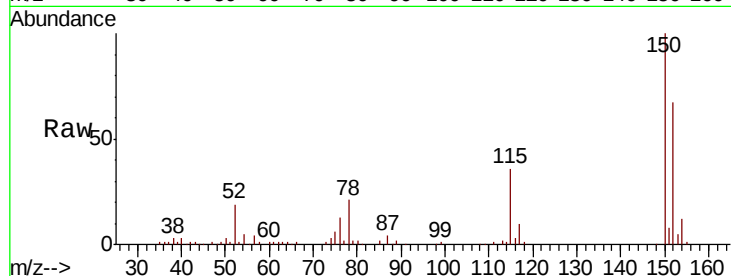


#1

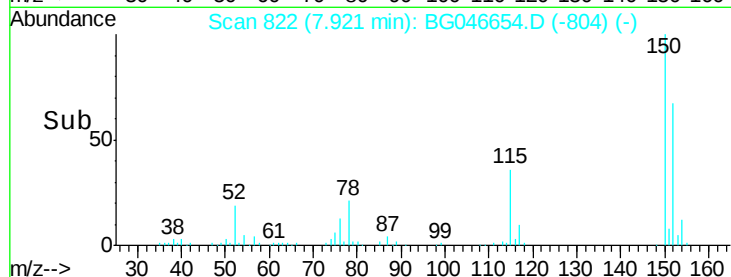
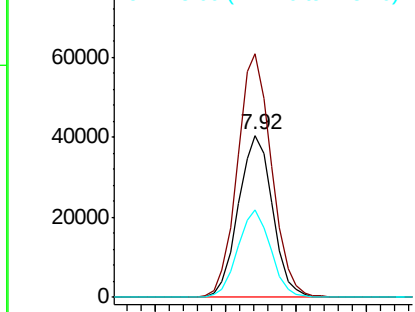
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG046654.D
Acq: 17 Sep 2020 00:03

Instrument :
BNA_G
ClientSampleId :
VNJ-229

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	125.0	187.6
115	53.6	41.8	62.6



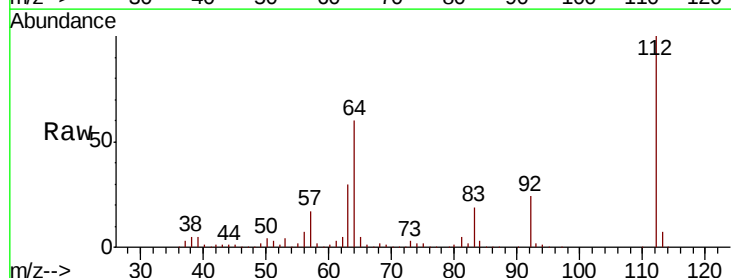
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



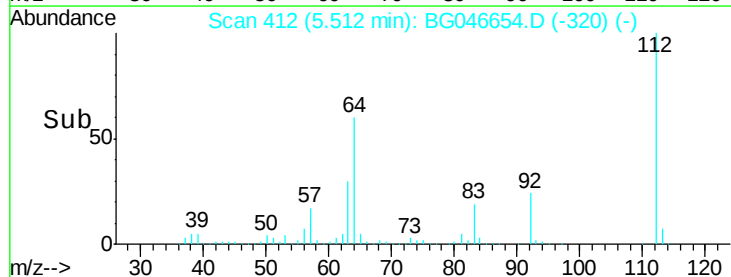
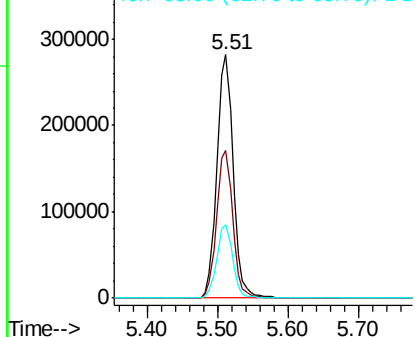
#5

2-Fluorophenol
Concen: 117.736 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046654.D
Acq: 17 Sep 2020 00:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	46.7	70.1
63	30.1	22.8	34.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG046654.D (-320) (-)
Ion 63.00 (62.70 to 63.70): BG046654.D (-320) (-)





#7

Phenol-d6

Concen: 99.542 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046654.D

Acq: 17 Sep 2020 00:03

Instrument :

BNA_G

ClientSampleId :

VNJ-229

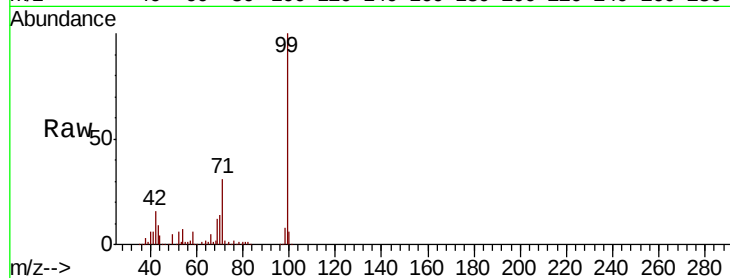
Tot Ion: 99 Resp: 542994

Ion Ratio Lower Upper

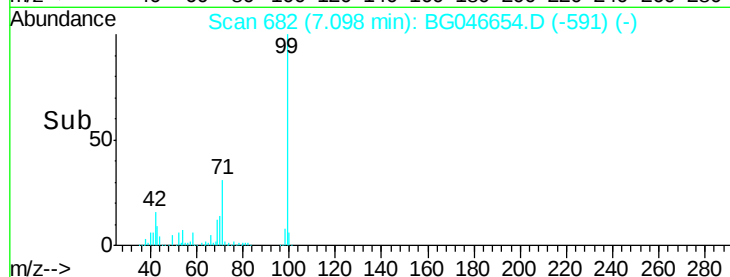
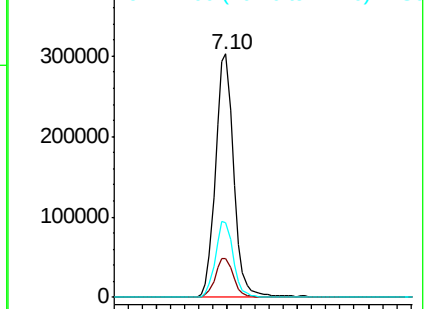
99 100

42 16.0 12.8 19.2

71 30.8 24.6 36.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG046654.D

Acq: 17 Sep 2020 00:03

Tgt Ion: 136 Resp: 280913

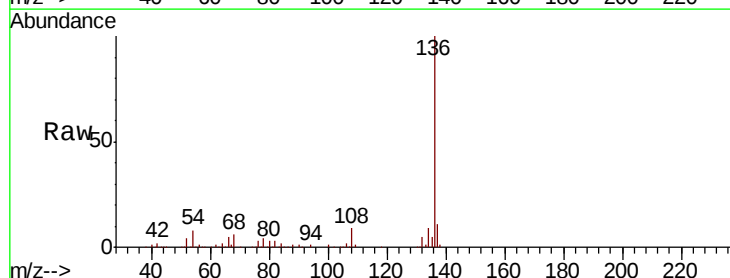
Ion Ratio Lower Upper

136 100

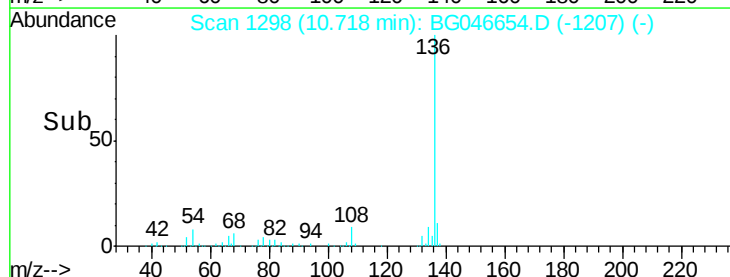
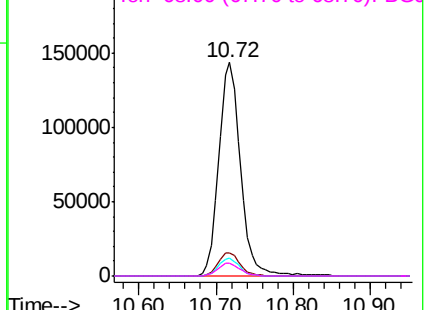
137 10.9 9.1 13.7

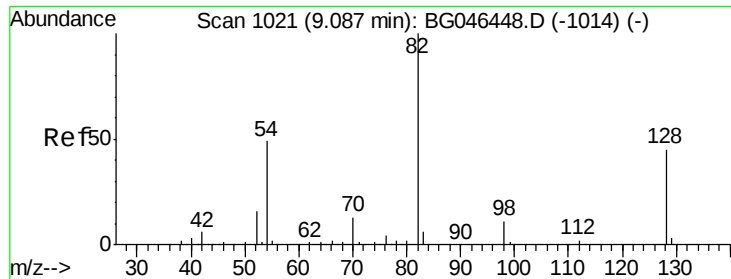
54 8.2 6.2 9.4

68 6.1 5.0 7.4



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

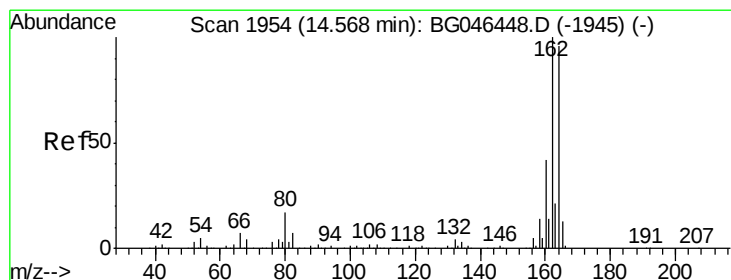
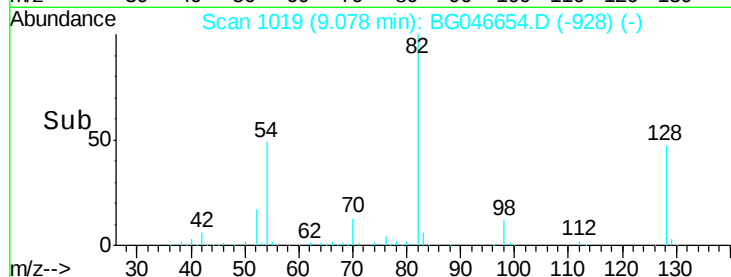
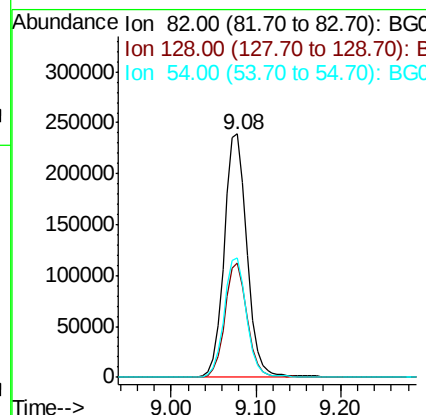
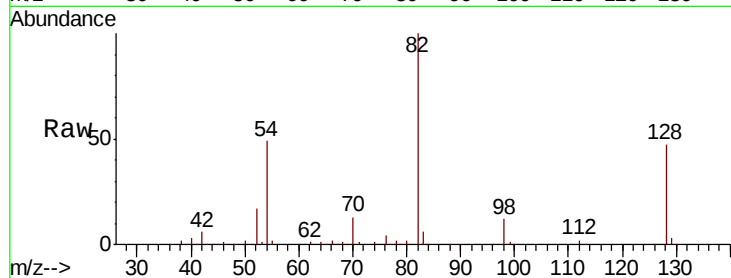




#23
 Nitrobenzene-d5
 Concen: 91.239 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG046654.D
 Acq: 17 Sep 2020 00:03

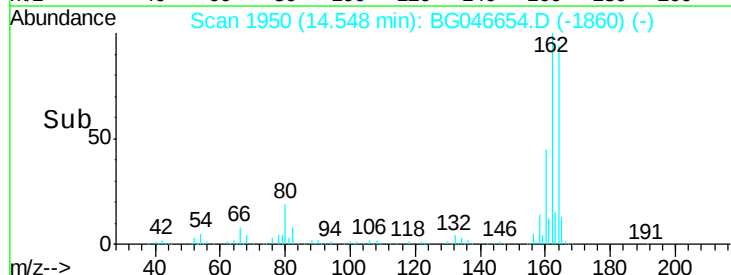
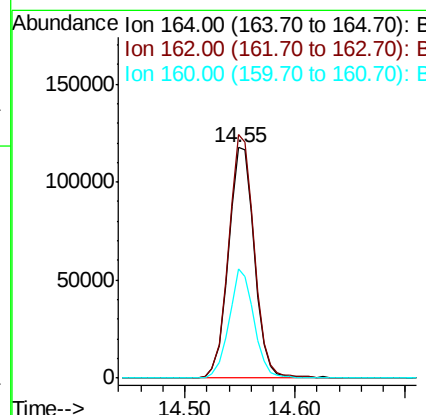
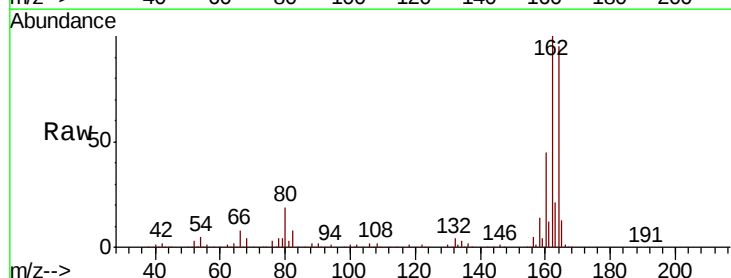
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-229

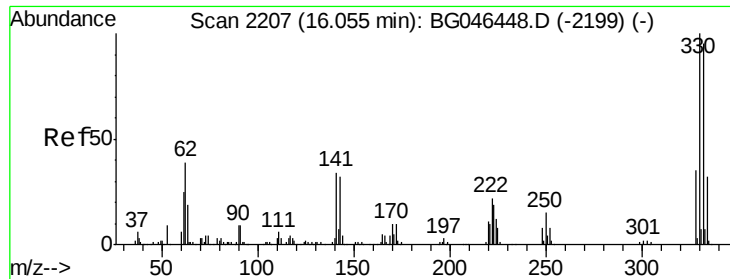
Tot Ion: 82 Resp: 448434
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.0 55.6
 54 49.1 39.0 58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BG046654.D
 Acq: 17 Sep 2020 00:03

Tgt Ion: 164 Resp: 193349
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.3 123.5
 160 47.2 35.3 52.9

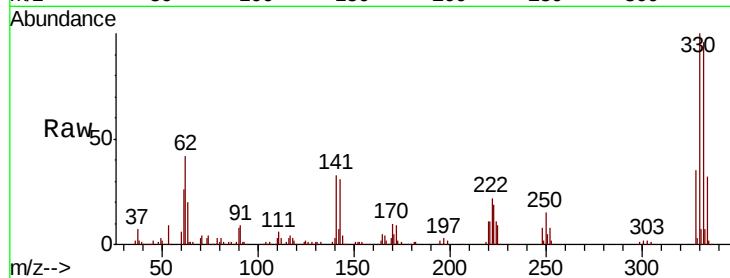




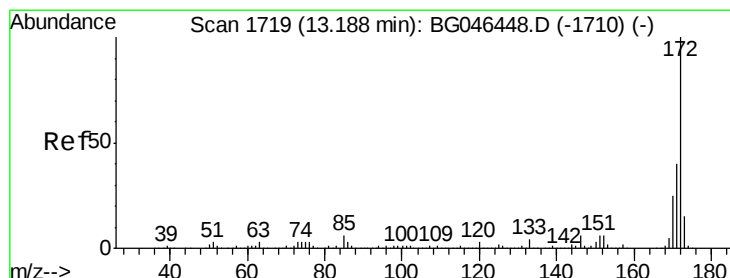
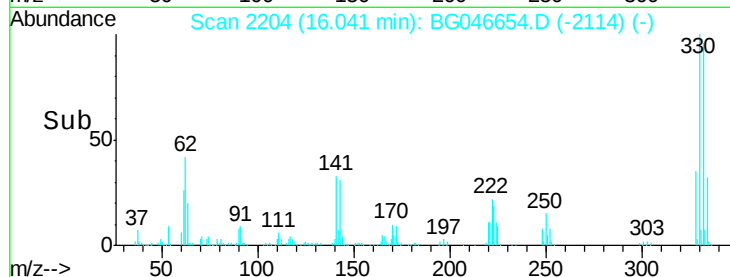
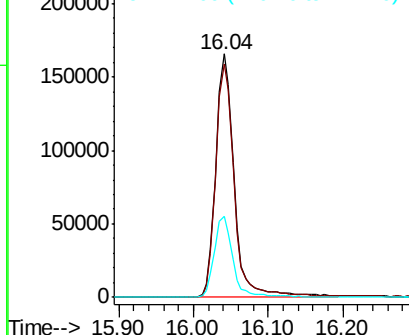
#42
 2,4,6-Tribromophenol
 Concen: 108.981 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG046654.D
 Acq: 17 Sep 2020 00:03

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-229

Tot Ion:330 Resp: 285502
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.5 114.7
 141 33.5 26.0 39.0

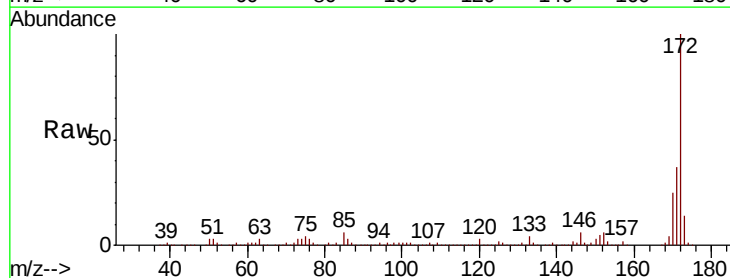


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

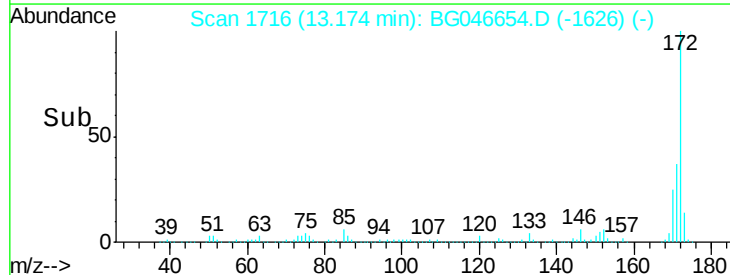
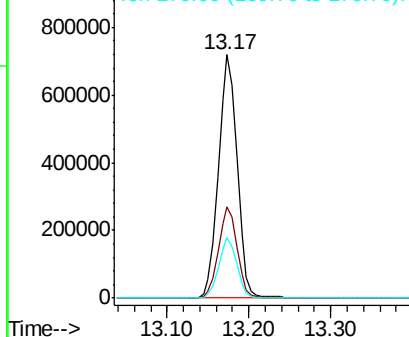


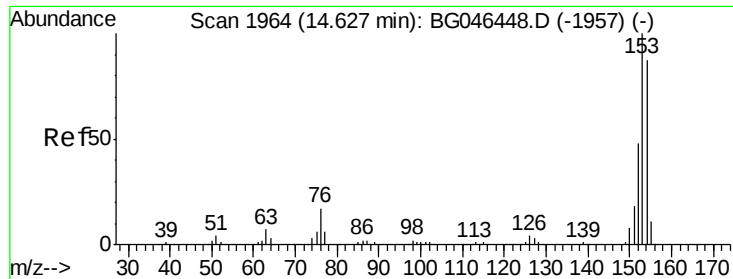
#45
 2-Fluorobiphenyl
 Concen: 90.714 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG046654.D
 Acq: 17 Sep 2020 00:03

Tgt Ion:172 Resp: 1148957
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.3 46.9
 170 25.0 20.8 31.2



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





#52

Acenaphthene

Concen: 2.414 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG046654.D

Acq: 17 Sep 2020 00:03

Instrument :

BNA_G

ClientSampleId :

VNJ-229

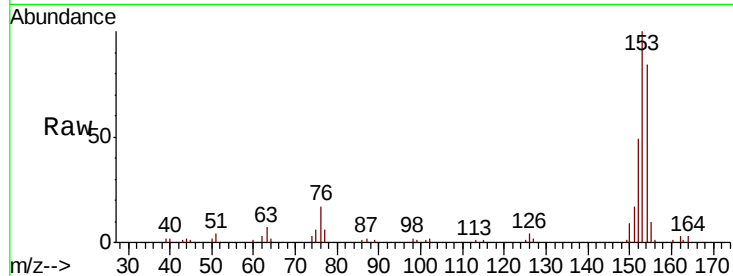
Tot Ion:154 Resp: 25877

Ion Ratio Lower Upper

154 100

153 119.2 90.3 135.5

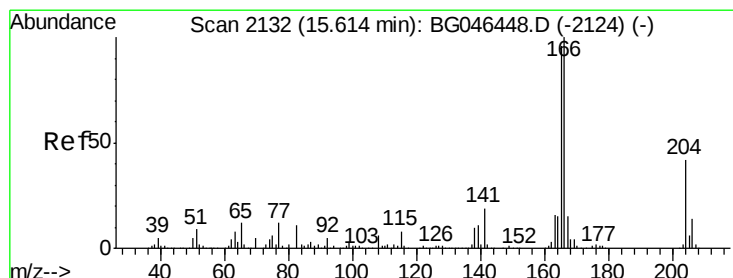
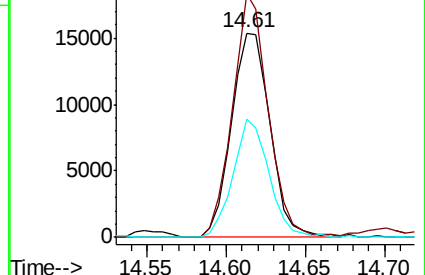
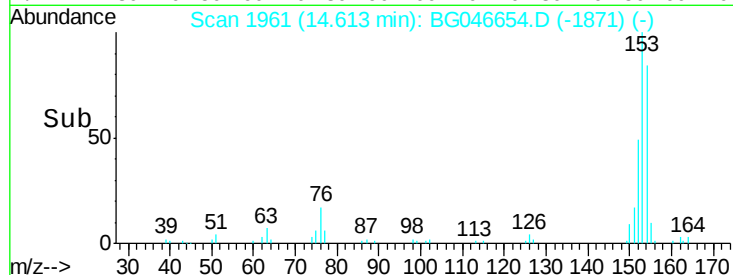
152 58.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 2.084 ng

RT: 15.61 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BG046654.D

Acq: 17 Sep 2020 00:03

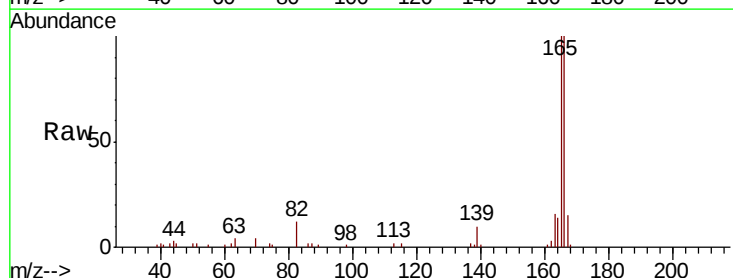
Tgt Ion:166 Resp: 30100

Ion Ratio Lower Upper

166 100

165 100.1 77.2 115.8

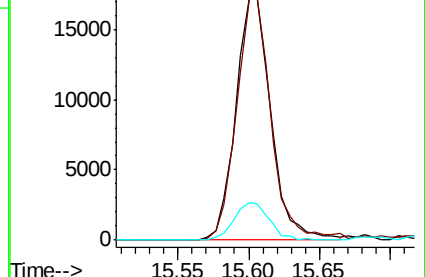
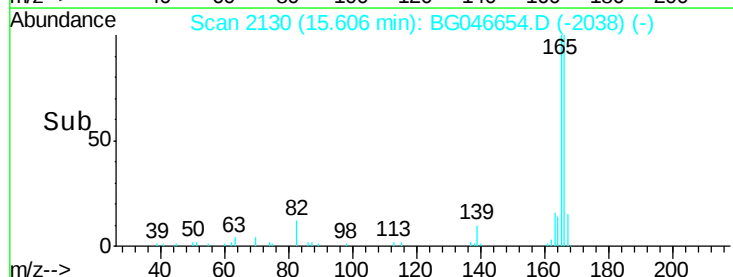
167 14.8 11.4 17.2

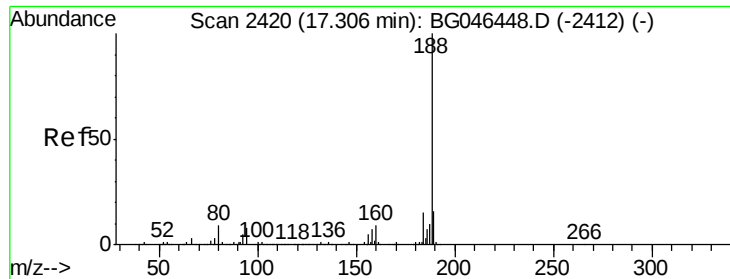


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG046654.D

Acq: 17 Sep 2020 00:03

Instrument :

BNA_G

ClientSampleId :

VNJ-229

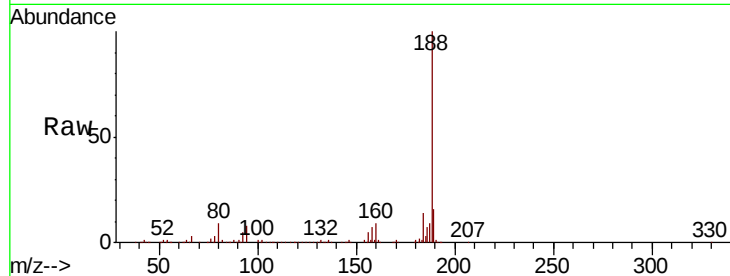
Tot Ion:188 Resp: 441351

Ion Ratio Lower Upper

188 100

94 8.0 6.3 9.5

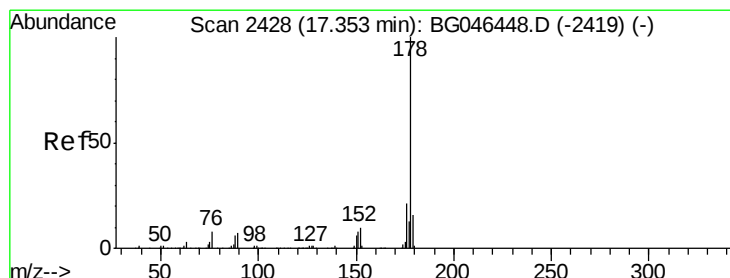
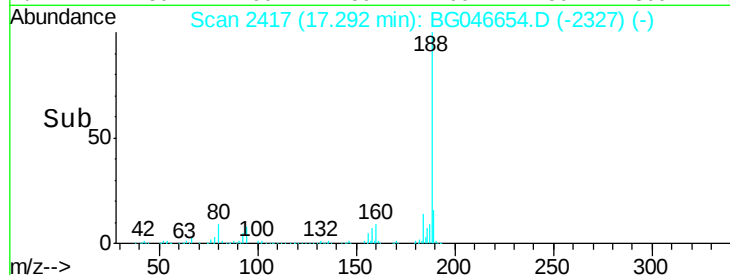
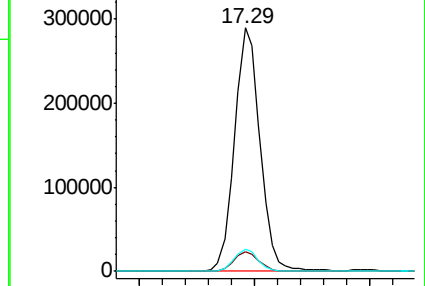
80 8.9 7.0 10.6



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



#71

Phenanthrene

Concen: 4.100 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG046654.D

Acq: 17 Sep 2020 00:03

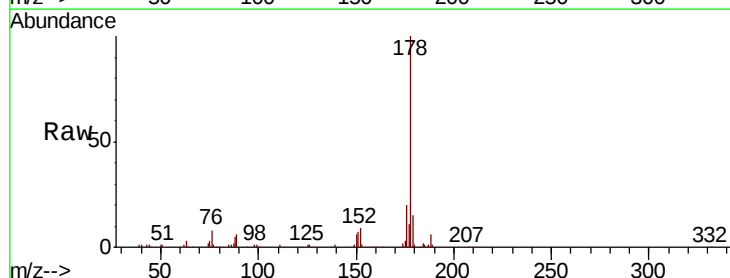
Tgt Ion:178 Resp: 91719

Ion Ratio Lower Upper

178 100

176 19.7 16.7 25.1

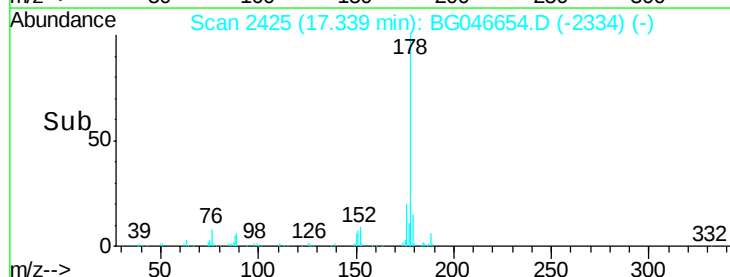
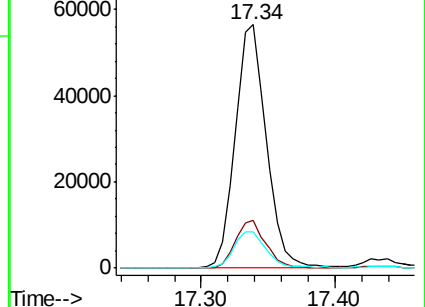
179 14.8 14.0 21.0

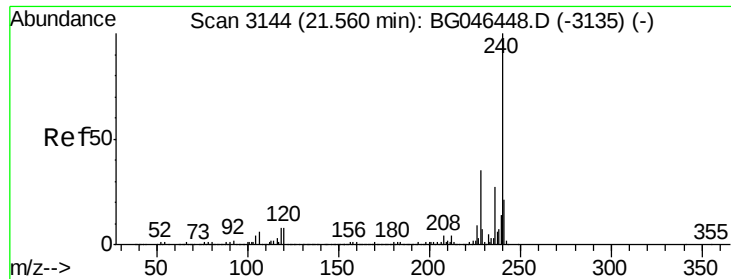


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

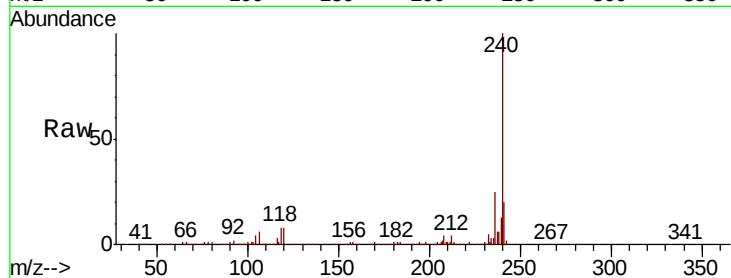




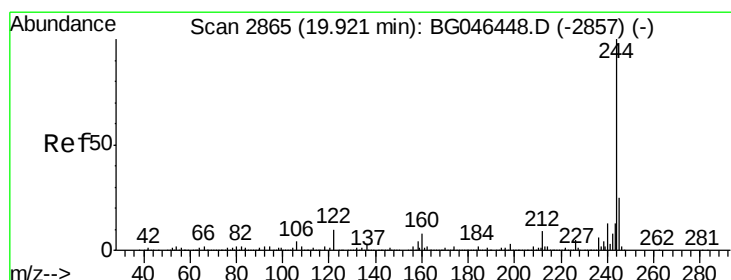
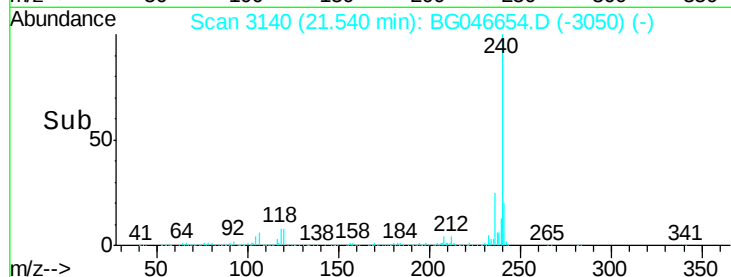
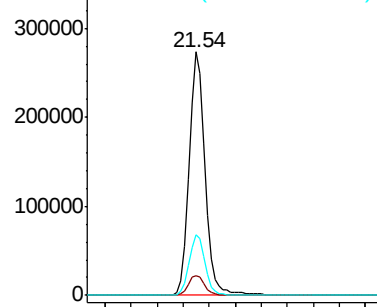
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046654.D
Acq: 17 Sep 2020 00:03

Instrument :
BNA_G
ClientSampleId :
VNJ-229

Tot Ion:240 Resp: 464284
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.4
236 25.0 20.5 30.7

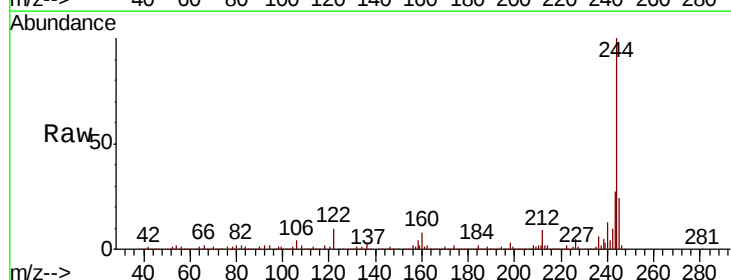


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

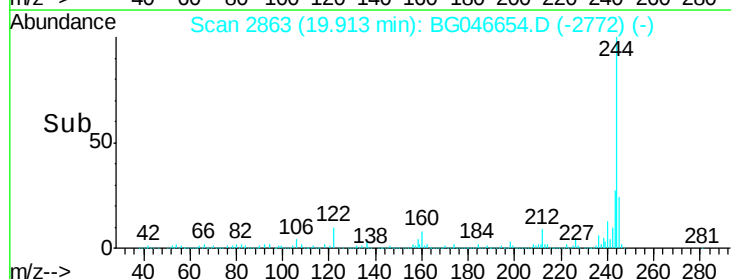
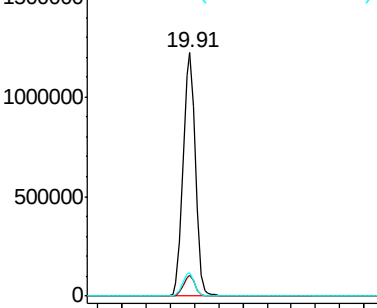


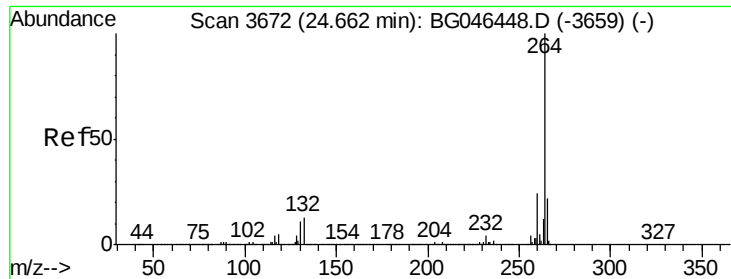
#79
Terphenyl-d14
Concen: 80.070 ng
RT: 19.91 min Scan# 2863
Delta R.T. 0.00 min
Lab File: BG046654.D
Acq: 17 Sep 2020 00:03

Tgt Ion:244 Resp: 1746802
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 9.7 7.8 11.6



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

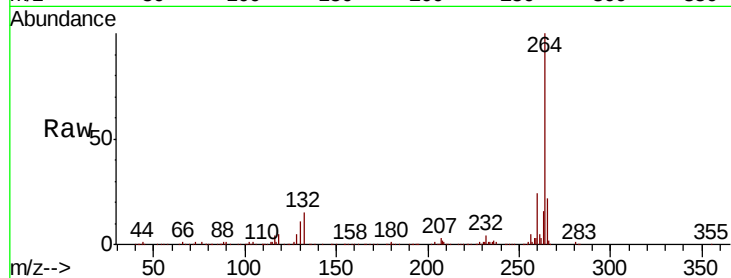




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.64 min Scan# 3667
 Delta R.T. 0.00 min
 Lab File: BG046654.D
 Acq: 17 Sep 2020 00:03

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-229

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.8	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

