

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
 Data File : BG044789.D
 Acq On : 14 Mar 2020 8:09
 Operator : CG/JU
 Sample : L1902-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-229-13

Quant Time: Mar 16 01:33:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	113767	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	452510	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	304244	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	634040	20.00	ng	0.00
76) Chrysene-d12	21.70	240	519418	20.00	ng	-0.01
87) Perylene-d12	24.91	264	580678	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	679047	92.92	ng	0.00
7) Phenol-d6	7.21	99	848154	79.88	ng	0.00
23) Nitrobenzene-d5	9.21	82	768540	74.53	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	443306	111.28	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1548058	72.86	ng	0.00
79) Terphenyl-d14	20.04	244	2109348	75.96	ng	0.00

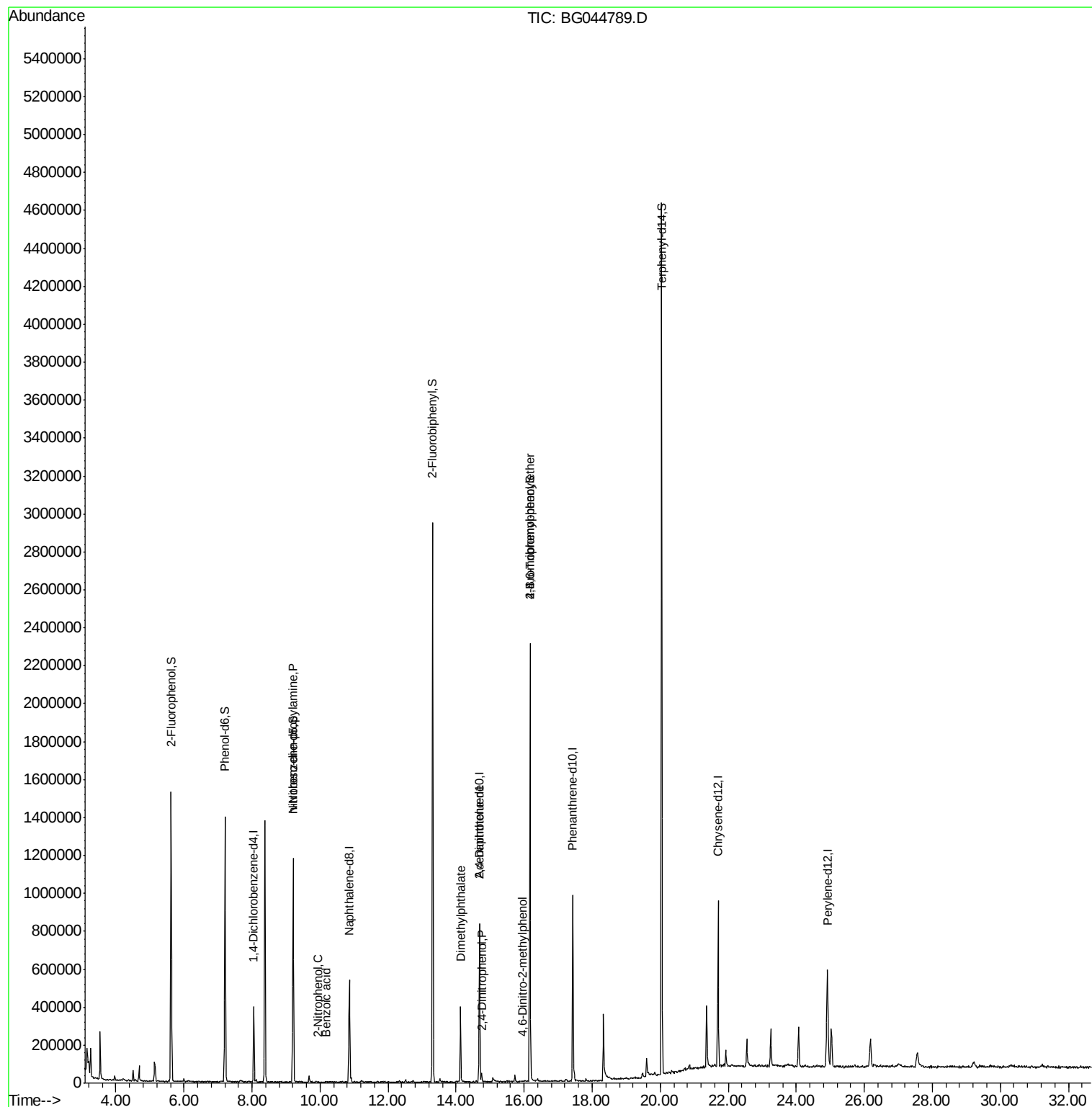
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.18	77	187	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.21	70	103872	13.85	ng	71
26) 2-Nitrophenol	9.94	139	55	5.53	ng	28
32) Benzoic acid	10.18	122	63	9.68	ng	1
50) Dimethylphthalate	14.13	163	270438	11.16	ng	96
54) 2,4-Dinitrophenol	14.76	184	81	8.35	ng	1
57) 2,4-Dinitrotoluene	14.68	165	39445	5.89	ng	18
65) 4,6-Dinitro-2-methylphenol	15.95	198	75	7.75	ng	35
67) 4-Bromophenyl-phenylether	16.17	248	31186	3.93	ng	1

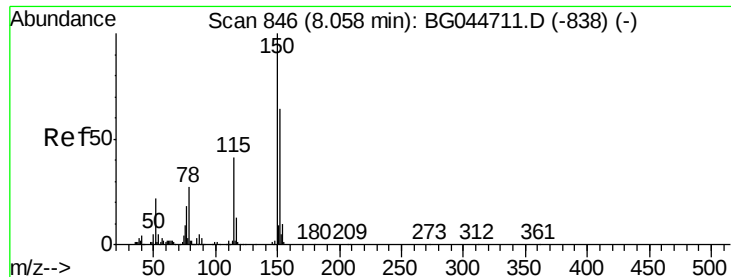
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044789.D
Acq On : 14 Mar 2020 8:09
Operator : CG/JU
Sample : L1902-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

Quant Time: Mar 16 01:33:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration



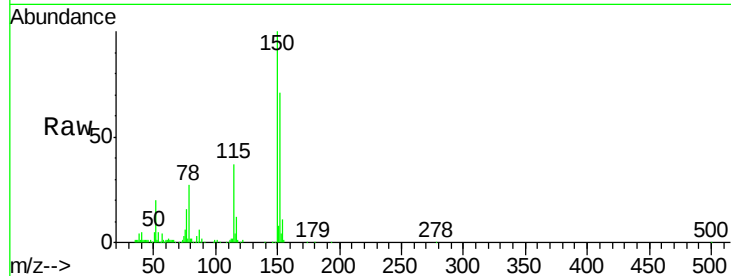


#1

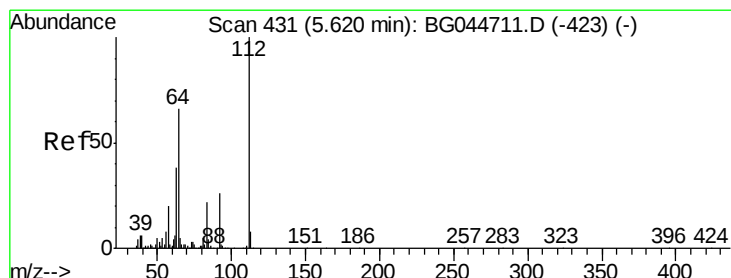
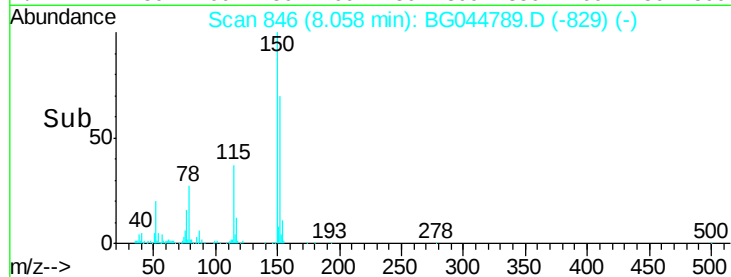
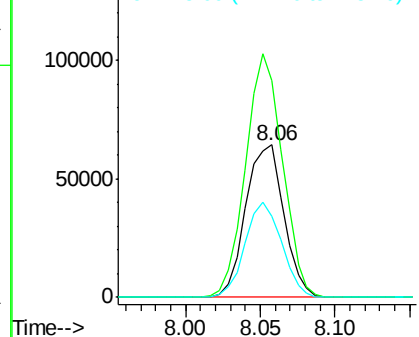
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG044789.D
Acq: 14 Mar 2020 8:09

Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.8	125.3	187.9
115	52.9	51.7	77.5



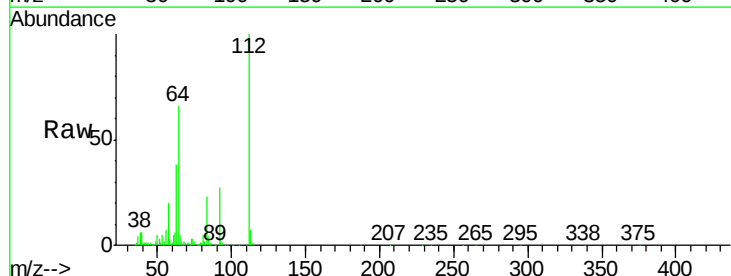
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



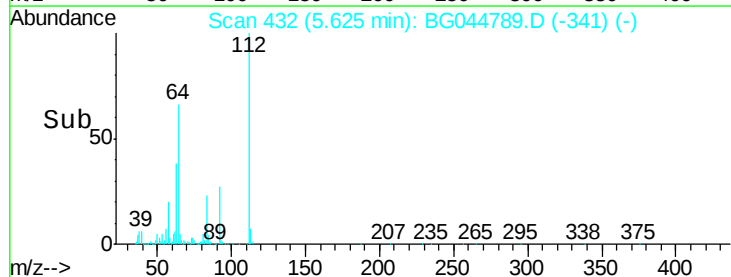
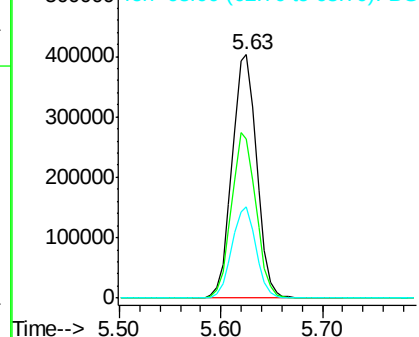
#5

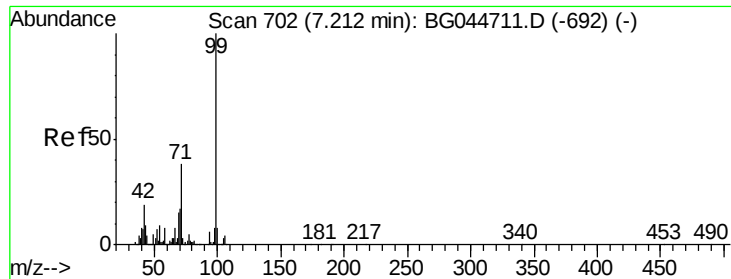
2-Fluorophenol
Concen: 92.92 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044789.D
Acq: 14 Mar 2020 8:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	52.6	78.8
63	37.7	30.2	45.4



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: 79.88 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044789.D

Acq: 14 Mar 2020 8:09

Instrument :

BNA_G

ClientSampleId :

VNJ-229-13

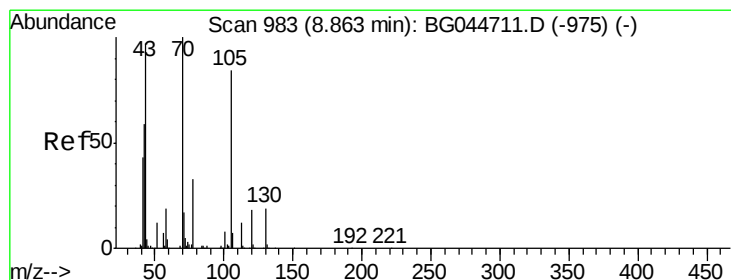
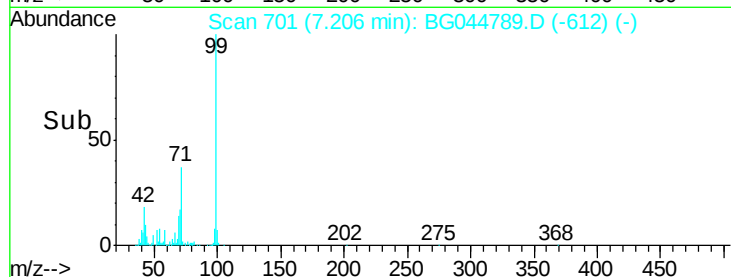
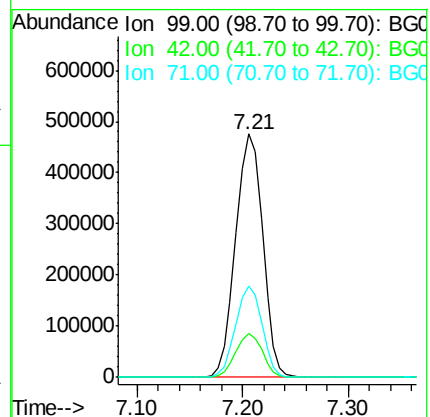
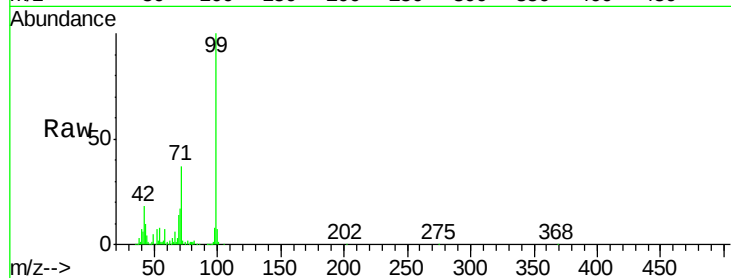
Tgt Ion: 99 Resp: 848154

Ion Ratio Lower Upper

99 100

42 17.9 15.4 23.0

71 37.4 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.85 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.35 min

Lab File: BG044789.D

Acq: 14 Mar 2020 8:09

Tgt Ion: 70 Resp: 103872

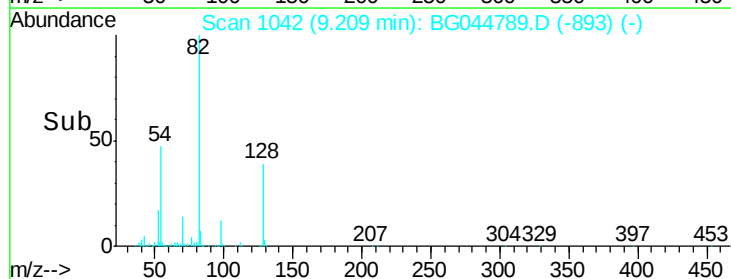
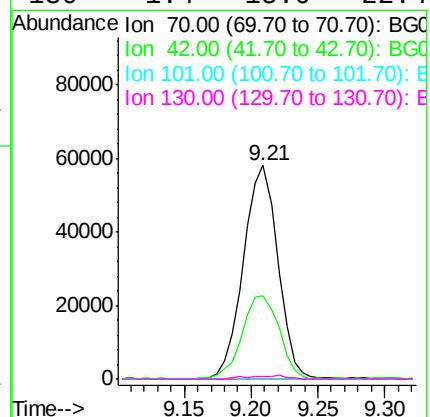
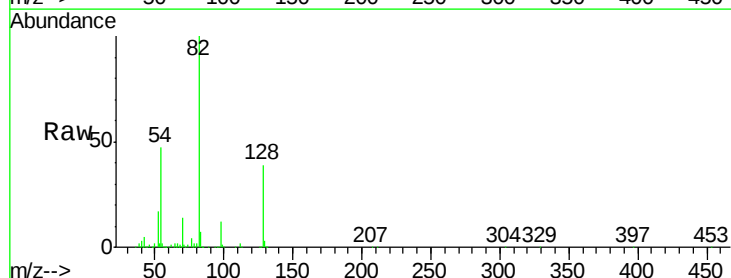
Ion Ratio Lower Upper

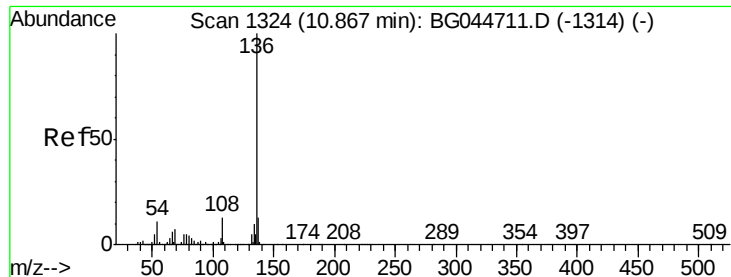
70 100

42 39.1 47.6 71.4#

101 0.0 6.5 9.7#

130 1.4 15.0 22.4#

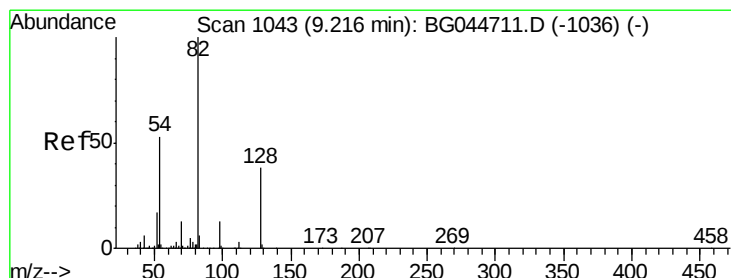
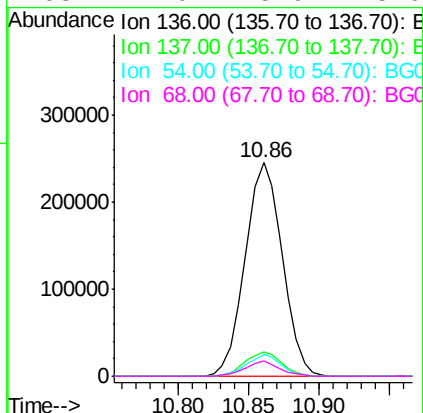
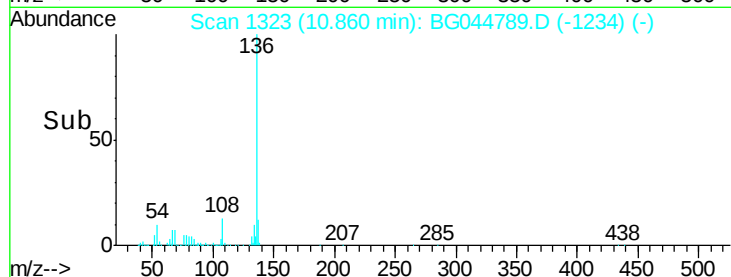
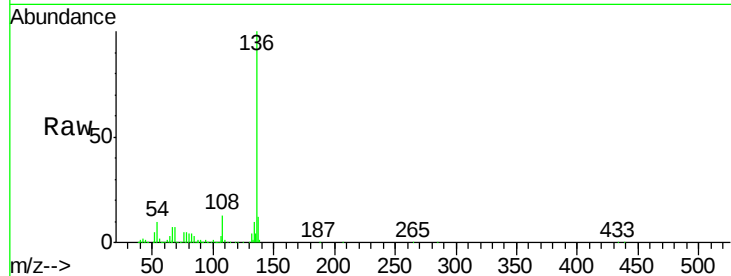




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044789.D
Acq: 14 Mar 2020 8:09

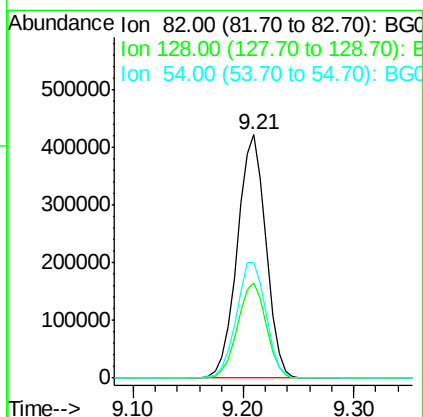
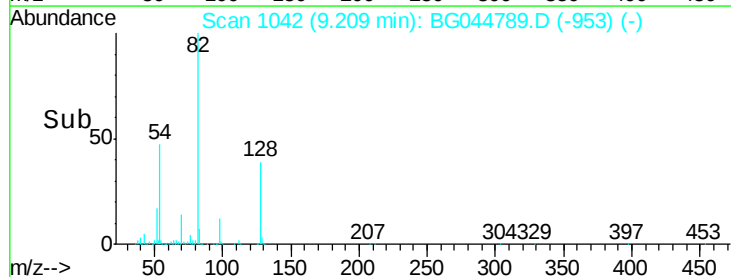
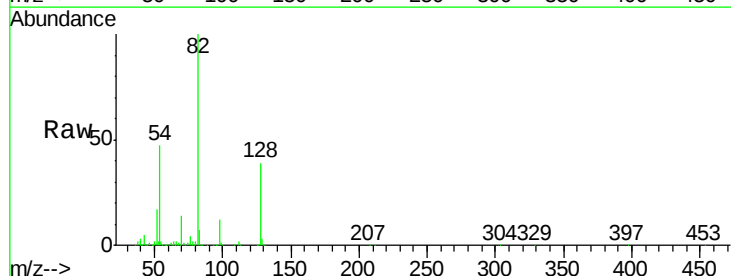
Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

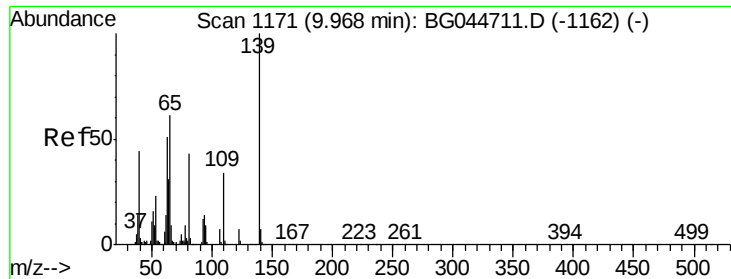
Tgt Ion:	136	Resp:	452510
Ion	Ratio	Lower	Upper
136	100		
137	11.5	10.7	16.1
54	10.3	9.0	13.4
68	7.0	5.9	8.9



#23
Nitrobenzene-d5
Concen: 74.53 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044789.D
Acq: 14 Mar 2020 8:09

Tgt Ion:	82	Resp:	768540
Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.2	45.2
54	47.4	41.8	62.8

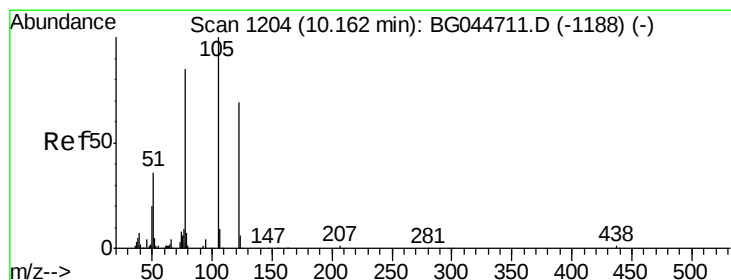
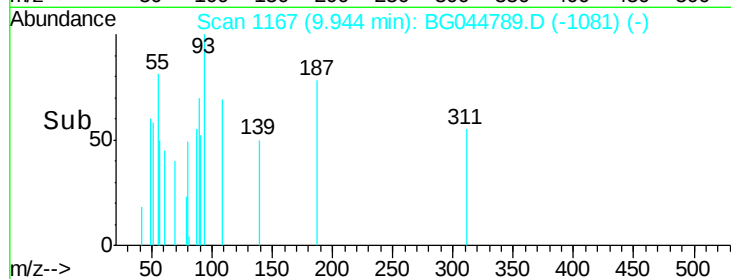
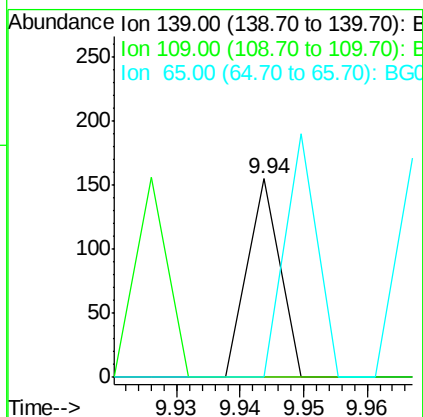
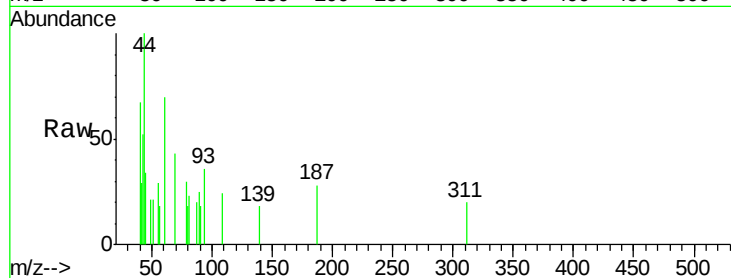




#26
2-Nitrophenol
Concen: 5.53 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG044789.D
Acq: 14 Mar 2020 8:09

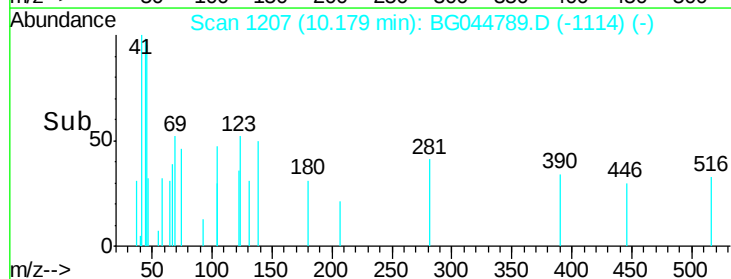
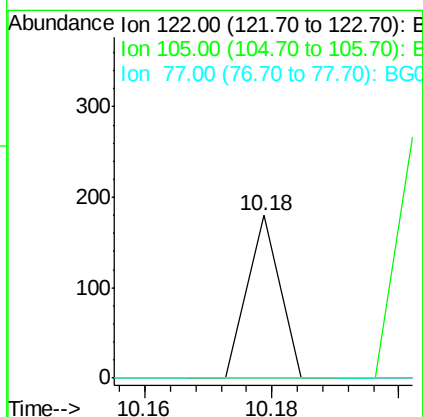
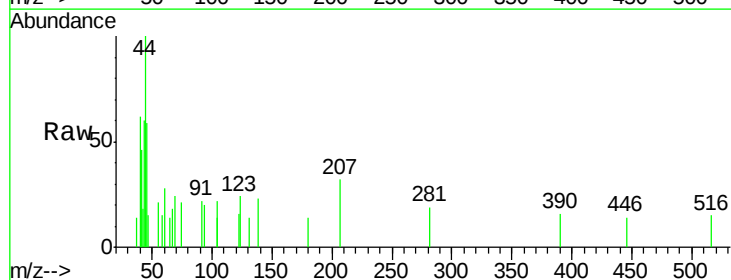
Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

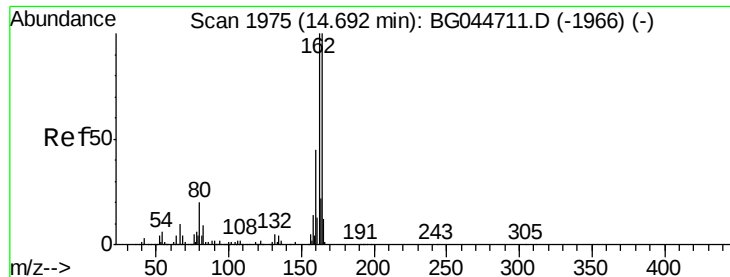
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.0	40.4#
65	0.0	48.6	73.0#



#32
Benzoic acid
Concen: 9.68 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG044789.D
Acq: 14 Mar 2020 8:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	119.0	159.0#
77	0.0	96.4	136.4#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044789.D

Acq: 14 Mar 2020 8:09

Instrument :

BNA_G

ClientSampleId :

VNJ-229-13

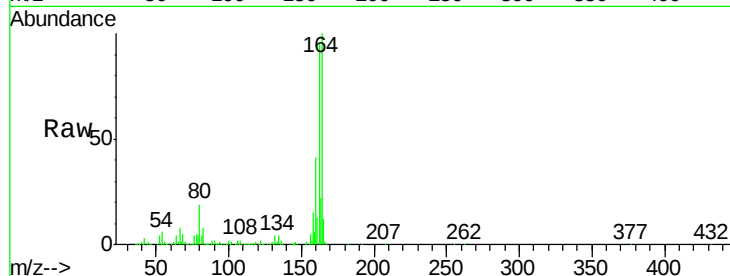
Tgt Ion:164 Resp: 304244

Ion Ratio Lower Upper

164 100

162 95.9 80.2 120.4

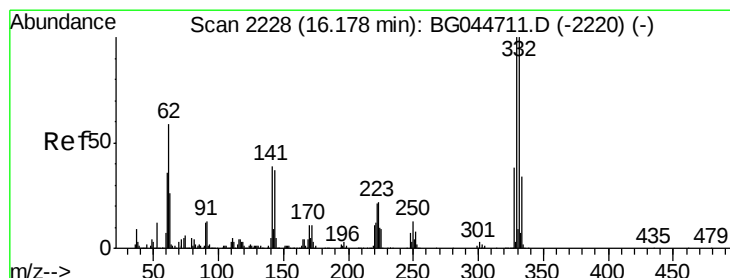
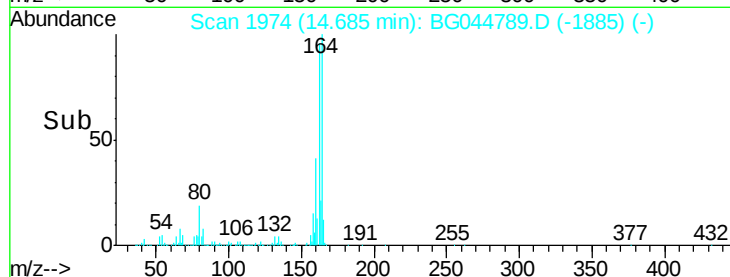
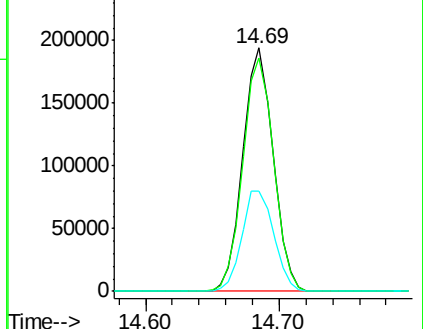
160 41.4 36.2 54.2



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: 111.28 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG044789.D

Acq: 14 Mar 2020 8:09

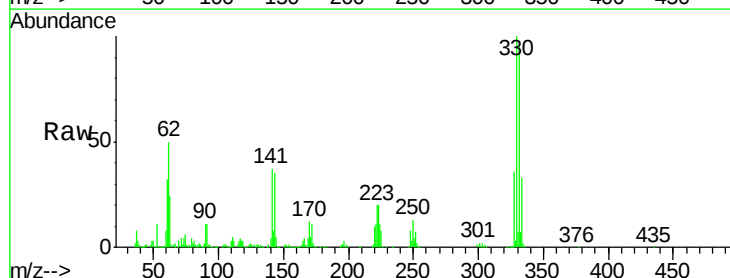
Tgt Ion:330 Resp: 443306

Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

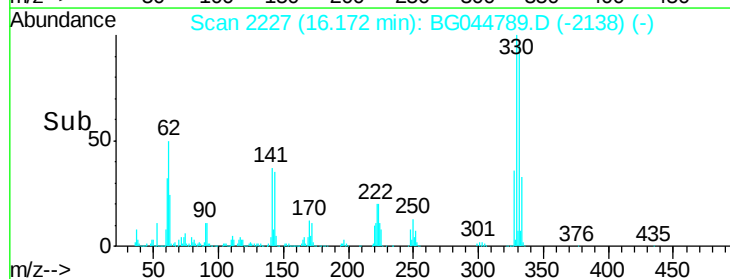
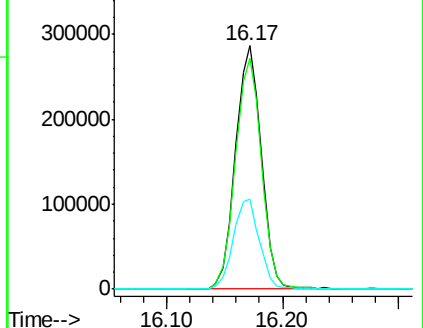
141 37.4 31.7 47.5

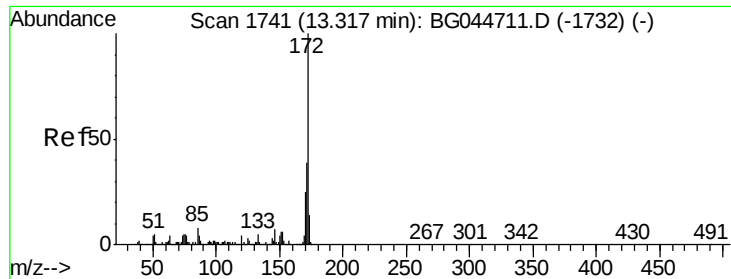


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

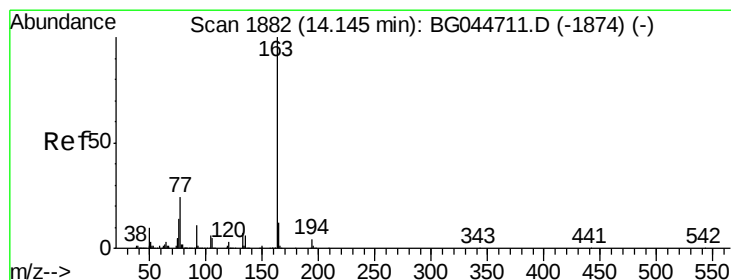
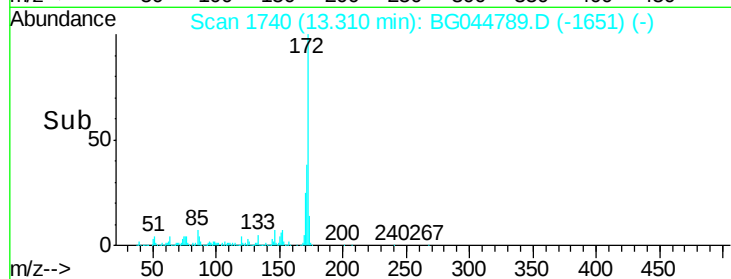
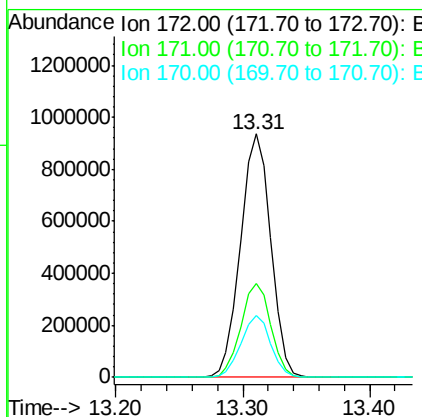
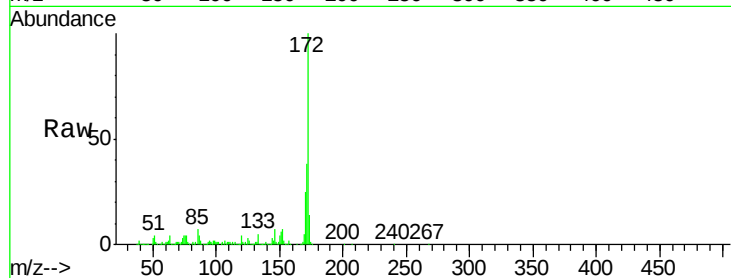




#45
2-Fluorobiphenyl
Concen: 72.86 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044789.D
Acq: 14 Mar 2020 8:09

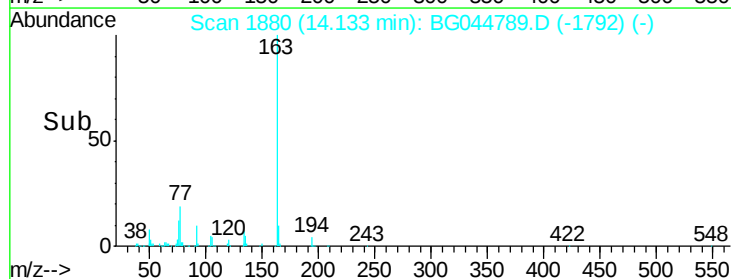
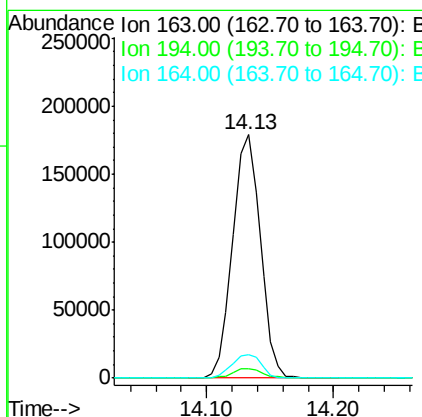
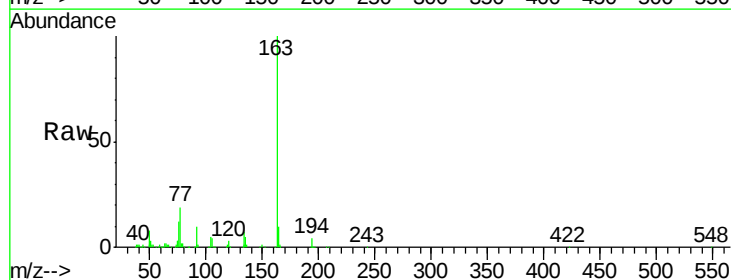
Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

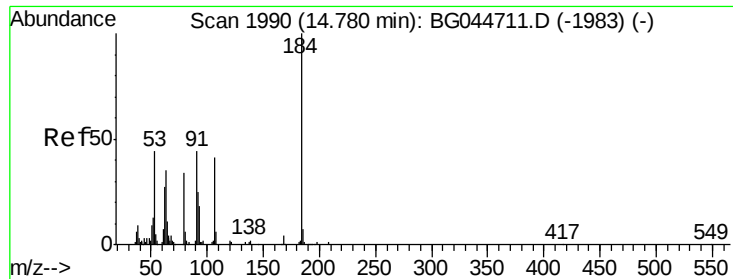
Tgt Ion:172 Resp: 1548058
Ion Ratio Lower Upper
172 100
171 38.3 30.8 46.2
170 25.3 20.0 30.0



#50
Dimethylphthalate
Concen: 11.16 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044789.D
Acq: 14 Mar 2020 8:09

Tgt Ion:163 Resp: 270438
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.6 9.2 13.8

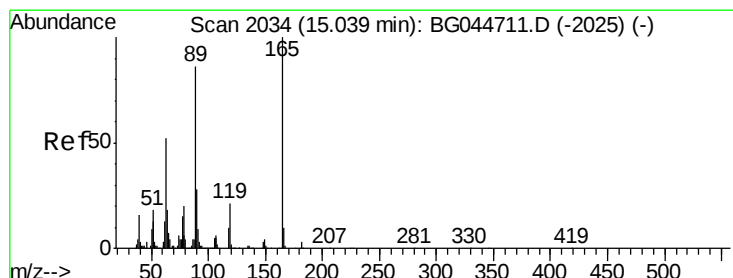
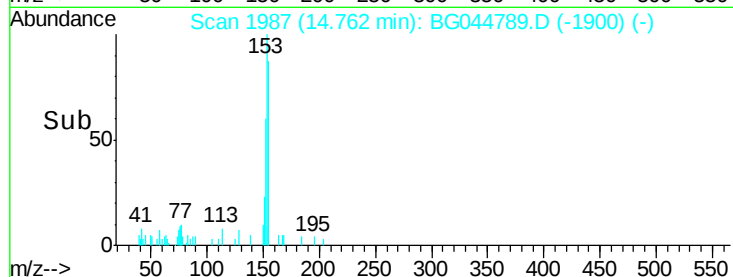
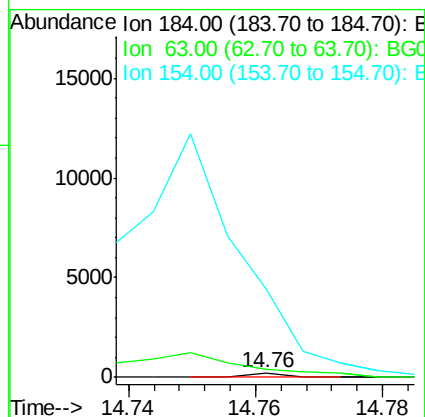
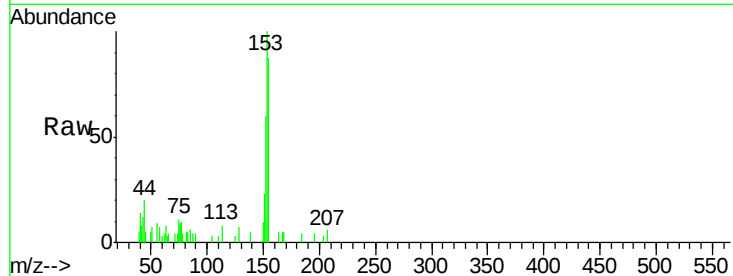




#54
2,4-Dinitrophenol
Concen: 8.35 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BG044789.D
Acq: 14 Mar 2020 8:09

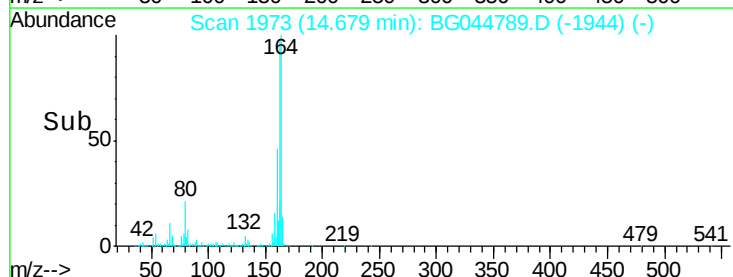
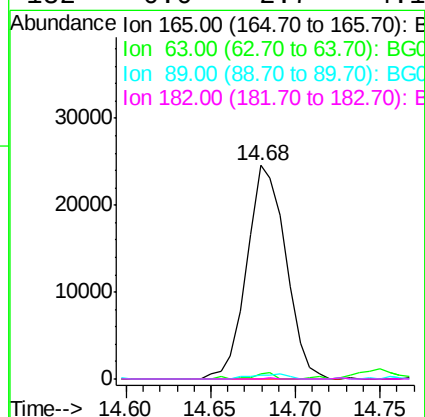
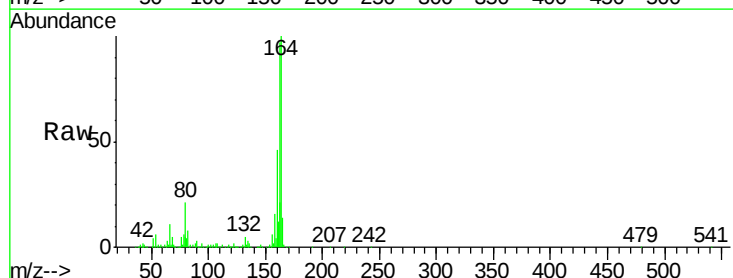
Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

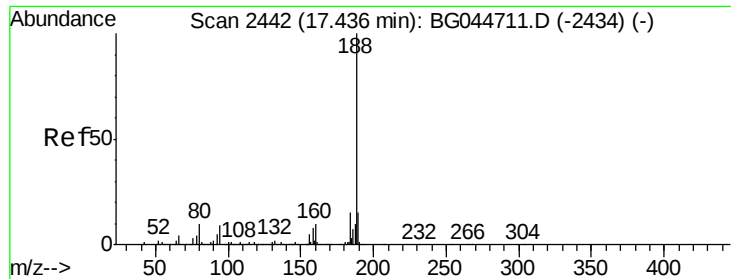
Tgt Ion:184 Resp: 81
Ion Ratio Lower Upper
184 100
63 189.2 49.0 73.6#
154 1930.7 94.5 141.7#



#57
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.36 min
Lab File: BG044789.D
Acq: 14 Mar 2020 8:09

Tgt Ion:165 Resp: 39445
Ion Ratio Lower Upper
165 100
63 2.4 41.5 62.3#
89 1.6 69.0 103.4#
182 0.0 2.7 4.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044789.D

Acq: 14 Mar 2020 8:09

Instrument :

BNA_G

ClientSampleId :

VNJ-229-13

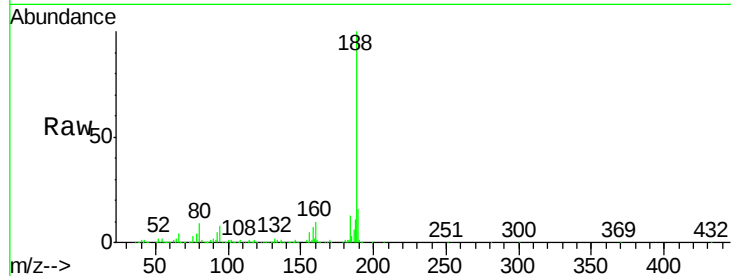
Tgt Ion:188 Resp: 634040

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

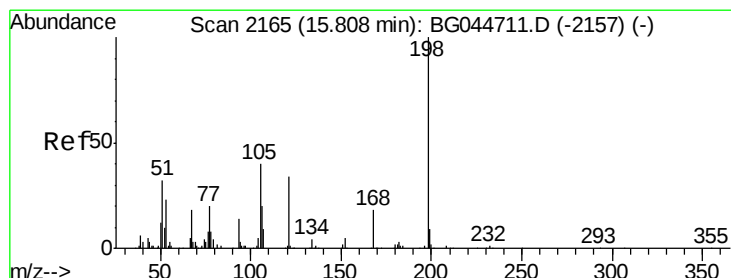
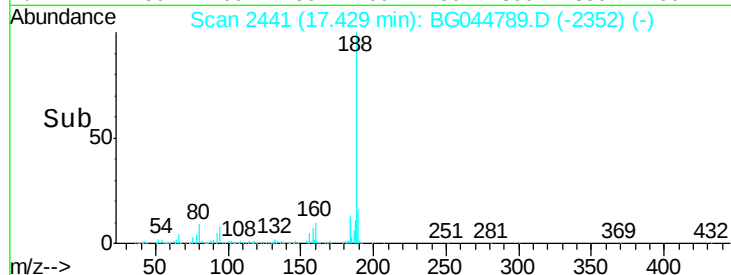
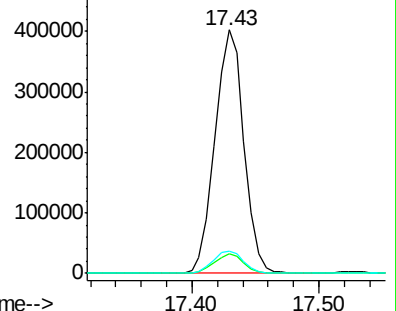
80 9.1 8.4 12.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.75 ng

RT: 15.95 min Scan# 2189

Delta R.T. 0.14 min

Lab File: BG044789.D

Acq: 14 Mar 2020 8:09

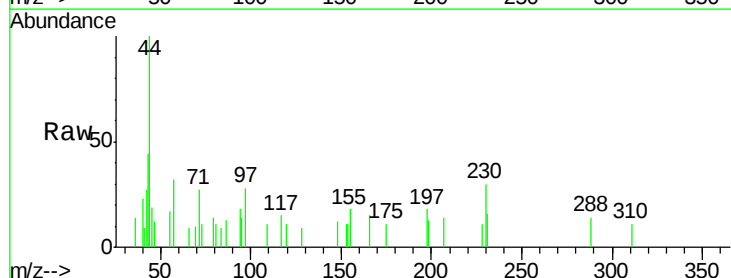
Tgt Ion:198 Resp: 75

Ion Ratio Lower Upper

198 100

51 0.0 20.1 60.1#

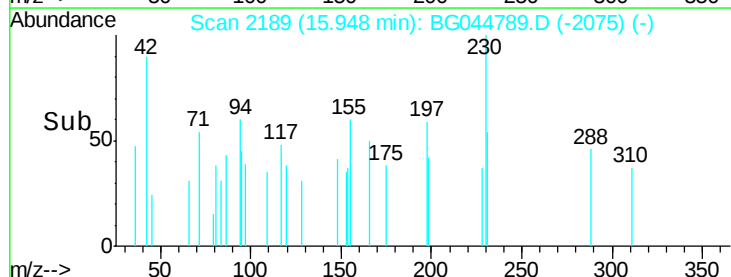
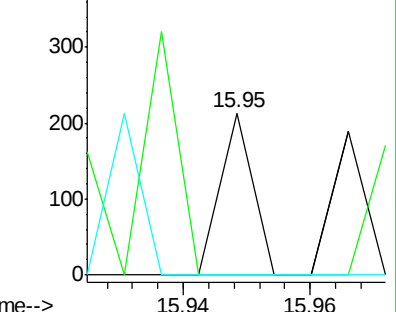
105 0.0 21.3 61.3#

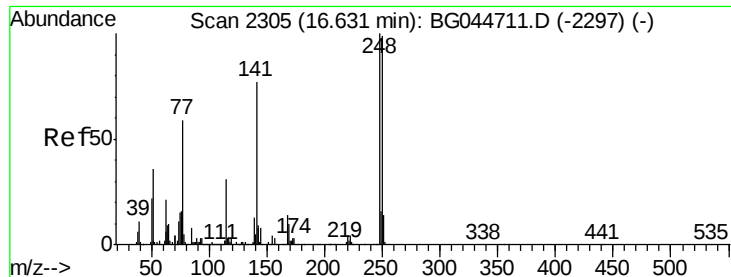


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

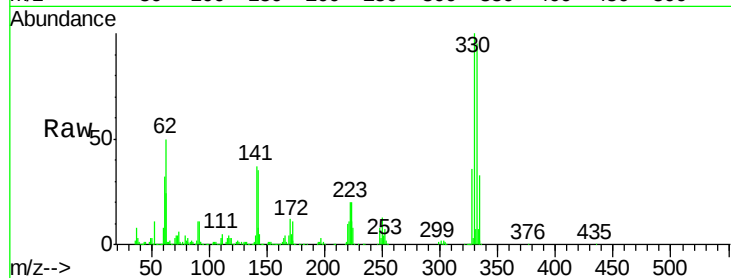




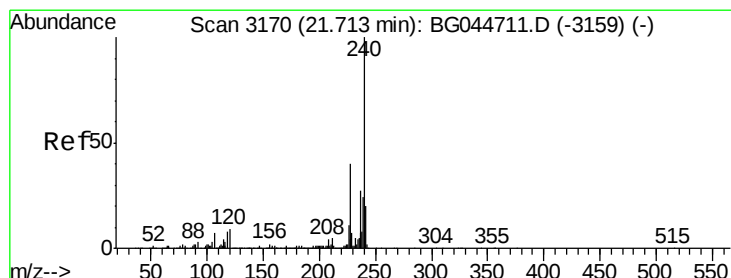
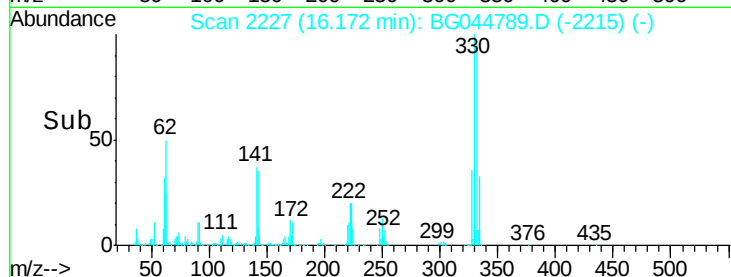
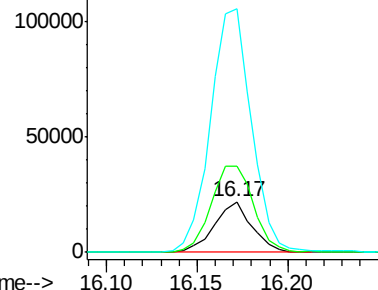
#67
 4-Bromophenyl-phenylether
 Concen: 3.93 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG044789.D
 Acq: 14 Mar 2020 8:09

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-229-13

Tgt Ion:248 Resp: 31186
 Ion Ratio Lower Upper
 248 100
 250 171.2 79.4 119.0#
 141 482.8 61.7 92.5#

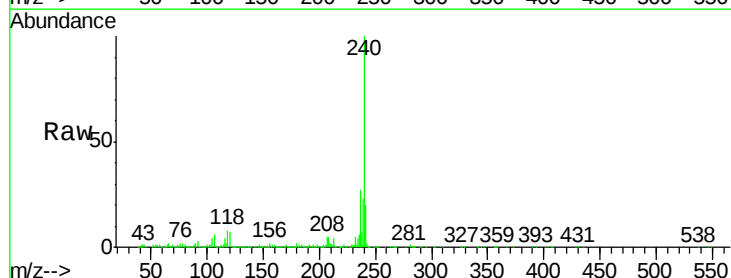


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

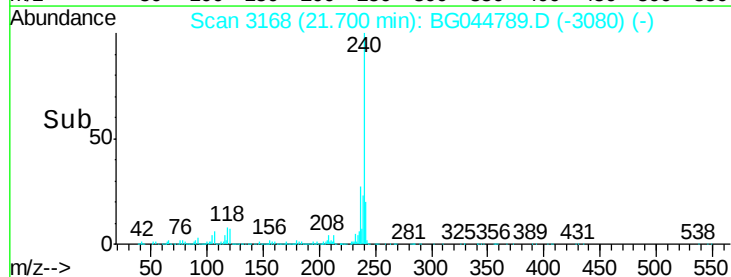
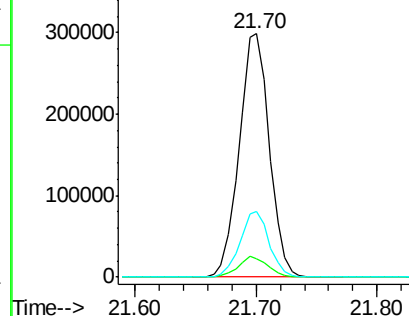


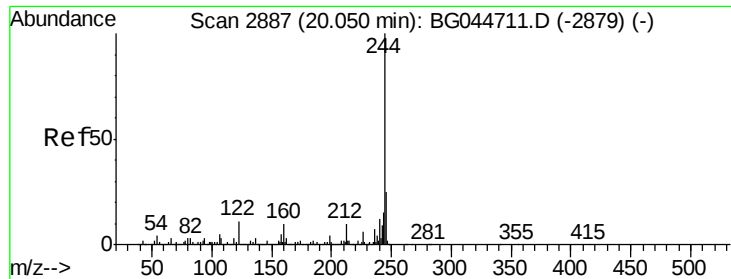
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG044789.D
 Acq: 14 Mar 2020 8:09

Tgt Ion:240 Resp: 519418
 Ion Ratio Lower Upper
 240 100
 120 7.4 6.9 10.3
 236 26.9 21.9 32.9



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: 75.96 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044789.D

Acq: 14 Mar 2020 8:09

Instrument :

BNA_G

ClientSampleId :

VNJ-229-13

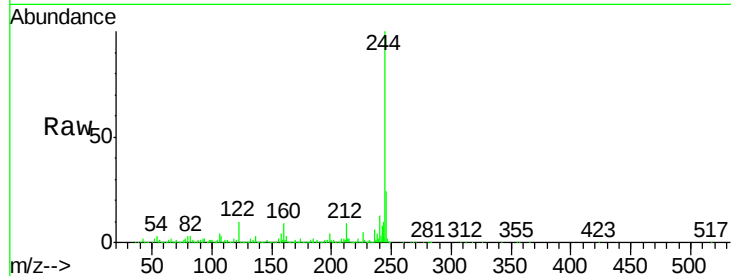
Tgt Ion:244 Resp: 2109348

Ion Ratio Lower Upper

244 100

212 9.5 8.4 12.6

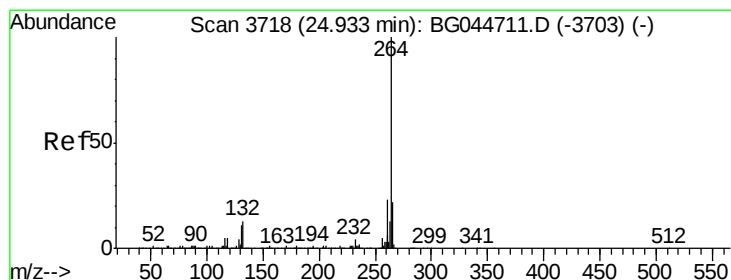
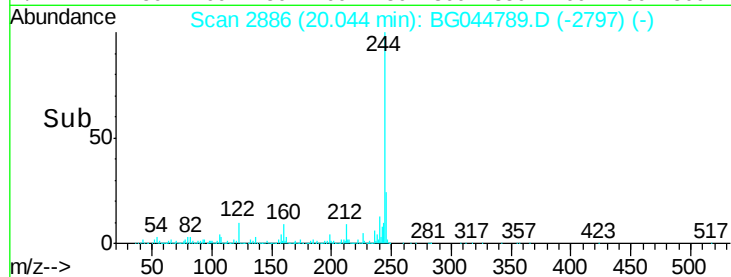
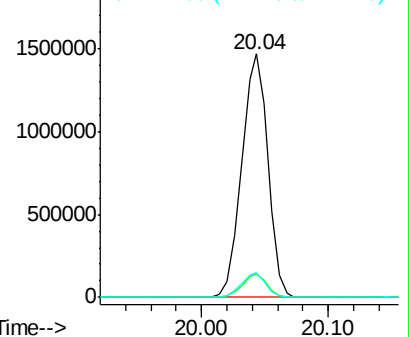
122 10.3 8.7 13.1



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: 20.00 ng

RT: 24.91 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG044789.D

Acq: 14 Mar 2020 8:09

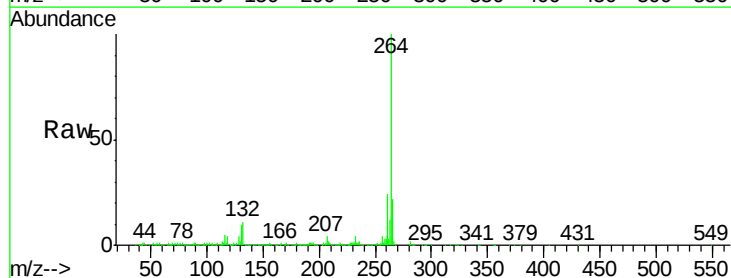
Tgt Ion:264 Resp: 580678

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 22.1 17.4 26.2



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

