

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044589.D
 Acq On : 25 Feb 2020 23:13
 Operator : CG/JU
 Sample : L1669-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-231

Quant Time: Feb 26 05:58:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

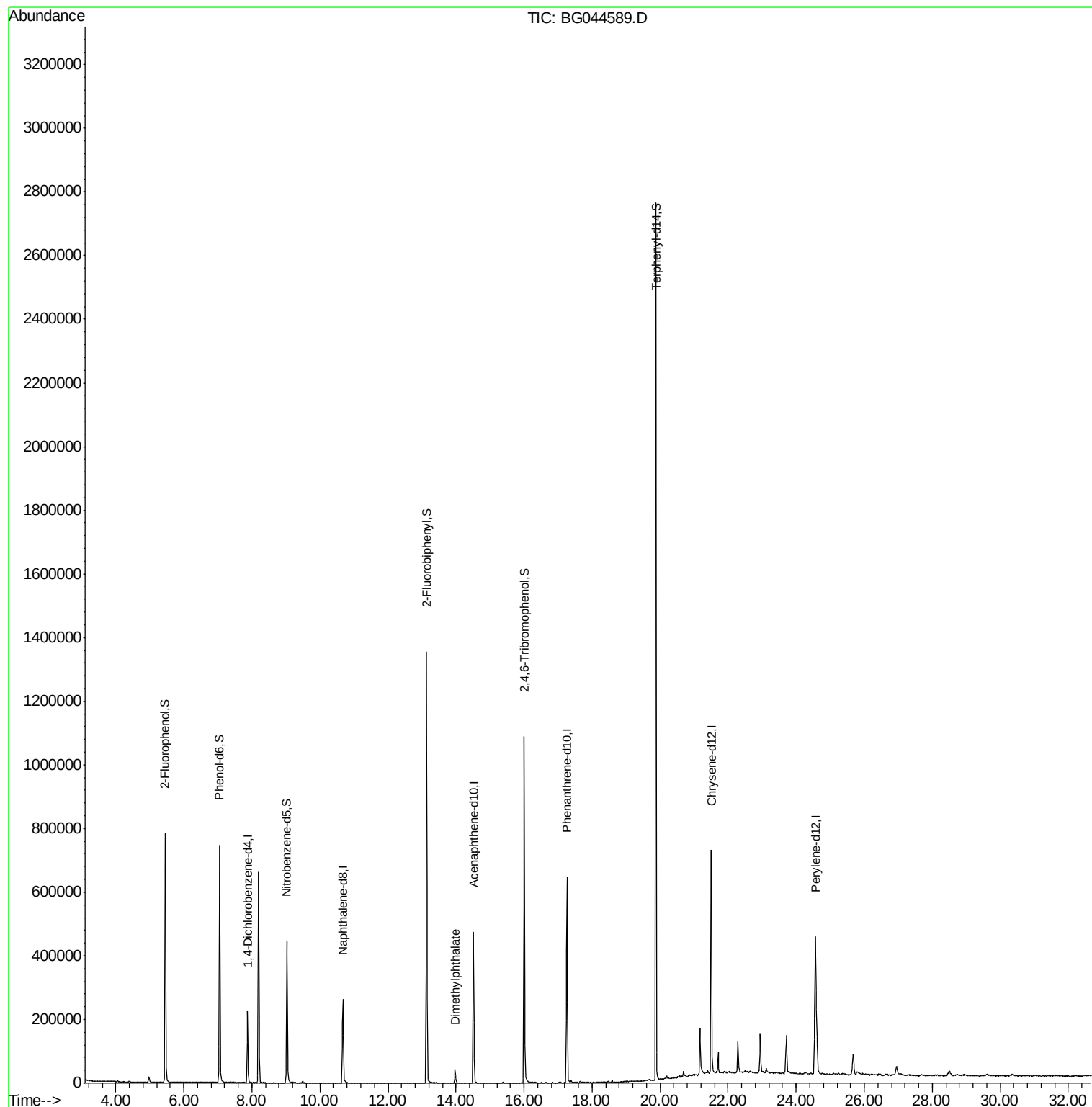
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	66272	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	264273	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	180750	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	431323	20.00	ng	0.00
76) Chrysene-d12	21.50	240	435132	20.00	ng	0.00
87) Perylene-d12	24.57	264	459332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	396346	95.96	ng	0.00
7) Phenol-d6	7.05	99	510490	90.29	ng	0.00
23) Nitrobenzene-d5	9.03	82	303197	59.11	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	231991	90.52	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	757462	60.01	ng	0.00
79) Terphenyl-d14	19.88	244	1366139	59.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.98	163	39503	2.708	ng	Qvalue 100

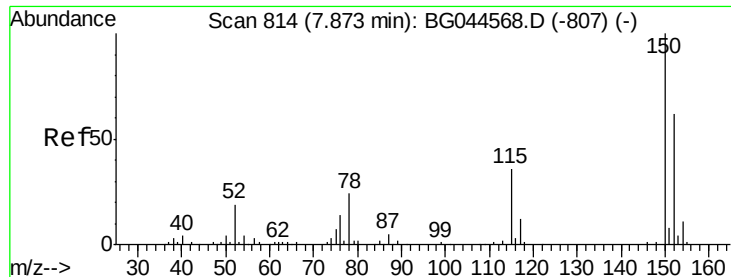
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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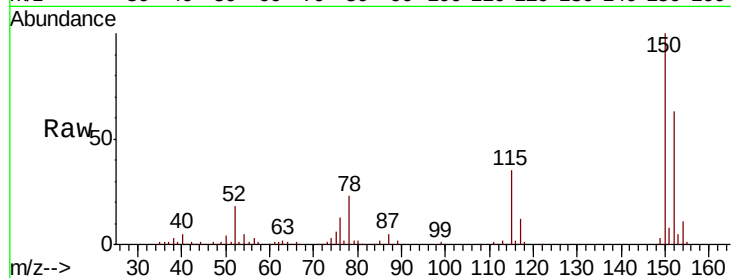


#1

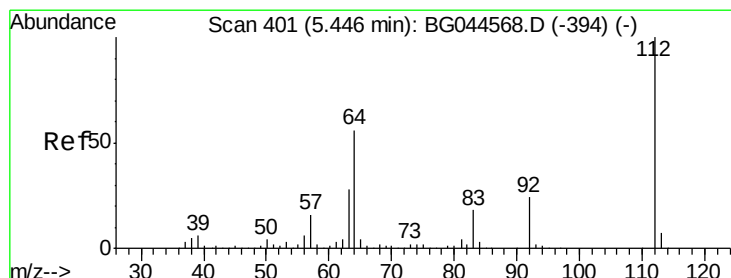
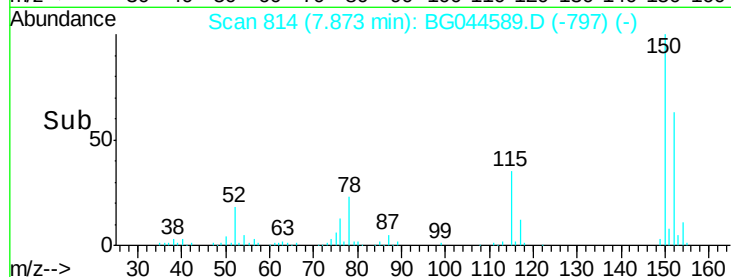
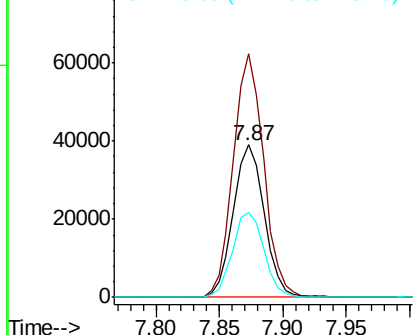
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tot Ion:152 Resp: 66272
Ion Ratio Lower Upper
152 100
150 160.0 128.9 193.3
115 56.2 47.0 70.4



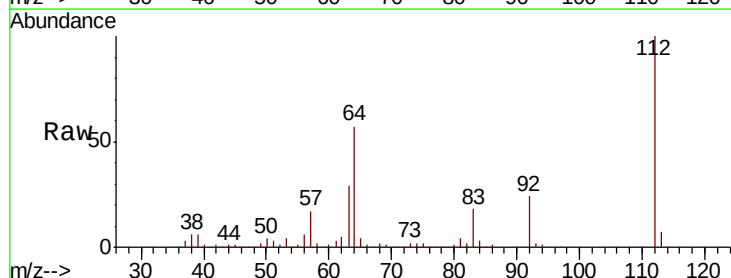
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



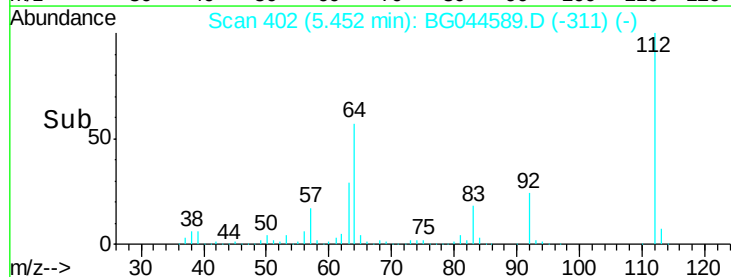
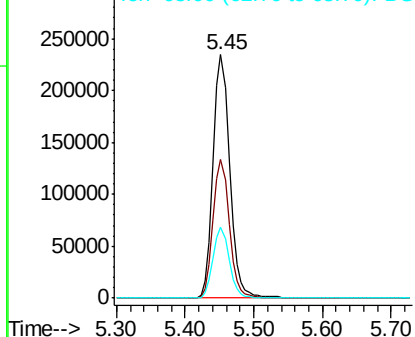
#5

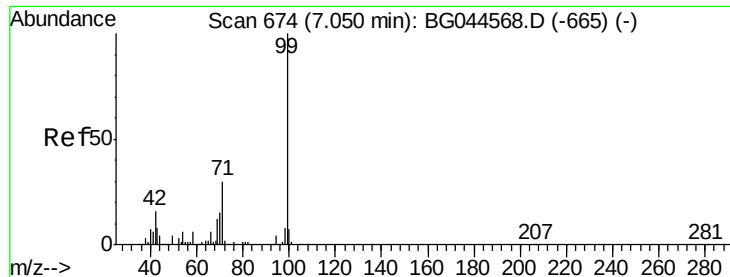
2-Fluorophenol
Concen: 95.957 ng
RT: 5.45 min Scan# 402
Delta R.T. 0.01 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Tgt Ion:112 Resp: 396346
Ion Ratio Lower Upper
112 100
64 57.0 44.8 67.2
63 28.9 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 90.291 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampleId :

VNJ-231

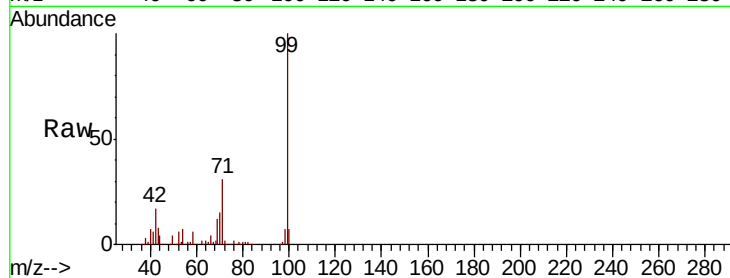
Tot Ion: 99 Resp: 510490

Ion Ratio Lower Upper

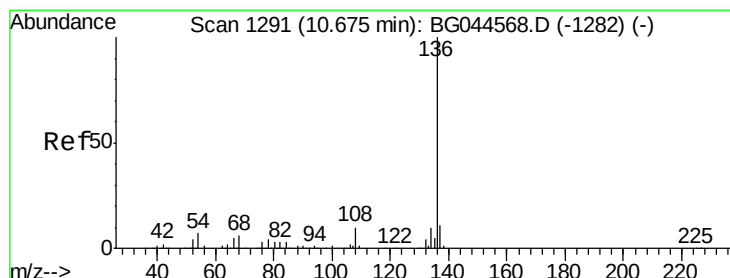
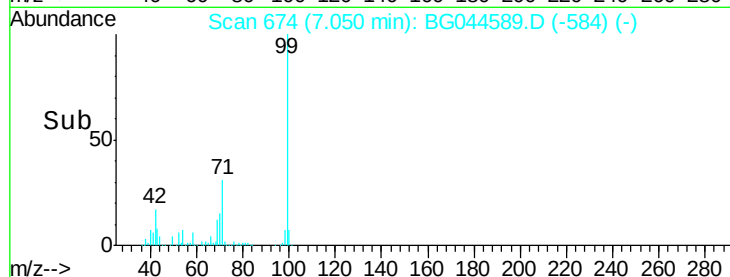
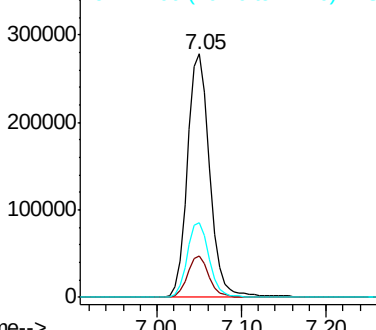
99 100

42 16.8 12.8 19.2

71 30.9 24.4 36.6



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: 10.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Tgt Ion: 136 Resp: 264273

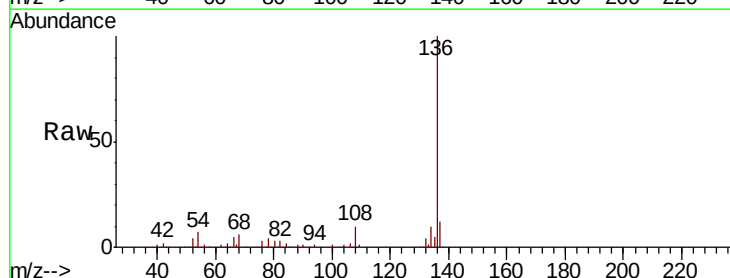
Ion Ratio Lower Upper

136 100

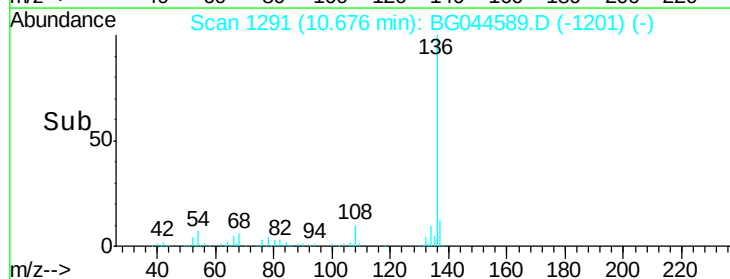
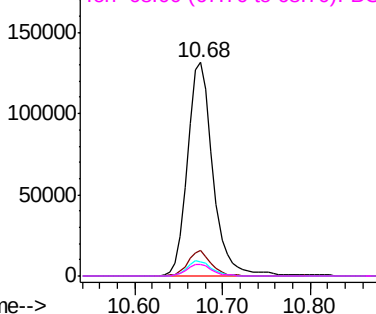
137 12.0 8.8 13.2

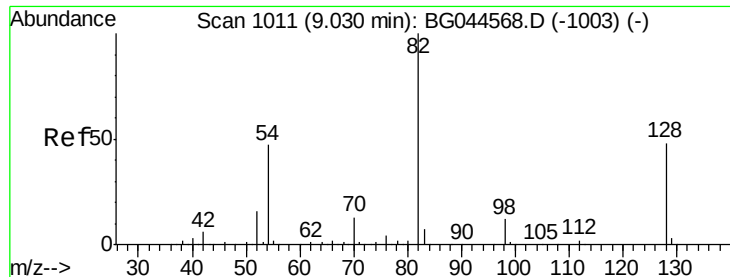
54 6.9 5.7 8.5

68 5.6 4.5 6.7



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

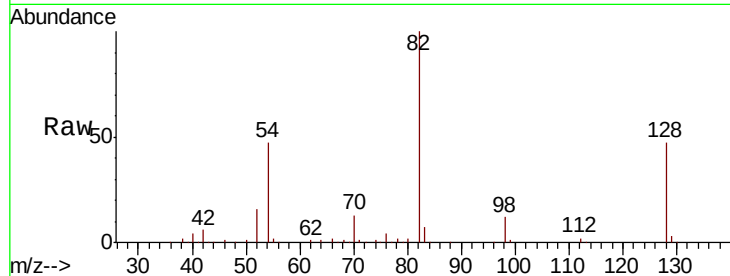




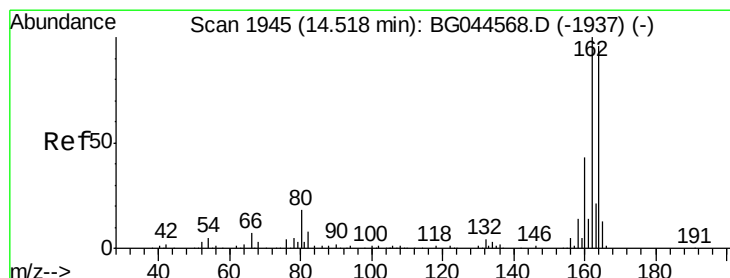
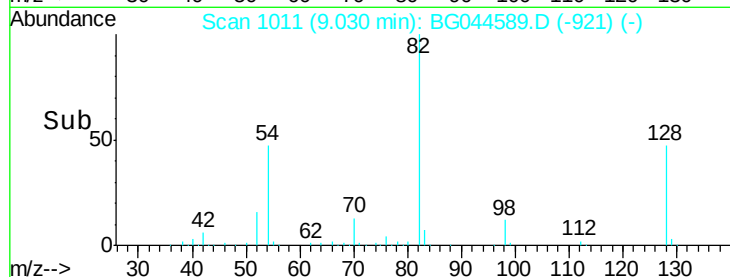
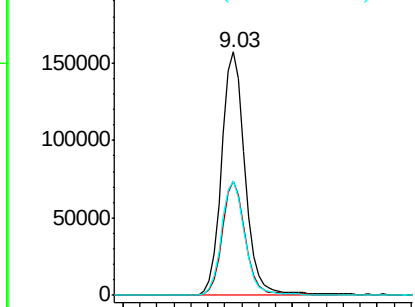
#23
 Nitrobenzene-d5
 Concen: 59.106 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-231

Tot Ion	82	Resp	303197
Ion Ratio	Lower	Upper	
82	100		
128	47.1	38.1	57.1
54	46.8	37.5	56.3

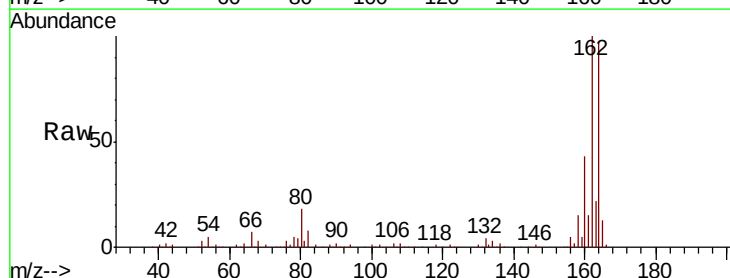


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

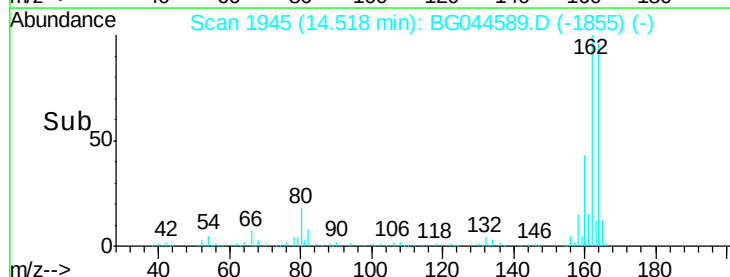
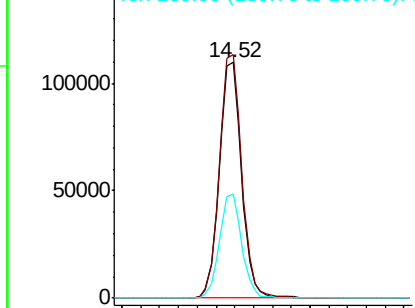


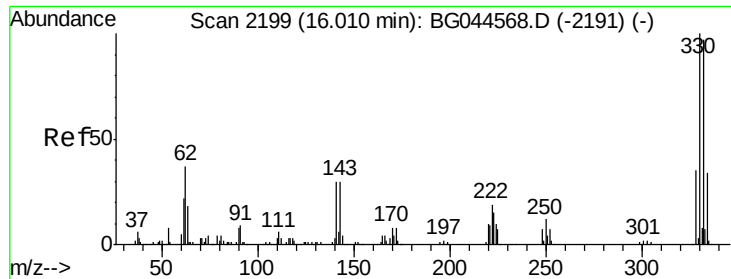
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Tgt Ion	164	Resp	180750
Ion Ratio	Lower	Upper	
164	100		
162	103.3	83.6	125.4
160	44.4	36.2	54.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

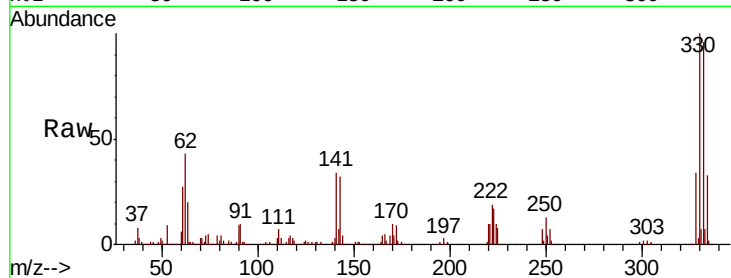




#42
 2,4,6-Tribromophenol
 Concen: 90.519 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-231

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.0
141	33.4	26.1	39.1

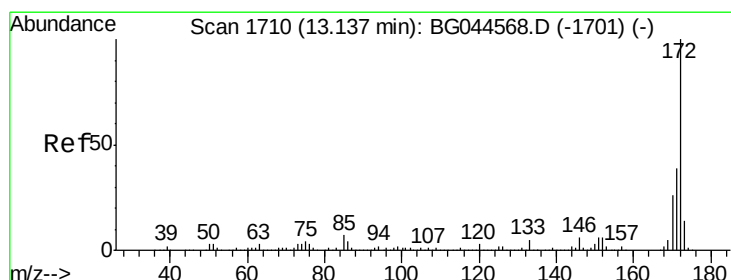
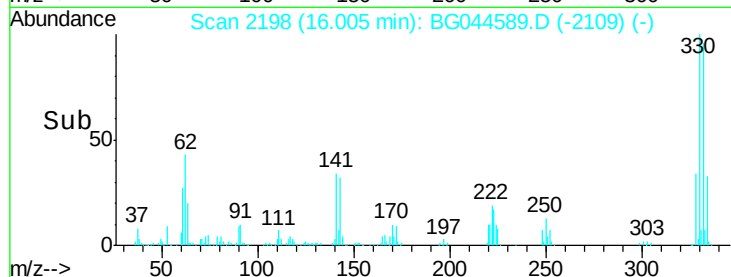
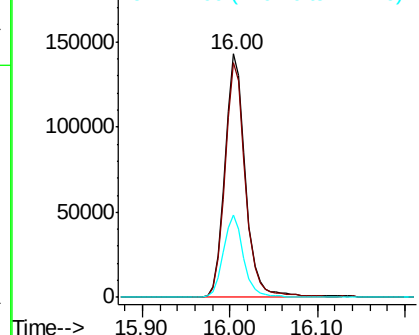


Abundance

Ion 329.80 (329.50 to 330.50): E

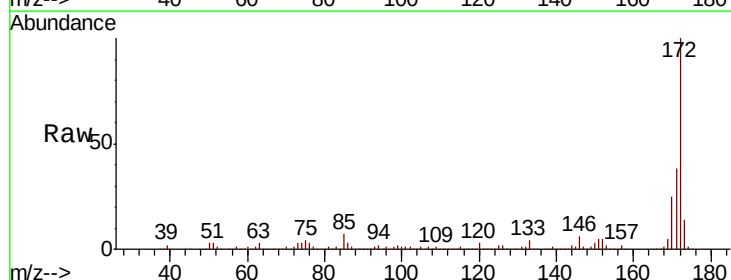
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.010 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.1	21.0	31.4

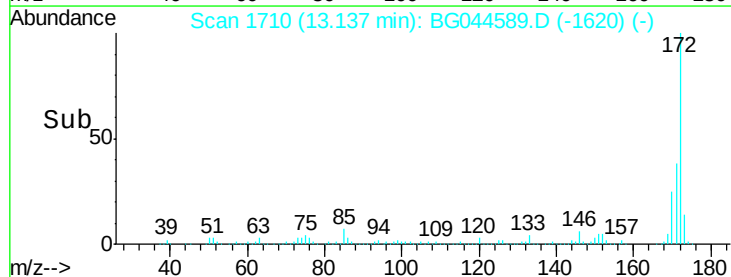
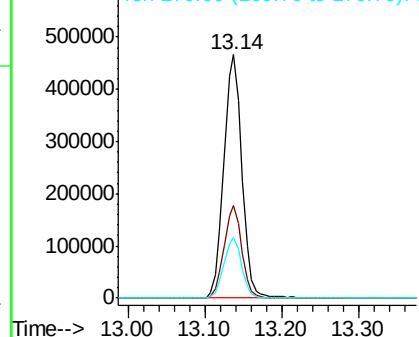


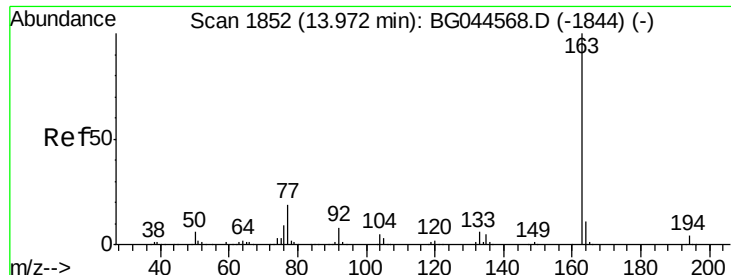
Abundance

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





#50

Dimethylphthalate

Concen: 2.708 ng

RT: 13.98 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampled :

VNJ-231

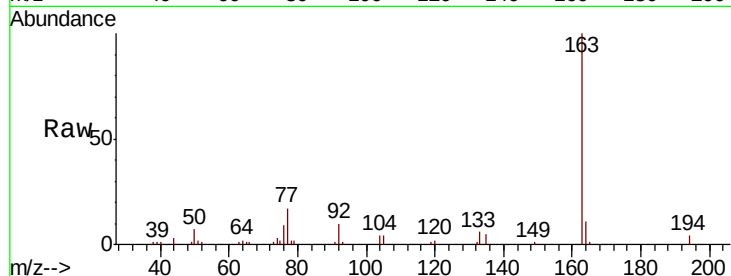
Tot Ion:163 Resp: 39503

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

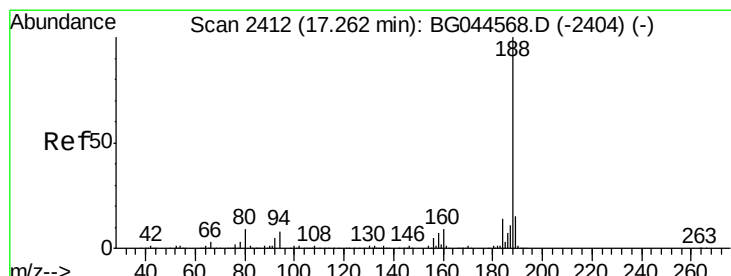
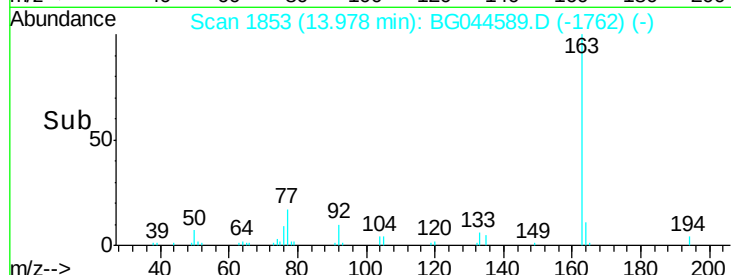
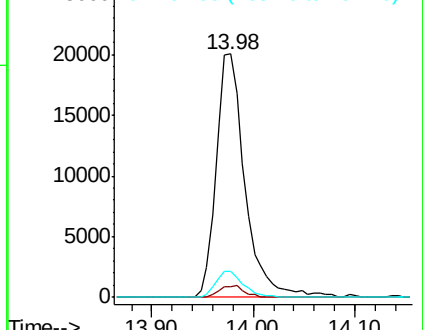
164 10.8 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

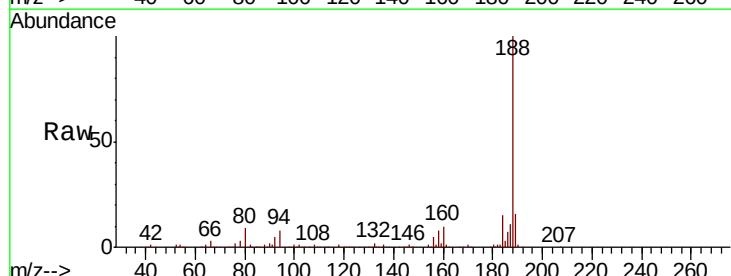
Tgt Ion:188 Resp: 431323

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

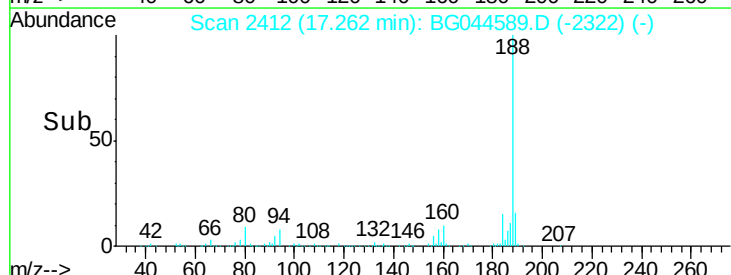
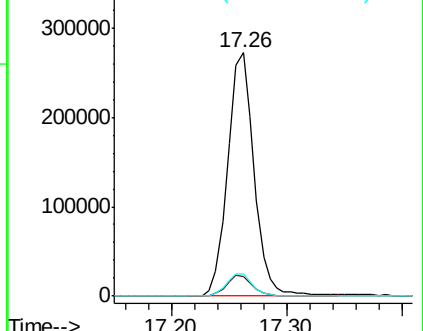
80 8.9 7.6 11.4

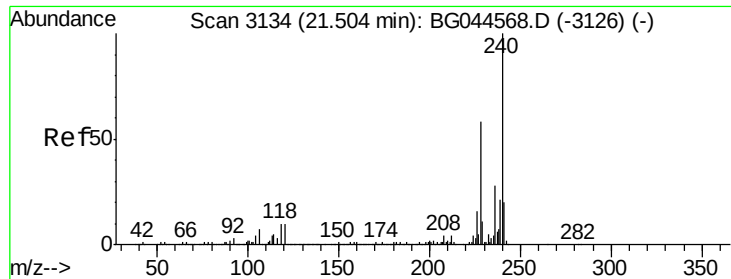


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

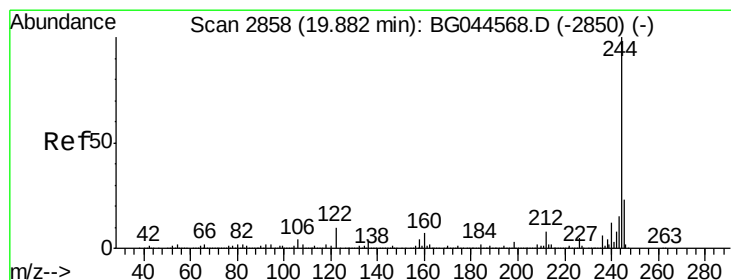
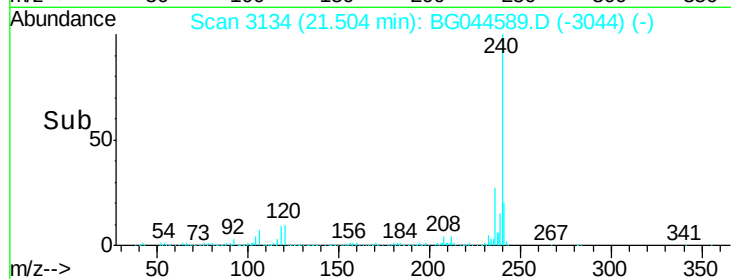
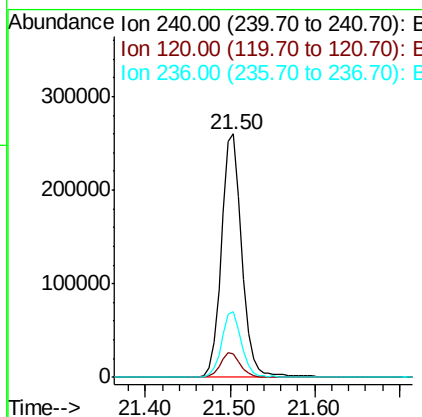
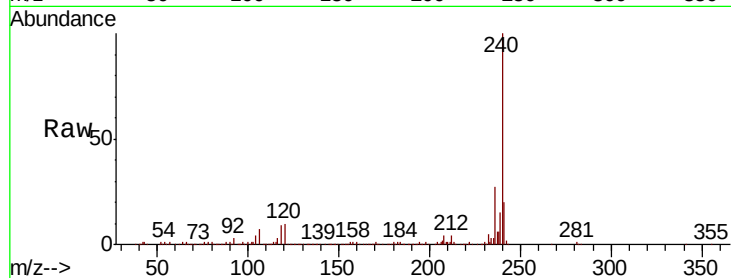




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

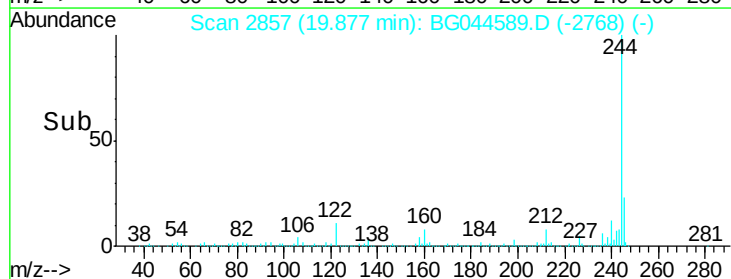
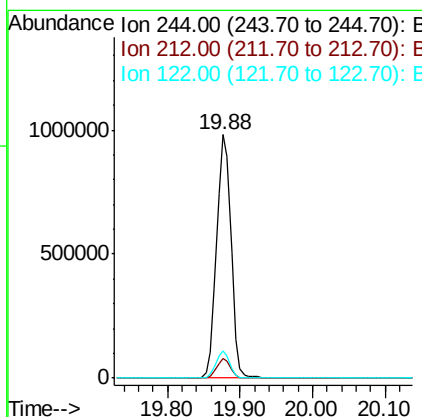
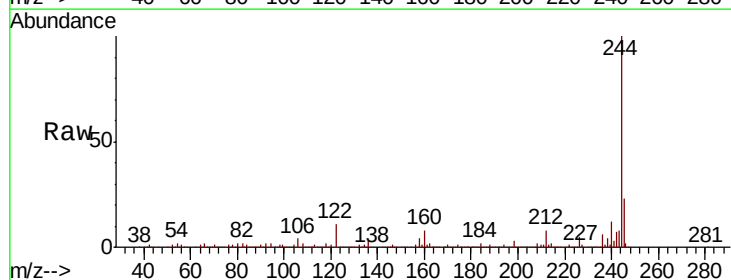
Instrument :
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 VNJ-231

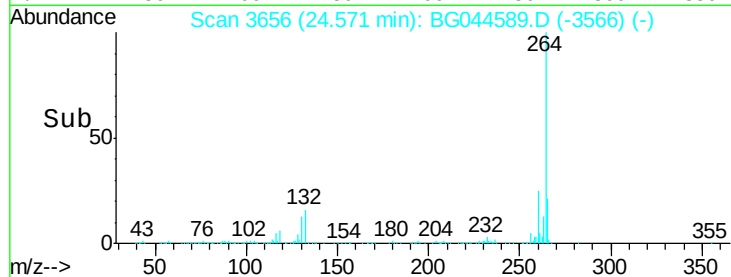
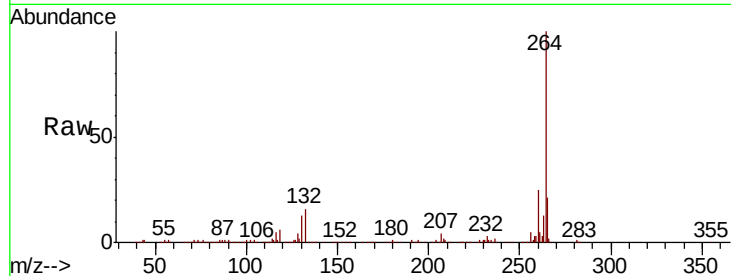
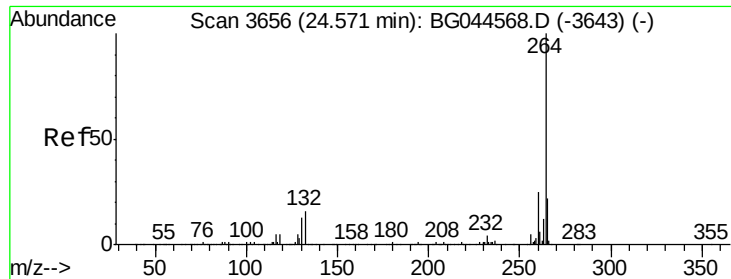
Tot Ion:240 Resp: 435132
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.3 12.5
 236 26.8 22.3 33.5



#79
 Terphenyl-d14
 Concen: 59.435 ng
 RT: 19.88 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Tgt Ion:244 Resp: 1366139
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 11.0 8.2 12.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3656
Delta R.T. 0.00 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	20.7	17.8	26.8

