

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046655.D
 Acq On : 17 Sep 2020 00:43
 Operator : CG/JU
 Sample : L4019-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-220

Quant Time: Sep 17 02:21:55 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	68781	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	283805	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	195235	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	445609	20.00	ng	0.00
76) Chrysene-d12	21.54	240	462802	20.00	ng	0.00
86) Perylene-d12	24.63	264	447130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	469930	121.01	ng	0.00
7) Phenol-d6	7.10	99	567043	103.00	ng	0.00
23) Nitrobenzene-d5	9.08	82	464514	93.55	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	292304	110.50	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1193007	93.28	ng	0.00
79) Terphenyl-d14	19.91	244	1806851	83.09	ng	0.00

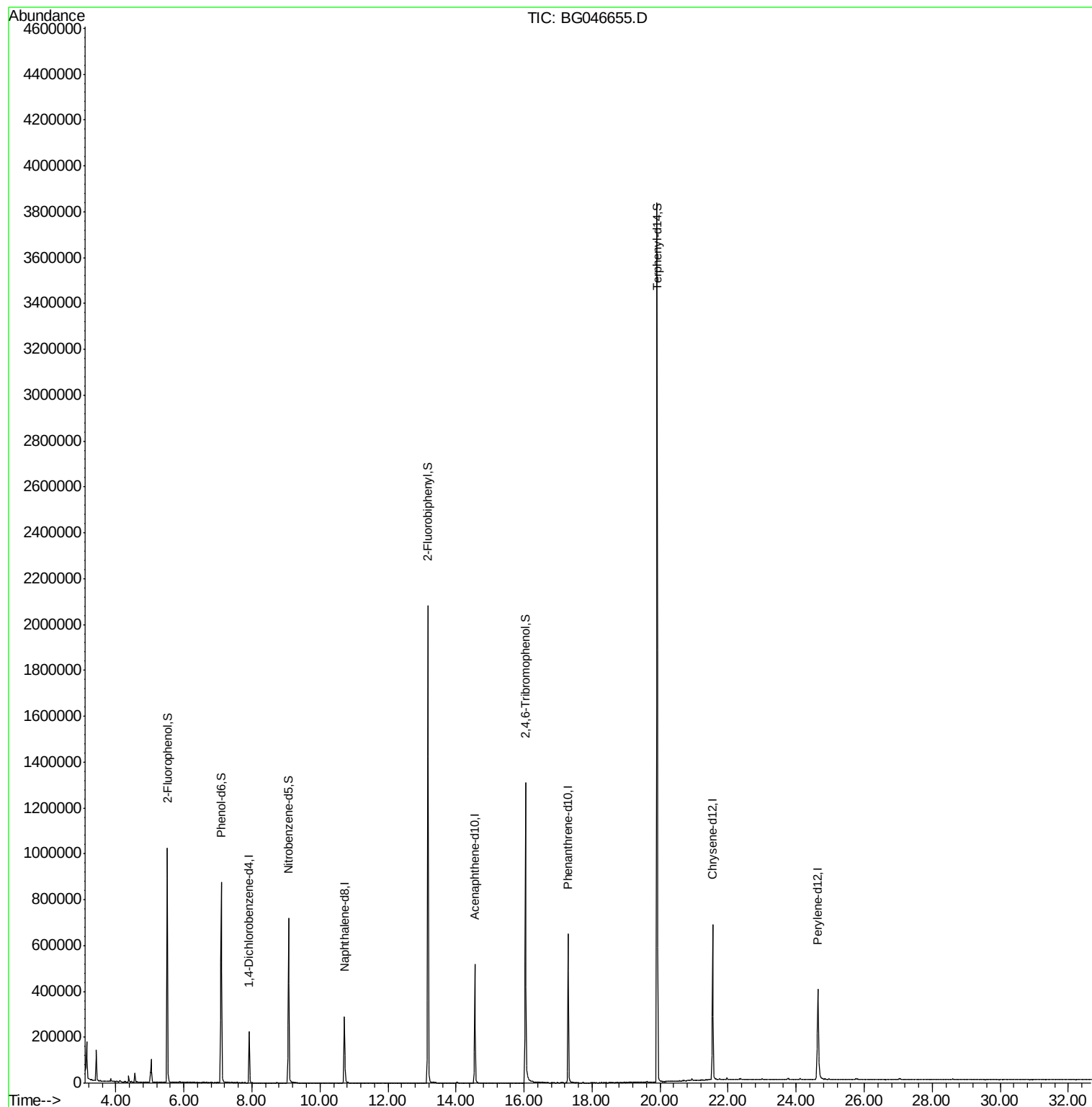
Target Compounds Qvalue

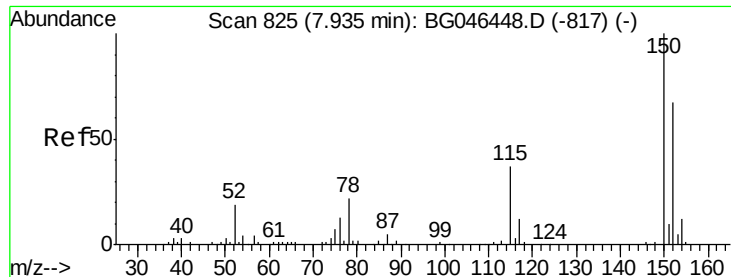
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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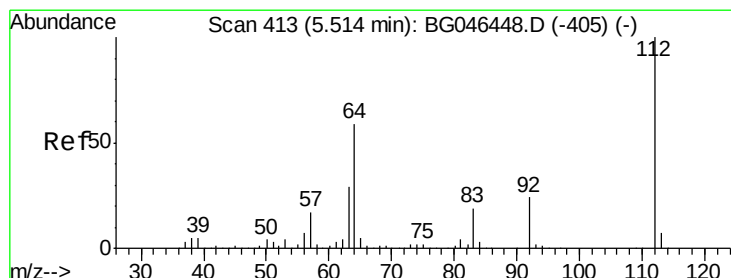
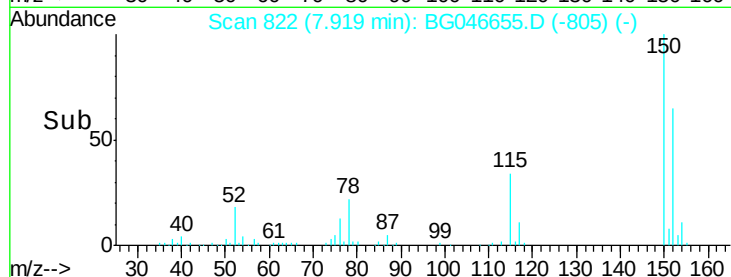
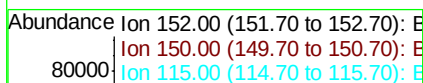
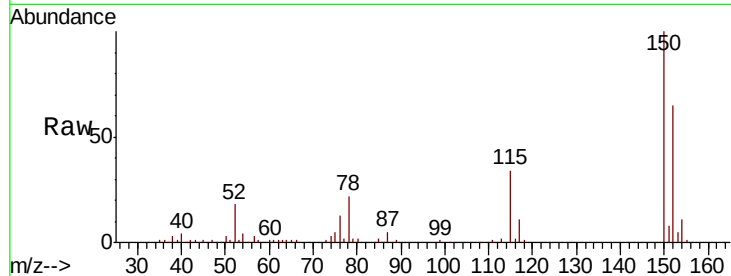


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG046655.D
Acq: 17 Sep 2020 00:43

Instrument :
BNA_G
ClientSampled :
VNJ-220

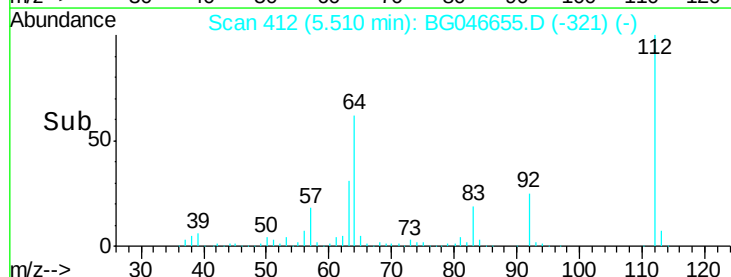
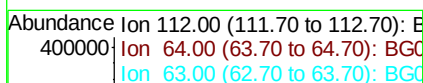
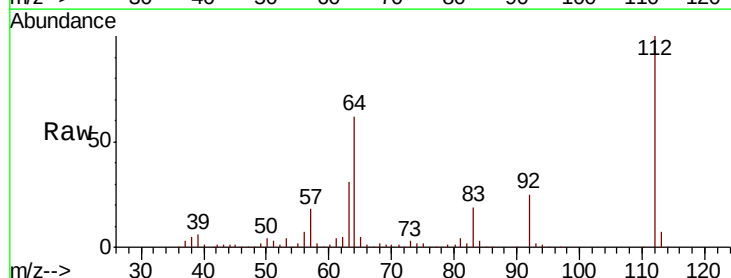
Tot Ion:152 Resp: 68781
Ion Ratio Lower Upper
152 100
150 153.9 125.0 187.6
115 52.0 41.8 62.6

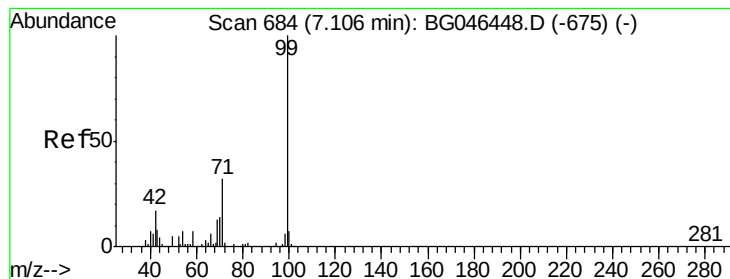


#5

2-Fluorophenol
Concen: 121.012 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046655.D
Acq: 17 Sep 2020 00:43

Tgt Ion:112 Resp: 469930
Ion Ratio Lower Upper
112 100
64 62.0 46.7 70.1
63 31.2 22.8 34.2





#7

Phenol-d6

Concen: 103.005 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046655.D

Acq: 17 Sep 2020 00:43

Instrument :

BNA_G

ClientSampleId :

VNJ-220

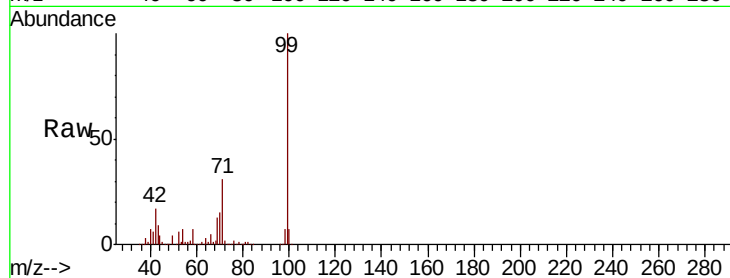
Tot Ion: 99 Resp: 567043

Ion Ratio Lower Upper

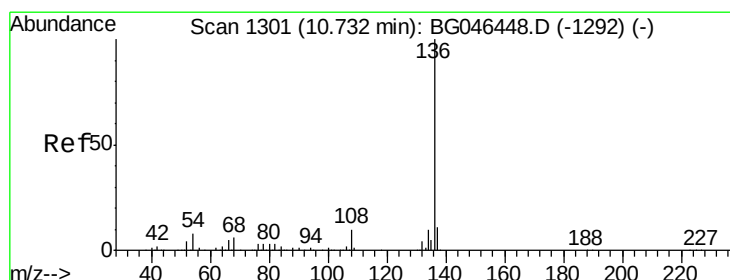
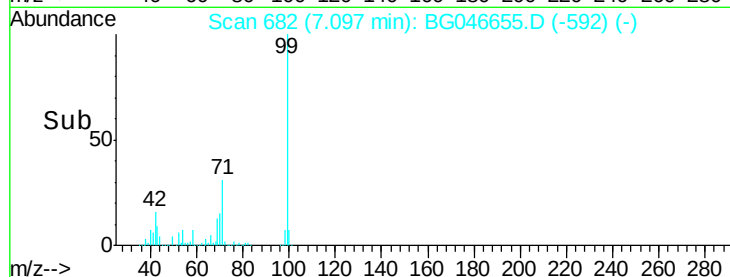
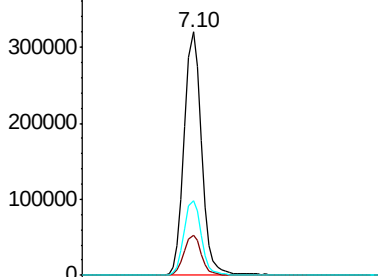
99 100

42 16.5 12.8 19.2

71 30.9 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: BG046655.D

Acq: 17 Sep 2020 00:43

Tgt Ion: 136 Resp: 283805

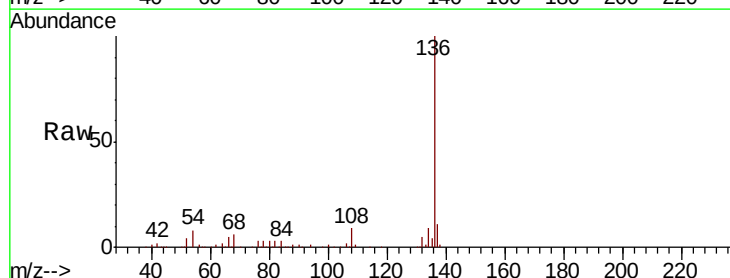
Ion Ratio Lower Upper

136 100

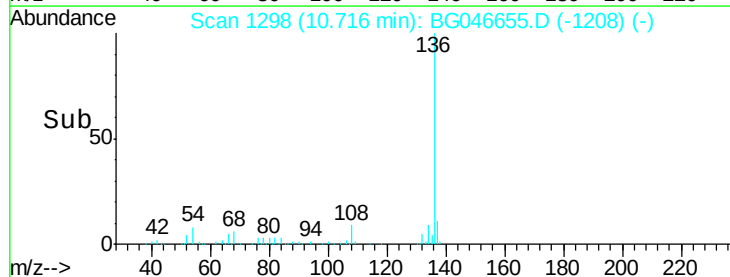
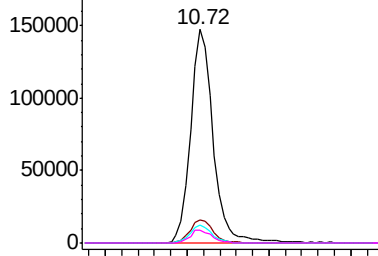
137 10.9 9.1 13.7

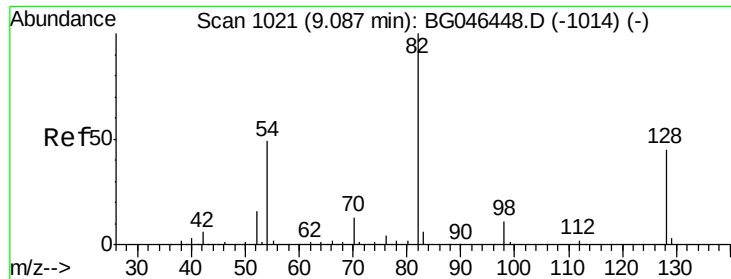
54 8.1 6.2 9.4

68 6.2 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

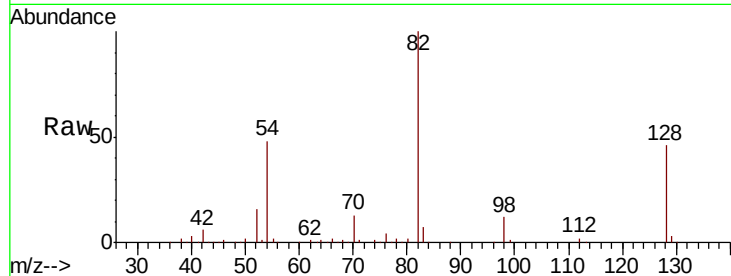




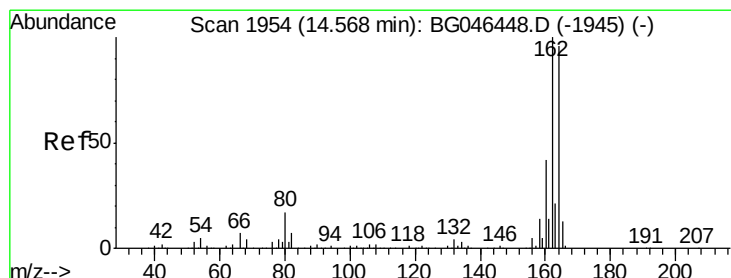
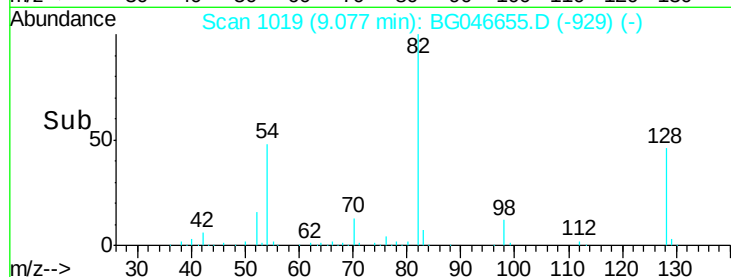
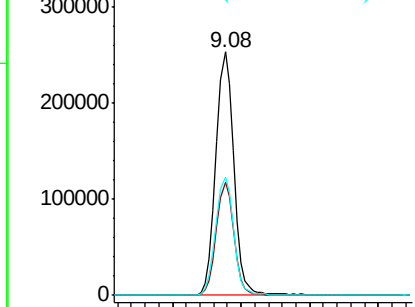
#23
Nitrobenzene-d5
Concen: 93.548 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046655.D
Acq: 17 Sep 2020 00:43

Instrument :
BNA_G
ClientSampleId :
VNJ-220

Tot Ion: 82 Resp: 464514
Ion Ratio Lower Upper
82 100
128 46.3 37.0 55.6
54 48.3 39.0 58.4

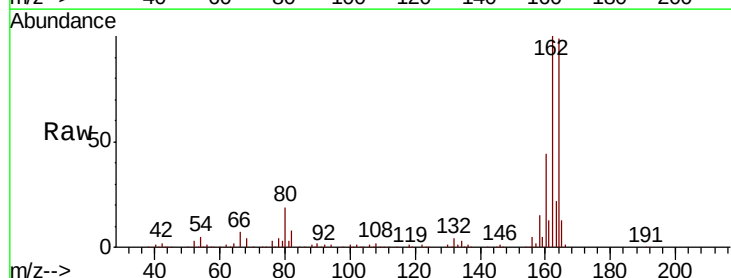


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

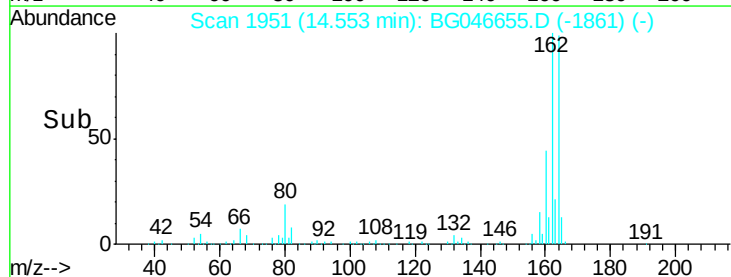
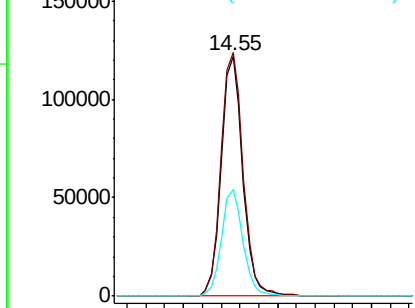


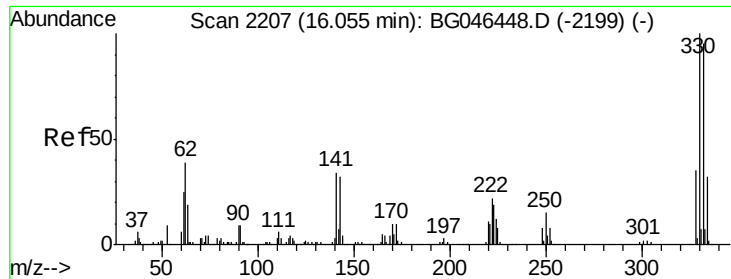
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG046655.D
Acq: 17 Sep 2020 00:43

Tgt Ion: 164 Resp: 195235
Ion Ratio Lower Upper
164 100
162 101.4 82.3 123.5
160 44.2 35.3 52.9



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

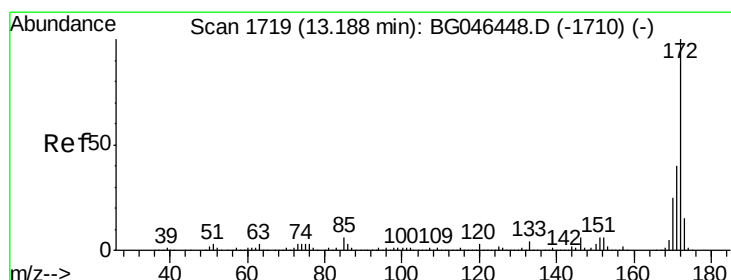
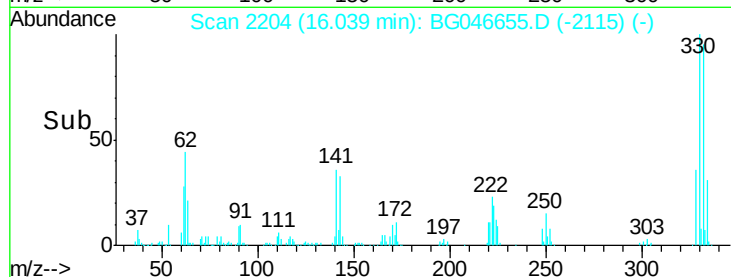
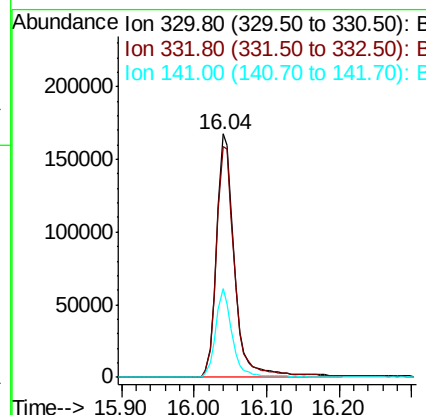
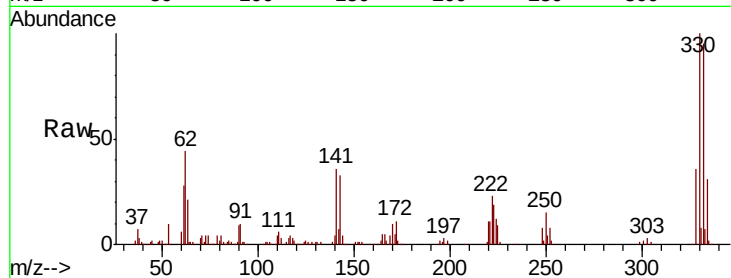




#42
 2,4,6-Tribromophenol
 Concen: 110.499 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG046655.D
 Acq: 17 Sep 2020 00:43

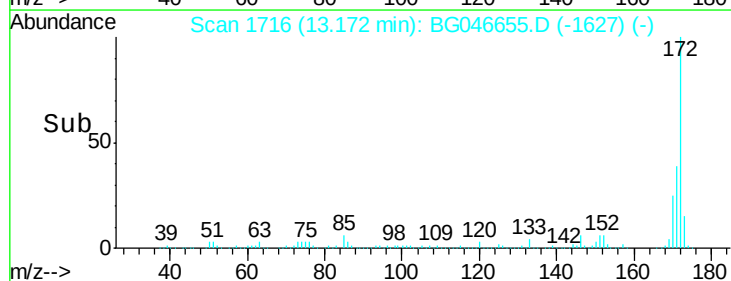
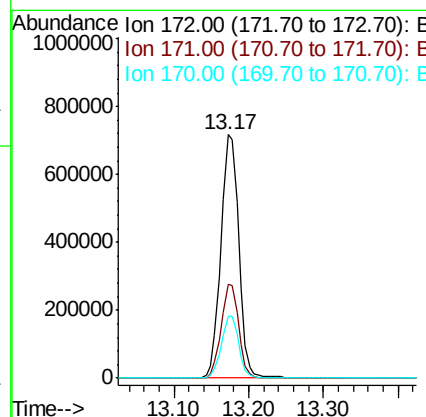
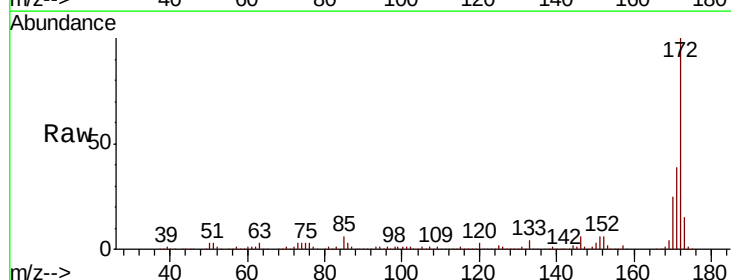
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-220

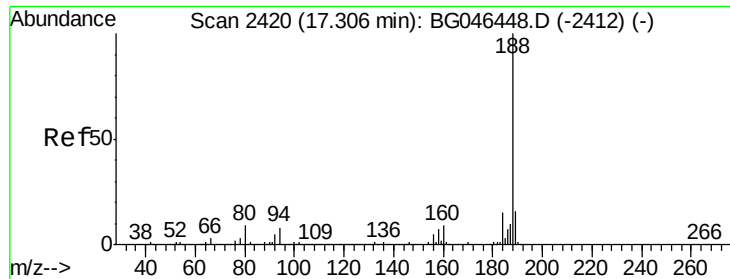
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.5	114.7
141	34.3	26.0	39.0



#45
 2-Fluorobiphenyl
 Concen: 93.282 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG046655.D
 Acq: 17 Sep 2020 00:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.3	20.8	31.2

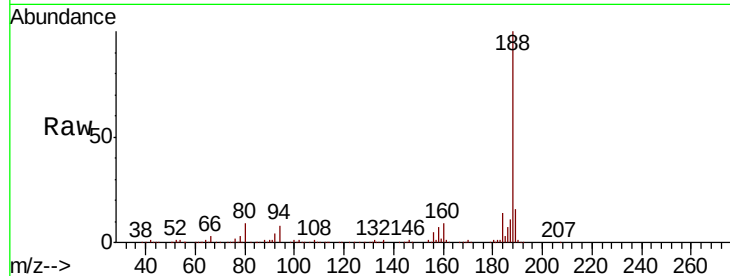




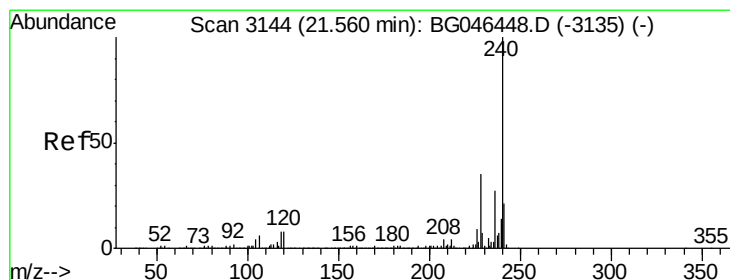
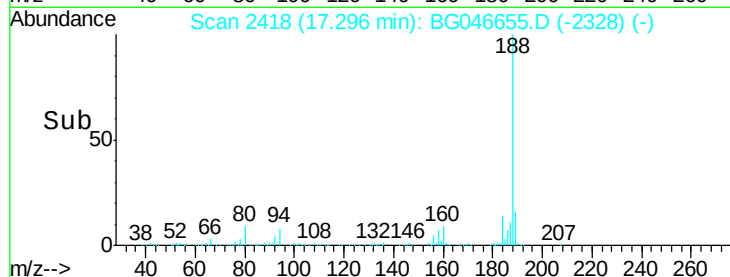
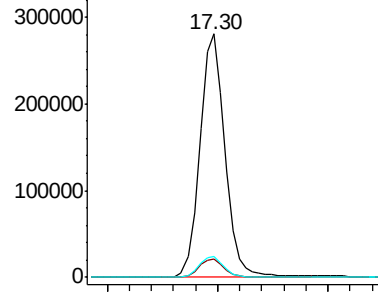
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG046655.D
Acq: 17 Sep 2020 00:43

Instrument :
BNA_G
ClientSampleId :
VNJ-220

Tot Ion:188 Resp: 445609
Ion Ratio Lower Upper
188 100
94 7.6 6.3 9.5
80 8.6 7.0 10.6

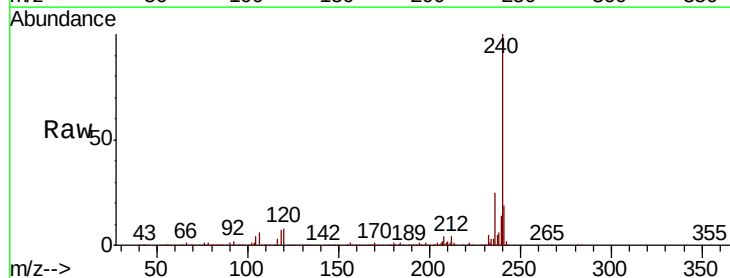


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

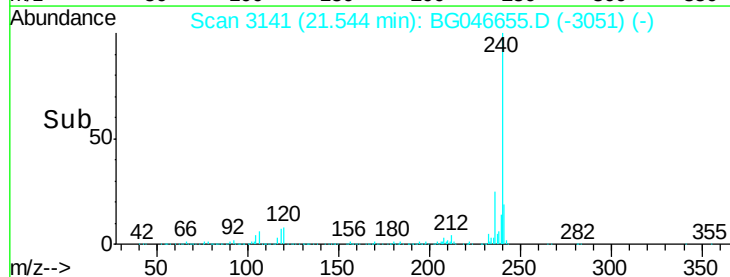
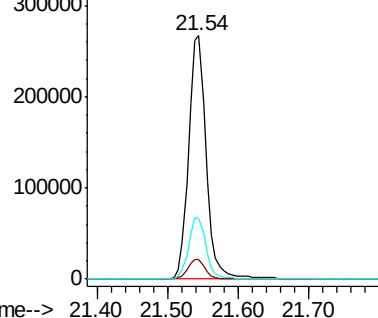


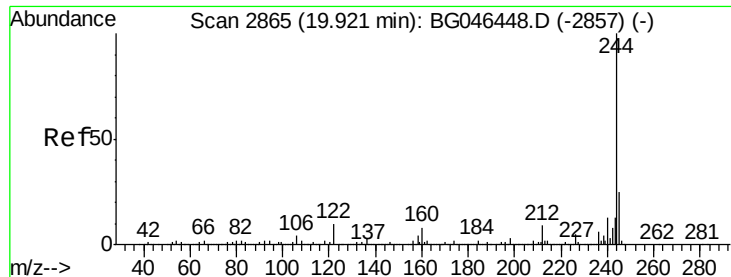
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046655.D
Acq: 17 Sep 2020 00:43

Tgt Ion:240 Resp: 462802
Ion Ratio Lower Upper
240 100
120 7.9 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: 83.087 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046655.D

Acq: 17 Sep 2020 00:43

Instrument :

BNA_G

ClientSampleId :

VNJ-220

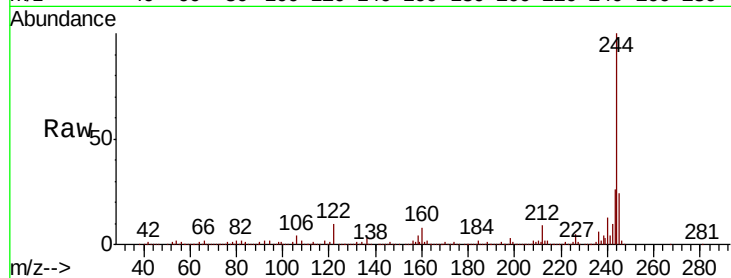
Tot Ion:244 Resp: 1806851

Ion Ratio Lower Upper

244 100

212 8.8 6.7 10.1

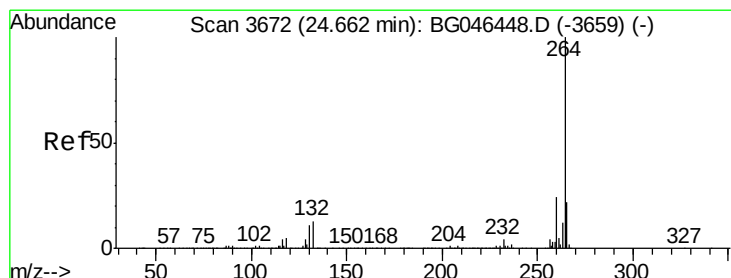
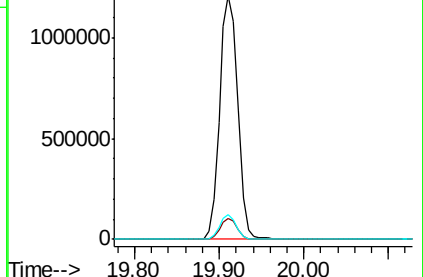
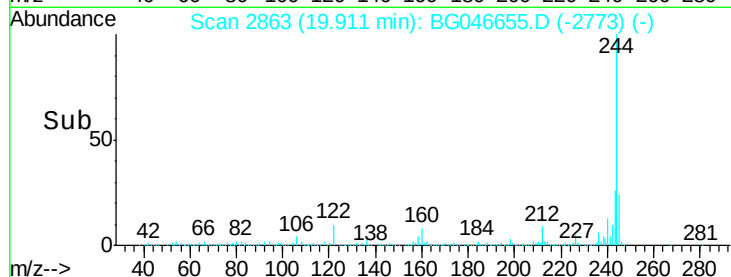
122 10.3 7.8 11.6



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

Perylene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BG046655.D

Acq: 17 Sep 2020 00:43

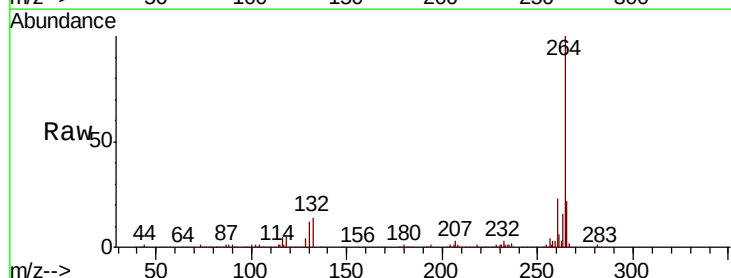
Tgt Ion:264 Resp: 447130

Ion Ratio Lower Upper

264 100

260 23.1 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

