

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042293.D
 Acq On : 17 Aug 2019 16:44
 Operator : HP/JU
 Sample : K4371-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-222

Quant Time: Aug 19 07:28:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	61474	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	226149	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	164921	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	399871	20.00	ng	0.00
76) Chrysene-d12	21.69	240	480379	20.00	ng	0.00
87) Perylene-d12	24.94	264	546756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	402795	127.48	ng	0.00
7) Phenol-d6	7.17	99	482681	113.31	ng	0.00
23) Nitrobenzene-d5	9.17	82	343032	104.38	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	337583	180.21	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1038680	111.08	ng	0.00
79) Terphenyl-d14	20.03	244	1977804	94.21	ng	0.00

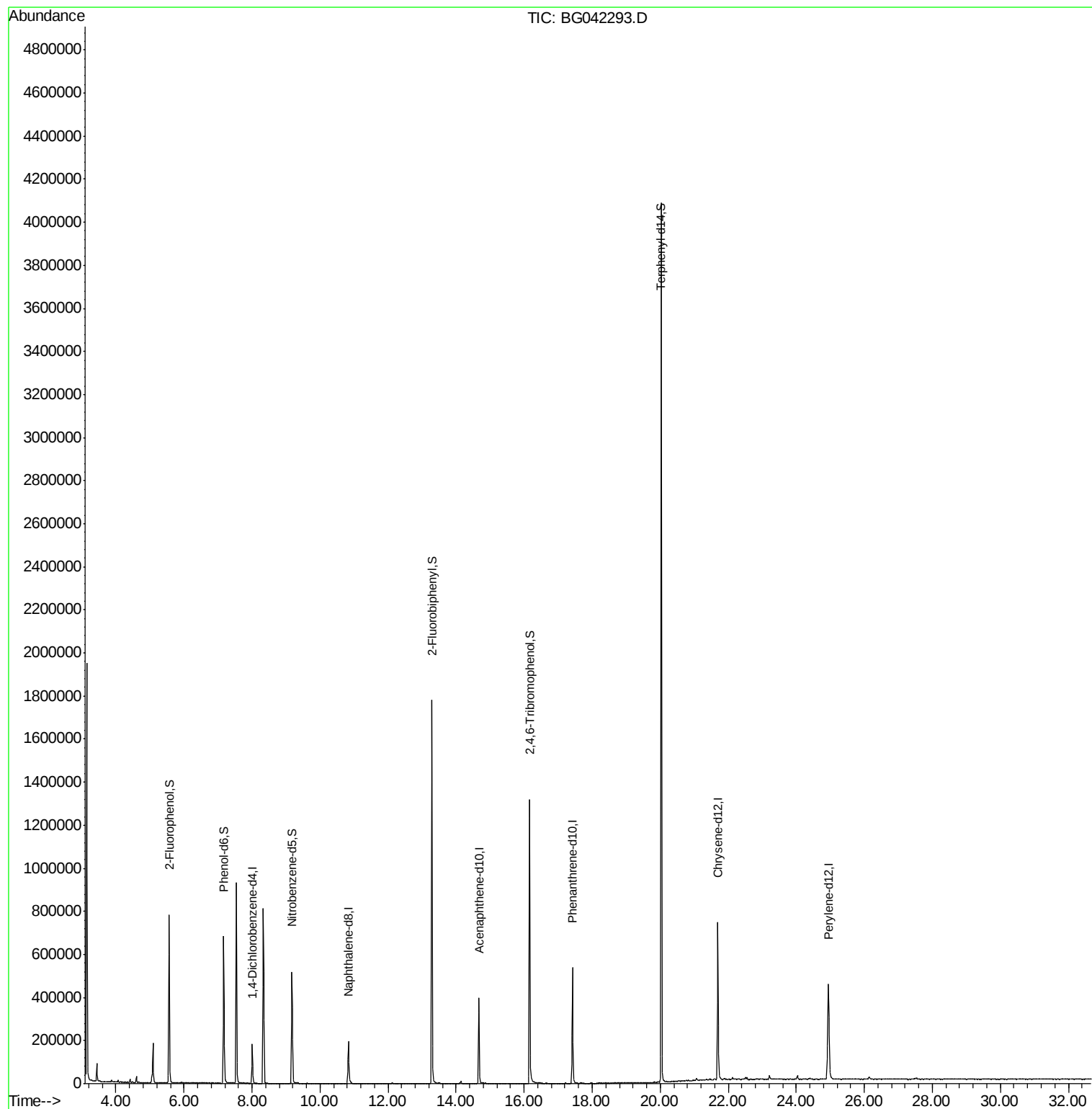
Target Compounds Qvalue

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

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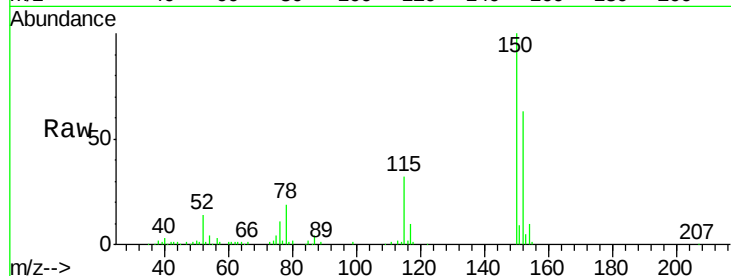


#1

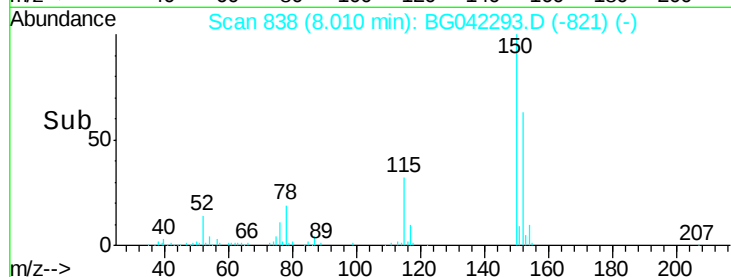
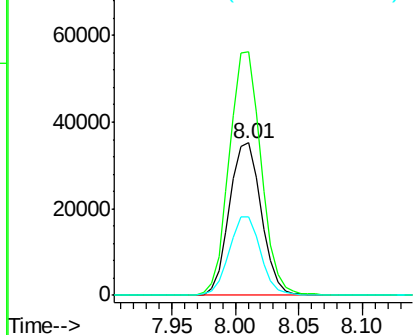
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Instrument :
BNA_G
ClientSampleId :
VNJ-222

Tot Ion:152 Resp: 61474
Ion Ratio Lower Upper
152 100
150 160.0 126.9 190.3
115 51.5 45.0 67.6



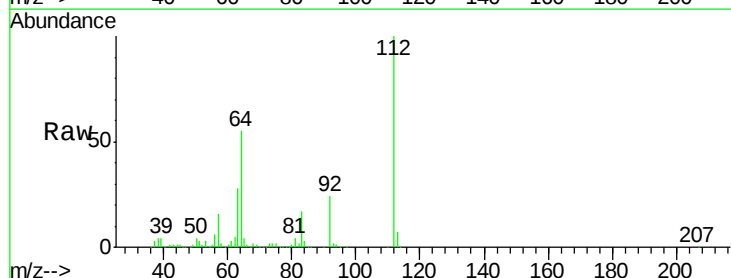
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



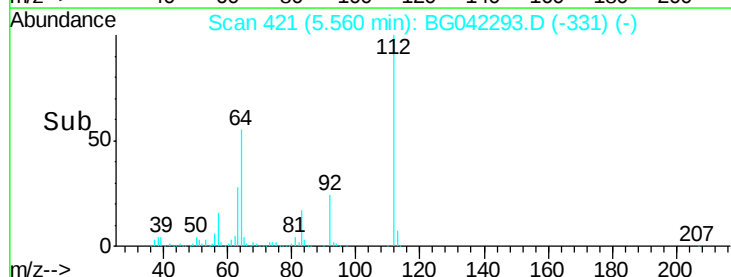
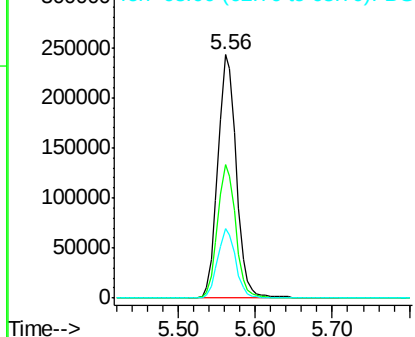
#5

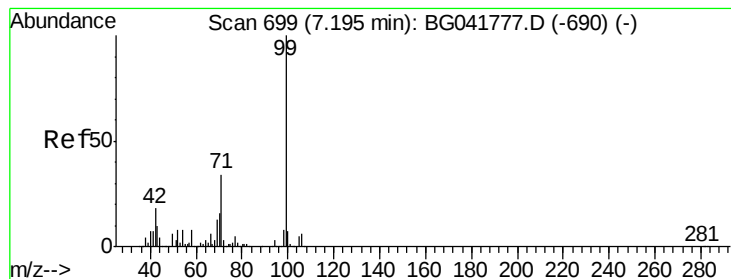
2-Fluorophenol
Concen: 127.483 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Tgt Ion:112 Resp: 402795
Ion Ratio Lower Upper
112 100
64 55.0 55.4 83.2#
63 28.4 29.1 43.7#



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: 113.314 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG042293.D

Acq: 17 Aug 2019 16:44

Instrument :

BNA_G

ClientSampleId :

VNJ-222

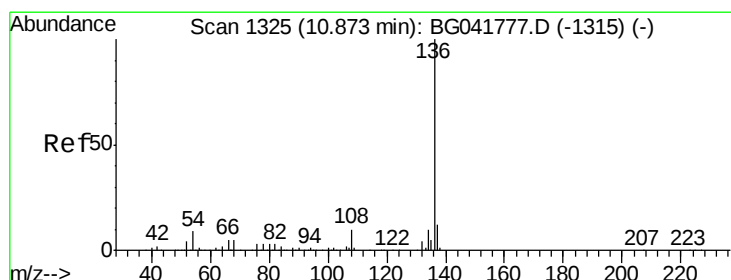
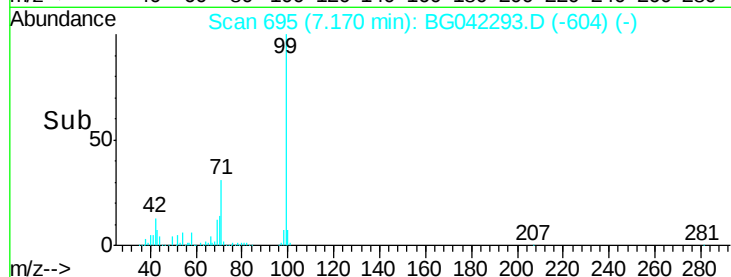
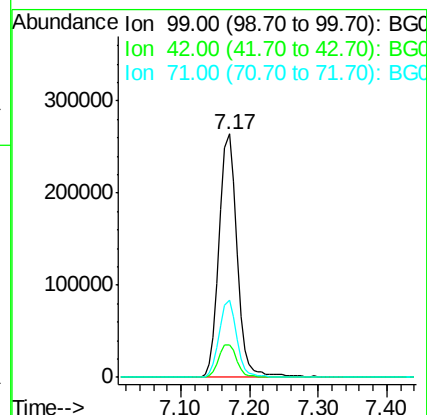
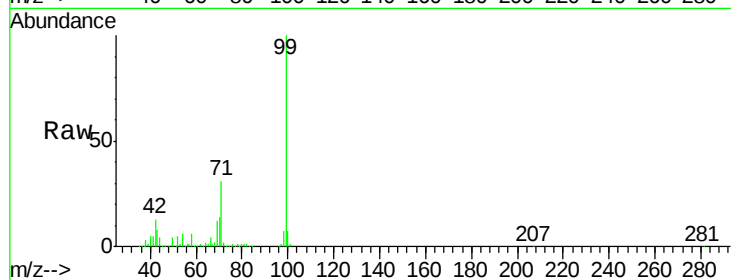
Tot Ion: 99 Resp: 482681

Ion Ratio Lower Upper

99 100

42 13.2 17.6 26.4#

71 31.5 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG042293.D

Acq: 17 Aug 2019 16:44

Tgt Ion: 136 Resp: 226149

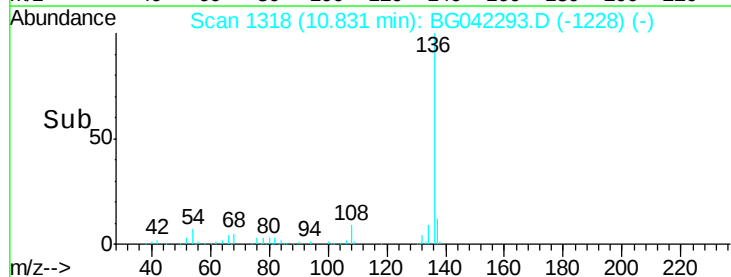
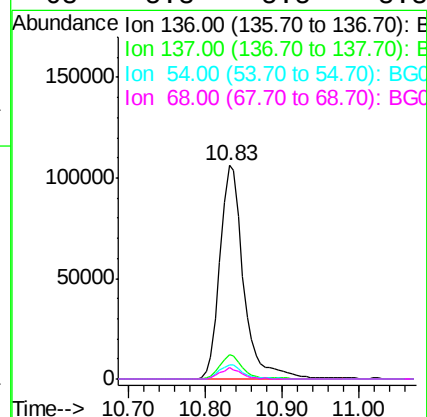
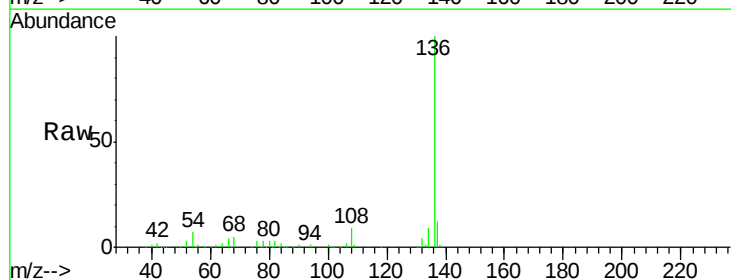
Ion Ratio Lower Upper

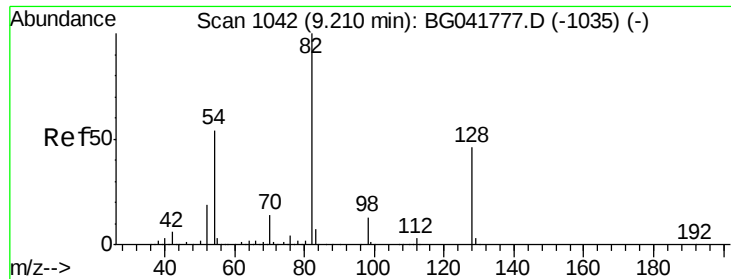
136 100

137 11.6 9.2 13.8

54 6.9 8.7 13.1#

68 5.3 5.5 8.3#

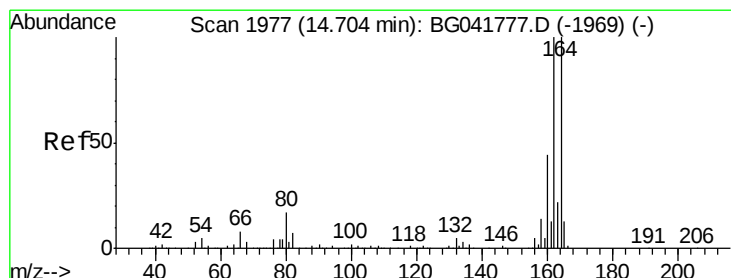
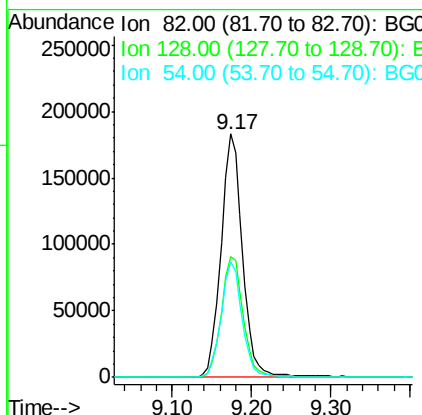
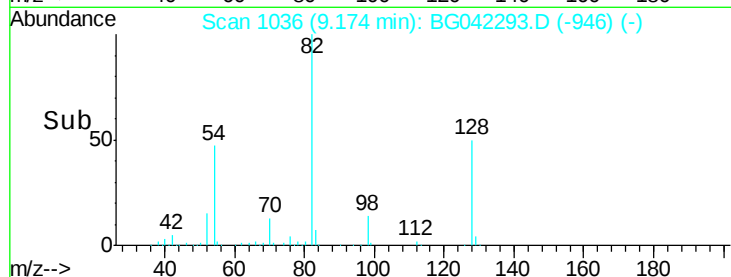
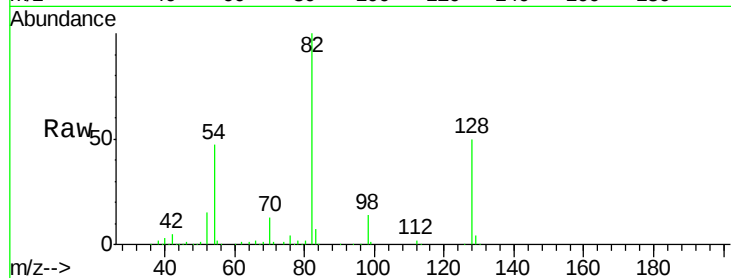




#23
 Nitrobenzene-d5
 Concen: 104.383 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042293.D
 Acq: 17 Aug 2019 16:44

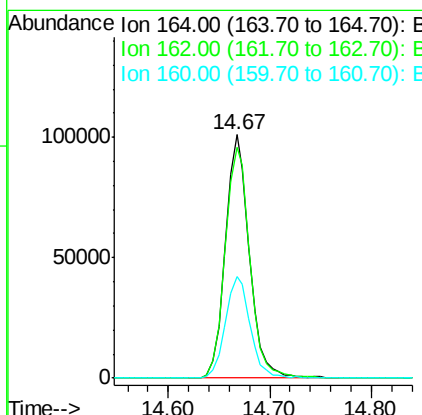
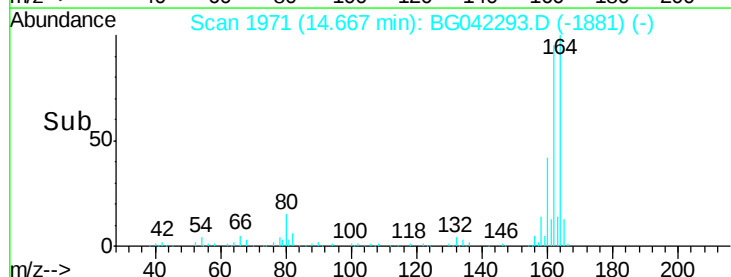
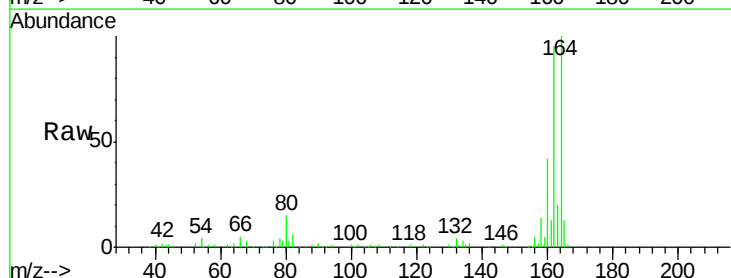
Instrument :
 BNA_G
 ClientSampled :
 VNJ-222

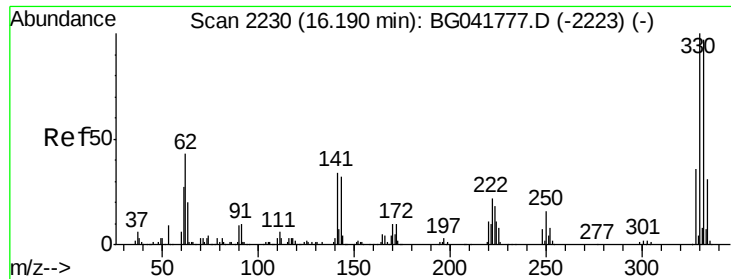
Tot Ion	82	Resp	343032
Ion Ratio	Lower	Upper	
82	100		
128	49.8	35.1	52.7
54	47.5	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG042293.D
 Acq: 17 Aug 2019 16:44

Tgt Ion	164	Resp	164921
Ion Ratio	Lower	Upper	
164	100		
162	94.9	79.6	119.4
160	41.9	35.4	53.0

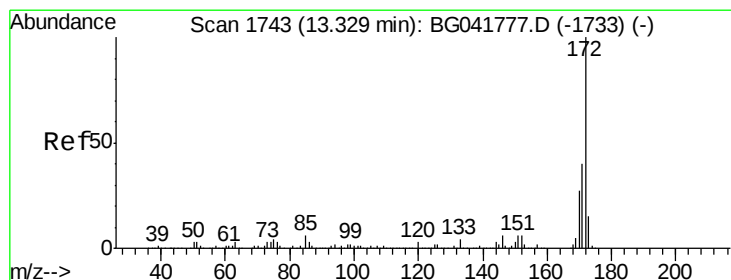
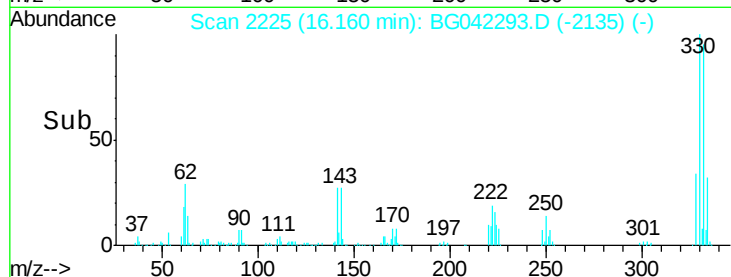
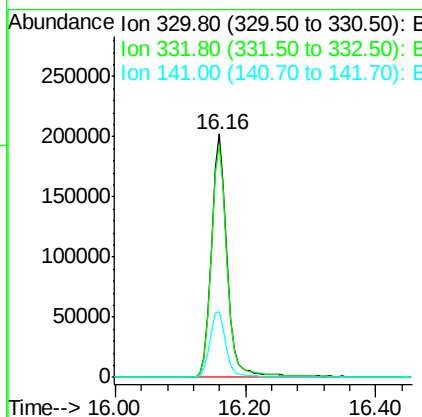
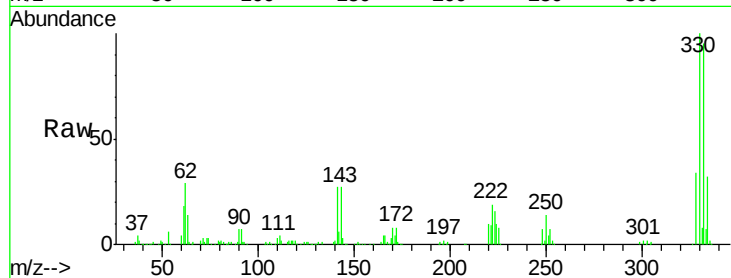




#42
 2,4,6-Tribromophenol
 Concen: 180.210 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG042293.D
 Acq: 17 Aug 2019 16:44

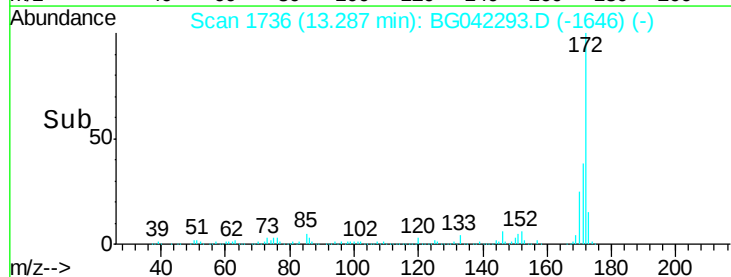
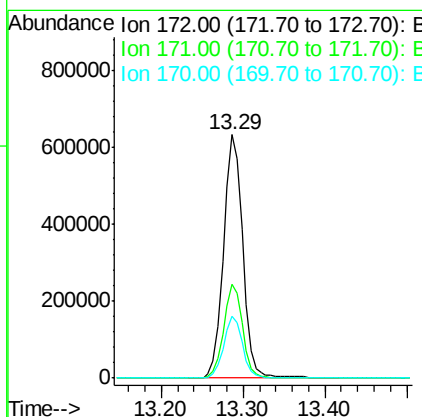
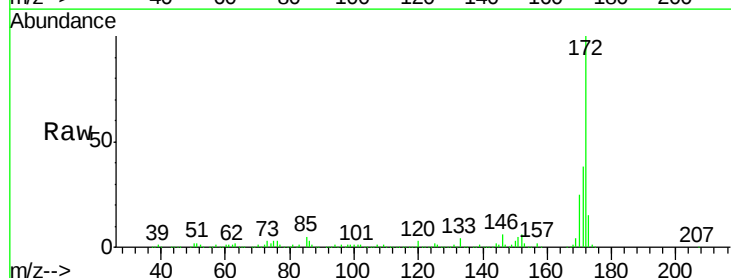
Instrument :
 BNA_G
 ClientSampled :
 VNJ-222

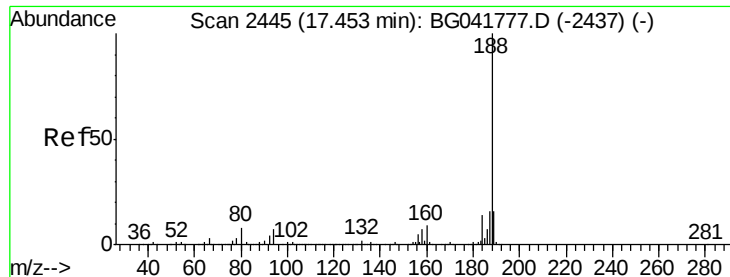
Tot Ion:330 Resp: 337583
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.0
 141 28.0 31.9 47.9#



#45
 2-Fluorobiphenyl
 Concen: 111.080 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG042293.D
 Acq: 17 Aug 2019 16:44

Tgt Ion:172 Resp: 1038680
 Ion Ratio Lower Upper
 172 100
 171 38.3 35.0 52.4
 170 25.2 23.5 35.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG042293.D

Acq: 17 Aug 2019 16:44

Instrument :

BNA_G

ClientSampleId :

VNJ-222

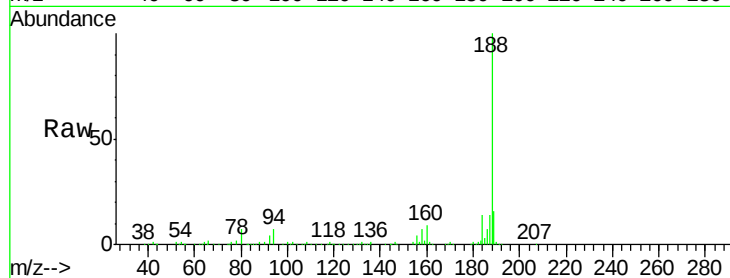
Tot Ion:188 Resp: 399871

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

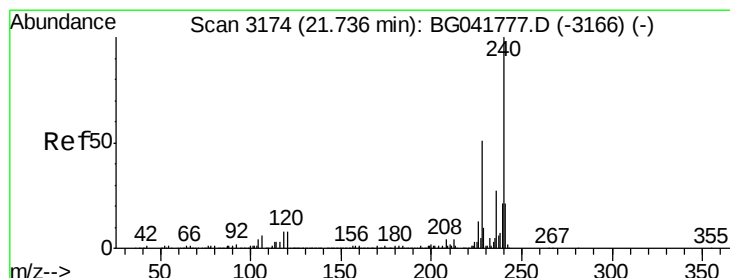
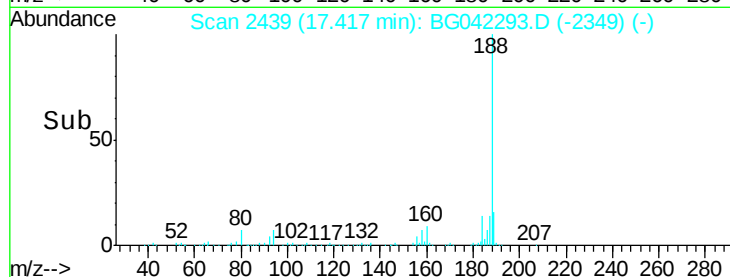
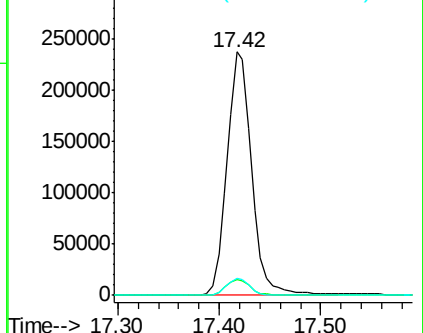
80 7.2 8.0 12.0#



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: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG042293.D

Acq: 17 Aug 2019 16:44

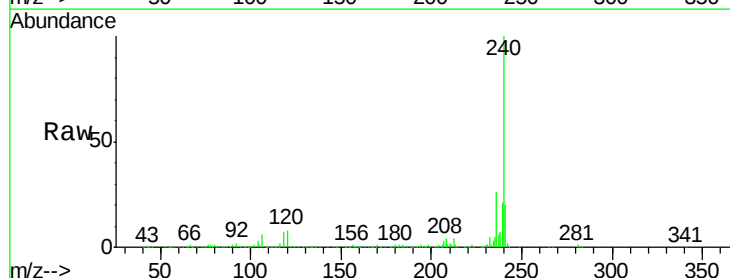
Tgt Ion:240 Resp: 480379

Ion Ratio Lower Upper

240 100

120 8.2 8.0 12.0

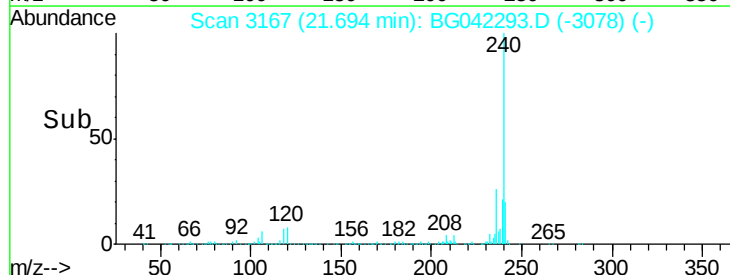
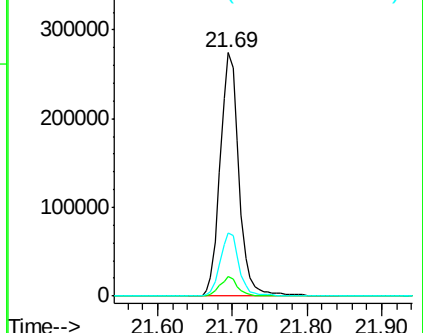
236 26.0 22.6 33.8

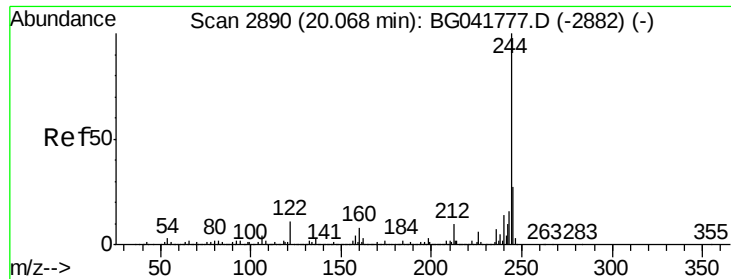


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.212 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG042293.D

Acq: 17 Aug 2019 16:44

Instrument :

BNA_G

ClientSampleId :

VNJ-222

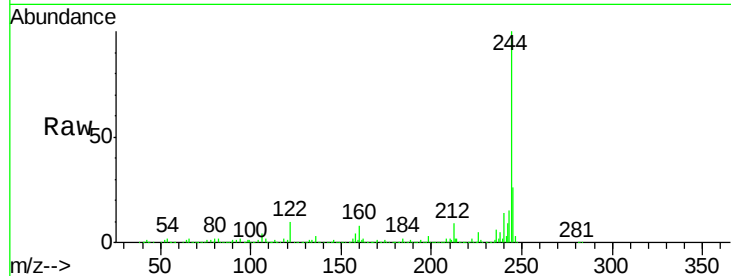
Tot Ion:244 Resp: 1977804

Ion Ratio Lower Upper

244 100

212 8.8 9.7 14.5#

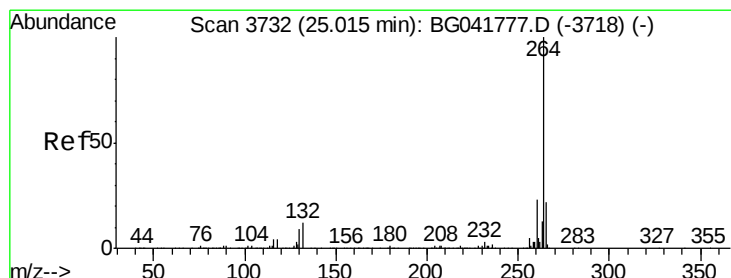
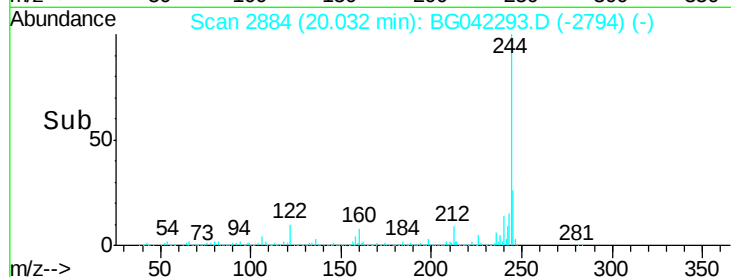
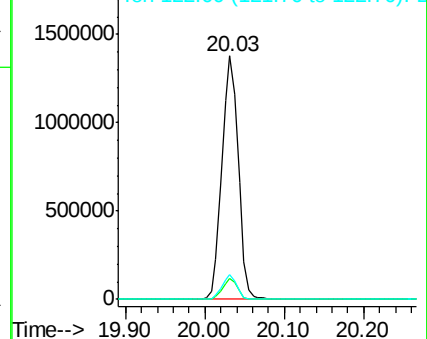
122 10.1 12.5 18.7#



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: 24.94 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BG042293.D

Acq: 17 Aug 2019 16:44

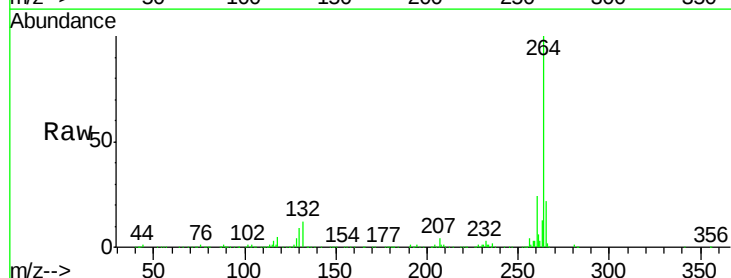
Tgt Ion:264 Resp: 546756

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.5 18.0 27.0



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

