

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041291.D
 Acq On : 18 Jun 2019 3:55
 Operator : HP/JU
 Sample : K3154-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-D

Quant Time: Jun 18 08:23:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33883	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	129190	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	95133	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	242084	20.00	ng	0.00
76) Chrysene-d12	21.74	240	250319	20.00	ng	0.00
87) Perylene-d12	25.04	264	259664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	240081	130.19	ng	0.00
7) Phenol-d6	7.24	99	307258	114.95	ng	0.00
23) Nitrobenzene-d5	9.26	82	288420	93.89	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	202454	138.62	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	666093	95.16	ng	0.00
79) Terphenyl-d14	20.06	244	1235772	97.84	ng	0.00

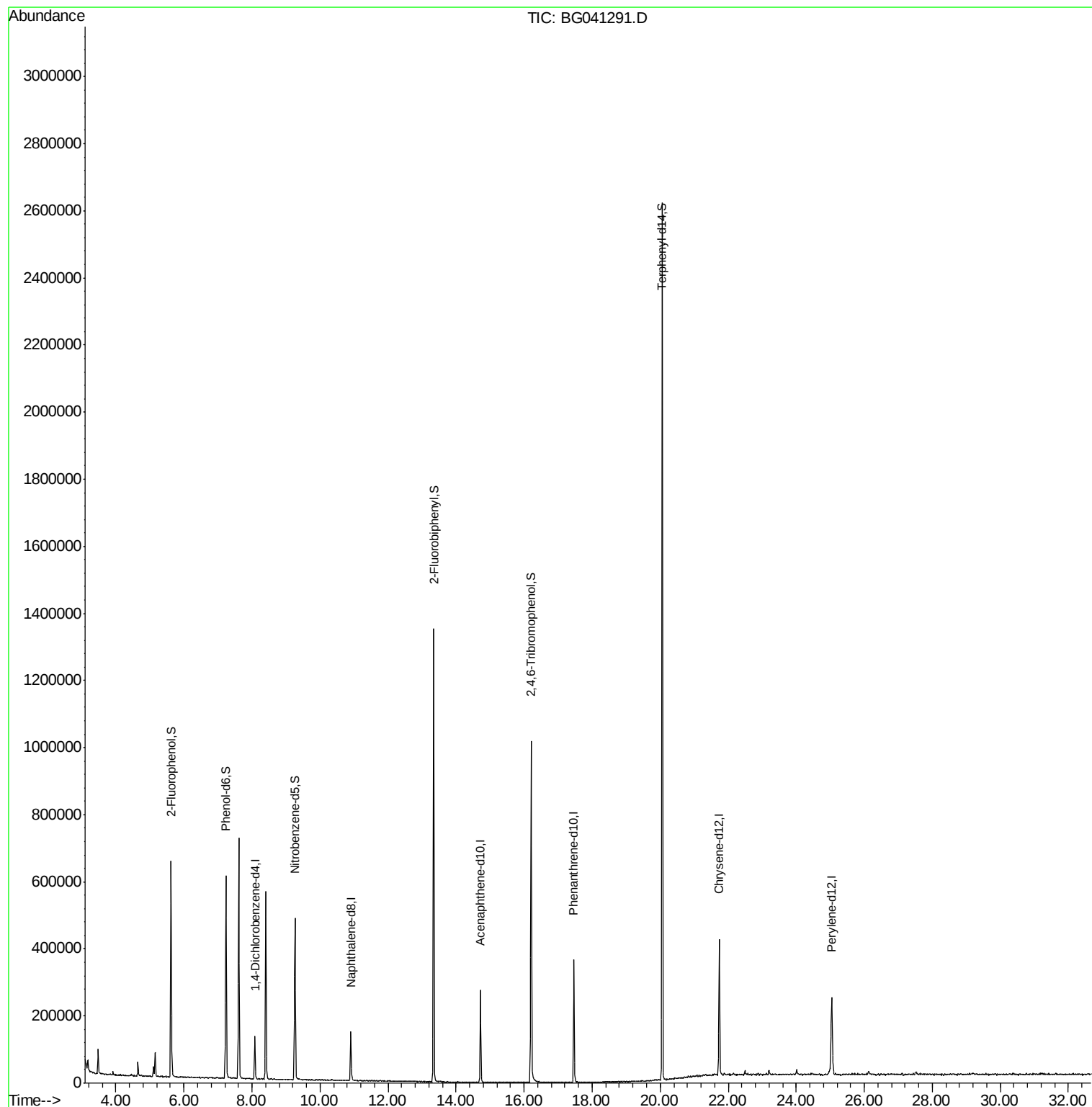
Target Compounds Qvalue

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

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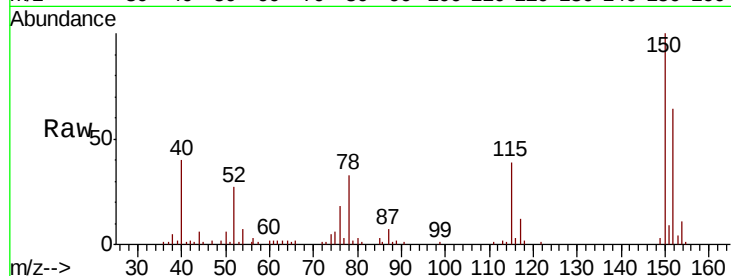


#1

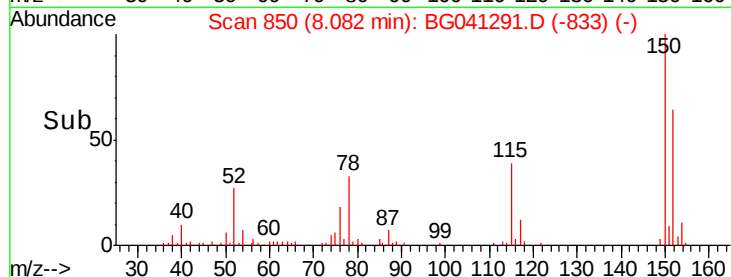
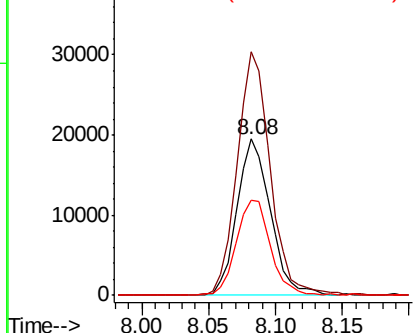
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041291.D
Acq: 18 Jun 2019 3:55

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-D

Tot Ion:152 Resp: 33883
Ion Ratio Lower Upper
152 100
150 156.1 120.6 181.0
115 60.9 47.9 71.9



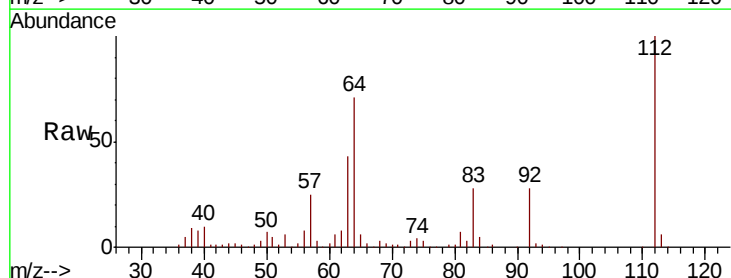
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



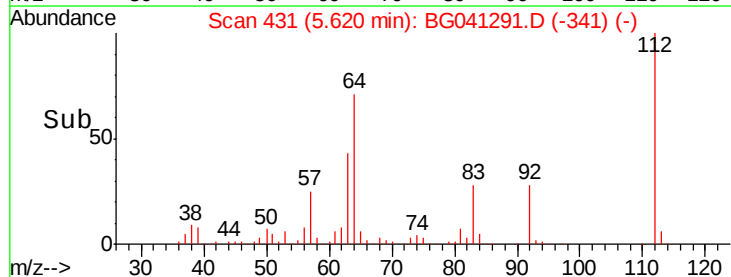
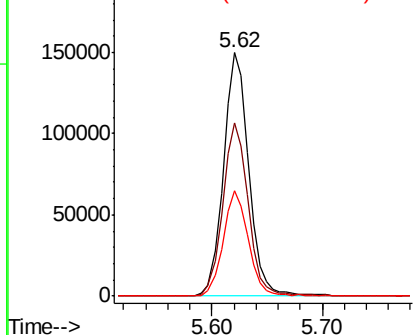
#5

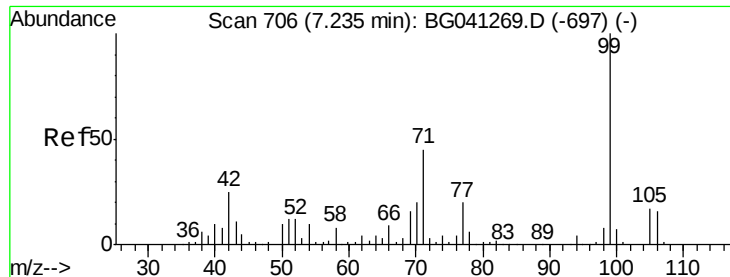
2-Fluorophenol
Concen: 130.192 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041291.D
Acq: 18 Jun 2019 3:55

Tgt Ion:112 Resp: 240081
Ion Ratio Lower Upper
112 100
64 71.1 55.9 83.9
63 43.4 34.6 51.8



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: 114.950 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041291.D

Acq: 18 Jun 2019 3:55

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-D

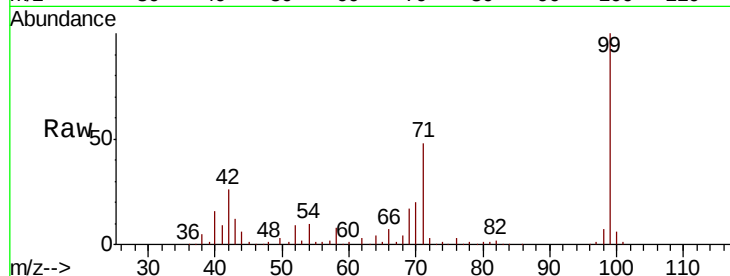
Tot Ion: 99 Resp: 307258

Ion Ratio Lower Upper

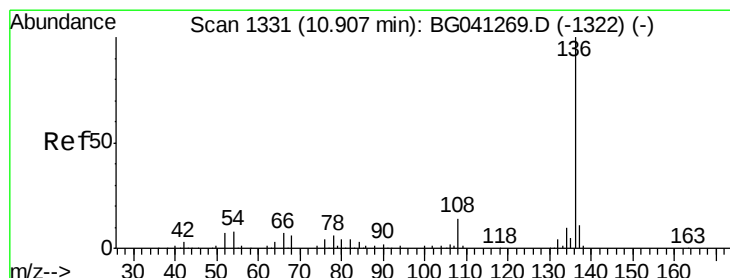
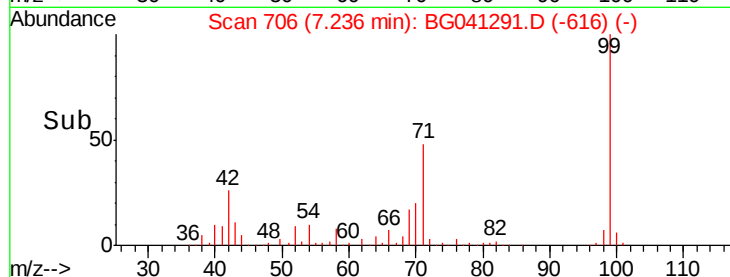
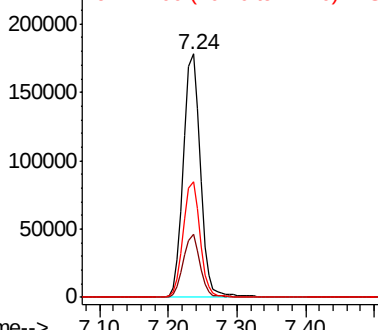
99 100

42 26.1 19.9 29.9

71 47.7 36.4 54.6



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: 10.91 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BG041291.D

Acq: 18 Jun 2019 3:55

Tgt Ion: 136 Resp: 129190

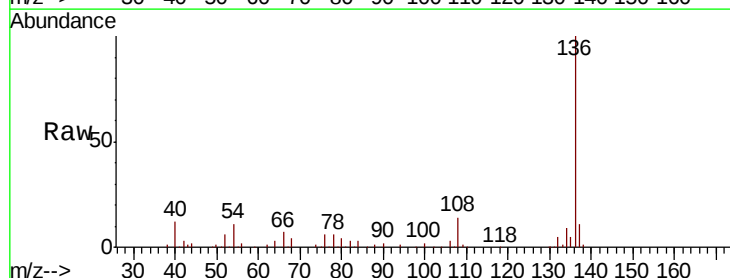
Ion Ratio Lower Upper

136 100

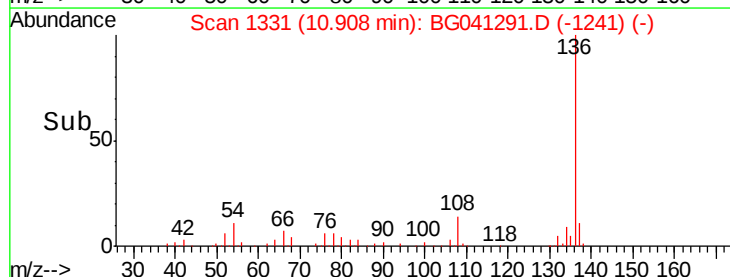
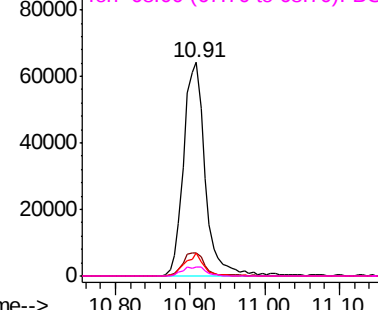
137 10.9 8.8 13.2

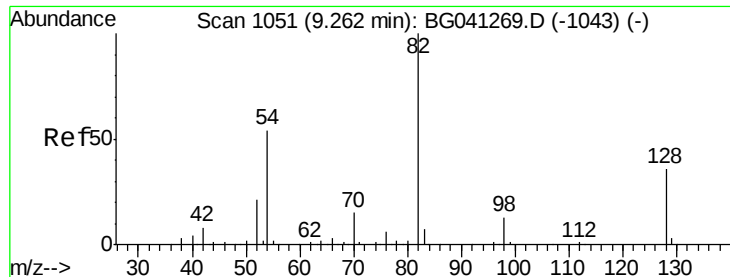
54 10.6 6.4 9.6#

68 4.5 4.8 7.2#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

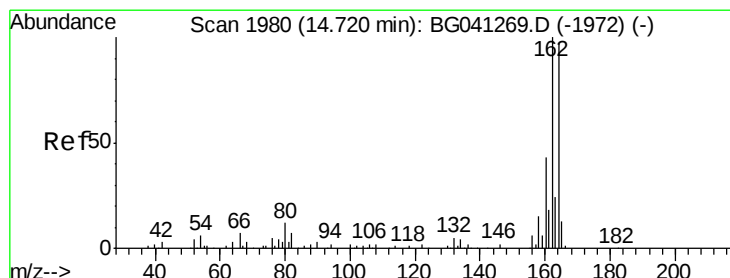
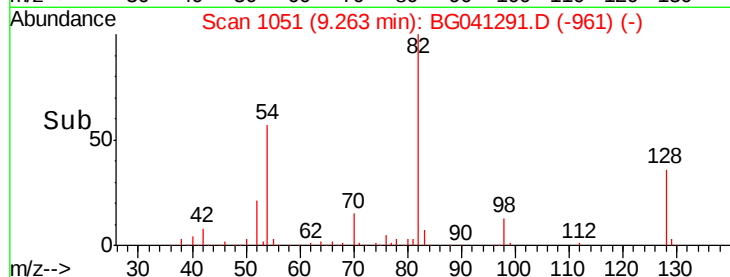
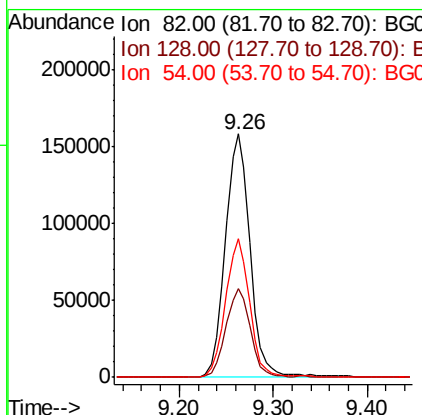
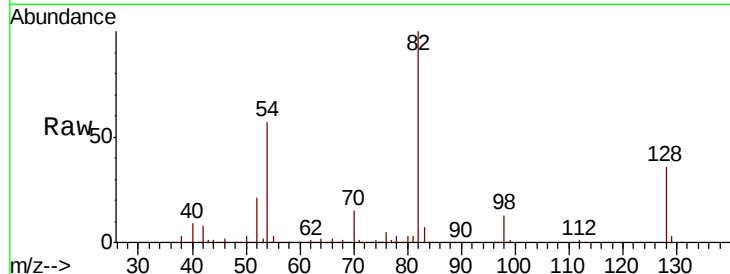




#23
 Nitrobenzene-d5
 Concen: 93.892 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041291.D
 Acq: 18 Jun 2019 3:55

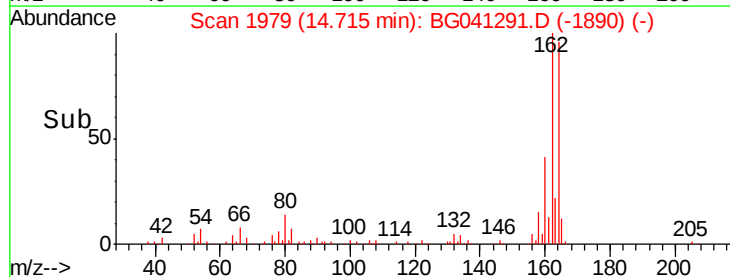
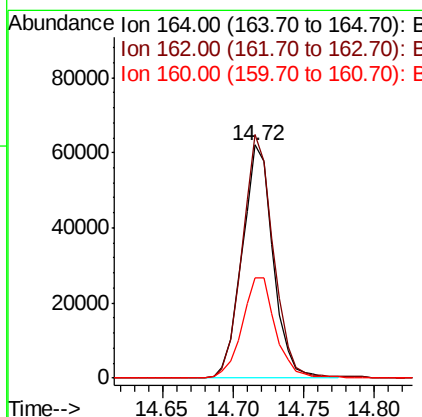
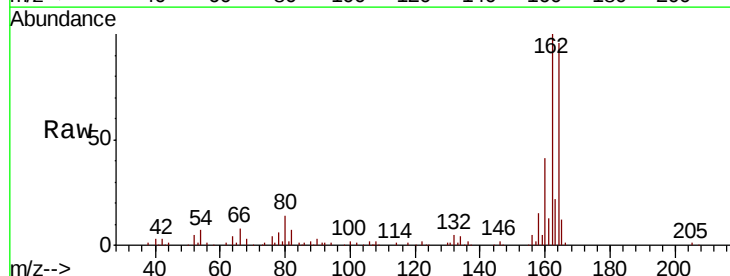
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-D

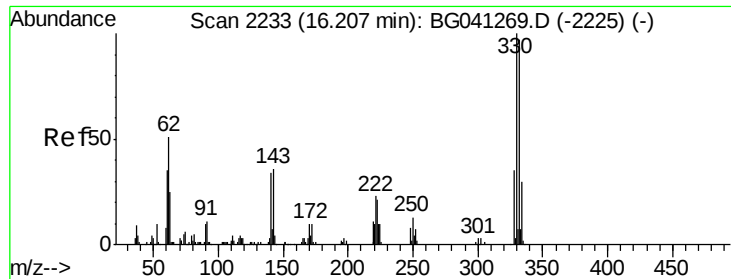
Tot Ion	82	Resp	288420
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.2	43.8
54	56.7	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG041291.D
 Acq: 18 Jun 2019 3:55

Tgt Ion	164	Resp	95133
Ion Ratio	Lower	Upper	
164	100		
162	104.6	82.8	124.2
160	42.9	35.8	53.8

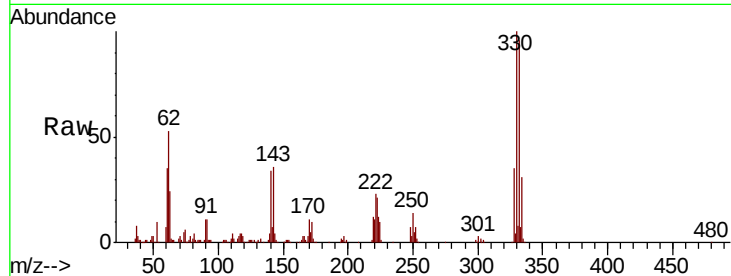




#42
 2,4,6-Tribromophenol
 Concen: 138.619 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041291.D
 Acq: 18 Jun 2019 3:55

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.5	113.3
141	37.3	29.0	43.4

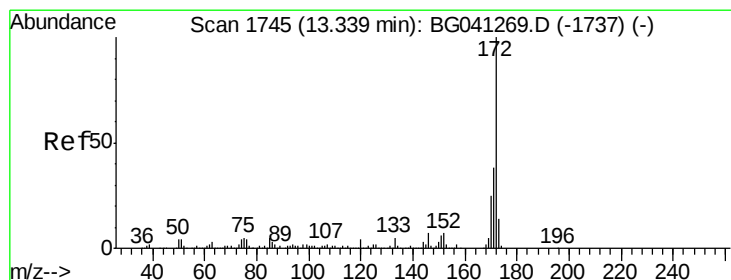
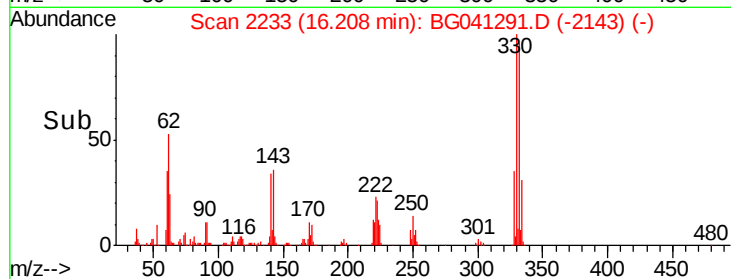
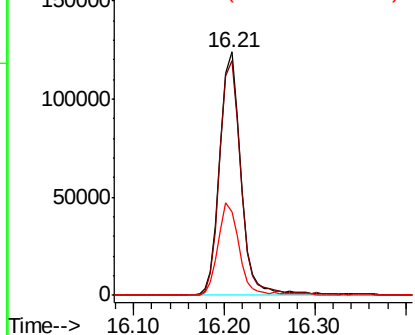


Abundance

Ion 329.80 (329.50 to 330.50): E

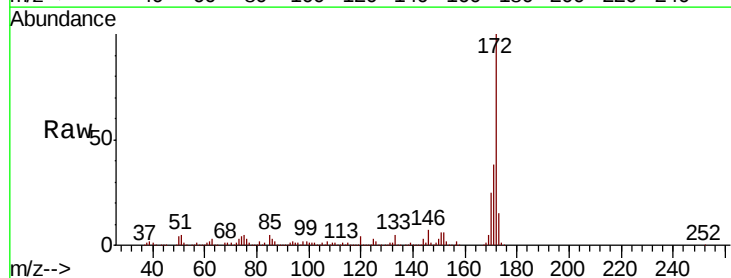
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.164 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG041291.D
 Acq: 18 Jun 2019 3:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.5	19.8	29.6

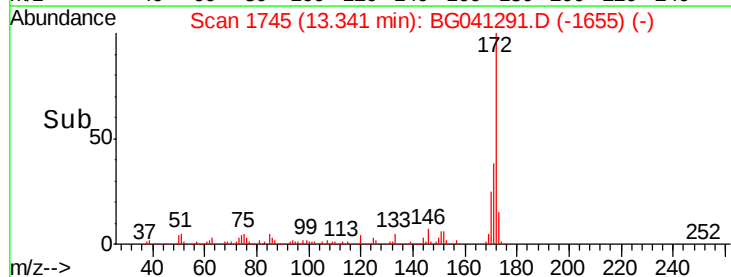
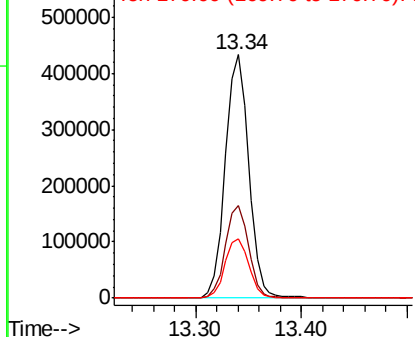


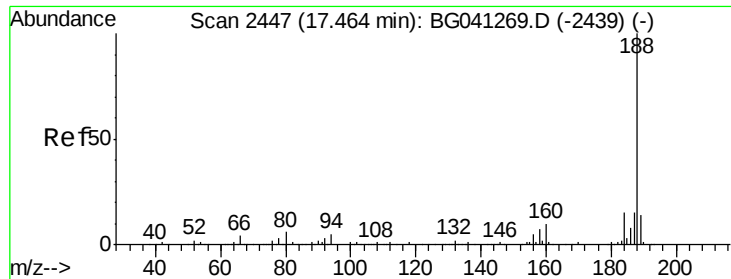
Abundance

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

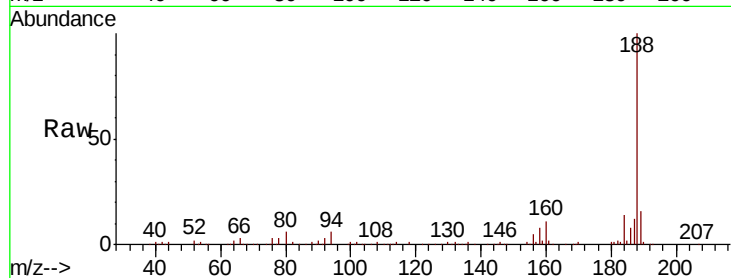




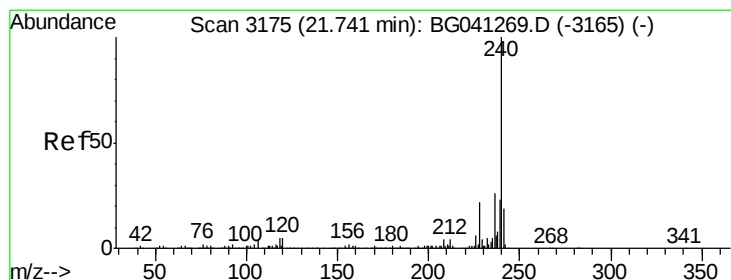
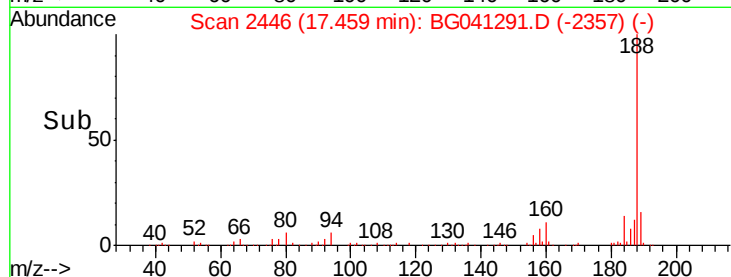
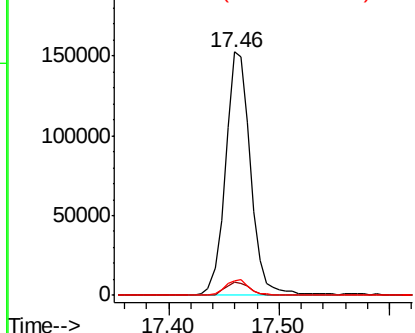
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041291.D
Acq: 18 Jun 2019 3:55

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-D

Tot Ion:188 Resp: 242084
Ion Ratio Lower Upper
188 100
94 5.7 3.6 5.4#
80 6.2 4.8 7.2

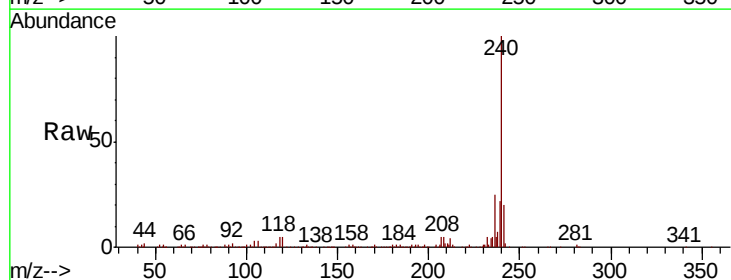


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

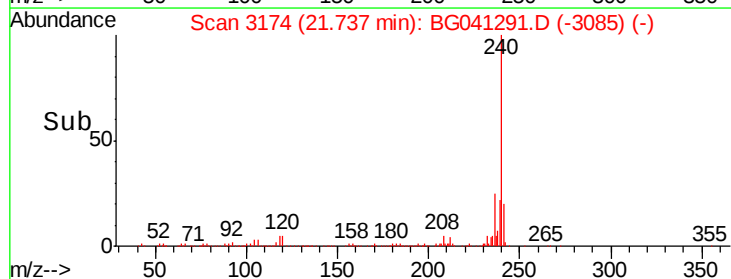
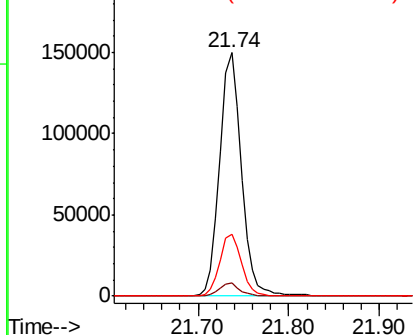


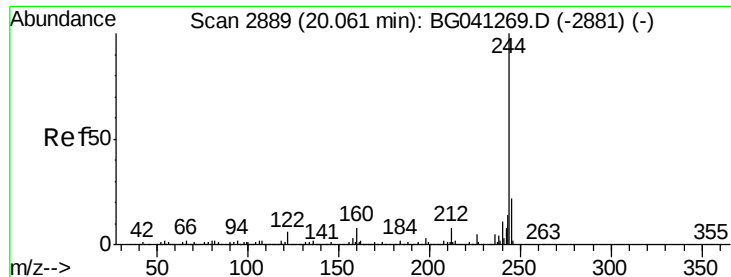
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041291.D
Acq: 18 Jun 2019 3:55

Tgt Ion:240 Resp: 250319
Ion Ratio Lower Upper
240 100
120 5.3 3.7 5.5
236 25.2 21.1 31.7



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: 97.837 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041291.D

Acq: 18 Jun 2019 3:55

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-D

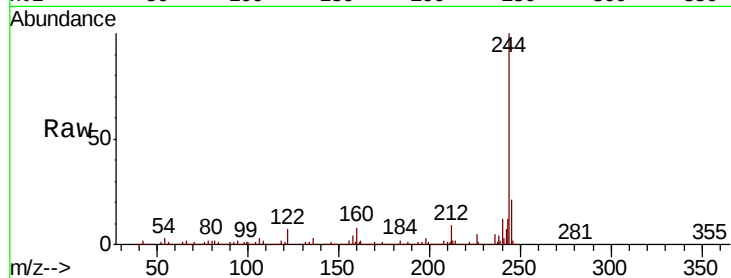
Tot Ion:244 Resp: 1235772

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

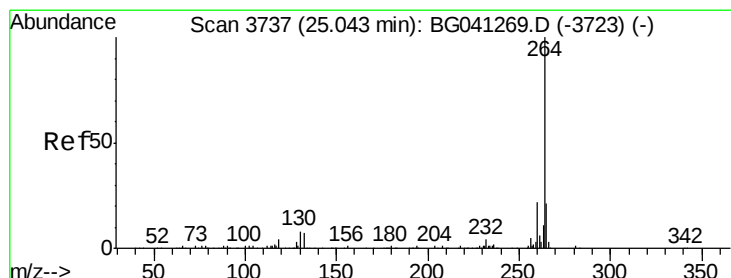
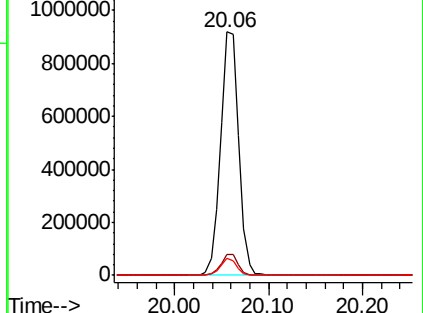
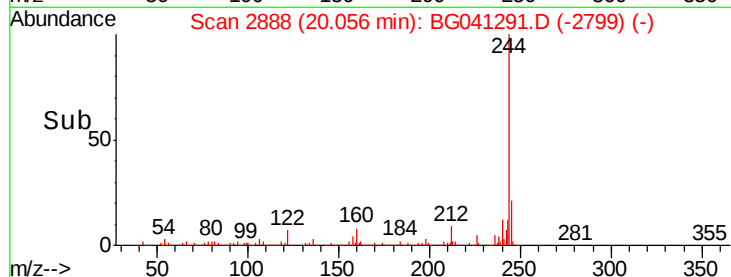
122 7.0 5.0 7.4



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: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041291.D

Acq: 18 Jun 2019 3:55

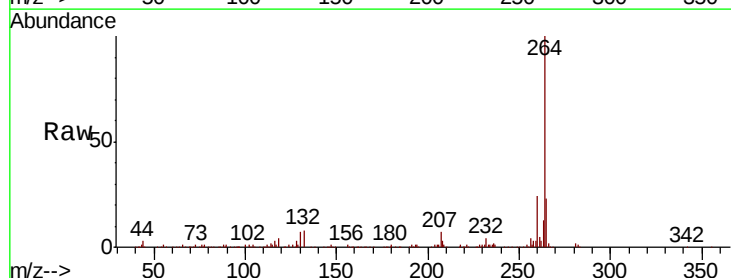
Tgt Ion:264 Resp: 259664

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.2

265 23.3 17.2 25.8



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

