

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
 Data File : BG042364.D
 Acq On : 20 Aug 2019 19:18
 Operator : HP/JU
 Sample : PB122401BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BL

Quant Time: Aug 21 05:03:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	70972	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	263678	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	188265	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	441105	20.00	ng	0.00
76) Chrysene-d12	21.69	240	470667	20.00	ng	0.00
87) Perylene-d12	24.93	264	537651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	495915	141.57	ng	0.00
7) Phenol-d6	7.17	99	654771	137.63	ng	0.00
23) Nitrobenzene-d5	9.17	82	369580	98.58	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	366237	142.83	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1125278	101.14	ng	0.00
79) Terphenyl-d14	20.03	244	1955563	91.00	ng	0.00

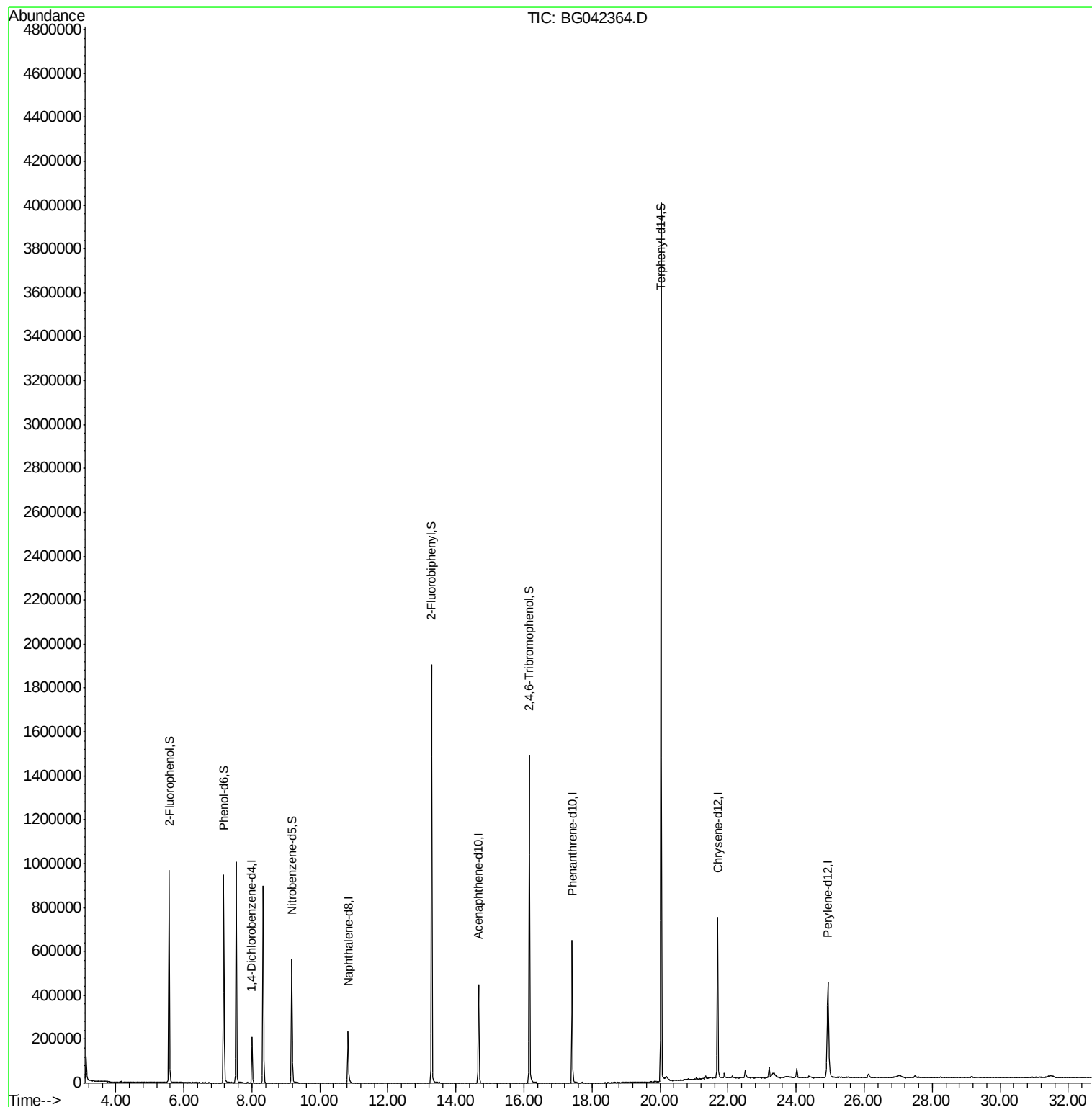
Target Compounds Qvalue

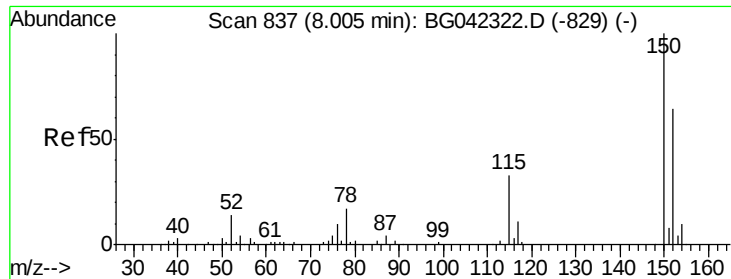
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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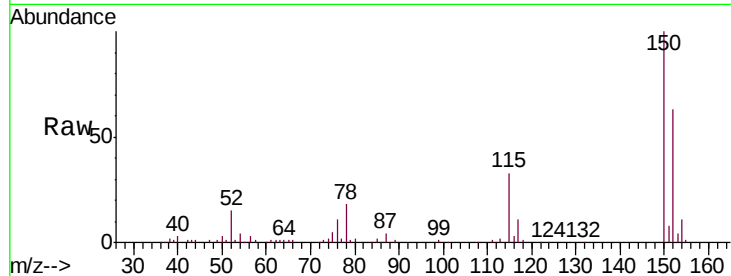


#1

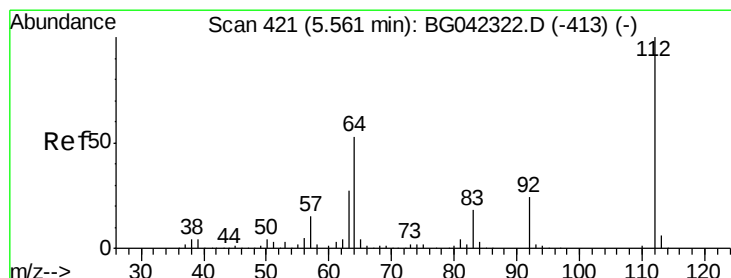
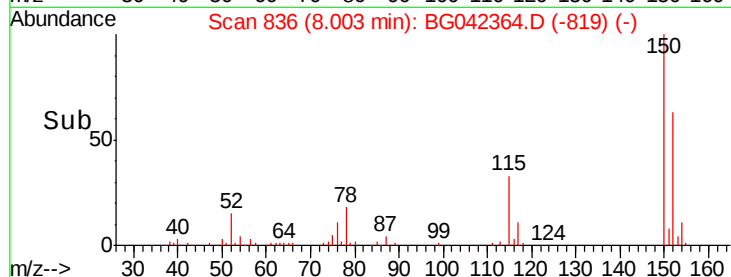
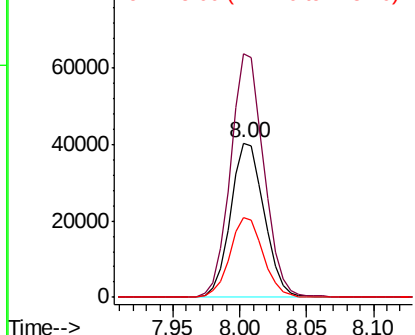
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042364.D
Acq: 20 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :
PB122401BL

Tot Ion:152 Resp: 70972
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 51.9 40.5 60.7



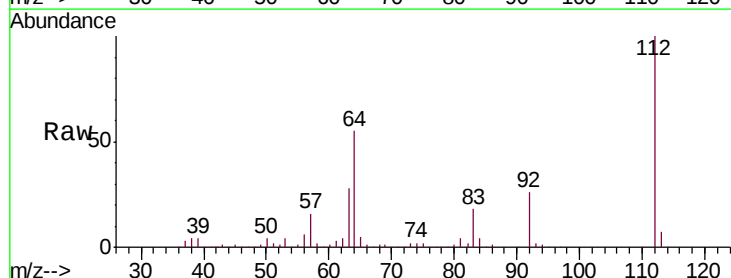
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



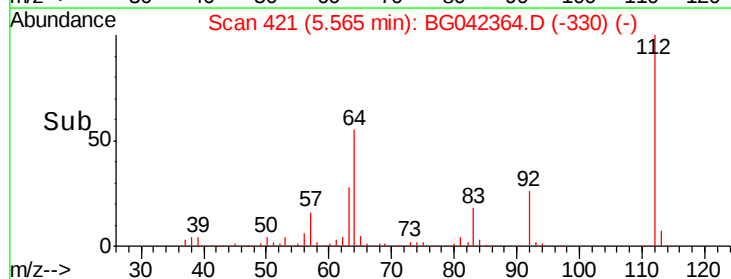
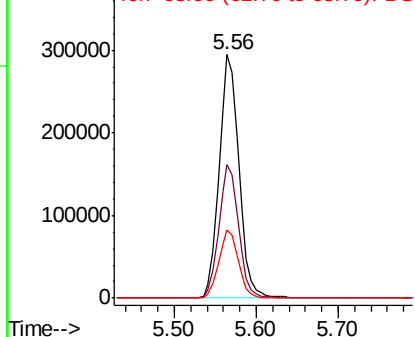
#5

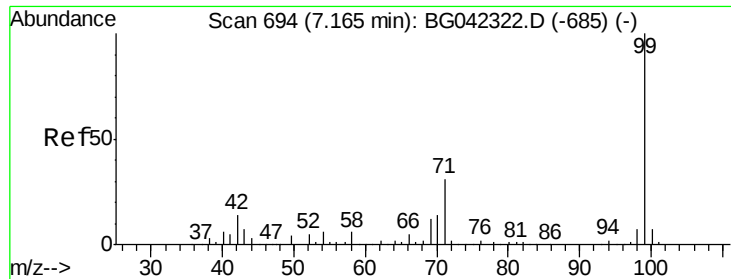
2-Fluorophenol
Concen: 141.573 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042364.D
Acq: 20 Aug 2019 19:18

Tgt Ion:112 Resp: 495915
Ion Ratio Lower Upper
112 100
64 55.1 42.5 63.7
63 28.2 21.7 32.5



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: 137.633 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042364.D

Acq: 20 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

PB122401BL

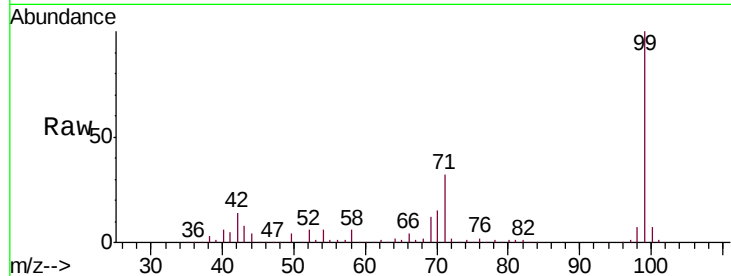
Tot Ion: 99 Resp: 654771

Ion Ratio Lower Upper

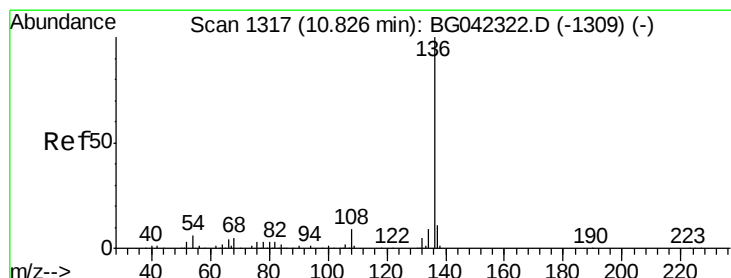
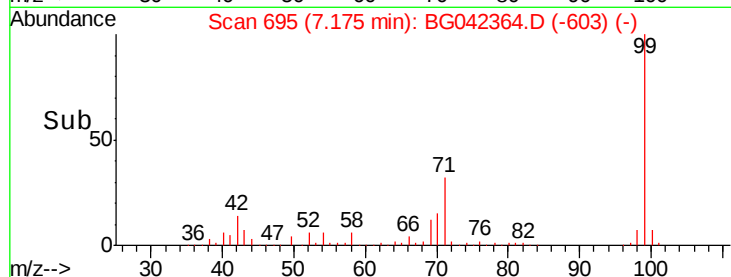
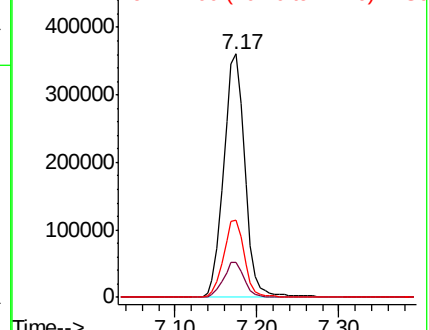
99 100

42 14.2 11.4 17.0

71 31.6 25.1 37.7



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: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042364.D

Acq: 20 Aug 2019 19:18

Tgt Ion: 136 Resp: 263678

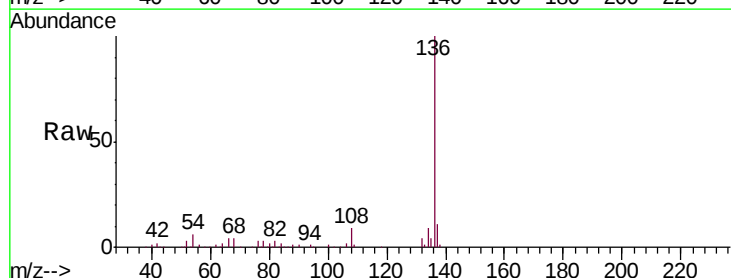
Ion Ratio Lower Upper

136 100

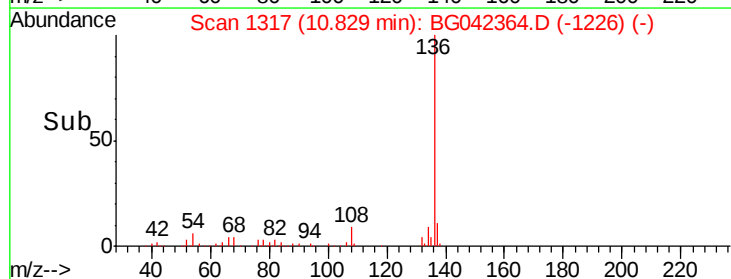
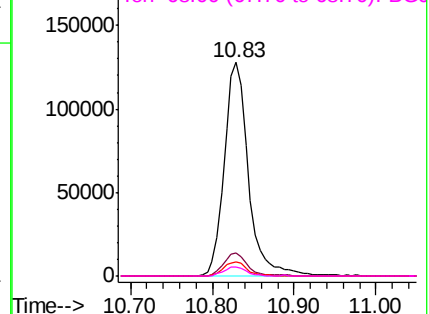
137 10.7 8.4 12.6

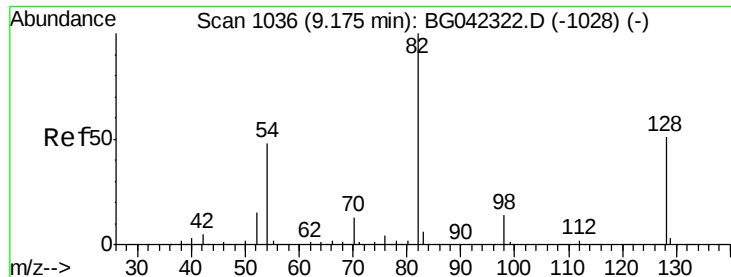
54 6.3 5.0 7.4

68 4.2 3.8 5.8



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

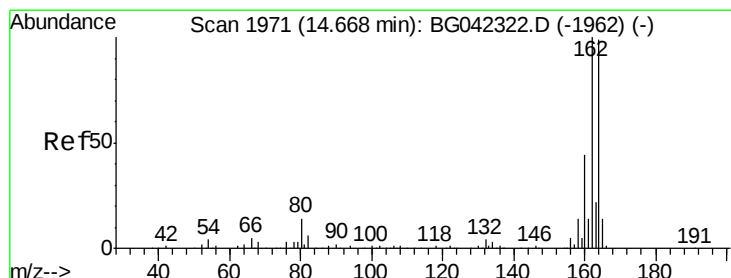
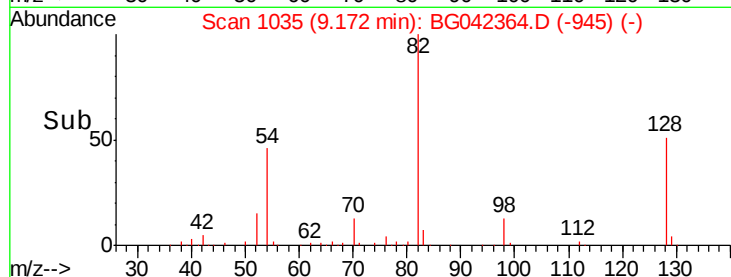
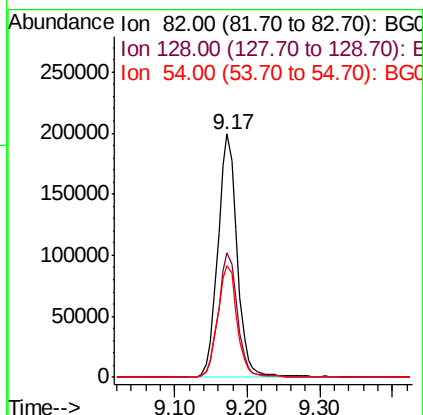
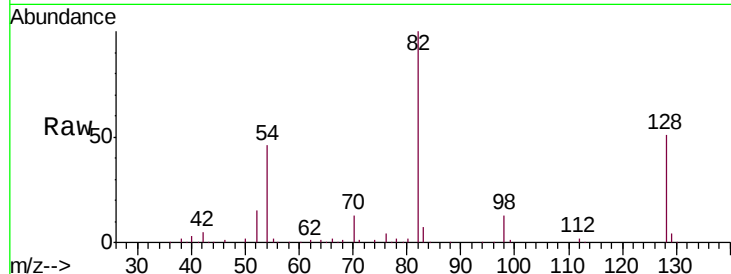




#23
Nitrobenzene-d5
Concen: 98.581 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042364.D
Acq: 20 Aug 2019 19:18

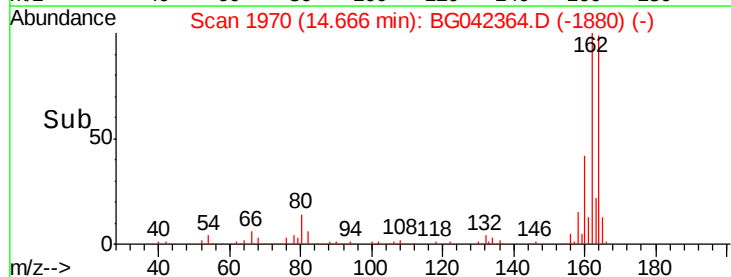
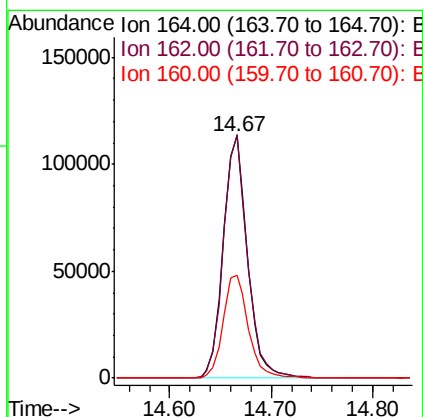
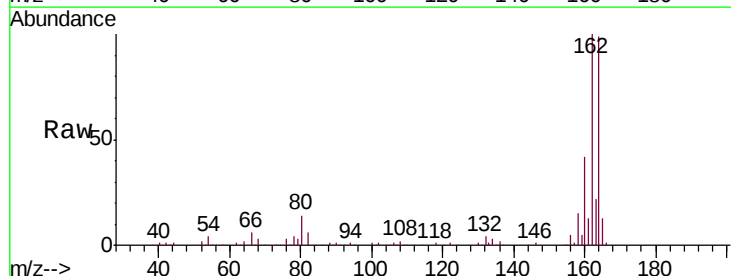
Instrument :
BNA_G
ClientSampleId :
PB122401BL

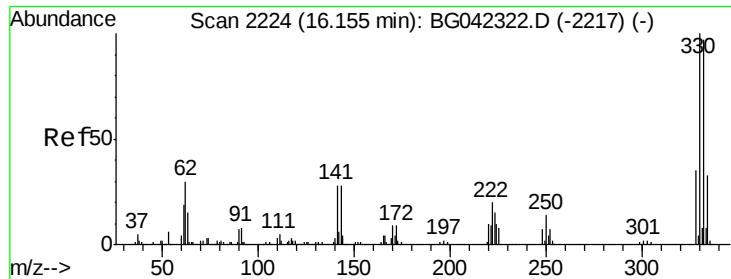
Tot Ion: 82 Resp: 369580
Ion Ratio Lower Upper
82 100
128 51.2 41.0 61.4
54 46.1 38.0 57.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042364.D
Acq: 20 Aug 2019 19:18

Tgt Ion:164 Resp: 188265
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 42.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 142.831 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042364.D

Acq: 20 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

PB122401BL

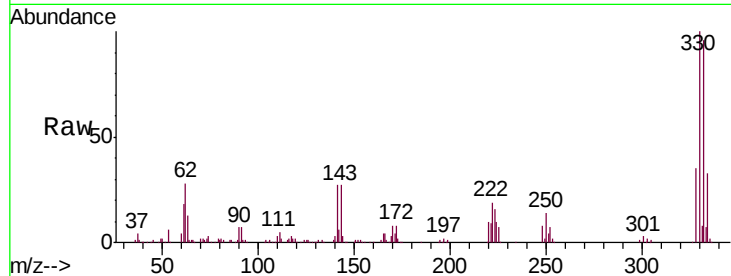
Tot Ion:330 Resp: 366237

Ion Ratio Lower Upper

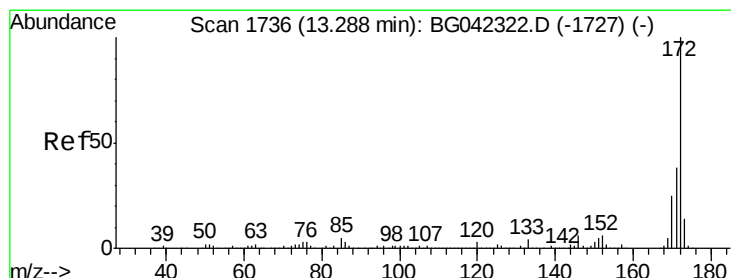
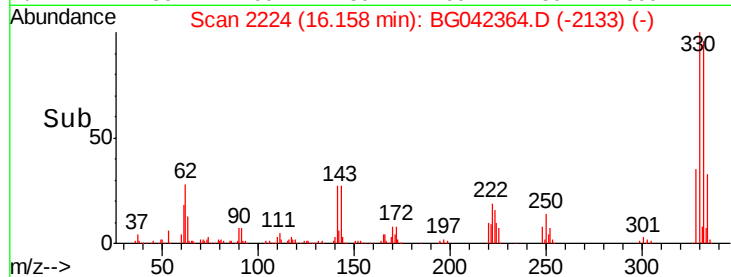
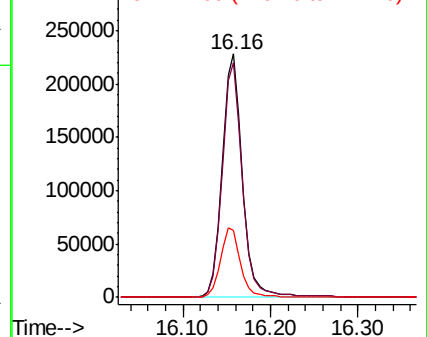
330 100

332 96.8 76.9 115.3

141 28.5 21.8 32.6



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: 101.142 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042364.D

Acq: 20 Aug 2019 19:18

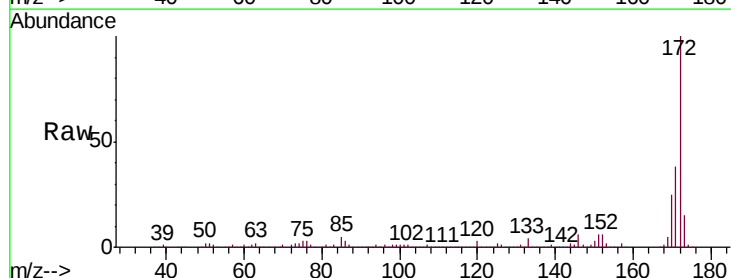
Tgt Ion:172 Resp: 1125278

Ion Ratio Lower Upper

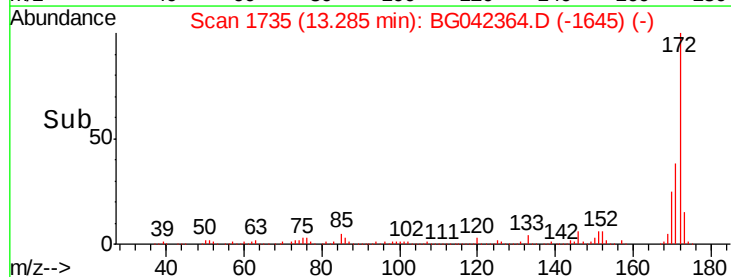
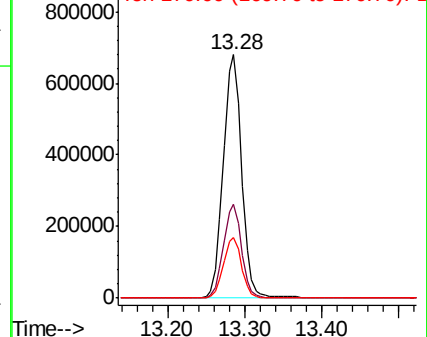
172 100

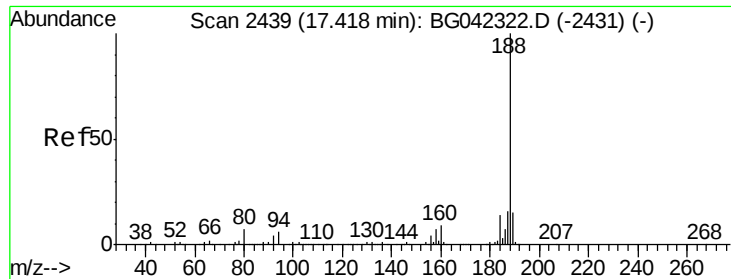
171 38.4 30.3 45.5

170 25.1 20.0 30.0



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: 17.42 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042364.D

Acq: 20 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

PB122401BL

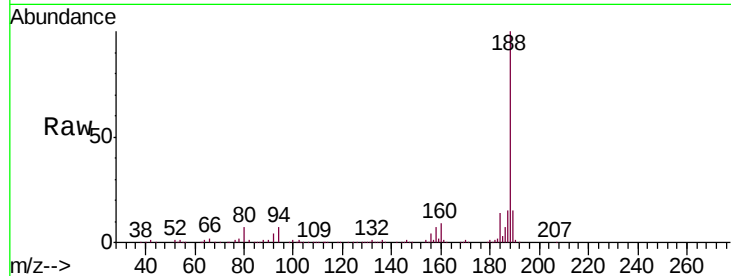
Tot Ion:188 Resp: 441105

Ion Ratio Lower Upper

188 100

94 6.6 4.9 7.3

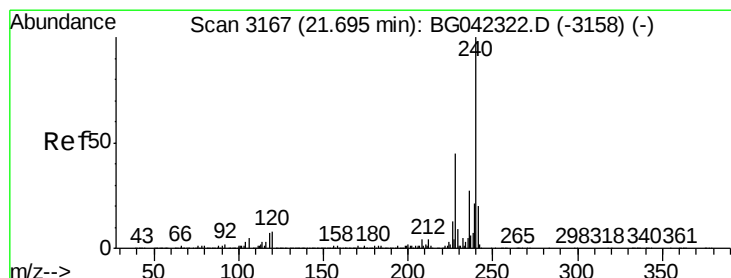
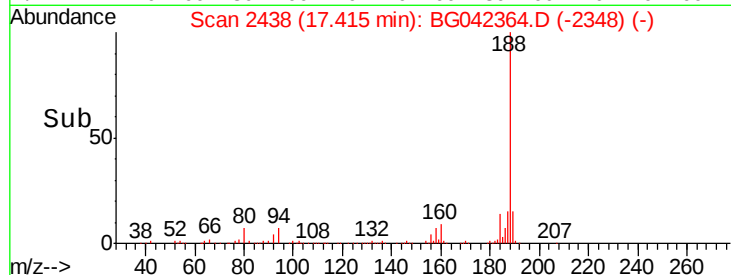
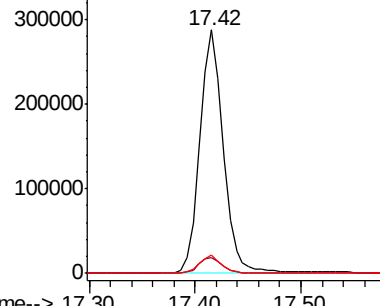
80 7.4 5.4 8.0



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# 3166

Delta R.T. -0.00 min

Lab File: BG042364.D

Acq: 20 Aug 2019 19:18

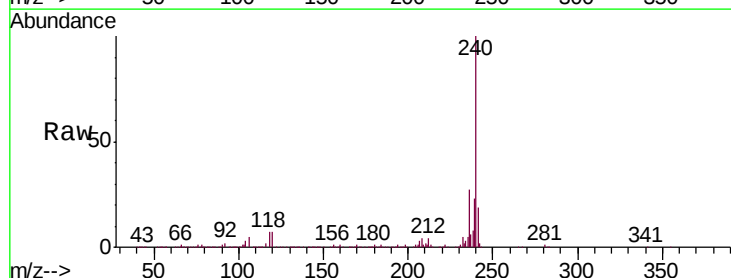
Tgt Ion:240 Resp: 470667

Ion Ratio Lower Upper

240 100

120 7.4 6.0 9.0

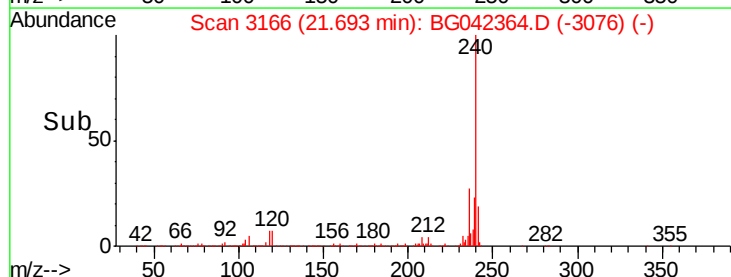
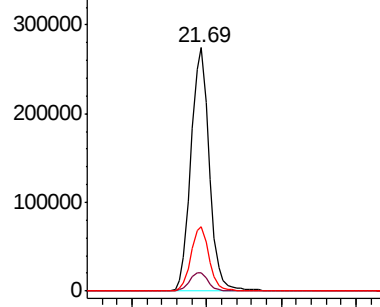
236 26.6 21.6 32.4

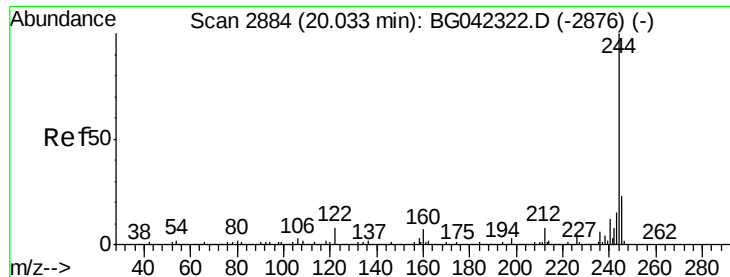


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.004 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042364.D

Acq: 20 Aug 2019 19:18

Instrument :

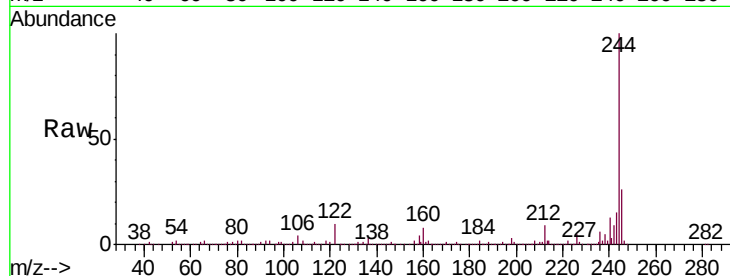
BNA_G

ClientSampleId :

PB122401BL

Tot Ion:244 Resp: 1955563

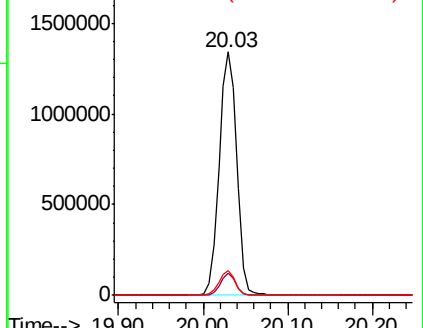
Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.4	9.6
122	10.1	6.6	10.0



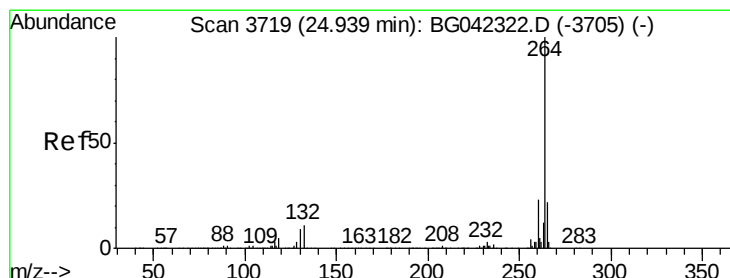
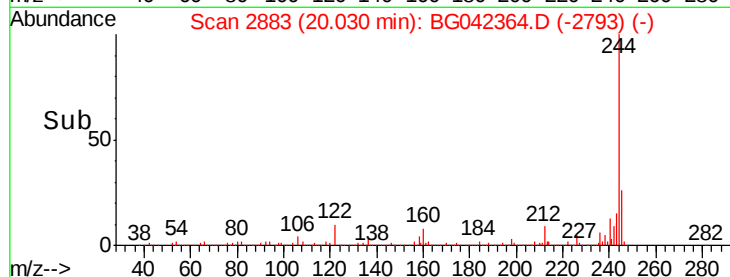
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.03 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

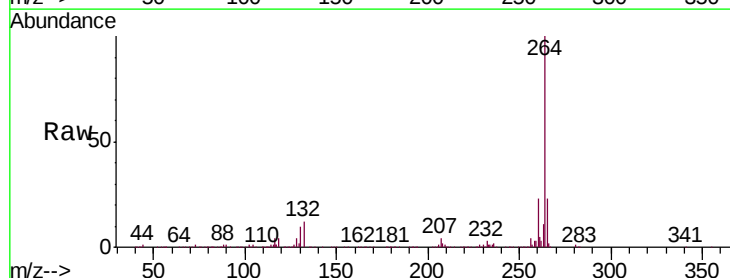
Delta R.T. -0.01 min

Lab File: BG042364.D

Acq: 20 Aug 2019 19:18

Tgt Ion:264 Resp: 537651

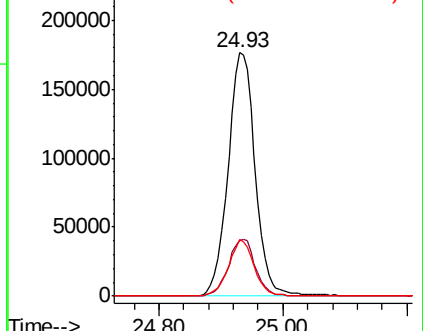
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	23.1	17.4	26.0



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



Time--> 24.80 24.93 25.00

