

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042382.D
 Acq On : 21 Aug 2019 14:12
 Operator : HP/JU
 Sample : PB122256BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BL

Quant Time: Aug 21 17:49:01 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	8.01	152	74503	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	280354	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	194715	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	411460	20.00	ng	0.00
76) Chrysene-d12	21.70	240	389331	20.00	ng	0.00
87) Perylene-d12	24.94	264	465699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	503055	136.80	ng	0.00
7) Phenol-d6	7.18	99	660687	132.29	ng	0.01
23) Nitrobenzene-d5	9.18	82	380655	95.50	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	353590	133.33	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1162046	100.99	ng	0.00
79) Terphenyl-d14	20.03	244	1654656	93.09	ng	0.00

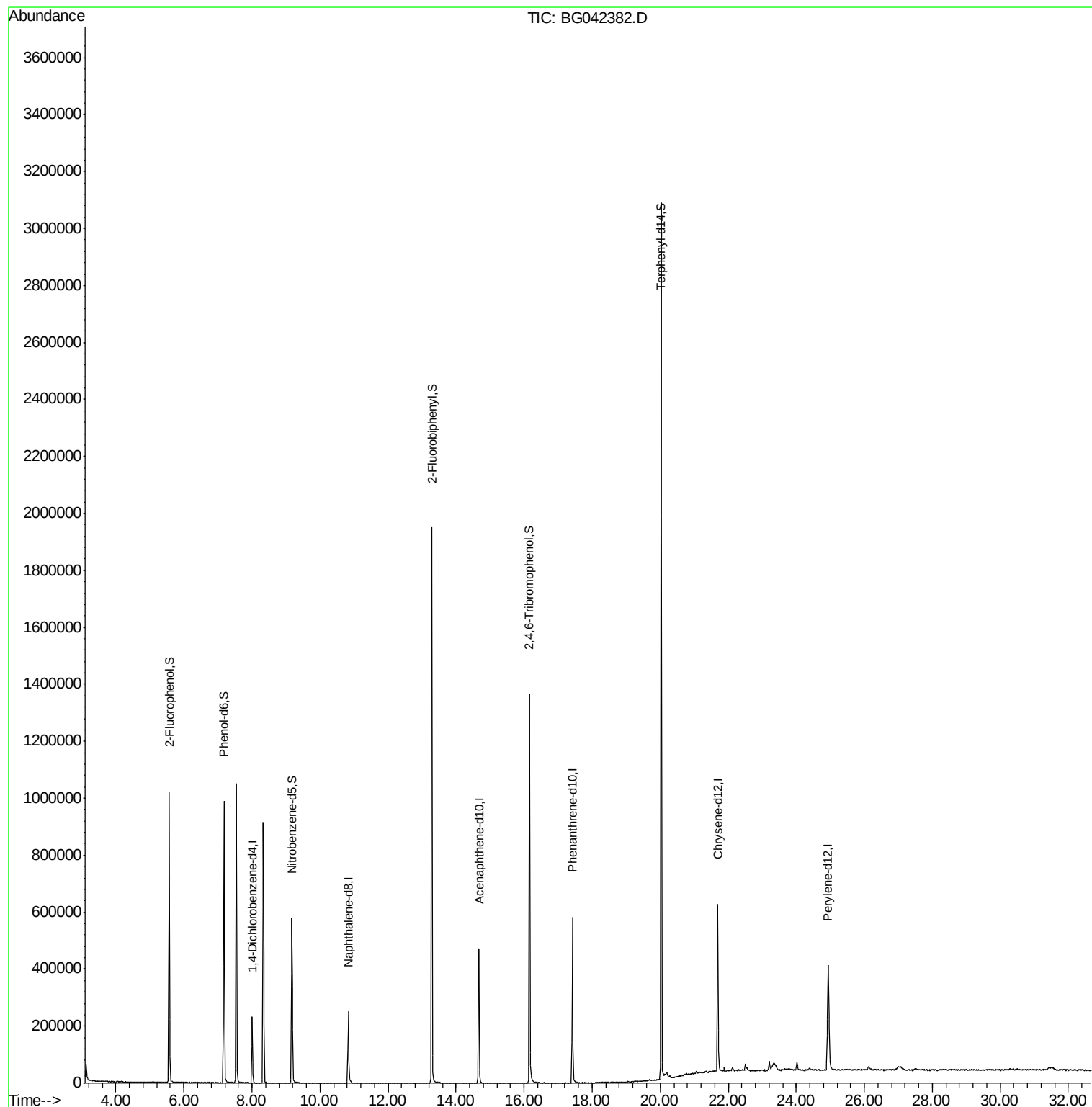
Target Compounds Qvalue

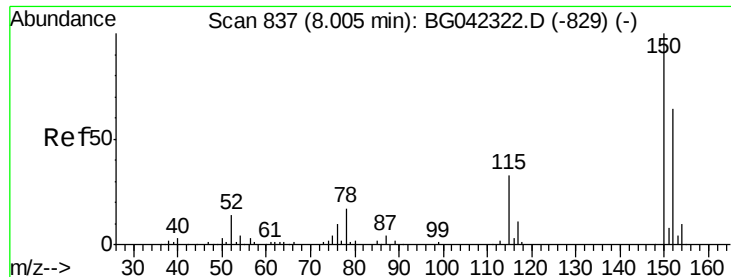
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

Instrument :

BNA_G

ClientSampleId :

PB122256BL

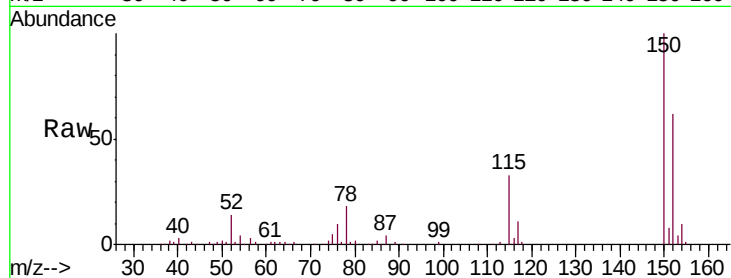
Tot Ion:152 Resp: 74503

Ion Ratio Lower Upper

152 100

150 162.6 124.3 186.5

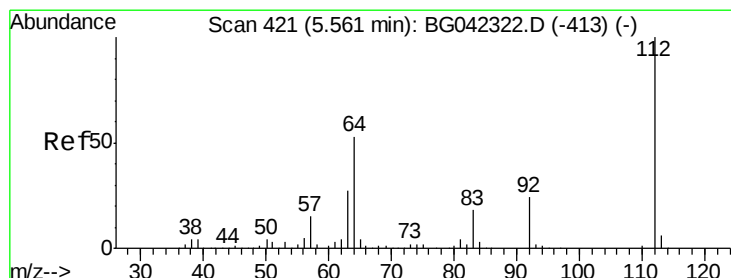
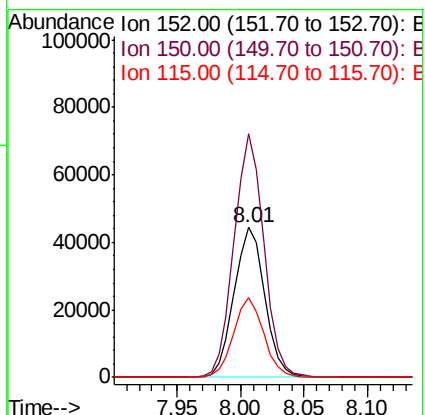
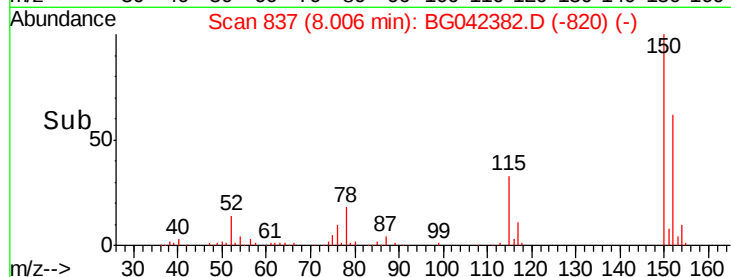
115 52.9 40.5 60.7



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: 136.805 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

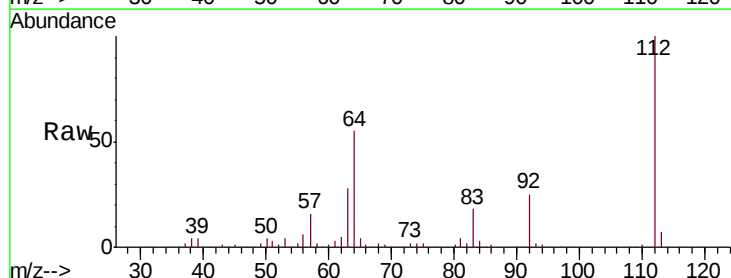
Tgt Ion:112 Resp: 503055

Ion Ratio Lower Upper

112 100

64 54.8 42.5 63.7

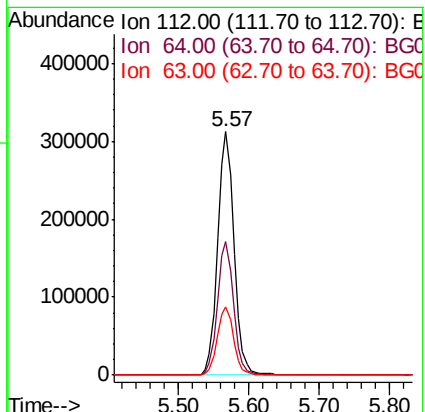
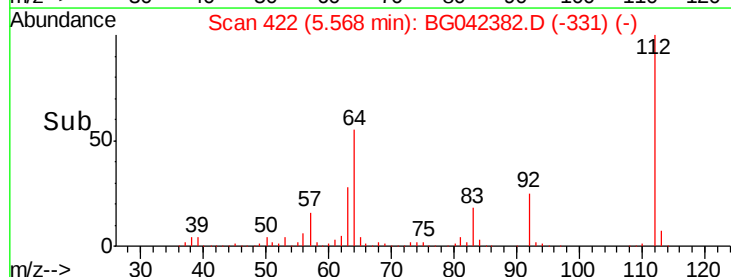
63 28.2 21.7 32.5

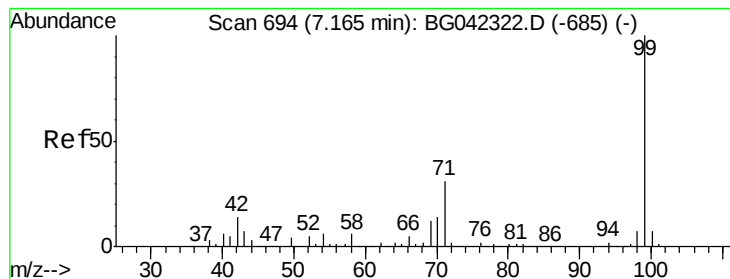


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.295 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

Instrument :

BNA_G

ClientSampleId :

PB122256BL

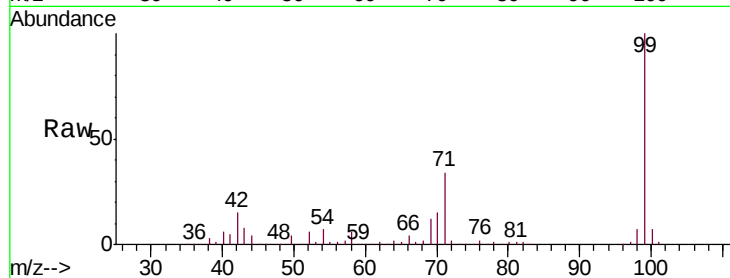
Tot Ion: 99 Resp: 660687

Ion Ratio Lower Upper

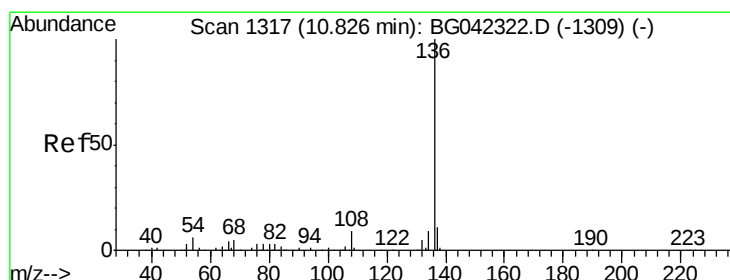
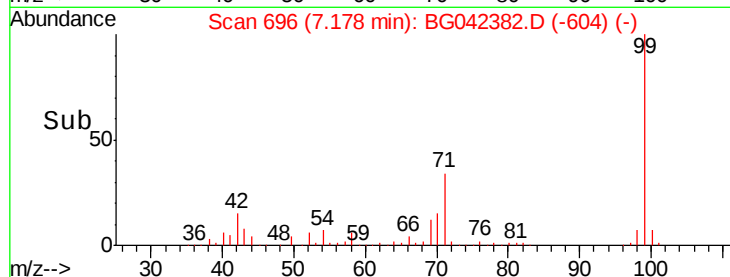
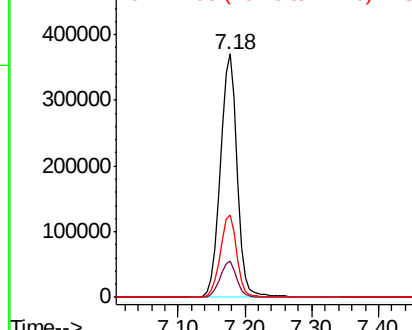
99 100

42 14.8 11.4 17.0

71 34.0 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# 1318

Delta R.T. 0.01 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

Tgt Ion: 136 Resp: 280354

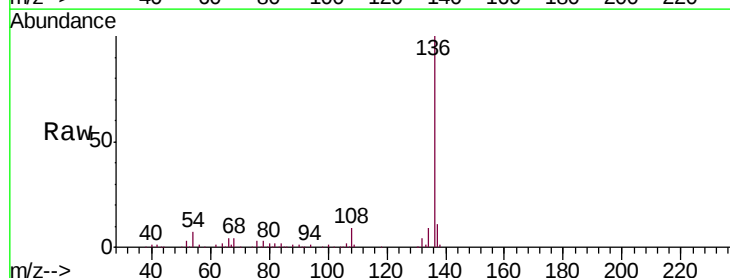
Ion Ratio Lower Upper

136 100

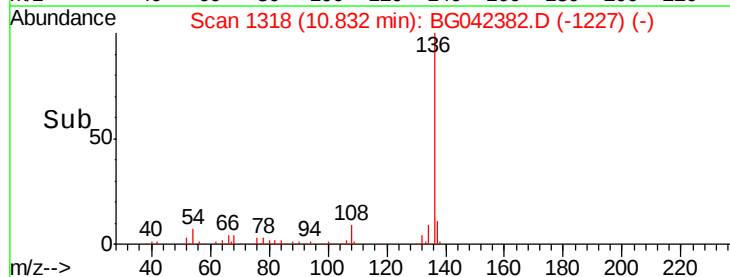
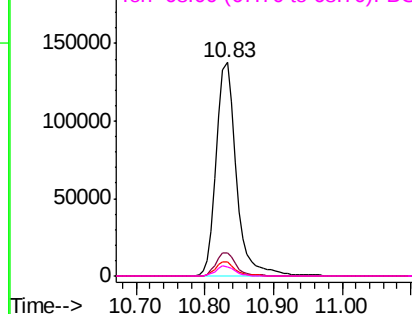
137 10.7 8.4 12.6

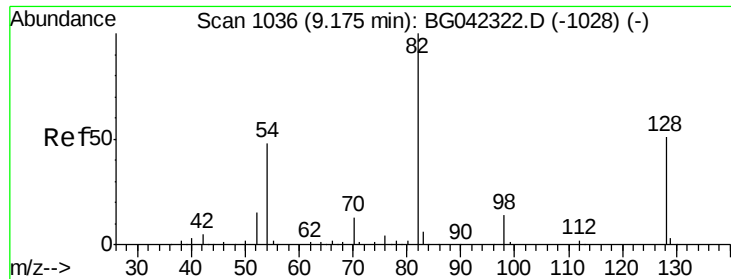
54 6.7 5.0 7.4

68 4.3 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

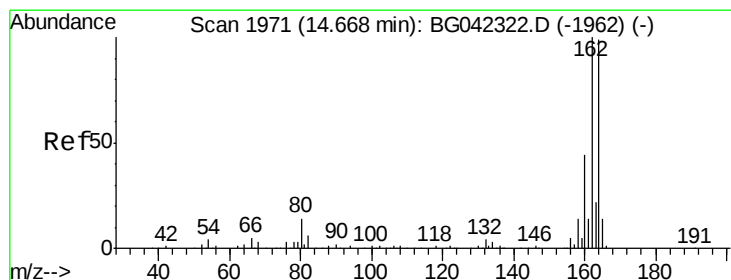
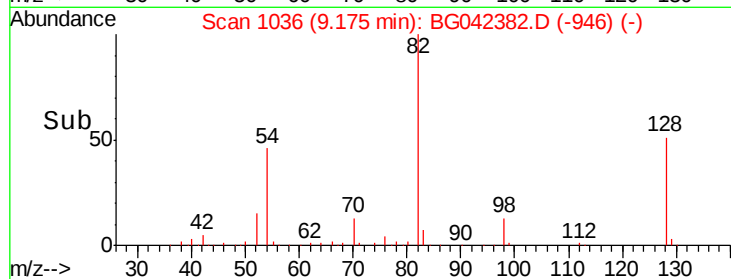
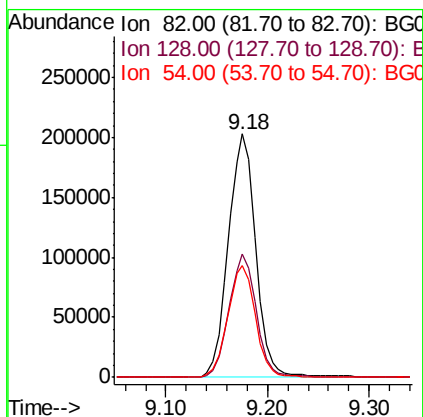
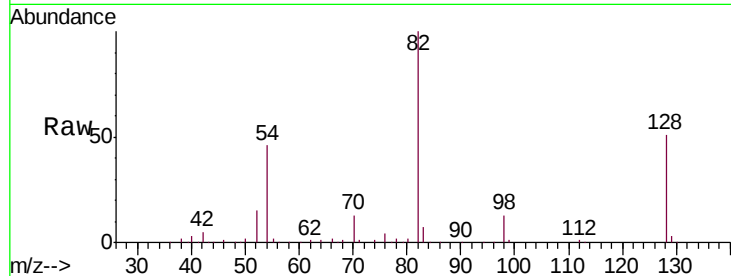




#23
 Nitrobenzene-d5
 Concen: 95.496 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042382.D
 Acq: 21 Aug 2019 14:12

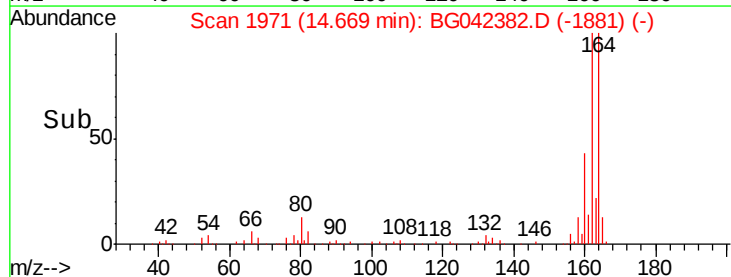
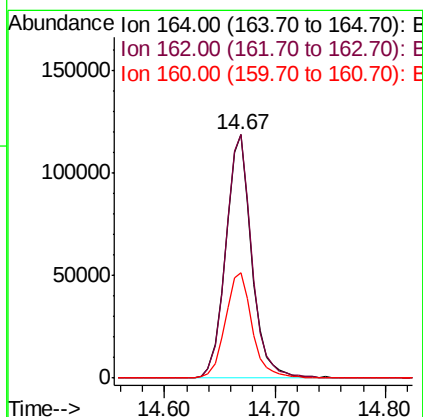
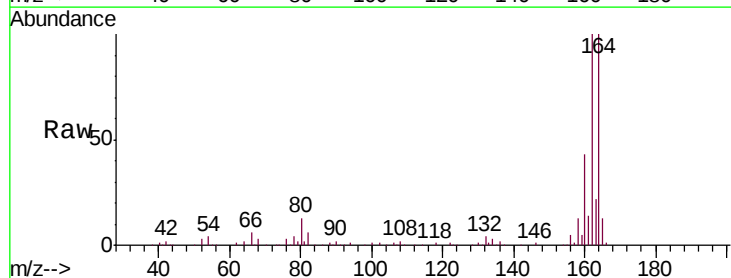
Instrument :
 BNA_G
 ClientSampleId :
 PB122256BL

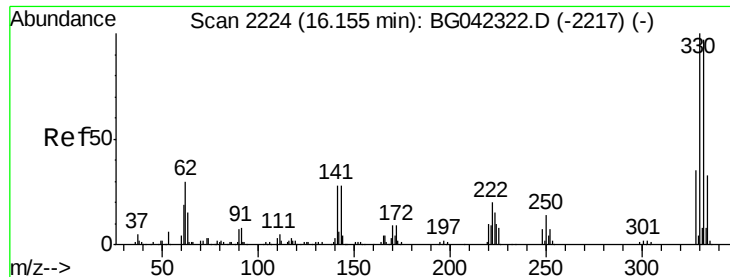
Tot Ion	82	Resp	380655
Ion Ratio	Lower	Upper	
82	100		
128	50.6	41.0	61.4
54	45.9	38.0	57.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG042382.D
 Acq: 21 Aug 2019 14:12

Tgt Ion	164	Resp	194715
Ion Ratio	Lower	Upper	
164	100		
162	99.9	80.6	120.8
160	43.4	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 133.331 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

Instrument :

BNA_G

ClientSampled :

PB122256BL

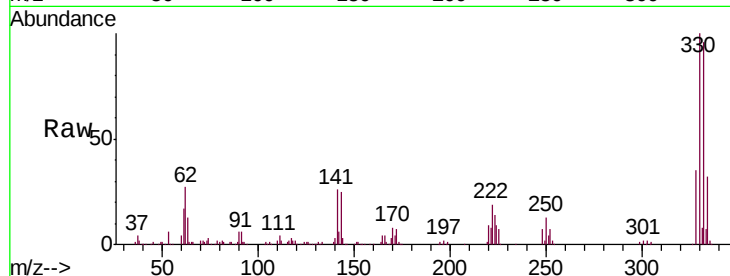
Tot Ion:330 Resp: 353590

Ion Ratio Lower Upper

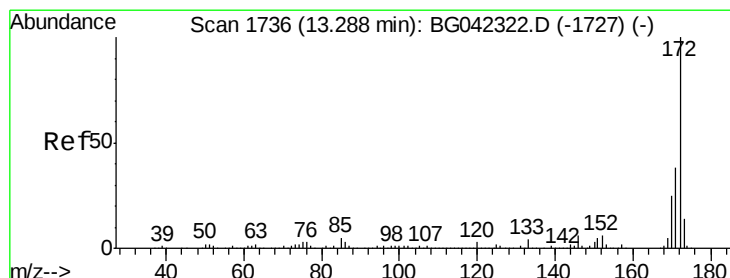
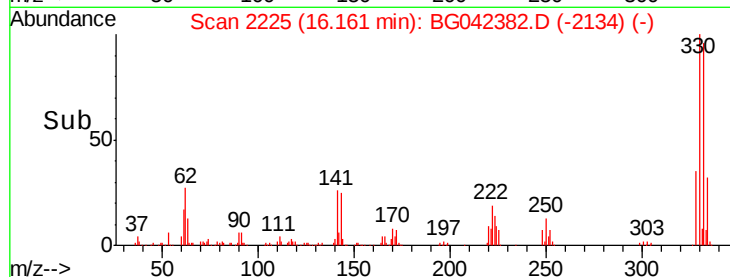
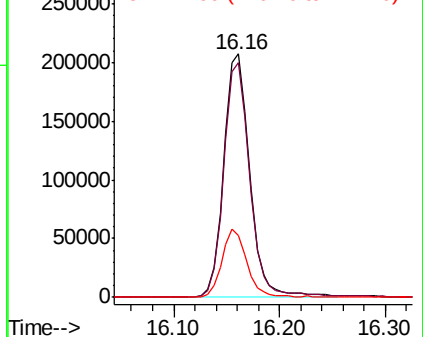
330 100

332 97.7 76.9 115.3

141 27.3 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: 100.987 ng

RT: 13.29 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

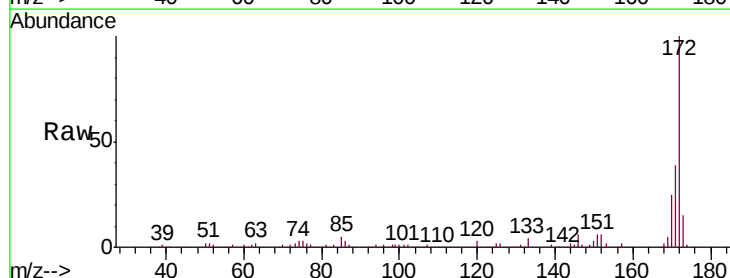
Tgt Ion:172 Resp: 1162046

Ion Ratio Lower Upper

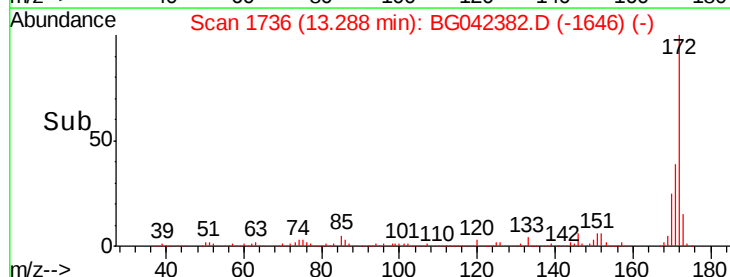
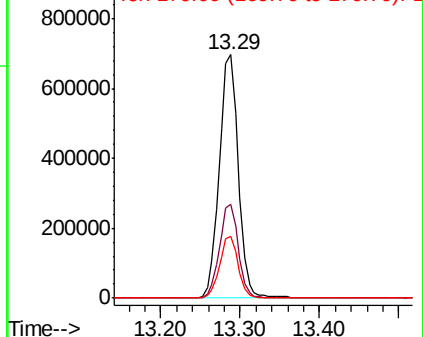
172 100

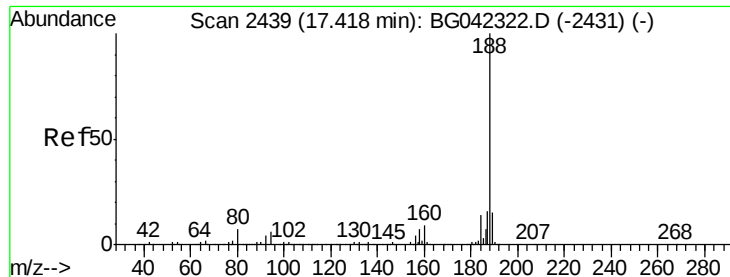
171 38.5 30.3 45.5

170 25.5 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# 2439

Delta R.T. 0.00 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

Instrument :

BNA_G

ClientSampleId :

PB122256BL

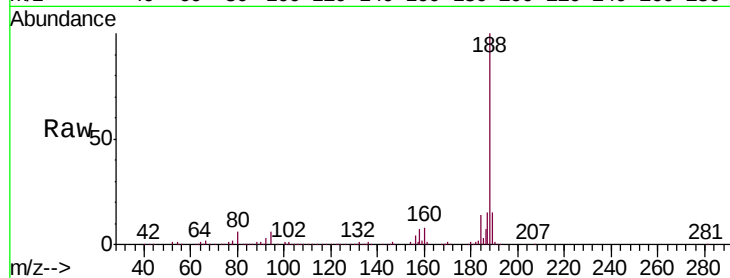
Tot Ion:188 Resp: 411460

Ion Ratio Lower Upper

188 100

94 6.1 4.9 7.3

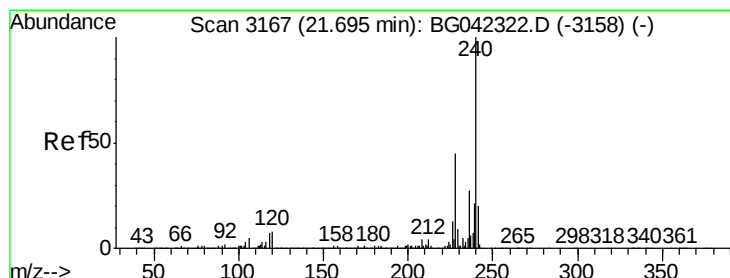
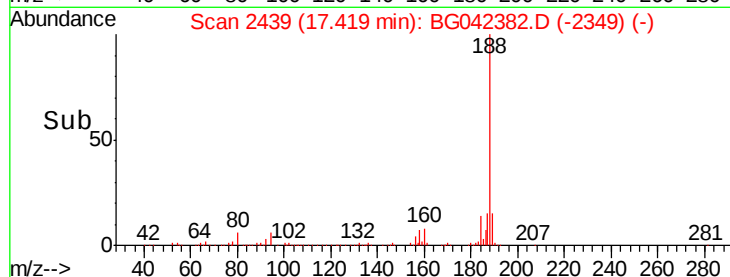
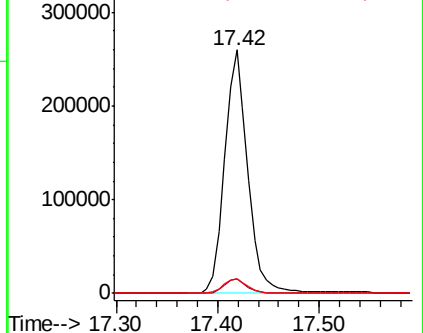
80 5.9 5.4 8.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

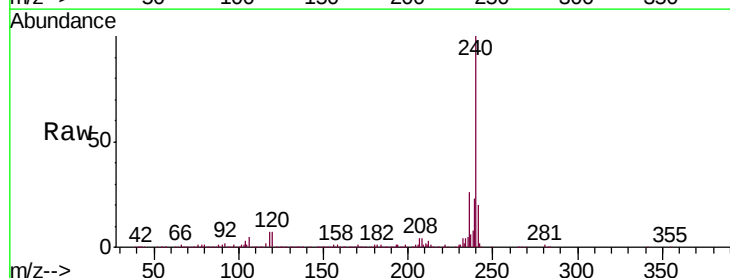
Tgt Ion:240 Resp: 389331

Ion Ratio Lower Upper

240 100

120 7.1 6.0 9.0

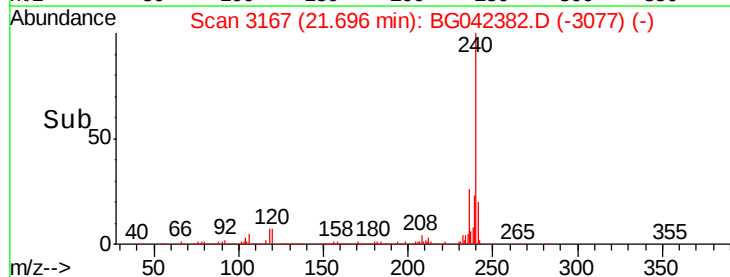
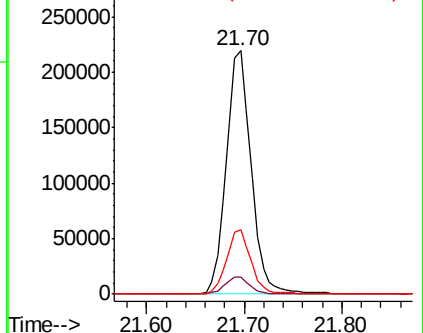
236 26.3 21.6 32.4

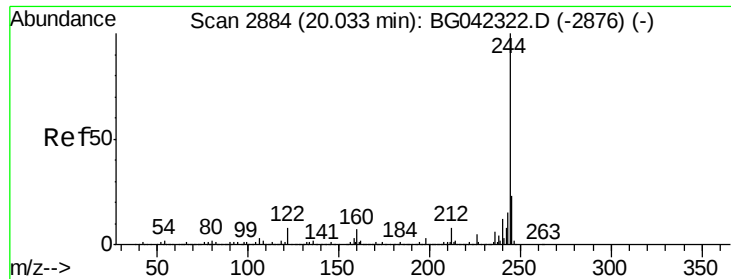


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.087 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

Instrument :

BNA_G

ClientSampleId :

PB122256BL

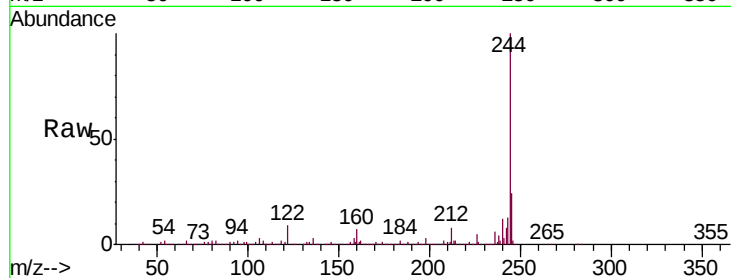
Tot Ion:244 Resp: 1654656

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

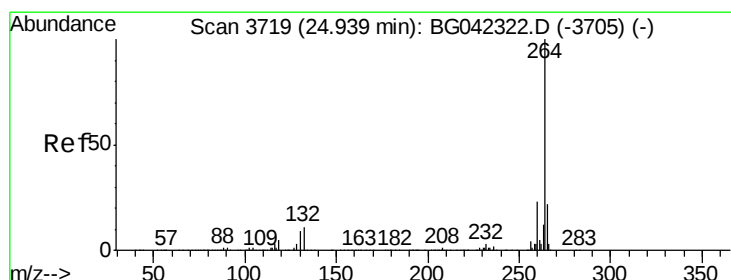
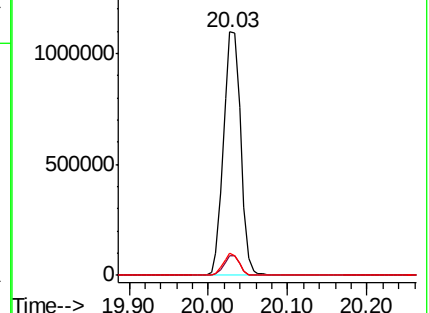
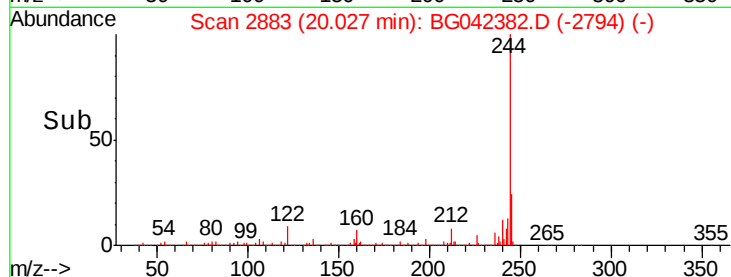
122 9.3 6.6 10.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042382.D

Acq: 21 Aug 2019 14:12

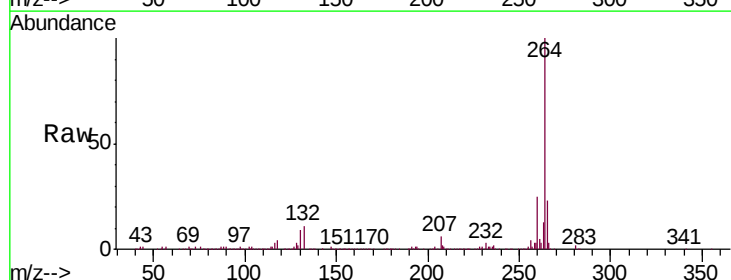
Tgt Ion:264 Resp: 465699

Ion Ratio Lower Upper

264 100

260 24.8 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

