

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019935.D
 Acq On : 5 Dec 2015 10:35
 Operator : UM/NP
 Sample : PB86943BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BL

Quant Time: Dec 07 04:07:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	26899	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	115819	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	86421	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	221476	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	265638	20.00	ng	-0.04
86) Perylene-d12	25.04	264	243759	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	202272	135.91	ng	-0.01
7) Phenol-d6	7.26	99	292915	130.35	ng	-0.01
23) Nitrobenzene-d5	9.28	82	193544	85.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	143993	108.90	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	479768	75.80	ng	-0.02
78) Terphenyl-d14	20.09	244	860082	78.98	ng	-0.02

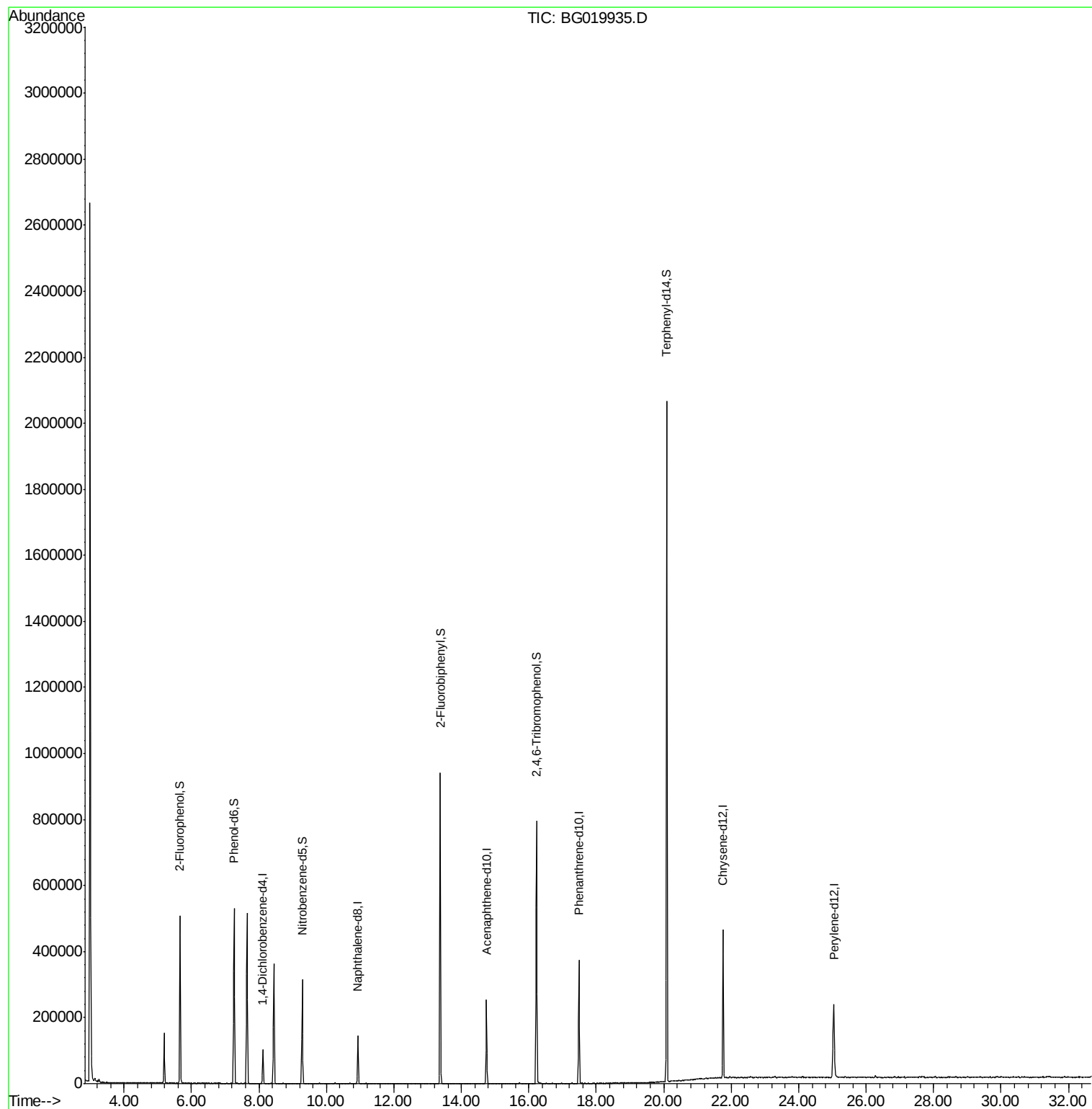
Target Compounds Qvalue

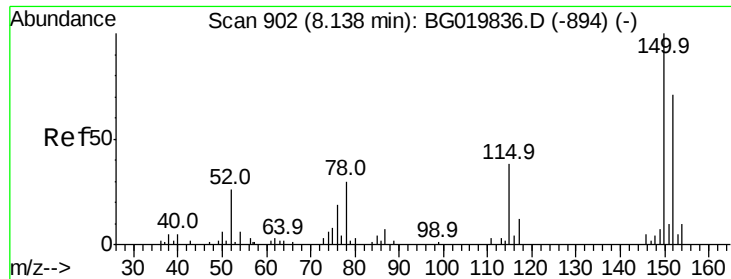
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019935.D

Acq: 5 Dec 2015 10:35

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BNA_G

ClientSampleId :

PB86943BL

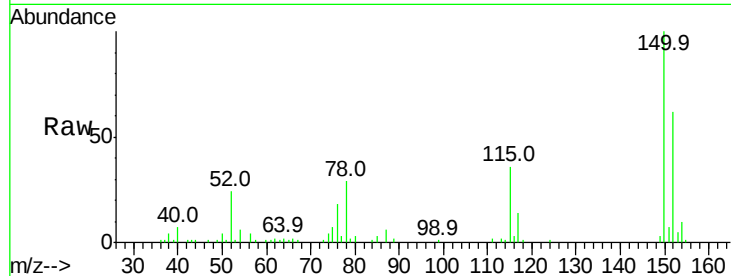
Tot Ion:152 Resp: 26899

Ion Ratio Lower Upper

152 100

150 160.7 115.0 172.4

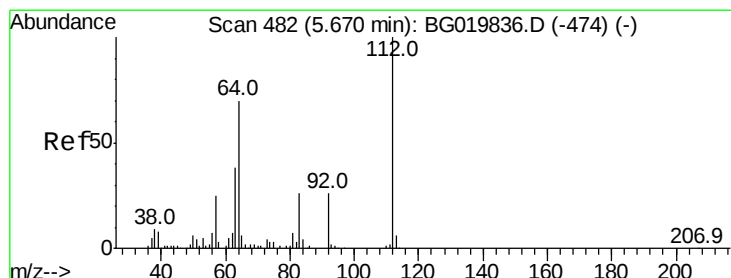
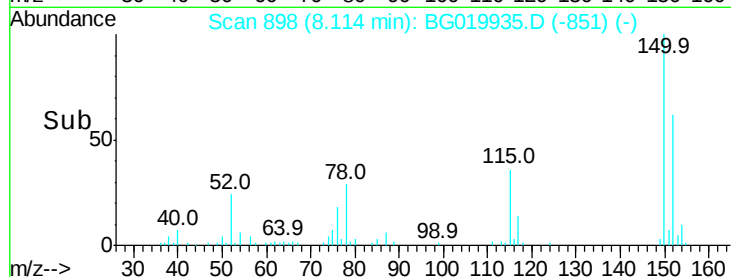
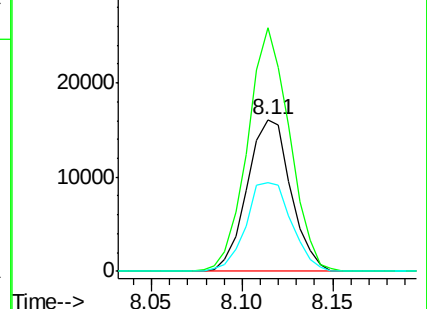
115 58.3 43.9 65.9



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: 135.91 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019935.D

Acq: 5 Dec 2015 10:35

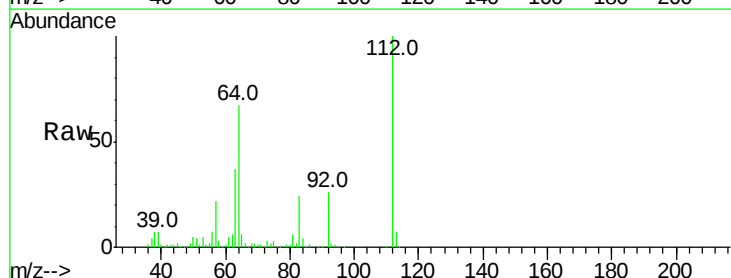
Tgt Ion:112 Resp: 202272

Ion Ratio Lower Upper

112 100

64 66.8 43.7 65.5#

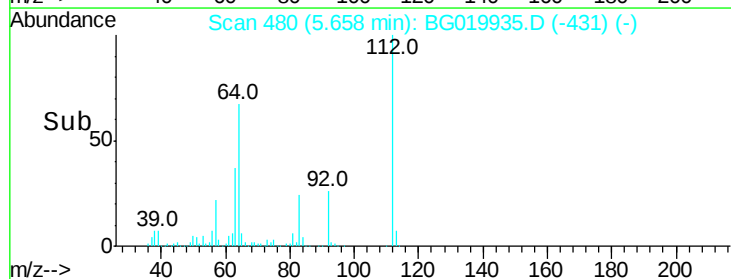
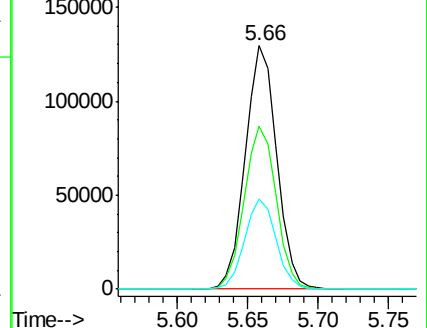
63 37.0 24.0 36.0#

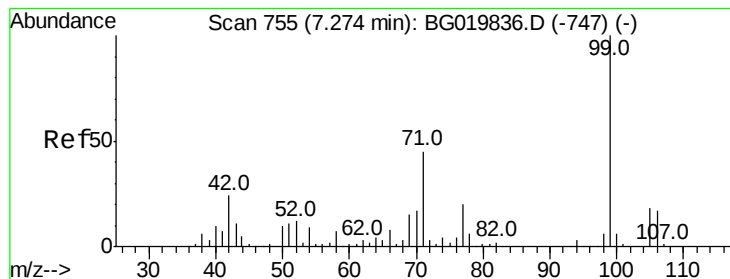


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 130.35 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019935.D

Acq: 5 Dec 2015 10:35

Instrument :

BNA_G

ClientSampleId :

PB86943BL

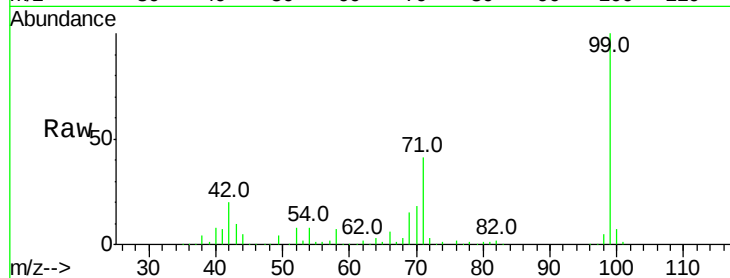
Tot Ion: 99 Resp: 292915

Ion Ratio Lower Upper

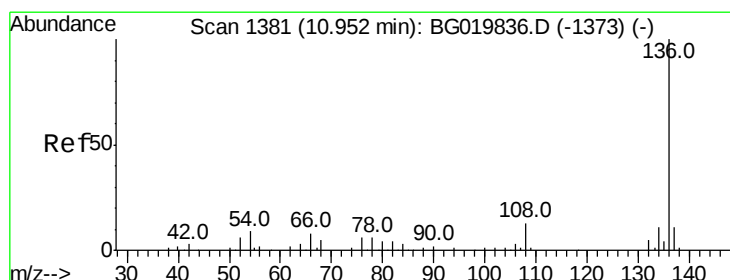
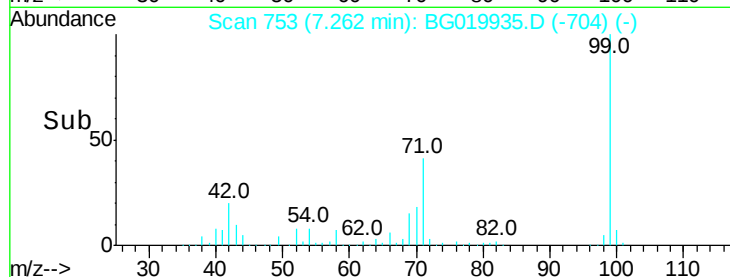
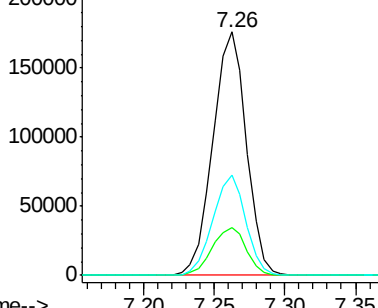
99 100

42 19.6 11.5 17.3#

71 41.0 22.6 34.0#



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: 20.00 ng

RT: 10.93 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BG019935.D

Acq: 5 Dec 2015 10:35

Tgt Ion: 136 Resp: 115819

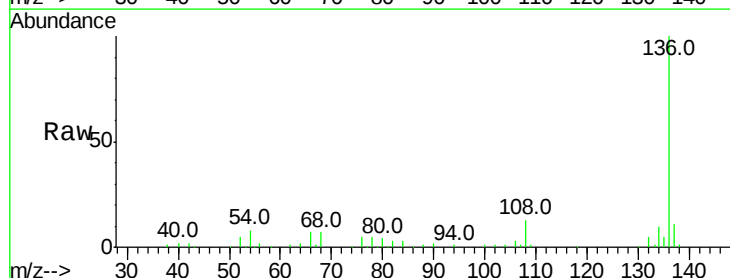
Ion Ratio Lower Upper

136 100

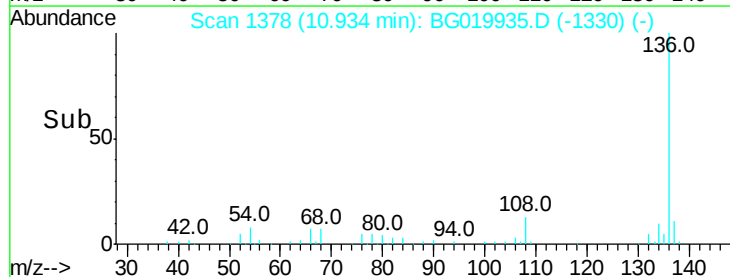
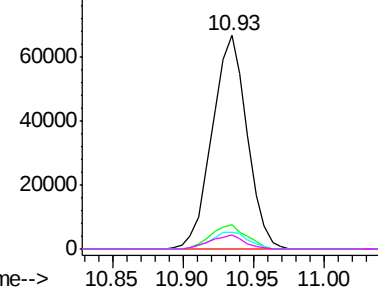
137 11.4 8.6 12.8

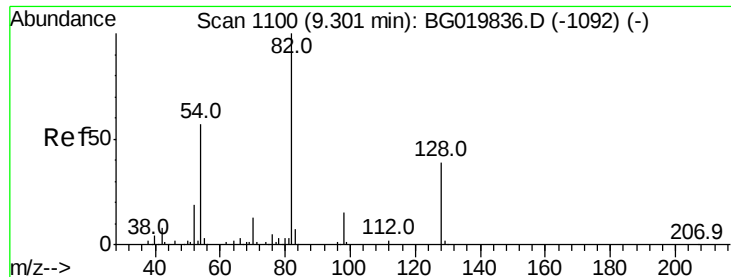
54 8.1 5.4 8.2

68 6.6 5.3 7.9



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

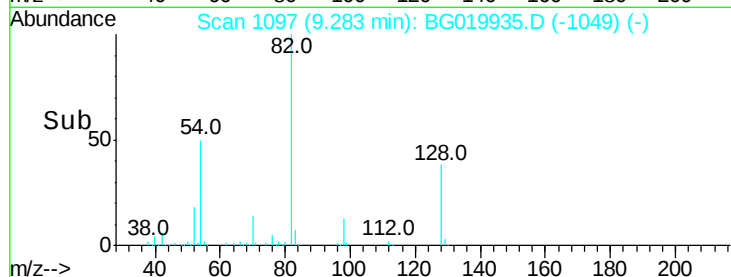
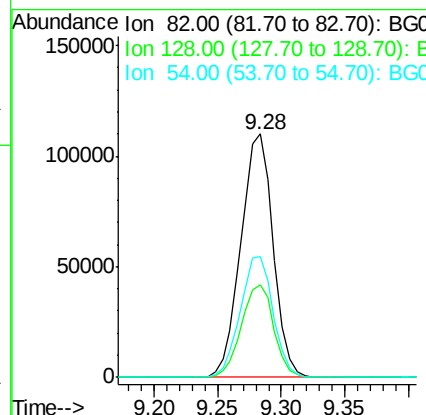
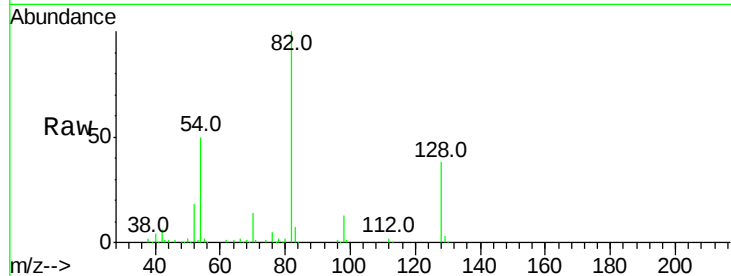




#23
 Nitrobenzene-d5
 Concen: 85.28 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019935.D
 Acq: 5 Dec 2015 10:35

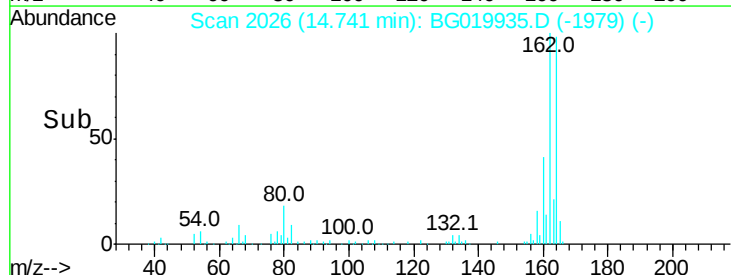
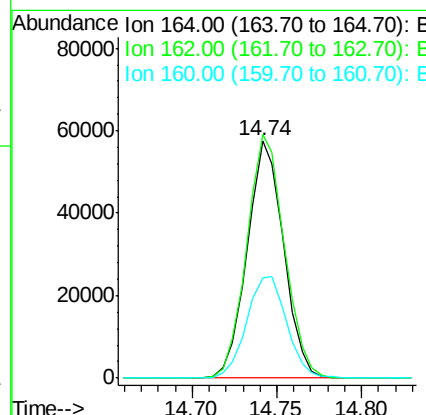
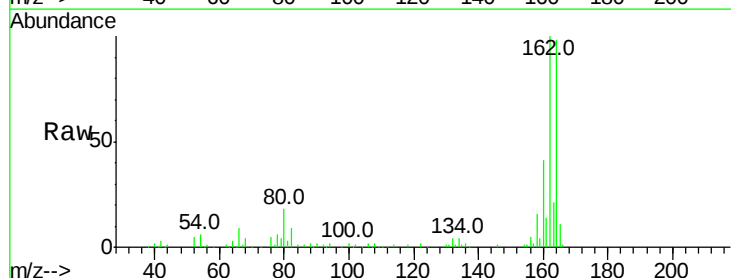
Instrument :
 BNA_G
 ClientSampleId :
 PB86943BL

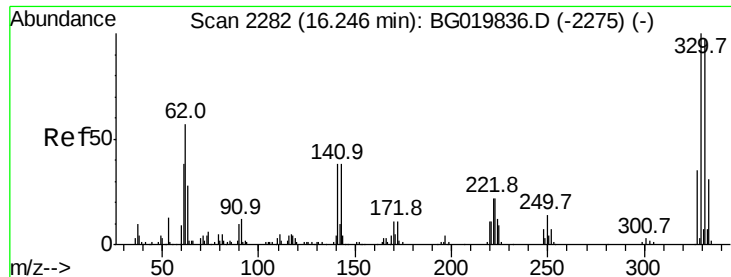
Tot Ion	82	Resp	193544
Ion Ratio	100	Lower	Upper
128	38.1	36.7	55.1
54	49.8	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG019935.D
 Acq: 5 Dec 2015 10:35

Tgt Ion	164	Resp	86421
Ion Ratio	100	Lower	Upper
162	102.5	78.8	118.2
160	42.4	36.4	54.6

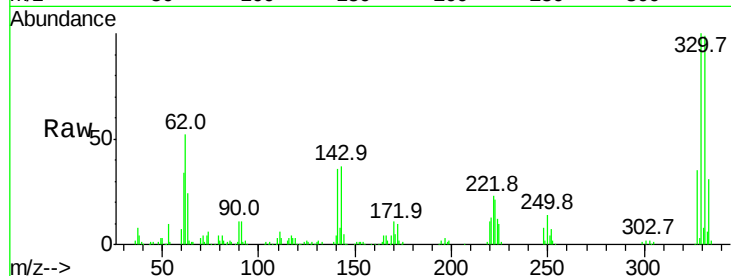




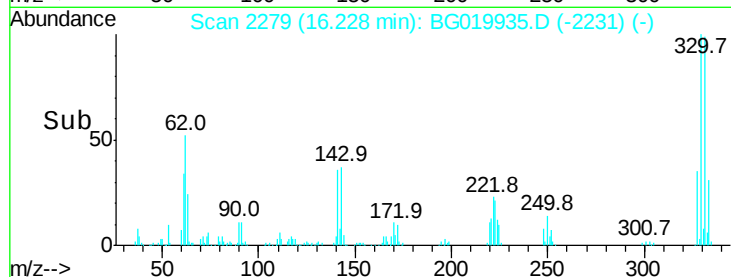
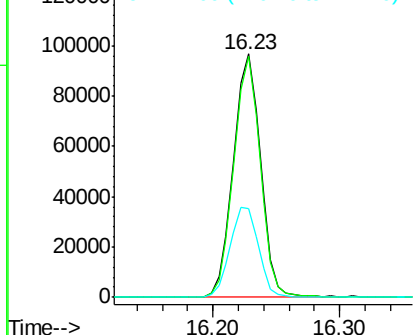
#41
 2,4,6-Tribromophenol
 Concen: 108.90 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019935.D
 Acq: 5 Dec 2015 10:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BL

Tot Ion:330 Resp: 143993
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.1 117.1
 141 38.6 28.2 42.2

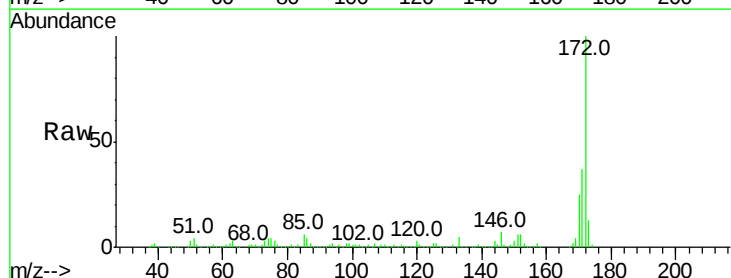


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

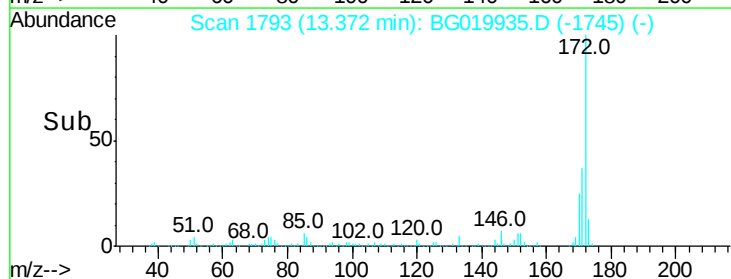
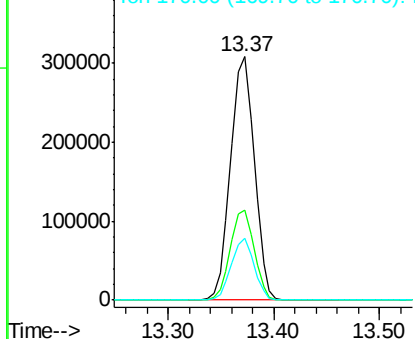


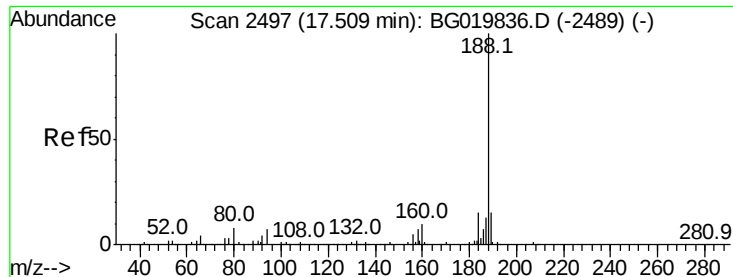
#44
 2-Fluorobiphenyl
 Concen: 75.80 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019935.D
 Acq: 5 Dec 2015 10:35

Tgt Ion:172 Resp: 479768
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.4 19.9 29.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019935.D

Acq: 5 Dec 2015 10:35

Instrument :

BNA_G

ClientSampleId :

PB86943BL

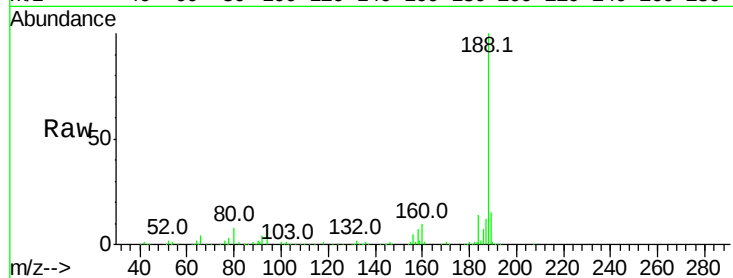
Tot Ion:188 Resp: 221476

Ion Ratio Lower Upper

188 100

94 6.9 7.7 11.5#

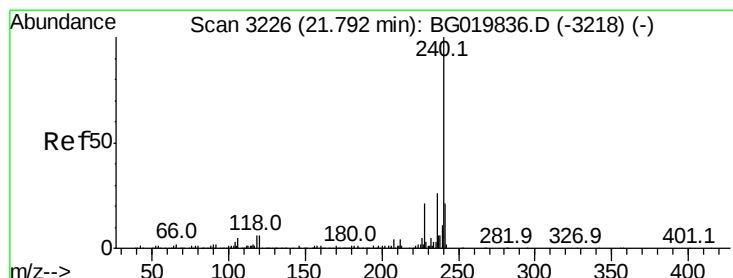
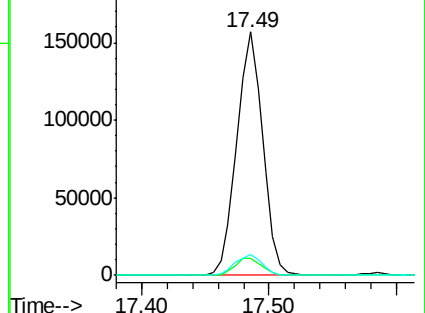
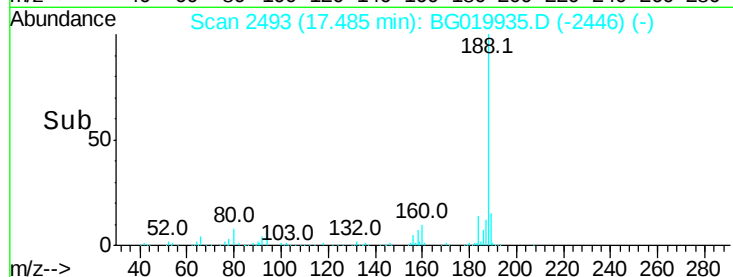
80 8.4 7.8 11.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG019935.D

Acq: 5 Dec 2015 10:35

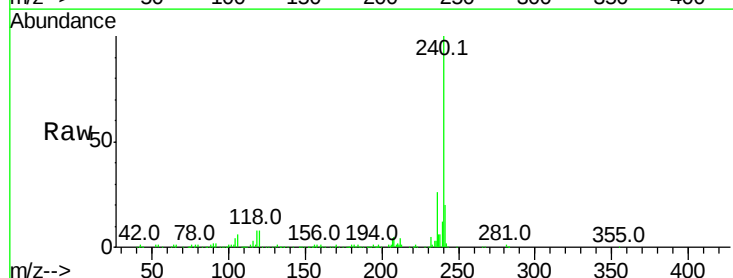
Tgt Ion:240 Resp: 265638

Ion Ratio Lower Upper

240 100

120 8.1 7.4 11.0

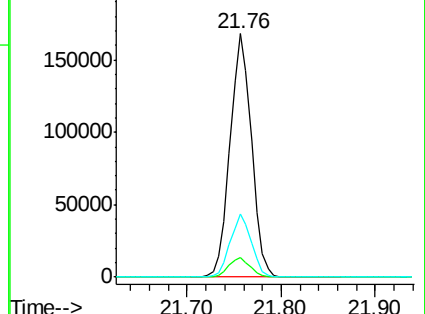
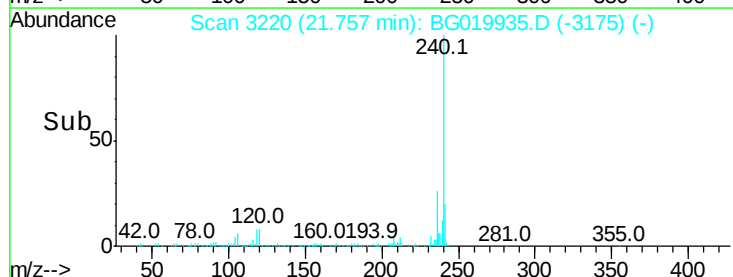
236 25.9 20.7 31.1

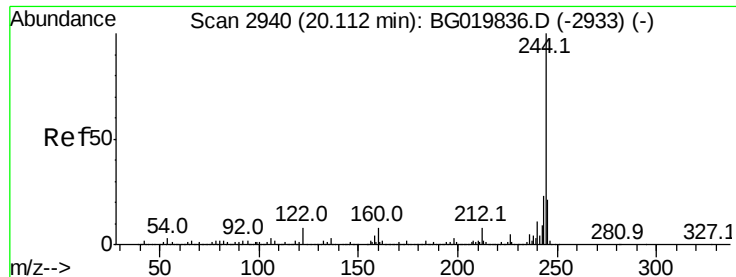


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

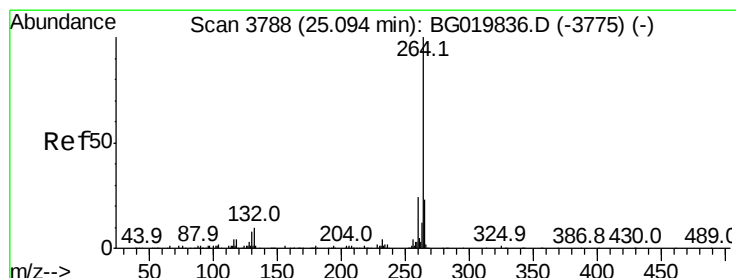
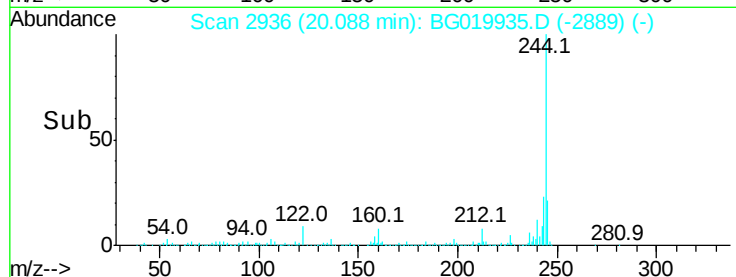
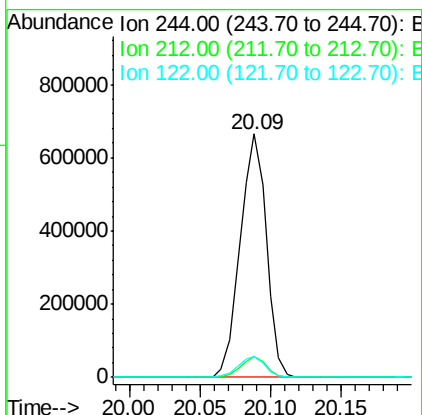
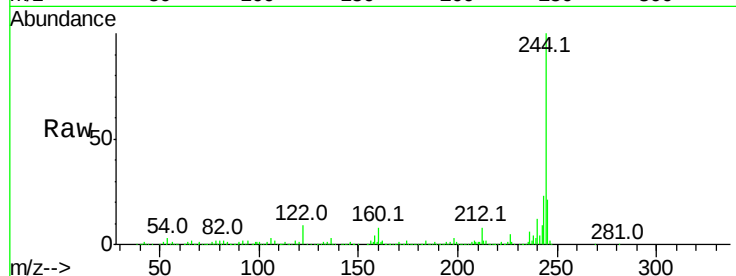




#78
 Terphenyl-d14
 Concen: 78.98 ng
 RT: 20.09 min Scan# 2936
 Delta R.T. -0.02 min
 Lab File: BG019935.D
 Acq: 5 Dec 2015 10:35

Instrument :
 BNA_G
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 PB86943BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	8.7	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019935.D
 Acq: 5 Dec 2015 10:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	20.3	17.2	25.8

