

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042887.D
 Acq On : 18 Sep 2019 9:56
 Operator : HP/JU
 Sample : PB123079BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123079BL

Quant Time: Sep 19 02:24:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55548	20.00	ng	-0.03
21) Naphthalene-d8	10.91	136	219934	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	165352	20.00	ng	-0.03
64) Phenanthrene-d10	17.47	188	387300	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	362284	20.00	ng	-0.03
87) Perylene-d12	25.00	264	372263	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	464294	145.32	ng	0.02
7) Phenol-d6	7.30	99	710590	154.95	ng	0.03
23) Nitrobenzene-d5	9.27	82	455071	107.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	384403	174.74	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1133438	108.51	ng	-0.03
79) Terphenyl-d14	20.07	244	1926421	117.85	ng	-0.02

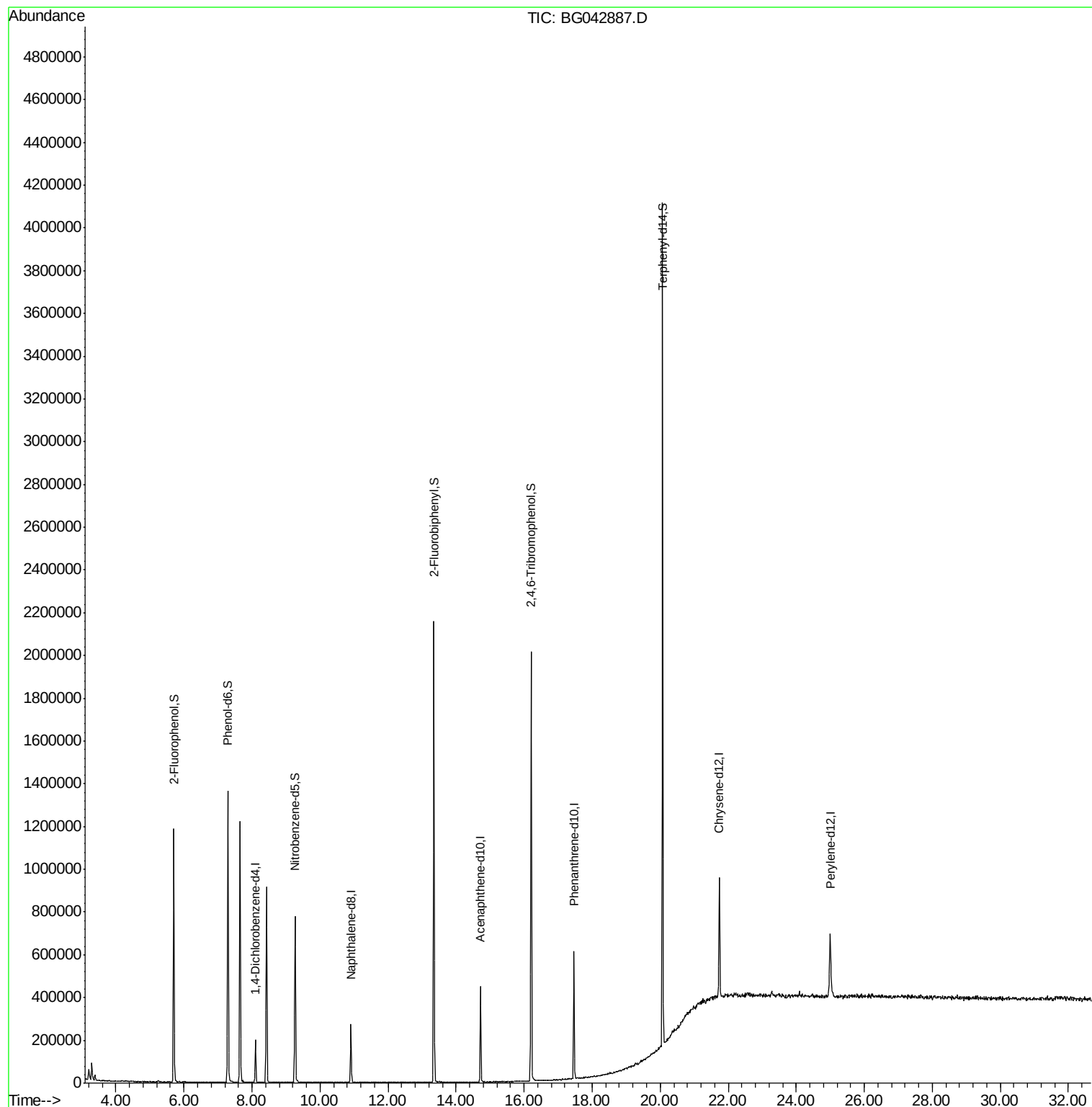
Target Compounds Qvalue

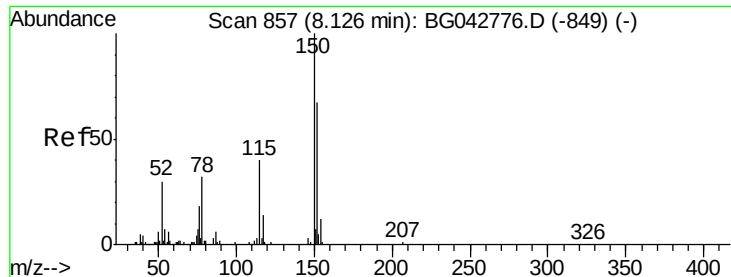
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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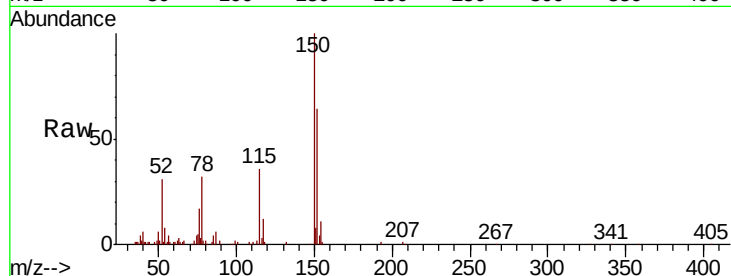


#1

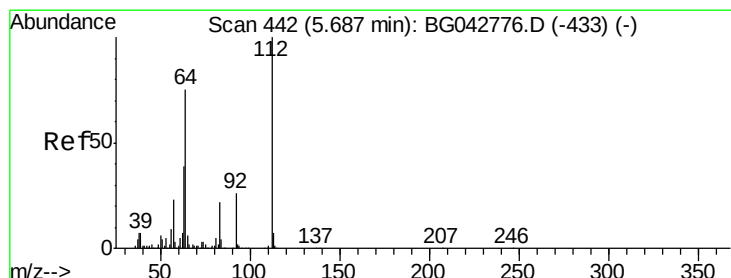
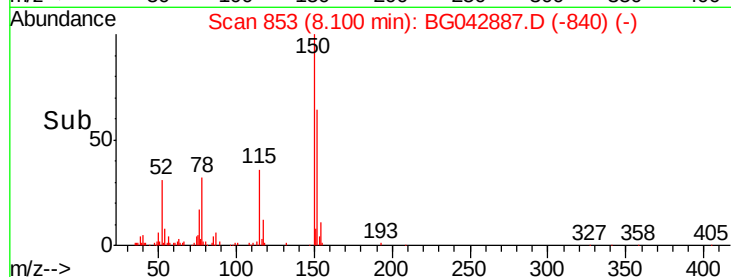
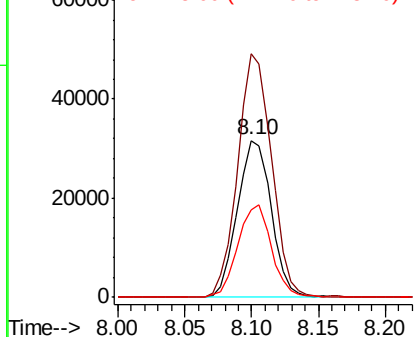
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BG042887.D
 Acq: 18 Sep 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :
 PB123079BL

Tot Ion:152 Resp: 55548
 Ion Ratio Lower Upper
 152 100
 150 155.3 118.9 178.3
 115 55.9 47.4 71.2



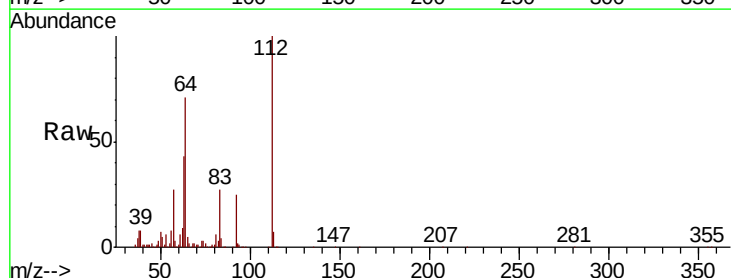
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



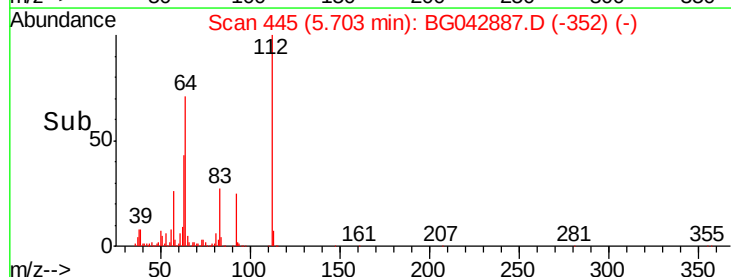
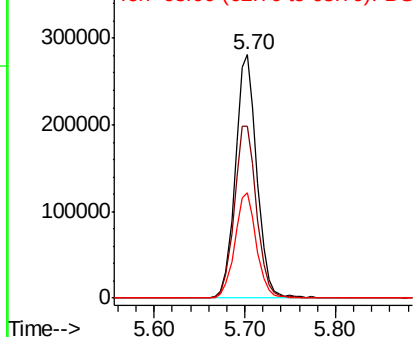
#5

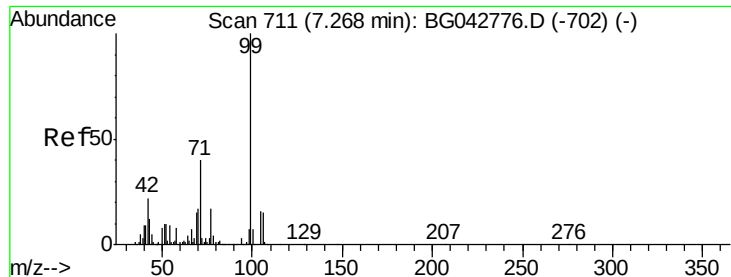
2-Fluorophenol
 Concen: 145.315 ng
 RT: 5.70 min Scan# 445
 Delta R.T. 0.02 min
 Lab File: BG042887.D
 Acq: 18 Sep 2019 9:56

Tgt Ion:112 Resp: 464294
 Ion Ratio Lower Upper
 112 100
 64 70.5 60.2 90.2
 63 43.3 31.2 46.8



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: 154.947 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.03 min

Lab File: BG042887.D

Acq: 18 Sep 2019 9:56

Instrument :

BNA_G

ClientSampleId :

PB123079BL

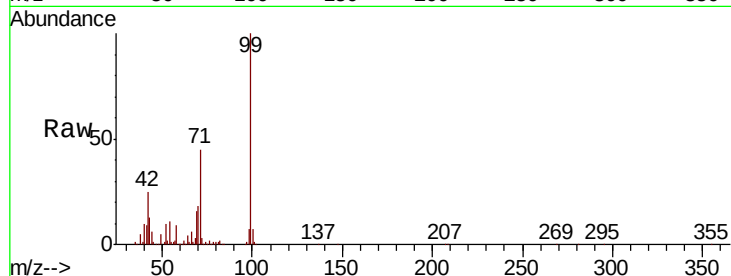
Tot Ion: 99 Resp: 710590

Ion Ratio Lower Upper

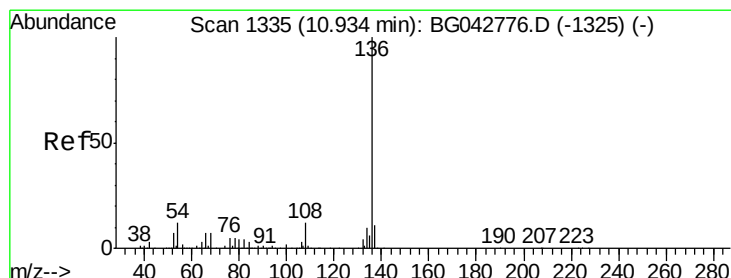
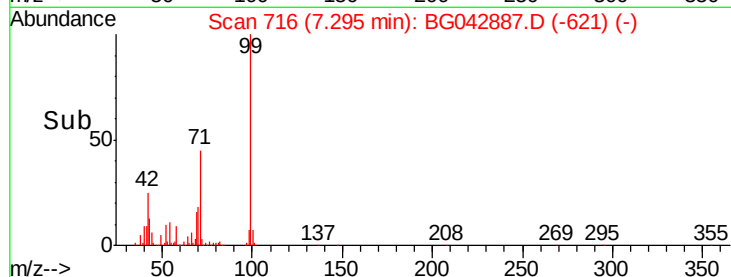
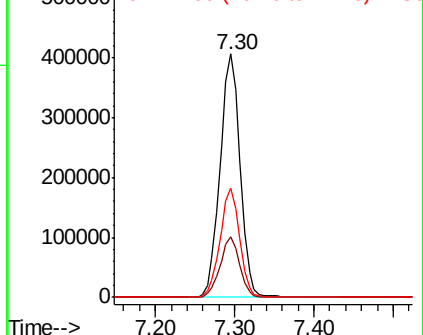
99 100

42 24.9 17.5 26.3

71 45.0 32.0 48.0



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: 20.000 ng

RT: 10.91 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BG042887.D

Acq: 18 Sep 2019 9:56

Tgt Ion: 136 Resp: 219934

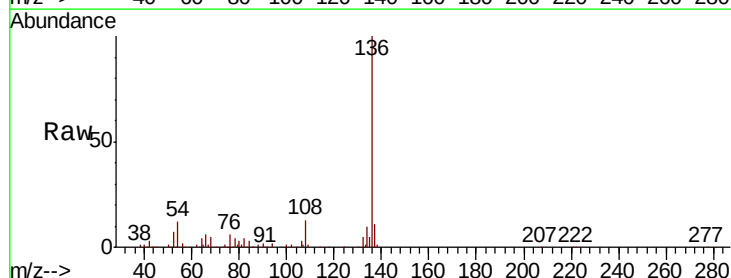
Ion Ratio Lower Upper

136 100

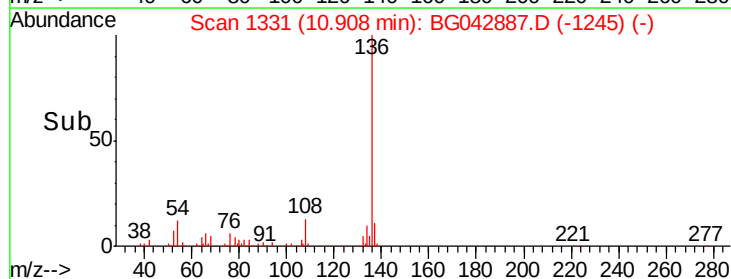
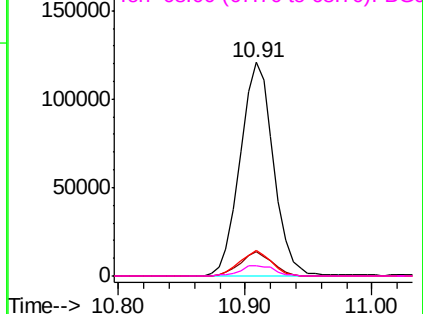
137 11.1 9.0 13.6

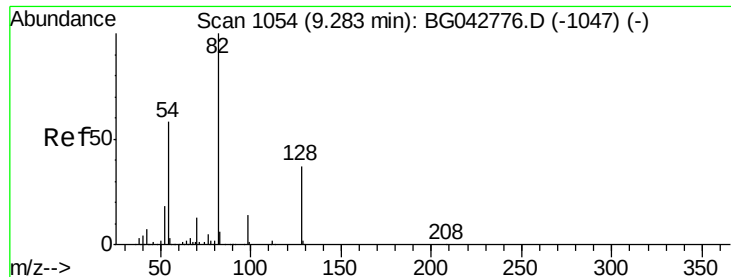
54 11.9 9.4 14.0

68 4.8 5.4 8.2#



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

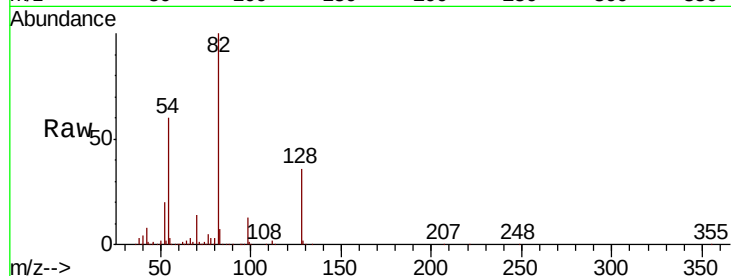




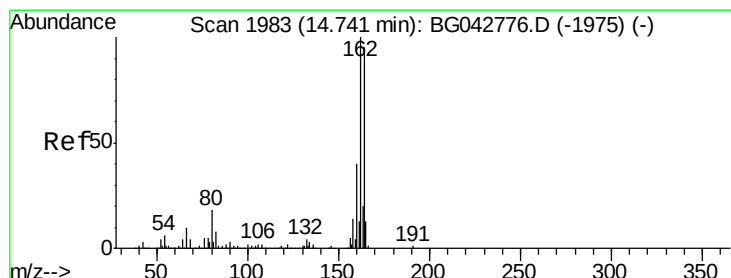
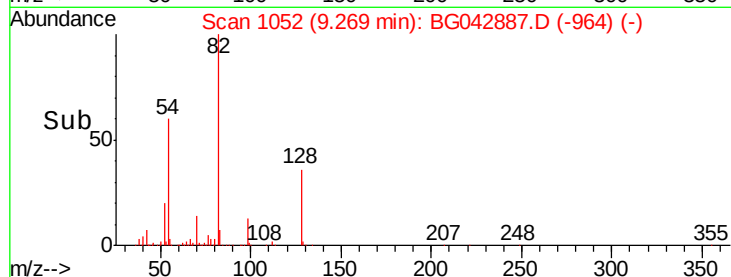
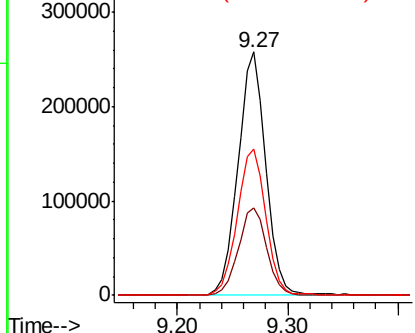
#23
Nitrobenzene-d5
Concen: 107.724 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Instrument :
BNA_G
ClientSampleId :
PB123079BL

Tot Ion	82	Resp	455071
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.8	44.8
54	60.3	46.1	69.1

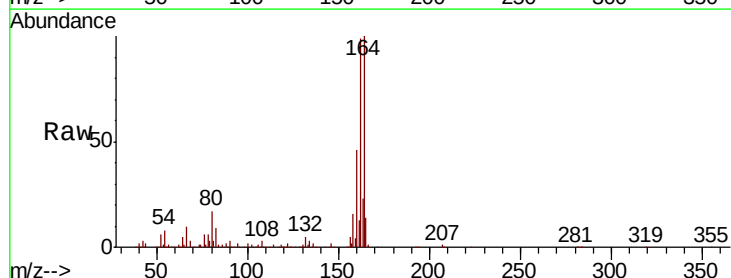


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

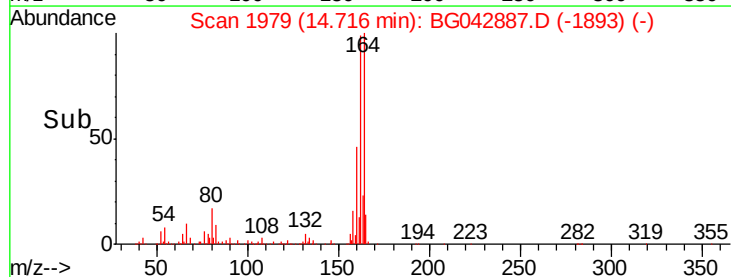
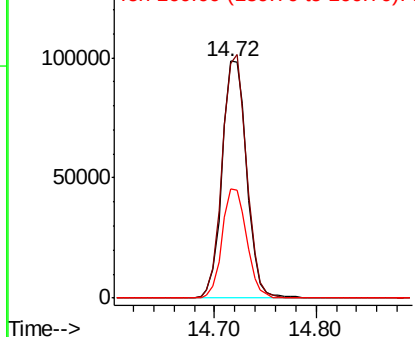


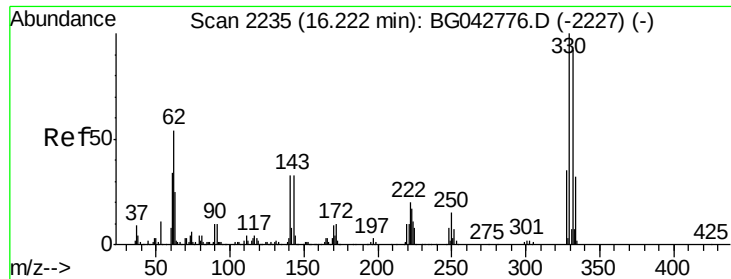
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.03 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Tgt Ion	164	Resp	165352
Ion	Ratio	Lower	Upper
164	100		
162	98.9	84.6	126.8
160	45.9	34.2	51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

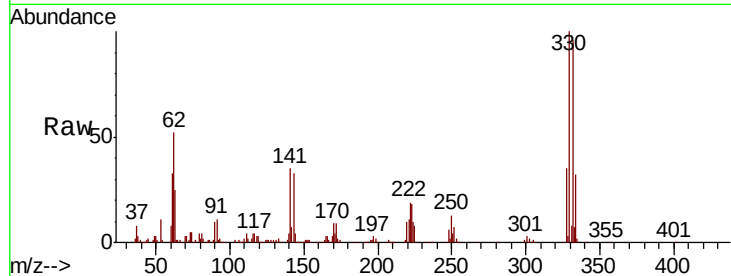




#42
 2,4,6-Tribromophenol
 Concen: 174.738 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG042887.D
 Acq: 18 Sep 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :
 PB123079BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	34.4	27.0	40.6

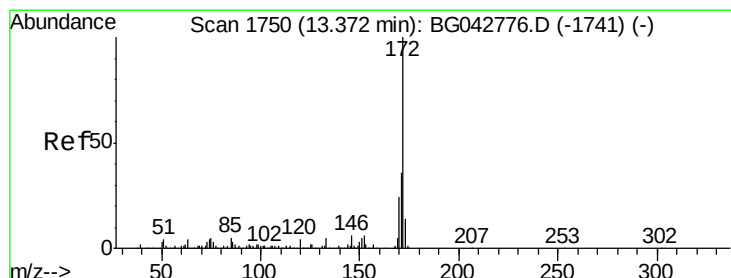
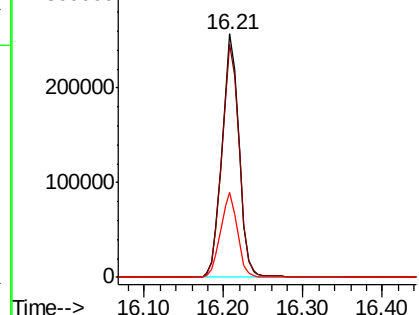
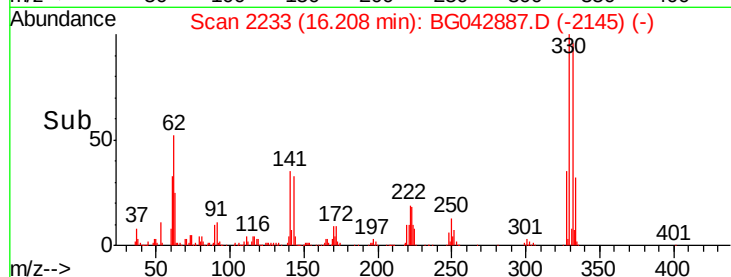


Abundance

Ion 329.80 (329.50 to 330.50): E

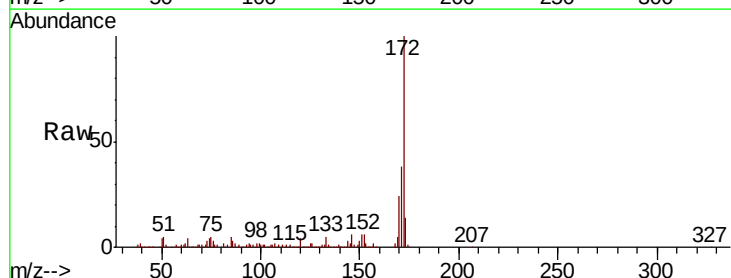
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 108.505 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.03 min
 Lab File: BG042887.D
 Acq: 18 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.9	43.3
170	24.4	19.1	28.7

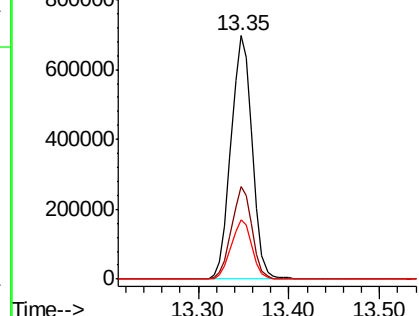
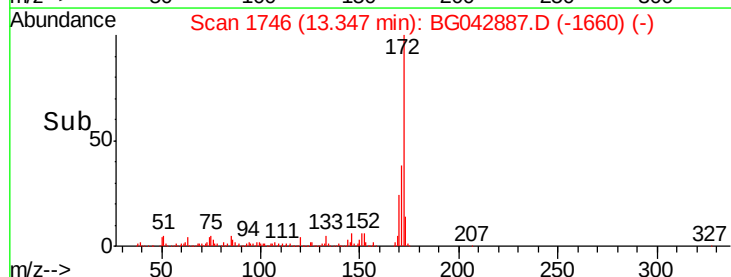


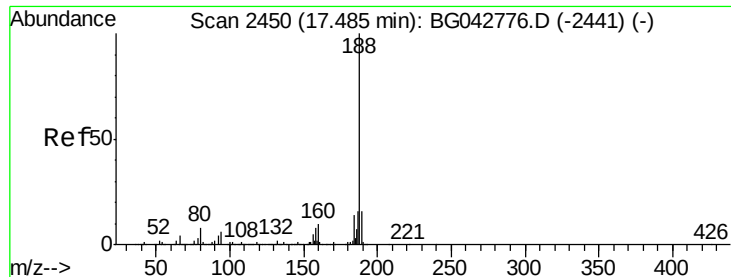
Abundance

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: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG042887.D

Acq: 18 Sep 2019 9:56

Instrument :

BNA_G

ClientSampleId :

PB123079BL

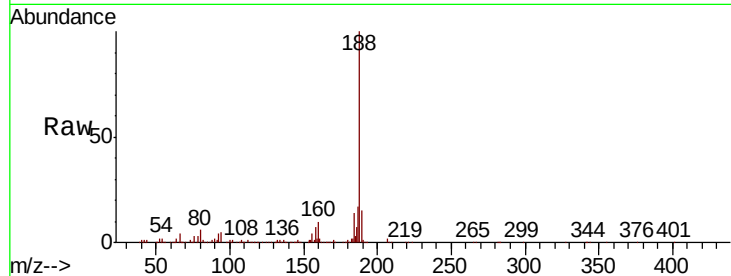
Tot Ion:188 Resp: 387300

Ion Ratio Lower Upper

188 100

94 5.5 4.8 7.2

80 6.3 6.6 9.8#

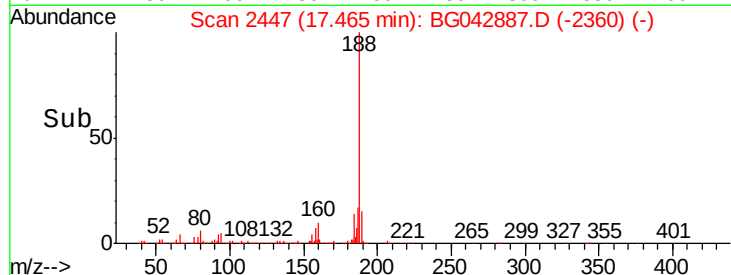


Abundance Ion 188.00 (187.70 to 188.70): E

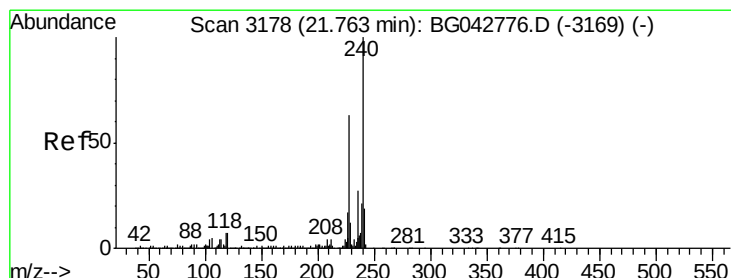
Ion 94.00 (93.70 to 94.70): BG042887.D (-3088) (-)

Ion 80.00 (79.70 to 80.70): BG042887.D (-3088) (-)

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.03 min

Lab File: BG042887.D

Acq: 18 Sep 2019 9:56

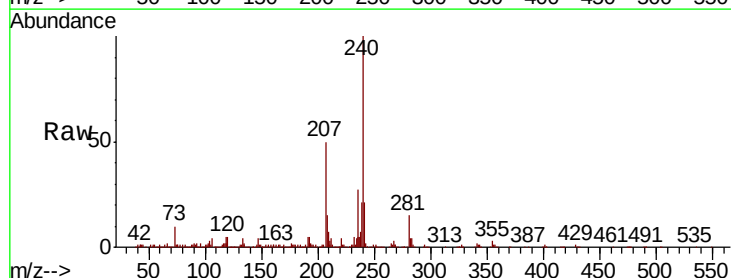
Tgt Ion:240 Resp: 362284

Ion Ratio Lower Upper

240 100

120 5.2 5.4 8.2#

236 26.6 21.7 32.5

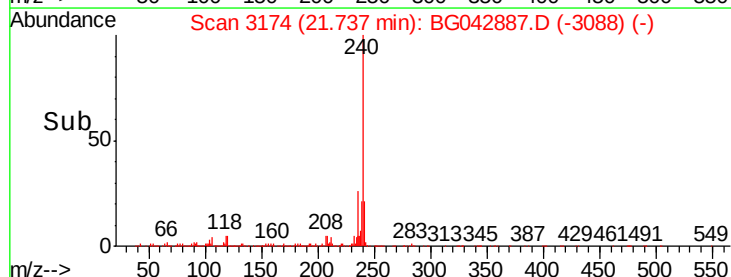


Abundance Ion 240.00 (239.70 to 240.70): E

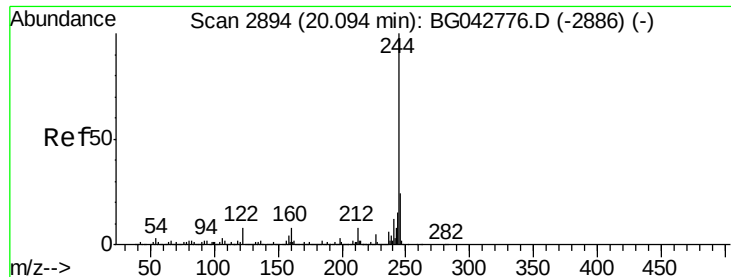
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->

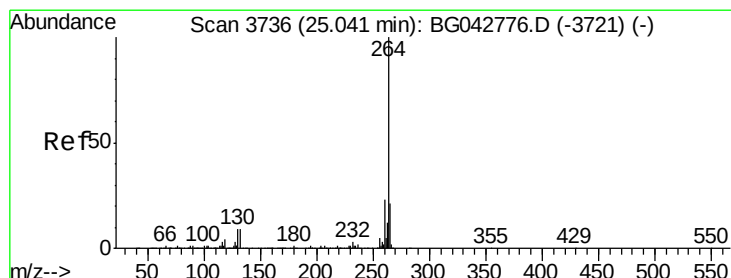
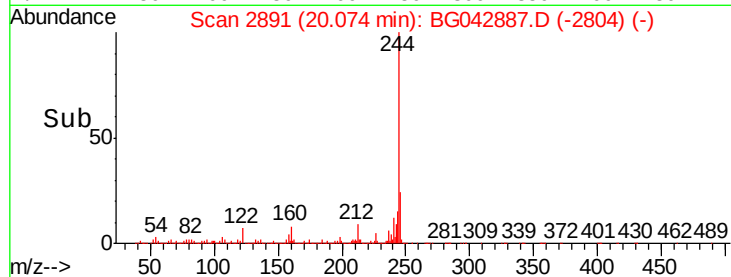
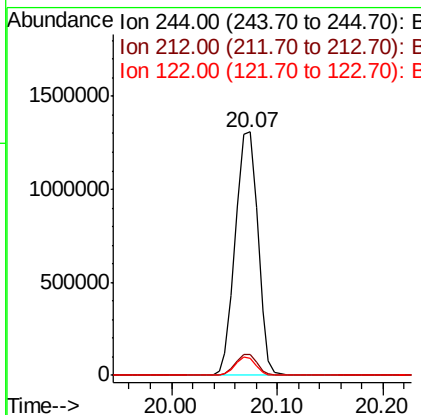
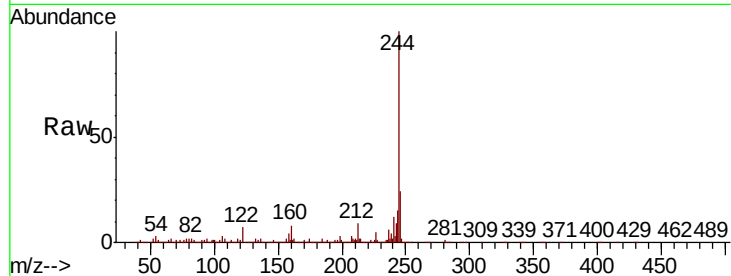


#79
 Terphenyl-d14
 Concen: 117.849 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. -0.02 min
 Lab File: BG042887.D
 Acq: 18 Sep 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :
 PB123079BL

Tot Ion:244 Resp: 1926421

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	7.1	6.2	9.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3729
 Delta R.T. -0.04 min
 Lab File: BG042887.D
 Acq: 18 Sep 2019 9:56

Tgt Ion:264 Resp: 372263

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	23.0	16.9	25.3

