

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042785.D
 Acq On : 12 Sep 2019 17:01
 Operator : HP/JU
 Sample : PB122965BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122965BL

Quant Time: Sep 13 07:03:45 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	8.12	152	72701	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	271726	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	185426	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	451795	20.00	ng	0.00
76) Chrysene-d12	21.76	240	506595	20.00	ng	0.00
87) Perylene-d12	25.04	264	536525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	551026	131.77	ng	0.00
7) Phenol-d6	7.27	99	793968	132.28	ng	0.00
23) Nitrobenzene-d5	9.28	82	489396	93.77	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	334698	135.67	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1093538	93.35	ng	0.00
79) Terphenyl-d14	20.09	244	2078576	90.93	ng	0.00

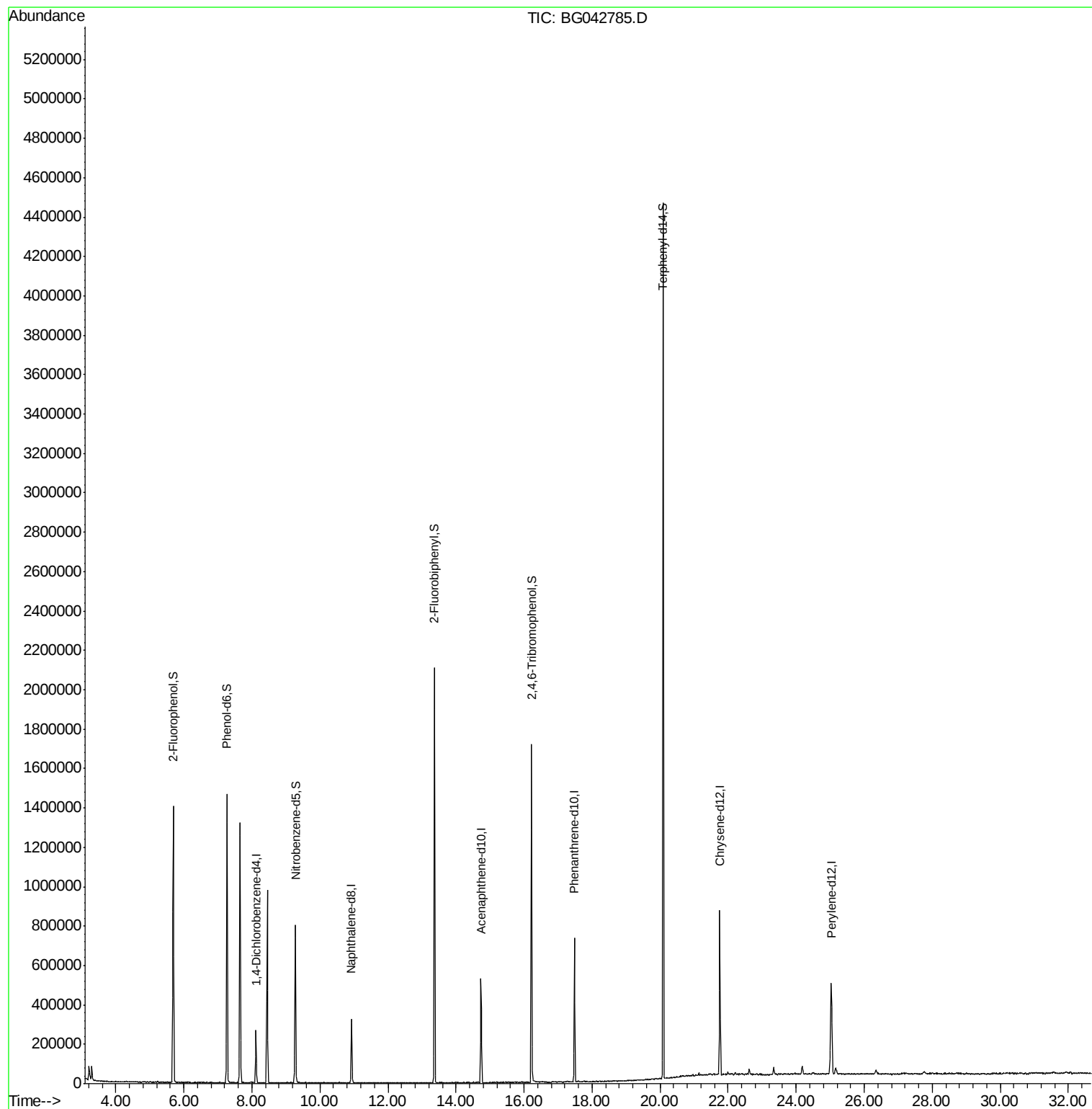
Target Compounds Qvalue

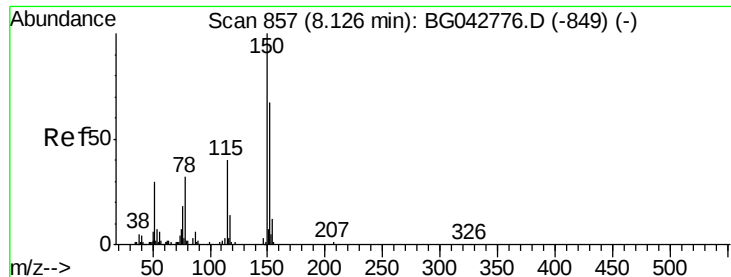
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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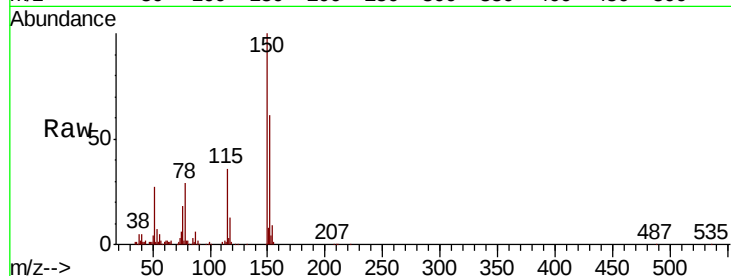


#1

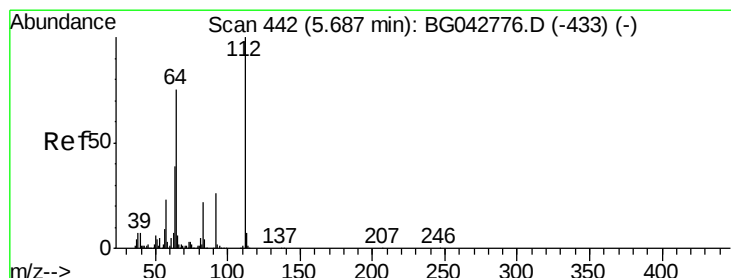
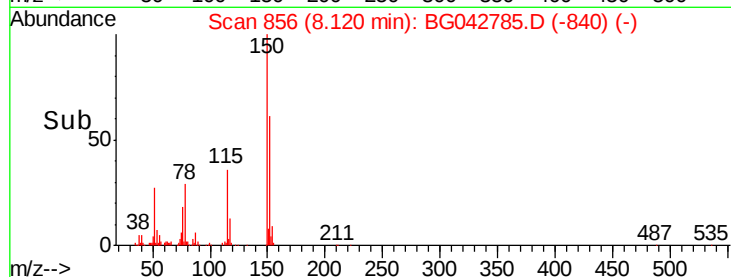
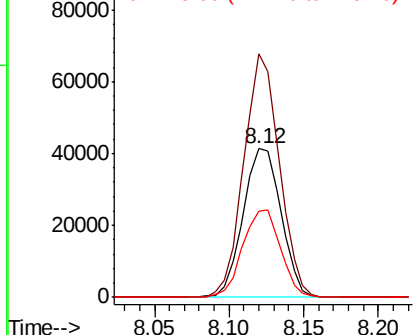
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG042785.D
 Acq: 12 Sep 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PB122965BL

Tot Ion:152 Resp: 72701
 Ion Ratio Lower Upper
 152 100
 150 163.9 118.9 178.3
 115 58.5 47.4 71.2



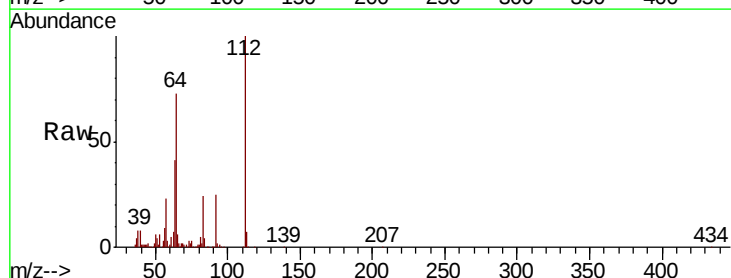
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



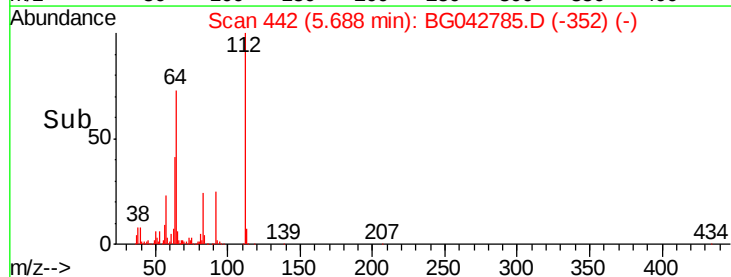
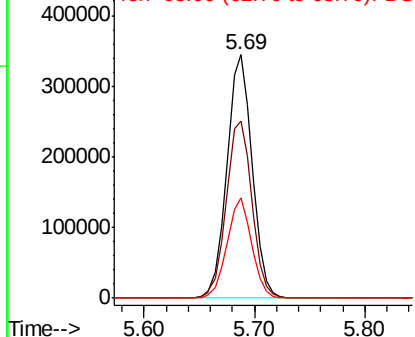
#5

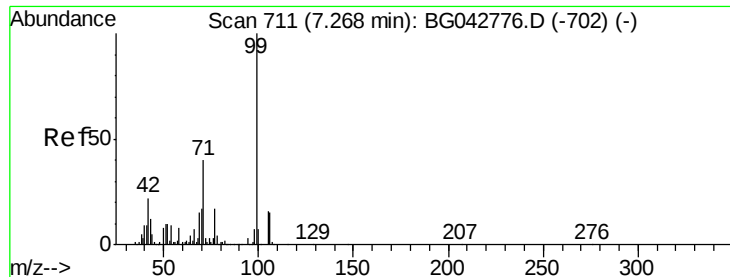
2-Fluorophenol
 Concen: 131.771 ng
 RT: 5.69 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BG042785.D
 Acq: 12 Sep 2019 17:01

Tgt Ion:112 Resp: 551026
 Ion Ratio Lower Upper
 112 100
 64 72.7 60.2 90.2
 63 41.2 31.2 46.8



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: 132.280 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042785.D

Acq: 12 Sep 2019 17:01

Instrument :

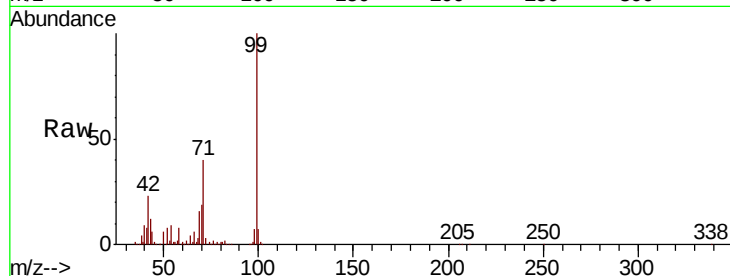
BNA_G

ClientSampleId :

PB122965BL

Tot Ion: 99 Resp: 793968

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.5	26.3
71	40.0	32.0	48.0

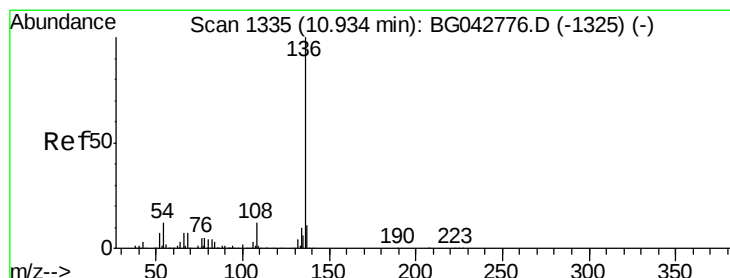
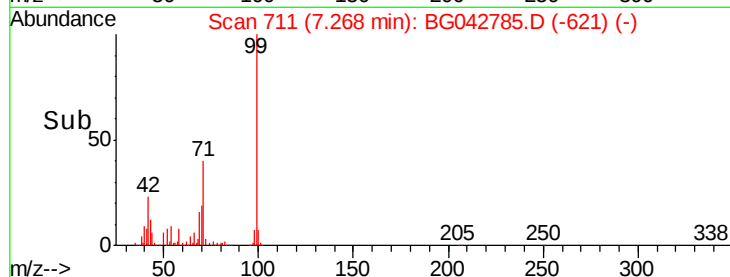
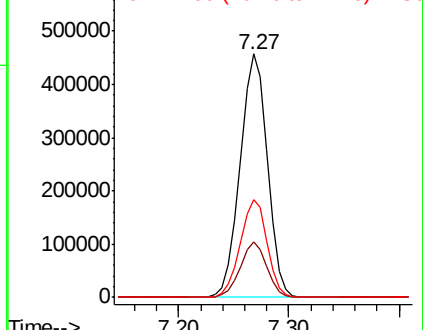


Abundance

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: 10.93 min Scan# 1334

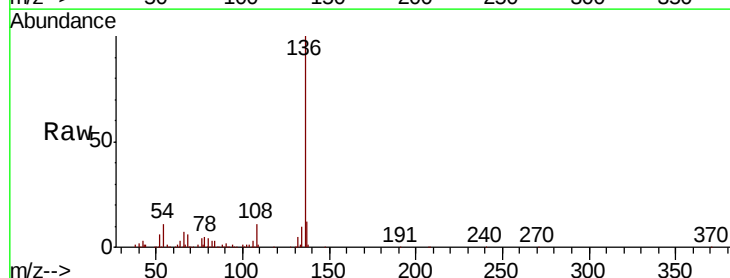
Delta R.T. -0.01 min

Lab File: BG042785.D

Acq: 12 Sep 2019 17:01

Tgt Ion: 136 Resp: 271726

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	11.4	9.4	14.0
68	5.6	5.4	8.2



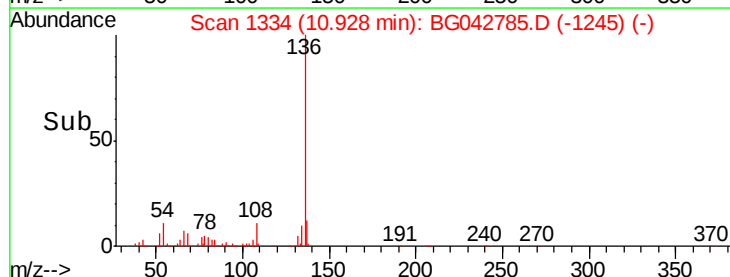
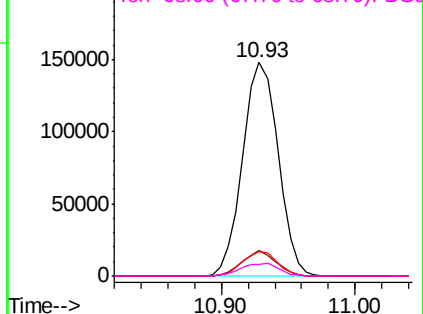
Abundance

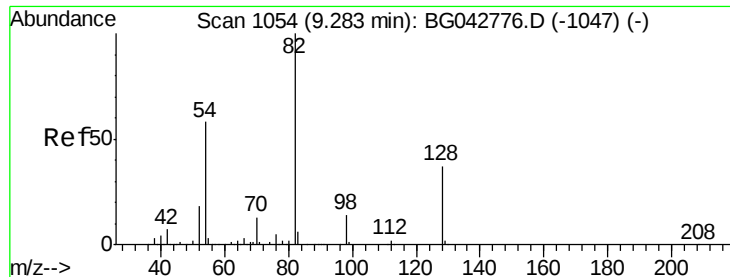
Ion 136.00 (135.70 to 136.70): BGC

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

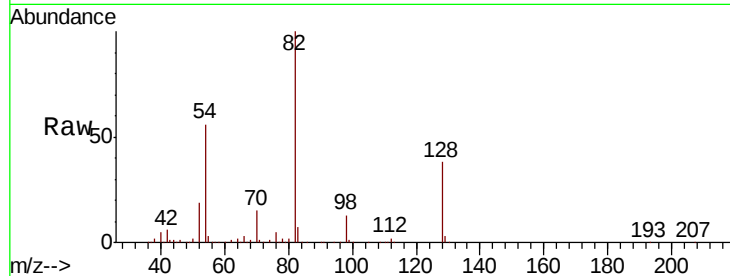




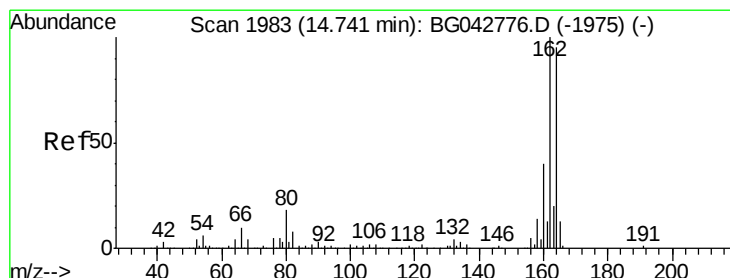
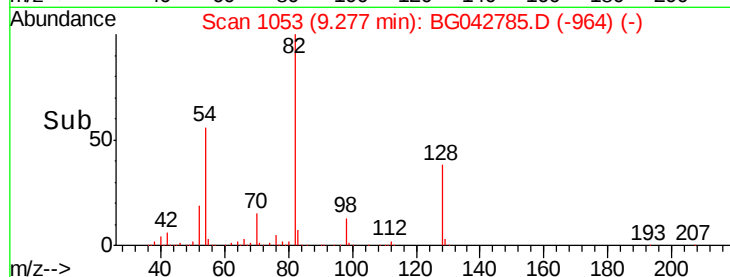
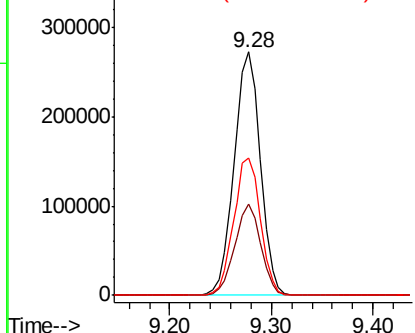
#23
 Nitrobenzene-d5
 Concen: 93.768 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042785.D
 Acq: 12 Sep 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PB122965BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.8	44.8
54	56.4	46.1	69.1

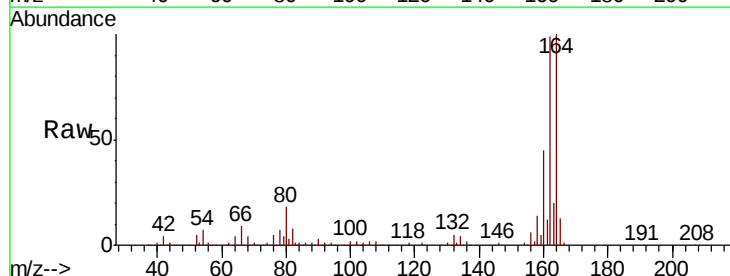


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

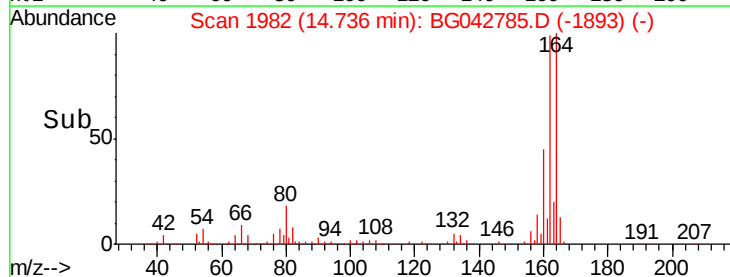
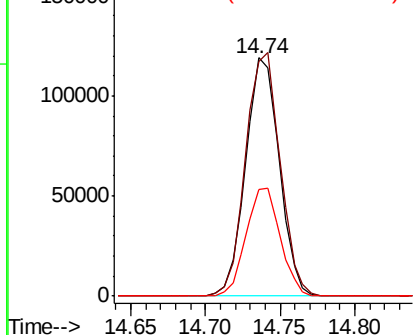


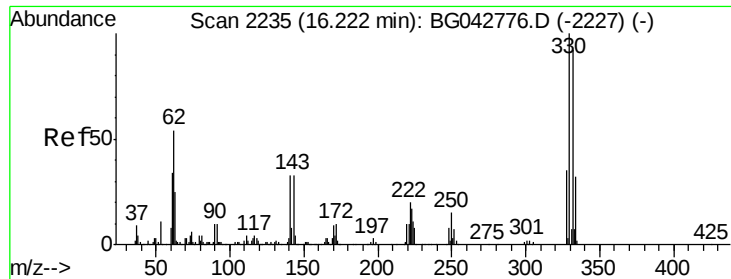
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG042785.D
 Acq: 12 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	84.6	126.8
160	44.6	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

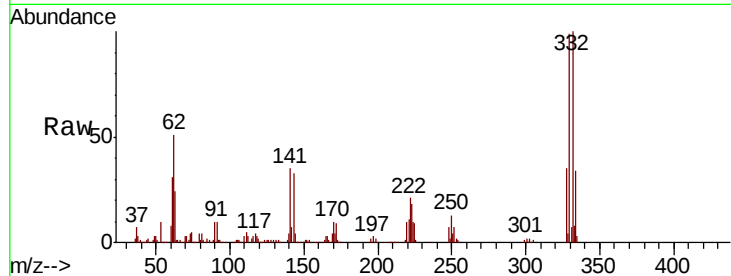




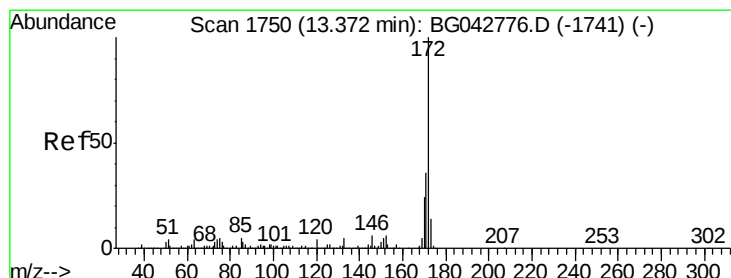
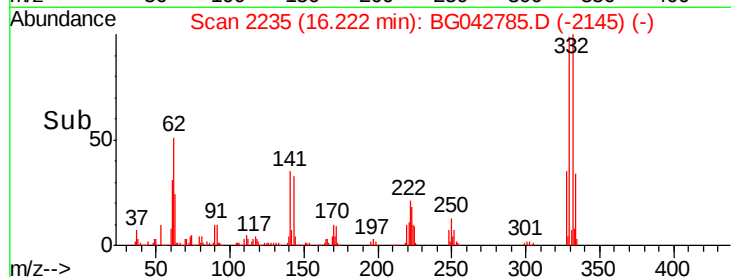
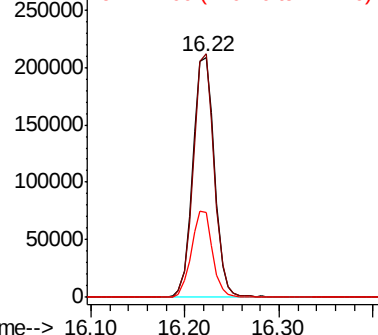
#42
 2,4,6-Tribromophenol
 Concen: 135.673 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. 0.00 min
 Lab File: BG042785.D
 Acq: 12 Sep 2019 17:01

Instrument :
 BNA_G
 ClientSampled :
 PB122965BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.7	115.1
141	35.1	27.0	40.6

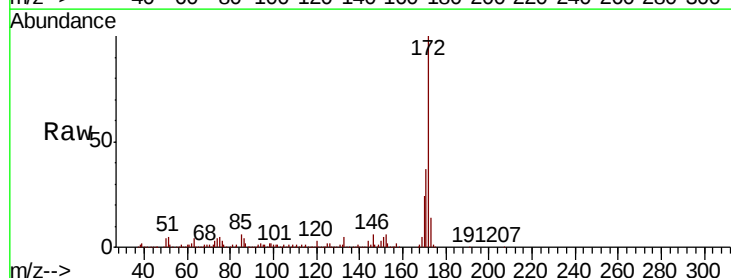


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

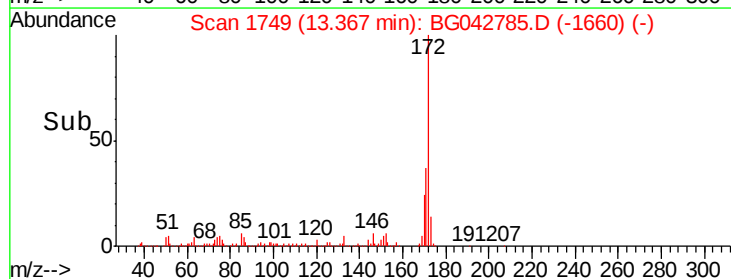
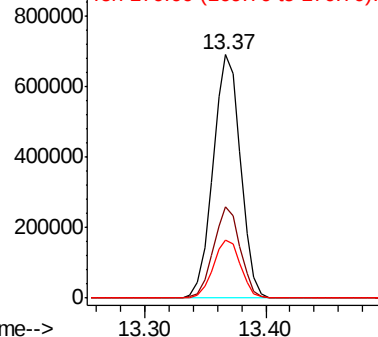


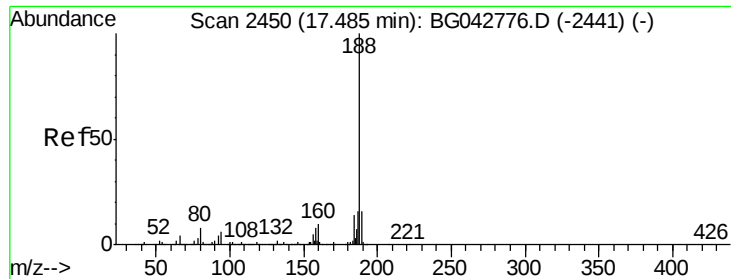
#45
 2-Fluorobiphenyl
 Concen: 93.353 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042785.D
 Acq: 12 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	24.0	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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042785.D

Acq: 12 Sep 2019 17:01

Instrument :

BNA_G

ClientSampleId :

PB122965BL

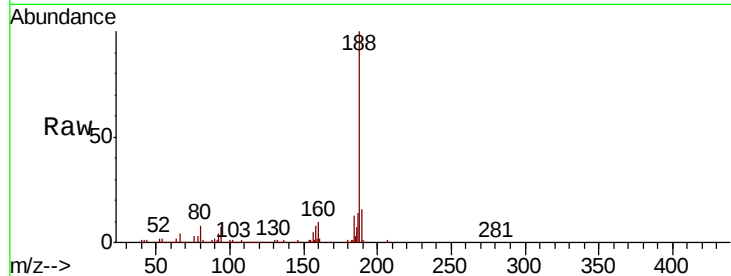
Tot Ion:188 Resp: 451795

Ion Ratio Lower Upper

188 100

94 7.0 4.8 7.2

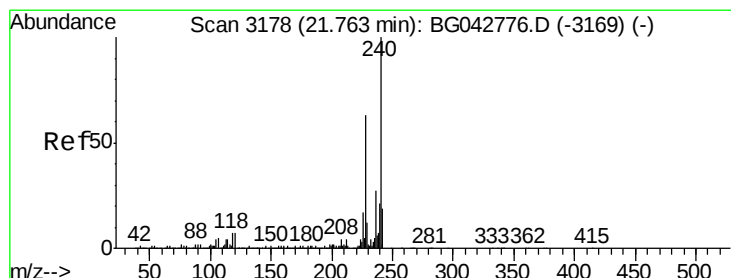
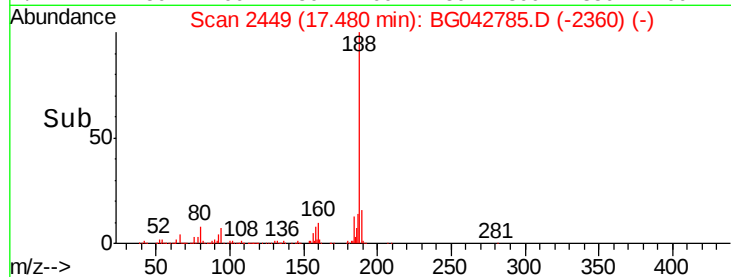
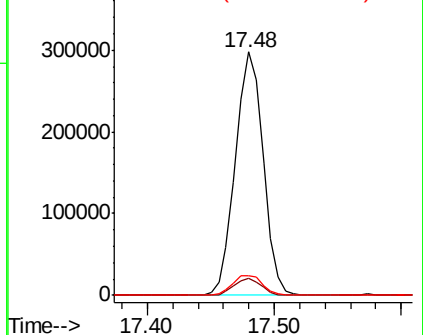
80 7.9 6.6 9.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042785.D

Acq: 12 Sep 2019 17:01

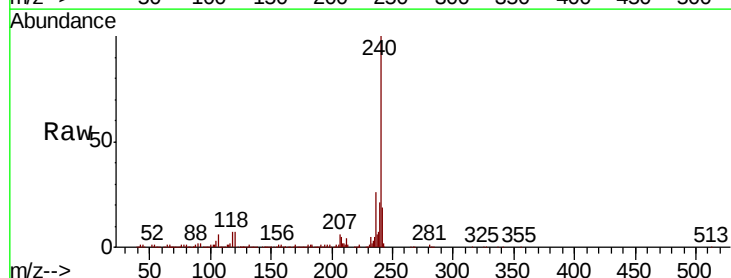
Tgt Ion:240 Resp: 506595

Ion Ratio Lower Upper

240 100

120 6.8 5.4 8.2

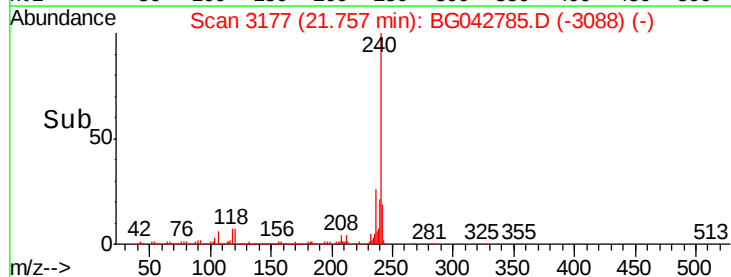
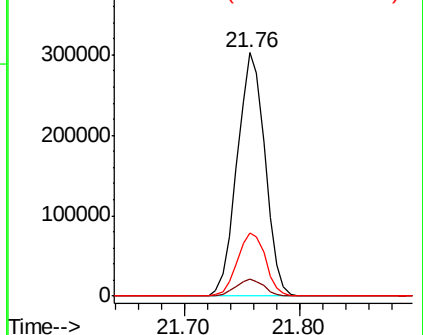
236 25.7 21.7 32.5

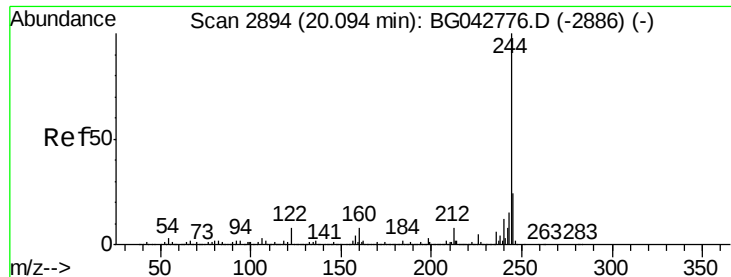


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.935 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042785.D

Acq: 12 Sep 2019 17:01

Instrument :

BNA_G

ClientSampleId :

PB122965BL

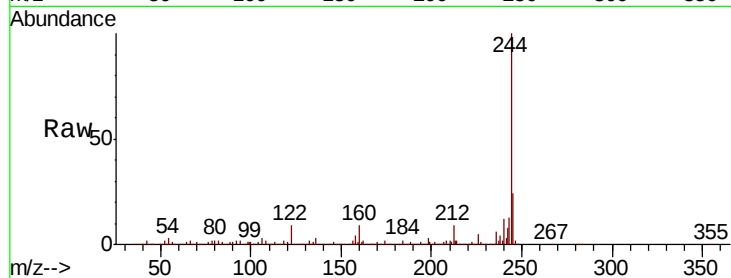
Tot Ion:244 Resp: 2078576

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

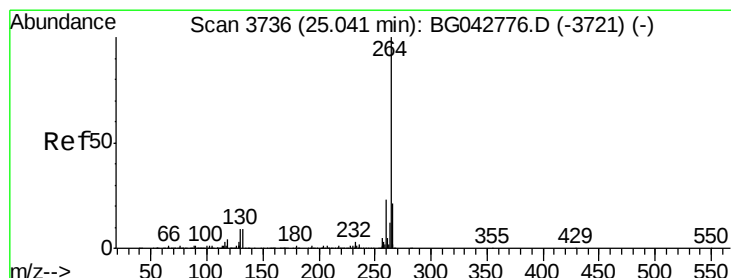
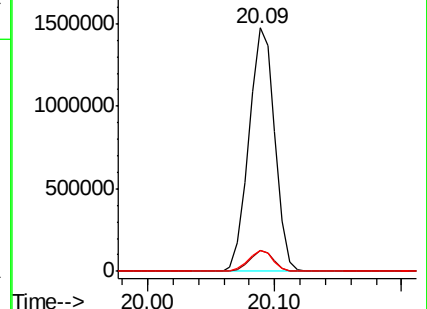
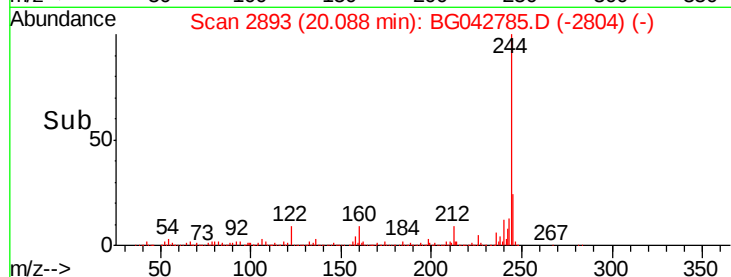
122 8.6 6.2 9.4



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# 3735

Delta R.T. -0.01 min

Lab File: BG042785.D

Acq: 12 Sep 2019 17:01

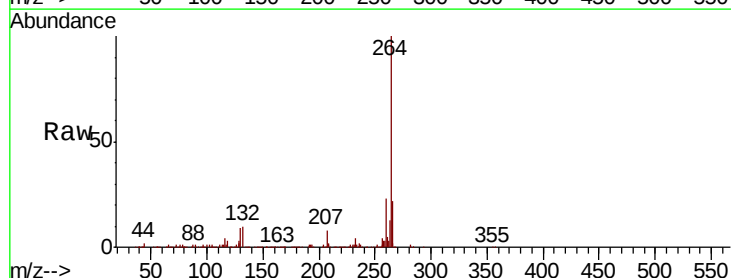
Tgt Ion:264 Resp: 536525

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 21.6 16.9 25.3



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

