

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040728.D
 Acq On : 3 May 2019 17:14
 Operator : JU/SJ
 Sample : PB119443TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119443TB

Quant Time: May 04 07:04:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	33858	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	144585	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	108752	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	316133	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	345231	20.00	ng	-0.02
87) Perylene-d12	25.16	264	317958	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	355127	184.89	ng	0.00
7) Phenol-d6	7.28	99	520075	175.86	ng	-0.01
23) Nitrobenzene-d5	9.32	82	354508	113.29	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	286642	191.76	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	800695	106.33	ng	-0.02
79) Terphenyl-d14	20.11	244	1742501	111.82	ng	-0.02

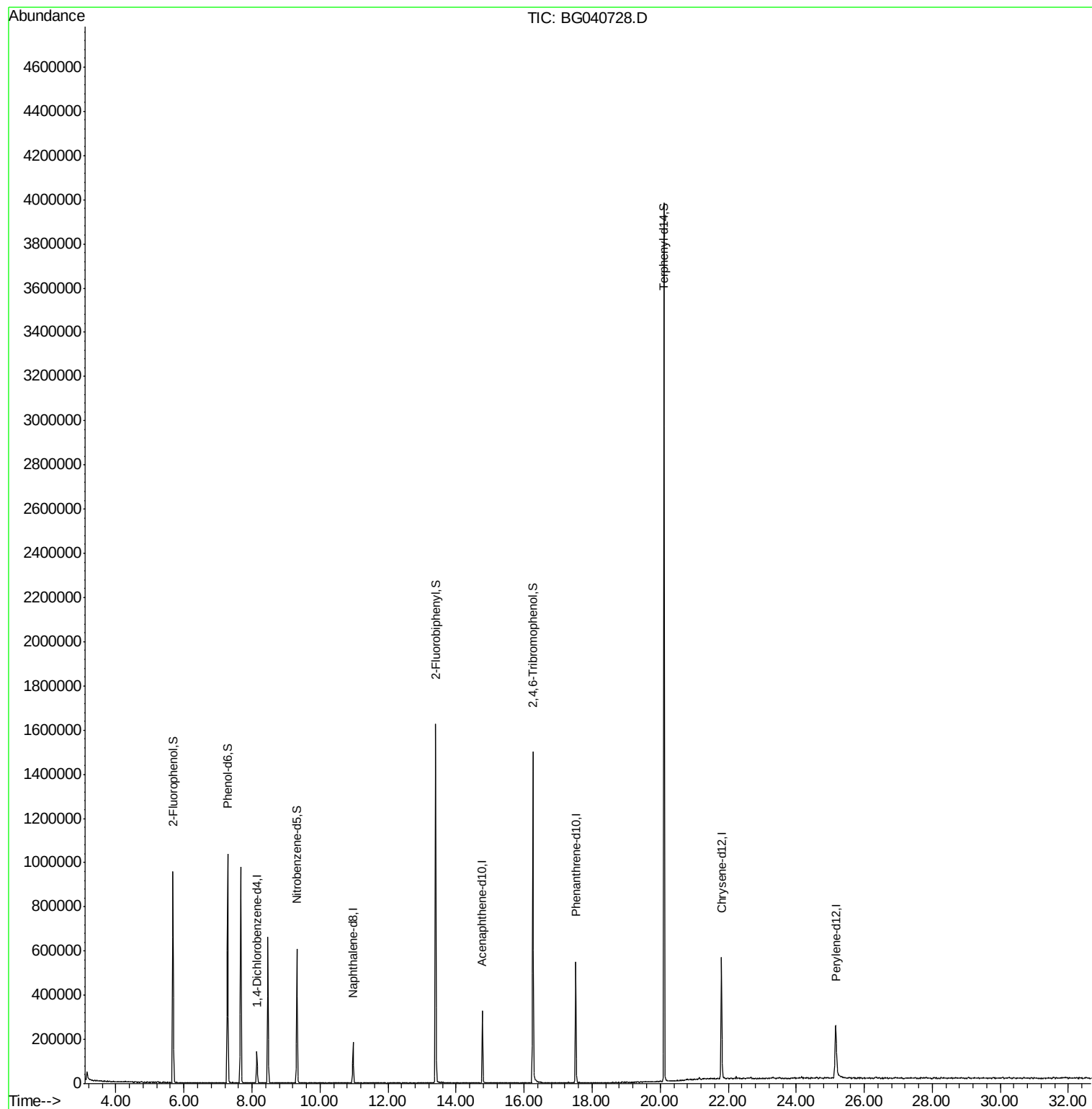
Target Compounds Qvalue

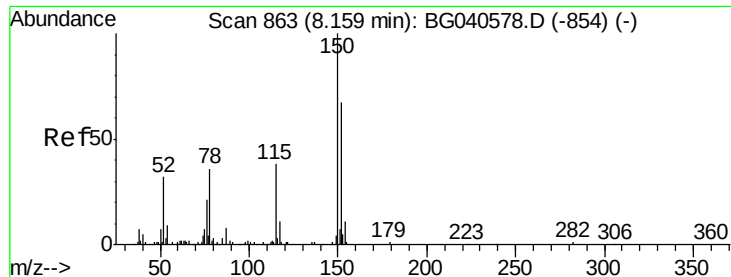
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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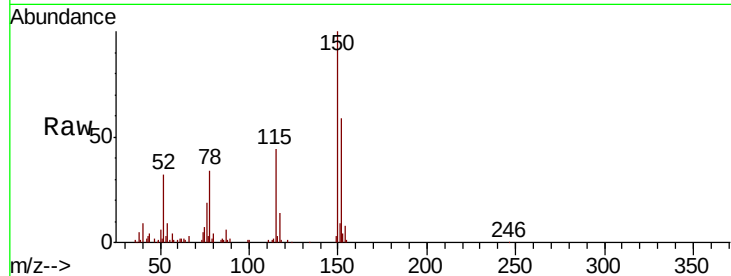


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BG040728.D
 Acq: 3 May 2019 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB119443TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.6	120.2	180.2
115	73.9	46.2	69.2

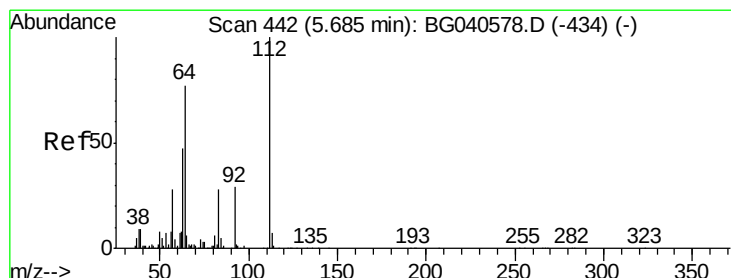
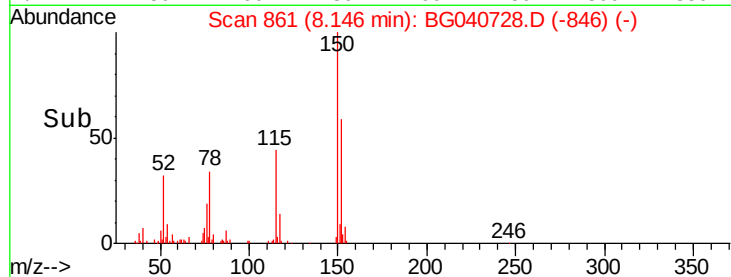
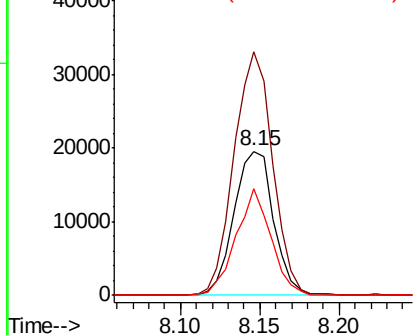


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

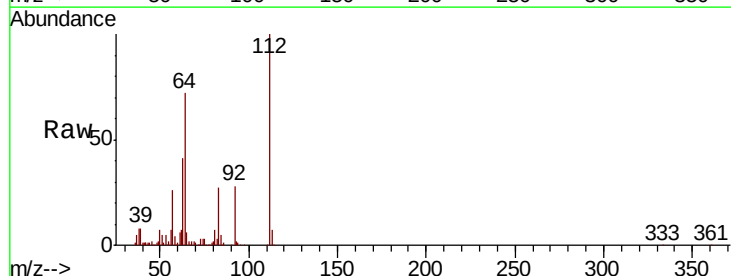
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 184.891 ng
 RT: 5.68 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BG040728.D
 Acq: 3 May 2019 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	61.4	92.0
63	41.2	37.8	56.6

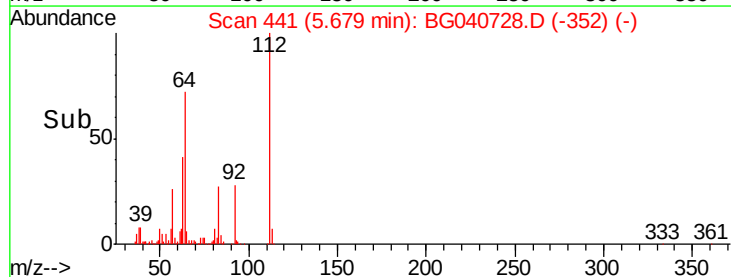
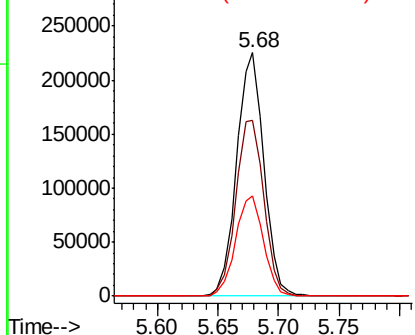


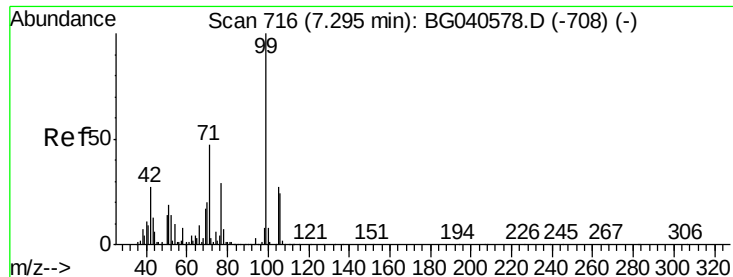
Abundance

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: 175.856 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040728.D

Acq: 3 May 2019 17:14

Instrument :

BNA_G

ClientSampleId :

PB119443TB

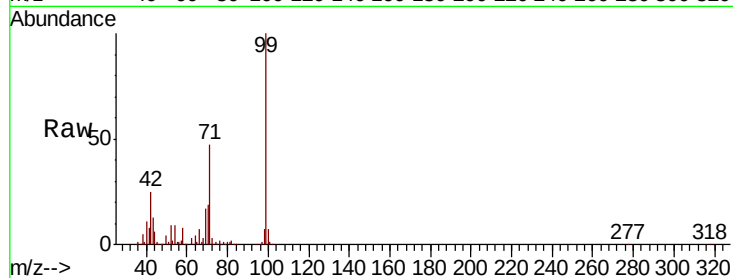
Tot Ion: 99 Resp: 520075

Ion Ratio Lower Upper

99 100

42 24.5 21.8 32.8

71 46.6 38.6 57.8

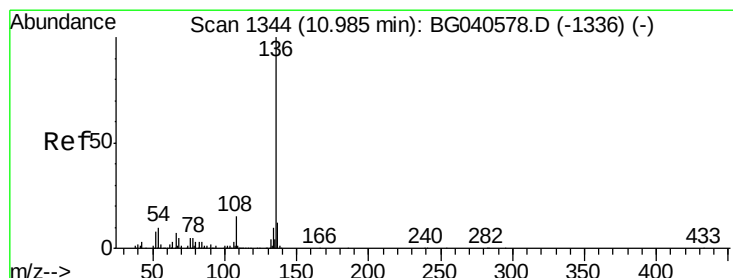
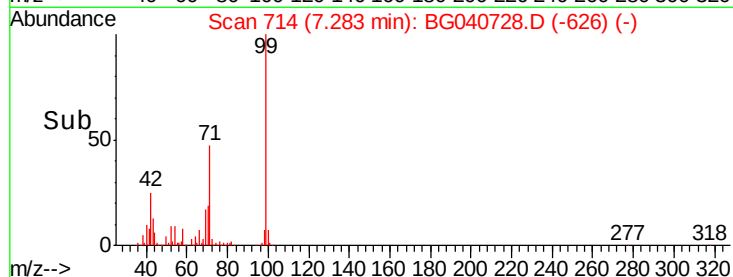
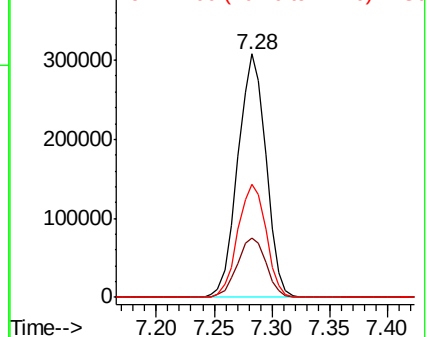


Abundance

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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040728.D

Acq: 3 May 2019 17:14

Tgt Ion: 136 Resp: 144585

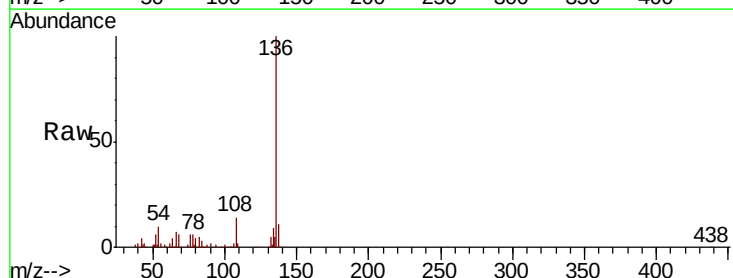
Ion Ratio Lower Upper

136 100

137 10.8 9.7 14.5

54 10.0 8.6 12.8

68 5.7 4.8 7.2



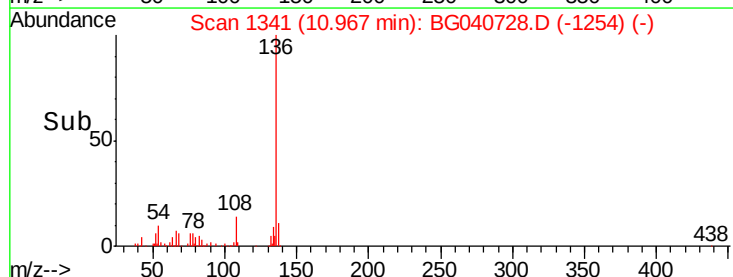
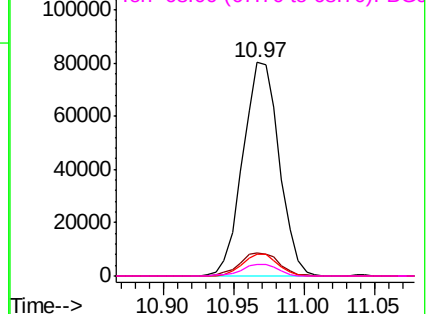
Abundance

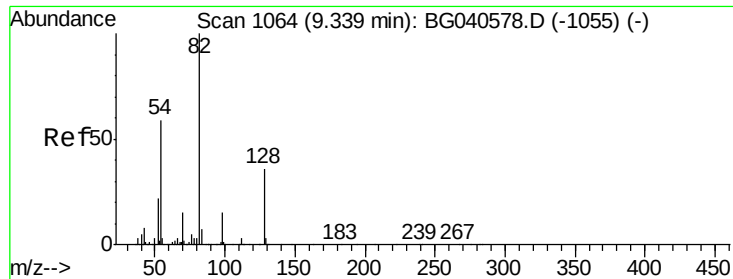
Ion 136.00 (135.70 to 136.70): BGC

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

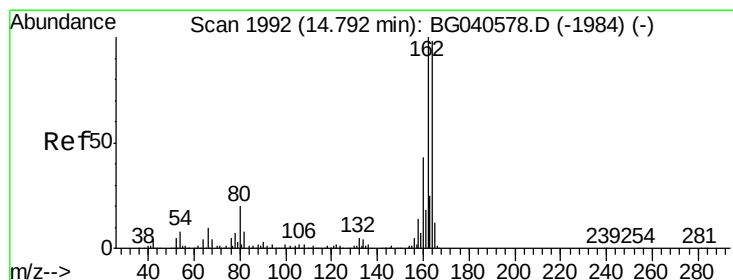
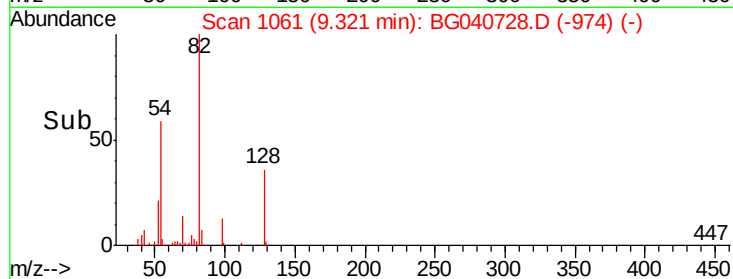
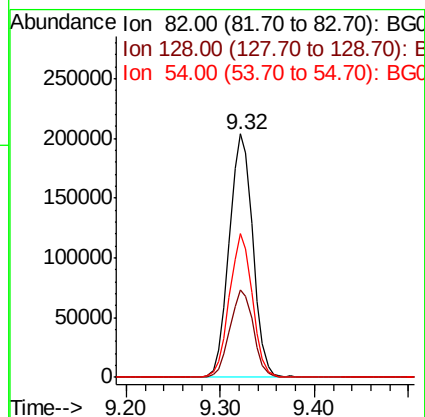
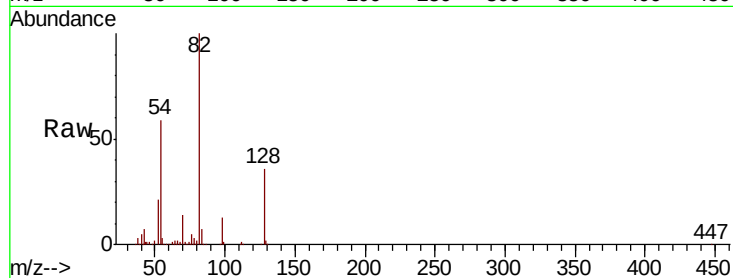




#23
 Nitrobenzene-d5
 Concen: 113.293 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040728.D
 Acq: 3 May 2019 17:14

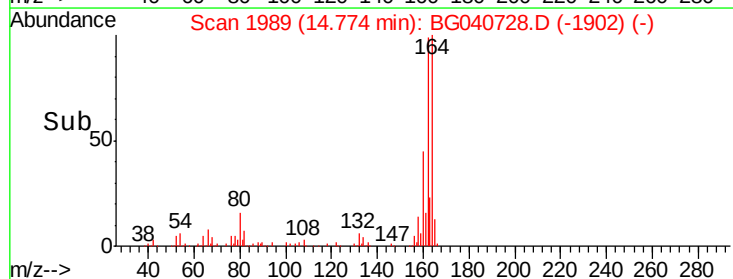
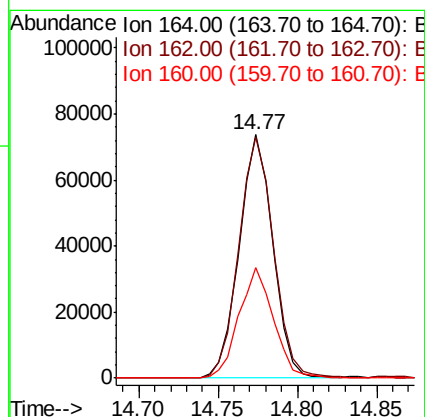
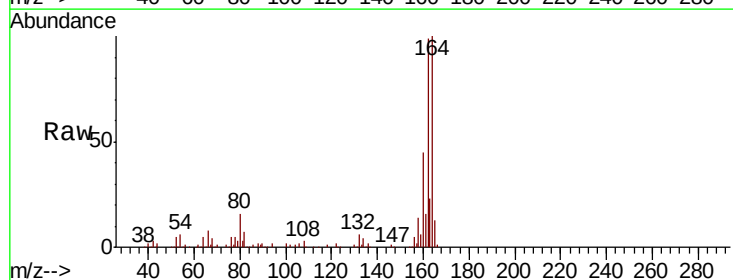
Instrument :
 BNA_G
 ClientSampleID :
 PB119443TB

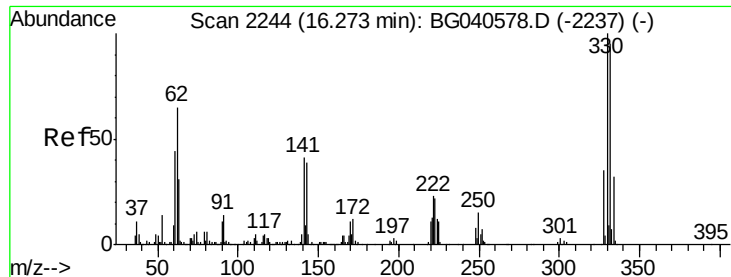
Tot Ion	82	Resp	354508
Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.9	43.3
54	59.3	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040728.D
 Acq: 3 May 2019 17:14

Tgt Ion	164	Resp	108752
Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.9	122.9
160	45.3	35.4	53.2

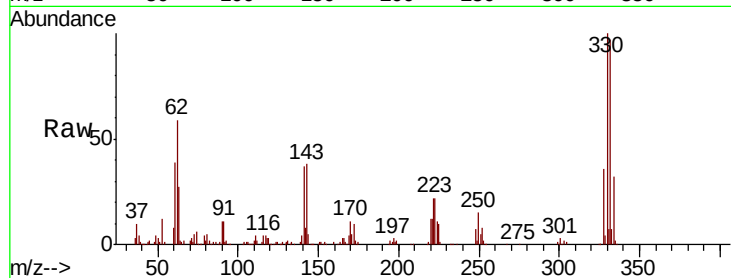




#42
 2,4,6-Tribromophenol
 Concen: 191.757 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040728.D
 Acq: 3 May 2019 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB119443TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.9	113.9
141	37.8	32.4	48.6

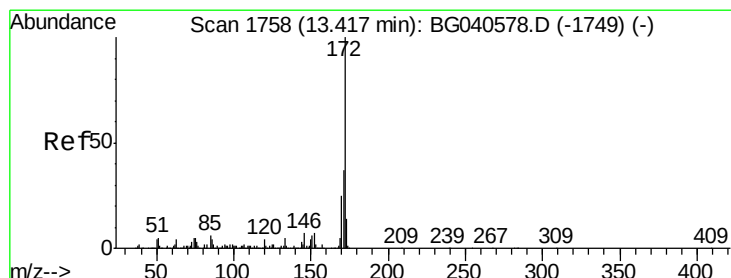
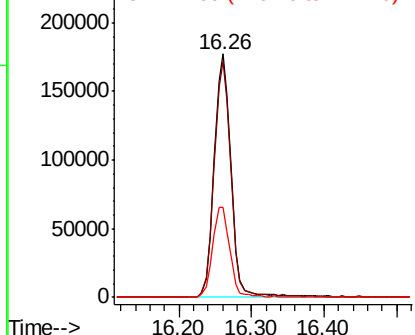
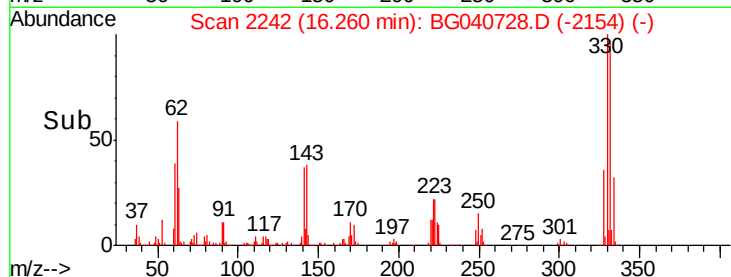


Abundance

Ion 329.80 (329.50 to 330.50): E

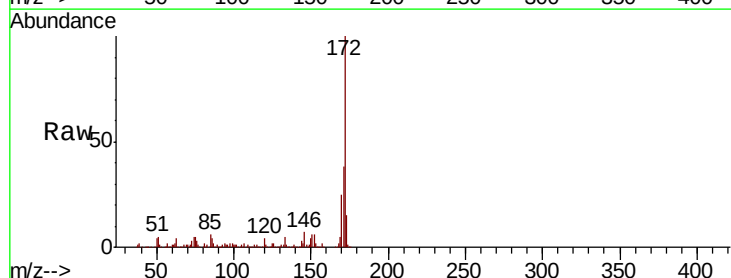
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 106.330 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040728.D
 Acq: 3 May 2019 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	24.6	19.9	29.9

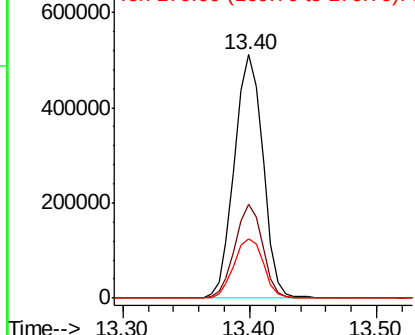
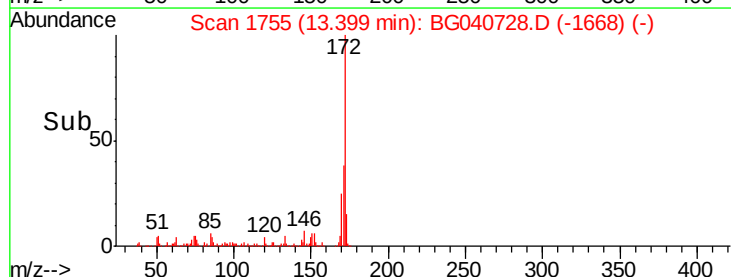


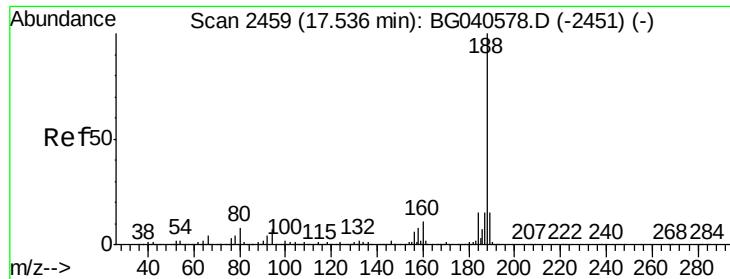
Abundance

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

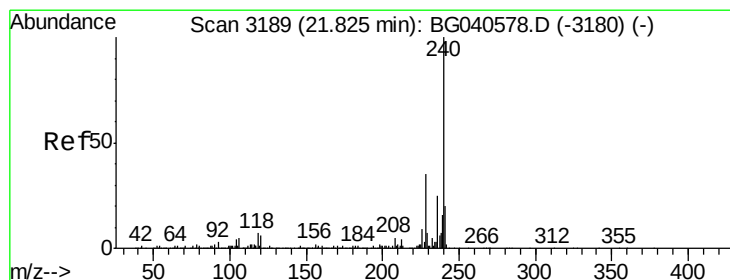
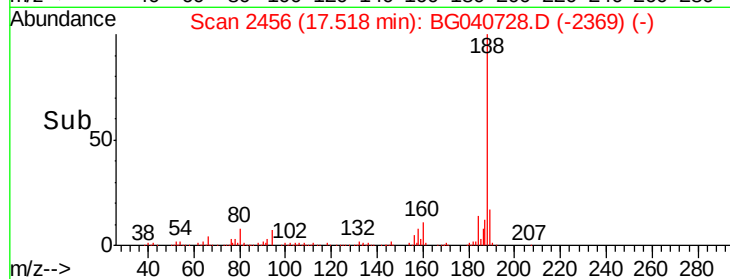
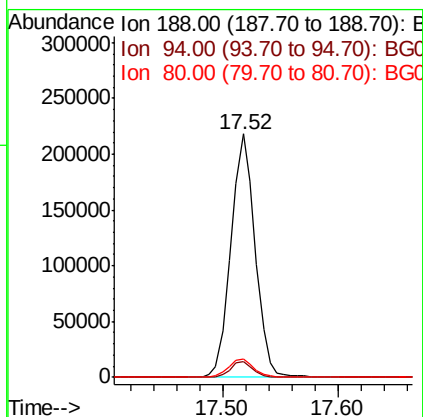
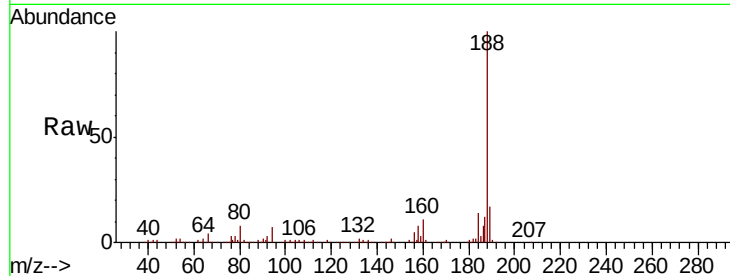




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040728.D
Acq: 3 May 2019 17:14

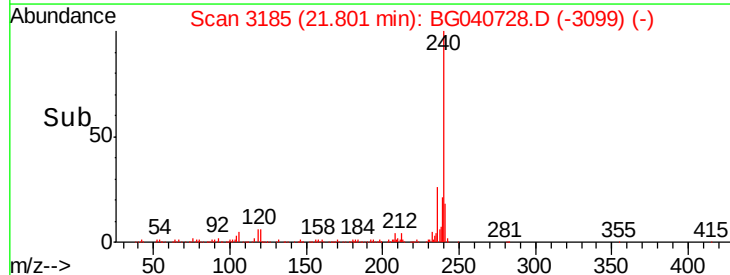
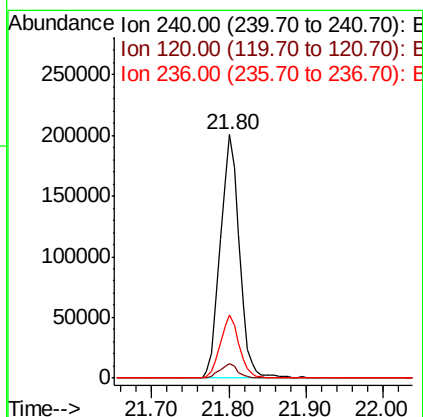
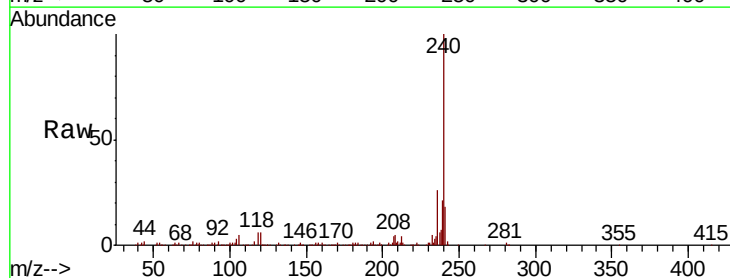
Instrument :
BNA_G
ClientSampleId :
PB119443TB

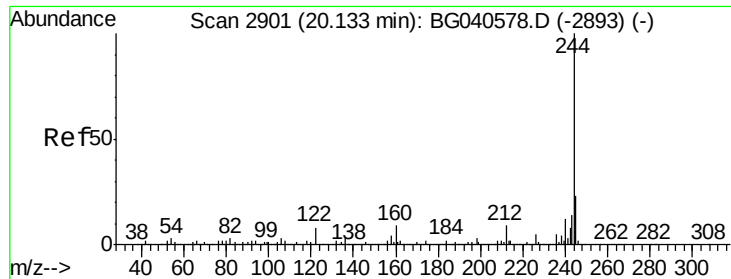
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.6	8.4
80	7.8	6.4	9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.02 min
Lab File: BG040728.D
Acq: 3 May 2019 17:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.6
236	26.1	20.3	30.5





#79

Terphenyl-d14

Concen: 111.820 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040728.D

Acq: 3 May 2019 17:14

Instrument :

BNA_G

ClientSampleId :

PB119443TB

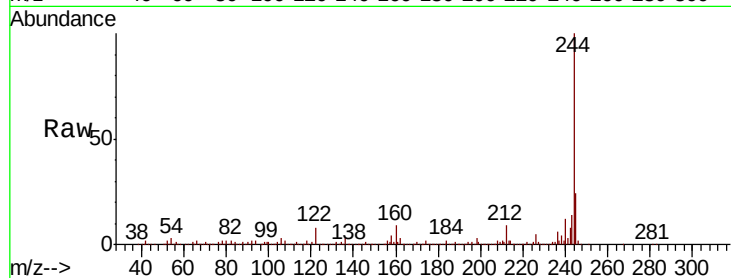
Tot Ion:244 Resp: 1742501

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

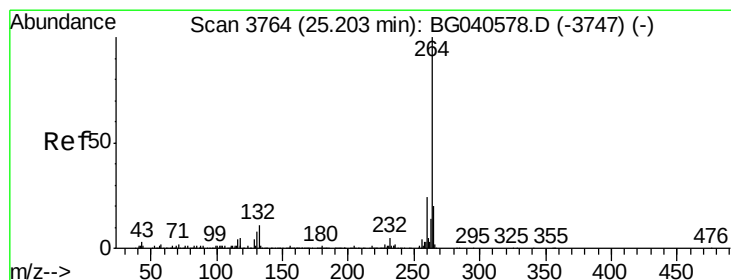
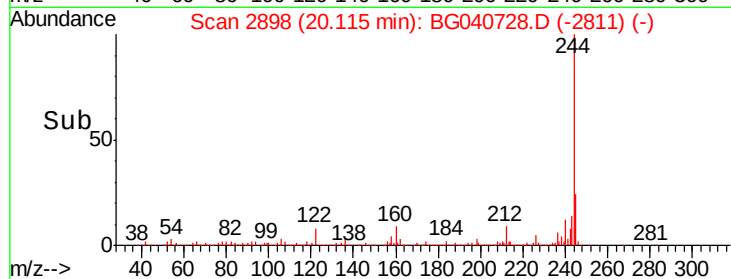
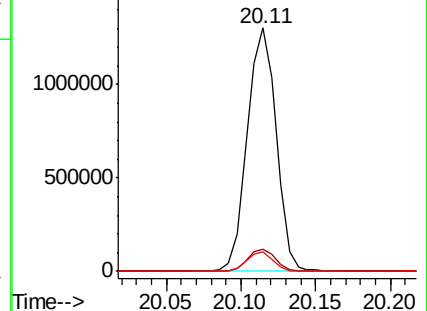
122 8.1 6.6 10.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040728.D

Acq: 3 May 2019 17:14

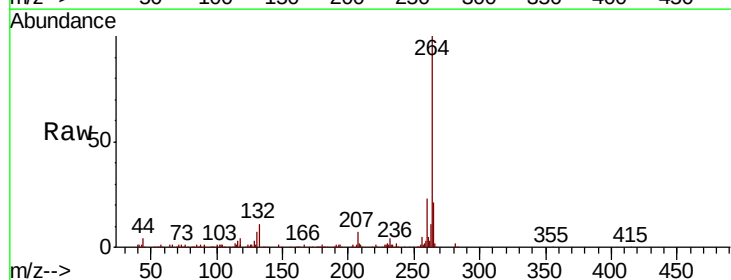
Tgt Ion:264 Resp: 317958

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.4 16.6 25.0



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

