

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041130.D
 Acq On : 8 Jun 2019 12:58
 Operator : HP/JU
 Sample : K3153-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-A

Quant Time: Jun 09 23:16:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35270	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	135633	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	109510	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	316879	20.00	ng	0.00
76) Chrysene-d12	21.75	240	340166	20.00	ng	0.00
87) Perylene-d12	25.07	264	351907	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	260877	133.38	ng	0.00
7) Phenol-d6	7.25	99	342700	113.45	ng	0.00
23) Nitrobenzene-d5	9.28	82	290352	95.03	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	256829	157.98	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	696058	91.53	ng	0.00
79) Terphenyl-d14	20.07	244	1539632	96.06	ng	0.00

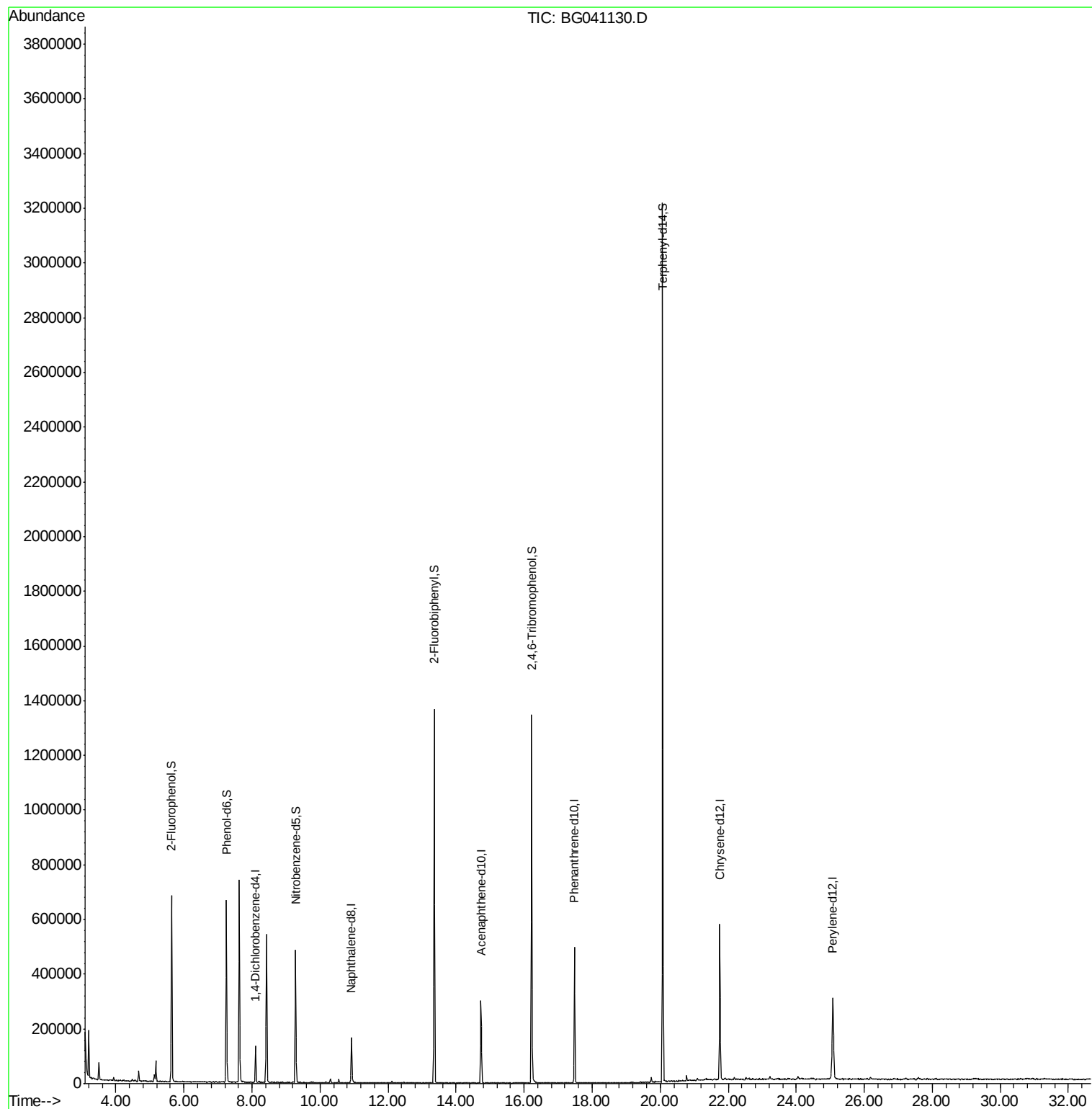
Target Compounds Qvalue

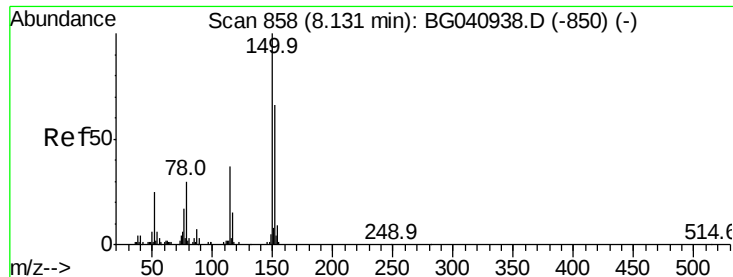
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-A

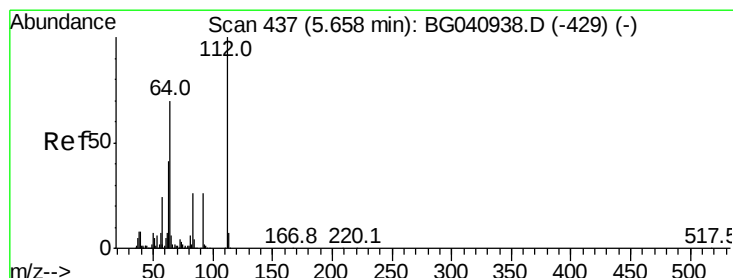
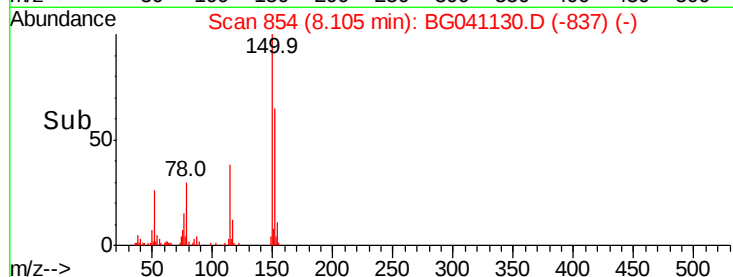
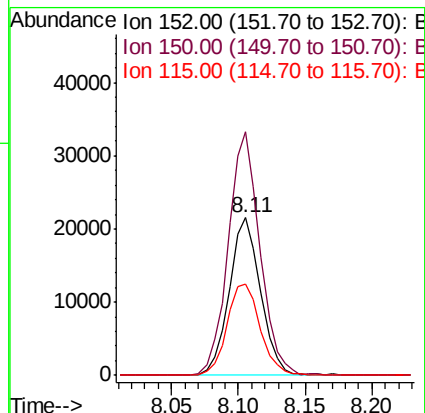
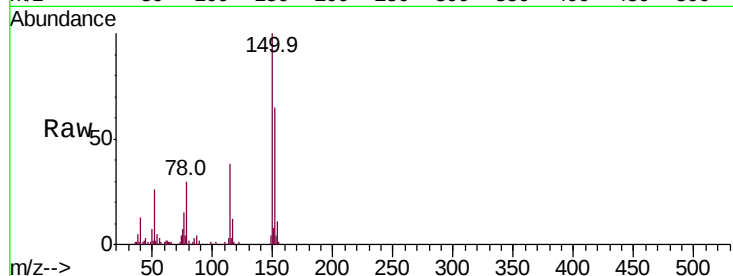
Tot Ion:152 Resp: 35270

Ion Ratio Lower Upper

152 100

150 154.5 120.6 180.8

115 58.0 45.1 67.7



#5

2-Fluorophenol

Concen: 133.376 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

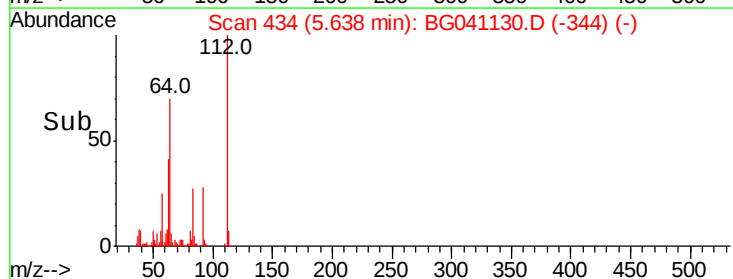
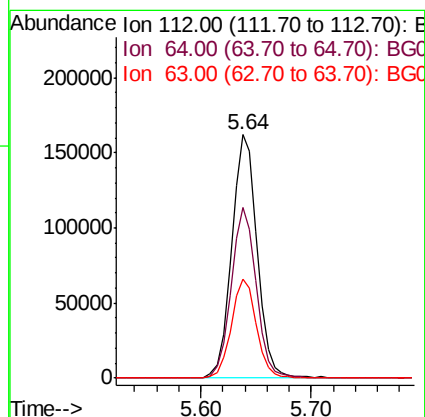
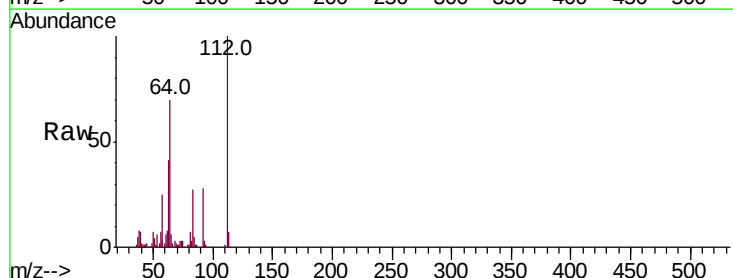
Tgt Ion:112 Resp: 260877

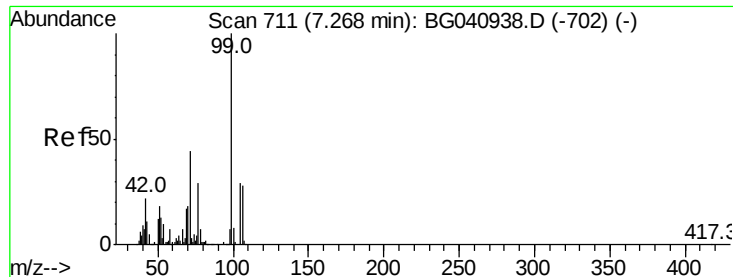
Ion Ratio Lower Upper

112 100

64 70.3 56.2 84.2

63 40.5 32.8 49.2





#7

Phenol-d6

Concen: 113.448 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-A

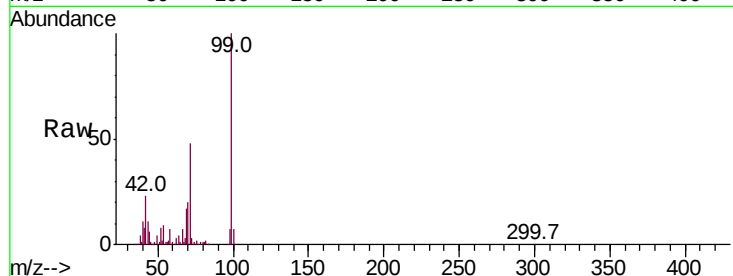
Tot Ion: 99 Resp: 342700

Ion Ratio Lower Upper

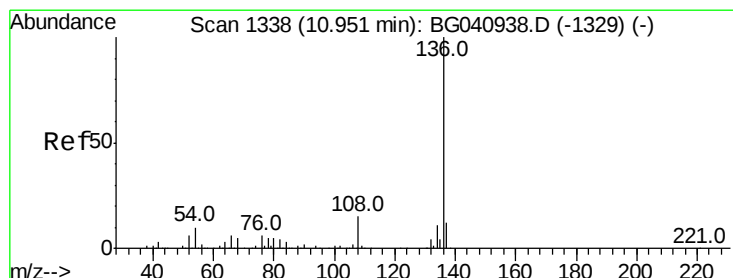
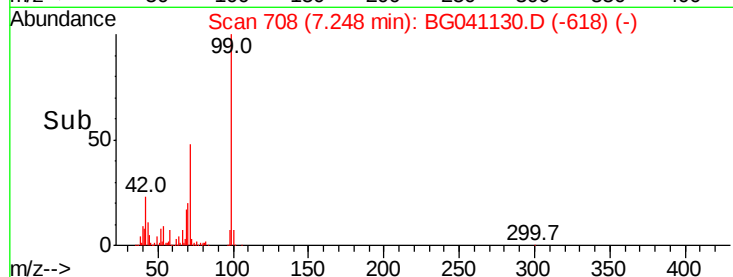
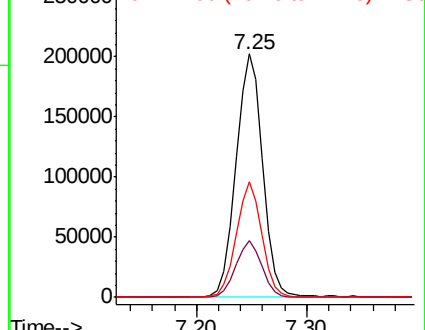
99 100

42 23.0 17.9 26.9

71 47.6 35.4 53.0



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. 0.00 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

Tgt Ion: 136 Resp: 135633

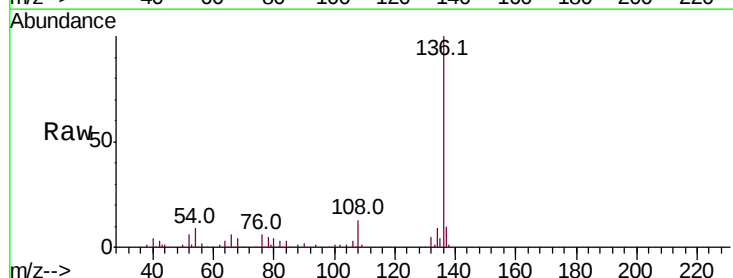
Ion Ratio Lower Upper

136 100

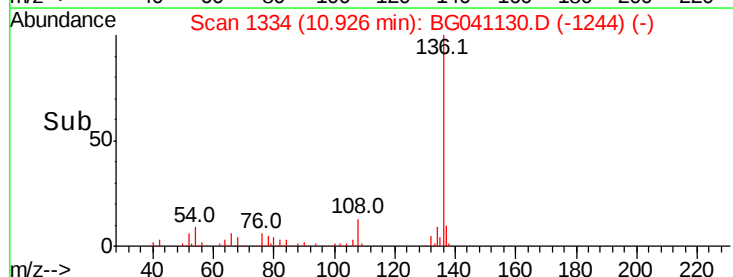
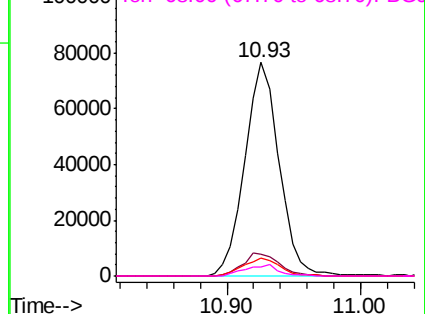
137 9.9 9.5 14.3

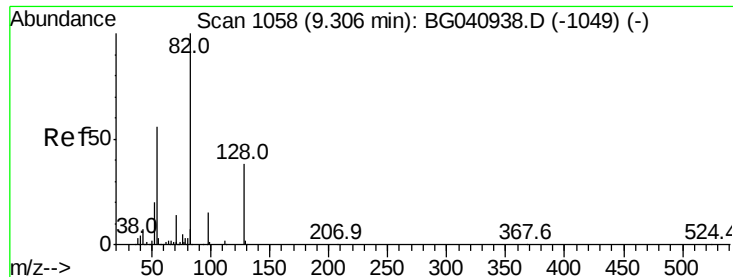
54 8.6 7.6 11.4

68 4.2 3.9 5.9



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

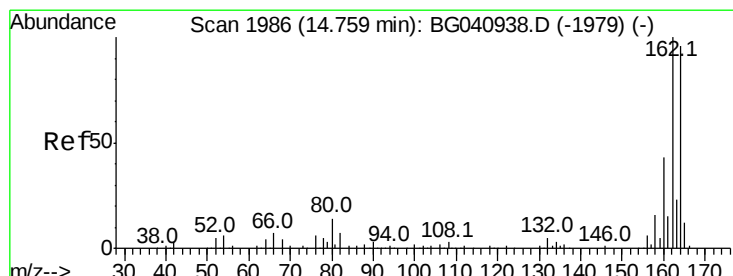
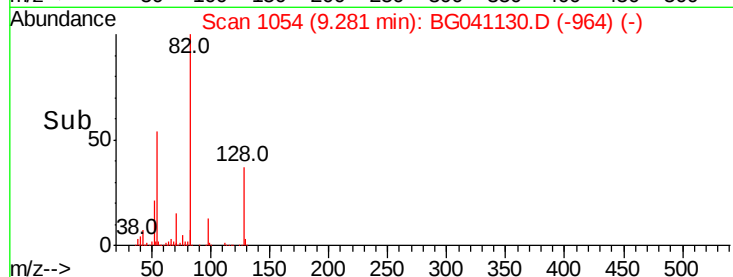
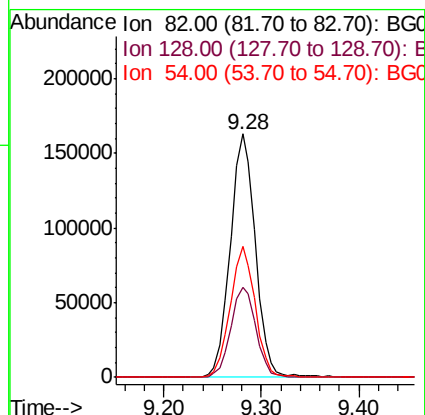
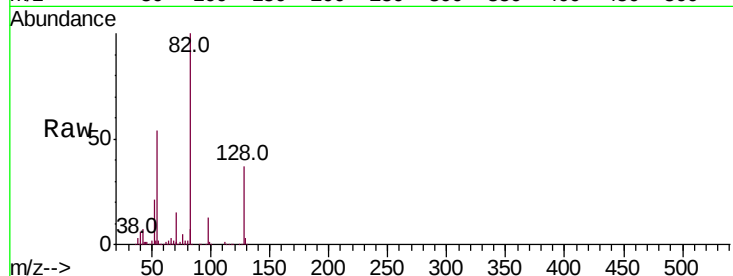




#23
 Nitrobenzene-d5
 Concen: 95.034 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041130.D
 Acq: 8 Jun 2019 12:58

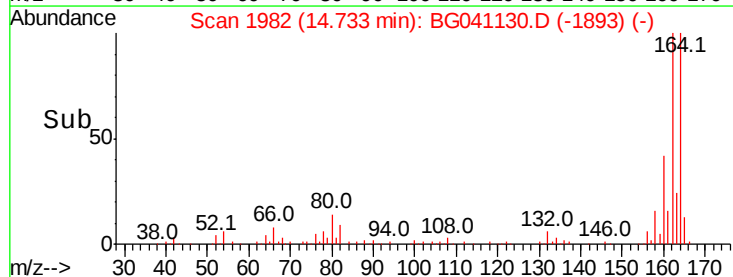
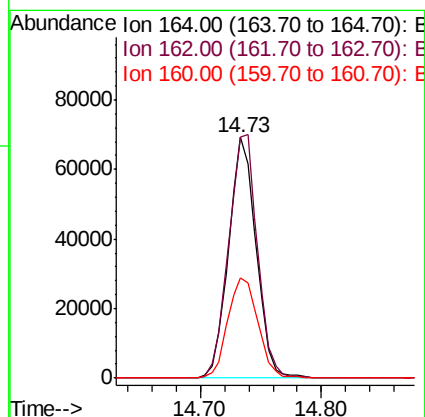
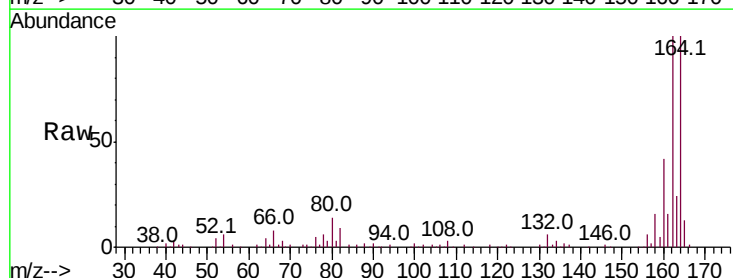
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-A

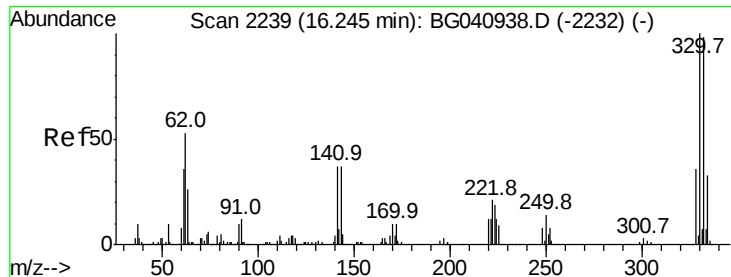
Tot Ion	82	Resp	290352
Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.5	45.7
54	53.9	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG041130.D
 Acq: 8 Jun 2019 12:58

Tgt Ion	164	Resp	109510
Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.0	124.4
160	41.8	35.6	53.4

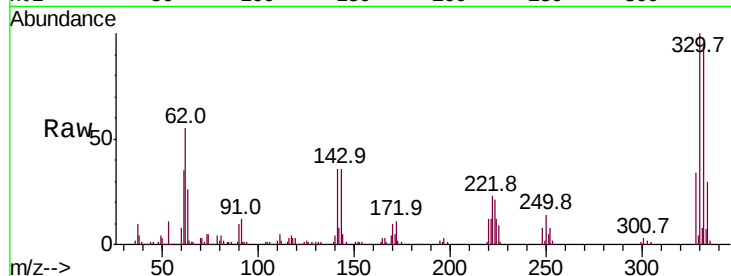




#42
 2,4,6-Tribromophenol
 Concen: 157.975 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG041130.D
 Acq: 8 Jun 2019 12:58

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.5	117.7
141	35.8	28.7	43.1

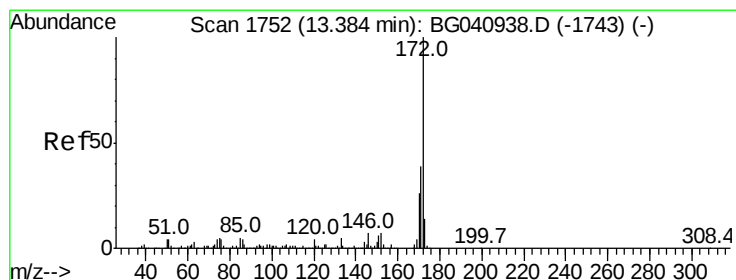
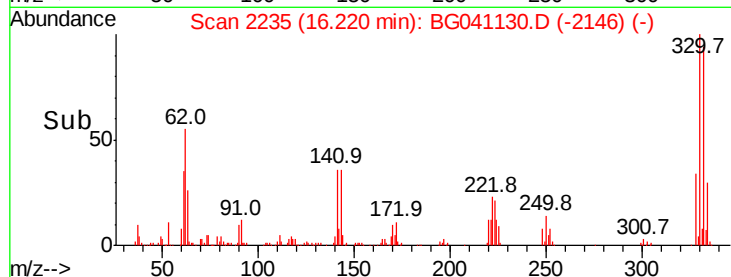
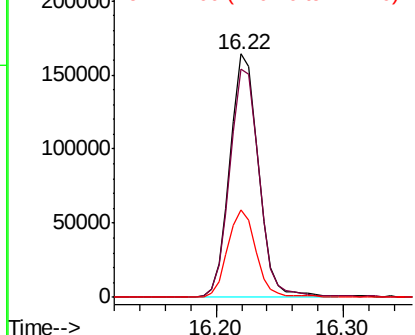


Abundance

Ion 329.80 (329.50 to 330.50): E

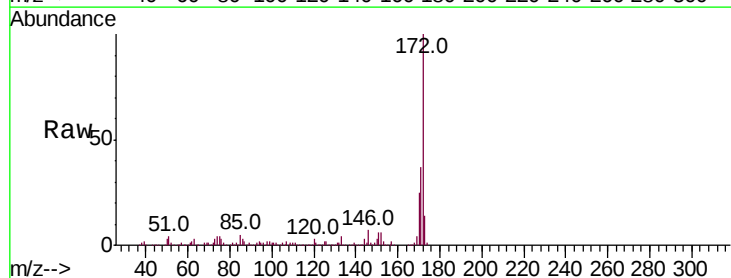
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.535 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041130.D
 Acq: 8 Jun 2019 12:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.1	46.7
170	25.1	20.5	30.7

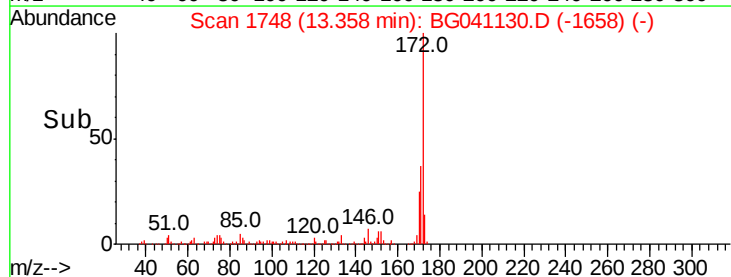
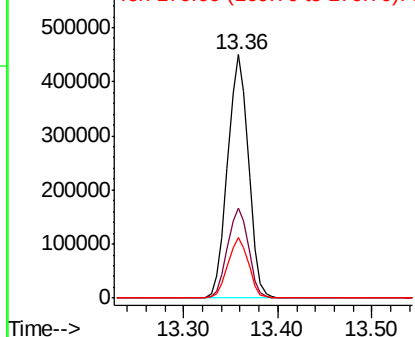


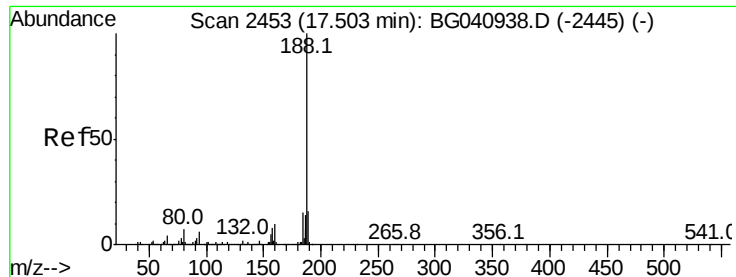
Abundance

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: BG041130.D

Acq: 8 Jun 2019 12:58

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-A

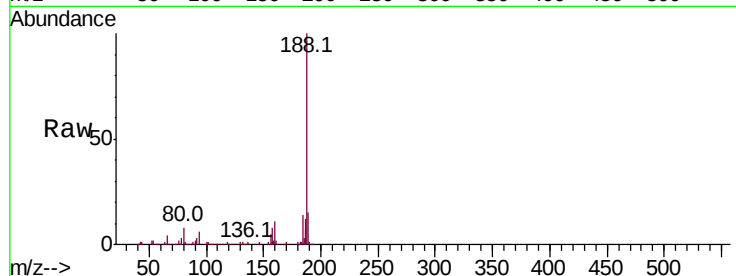
Tot Ion:188 Resp: 316879

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

80 7.8 5.8 8.8



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

250000

17.48

200000

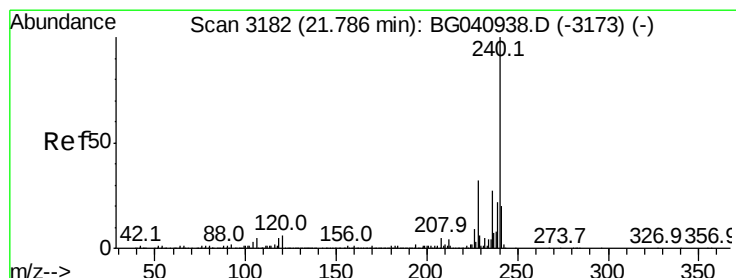
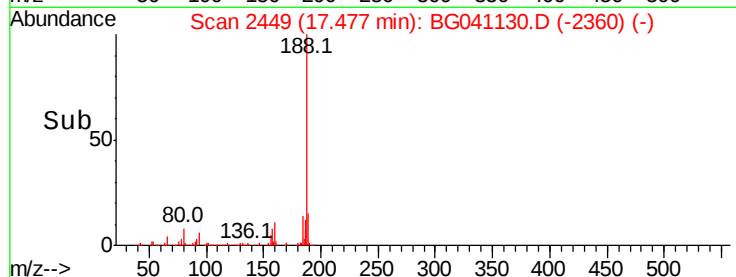
150000

100000

50000

0

Time--> 17.40 17.50 17.60



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

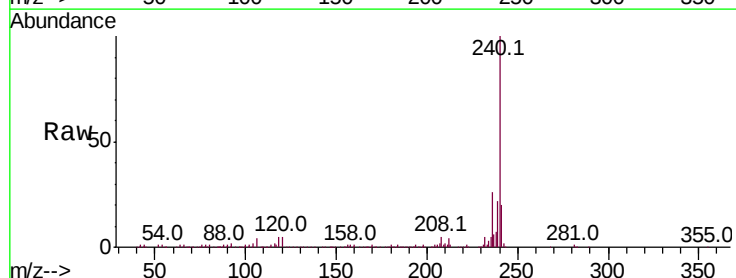
Tgt Ion:240 Resp: 340166

Ion Ratio Lower Upper

240 100

120 5.3 4.5 6.7

236 25.7 21.3 31.9



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

250000

21.75

200000

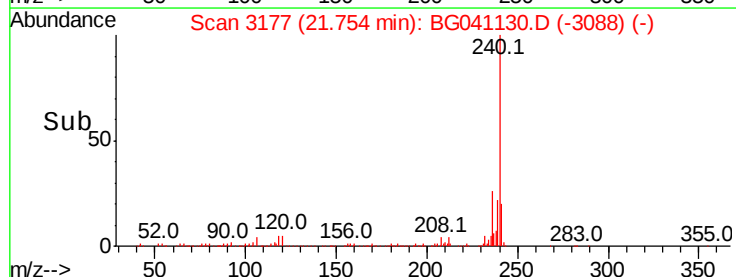
150000

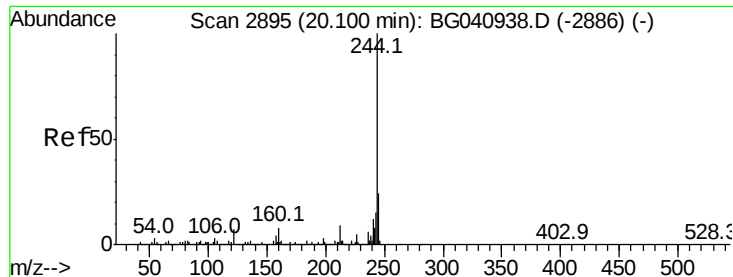
100000

50000

0

Time--> 21.70 21.80





#79

Terphenyl-d14

Concen: 96.060 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

Instrument :

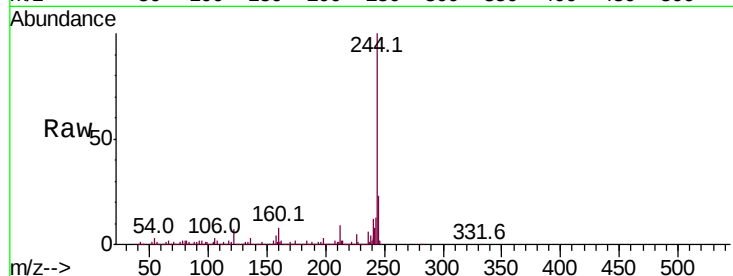
BNA_G

ClientSampleId :

HR-05-060519-A

Tot Ion:244 Resp: 1539632

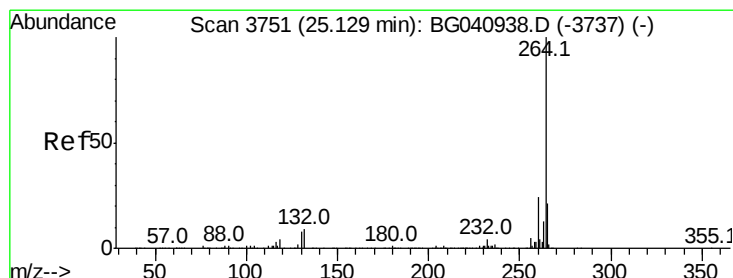
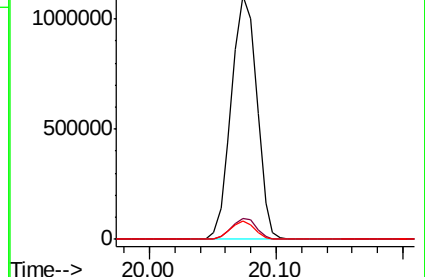
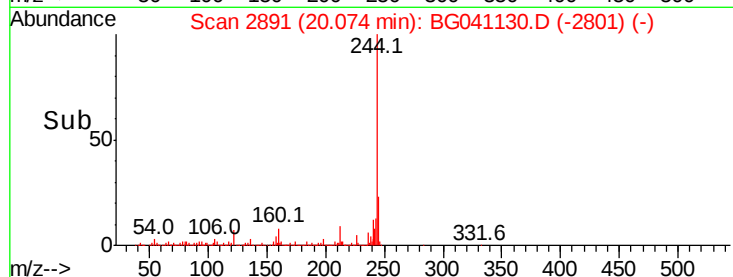
Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	7.5	5.4	8.0



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: 25.07 min Scan# 3742

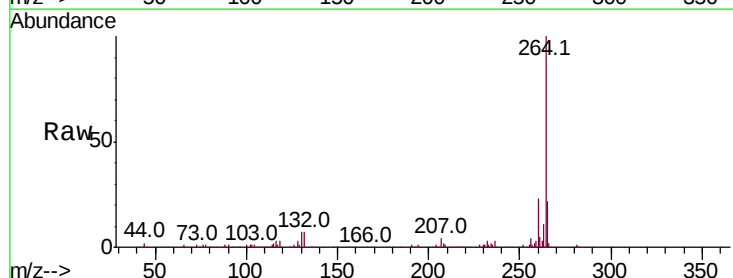
Delta R.T. -0.01 min

Lab File: BG041130.D

Acq: 8 Jun 2019 12:58

Tgt Ion:264 Resp: 351907

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	22.1	17.0	25.4



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

