

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041138.D
 Acq On : 8 Jun 2019 18:03
 Operator : HP/JU
 Sample : K3160-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-060619-B

Quant Time: Jun 10 04:14:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44130	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	178952	20.00	ng	-0.03
39) Acenaphthene-d10	14.73	164	134525	20.00	ng	-0.03
64) Phenanthrene-d10	17.48	188	345999	20.00	ng	-0.03
76) Chrysene-d12	21.75	240	352471	20.00	ng	-0.03
87) Perylene-d12	25.07	264	365303	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	318301	130.06	ng	-0.02
7) Phenol-d6	7.25	99	423325	112.00	ng	-0.02
23) Nitrobenzene-d5	9.28	82	361134	89.59	ng	-0.03
42) 2,4,6-Tribromophenol	16.22	330	237340	118.84	ng	-0.03
45) 2-Fluorobiphenyl	13.36	172	879381	94.14	ng	-0.03
79) Terphenyl-d14	20.07	244	1527913	92.00	ng	-0.03

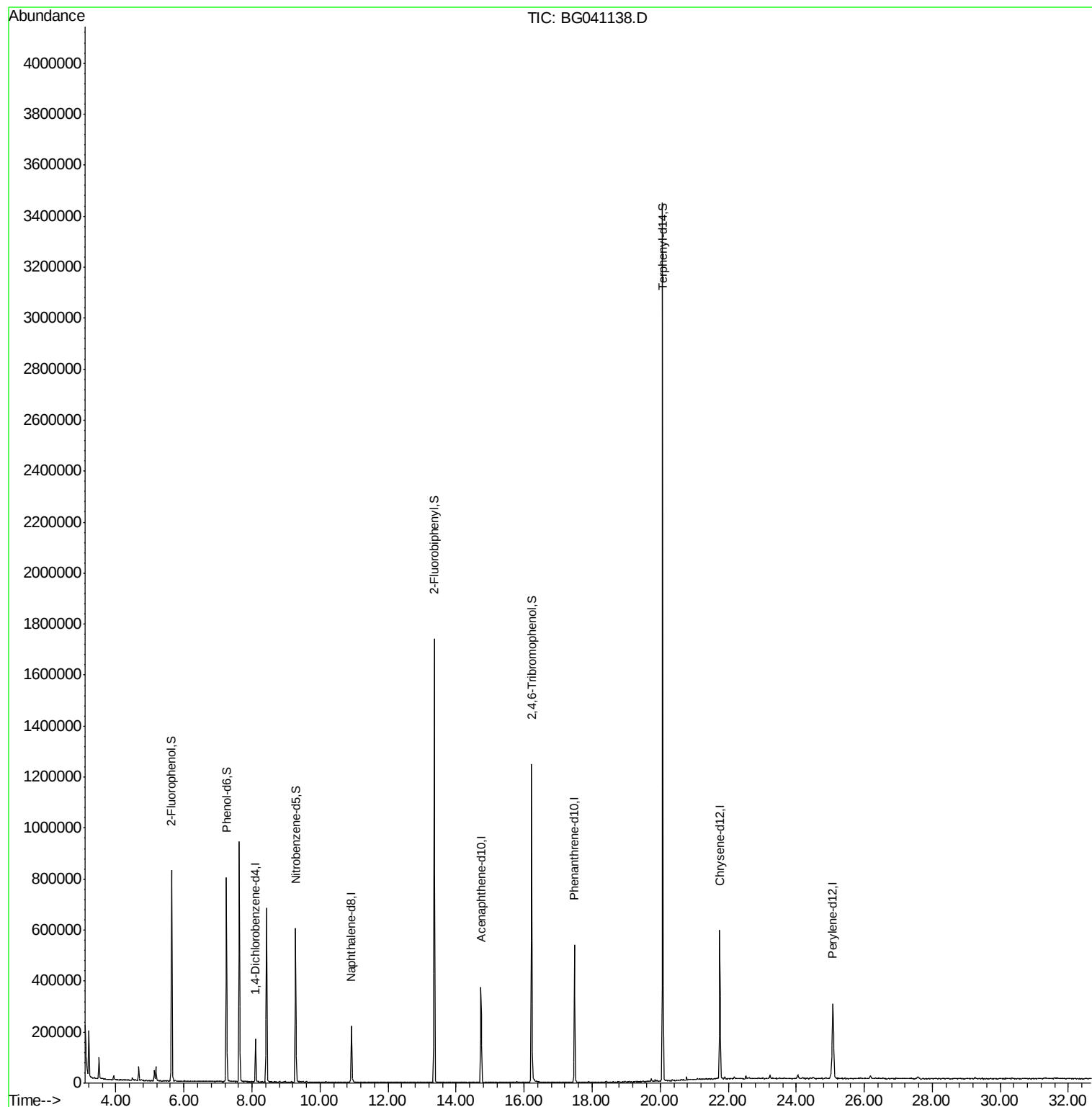
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041138.D
Acq On : 8 Jun 2019 18:03
Operator : HP/JU
Sample : K3160-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-B

Quant Time: Jun 10 04:14:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.03 min

Lab File: BG041138.D

Acq: 8 Jun 2019 18:03

Instrument :

BNA_G

ClientSampleId :

EO-02-060619-B

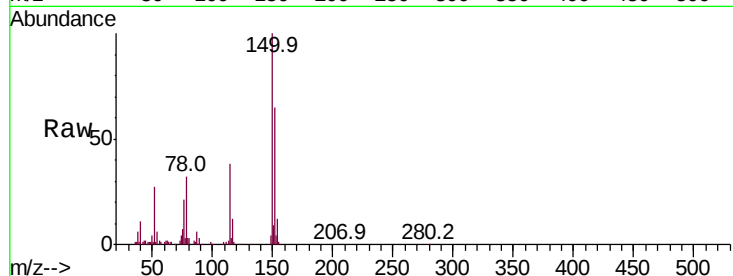
Tot Ion:152 Resp: 44130

Ion Ratio Lower Upper

152 100

150 153.4 120.6 180.8

115 59.0 45.1 67.7



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

50000

40000

30000

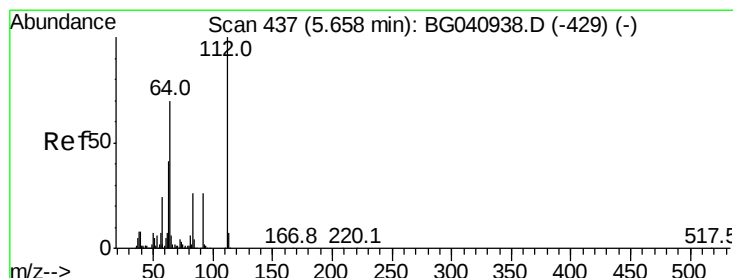
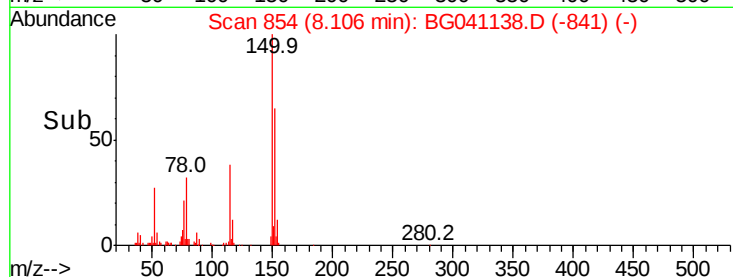
20000

10000

0

8.05 8.10 8.15 8.20

Time-->



#5

2-Fluorophenol

Concen: 130.062 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG041138.D

Acq: 8 Jun 2019 18:03

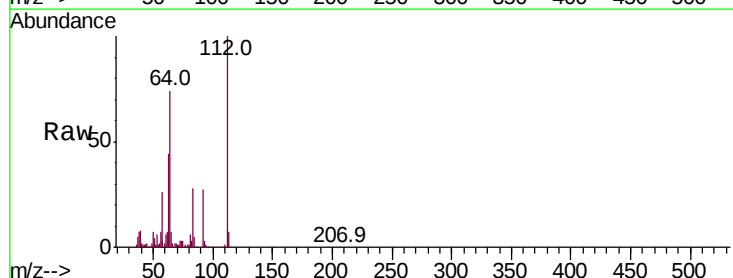
Tgt Ion:112 Resp: 318301

Ion Ratio Lower Upper

112 100

64 74.0 56.2 84.2

63 43.5 32.8 49.2



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

250000

200000

150000

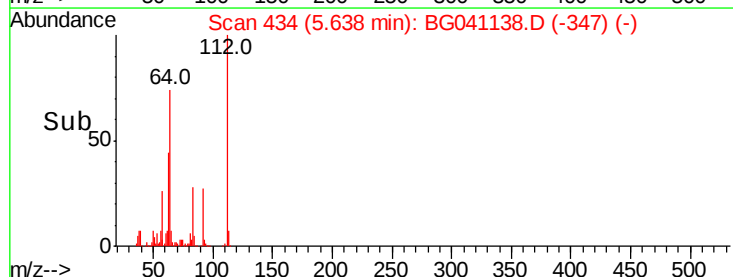
100000

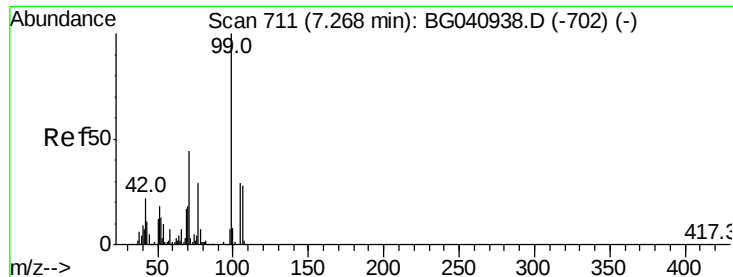
50000

0

5.60 5.64 5.68

Time-->





#7

Phenol-d6

Concen: 112.003 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041138.D

Acq: 8 Jun 2019 18:03

Instrument :

BNA_G

ClientSampleId :

EO-02-060619-B

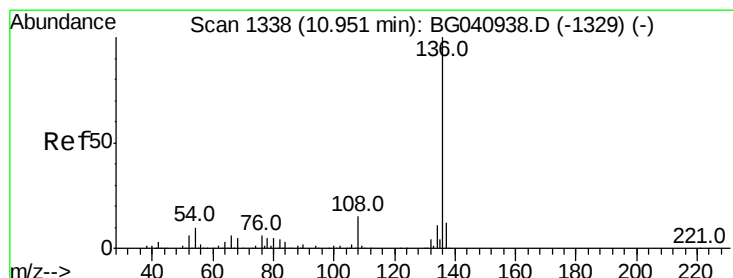
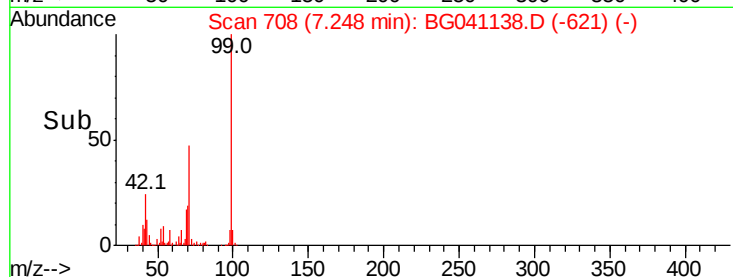
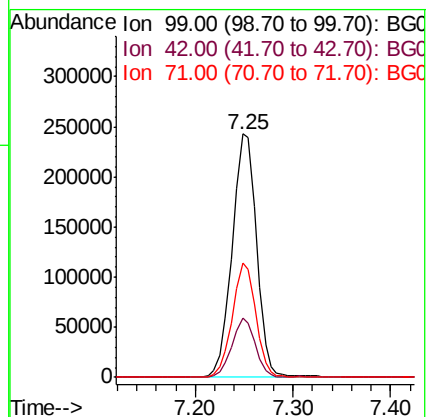
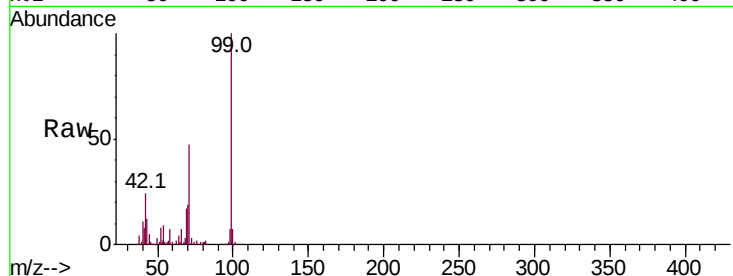
Tot Ion: 99 Resp: 423325

Ion Ratio Lower Upper

99 100

42 24.3 17.9 26.9

71 47.0 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BG041138.D

Acq: 8 Jun 2019 18:03

Tgt Ion: 136 Resp: 178952

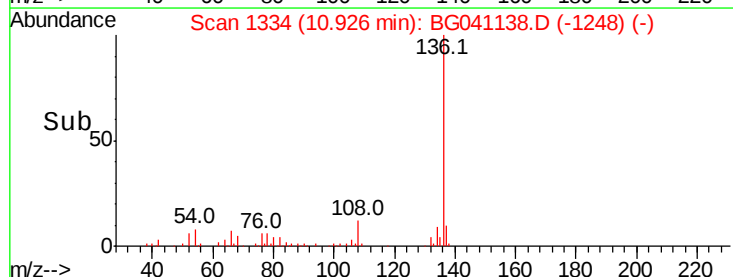
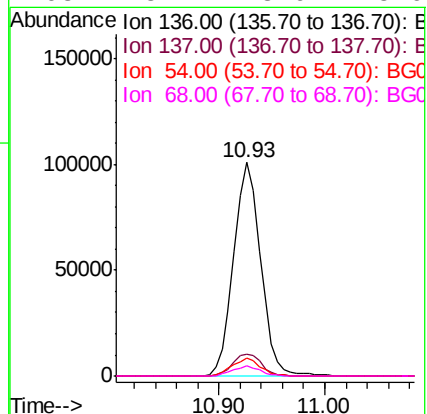
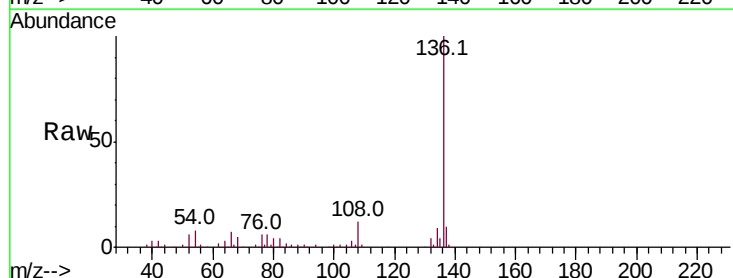
Ion Ratio Lower Upper

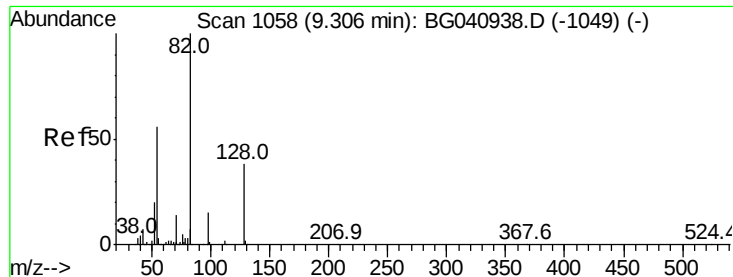
136 100

137 10.0 9.5 14.3

54 8.4 7.6 11.4

68 5.1 3.9 5.9

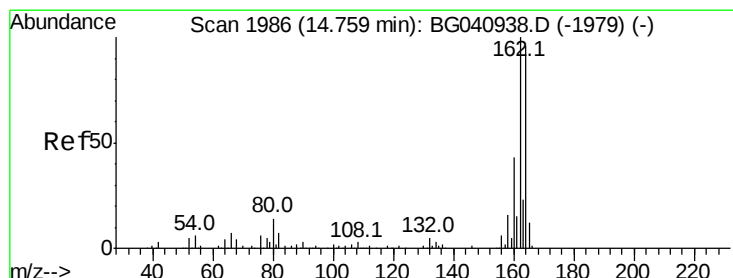
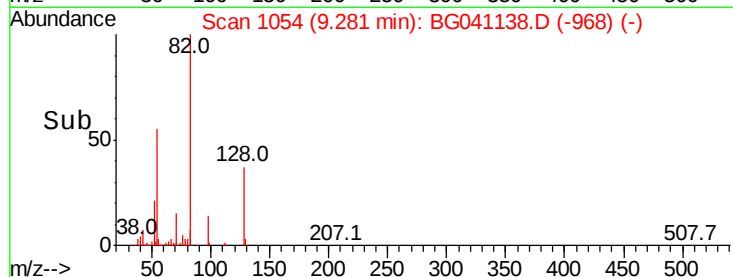
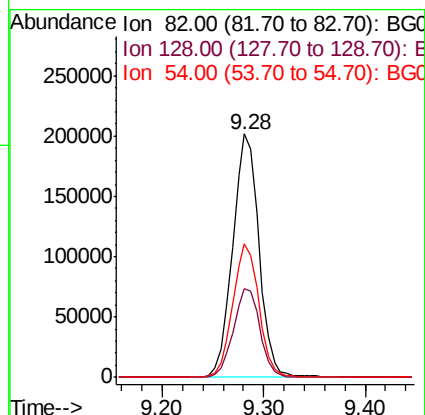
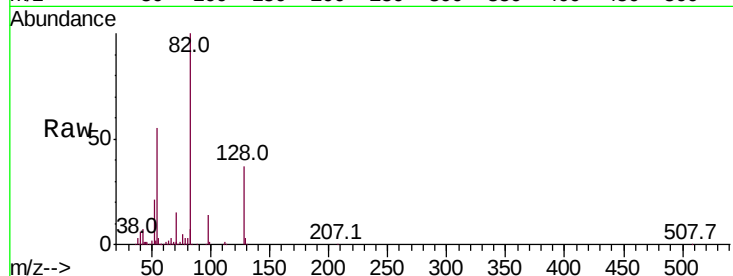




#23
Nitrobenzene-d5
Concen: 89.589 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

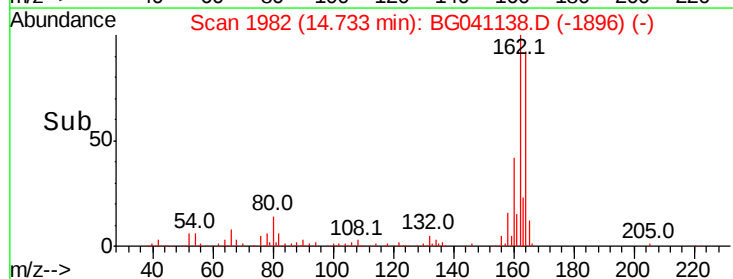
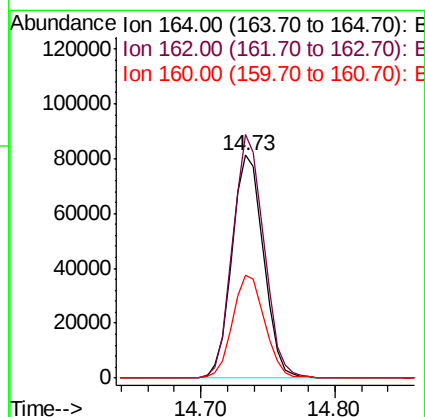
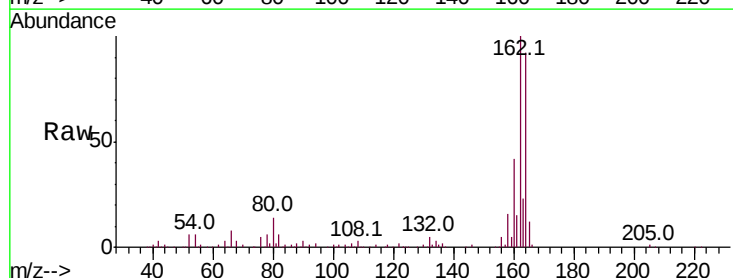
Instrument :
BNA_G
ClientSampleId :
EO-02-060619-B

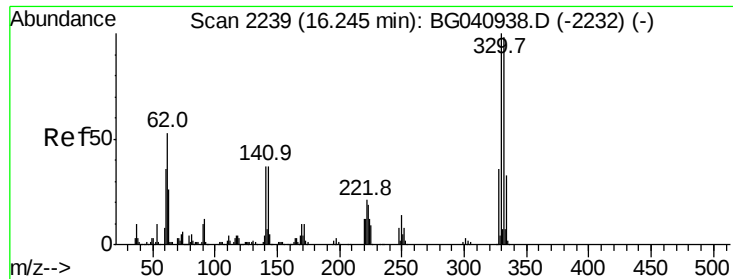
Tot Ion	82	128	54	Ratio	Lower	Upper
82	100					
128	36.6			30.5	45.7	
54	54.9			44.6	66.8	



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Tgt Ion	164	162	160	Ratio	Lower	Upper
164	100					
162	109.2			83.0	124.4	
160	46.3			35.6	53.4	

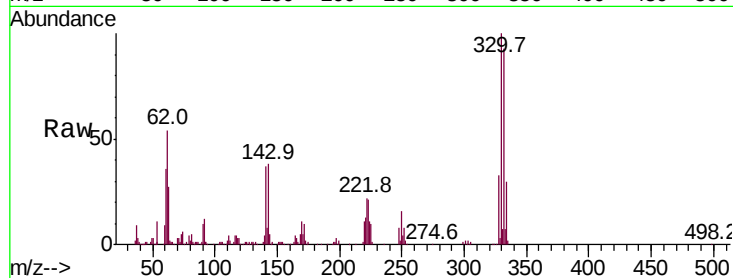




#42
2,4,6-Tribromophenol
Concen: 118.841 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.5	117.7
141	36.4	28.7	43.1

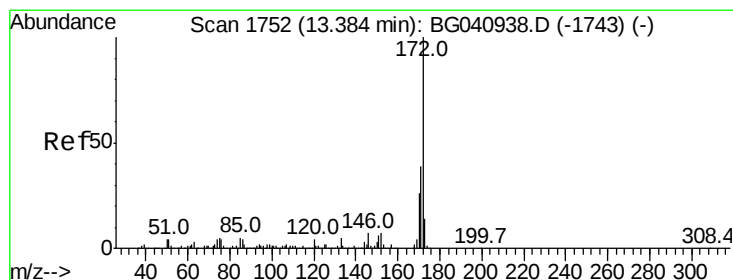
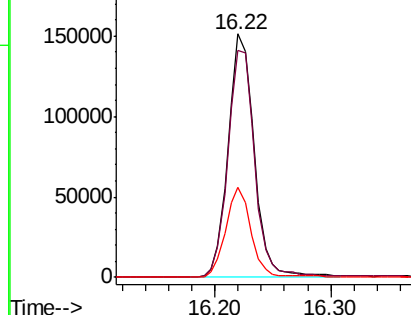
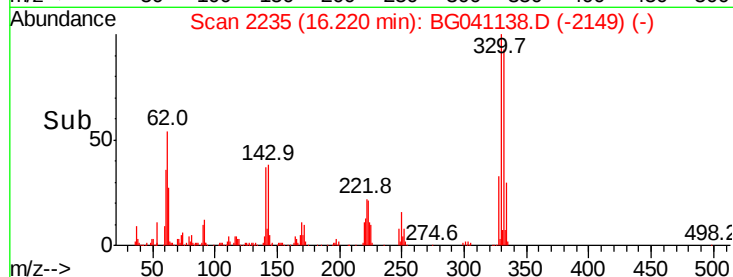


Abundance

Ion 329.80 (329.50 to 330.50): E

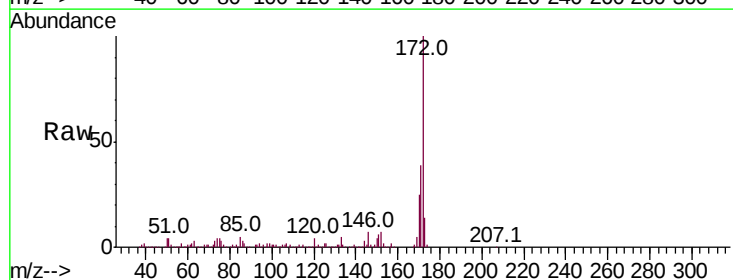
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 94.139 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.1	46.7
170	25.3	20.5	30.7

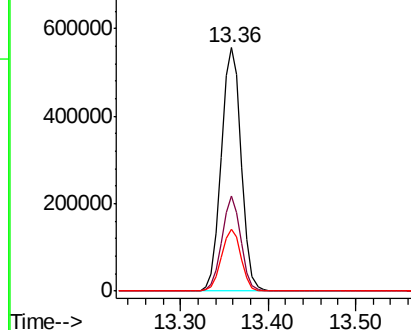
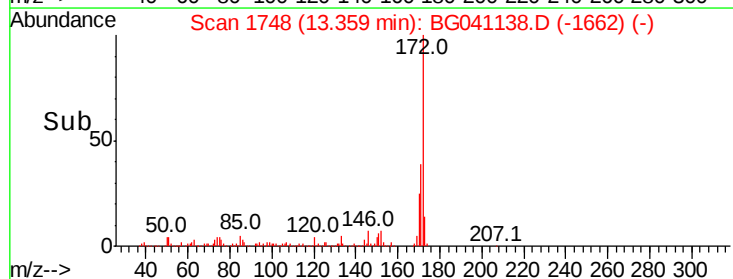


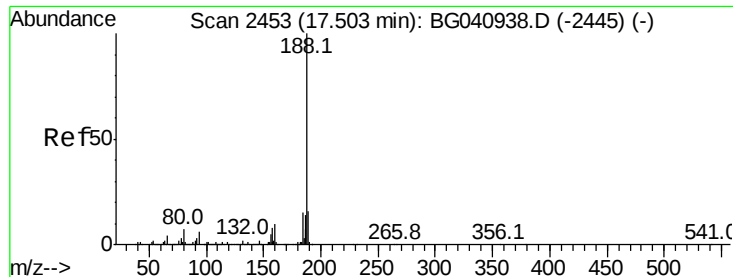
Abundance

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. -0.03 min

Lab File: BG041138.D

Acq: 8 Jun 2019 18:03

Instrument :

BNA_G

ClientSampleId :

EO-02-060619-B

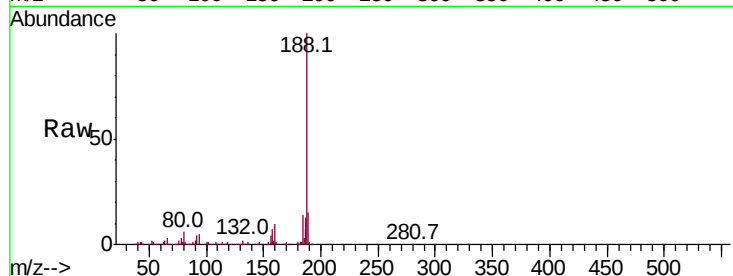
Tot Ion:188 Resp: 345999

Ion Ratio Lower Upper

188 100

94 5.1 4.7 7.1

80 6.5 5.8 8.8

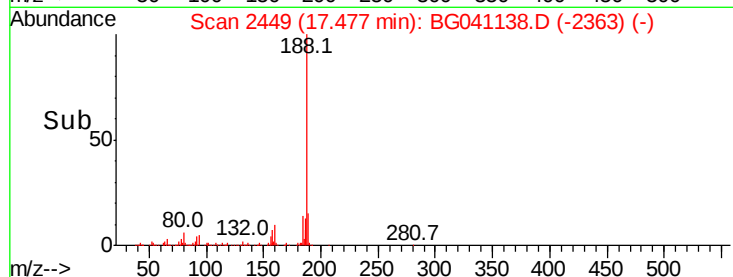


Abundance Ion 188.00 (187.70 to 188.70): E

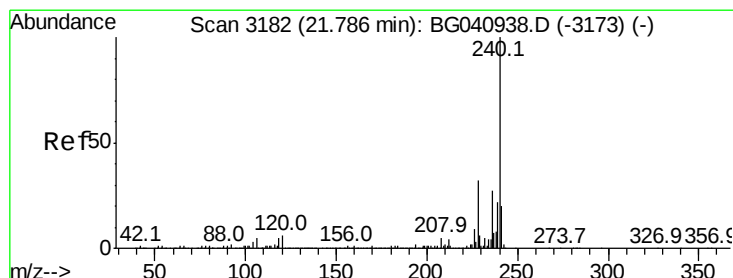
Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

17.48



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.03 min

Lab File: BG041138.D

Acq: 8 Jun 2019 18:03

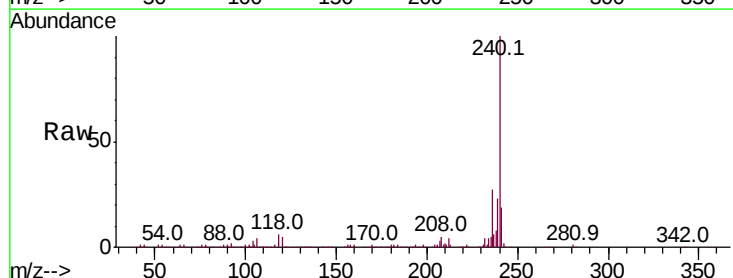
Tgt Ion:240 Resp: 352471

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

236 26.9 21.3 31.9

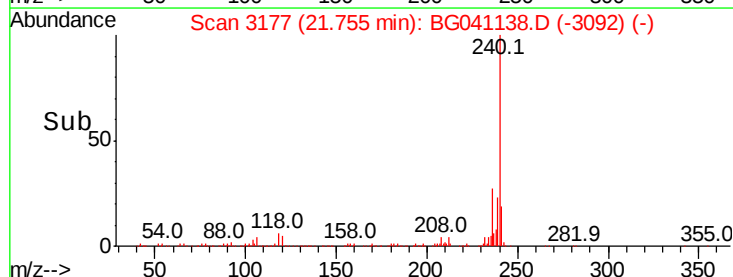


Abundance Ion 240.00 (239.70 to 240.70): E

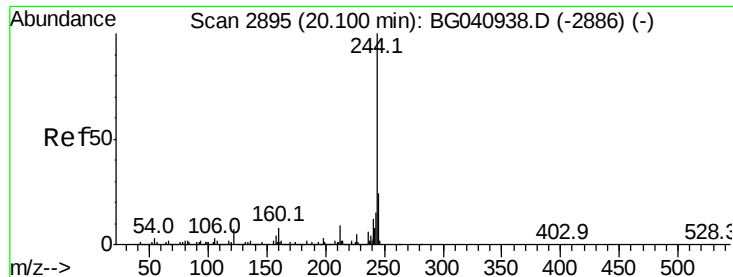
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.75



Time-->



#79

Terphenyl-d14

Concen: 92.001 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.03 min

Lab File: BG041138.D

Acq: 8 Jun 2019 18:03

Instrument :

BNA_G

ClientSampleId :

EO-02-060619-B

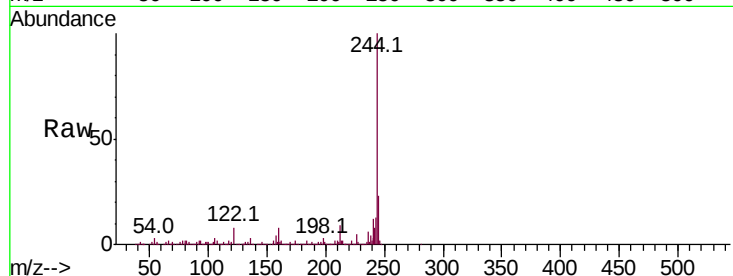
Tot Ion:244 Resp: 1527913

Ion Ratio Lower Upper

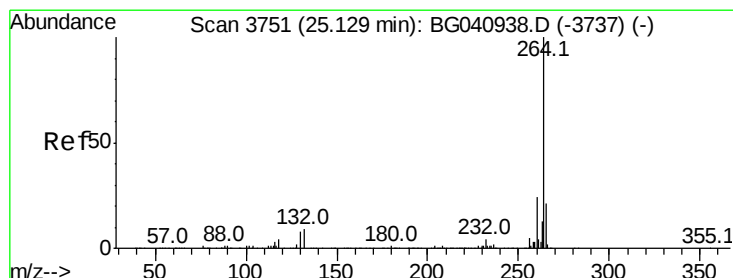
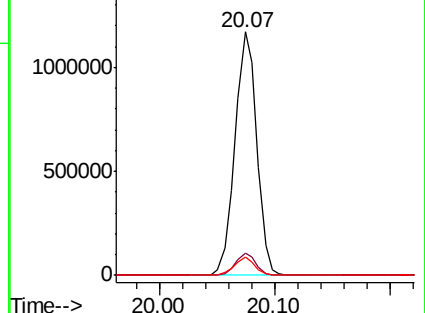
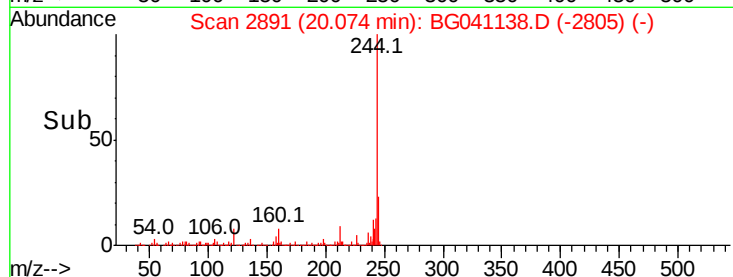
244 100

212 9.1 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. -0.05 min

Lab File: BG041138.D

Acq: 8 Jun 2019 18:03

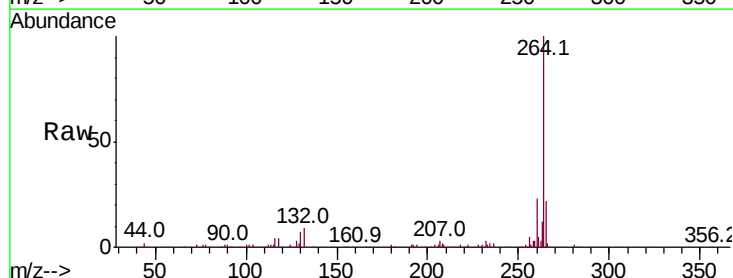
Tgt Ion:264 Resp: 365303

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 22.4 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

