

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041341.D
 Acq On : 20 Jun 2019 1:11
 Operator : HP/JU
 Sample : K3163-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061719-A

Quant Time: Jun 20 03:31:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40786	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	151742	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	102917	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	248113	20.00	ng	0.00
76) Chrysene-d12	21.74	240	228459	20.00	ng	0.00
87) Perylene-d12	25.06	264	221584	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	267648	120.58	ng	0.00
7) Phenol-d6	7.24	99	331477	103.02	ng	0.00
23) Nitrobenzene-d5	9.27	82	322713	89.44	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	218832	138.50	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	732526	96.74	ng	0.00
79) Terphenyl-d14	20.06	244	1141438	99.02	ng	0.00

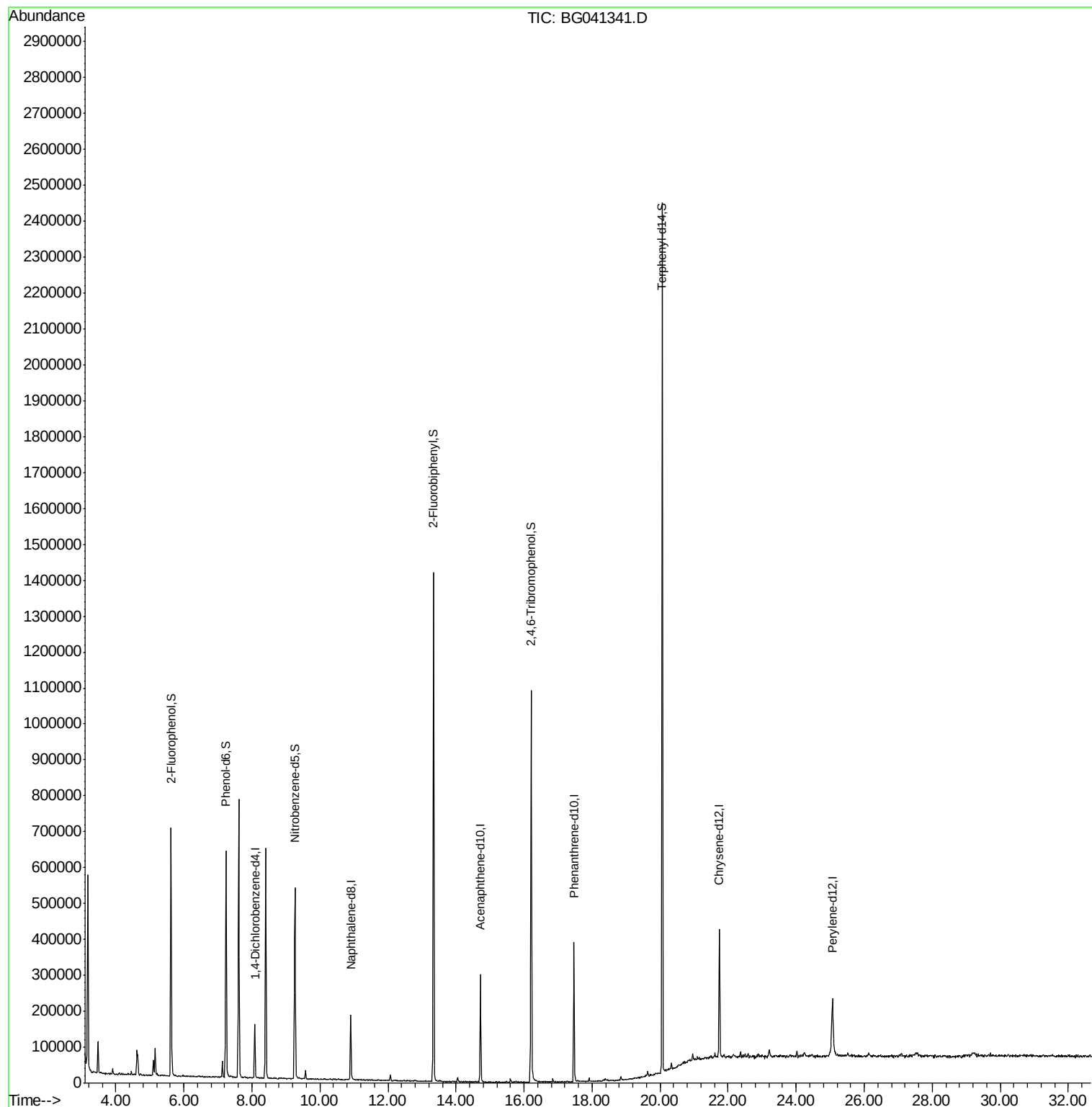
Target Compounds Qvalue

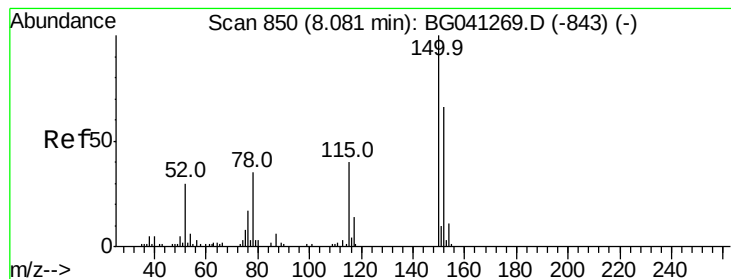
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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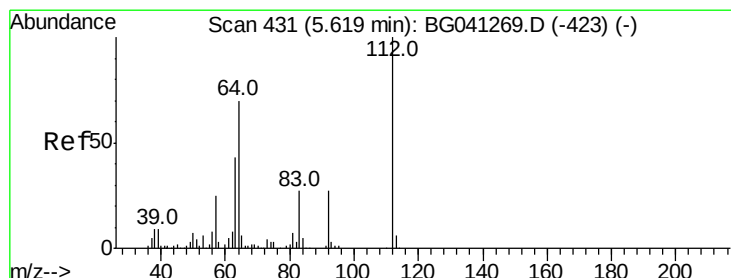
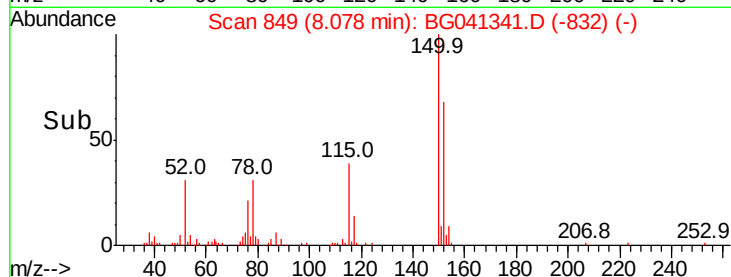
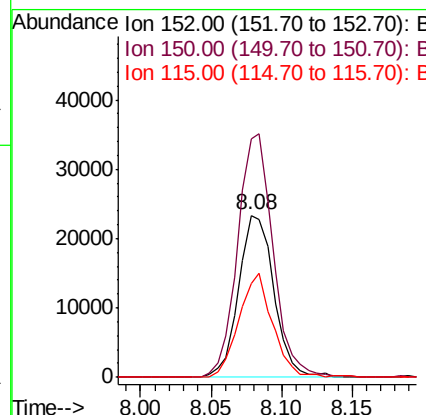
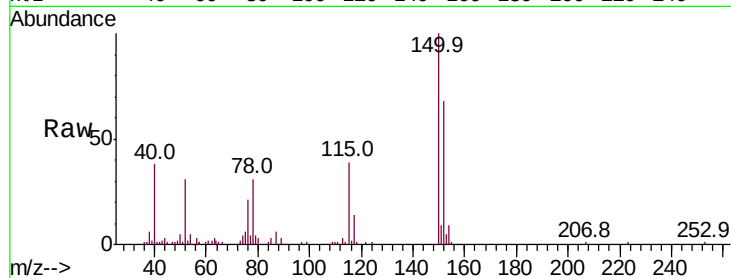


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041341.D
Acq: 20 Jun 2019 1:11

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-A

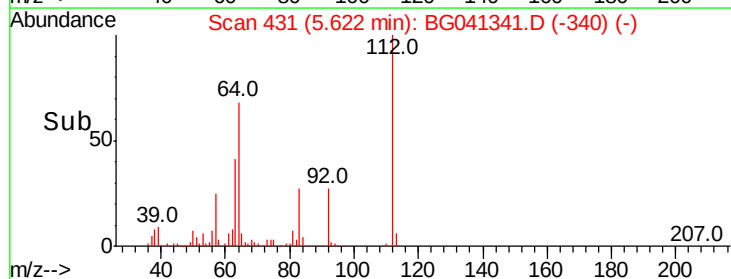
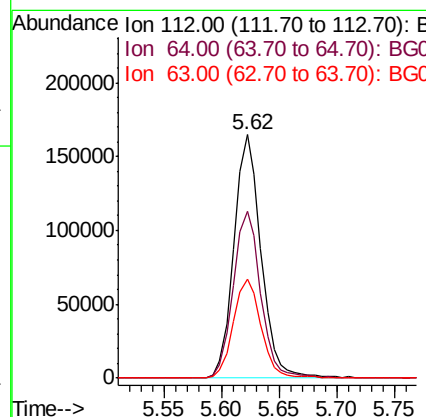
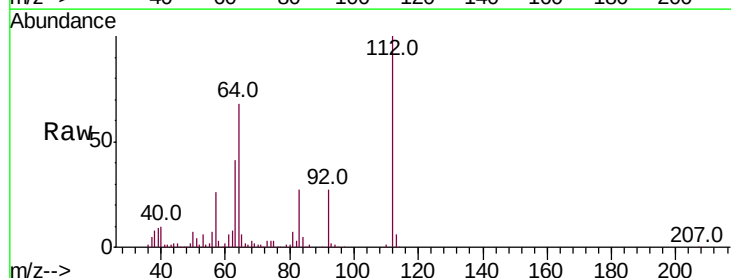
Tot Ion:152 Resp: 40786
Ion Ratio Lower Upper
152 100
150 147.5 120.6 181.0
115 58.1 47.9 71.9

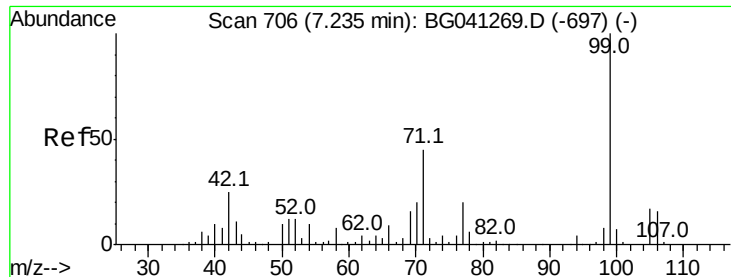


#5

2-Fluorophenol
Concen: 120.576 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041341.D
Acq: 20 Jun 2019 1:11

Tgt Ion:112 Resp: 267648
Ion Ratio Lower Upper
112 100
64 68.3 55.9 83.9
63 40.9 34.6 51.8





#7

Phenol-d6

Concen: 103.022 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041341.D

Acq: 20 Jun 2019 1:11

Instrument :

BNA_G

ClientSampleId :

SU-03-061719-A

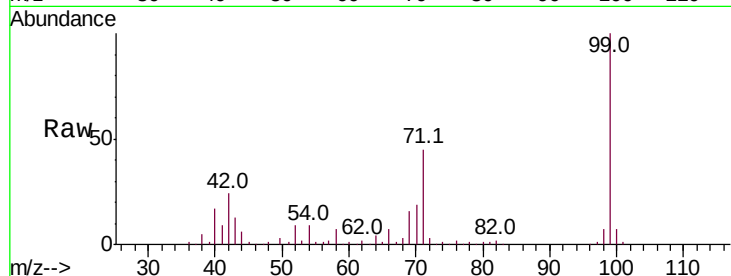
Tot Ion: 99 Resp: 331477

Ion Ratio Lower Upper

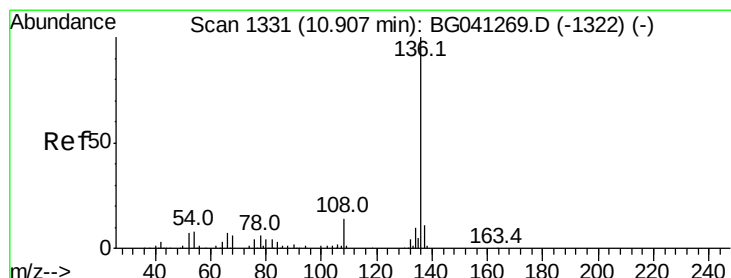
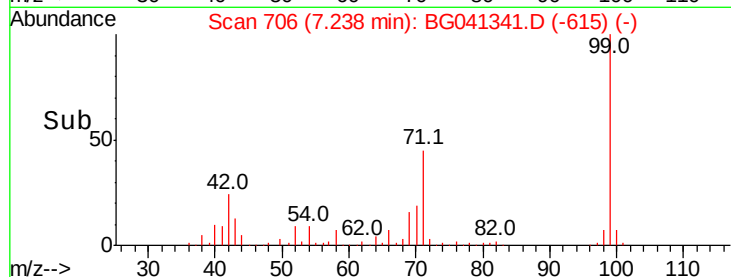
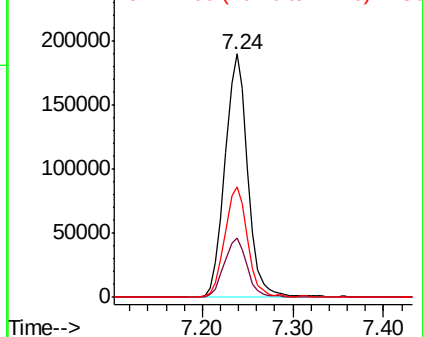
99 100

42 24.4 19.9 29.9

71 45.3 36.4 54.6



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: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041341.D

Acq: 20 Jun 2019 1:11

Tgt Ion: 136 Resp: 151742

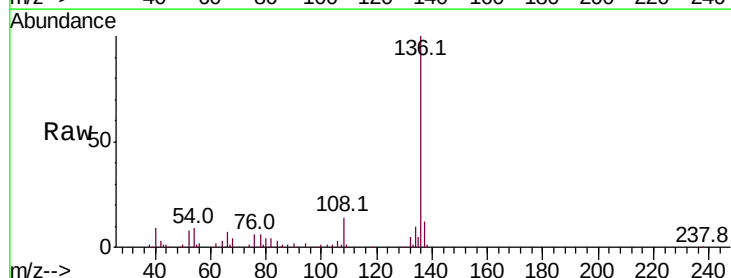
Ion Ratio Lower Upper

136 100

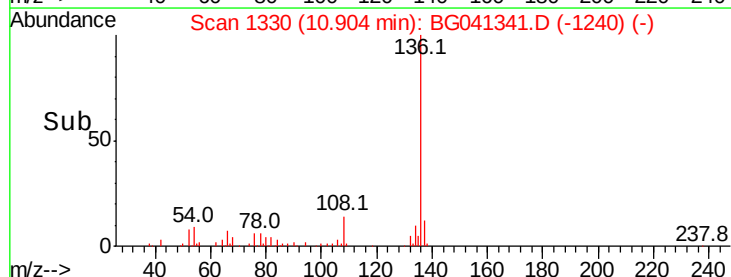
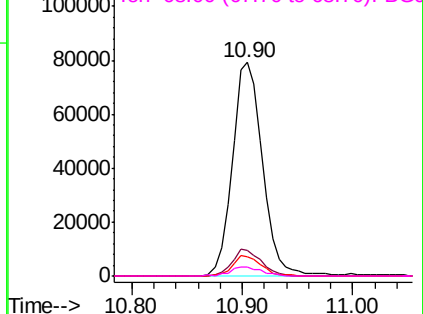
137 11.8 8.8 13.2

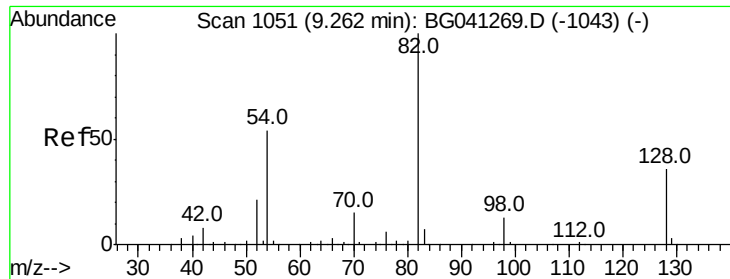
54 8.8 6.4 9.6

68 4.5 4.8 7.2#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

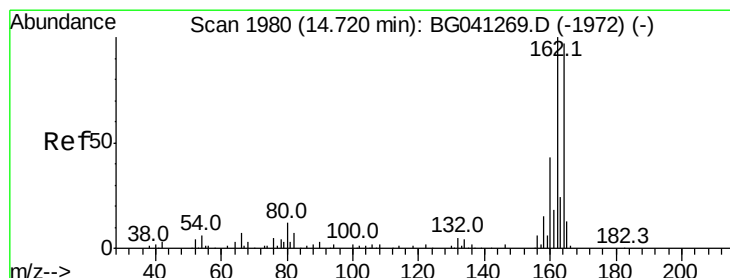
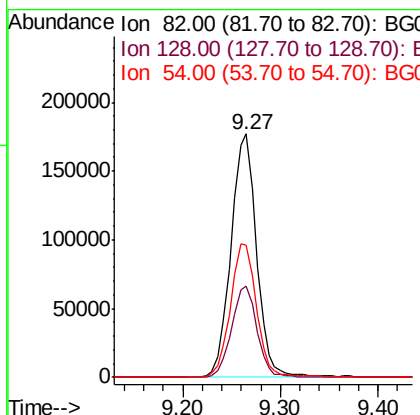
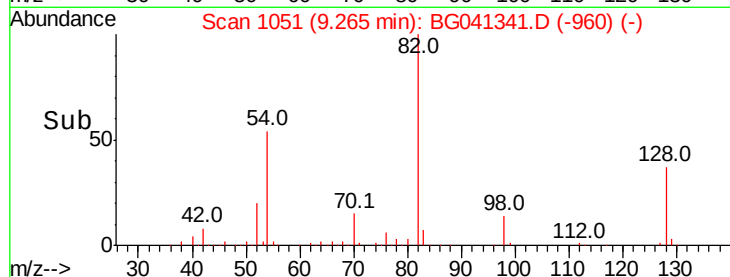
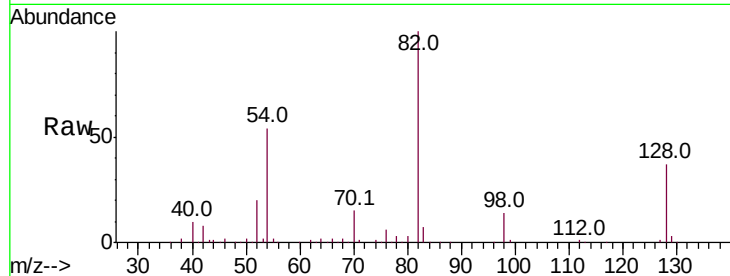




#23
Nitrobenzene-d5
Concen: 89.442 ng
RT: 9.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041341.D
Acq: 20 Jun 2019 1:11

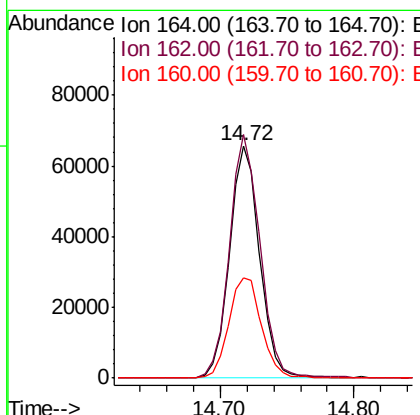
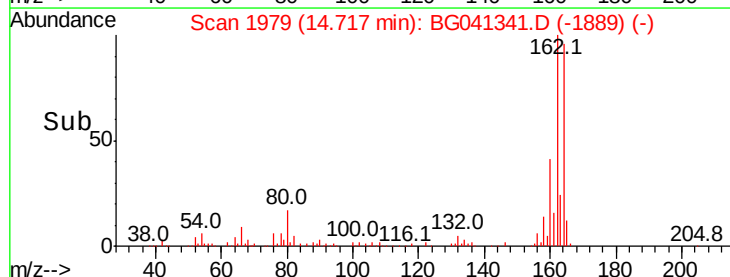
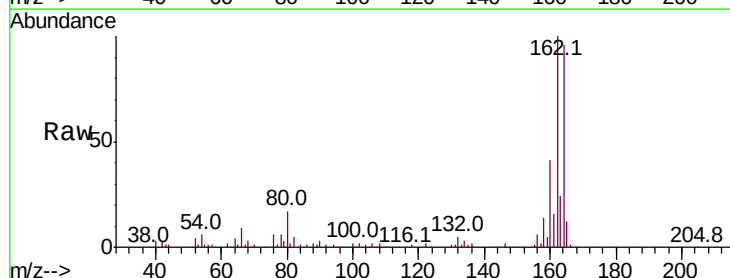
Instrument :
BNA_G
ClientSampleId :
SU-03-061719-A

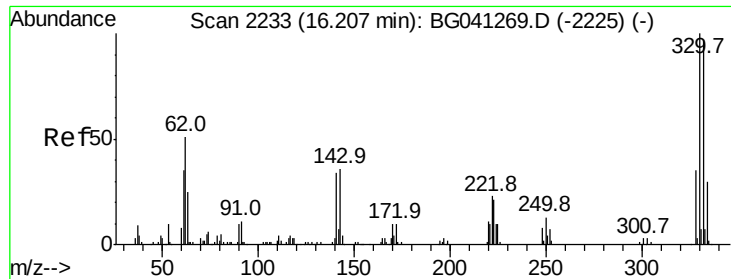
Tot Ion: 82 Resp: 322713
Ion Ratio Lower Upper
82 100
128 37.4 29.2 43.8
54 54.5 43.4 65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041341.D
Acq: 20 Jun 2019 1:11

Tgt Ion:164 Resp: 102917
Ion Ratio Lower Upper
164 100
162 104.6 82.8 124.2
160 43.0 35.8 53.8

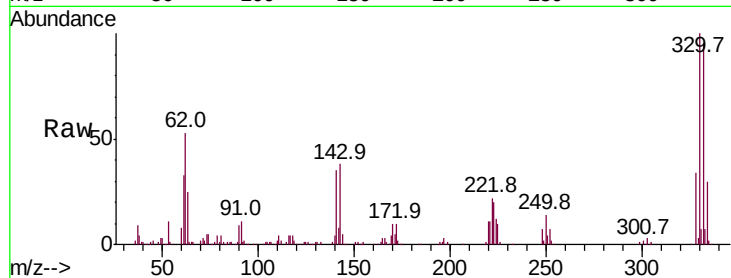




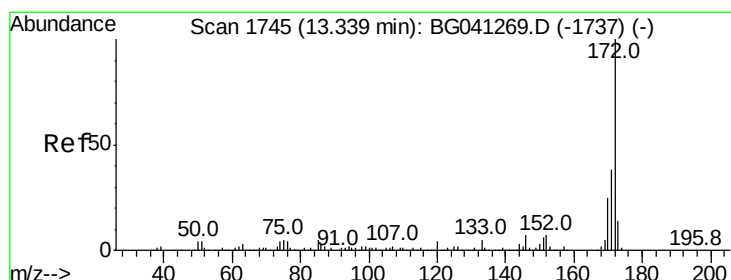
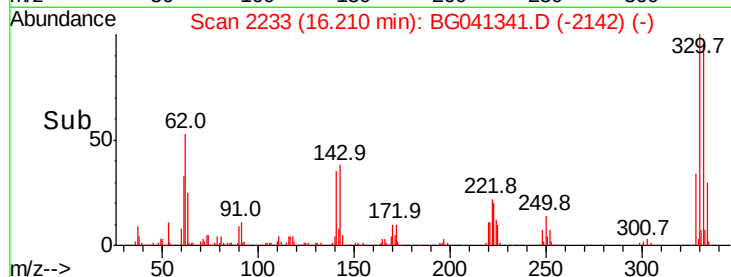
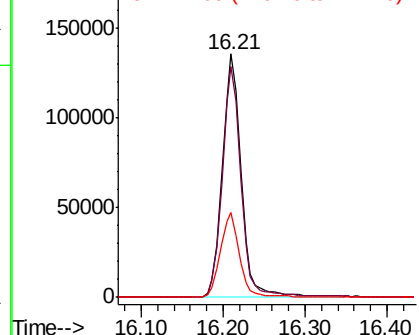
#42
 2,4,6-Tribromophenol
 Concen: 138.501 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041341.D
 Acq: 20 Jun 2019 1:11

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061719-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.5	113.3
141	35.5	29.0	43.4

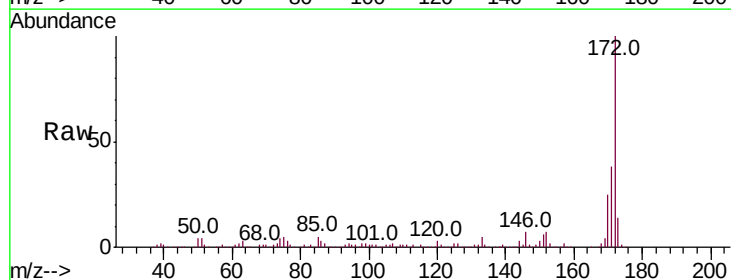


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

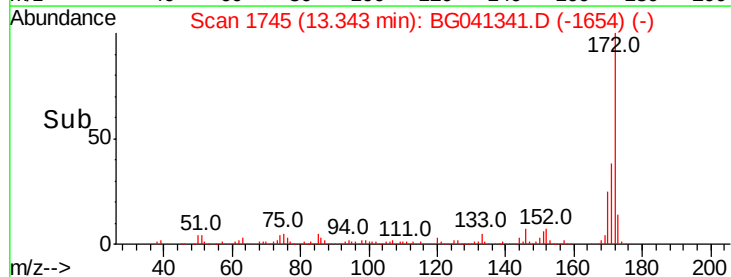
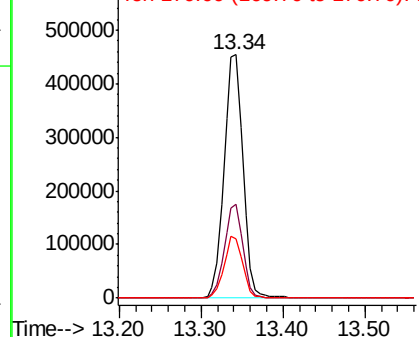


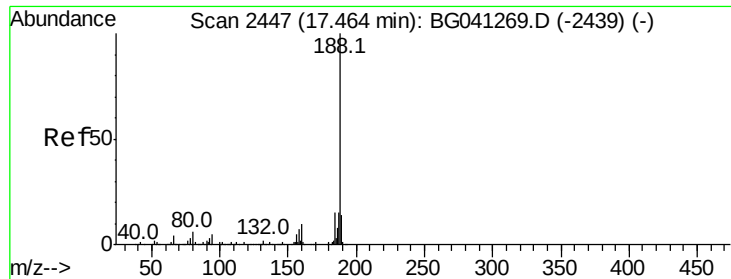
#45
 2-Fluorobiphenyl
 Concen: 96.740 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG041341.D
 Acq: 20 Jun 2019 1:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.6	19.8	29.6



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. 0.00 min

Lab File: BG041341.D

Acq: 20 Jun 2019 1:11

Instrument :

BNA_G

ClientSampleId :

SU-03-061719-A

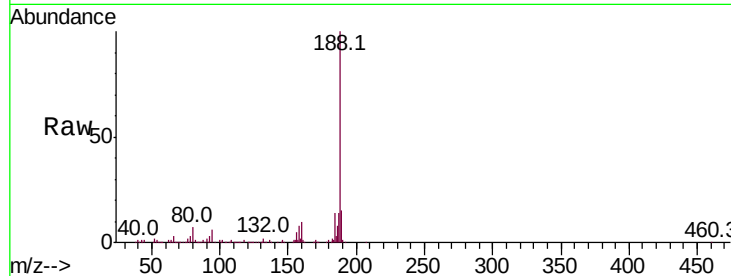
Tot Ion:188 Resp: 248113

Ion Ratio Lower Upper

188 100

94 5.6 3.6 5.4#

80 7.1 4.8 7.2



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

17.47

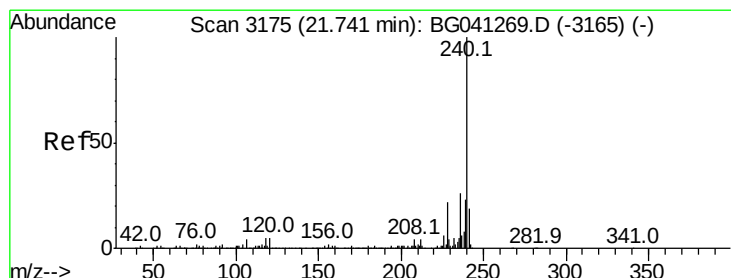
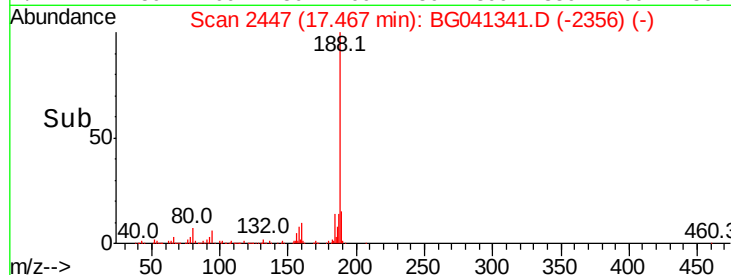
150000

100000

50000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041341.D

Acq: 20 Jun 2019 1:11

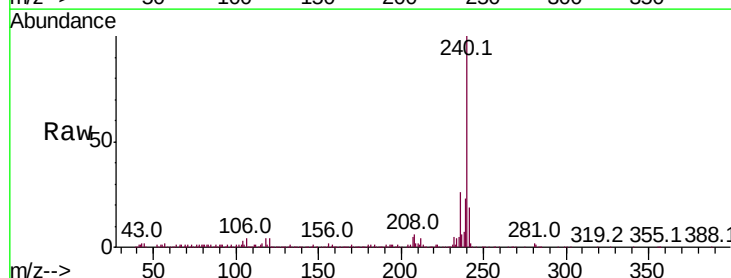
Tgt Ion:240 Resp: 228459

Ion Ratio Lower Upper

240 100

120 4.3 3.7 5.5

236 26.0 21.1 31.7



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

21.74

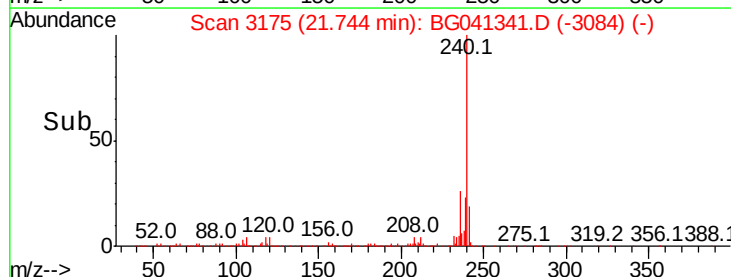
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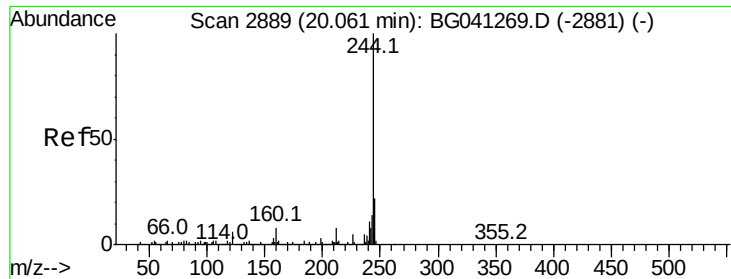
100000

50000

0

Time-->





#79

Terphenyl-d14

Concen: 99.015 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041341.D

Acq: 20 Jun 2019 1:11

Instrument :

BNA_G

ClientSampleId :

SU-03-061719-A

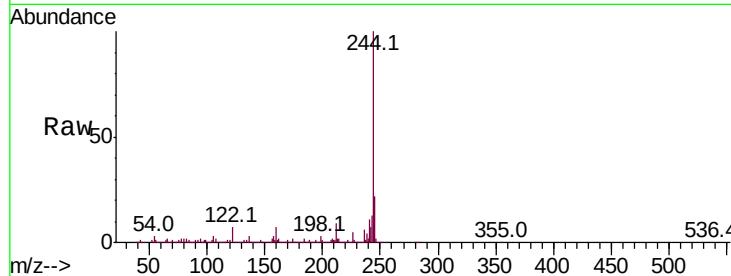
Tot Ion:244 Resp: 1141438

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

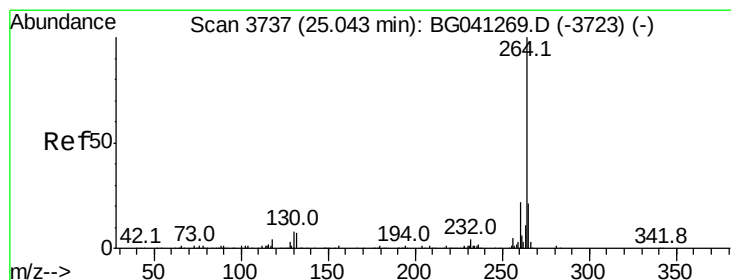
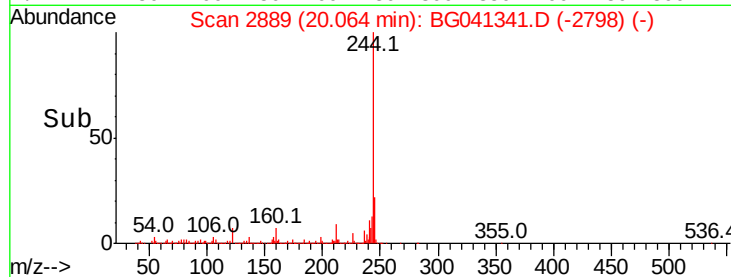
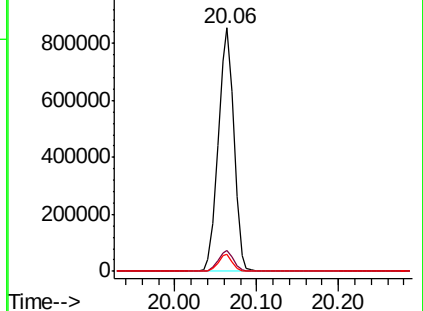
122 6.8 5.0 7.4



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: 25.06 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BG041341.D

Acq: 20 Jun 2019 1:11

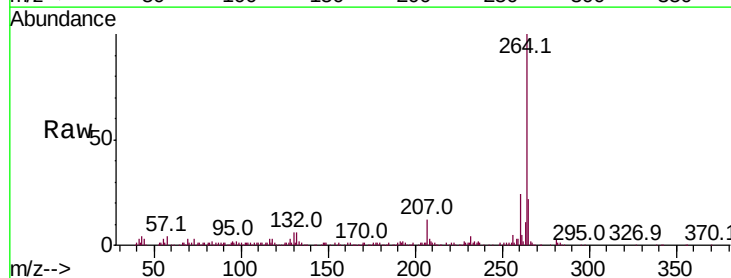
Tgt Ion:264 Resp: 221584

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.2

265 22.4 17.2 25.8



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

