

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041661.D
 Acq On : 16 Jul 2019 10:24
 Operator : HP/JU
 Sample : PB121341TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121341TB

Quant Time: Jul 17 01:49:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	102014	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	448585	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	291313	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	711786	20.00	ng	0.00
76) Chrysene-d12	21.65	240	563169	20.00	ng	-0.01
87) Perylene-d12	24.85	264	632042	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	833796	133.61	ng	0.00
7) Phenol-d6	7.20	99	1155581	137.68	ng	0.00
23) Nitrobenzene-d5	9.21	82	692112	93.83	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	465367	141.75	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1679981	89.30	ng	0.00
79) Terphenyl-d14	20.01	244	2305980	95.69	ng	0.00

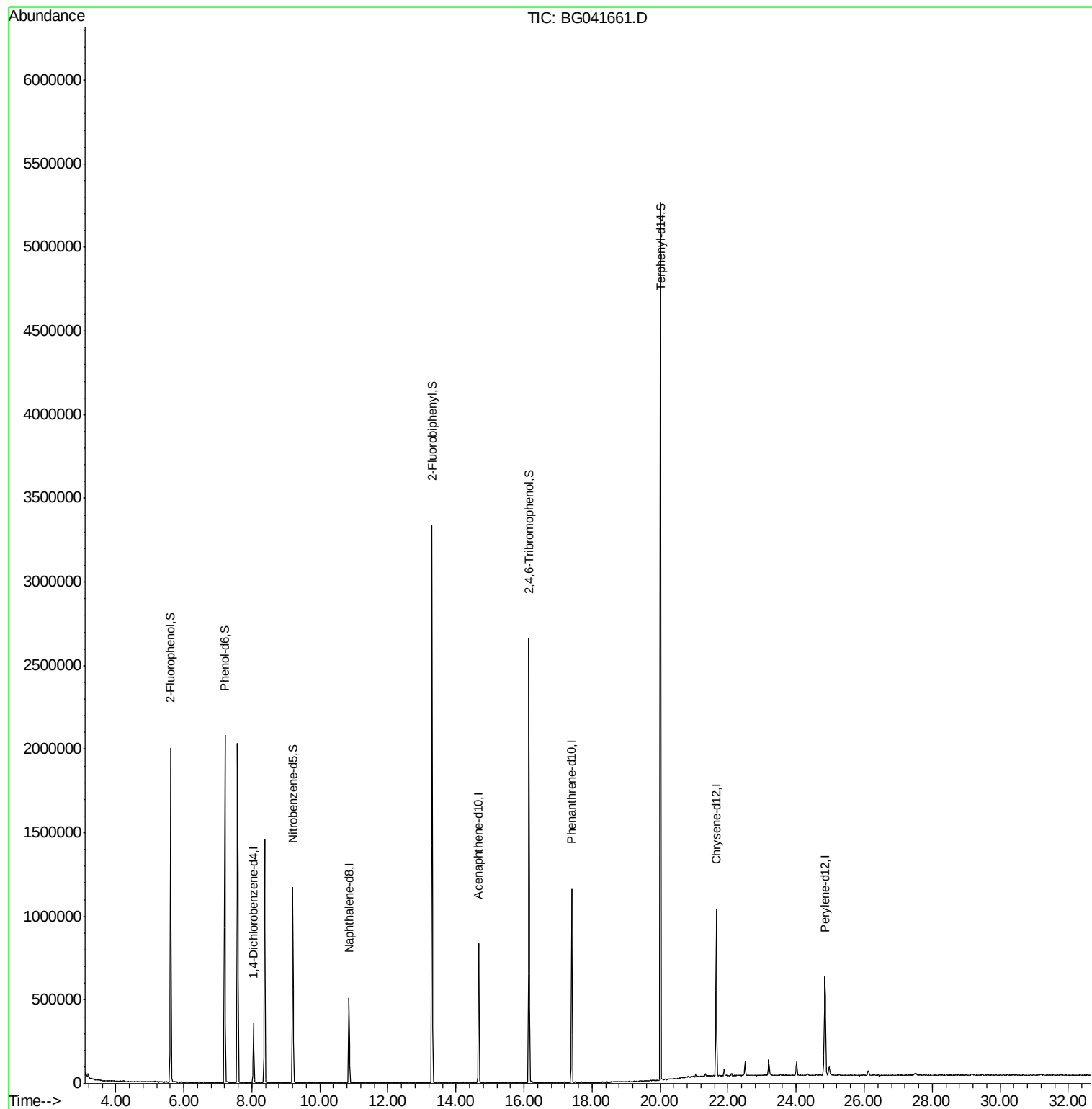
Target Compounds Qvalue

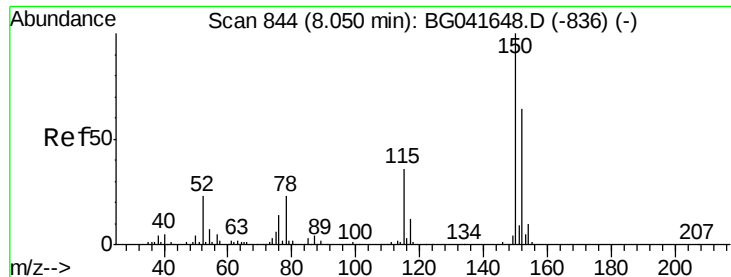
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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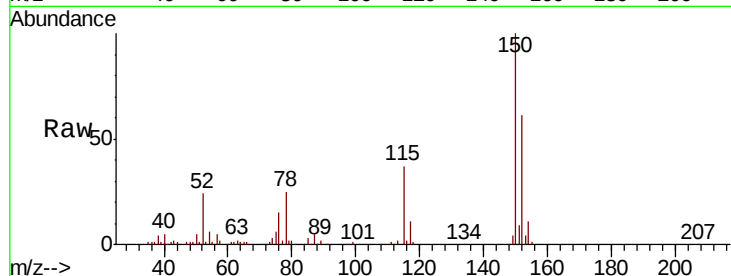


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041661.D
Acq: 16 Jul 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB121341TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	126.9	190.3
115	61.1	45.0	67.6

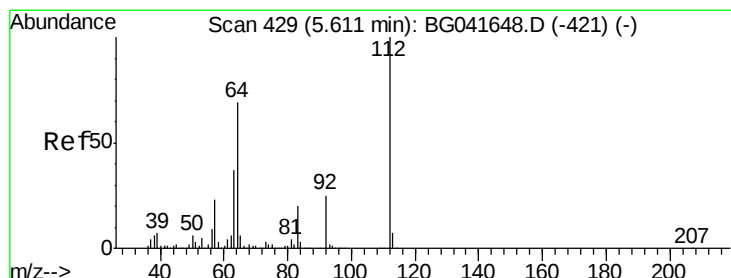
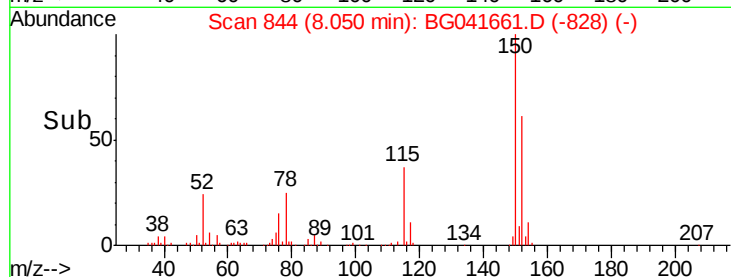
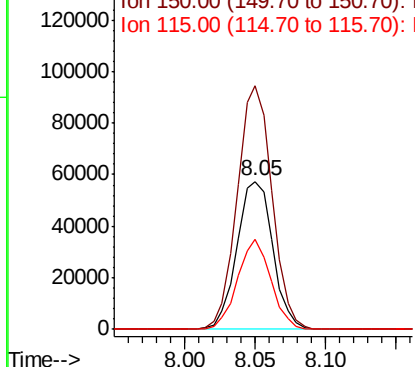


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

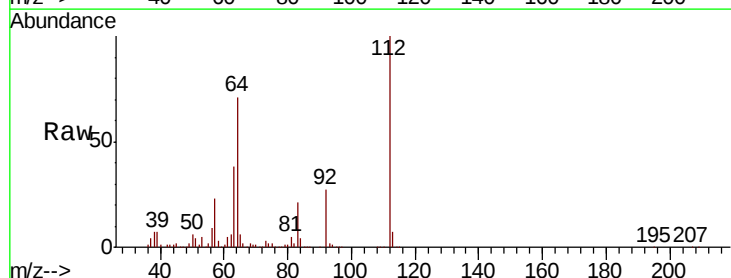
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.614 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041661.D
Acq: 16 Jul 2019 10:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	55.4	83.2
63	37.8	29.1	43.7

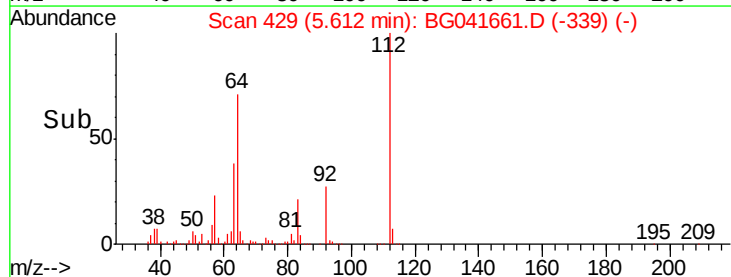
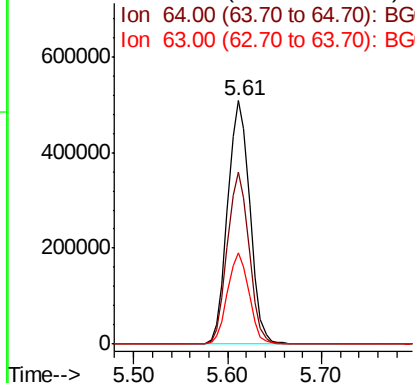


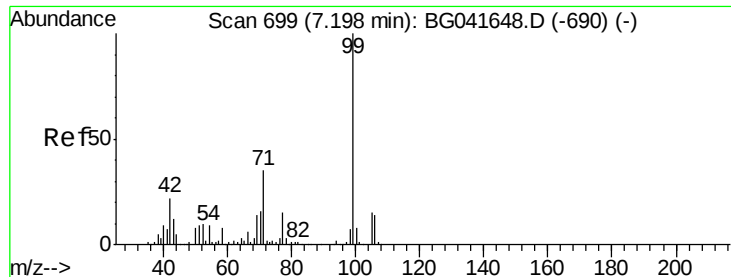
Abundance

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: 137.675 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041661.D

Acq: 16 Jul 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB121341TB

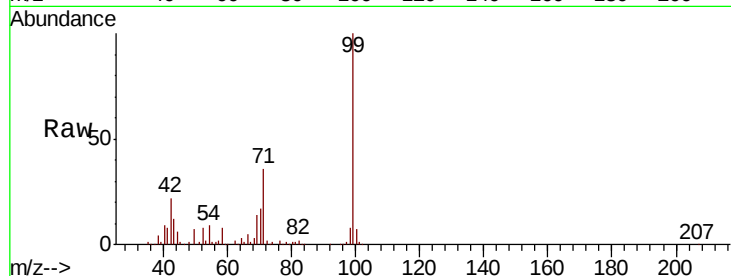
Tot Ion: 99 Resp: 1155581

Ion Ratio Lower Upper

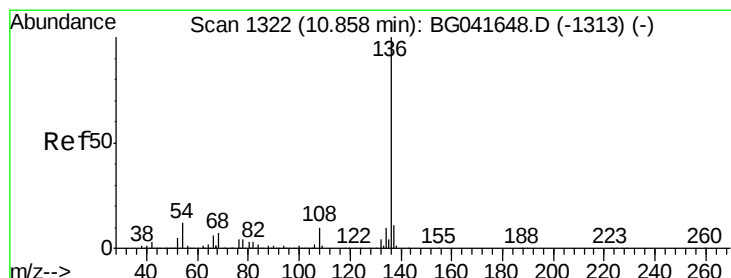
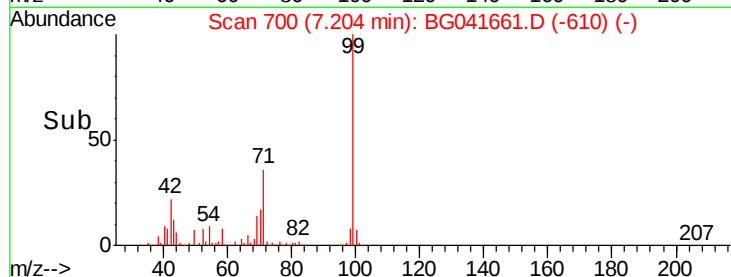
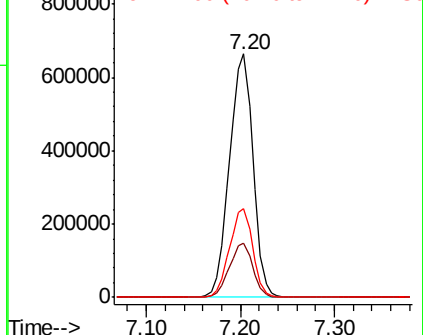
99 100

42 22.3 17.6 26.4

71 36.3 27.8 41.6



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: 10.85 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG041661.D

Acq: 16 Jul 2019 10:24

Tgt Ion: 136 Resp: 448585

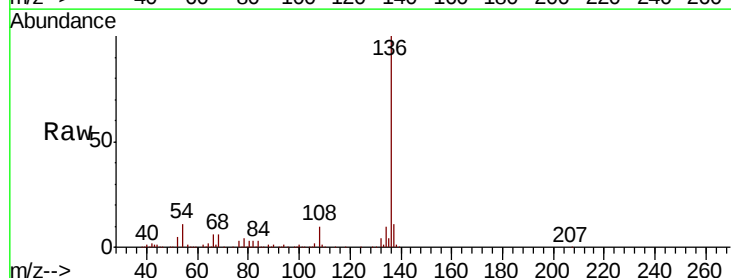
Ion Ratio Lower Upper

136 100

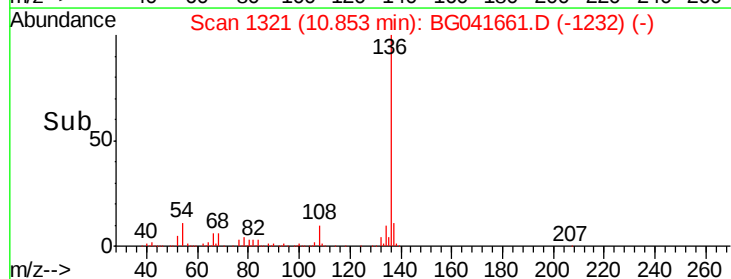
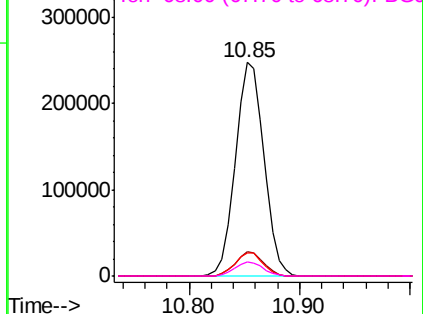
137 11.3 9.2 13.8

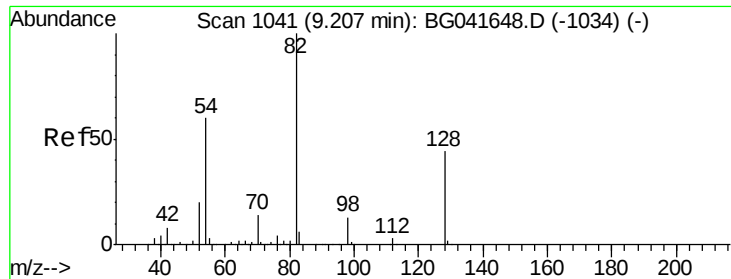
54 10.8 8.7 13.1

68 6.4 5.5 8.3



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

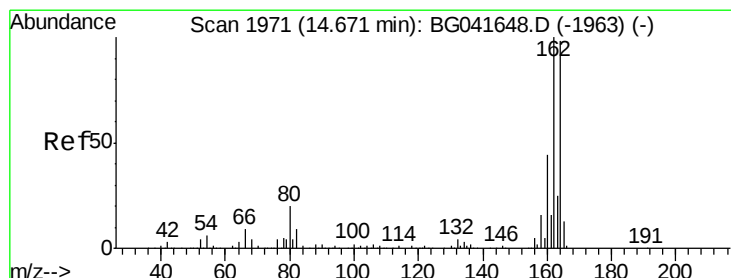
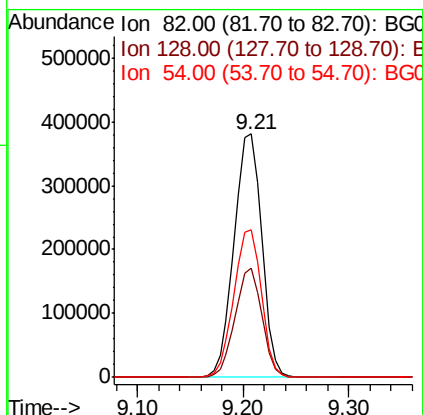
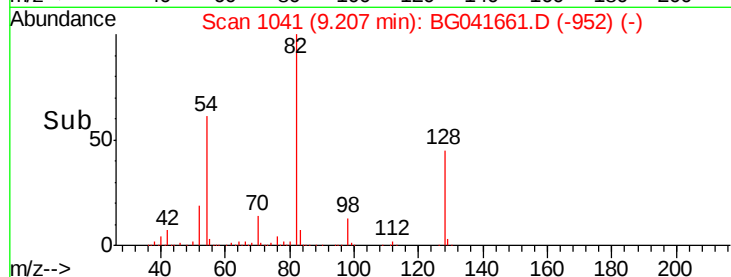
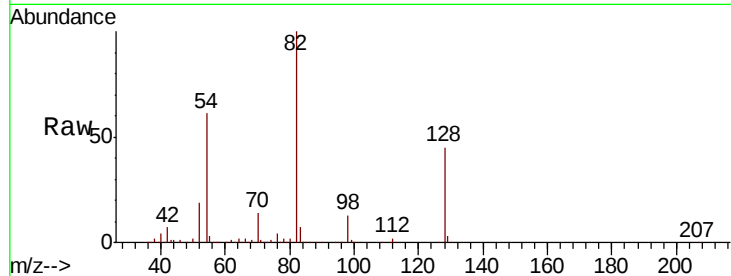




#23
Nitrobenzene-d5
Concen: 93.830 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041661.D
Acq: 16 Jul 2019 10:24

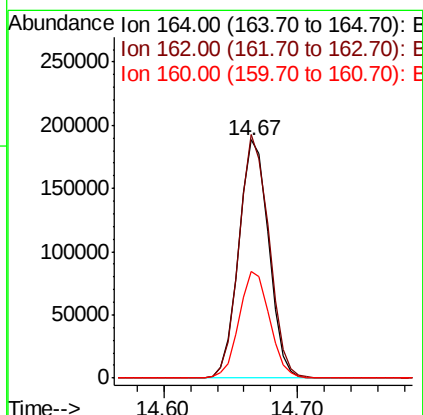
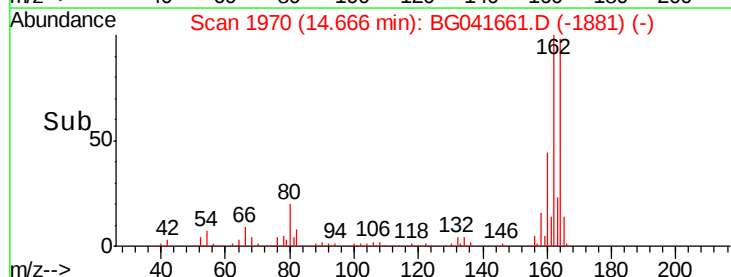
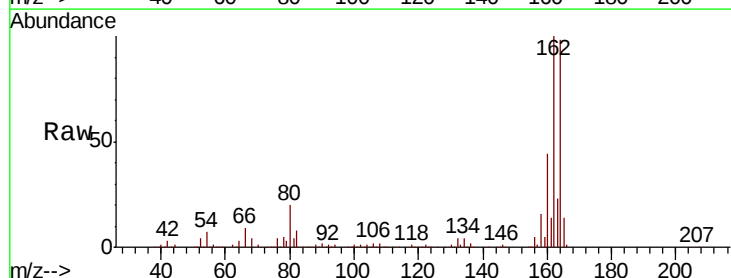
Instrument :
BNA_G
ClientSampleId :
PB121341TB

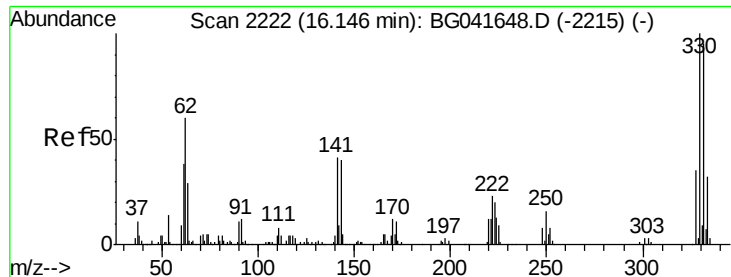
Tot Ion: 82 Resp: 692112
Ion Ratio Lower Upper
82 100
128 44.8 35.1 52.7
54 60.7 48.7 73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041661.D
Acq: 16 Jul 2019 10:24

Tgt Ion: 164 Resp: 291313
Ion Ratio Lower Upper
164 100
162 102.2 79.6 119.4
160 44.8 35.4 53.0

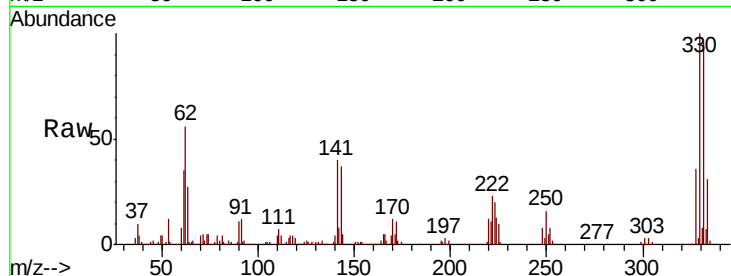




#42
 2,4,6-Tribromophenol
 Concen: 141.748 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG041661.D
 Acq: 16 Jul 2019 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB121341TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.0
141	39.4	31.9	47.9

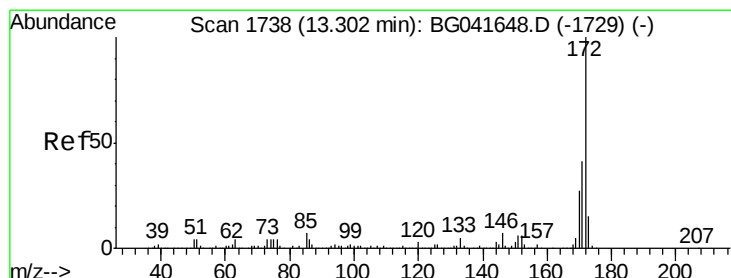
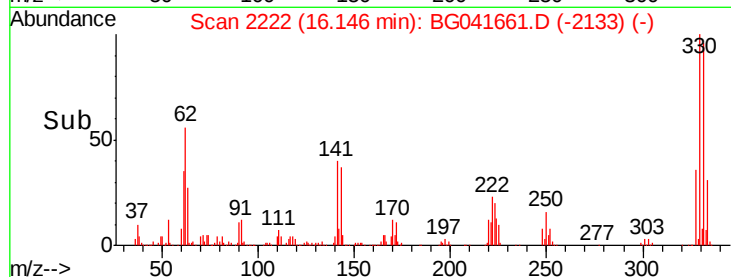
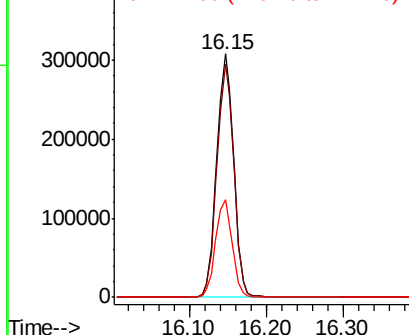


Abundance

Ion 329.80 (329.50 to 330.50): E

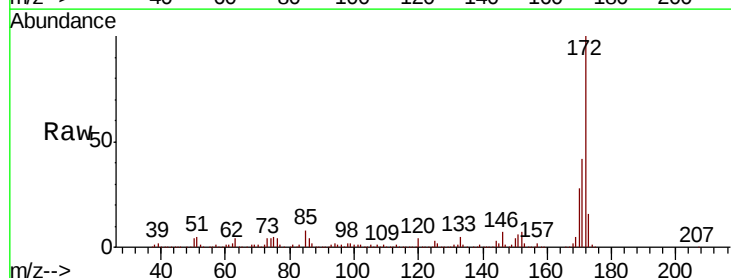
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.301 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041661.D
 Acq: 16 Jul 2019 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.7	35.0	52.4
170	28.0	23.5	35.3

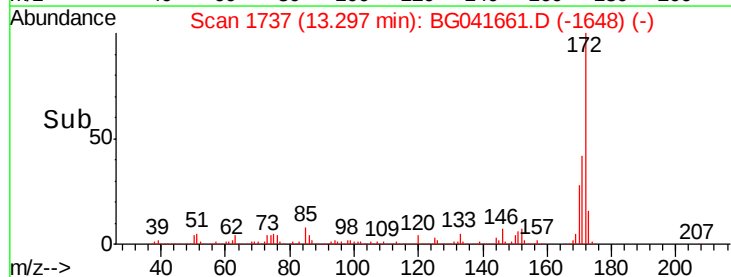
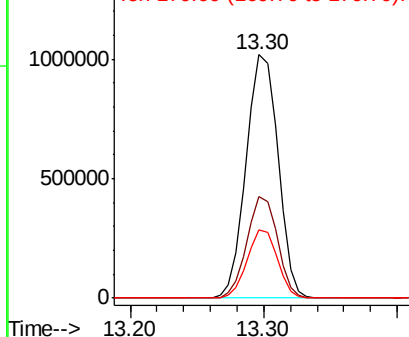


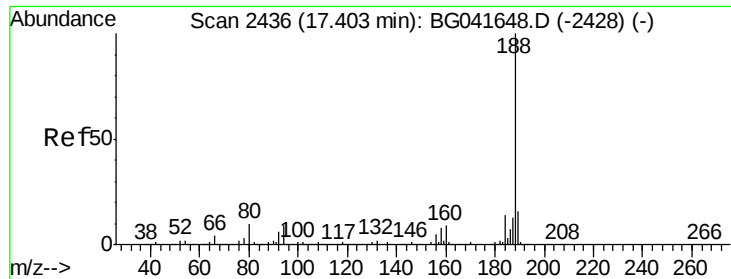
Abundance

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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG041661.D

Acq: 16 Jul 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB121341TB

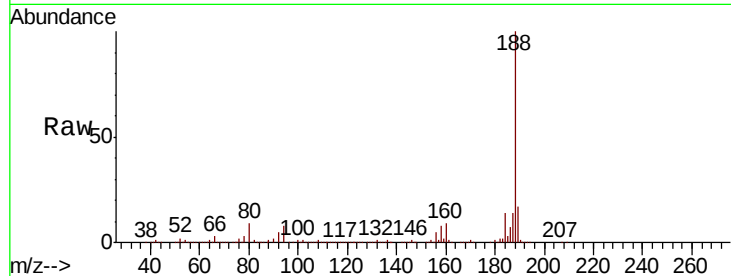
Tot Ion:188 Resp: 711786

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

80 9.2 8.0 12.0



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

600000

500000

400000

300000

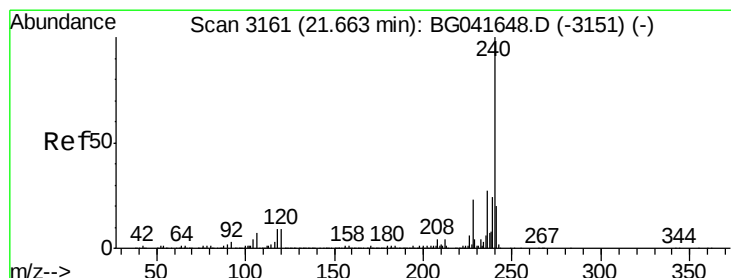
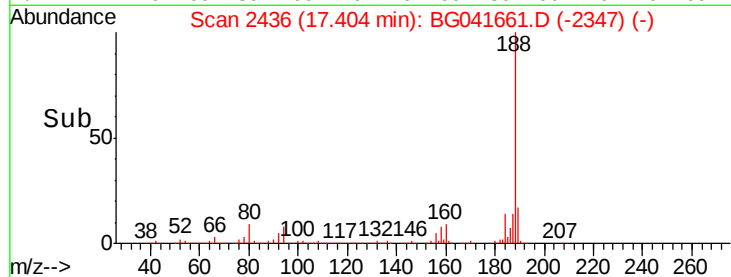
200000

100000

0

17.35 17.40 17.45

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041661.D

Acq: 16 Jul 2019 10:24

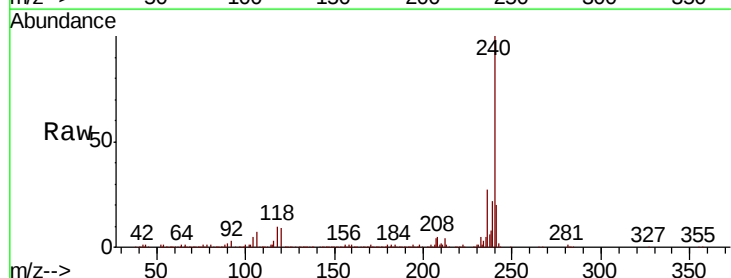
Tgt Ion:240 Resp: 563169

Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

236 27.1 22.6 33.8



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

400000

300000

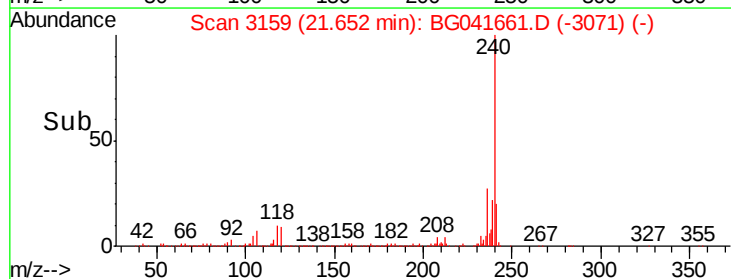
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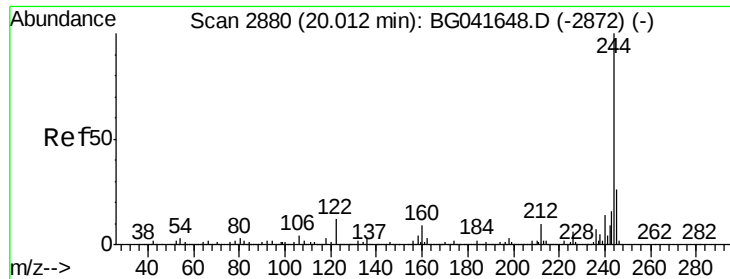
100000

0

21.60 21.70 21.80

Time-->





#79

Terphenyl-d14

Concen: 95.687 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG041661.D

Acq: 16 Jul 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB121341TB

Tot Ion:244 Resp: 2305980

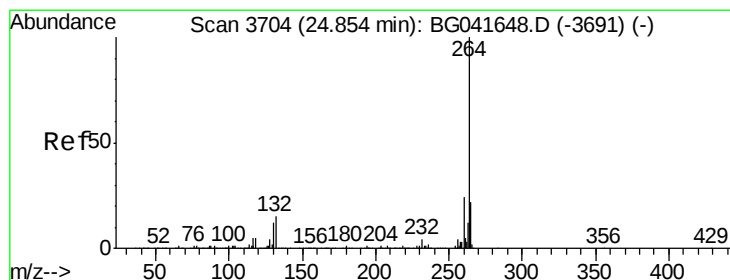
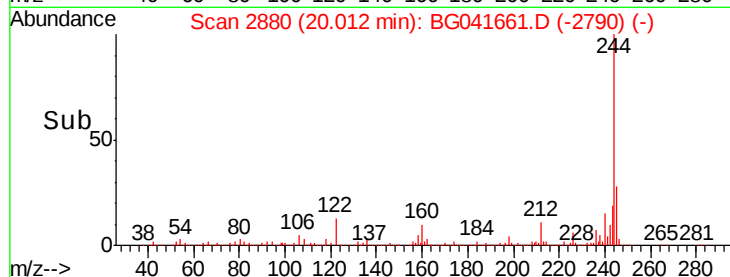
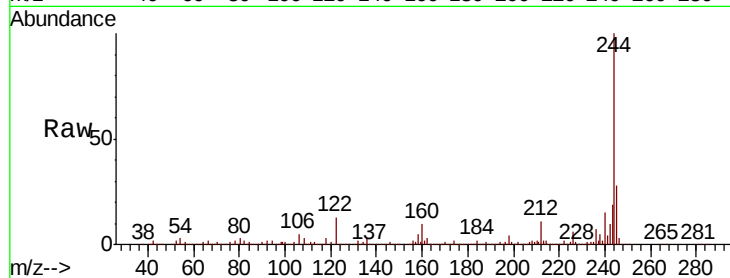
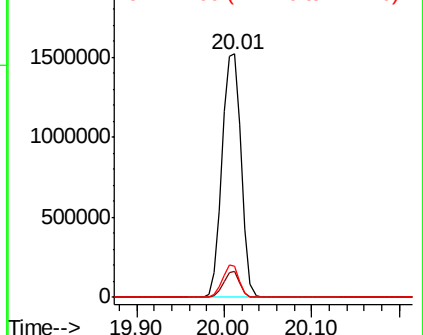
Ion	Ratio	Lower	Upper
244	100		
212	10.7	9.7	14.5
122	12.6	12.5	18.7

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: 24.85 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041661.D

Acq: 16 Jul 2019 10:24

Tgt Ion:264 Resp: 632042

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	18.0	27.0

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

