

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041674.D
 Acq On : 16 Jul 2019 18:54
 Operator : HP/JU
 Sample : K3622-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-071519-A

Quant Time: Jul 17 03:24:36 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	110790	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	468915	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	287888	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	700052	20.00	ng	0.00
76) Chrysene-d12	21.65	240	686436	20.00	ng	0.00
87) Perylene-d12	24.85	264	770079	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	789029	116.42	ng	0.00
7) Phenol-d6	7.20	99	1013733	111.21	ng	0.00
23) Nitrobenzene-d5	9.20	82	737689	95.67	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	457086	140.88	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1675972	90.15	ng	0.00
79) Terphenyl-d14	20.01	244	2503693	85.23	ng	0.00

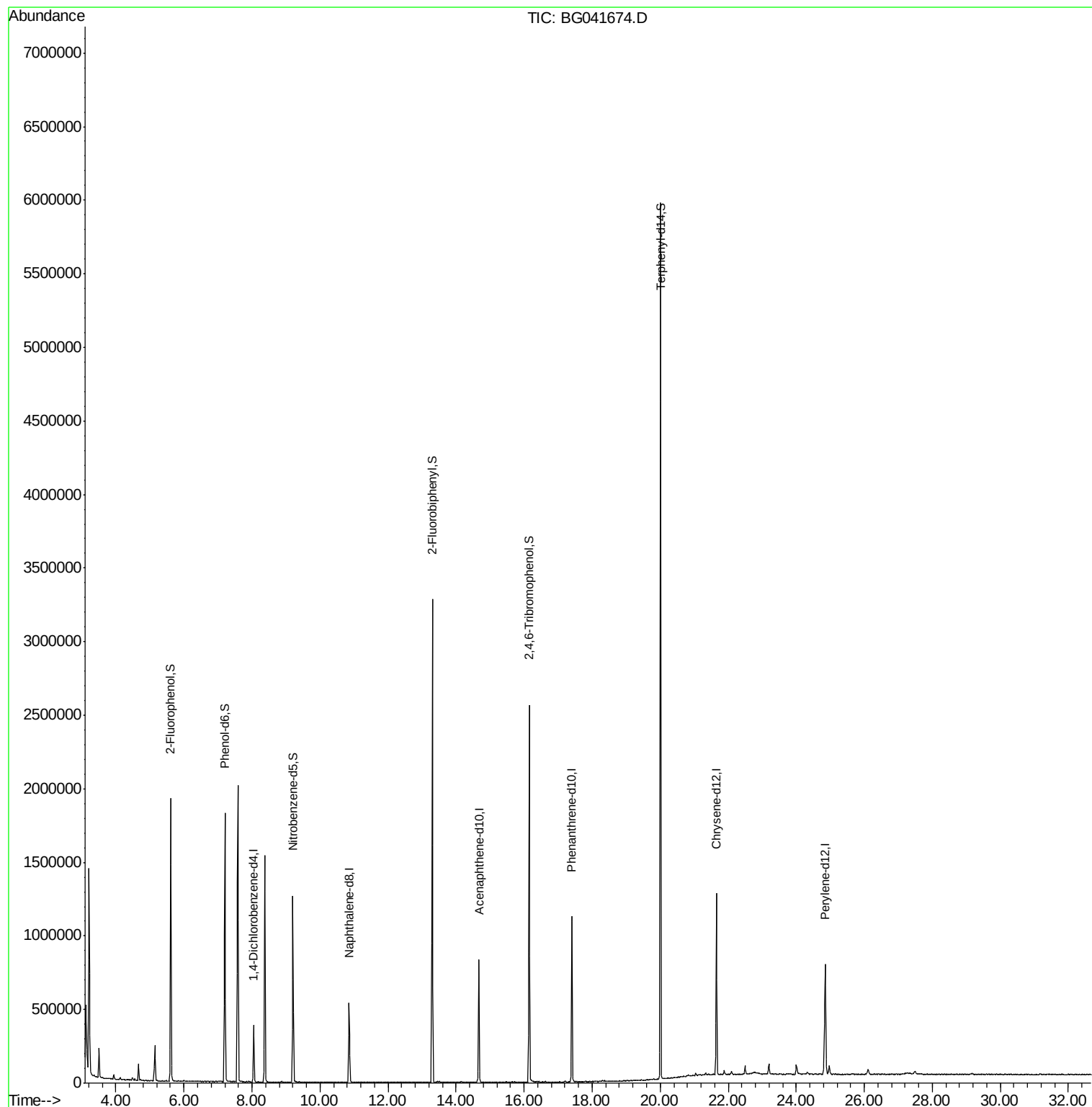
Target Compounds Qvalue

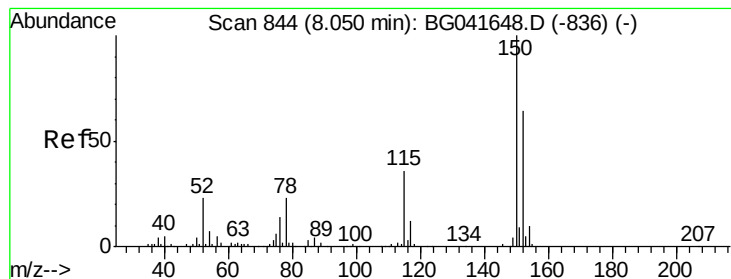
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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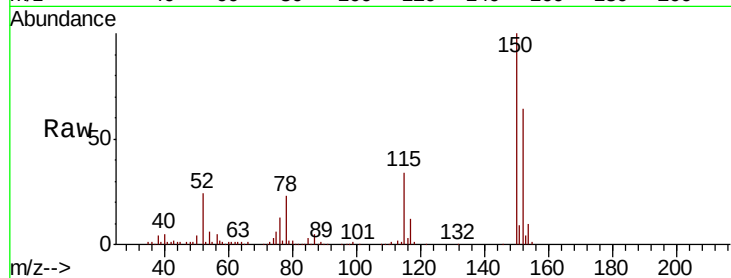


#1

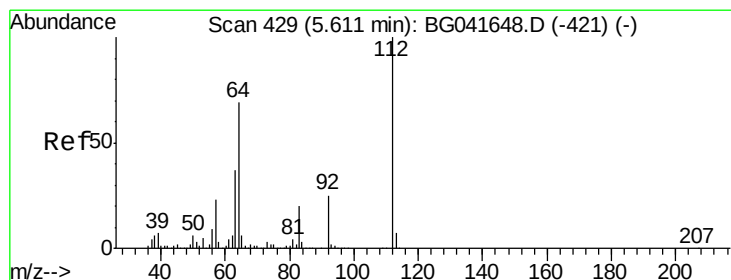
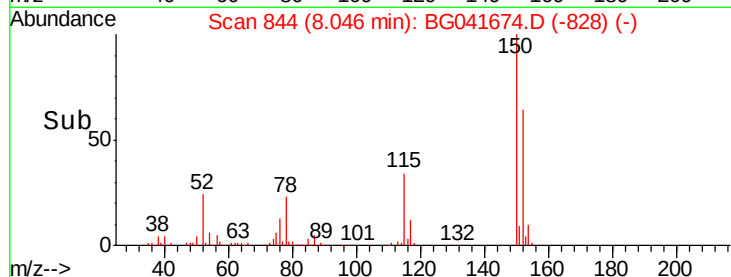
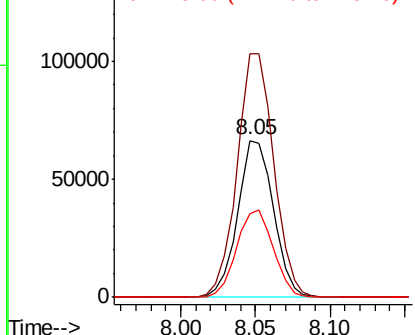
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041674.D
Acq: 16 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :
OR-03-071519-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.9	190.3
115	53.4	45.0	67.6



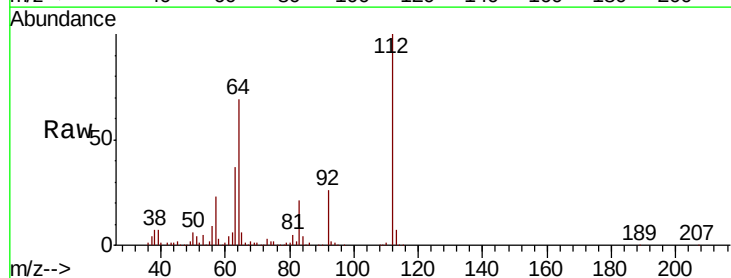
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



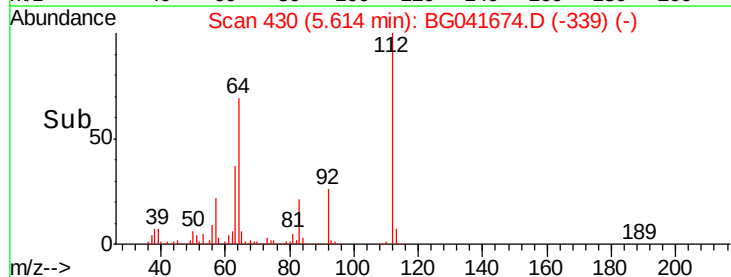
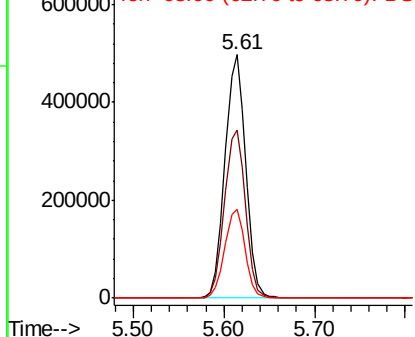
#5

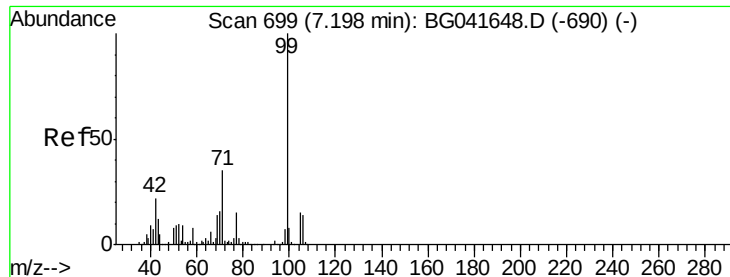
2-Fluorophenol
Concen: 116.424 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041674.D
Acq: 16 Jul 2019 18:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.4	83.2
63	36.5	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: 111.208 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041674.D

Acq: 16 Jul 2019 18:54

Instrument :

BNA_G

ClientSampleId :

OR-03-071519-A

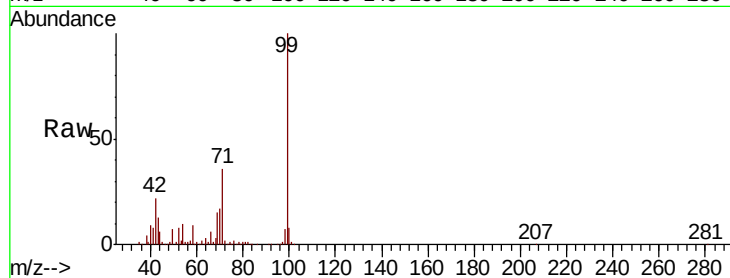
Tot Ion: 99 Resp: 1013733

Ion Ratio Lower Upper

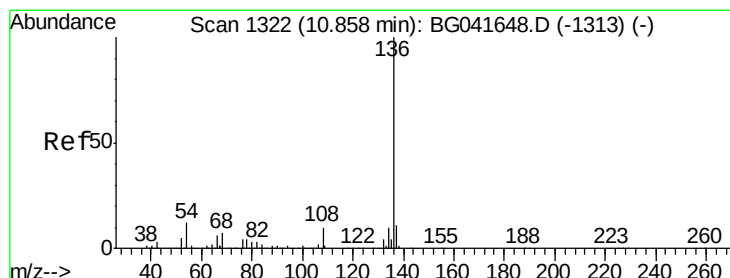
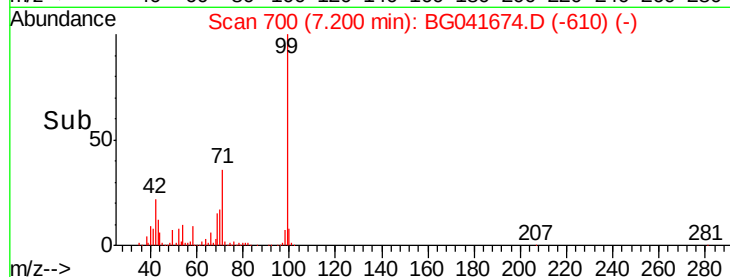
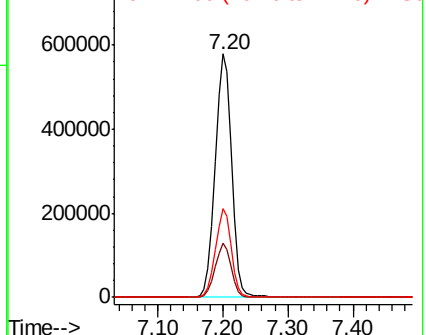
99 100

42 22.2 17.6 26.4

71 36.4 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# 1322

Delta R.T. -0.00 min

Lab File: BG041674.D

Acq: 16 Jul 2019 18:54

Tgt Ion: 136 Resp: 468915

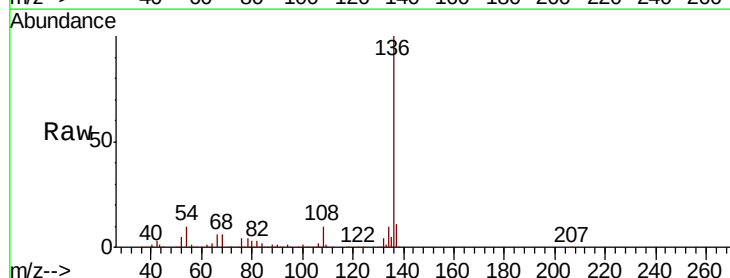
Ion Ratio Lower Upper

136 100

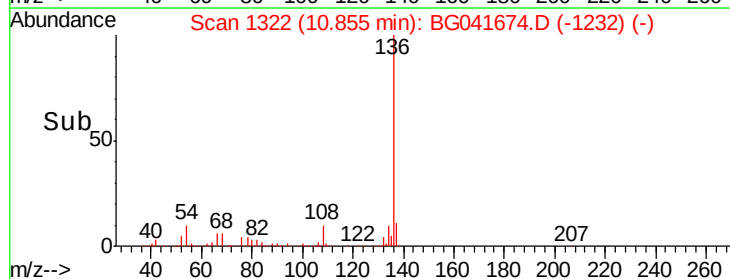
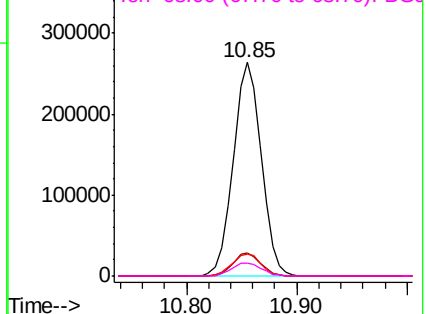
137 11.1 9.2 13.8

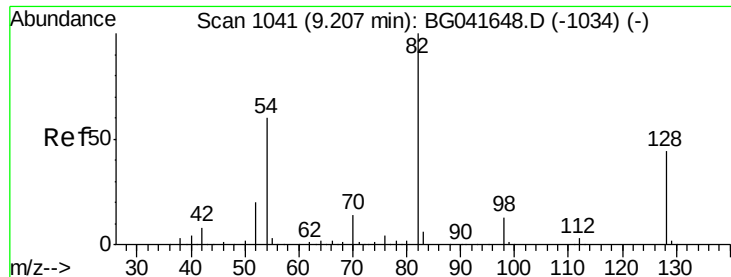
54 10.0 8.7 13.1

68 6.1 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

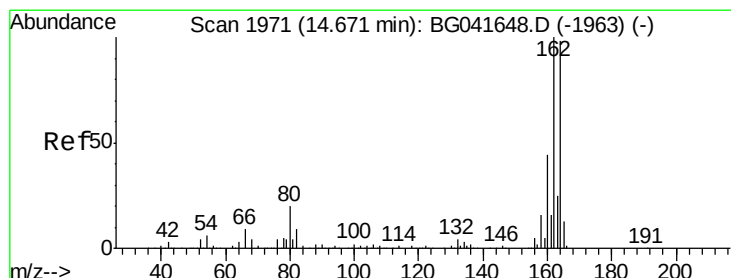
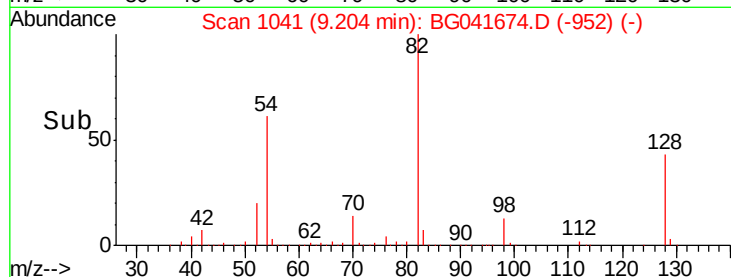
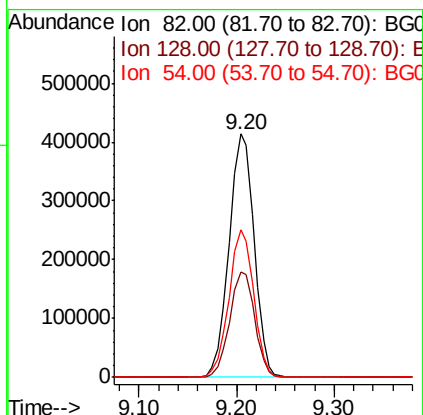
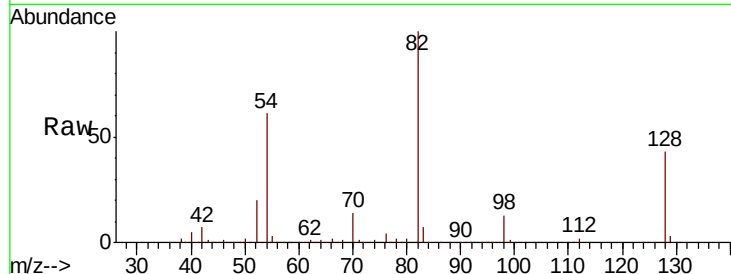




#23
Nitrobenzene-d5
Concen: 95.673 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041674.D
Acq: 16 Jul 2019 18:54

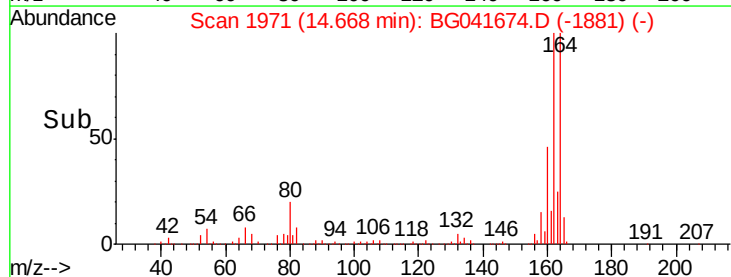
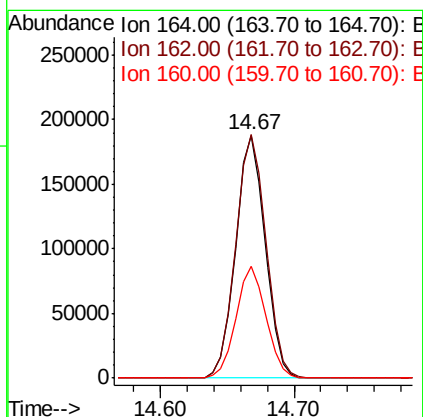
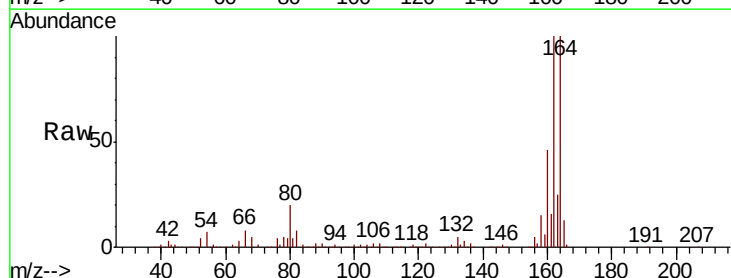
Instrument :
BNA_G
ClientSampleId :
OR-03-071519-A

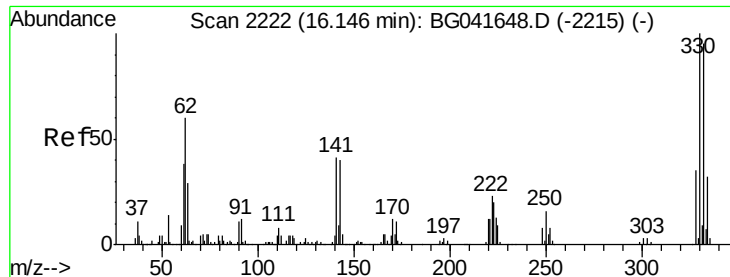
Tot Ion: 82 Resp: 737689
Ion Ratio Lower Upper
82 100
128 43.5 35.1 52.7
54 60.5 48.7 73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041674.D
Acq: 16 Jul 2019 18:54

Tgt Ion: 164 Resp: 287888
Ion Ratio Lower Upper
164 100
162 100.5 79.6 119.4
160 46.1 35.4 53.0

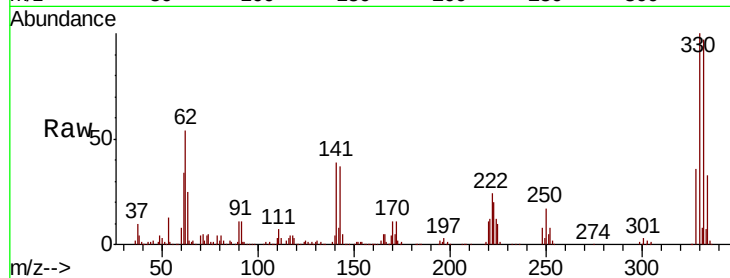




#42
 2,4,6-Tribromophenol
 Concen: 140.882 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG041674.D
 Acq: 16 Jul 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-071519-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	40.1	31.9	47.9

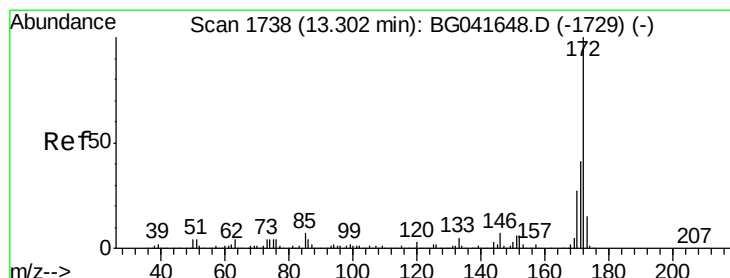
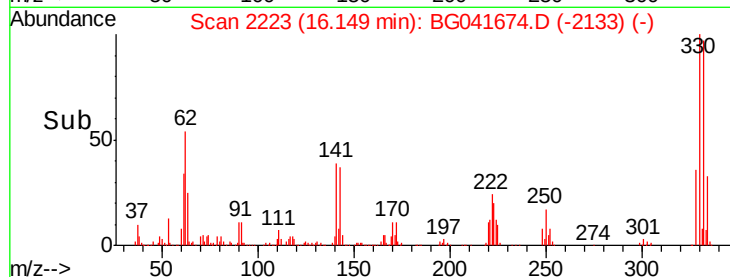
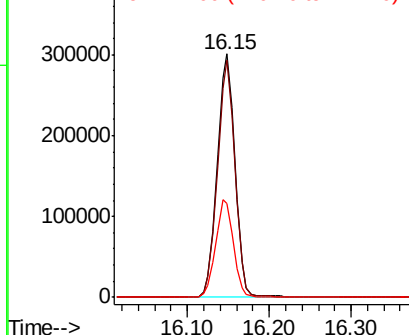


Abundance

Ion 329.80 (329.50 to 330.50): E

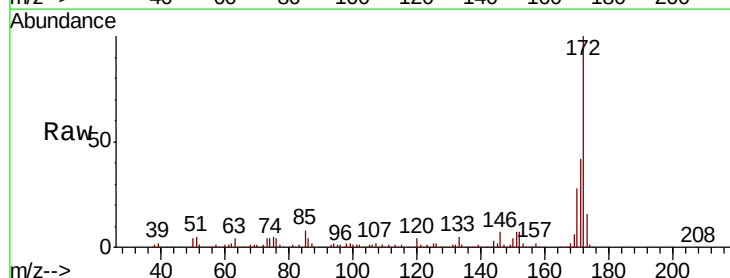
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.148 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG041674.D
 Acq: 16 Jul 2019 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.4	35.0	52.4
170	27.9	23.5	35.3

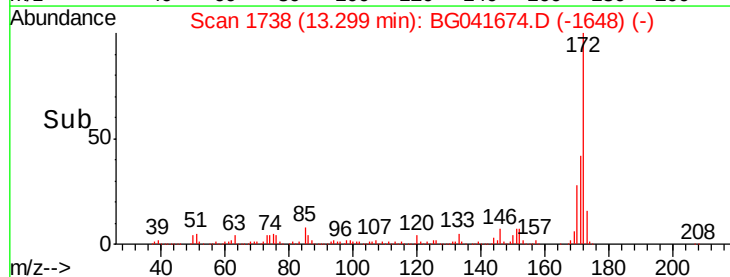
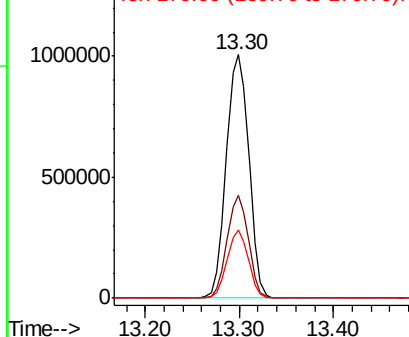


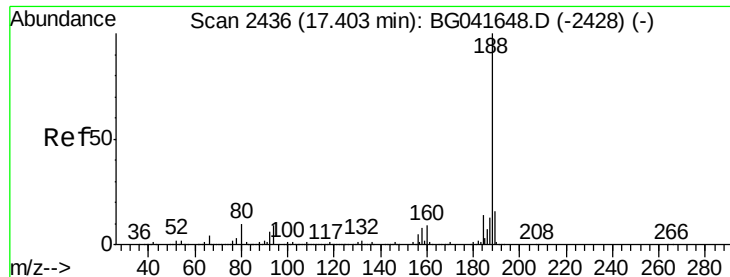
Abundance

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. -0.01 min

Lab File: BG041674.D

Acq: 16 Jul 2019 18:54

Instrument :

BNA_G

ClientSampleId :

OR-03-071519-A

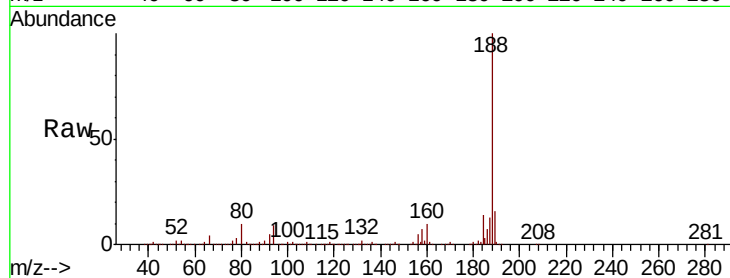
Tot Ion:188 Resp: 700052

Ion Ratio Lower Upper

188 100

94 9.1 6.9 10.3

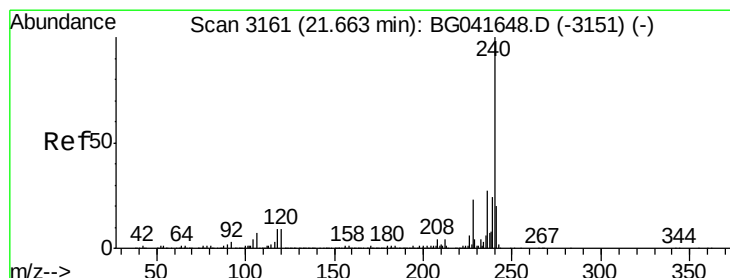
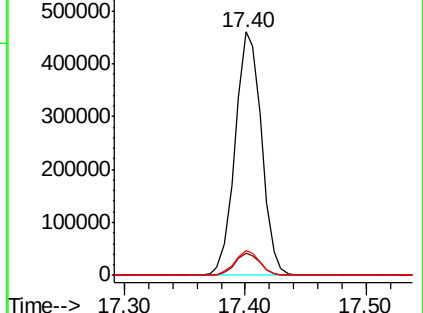
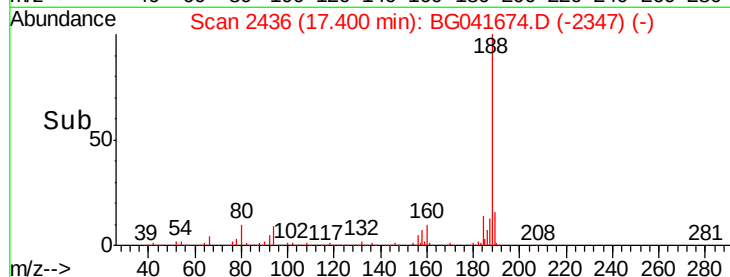
80 10.2 8.0 12.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041674.D

Acq: 16 Jul 2019 18:54

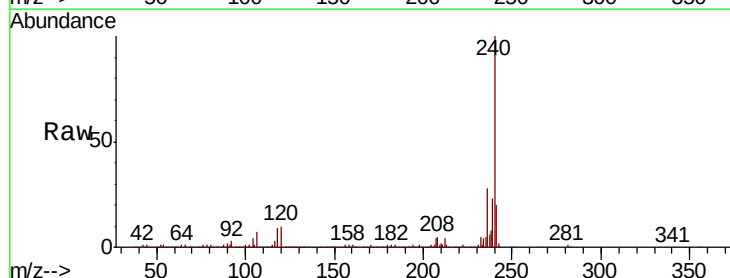
Tgt Ion:240 Resp: 686436

Ion Ratio Lower Upper

240 100

120 10.0 8.0 12.0

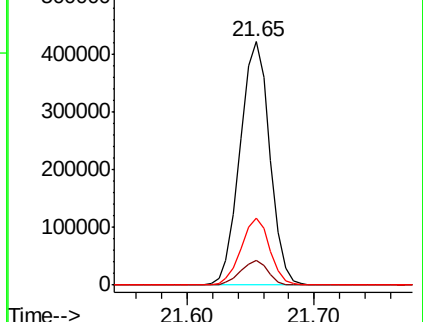
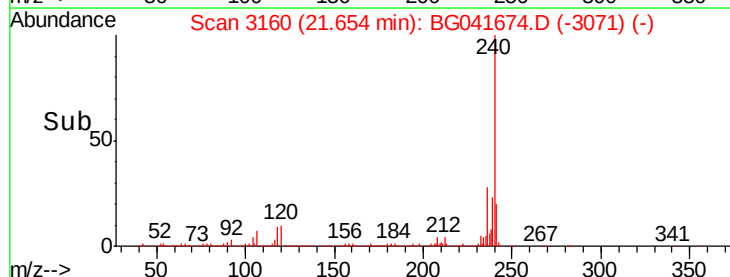
236 27.6 22.6 33.8

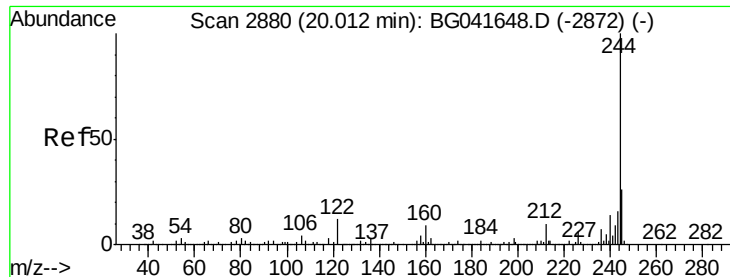


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.235 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041674.D

Acq: 16 Jul 2019 18:54

Instrument :

BNA_G

ClientSampleId :

OR-03-071519-A

Tot Ion:244 Resp: 2503693

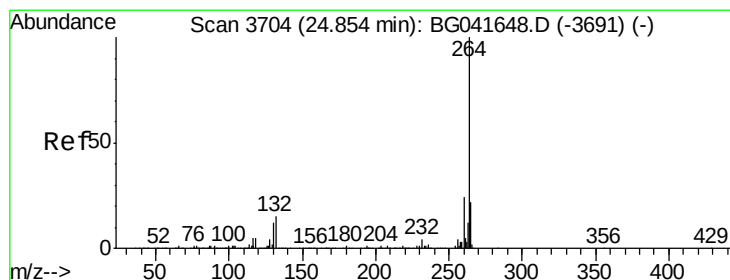
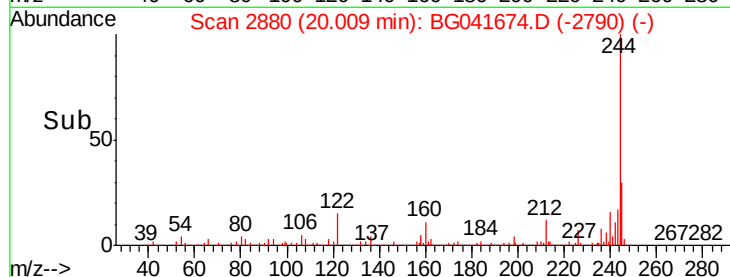
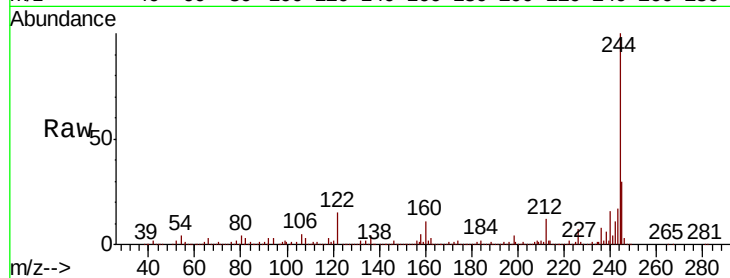
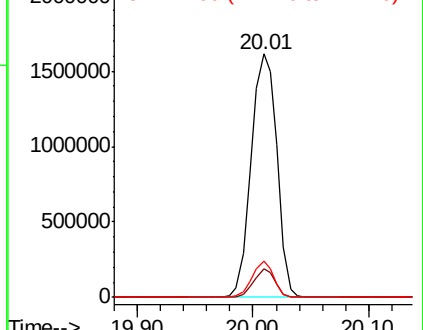
Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.7	14.5
122	14.6	12.5	18.7

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# 3704

Delta R.T. -0.01 min

Lab File: BG041674.D

Acq: 16 Jul 2019 18:54

Tgt Ion:264 Resp: 770079

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.5	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

