

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041672.D
 Acq On : 16 Jul 2019 17:38
 Operator : HP/JU
 Sample : K3623-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071519-C

Quant Time: Jul 17 03:15:14 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	107595	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	453862	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	279633	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	670522	20.00	ng	0.00
76) Chrysene-d12	21.65	240	641689	20.00	ng	-0.01
87) Perylene-d12	24.85	264	720675	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	780460	118.58	ng	0.00
7) Phenol-d6	7.20	99	1020781	115.31	ng	0.00
23) Nitrobenzene-d5	9.21	82	698367	93.58	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	439894	139.59	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1599776	88.59	ng	0.00
79) Terphenyl-d14	20.01	244	2408177	87.70	ng	0.00

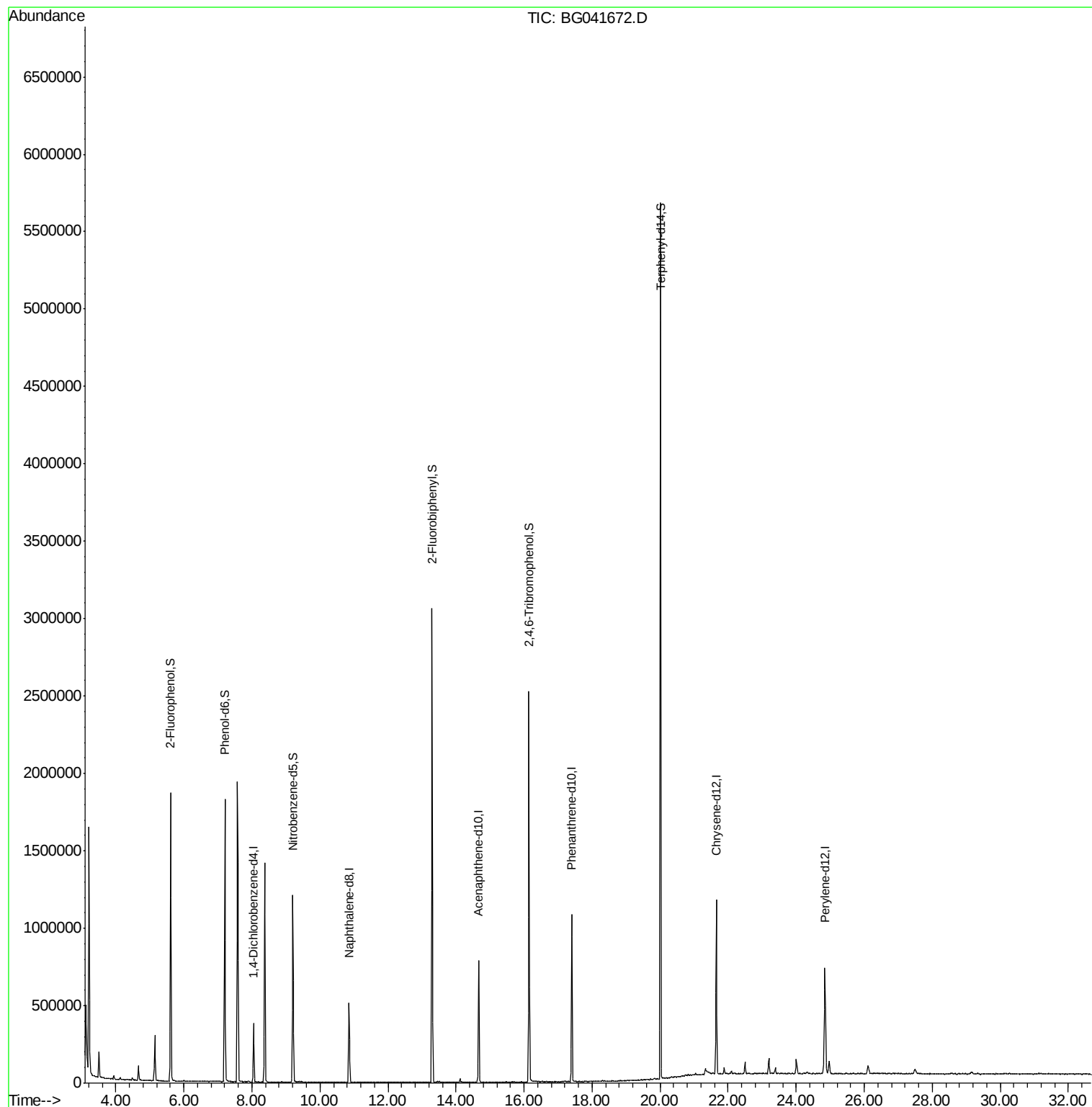
Target Compounds Qvalue

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

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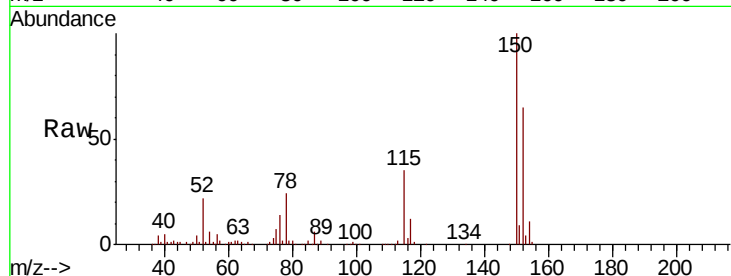


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041672.D
Acq: 16 Jul 2019 17:38

Instrument :
BNA_G
ClientSampleId :
EO-02-071519-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.9	190.3
115	53.2	45.0	67.6

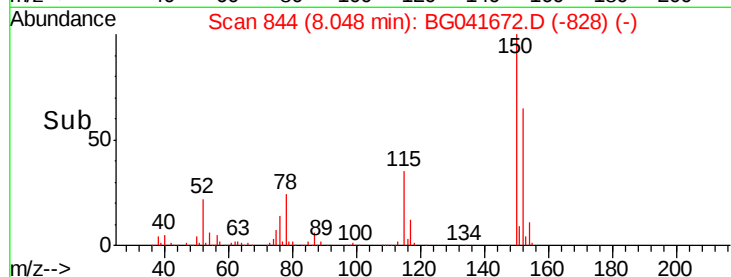
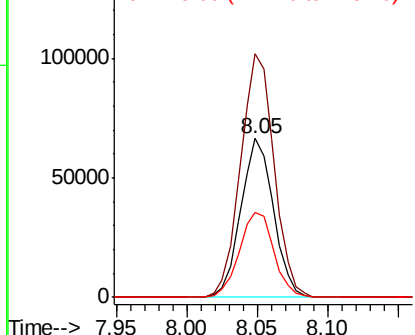


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

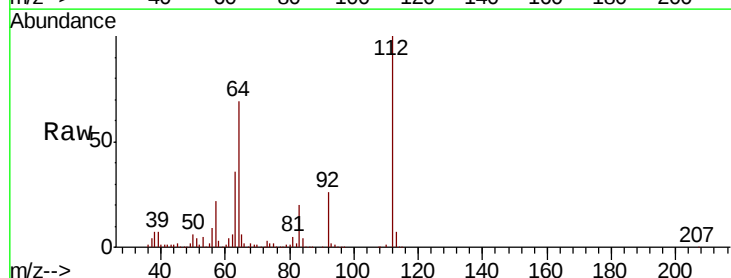
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.579 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041672.D
Acq: 16 Jul 2019 17:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	55.4	83.2
63	36.2	29.1	43.7

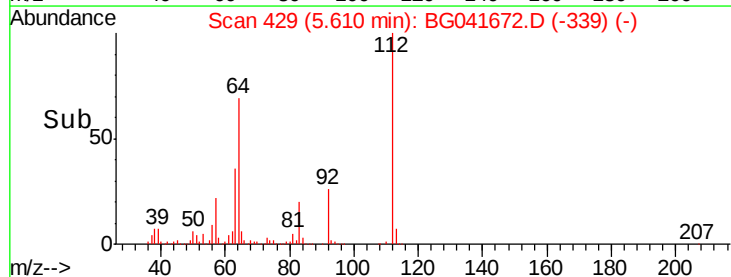
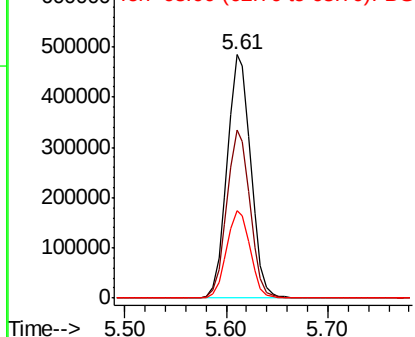


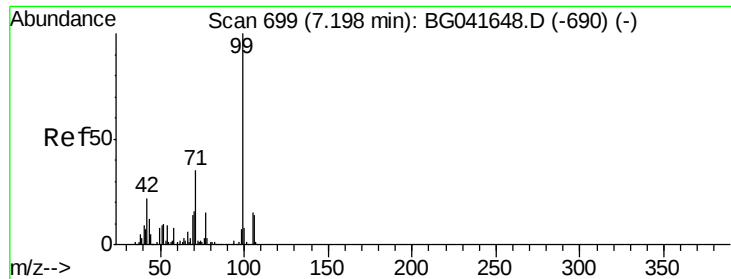
Abundance

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: 115.307 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041672.D

Acq: 16 Jul 2019 17:38

Instrument :

BNA_G

ClientSampleId :

EO-02-071519-C

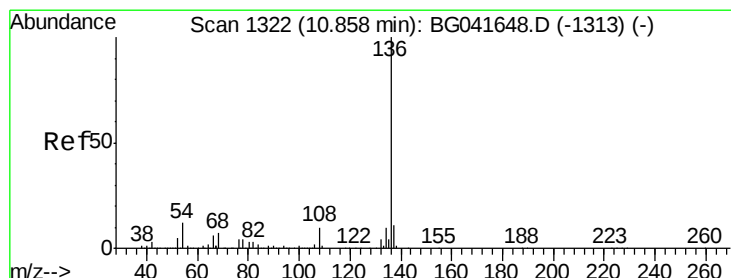
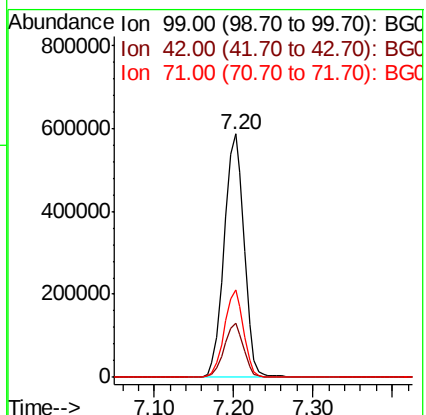
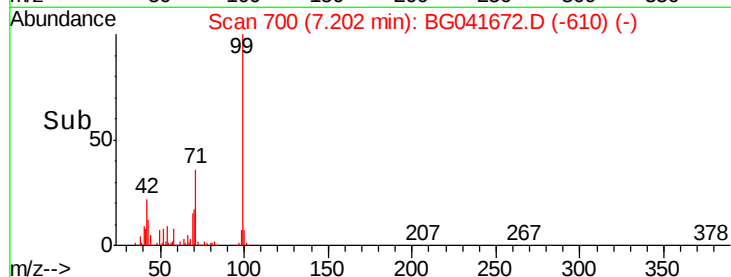
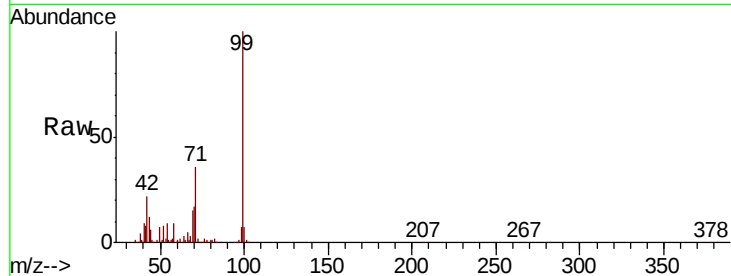
Tot Ion: 99 Resp: 1020781

Ion Ratio Lower Upper

99 100

42 22.2 17.6 26.4

71 35.8 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041672.D

Acq: 16 Jul 2019 17:38

Tgt Ion: 136 Resp: 453862

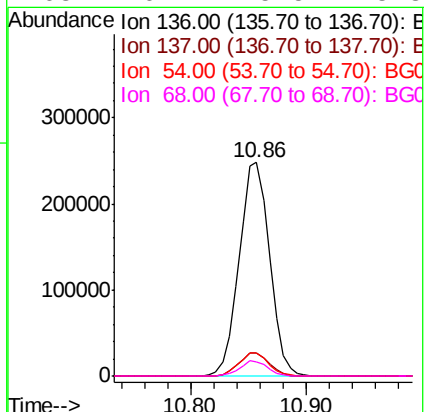
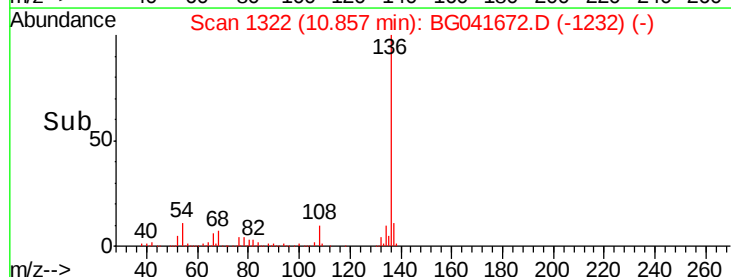
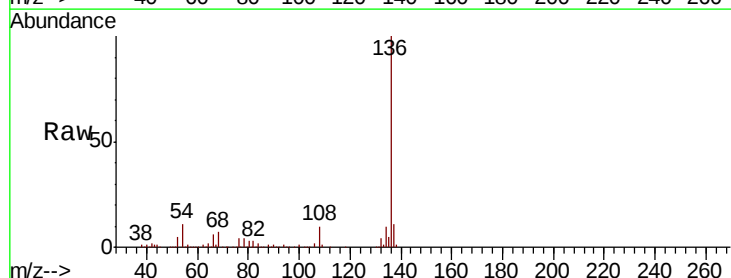
Ion Ratio Lower Upper

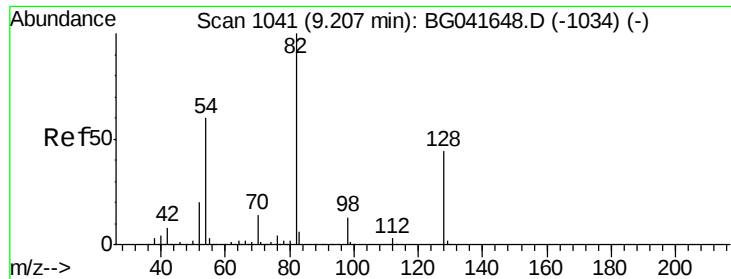
136 100

137 10.8 9.2 13.8

54 11.1 8.7 13.1

68 6.7 5.5 8.3

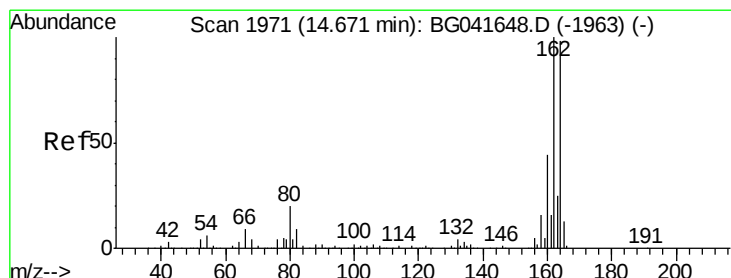
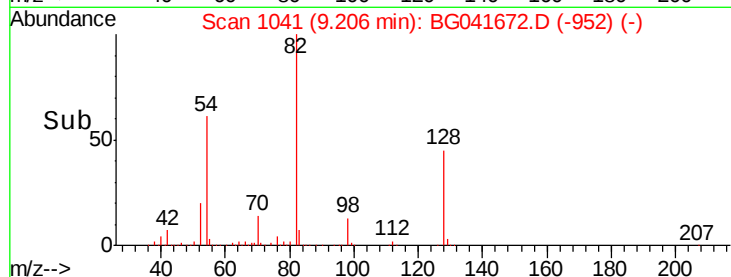
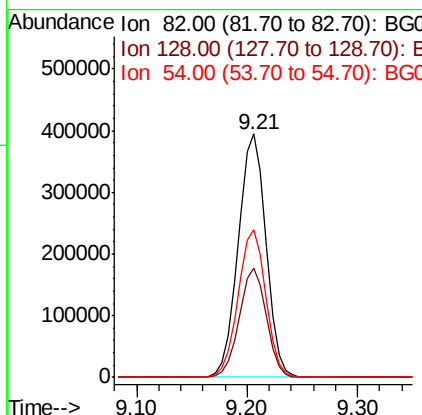
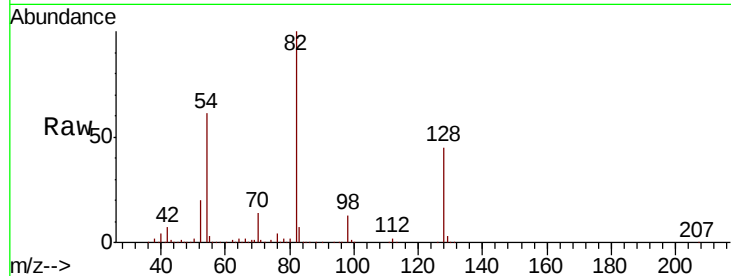




#23
 Nitrobenzene-d5
 Concen: 93.577 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041672.D
 Acq: 16 Jul 2019 17:38

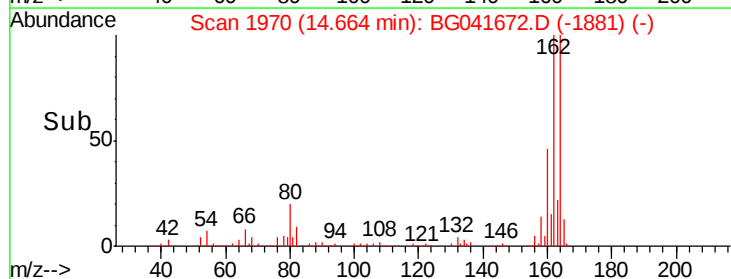
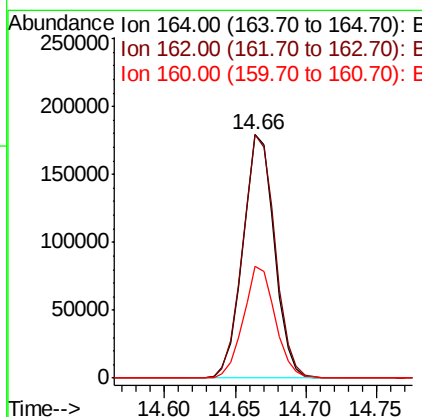
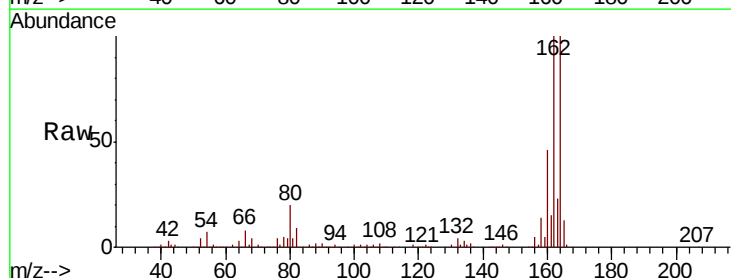
Instrument :
 BNA_G
 ClientSampleID :
 EO-02-071519-C

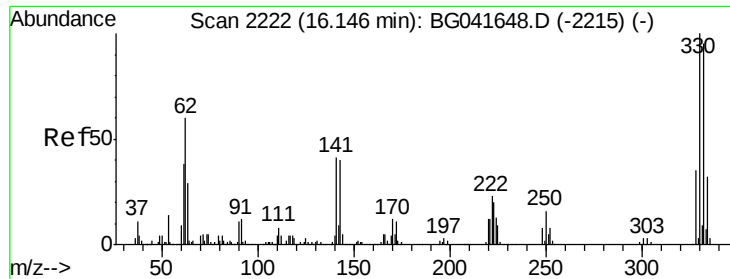
Tot Ion	82.00	Resp	698367
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.1	52.7
54	60.7	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041672.D
 Acq: 16 Jul 2019 17:38

Tgt Ion	164.00	Resp	279633
Ion Ratio	Lower	Upper	
164	100		
162	100.0	79.6	119.4
160	46.0	35.4	53.0

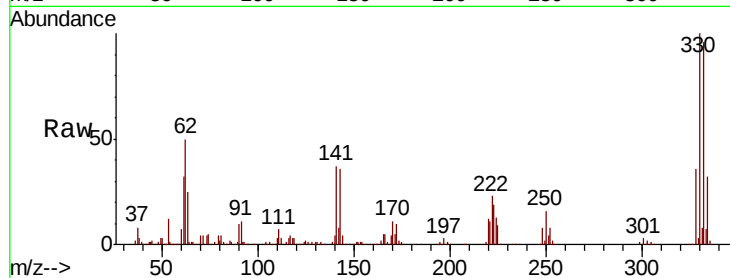




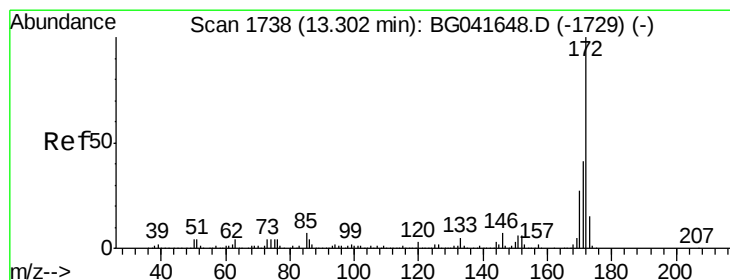
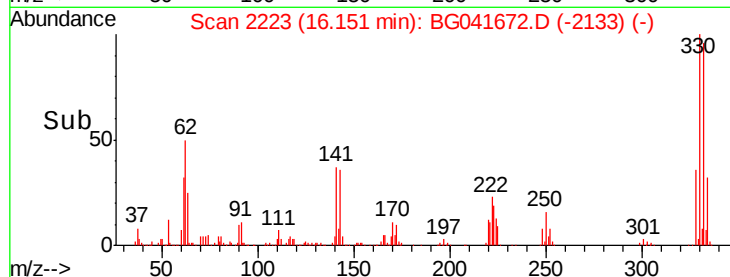
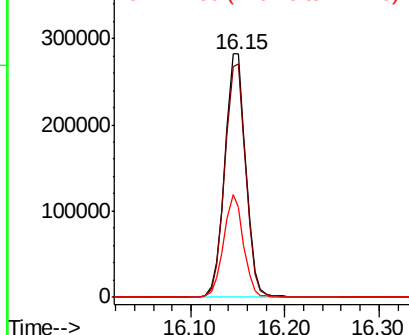
#42
 2,4,6-Tribromophenol
 Concen: 139.586 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG041672.D
 Acq: 16 Jul 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071519-C

Tot Ion:330 Resp: 439894
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.0
 141 39.8 31.9 47.9

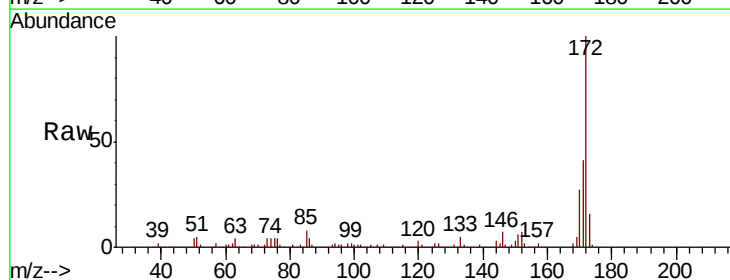


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

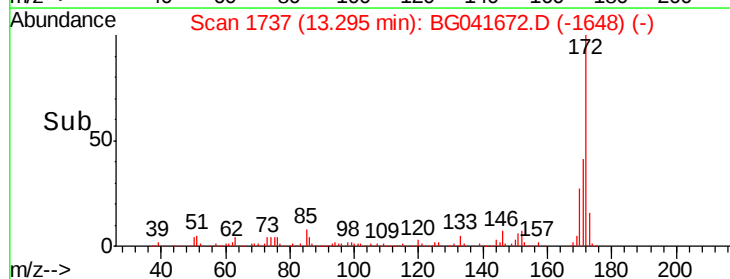
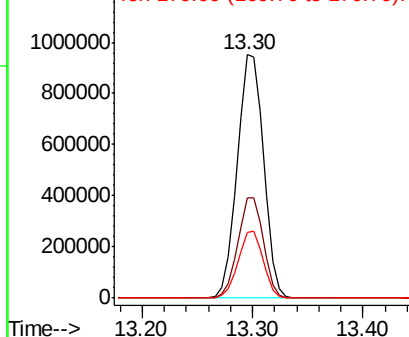


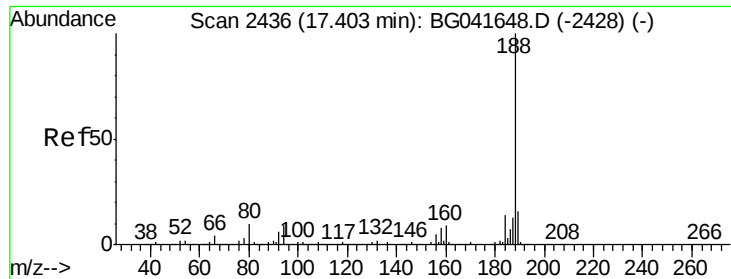
#45
 2-Fluorobiphenyl
 Concen: 88.589 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041672.D
 Acq: 16 Jul 2019 17:38

Tgt Ion:172 Resp: 1599776
 Ion Ratio Lower Upper
 172 100
 171 41.0 35.0 52.4
 170 26.9 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: BG041672.D

Acq: 16 Jul 2019 17:38

Instrument :

BNA_G

ClientSampleId :

EO-02-071519-C

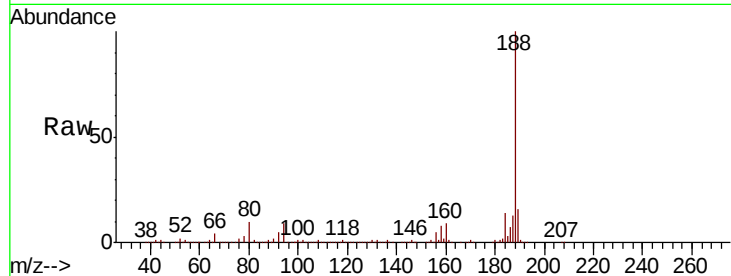
Tot Ion:188 Resp: 670522

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

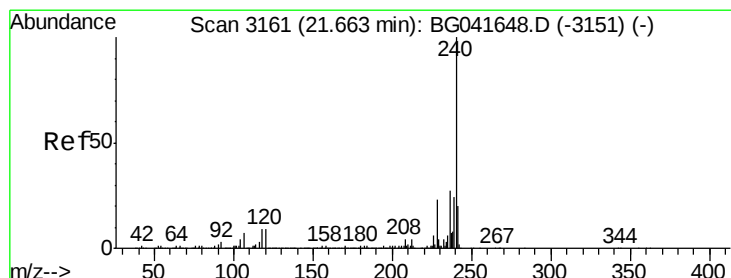
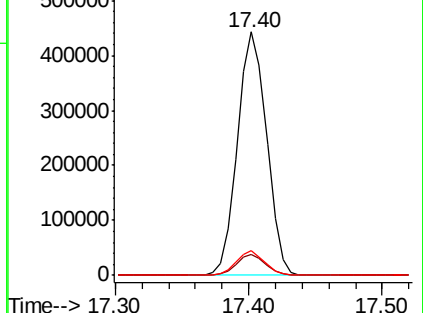
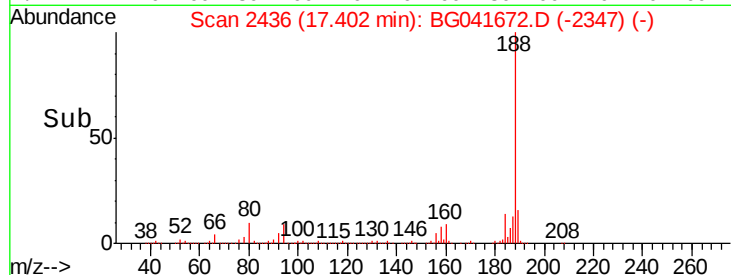
80 10.0 8.0 12.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041672.D

Acq: 16 Jul 2019 17:38

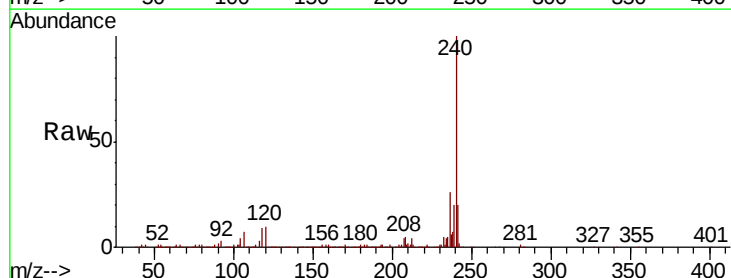
Tgt Ion:240 Resp: 641689

Ion Ratio Lower Upper

240 100

120 10.2 8.0 12.0

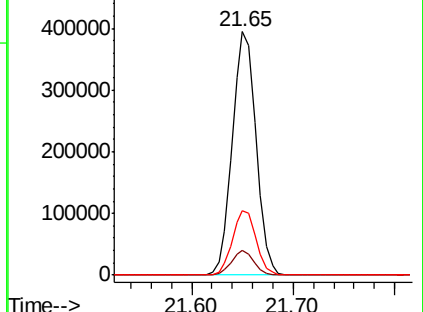
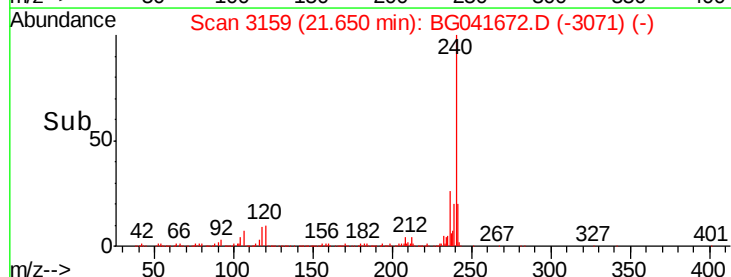
236 26.5 22.6 33.8

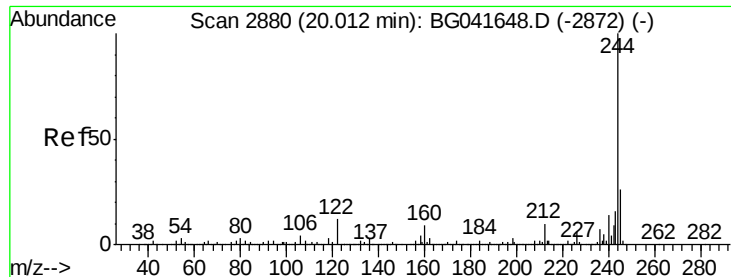


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.700 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041672.D

Acq: 16 Jul 2019 17:38

Instrument :

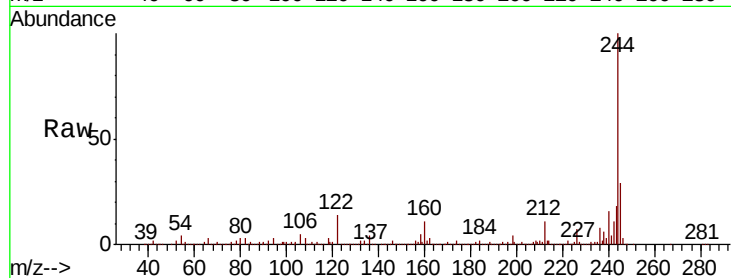
BNA_G

ClientSampleId :

EO-02-071519-C

Tot Ion:244 Resp: 2408177

Ion	Ratio	Lower	Upper
244	100		
212	11.2	9.7	14.5
122	14.2	12.5	18.7

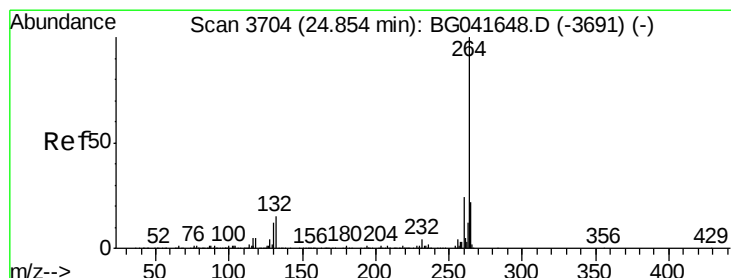
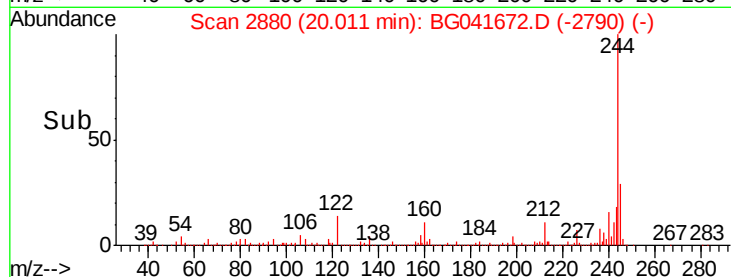
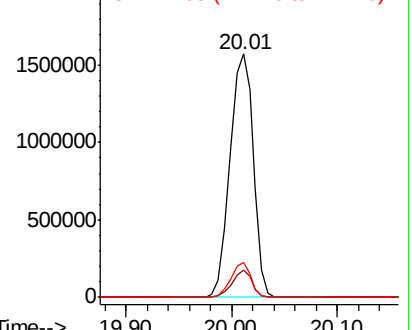


Abundance

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

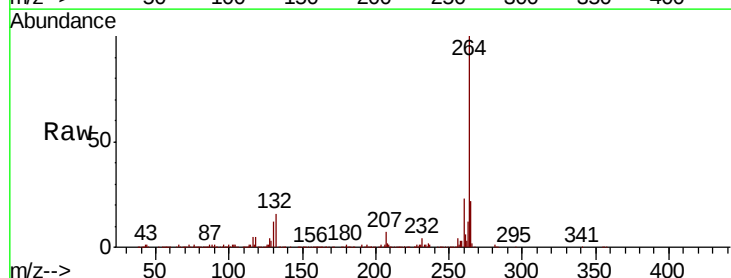
Delta R.T. -0.02 min

Lab File: BG041672.D

Acq: 16 Jul 2019 17:38

Tgt Ion:264 Resp: 720675

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.9	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

