

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041536.D
 Acq On : 29 Jun 2019 7:12
 Operator : HP/JU
 Sample : K3555-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-13

Quant Time: Jul 01 00:46:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17655	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	66394	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	54077	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	176555	20.00	ng	0.00
76) Chrysene-d12	21.69	240	197920	20.00	ng	0.00
87) Perylene-d12	24.98	264	203554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	125456	126.69	ng	0.00
7) Phenol-d6	7.19	99	161055	115.53	ng	0.00
23) Nitrobenzene-d5	9.21	82	146952	92.31	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	133708	144.81	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	373216	88.56	ng	0.00
79) Terphenyl-d14	20.02	244	1043658	112.06	ng	0.00

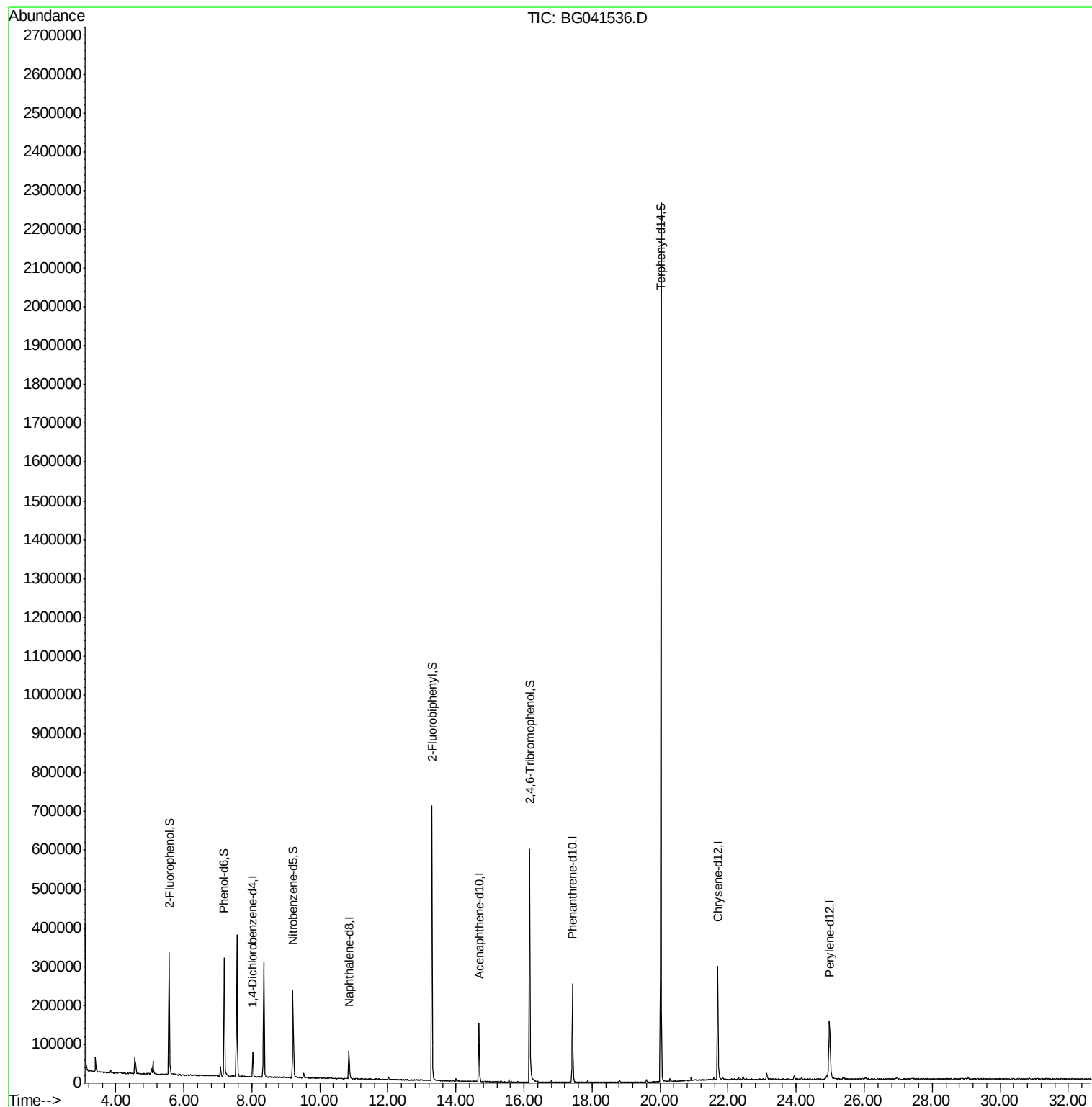
Target Compounds	Qvalue
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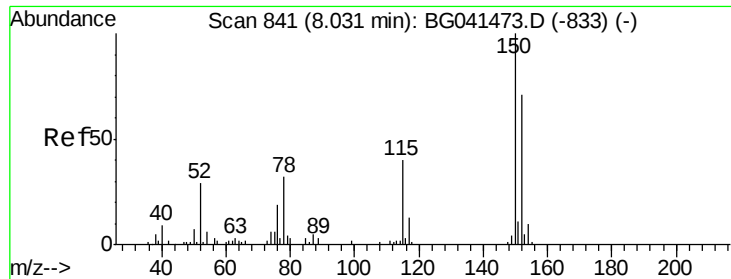
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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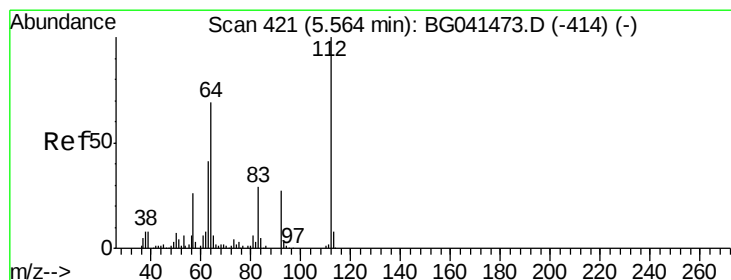
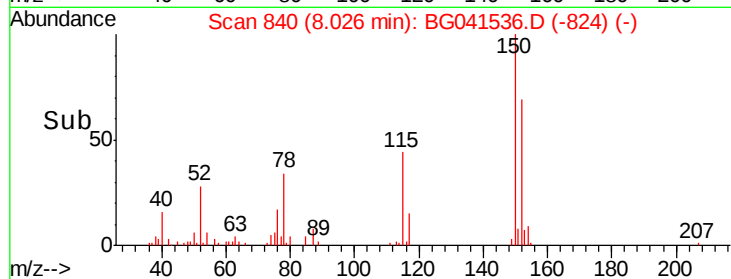
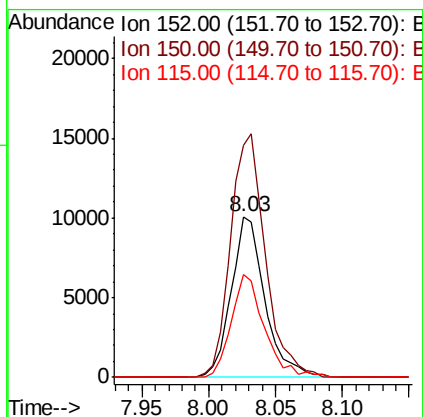
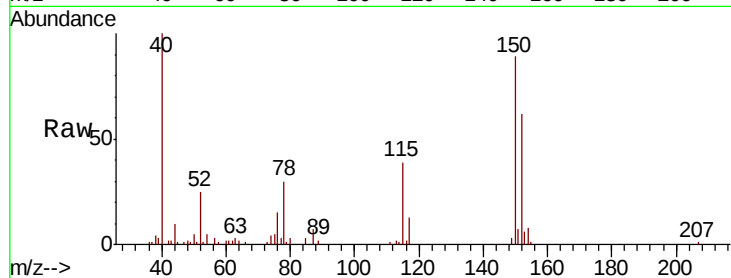


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041536.D
Acq: 29 Jun 2019 7:12

Instrument :
BNA_G
ClientSampleId :
SAMPLE-13

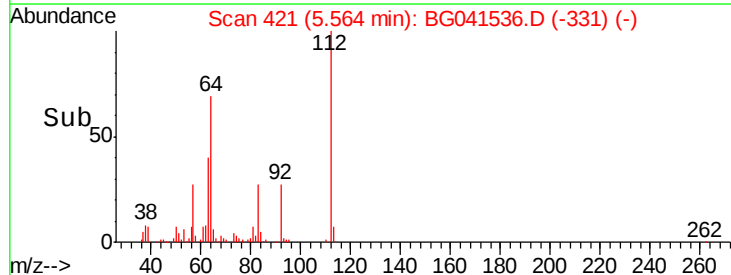
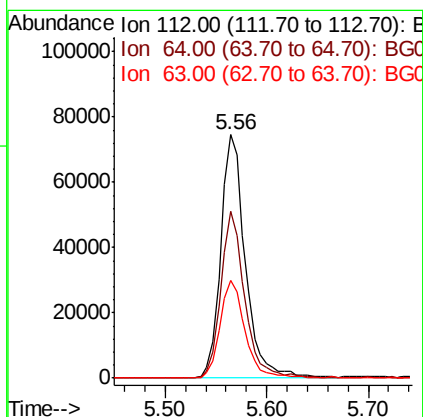
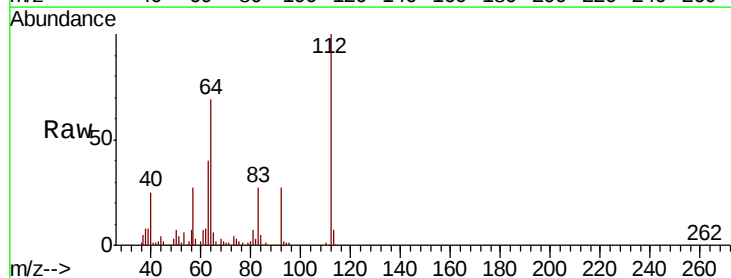
Tgt Ion:152 Resp: 17655
Ion Ratio Lower Upper
152 100
150 144.2 112.4 168.6
115 63.7 44.6 66.8



#5

2-Fluorophenol
Concen: 126.689 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG041536.D
Acq: 29 Jun 2019 7:12

Tgt Ion:112 Resp: 125456
Ion Ratio Lower Upper
112 100
64 68.7 55.1 82.7
63 40.0 32.4 48.6





#7

Phenol-d6

Concen: 115.531 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041536.D

Acq: 29 Jun 2019 7:12

Instrument :

BNA_G

ClientSampleId :

SAMPLE-13

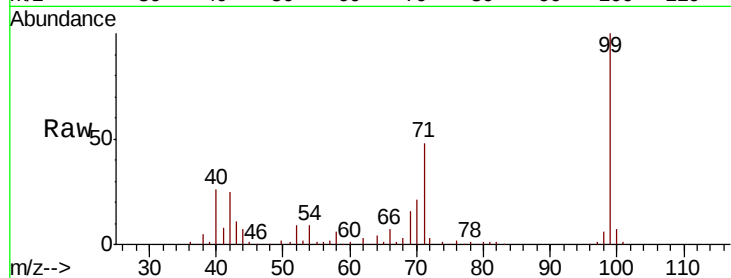
Tgt Ion: 99 Resp: 161055

Ion Ratio Lower Upper

99 100

42 24.6 19.0 28.6

71 48.3 37.4 56.2

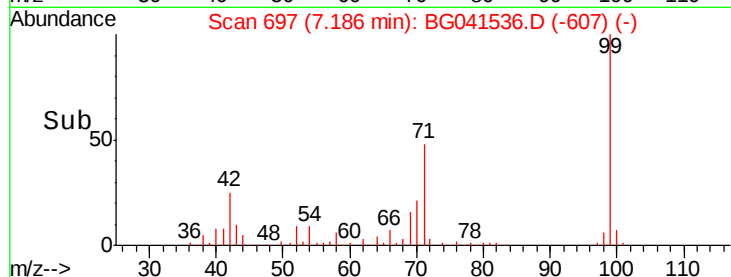
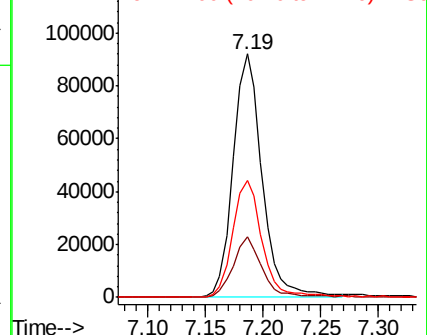


Abundance

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. -0.01 min

Lab File: BG041536.D

Acq: 29 Jun 2019 7:12

Tgt Ion: 136 Resp: 66394

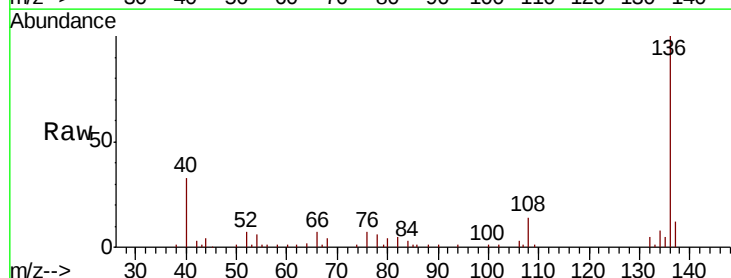
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 6.0 7.1 10.7#

68 3.5 3.3 4.9



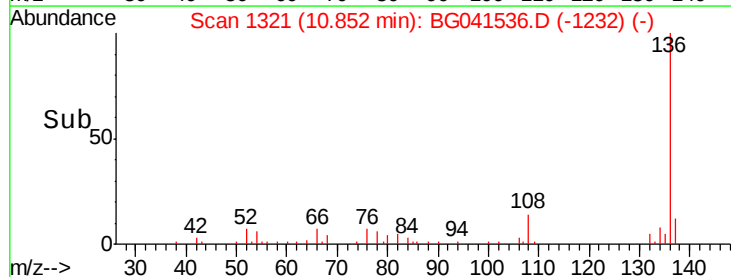
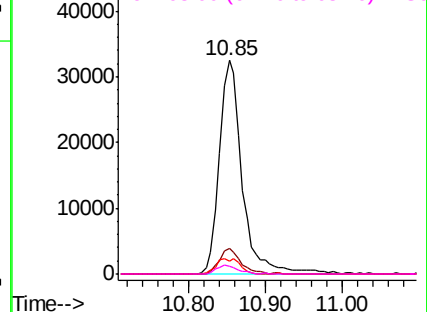
Abundance

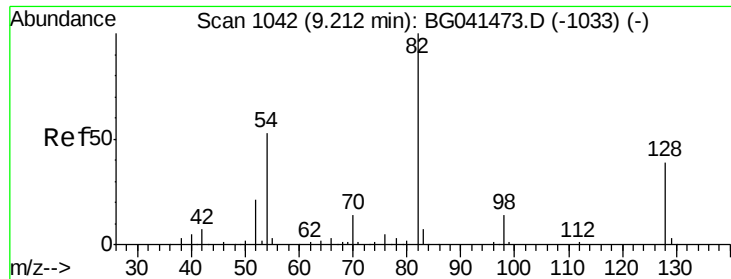
Ion 136.00 (135.70 to 136.70): BGC

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

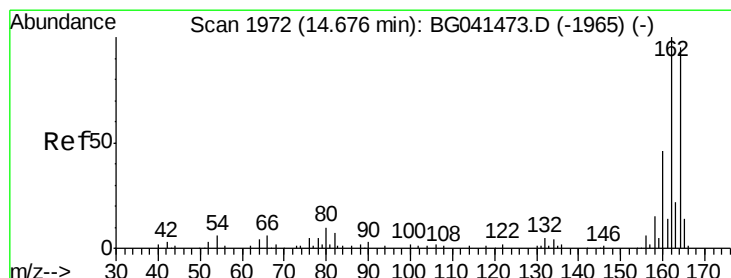
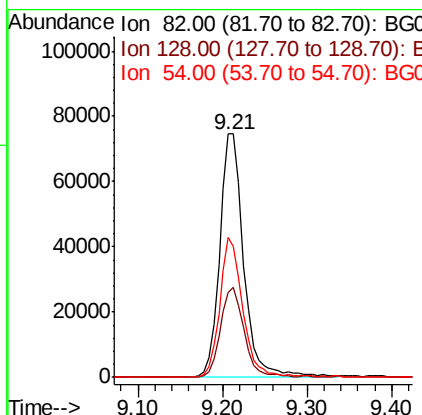
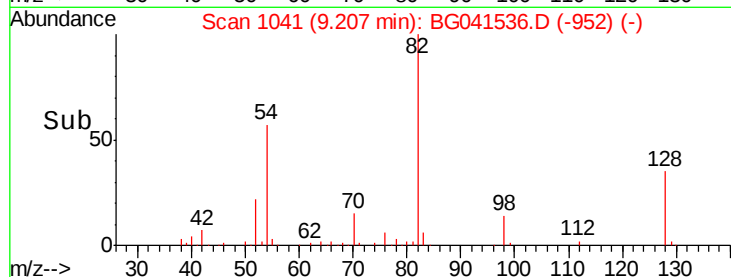
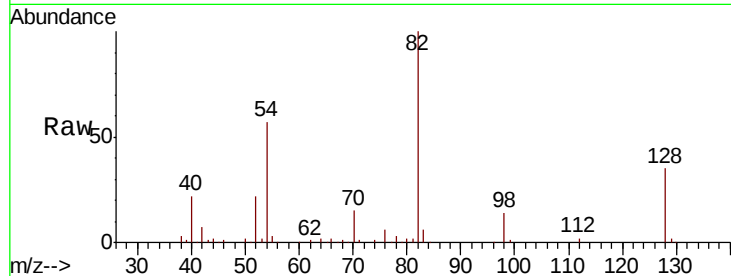




#23
 Nitrobenzene-d5
 Concen: 92.312 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041536.D
 Acq: 29 Jun 2019 7:12

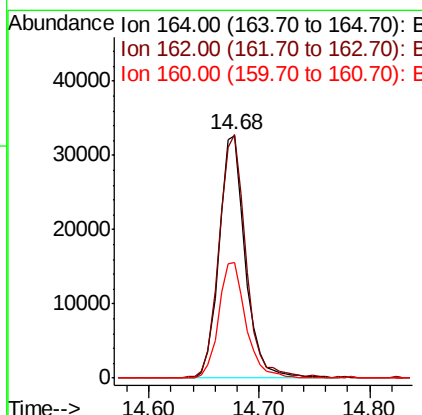
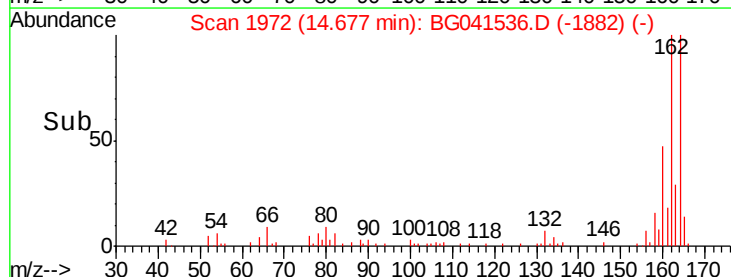
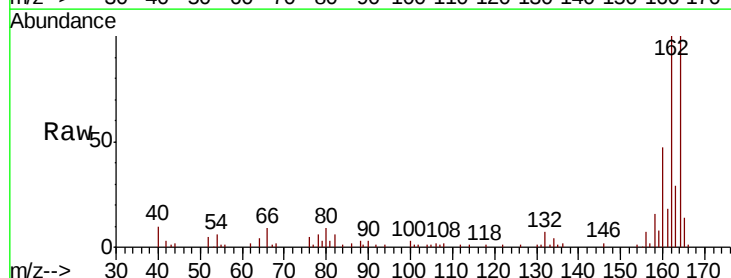
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-13

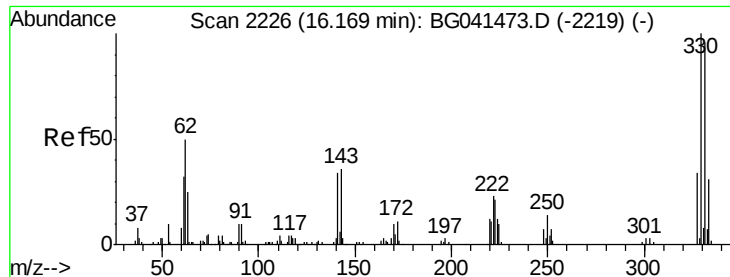
Tgt Ion: 82 Resp: 146952
 Ion Ratio Lower Upper
 82 100
 128 35.0 30.9 46.3
 54 57.4 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG041536.D
 Acq: 29 Jun 2019 7:12

Tgt Ion: 164 Resp: 54077
 Ion Ratio Lower Upper
 164 100
 162 100.2 84.4 126.6
 160 47.6 38.8 58.2

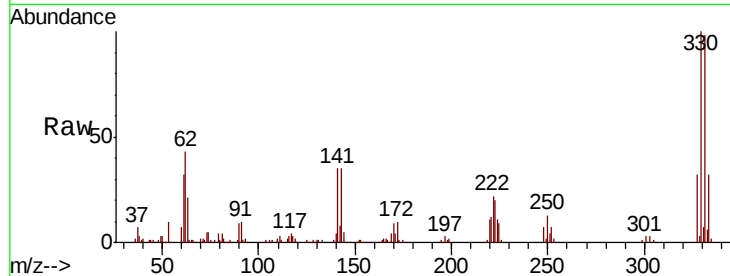




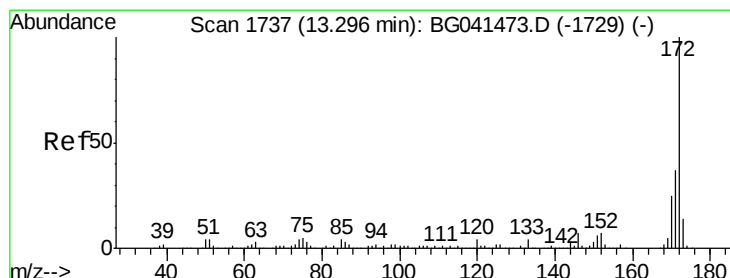
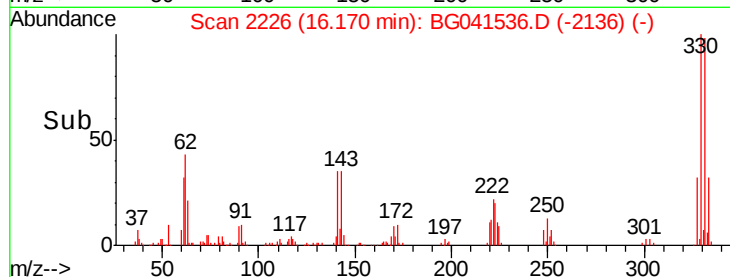
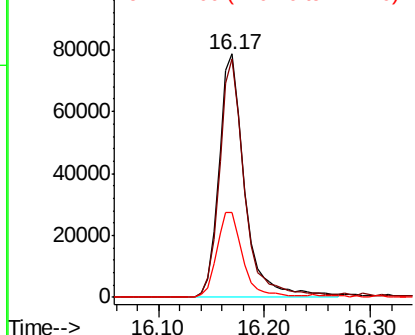
#42
 2,4,6-Tribromophenol
 Concen: 144.811 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG041536.D
 Acq: 29 Jun 2019 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-13

Tgt Ion:330 Resp: 133708
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.5 113.3
 141 35.5 27.8 41.6

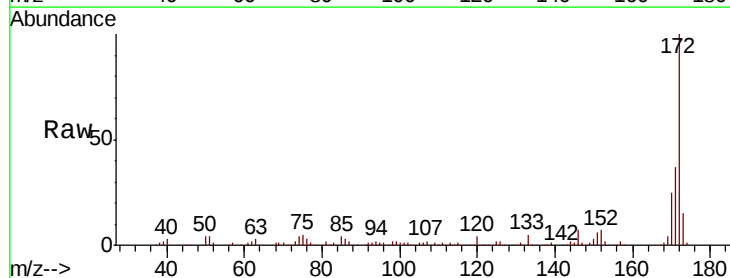


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

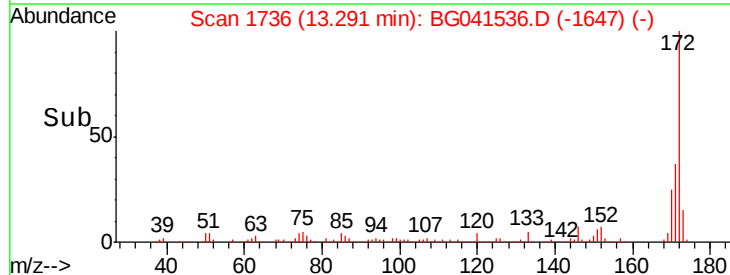
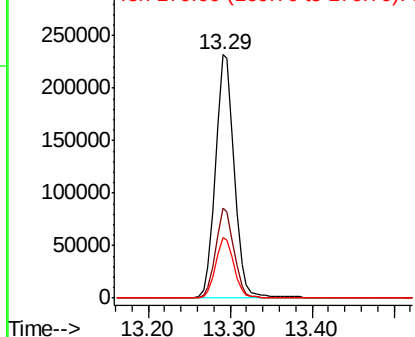


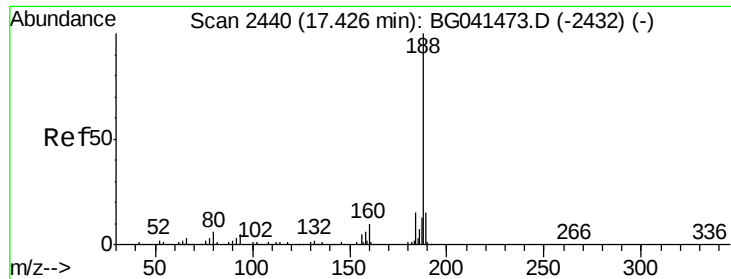
#45
 2-Fluorobiphenyl
 Concen: 88.565 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041536.D
 Acq: 29 Jun 2019 7:12

Tgt Ion:172 Resp: 373216
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.7 20.0 30.0



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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG041536.D

Acq: 29 Jun 2019 7:12

Instrument :

BNA_G

ClientSampleId :

SAMPLE-13

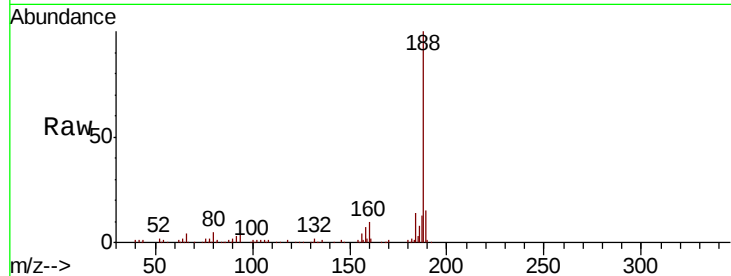
Tgt Ion:188 Resp: 176555

Ion Ratio Lower Upper

188 100

94 4.4 3.8 5.8

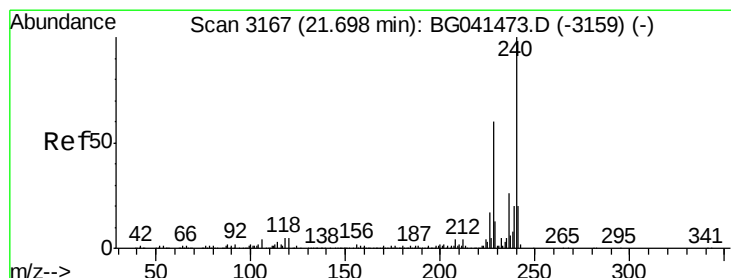
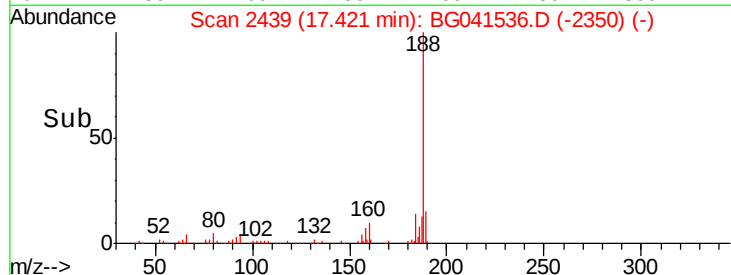
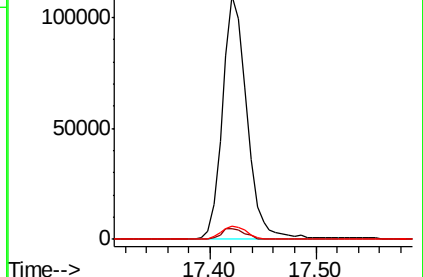
80 5.5 4.8 7.2



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG041536.D

Acq: 29 Jun 2019 7:12

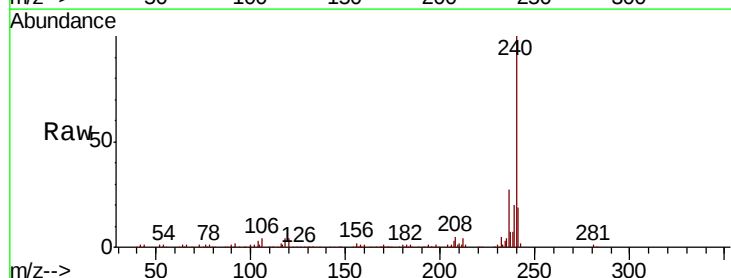
Tgt Ion:240 Resp: 197920

Ion Ratio Lower Upper

240 100

120 4.1 3.7 5.5

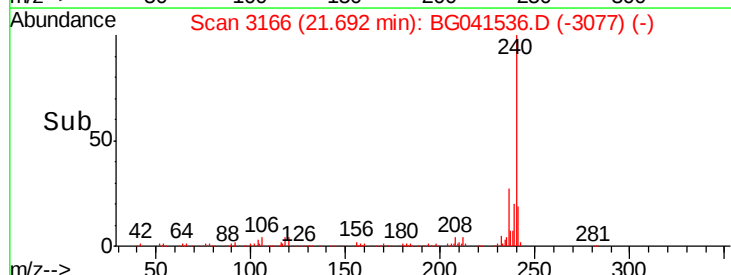
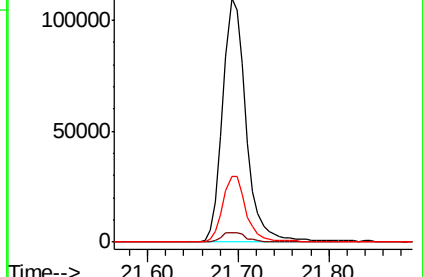
236 26.8 20.8 31.2

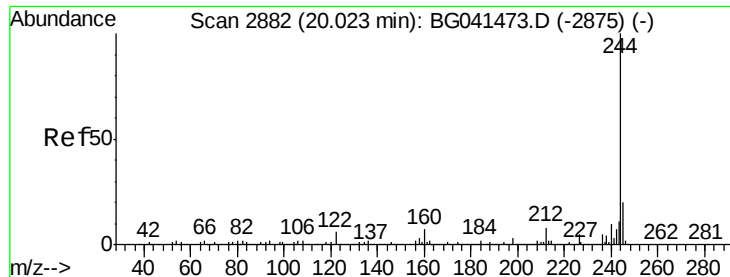


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 112.058 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG041536.D

Acq: 29 Jun 2019 7:12

Instrument :

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ClientSampleId :

SAMPLE-13

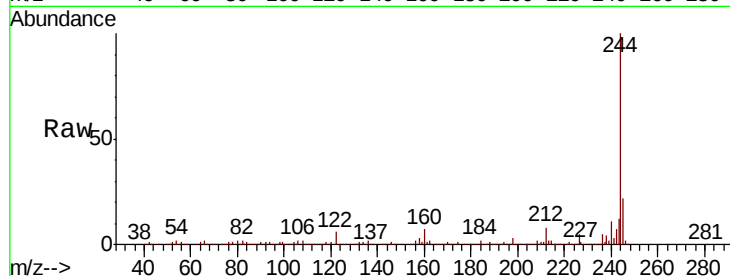
Tgt Ion:244 Resp: 1043658

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

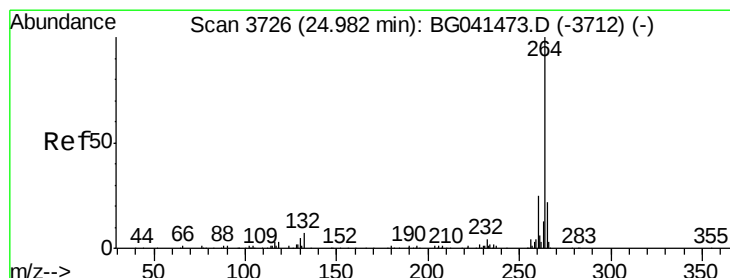
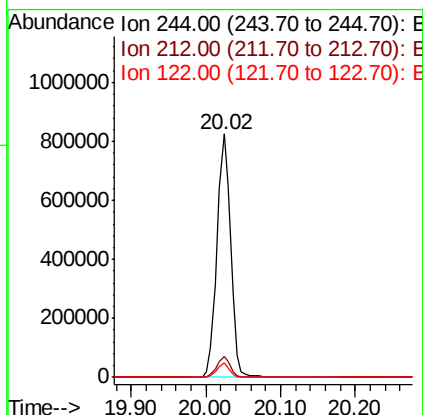
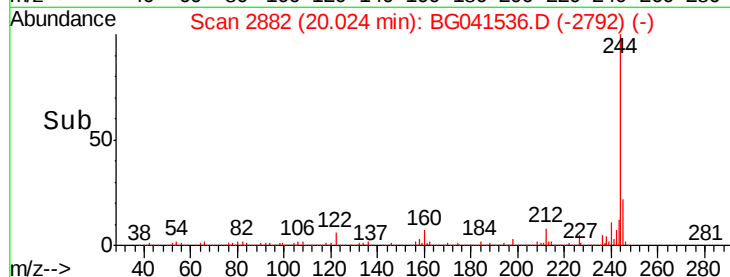
122 6.0 4.8 7.2



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: 24.98 min Scan# 3726

Delta R.T. 0.00 min

Lab File: BG041536.D

Acq: 29 Jun 2019 7:12

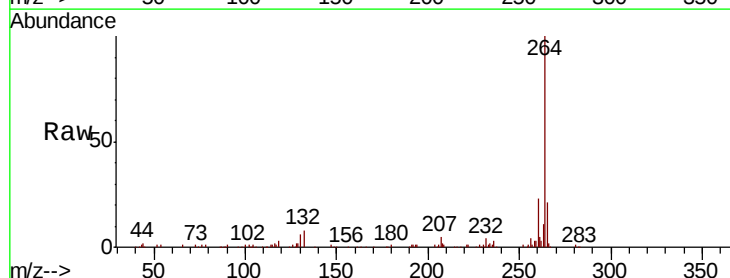
Tgt Ion:264 Resp: 203554

Ion Ratio Lower Upper

264 100

260 23.4 19.7 29.5

265 21.4 17.4 26.2



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

