

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
 Data File : BG041549.D
 Acq On : 29 Jun 2019 16:47
 Operator : HP/JU
 Sample : K3570-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ERM-16R

Quant Time: Jun 30 01:30:01 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	29044	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	98407	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69050	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	180546	20.00	ng	0.00
76) Chrysene-d12	21.70	240	220505	20.00	ng	0.00
87) Perylene-d12	24.98	264	238122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	91835	56.37	ng	0.00
7) Phenol-d6	7.19	99	80709	35.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	212735	90.16	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	157986	134.00	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	503970	93.66	ng	0.00
79) Terphenyl-d14	20.03	244	994080	95.80	ng	0.00

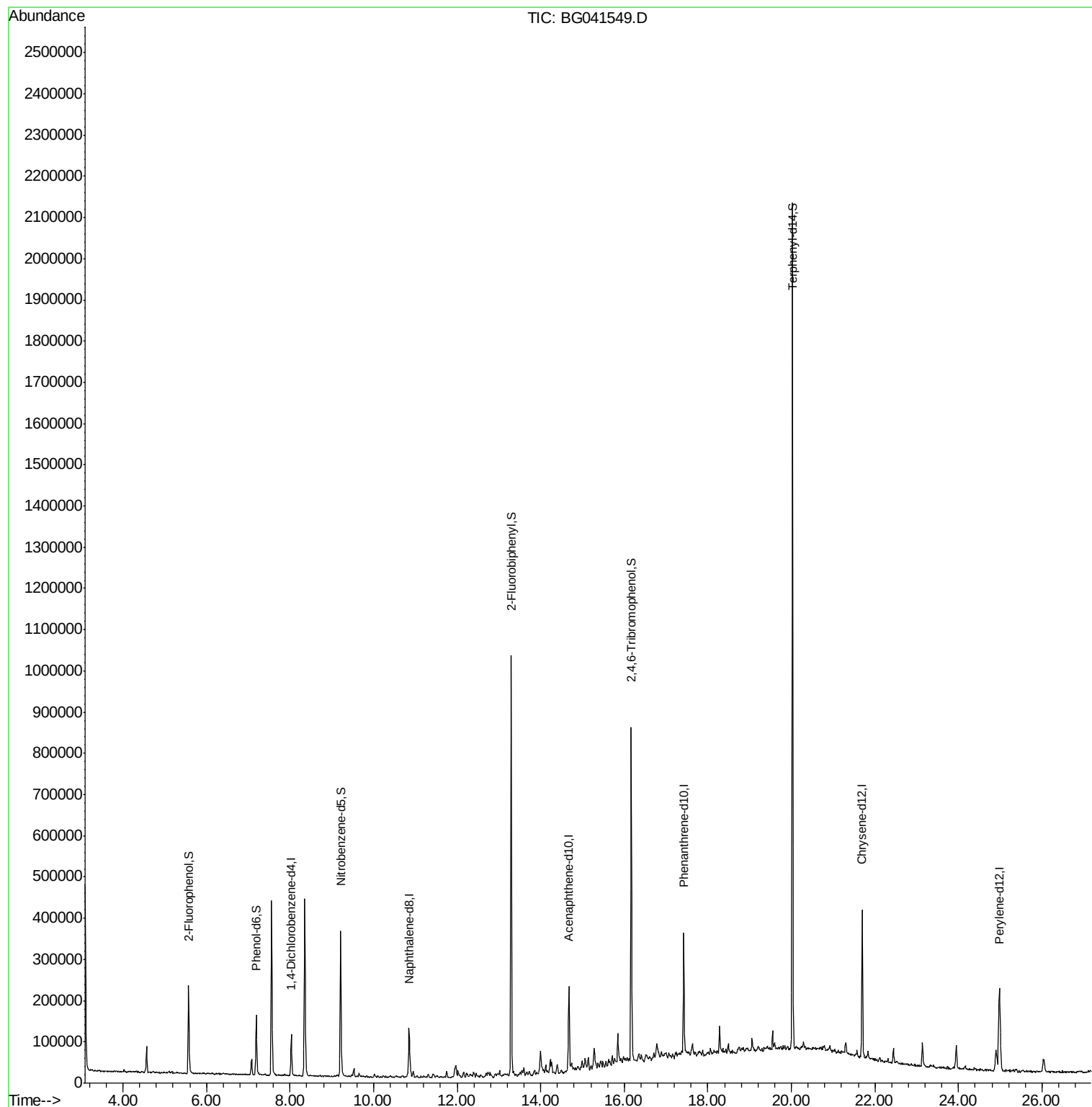
Target Compounds	Qvalue
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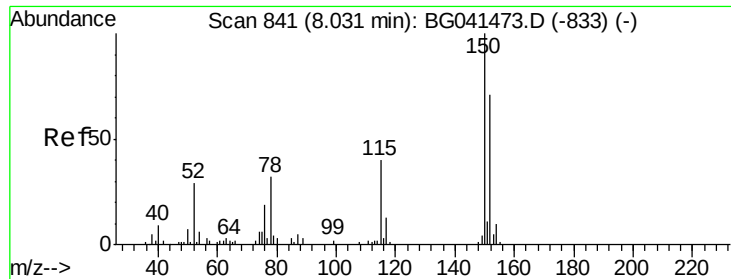
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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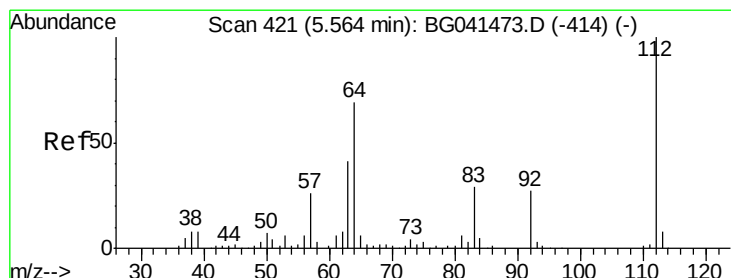
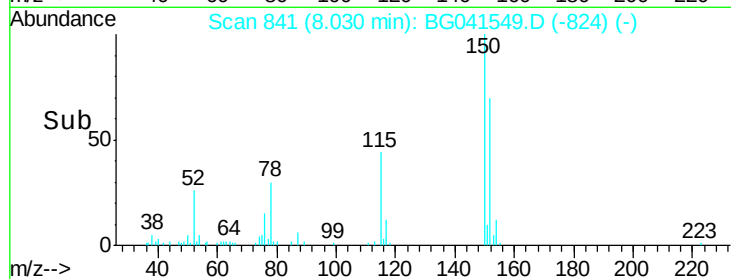
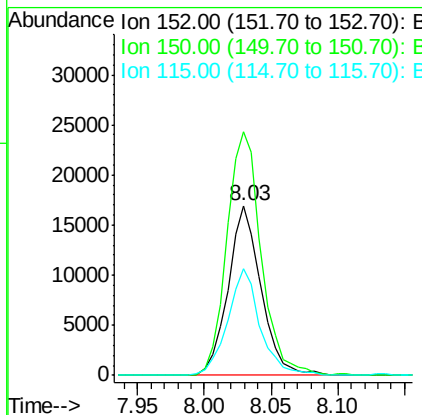
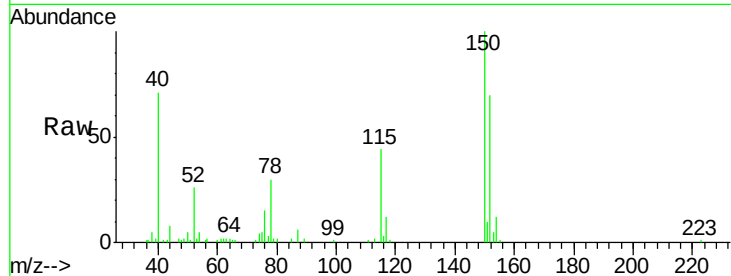


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

Instrument :
BNA_G
ClientSampleId :
ERM-16R

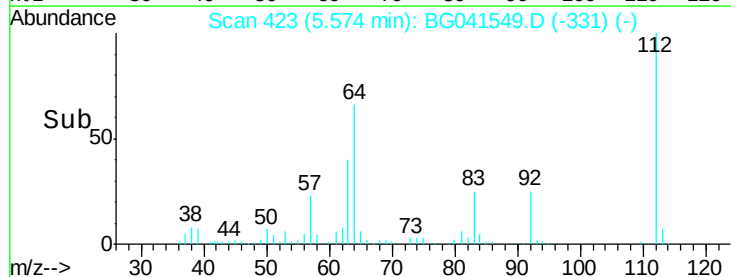
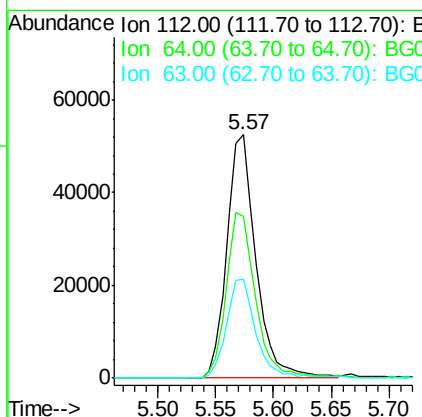
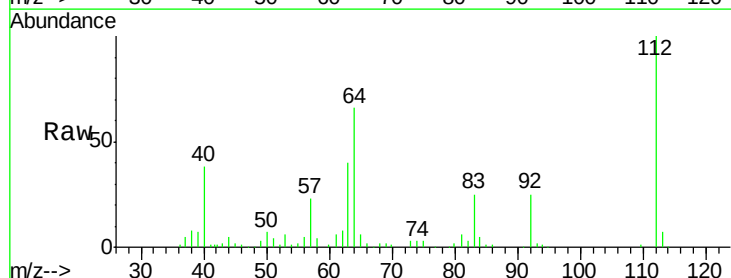
Tgt Ion:152 Resp: 29044
Ion Ratio Lower Upper
152 100
150 143.6 112.4 168.6
115 63.2 44.6 66.8

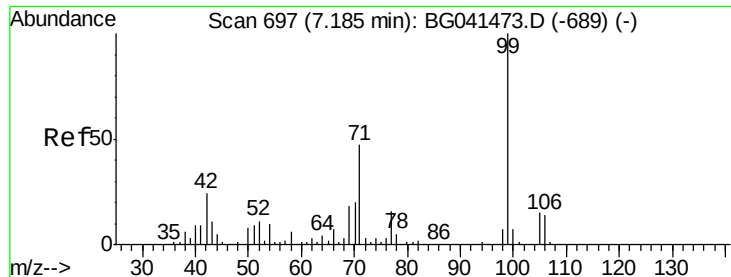


#5

2-Fluorophenol
Concen: 56.372 ng
RT: 5.57 min Scan# 423
Delta R.T. 0.01 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

Tgt Ion:112 Resp: 91835
Ion Ratio Lower Upper
112 100
64 66.4 55.1 82.7
63 40.4 32.4 48.6





#7

Phenol-d6

Concen: 35.193 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041549.D

Acq: 29 Jun 2019 16:47

Instrument :

BNA_G

ClientSampled :

ERM-16R

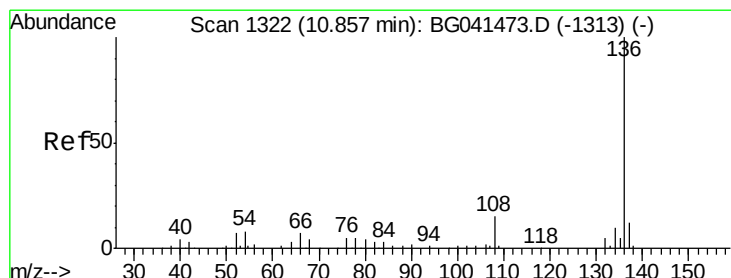
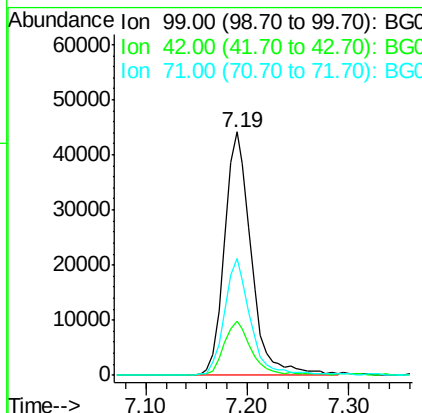
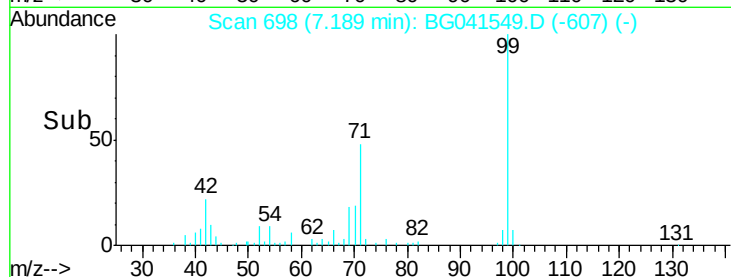
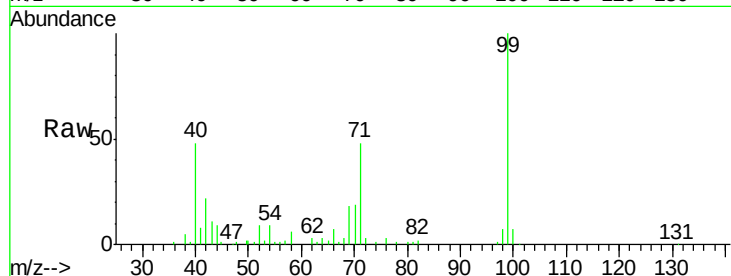
Tgt Ion: 99 Resp: 80709

Ion Ratio Lower Upper

99 100

42 22.4 19.0 28.6

71 48.0 37.4 56.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041549.D

Acq: 29 Jun 2019 16:47

Tgt Ion: 136 Resp: 98407

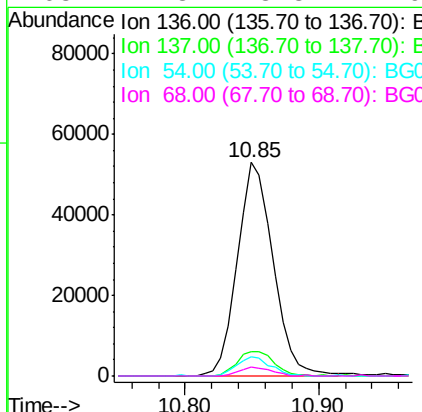
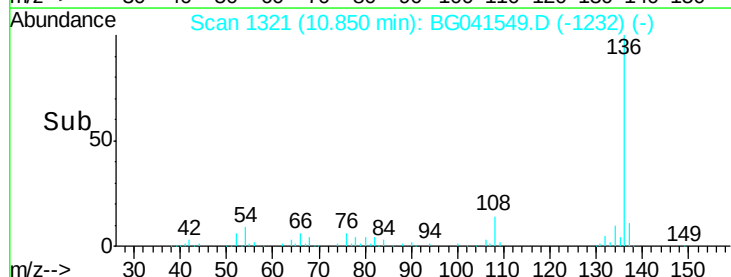
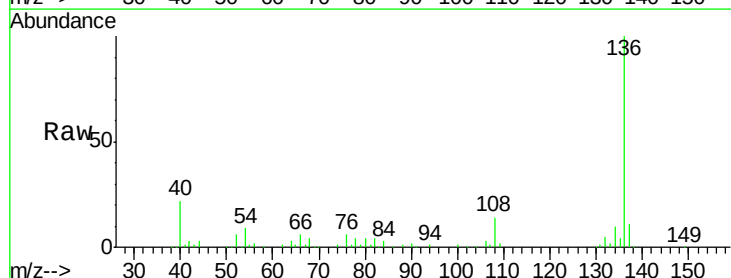
Ion Ratio Lower Upper

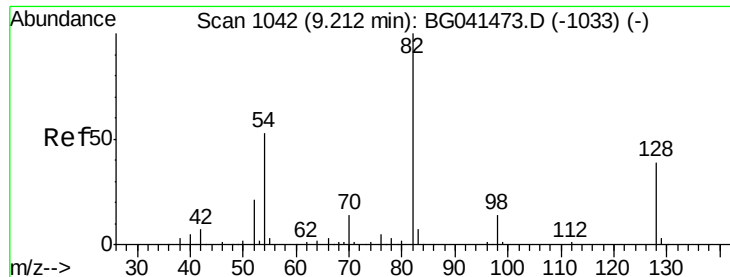
136 100

137 11.2 9.3 13.9

54 9.2 7.1 10.7

68 4.3 3.3 4.9

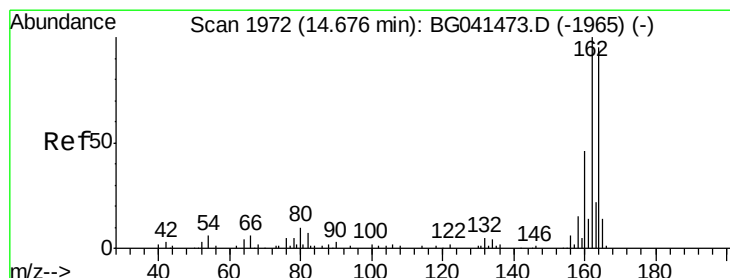
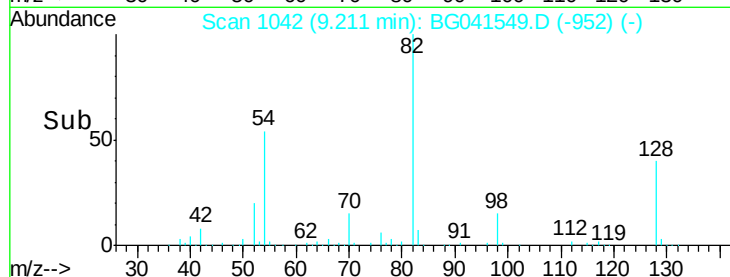
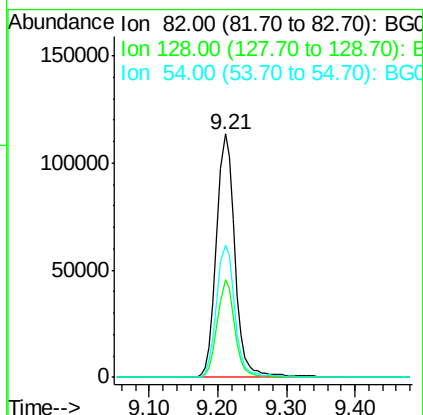
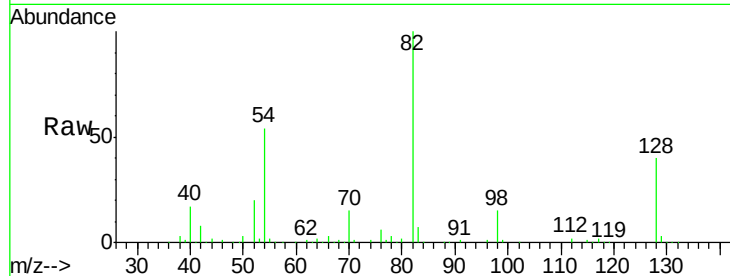




#23
Nitrobenzene-d5
Concen: 90.162 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

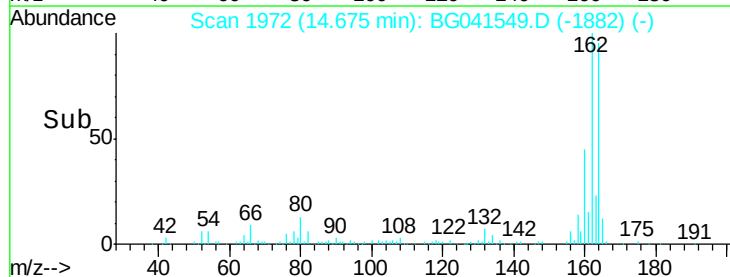
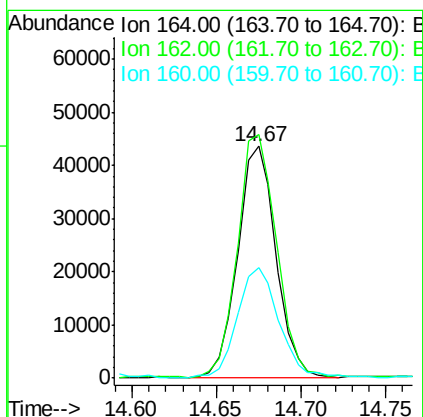
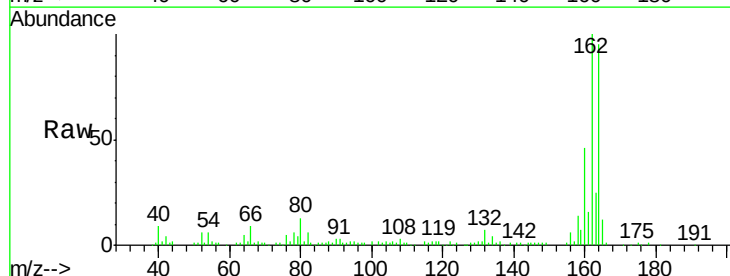
Instrument :
BNA_G
ClientSampled :
ERM-16R

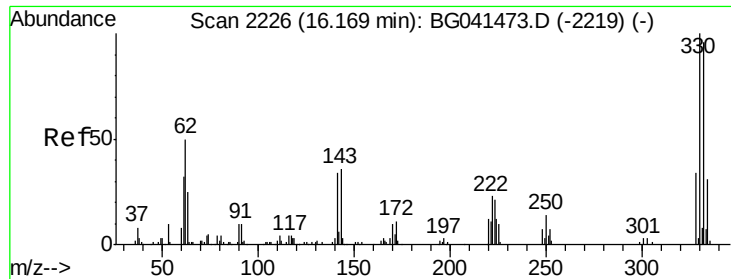
Tgt Ion: 82 Resp: 212735
Ion Ratio Lower Upper
82 100
128 39.9 30.9 46.3
54 54.1 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

Tgt Ion: 164 Resp: 69050
Ion Ratio Lower Upper
164 100
162 105.0 84.4 126.6
160 47.9 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 134.002 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041549.D

Acq: 29 Jun 2019 16:47

Instrument :

BNA_G

ClientSampleId :

ERM-16R

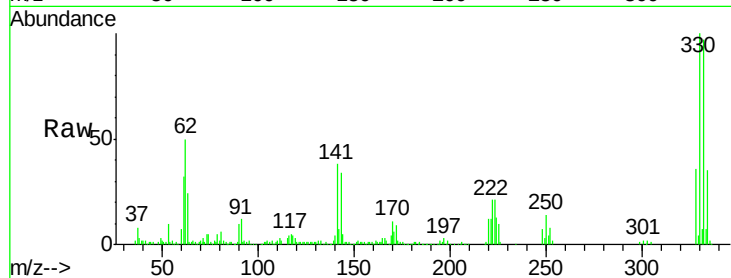
Tgt Ion:330 Resp: 157986

Ion Ratio Lower Upper

330 100

332 95.3 75.5 113.3

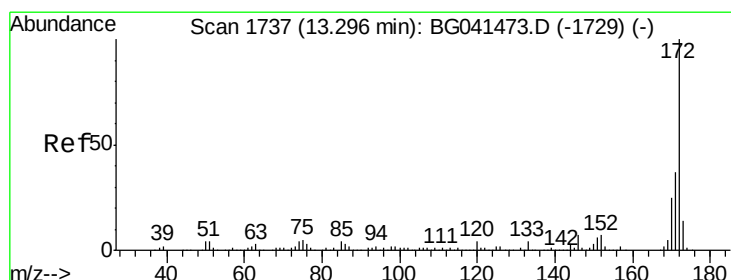
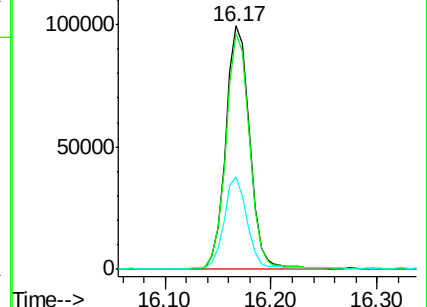
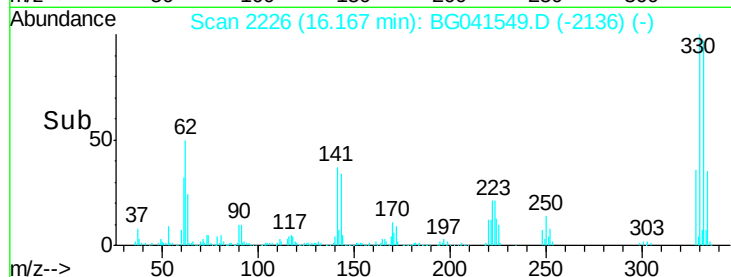
141 36.3 27.8 41.6



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: 93.660 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041549.D

Acq: 29 Jun 2019 16:47

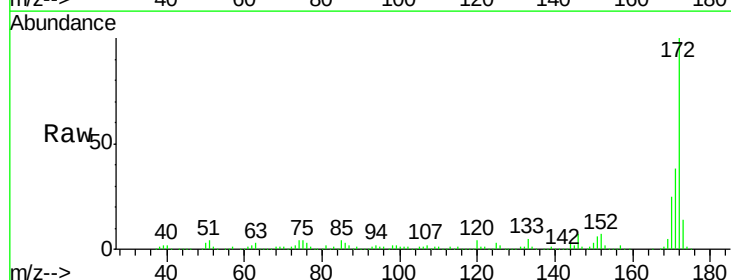
Tgt Ion:172 Resp: 503970

Ion Ratio Lower Upper

172 100

171 37.6 29.6 44.4

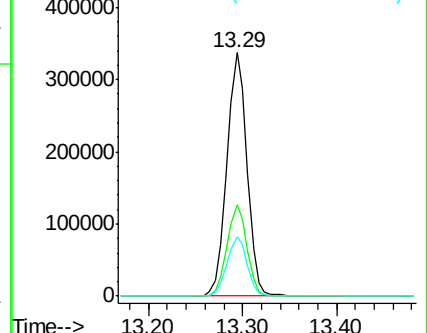
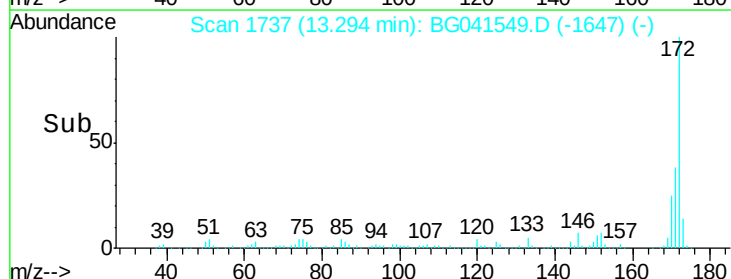
170 24.6 20.0 30.0

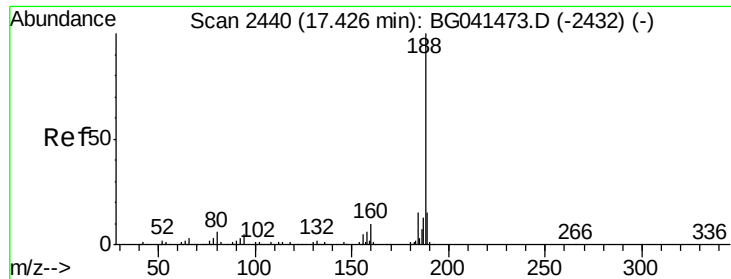


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

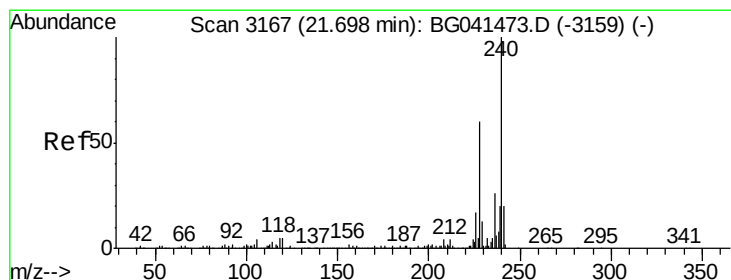
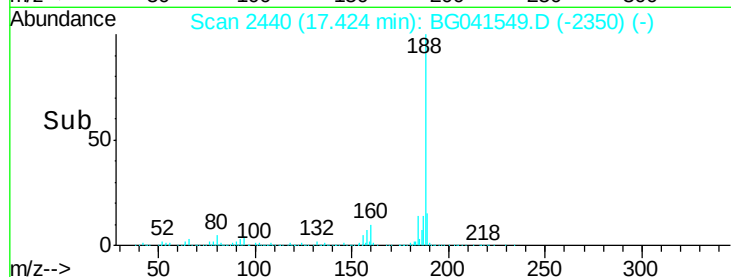
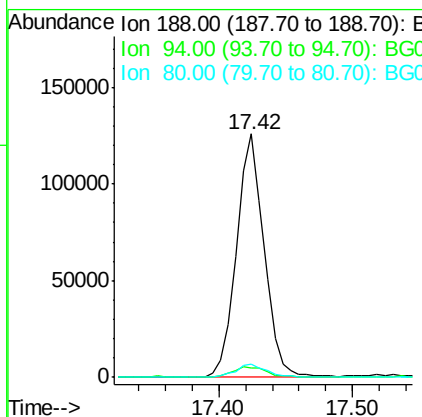
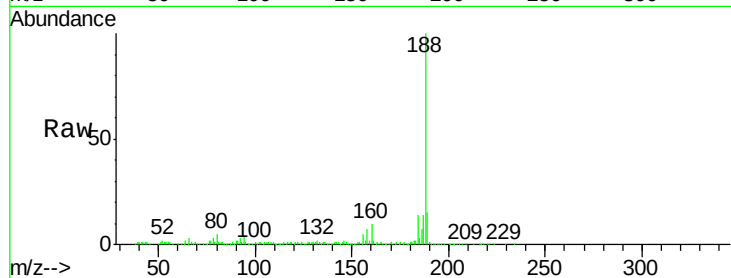




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

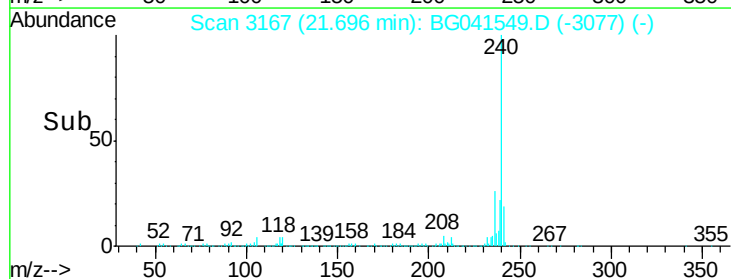
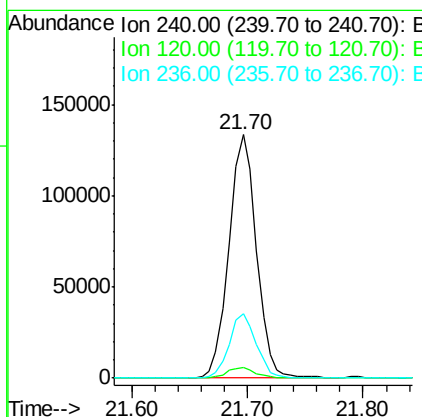
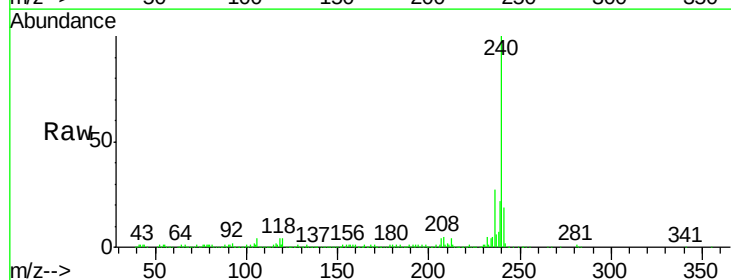
Instrument :
BNA_G
ClientSampleId :
ERM-16R

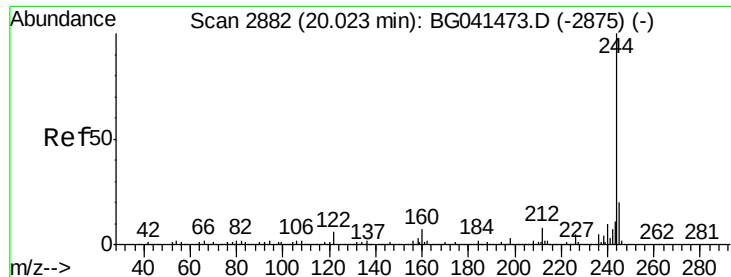
Tgt Ion:188 Resp: 180546
Ion Ratio Lower Upper
188 100
94 4.0 3.8 5.8
80 5.3 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

Tgt Ion:240 Resp: 220505
Ion Ratio Lower Upper
240 100
120 4.2 3.7 5.5
236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 95.803 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041549.D

Acq: 29 Jun 2019 16:47

Instrument :

BNA_G

ClientSampleId :

ERM-16R

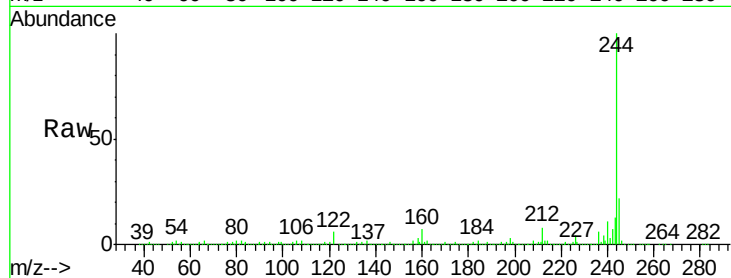
Tgt Ion:244 Resp: 994080

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

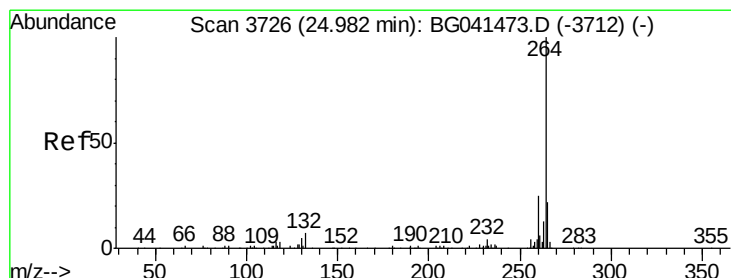
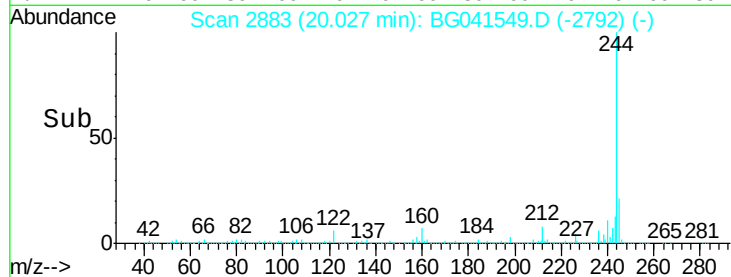
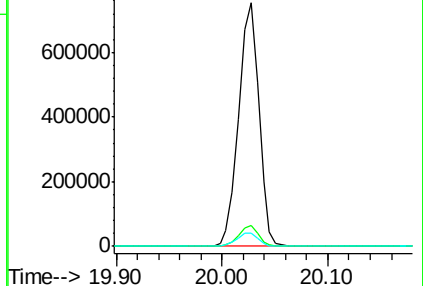
122 5.7 4.8 7.2



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: BG041549.D

Acq: 29 Jun 2019 16:47

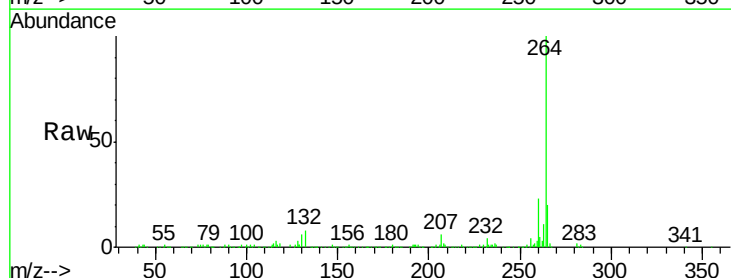
Tgt Ion:264 Resp: 238122

Ion Ratio Lower Upper

264 100

260 22.6 19.7 29.5

265 20.4 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

