

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121718\
 Data File : BG038687.D
 Acq On : 18 Dec 2018 7:32
 Operator : JU/SJ
 Sample : J6403-32
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 11:02:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	20604	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	76941	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	51490	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	135935	20.00	ng	0.00
76) Chrysene-d12	21.72	240	147444	20.00	ng	0.00
87) Perylene-d12	25.02	264	153289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	156925	135.09	ng	0.00
7) Phenol-d6	7.21	99	189642	118.92	ng	0.00
23) Nitrobenzene-d5	9.24	82	151376	100.51	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	105394	148.52	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	352492	93.91	ng	0.00
79) Terphenyl-d14	20.05	244	719643	106.22	ng	0.00

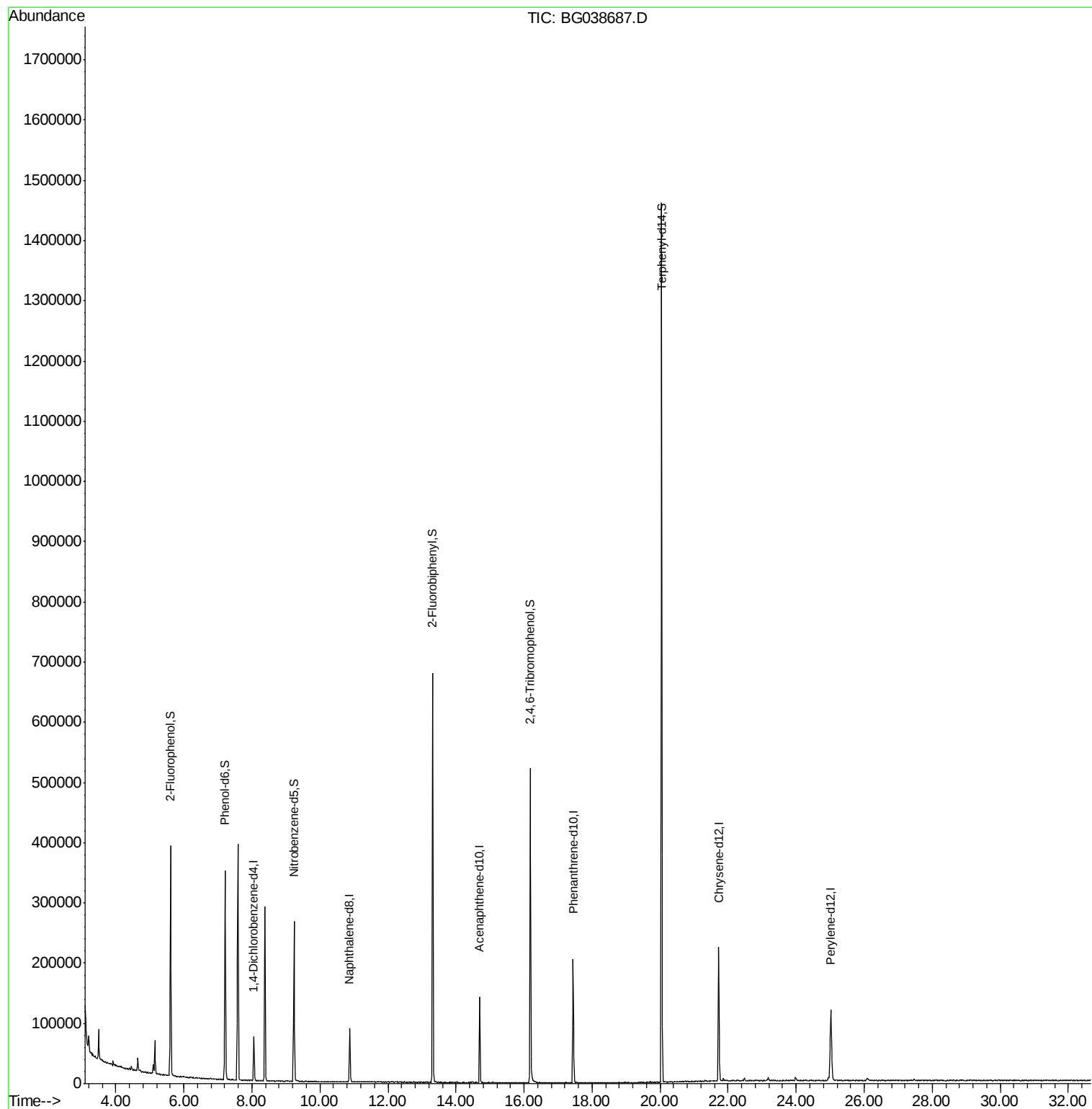
Target Compounds Qvalue

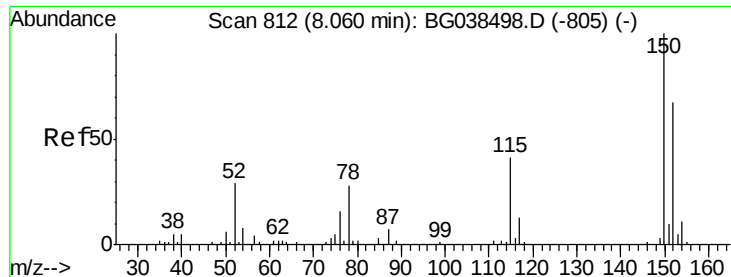
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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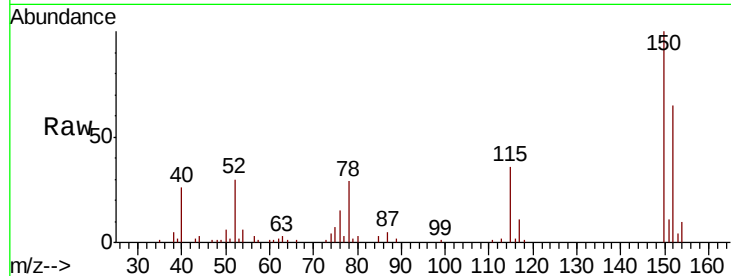


#1

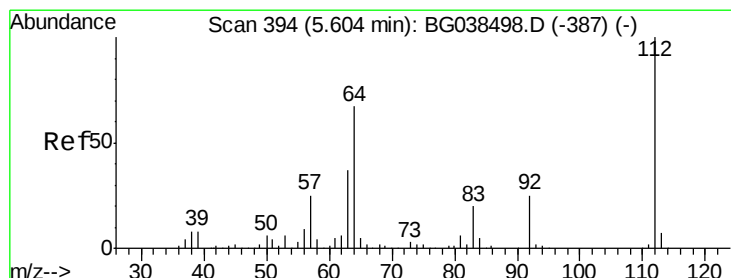
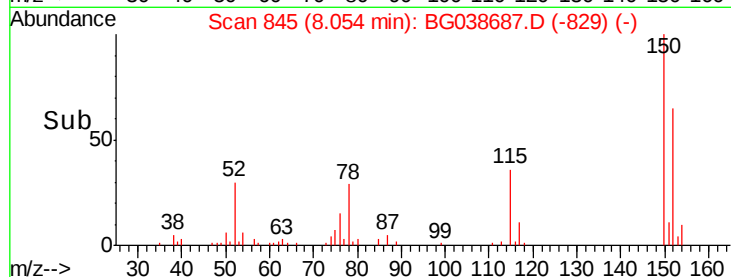
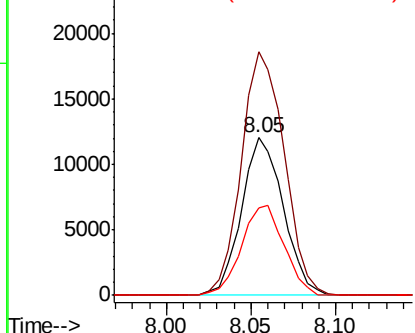
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038687.D
Acq: 18 Dec 2018 7:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 20604
Ion Ratio Lower Upper
152 100
150 154.7 119.5 179.3
115 55.8 49.6 74.4



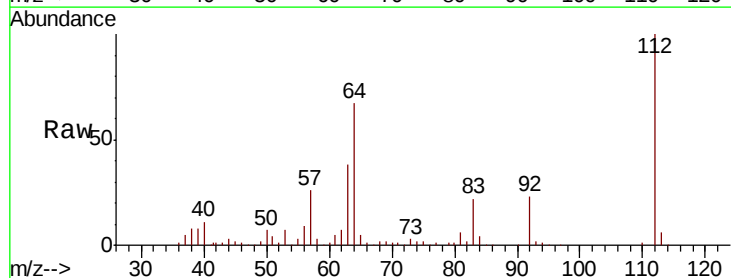
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



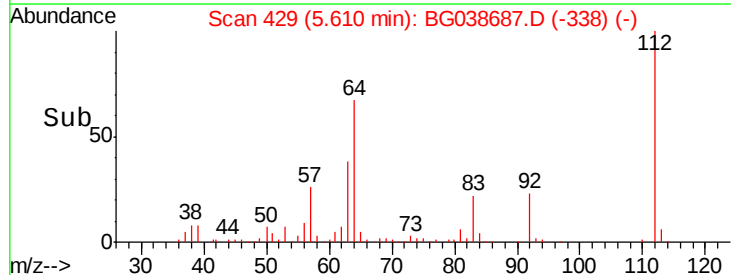
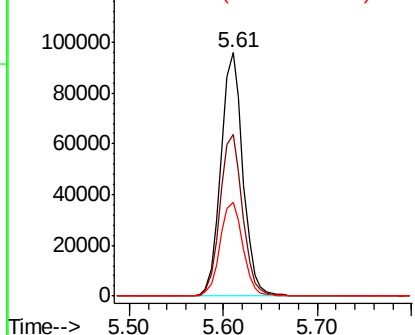
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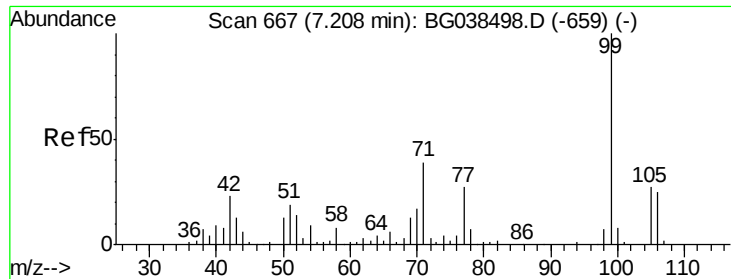
2-Fluorophenol
Concen: 135.086 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038687.D
Acq: 18 Dec 2018 7:32

Tgt Ion:112 Resp: 156925
Ion Ratio Lower Upper
112 100
64 66.7 53.4 80.2
63 38.5 29.3 43.9



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: 118.916 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038687.D

Acq: 18 Dec 2018 7:32

Instrument :

BNA_F

ClientSampleId :

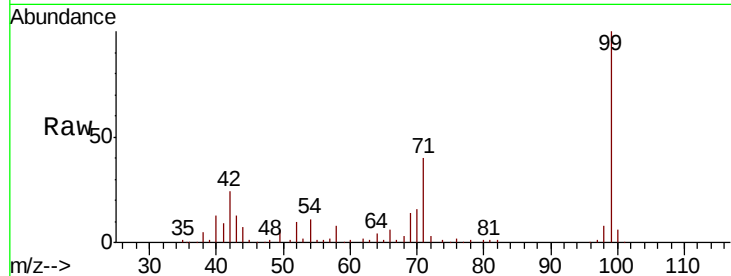
Tot Ion: 99 Resp: 189642

Ion Ratio Lower Upper

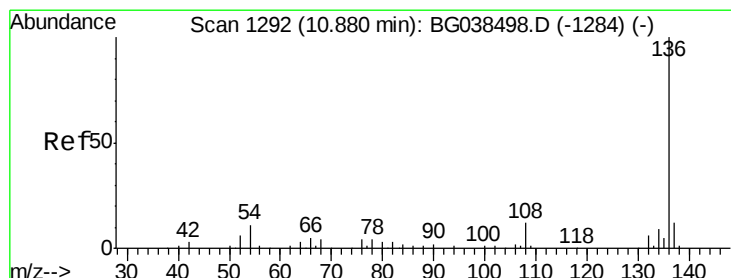
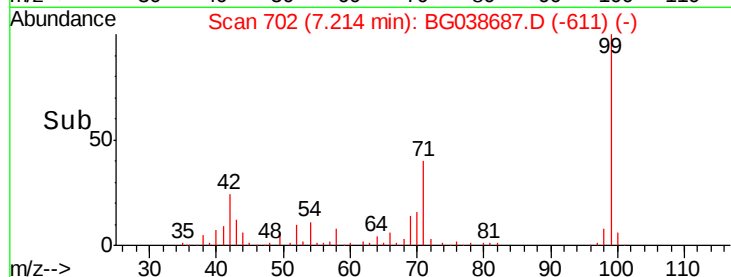
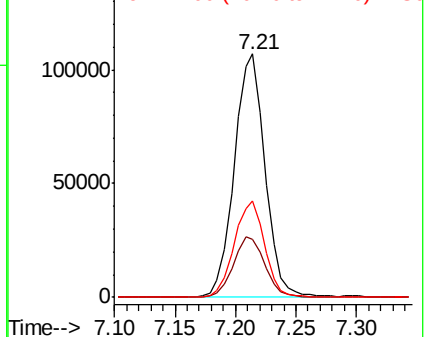
99 100

42 24.1 18.5 27.7

71 39.5 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038687.D

Acq: 18 Dec 2018 7:32

Tgt Ion: 136 Resp: 76941

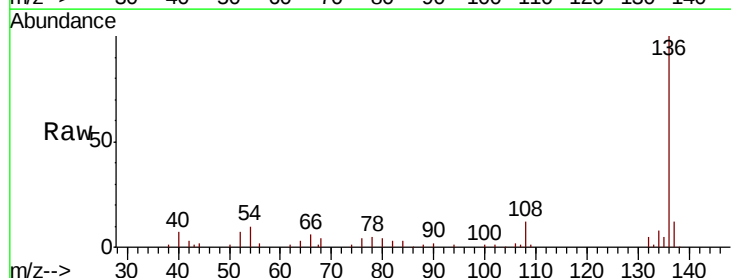
Ion Ratio Lower Upper

136 100

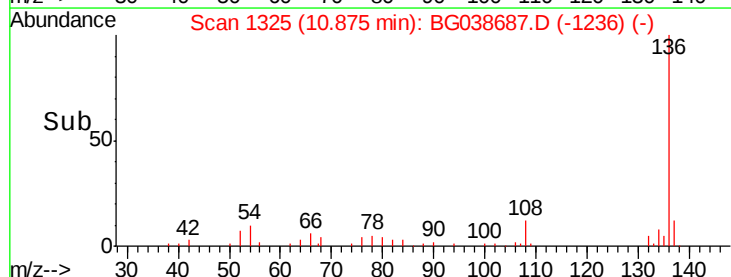
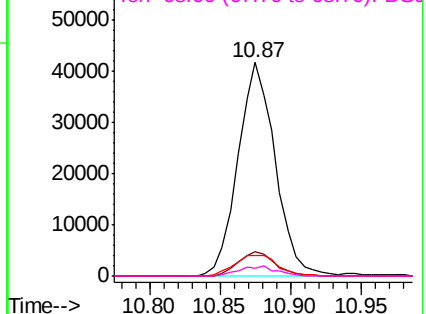
137 11.6 9.3 13.9

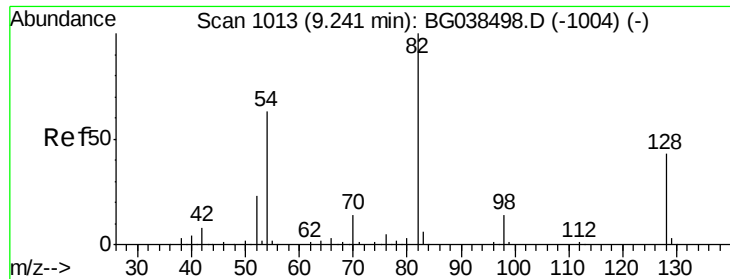
54 9.7 8.5 12.7

68 3.9 3.5 5.3



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

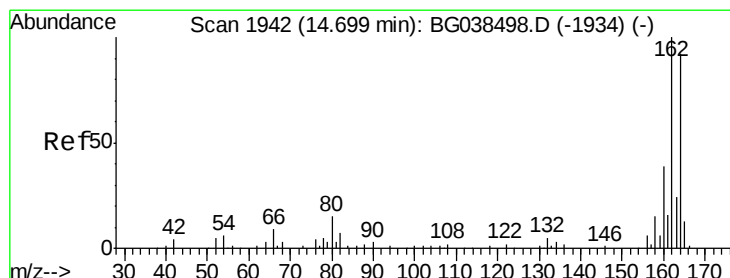
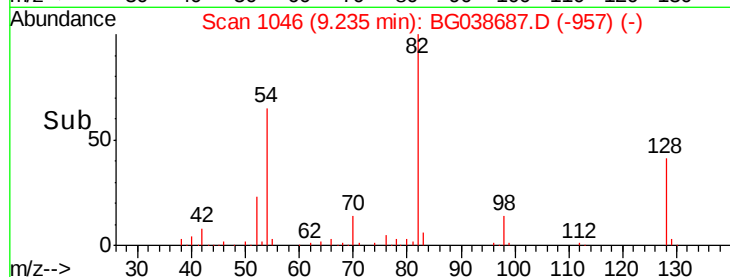
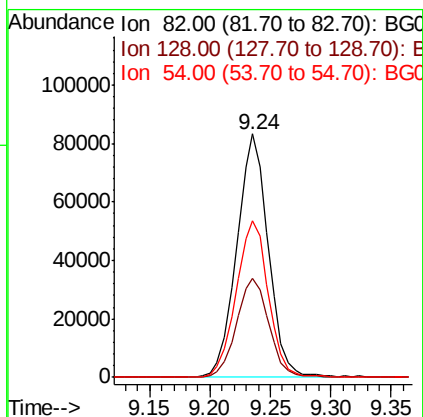
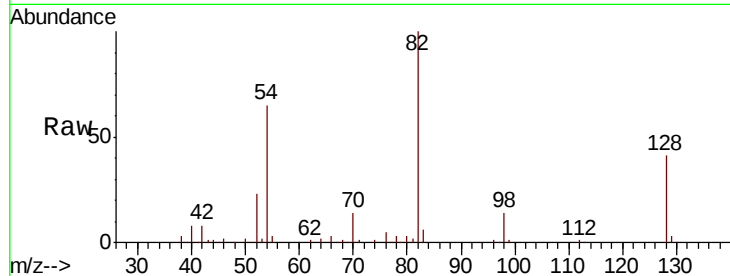




#23
 Nitrobenzene-d5
 Concen: 100.510 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038687.D
 Acq: 18 Dec 2018 7:32

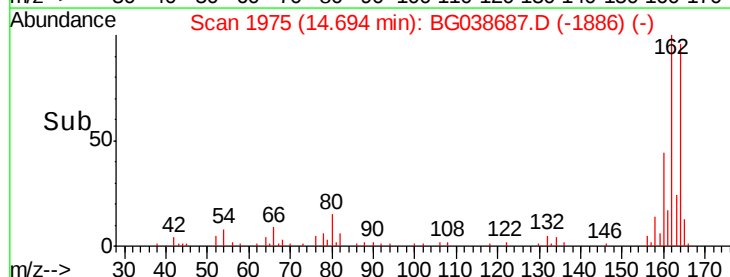
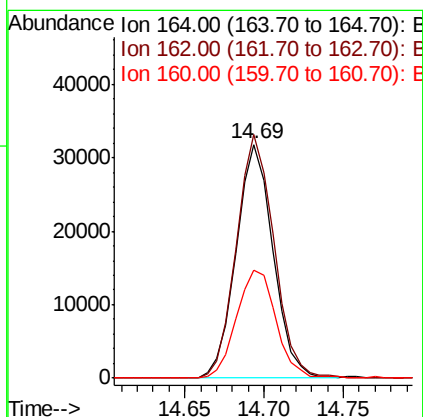
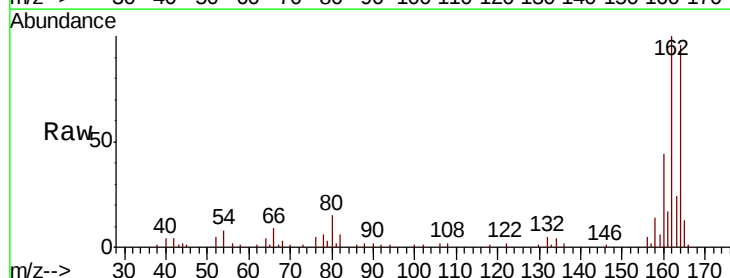
Instrument :
 BNA_F
 ClientSampleId :

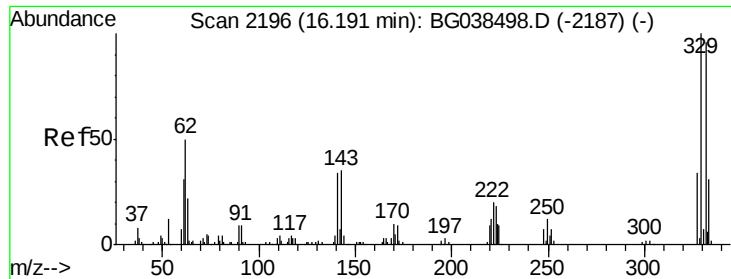
Tot Ion: 82 Resp: 151376
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.6 52.0
 54 64.5 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038687.D
 Acq: 18 Dec 2018 7:32

Tgt Ion:164 Resp: 51490
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.6 130.0
 160 46.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 148.521 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038687.D

Acq: 18 Dec 2018 7:32

Instrument :

BNA_F

ClientSampled :

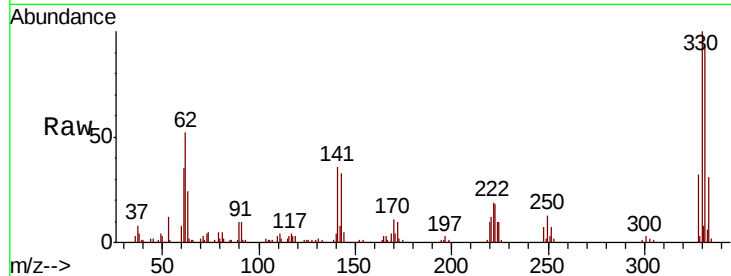
Tot Ion:330 Resp: 105394

Ion Ratio Lower Upper

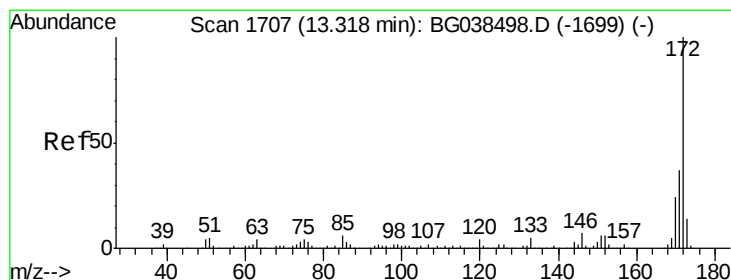
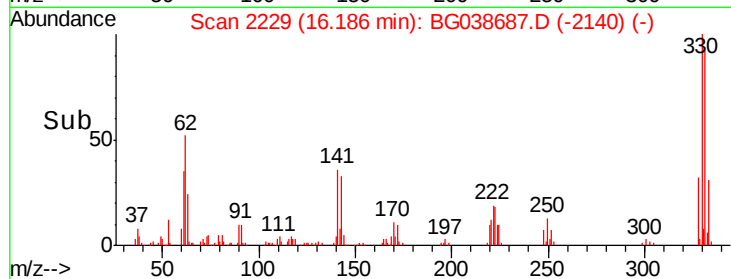
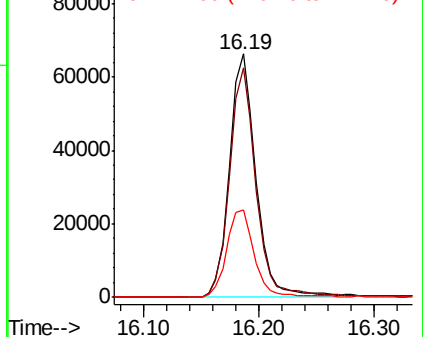
330 100

332 95.0 76.9 115.3

141 37.7 28.8 43.2



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: 93.914 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038687.D

Acq: 18 Dec 2018 7:32

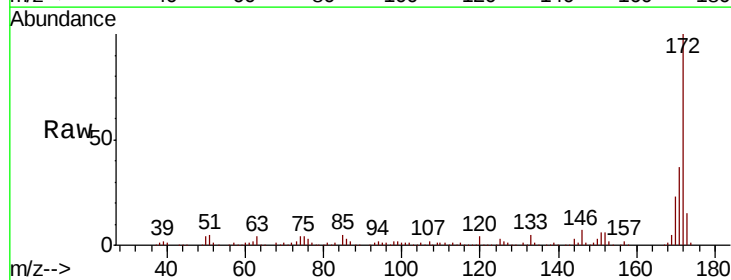
Tgt Ion:172 Resp: 352492

Ion Ratio Lower Upper

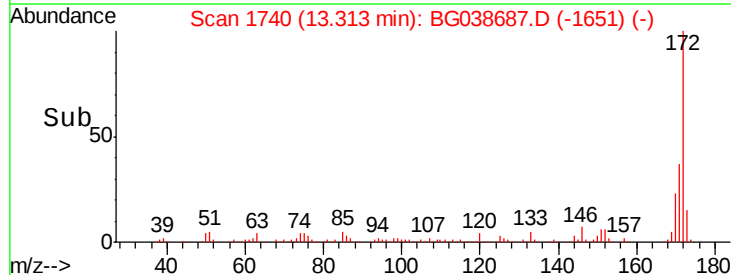
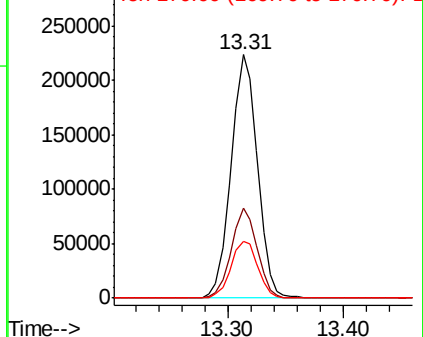
172 100

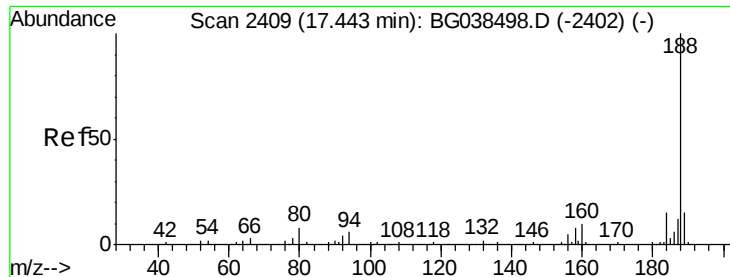
171 37.0 29.8 44.6

170 23.4 19.5 29.3



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

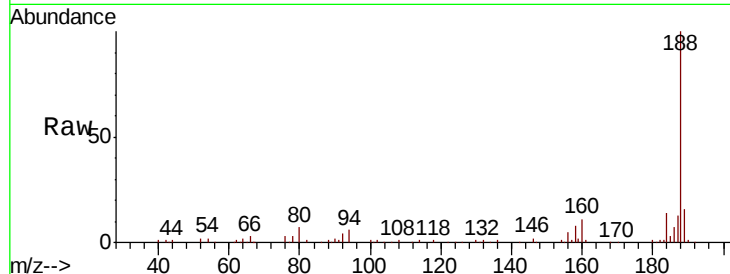




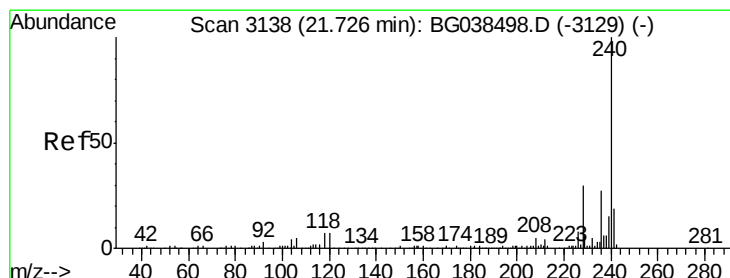
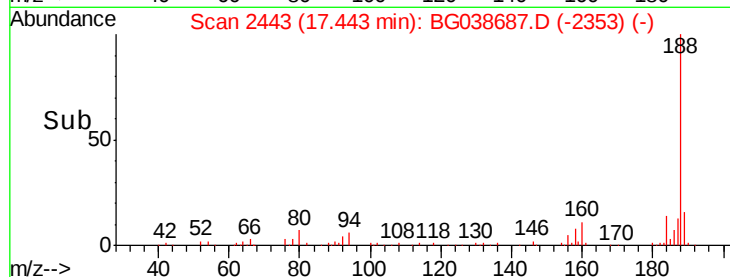
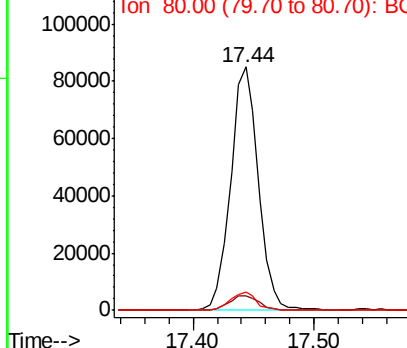
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038687.D
Acq: 18 Dec 2018 7:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 135935
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 7.4 6.1 9.1

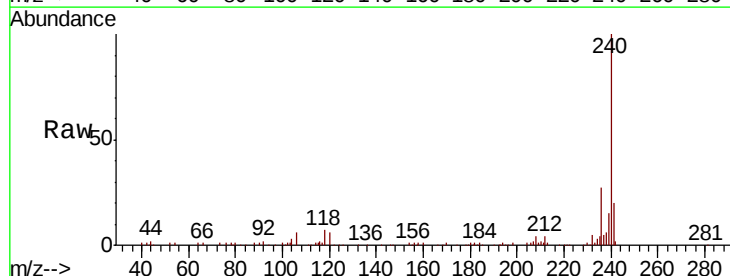


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

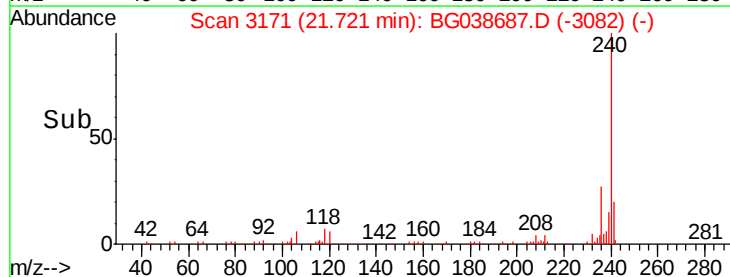
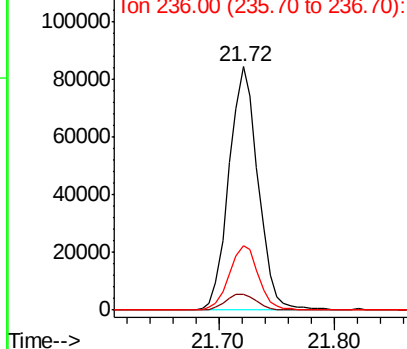


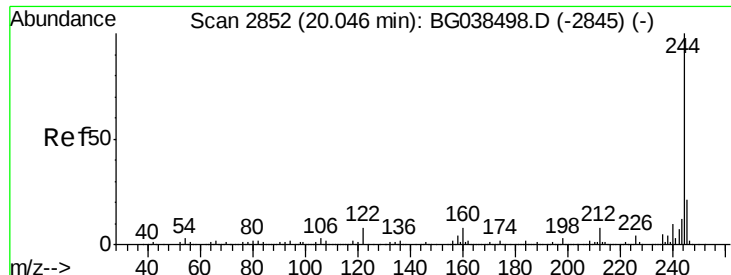
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038687.D
Acq: 18 Dec 2018 7:32

Tgt Ion:240 Resp: 147444
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 26.7 21.4 32.2



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: 106.222 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038687.D

Acq: 18 Dec 2018 7:32

Instrument :

BNA_F

ClientSampleId :

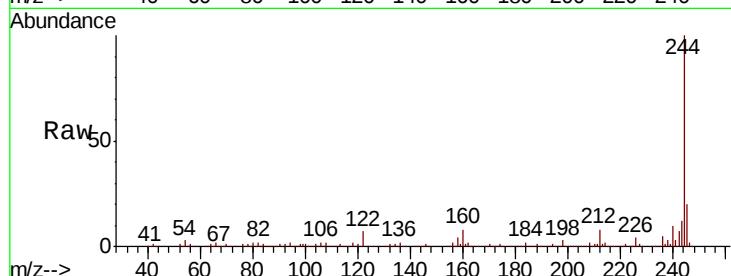
Tot Ion:244 Resp: 719643

Ion Ratio Lower Upper

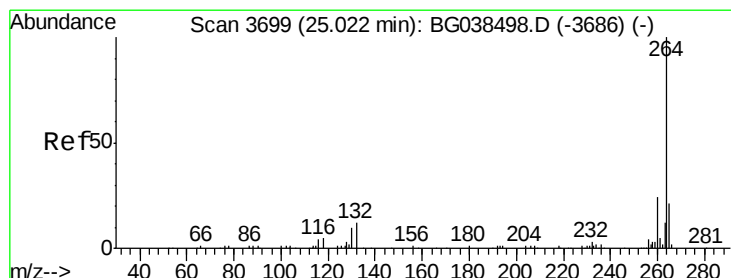
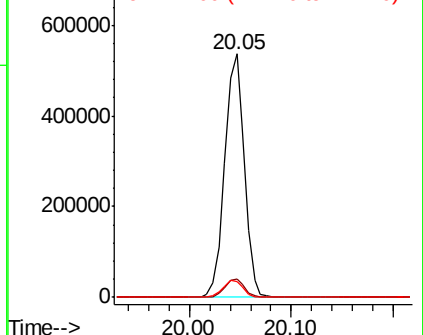
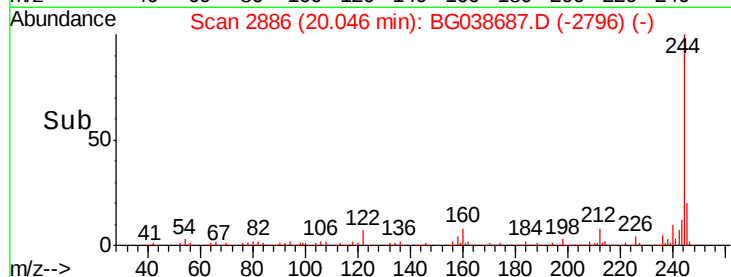
244 100

212 7.7 6.2 9.2

122 6.6 6.3 9.5



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: 25.02 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BG038687.D

Acq: 18 Dec 2018 7:32

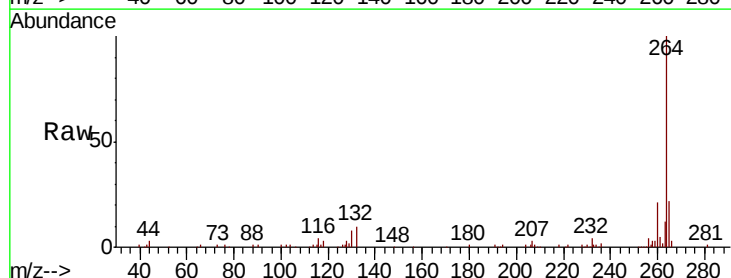
Tgt Ion:264 Resp: 153289

Ion Ratio Lower Upper

264 100

260 20.7 18.9 28.3

265 21.8 17.0 25.4



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

