

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045934.D
 Acq On : 3 Jul 2020 5:27
 Operator : CG/JU
 Sample : L3197-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMP

Quant Time: Jul 04 00:22:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	47308	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	171389	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	116045	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	276510	20.00	ng	0.00
76) Chrysene-d12	21.51	240	316014	20.00	ng	-0.01
86) Perylene-d12	24.59	264	318971	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	347079	123.93	ng	0.00
7) Phenol-d6	7.06	99	439733	103.23	ng	-0.01
23) Nitrobenzene-d5	9.01	82	392145	104.53	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	252843	144.32	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	848501	107.45	ng	0.00
79) Terphenyl-d14	19.88	244	1645342	105.52	ng	0.00

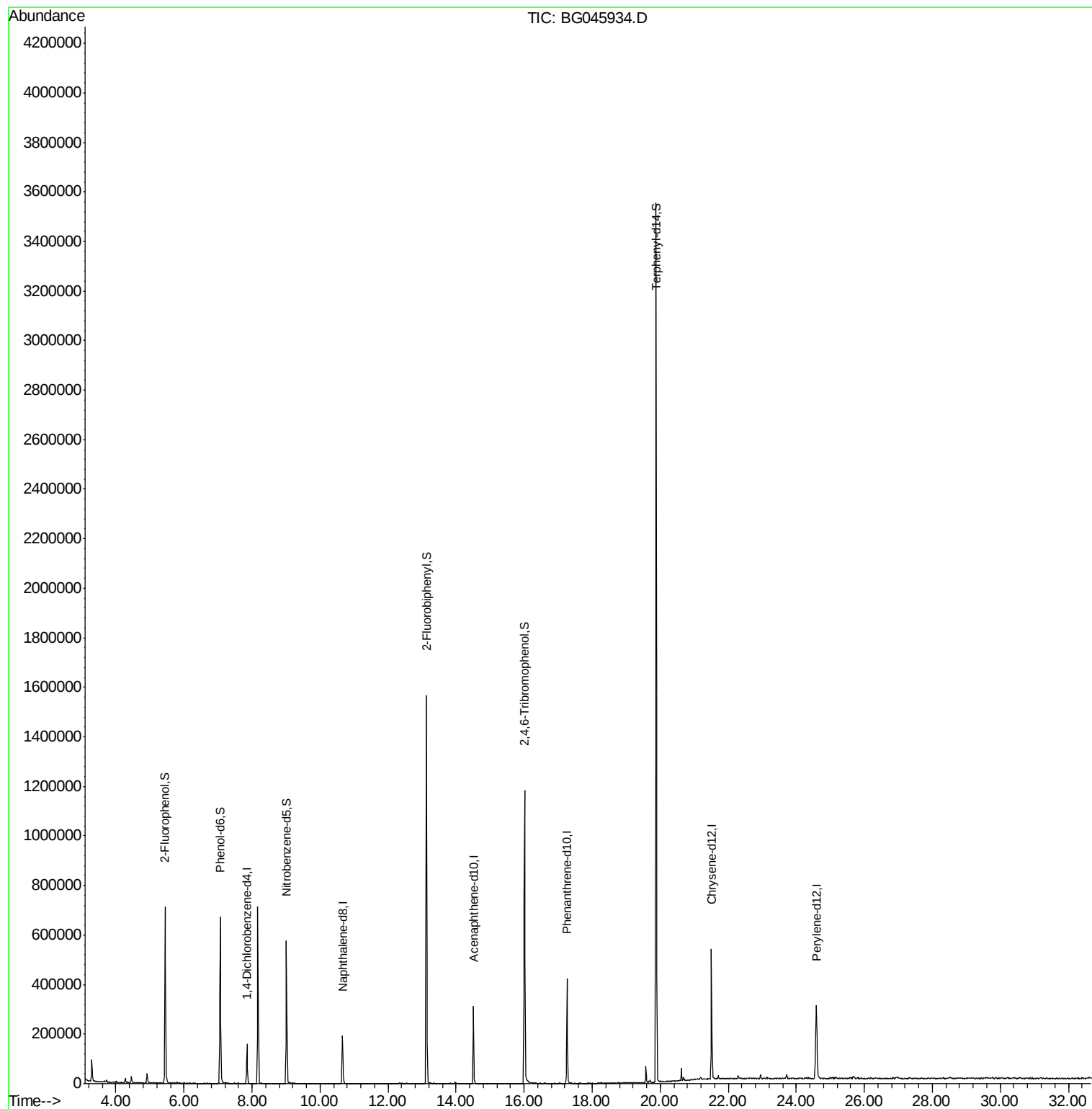
Target Compounds Qvalue

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

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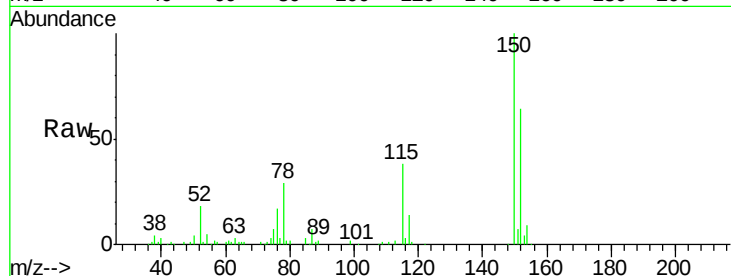


#1

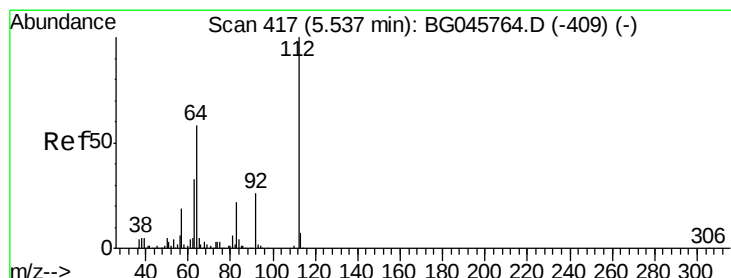
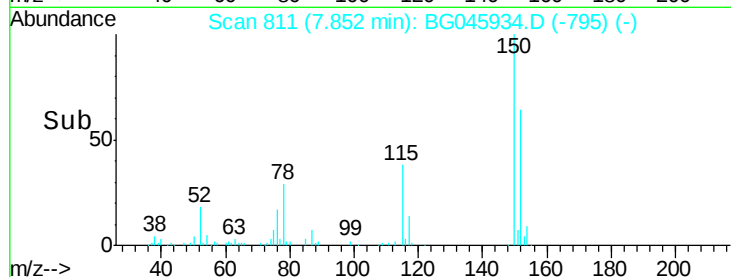
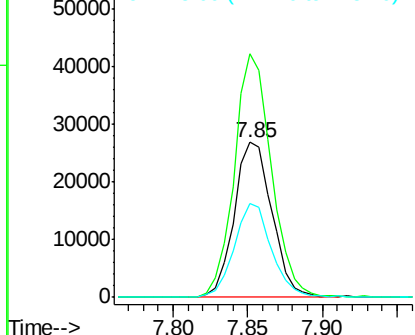
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045934.D
Acq: 3 Jul 2020 5:27

Instrument :
BNA_G
ClientSampled :
MH-1-COMP

Tot Ion:152 Resp: 47308
Ion Ratio Lower Upper
152 100
150 157.3 124.5 186.7
115 60.4 45.8 68.8



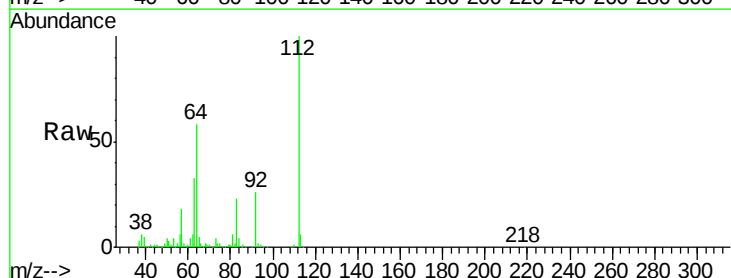
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



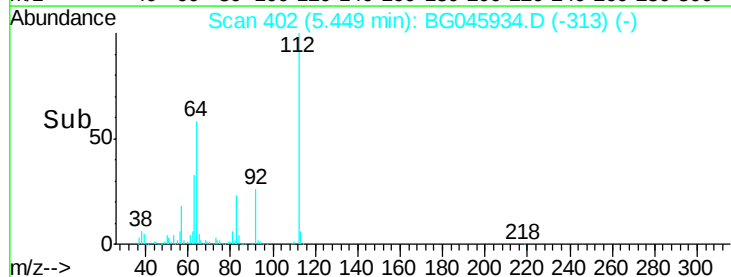
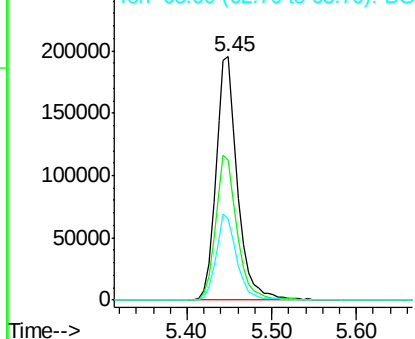
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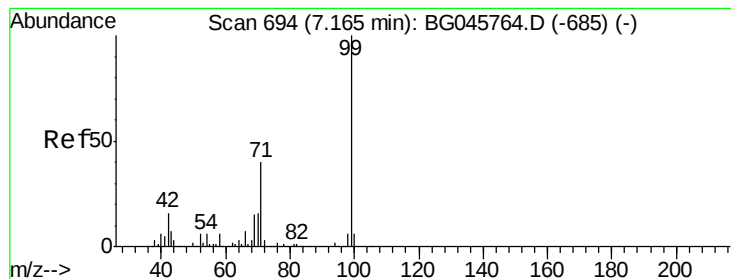
2-Fluorophenol
Concen: 123.932 ng
RT: 5.45 min Scan# 402
Delta R.T. -0.01 min
Lab File: BG045934.D
Acq: 3 Jul 2020 5:27

Tgt Ion:112 Resp: 347079
Ion Ratio Lower Upper
112 100
64 57.7 44.9 67.3
63 33.4 26.9 40.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.226 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045934.D

Acq: 3 Jul 2020 5:27

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP

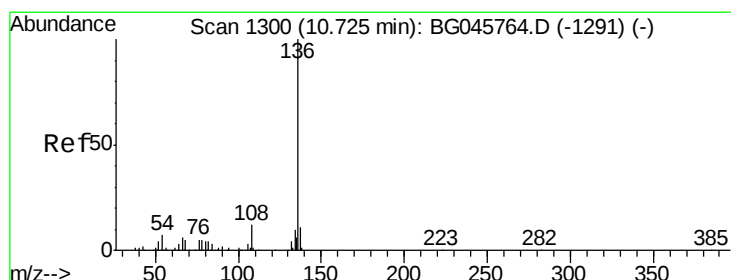
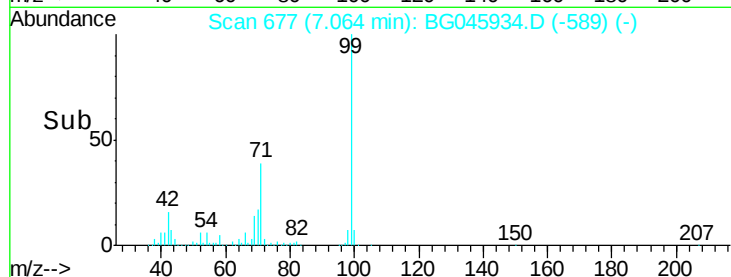
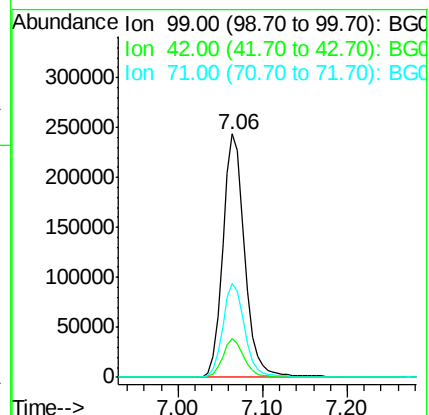
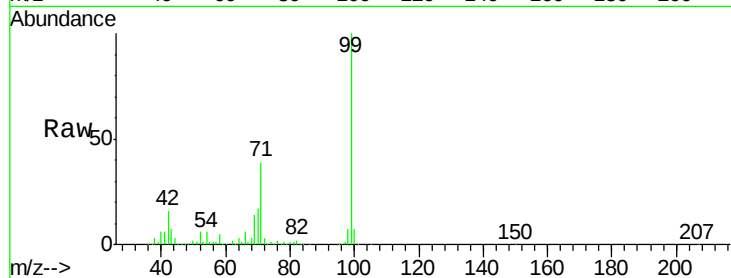
Tot Ion: 99 Resp: 439733

Ion Ratio Lower Upper

99 100

42 15.9 11.8 17.8

71 38.6 31.0 46.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG045934.D

Acq: 3 Jul 2020 5:27

Tgt Ion: 136 Resp: 171389

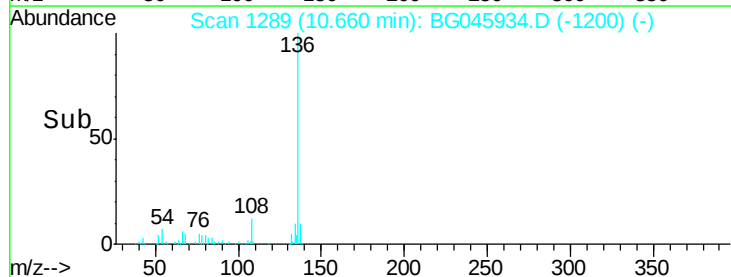
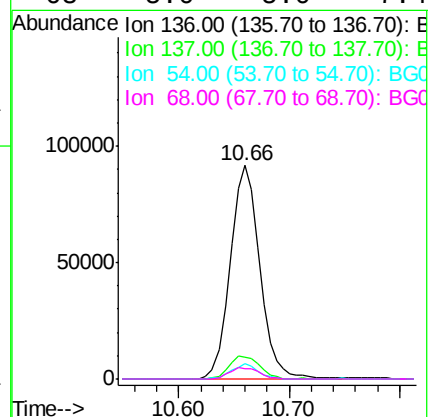
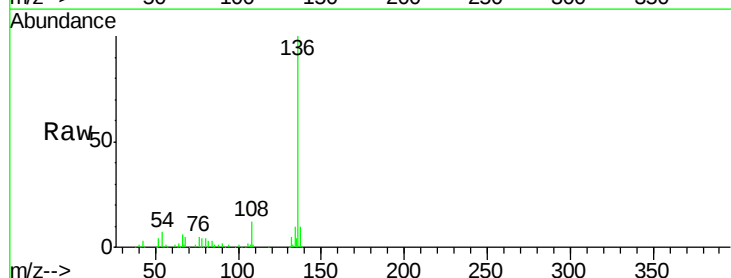
Ion Ratio Lower Upper

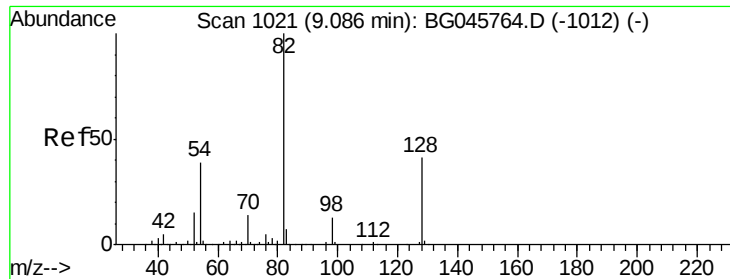
136 100

137 10.3 8.2 12.4

54 6.9 4.6 7.0

68 5.0 5.0 7.4

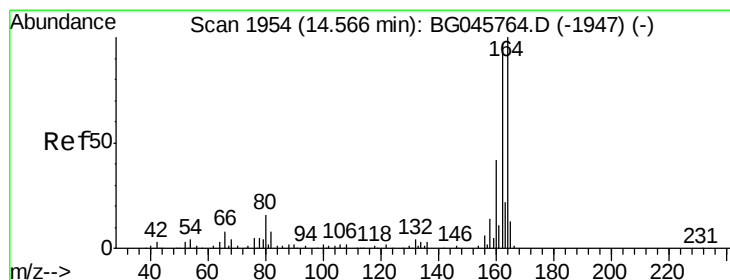
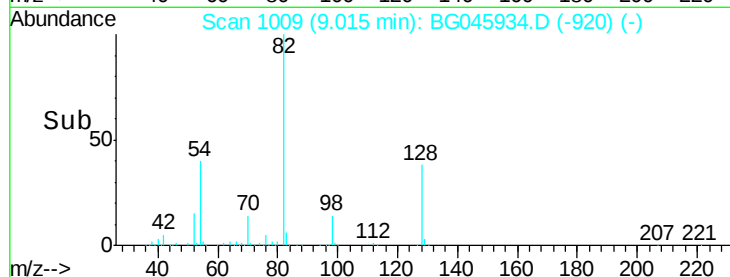
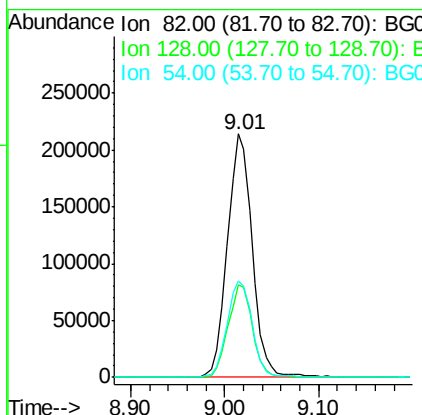
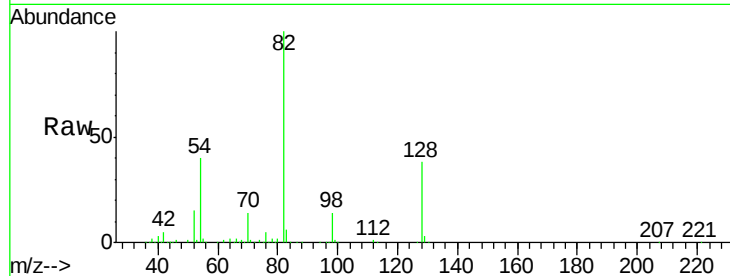




#23
 Nitrobenzene-d5
 Concen: 104.526 ng
 RT: 9.01 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG045934.D
 Acq: 3 Jul 2020 5:27

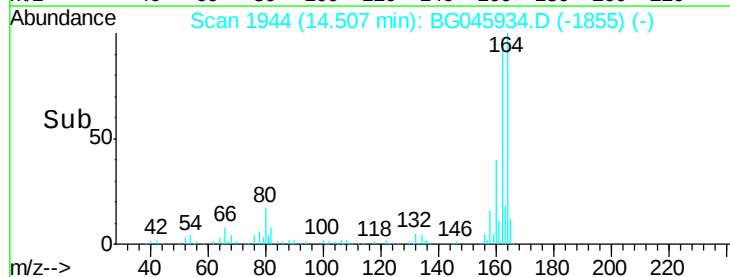
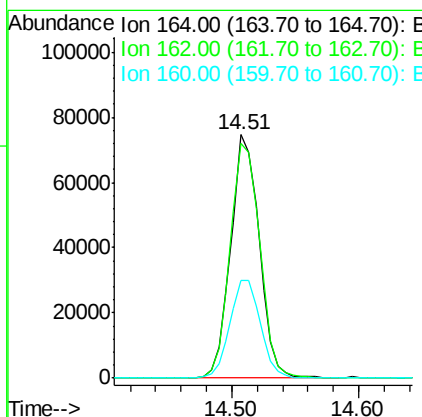
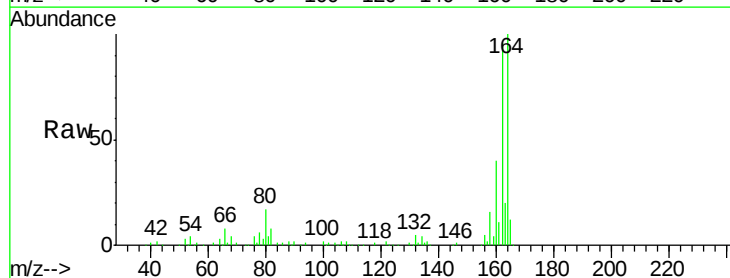
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMP

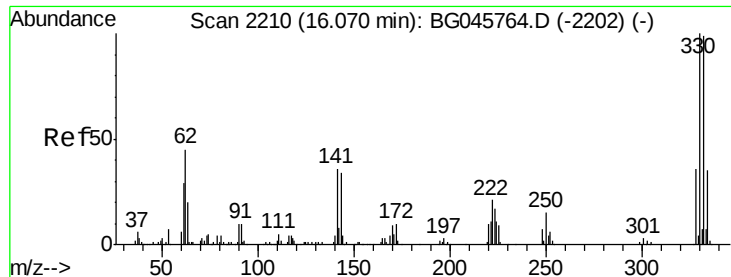
Tot Ion: 82 Resp: 392145
 Ion Ratio Lower Upper
 82 100
 128 38.2 29.9 44.9
 54 39.6 33.3 49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG045934.D
 Acq: 3 Jul 2020 5:27

Tgt Ion: 164 Resp: 116045
 Ion Ratio Lower Upper
 164 100
 162 96.4 78.8 118.2
 160 39.9 33.8 50.6

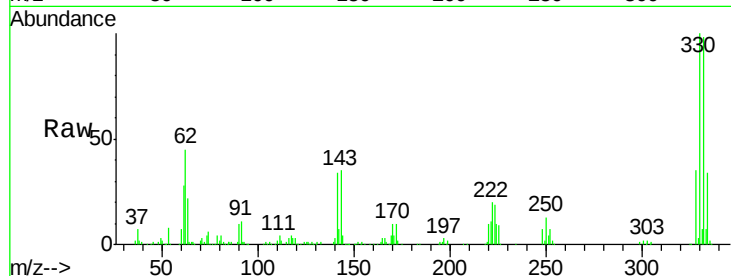




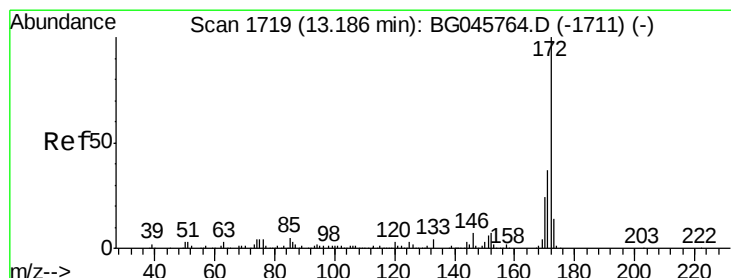
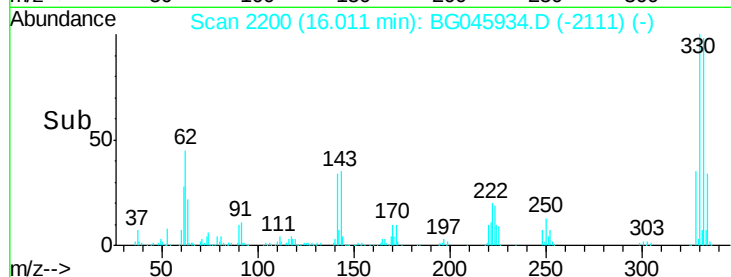
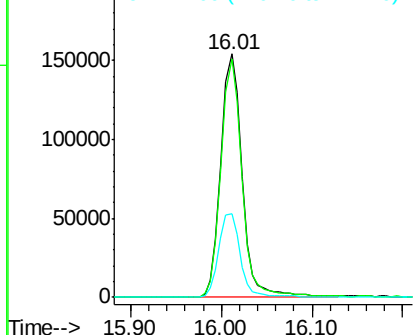
#42
 2,4,6-Tribromophenol
 Concen: 144.319 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG045934.D
 Acq: 3 Jul 2020 5:27

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMP

Tot Ion:330 Resp: 252843
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.4 119.0
 141 35.0 28.2 42.2

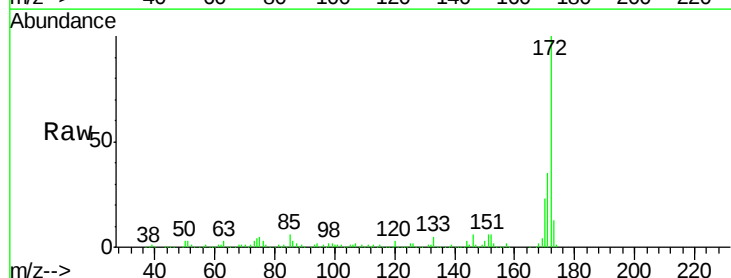


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

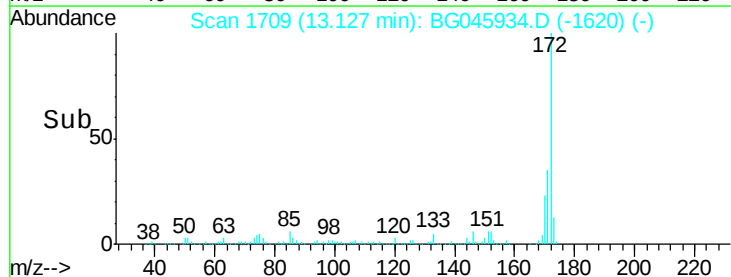
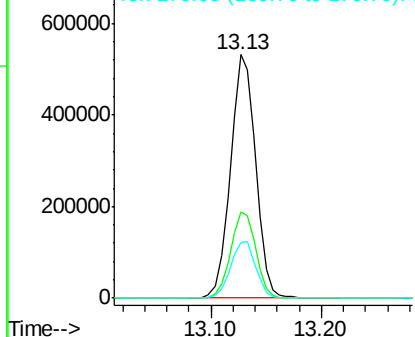


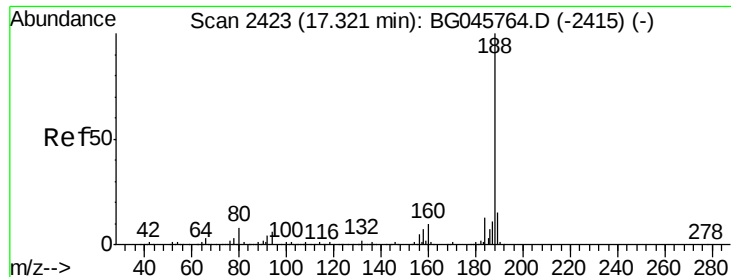
#45
 2-Fluorobiphenyl
 Concen: 107.452 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045934.D
 Acq: 3 Jul 2020 5:27

Tgt Ion:172 Resp: 848501
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 22.8 18.9 28.3



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

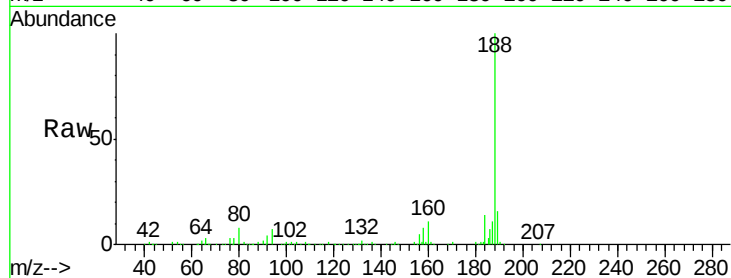




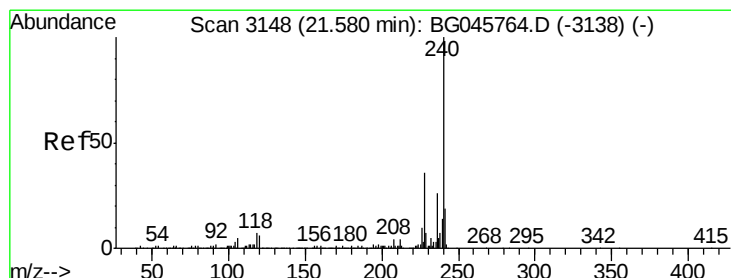
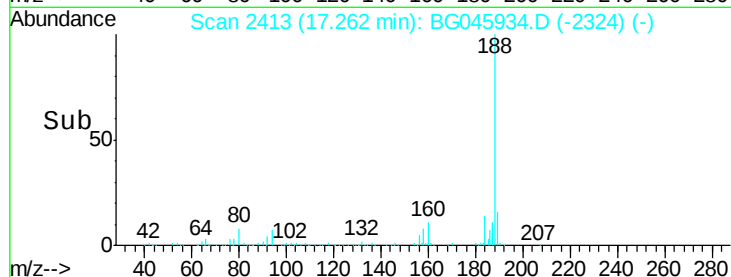
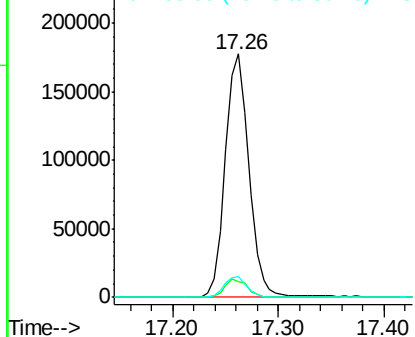
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG045934.D
Acq: 3 Jul 2020 5:27

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP

Tot Ion:188 Resp: 276510
Ion Ratio Lower Upper
188 100
94 6.7 5.5 8.3
80 8.4 6.1 9.1

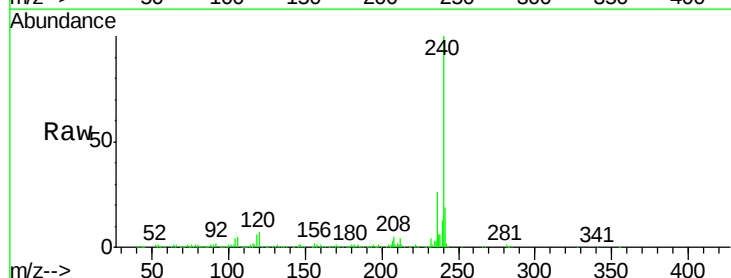


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

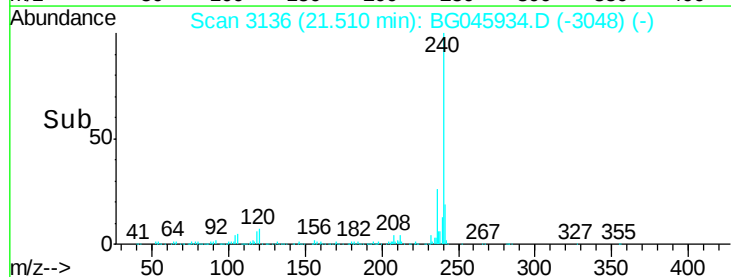
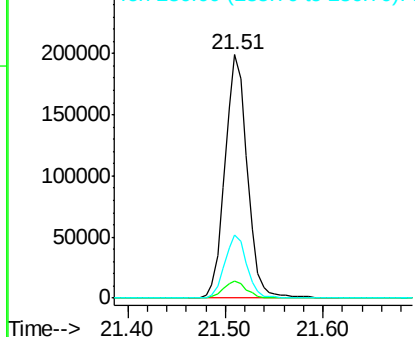


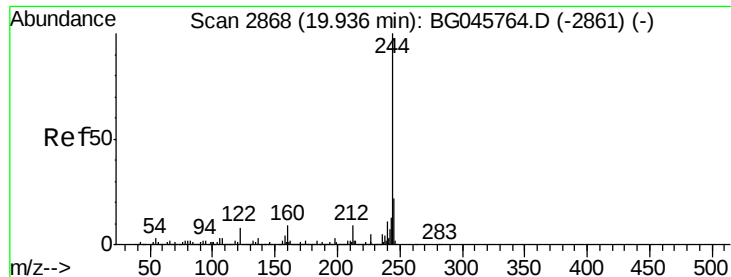
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045934.D
Acq: 3 Jul 2020 5:27

Tgt Ion:240 Resp: 316014
Ion Ratio Lower Upper
240 100
120 7.1 5.2 7.8
236 26.1 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: 105.516 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG045934.D

Acq: 3 Jul 2020 5:27

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP

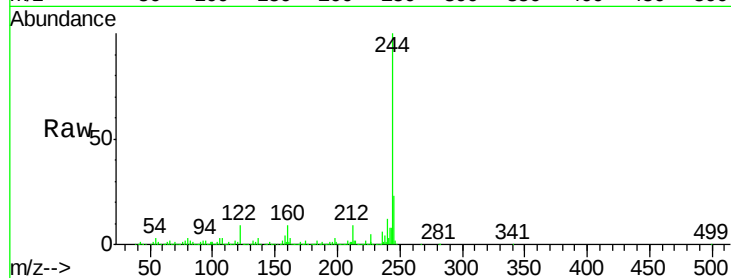
Tot Ion:244 Resp: 1645342

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

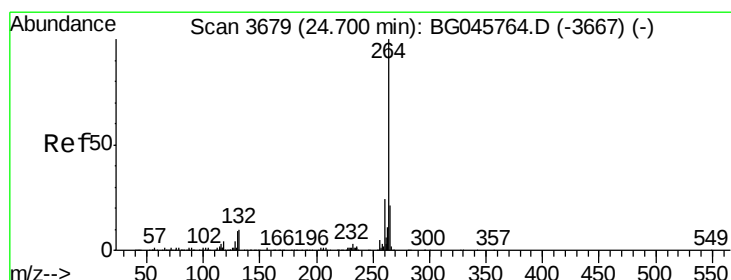
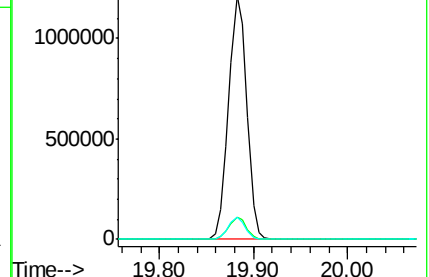
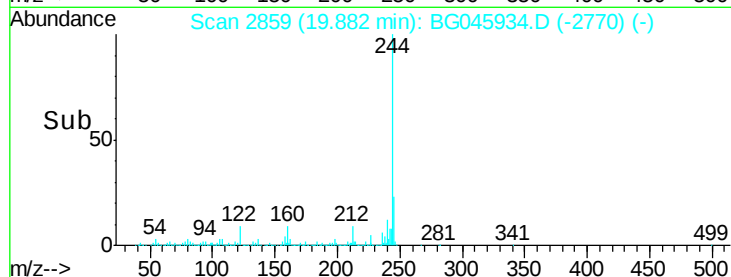
122 8.9 6.6 9.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BG045934.D

Acq: 3 Jul 2020 5:27

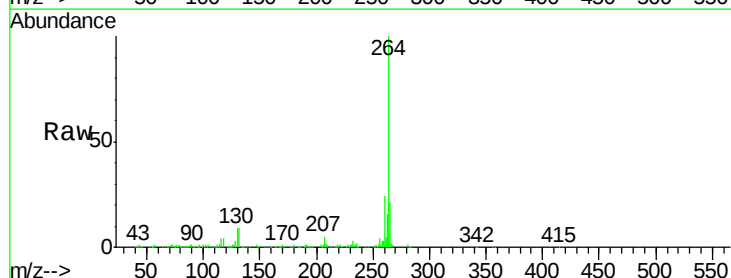
Tgt Ion:264 Resp: 318971

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 21.0 16.4 24.6



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

