

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043919.D
 Acq On : 4 Jan 2020 12:53
 Operator : JU
 Sample : L1009-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010220

Quant Time: Jan 06 05:47:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	130788	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	547734	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	371145	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	812203	20.00	ng	0.00
76) Chrysene-d12	21.59	240	705445	20.00	ng	0.00
87) Perylene-d12	24.71	264	761419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1118394	157.01	ng	0.00
7) Phenol-d6	7.13	99	1569662	157.65	ng	0.00
23) Nitrobenzene-d5	9.12	82	937015	91.52	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	595334	153.28	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1978514	96.58	ng	0.00
79) Terphenyl-d14	19.95	244	2732375	96.77	ng	0.00

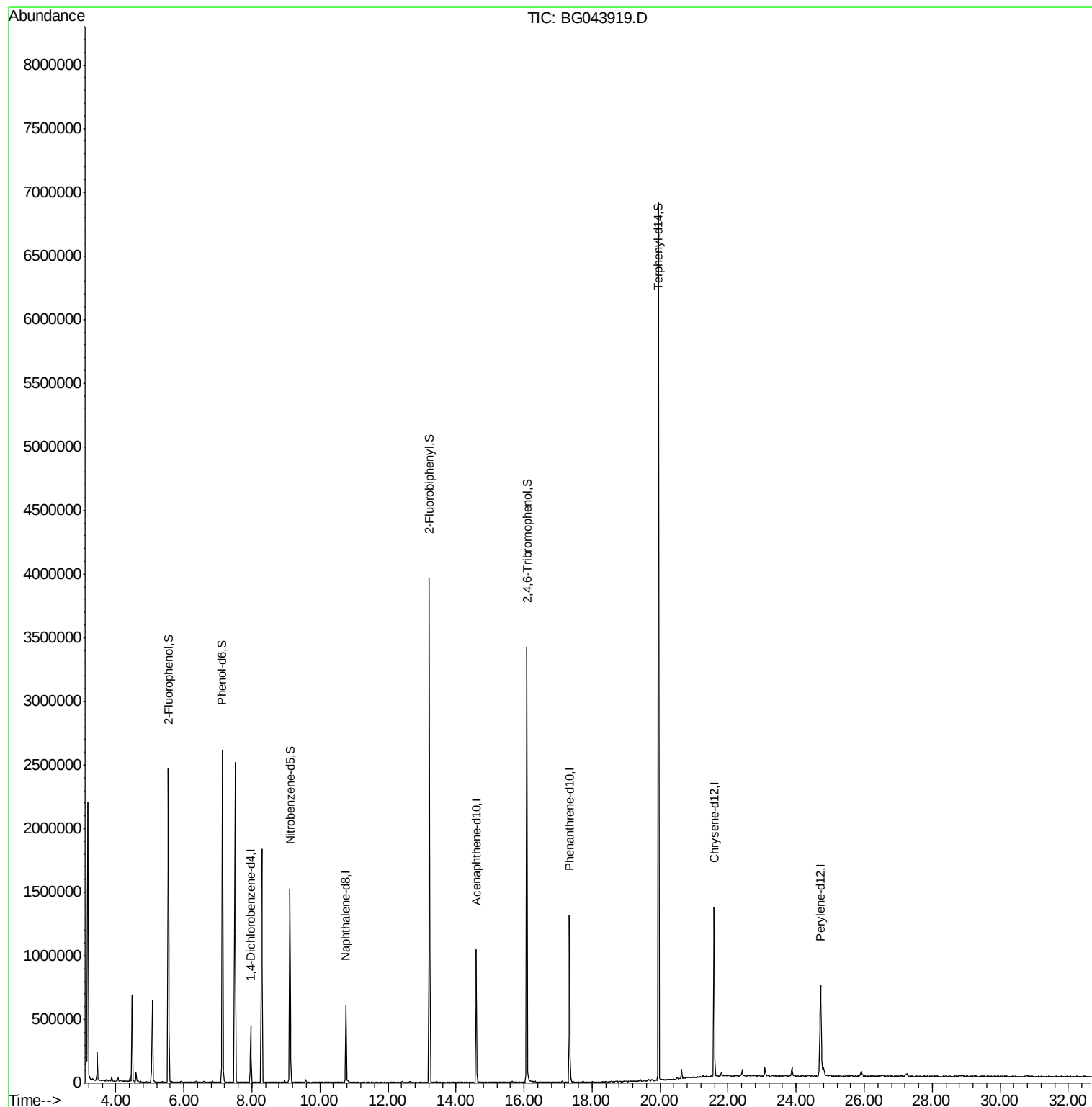
Target Compounds Qvalue

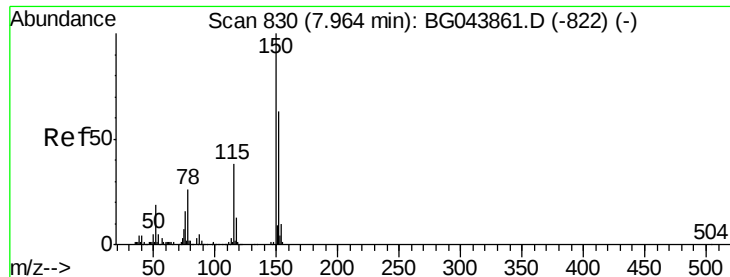
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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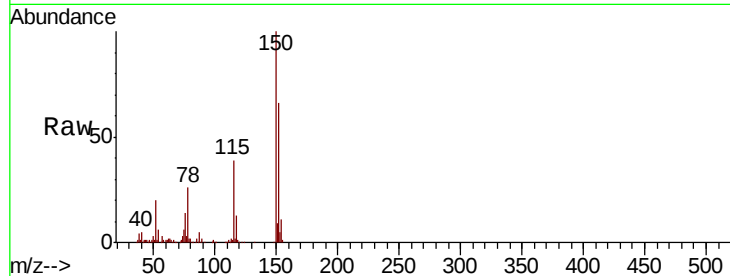


#1

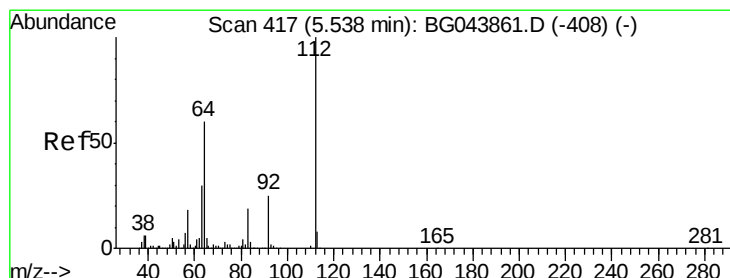
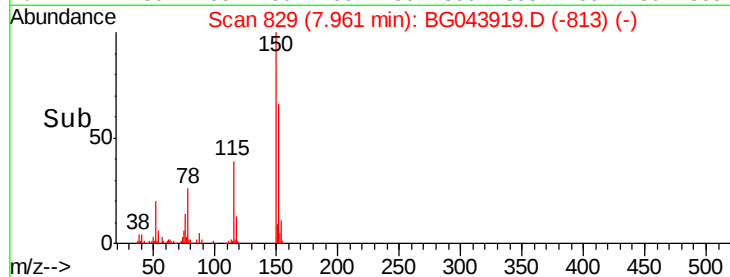
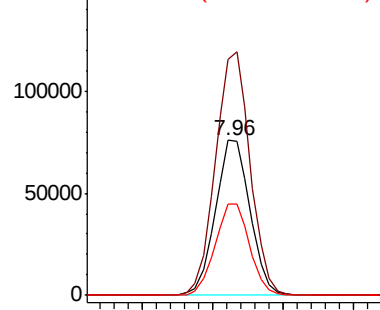
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043919.D
Acq: 4 Jan 2020 12:53

Instrument :
BNA_G
ClientSampleId :
NB-08-010220

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	127.0	190.4
115	58.9	47.8	71.8



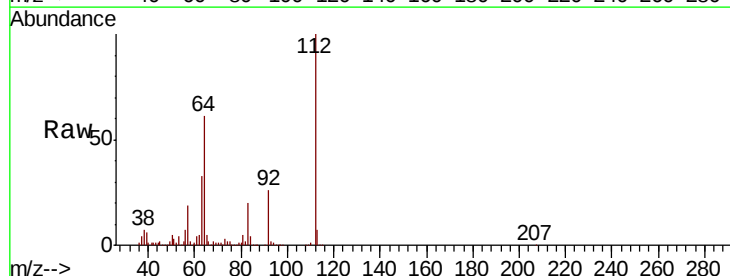
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



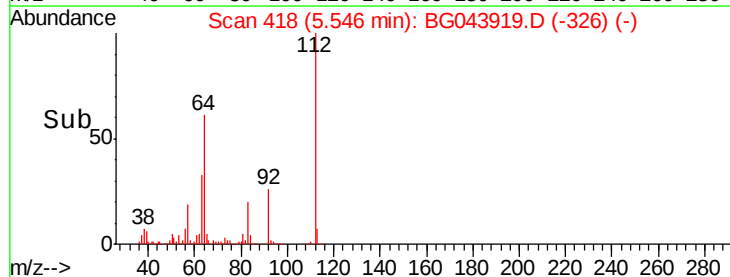
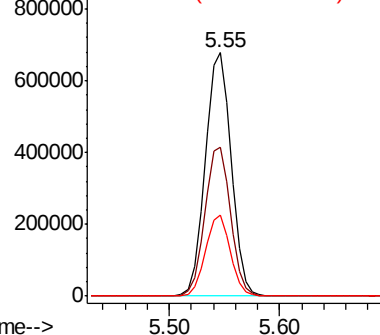
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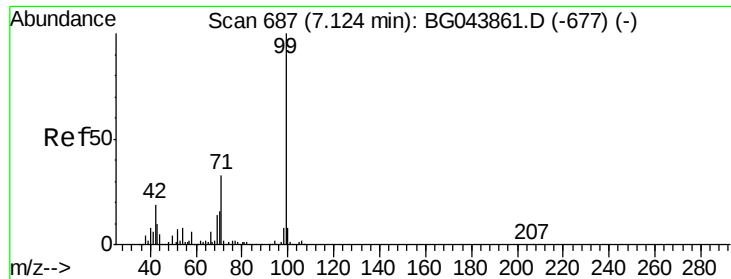
2-Fluorophenol
Concen: 157.010 ng
RT: 5.55 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG043919.D
Acq: 4 Jan 2020 12:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.8	71.6
63	33.1	24.3	36.5



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: 157.648 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043919.D

Acq: 4 Jan 2020 12:53

Instrument :

BNA_G

ClientSampleId :

NB-08-010220

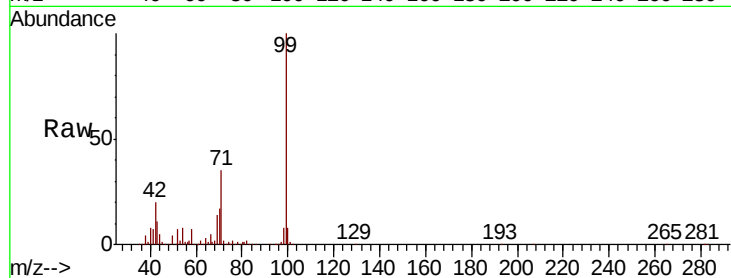
Tot Ion: 99 Resp: 1569662

Ion Ratio Lower Upper

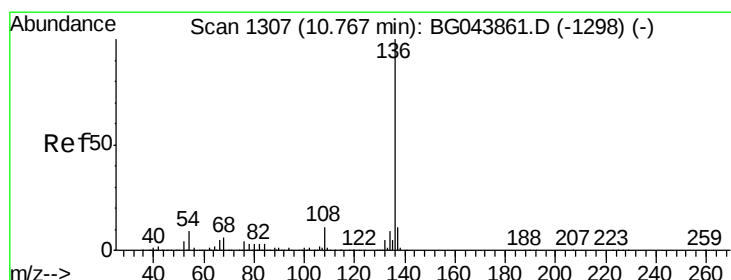
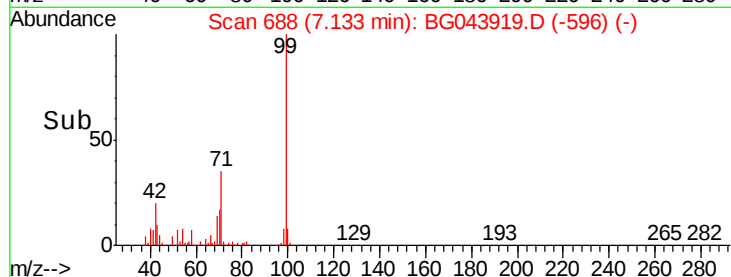
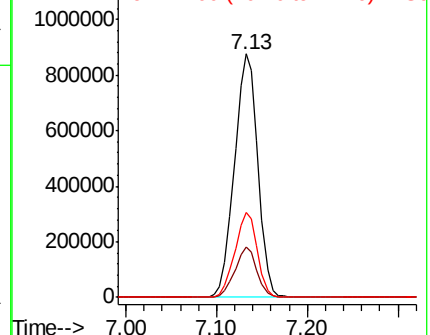
99 100

42 20.4 14.9 22.3

71 35.1 26.4 39.6



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: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043919.D

Acq: 4 Jan 2020 12:53

Tgt Ion: 136 Resp: 547734

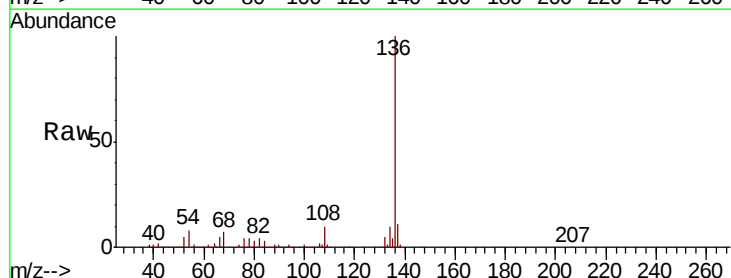
Ion Ratio Lower Upper

136 100

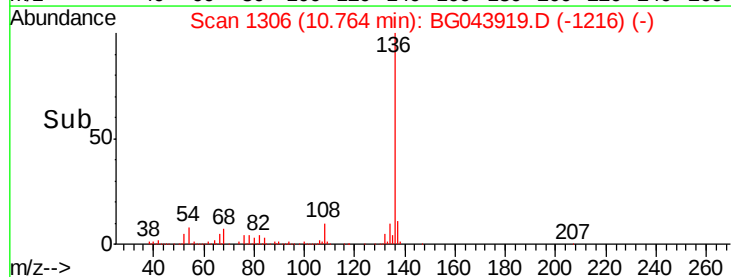
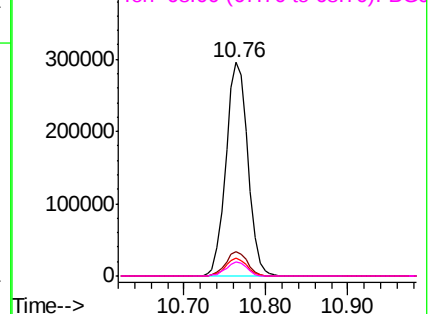
137 11.4 8.8 13.2

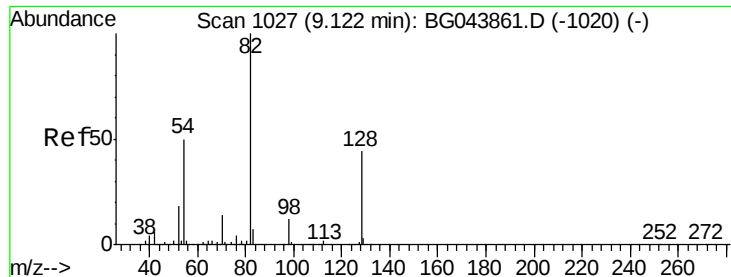
54 8.3 7.0 10.4

68 6.6 4.9 7.3



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

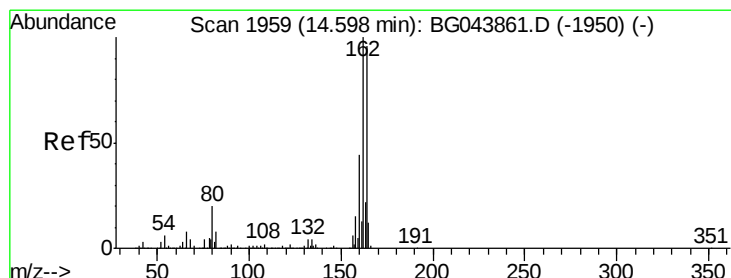
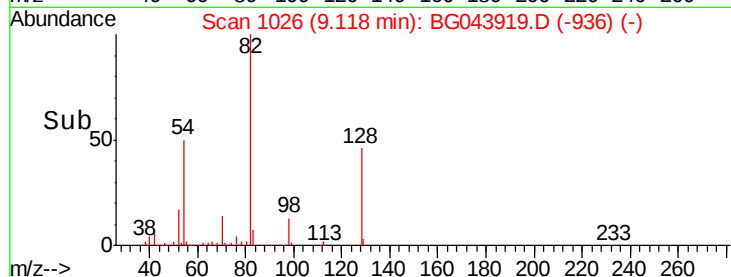
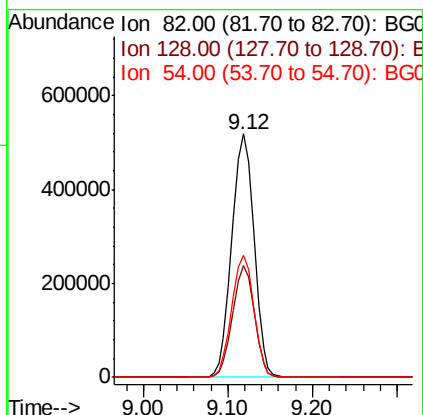
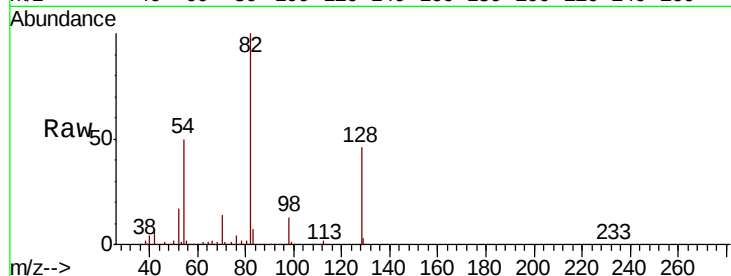




#23
Nitrobenzene-d5
Concen: 91.516 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG043919.D
Acq: 4 Jan 2020 12:53

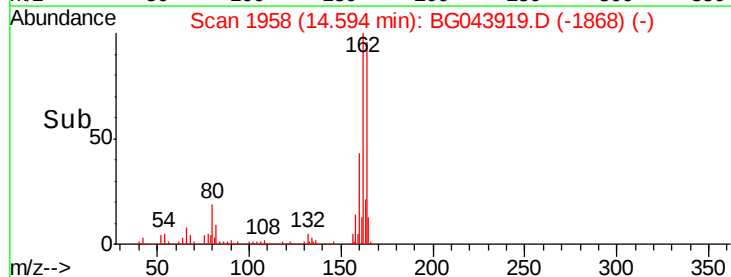
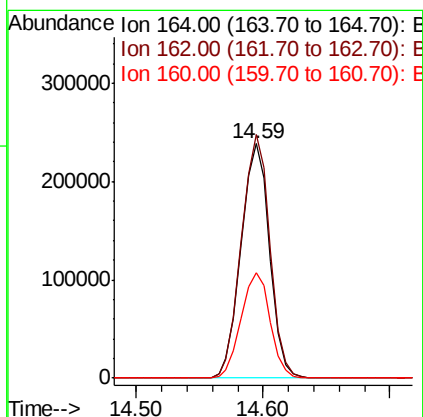
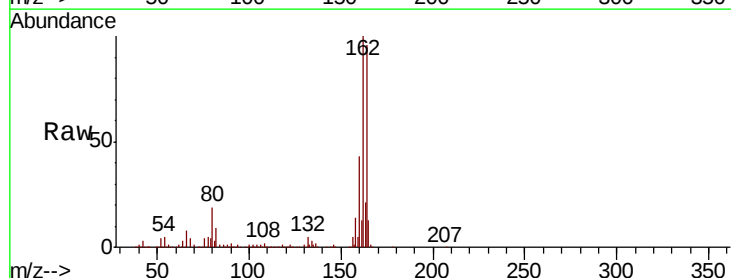
Instrument :
BNA_G
ClientSampleId :
NB-08-010220

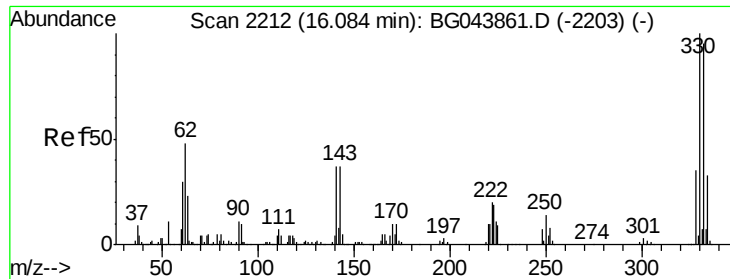
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.1	52.7
54	50.2	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043919.D
Acq: 4 Jan 2020 12:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.4
160	45.0	36.1	54.1

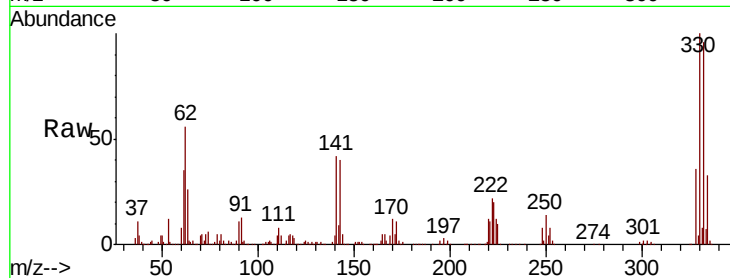




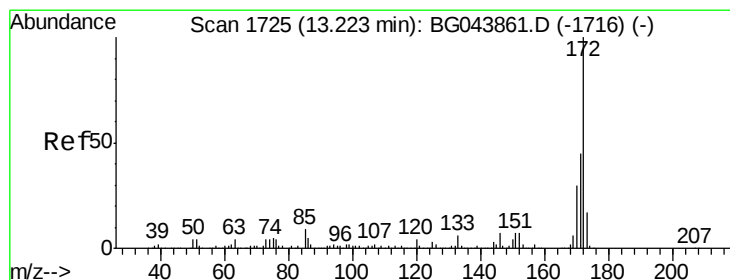
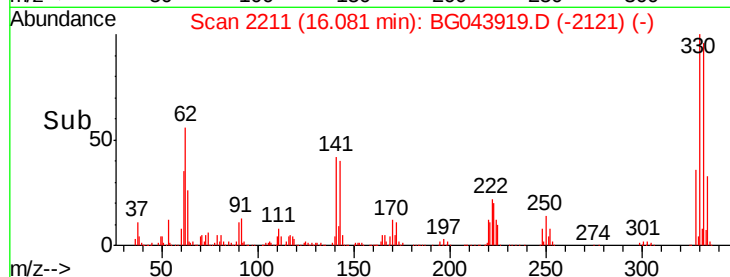
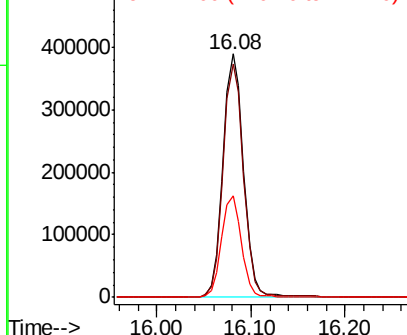
#42
 2,4,6-Tribromophenol
 Concen: 153.280 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.00 min
 Lab File: BG043919.D
 Acq: 4 Jan 2020 12:53

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-010220

Tot Ion:330 Resp: 595334
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.2 115.8
 141 41.0 33.1 49.7

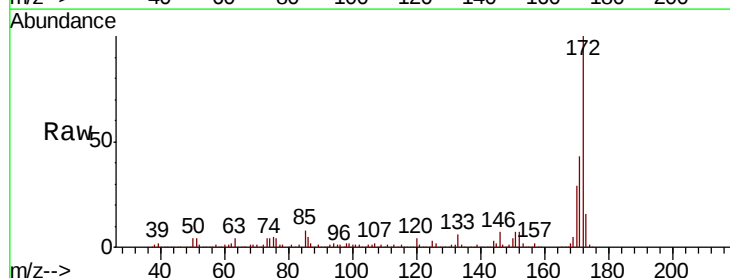


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

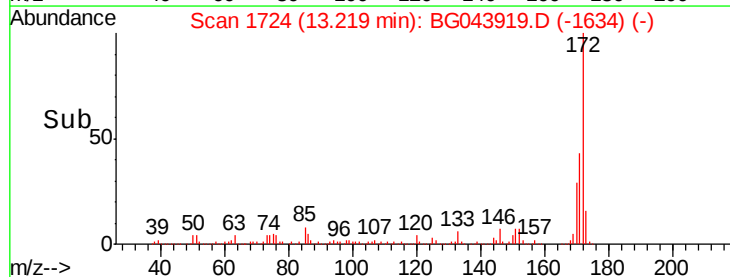
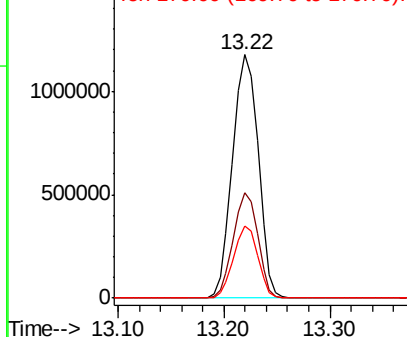


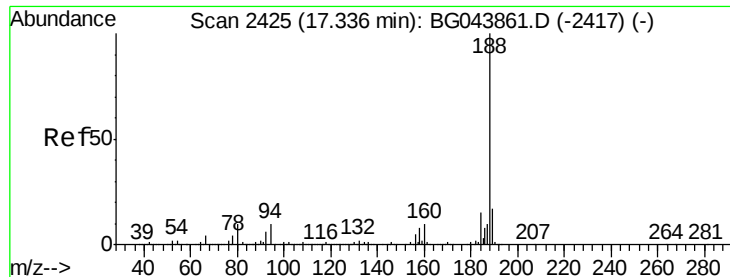
#45
 2-Fluorobiphenyl
 Concen: 96.582 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG043919.D
 Acq: 4 Jan 2020 12:53

Tgt Ion:172 Resp: 1978514
 Ion Ratio Lower Upper
 172 100
 171 43.0 35.8 53.8
 170 29.4 24.2 36.4



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

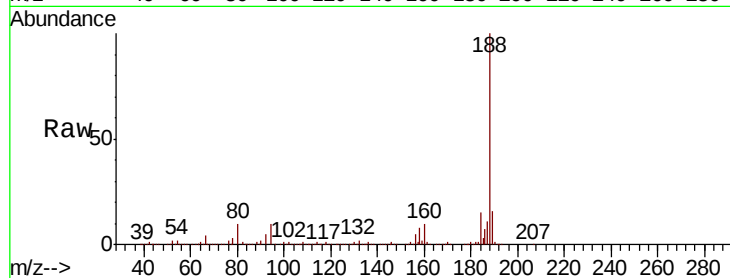




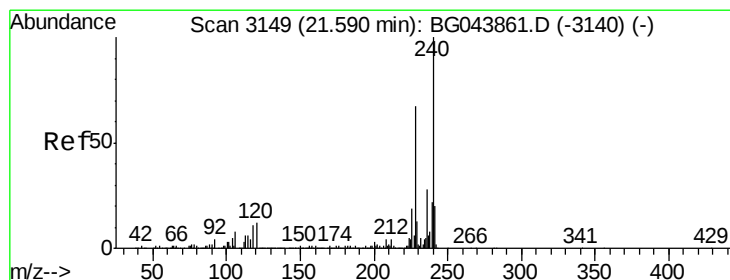
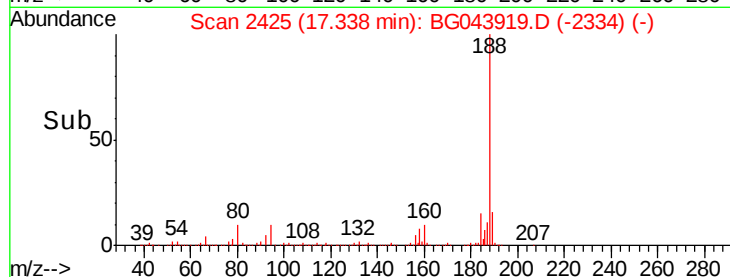
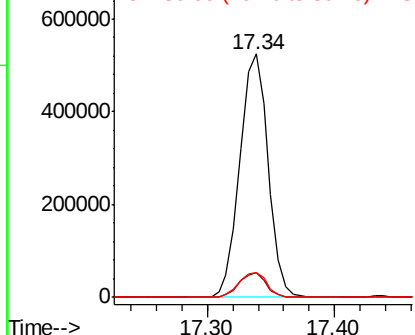
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043919.D
Acq: 4 Jan 2020 12:53

Instrument :
BNA_G
ClientSampleId :
NB-08-010220

Tot Ion:188 Resp: 812203
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.0 8.2 12.4

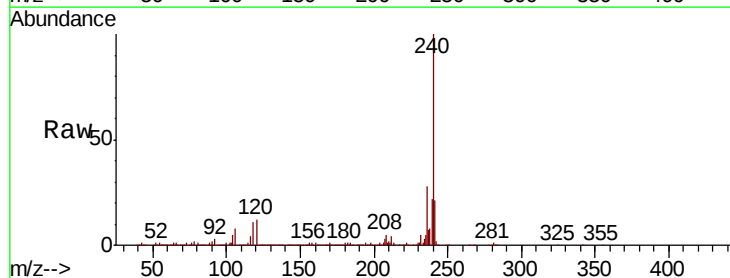


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

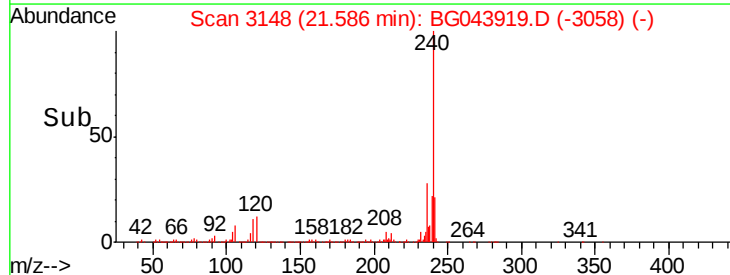
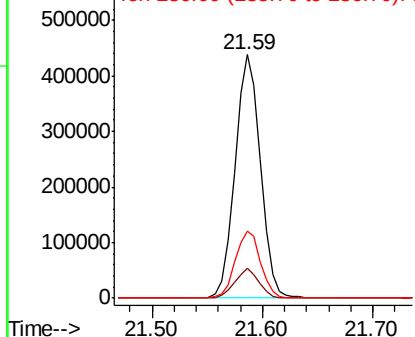


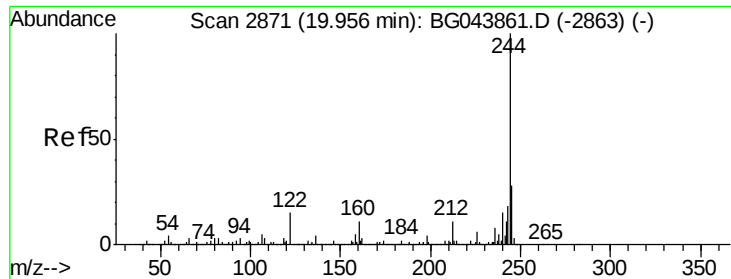
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG043919.D
Acq: 4 Jan 2020 12:53

Tgt Ion:240 Resp: 705445
Ion Ratio Lower Upper
240 100
120 12.1 9.6 14.4
236 27.7 22.2 33.2



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: 96.769 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043919.D

Acq: 4 Jan 2020 12:53

Instrument :

BNA_G

ClientSampleId :

NB-08-010220

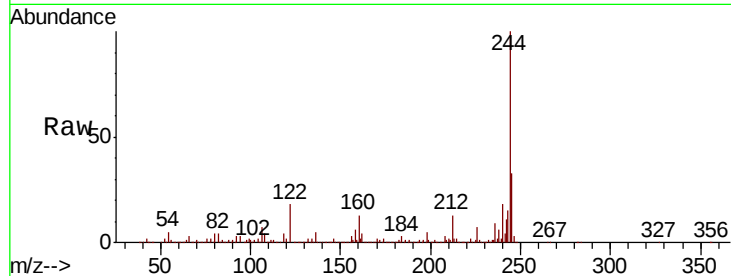
Tot Ion:244 Resp: 2732375

Ion Ratio Lower Upper

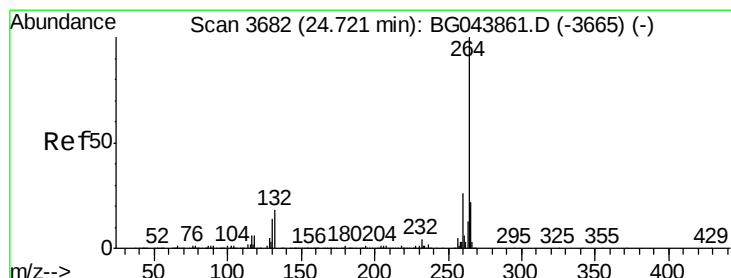
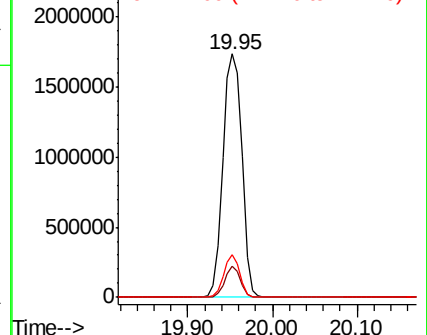
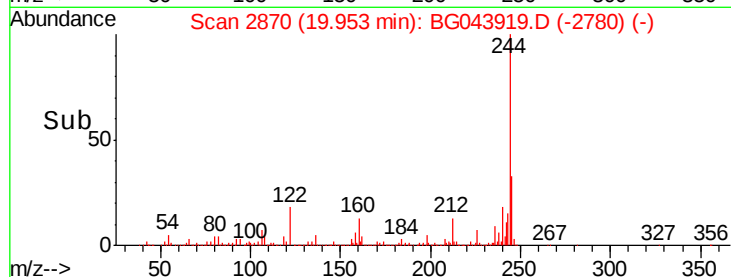
244 100

212 13.0 8.6 13.0#

122 17.7 11.9 17.9



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: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043919.D

Acq: 4 Jan 2020 12:53

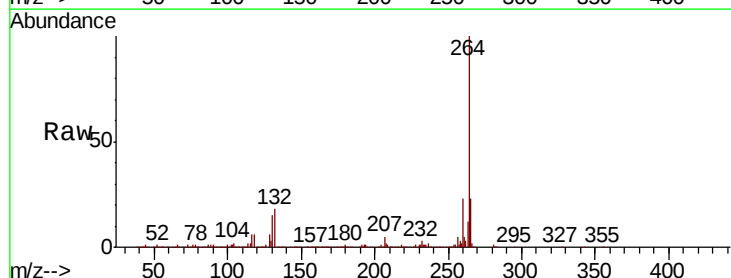
Tgt Ion:264 Resp: 761419

Ion Ratio Lower Upper

264 100

260 23.0 20.4 30.6

265 22.7 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

