

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043890.D
 Acq On : 3 Jan 2020 16:38
 Operator : JU
 Sample : K6464-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Jan 10 12:23:36 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	127182	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	553489	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	377607	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	845656	20.00	ng	0.00
76) Chrysene-d12	21.58	240	733420	20.00	ng	0.00
87) Perylene-d12	24.71	264	818519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	433927	62.65	ng	0.00
7) Phenol-d6	7.12	99	388341	40.11	ng	0.00
23) Nitrobenzene-d5	9.12	82	860284	83.15	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	523469	132.47	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1873856	89.91	ng	0.00
79) Terphenyl-d14	19.95	244	2704838	90.41	ng	0.00

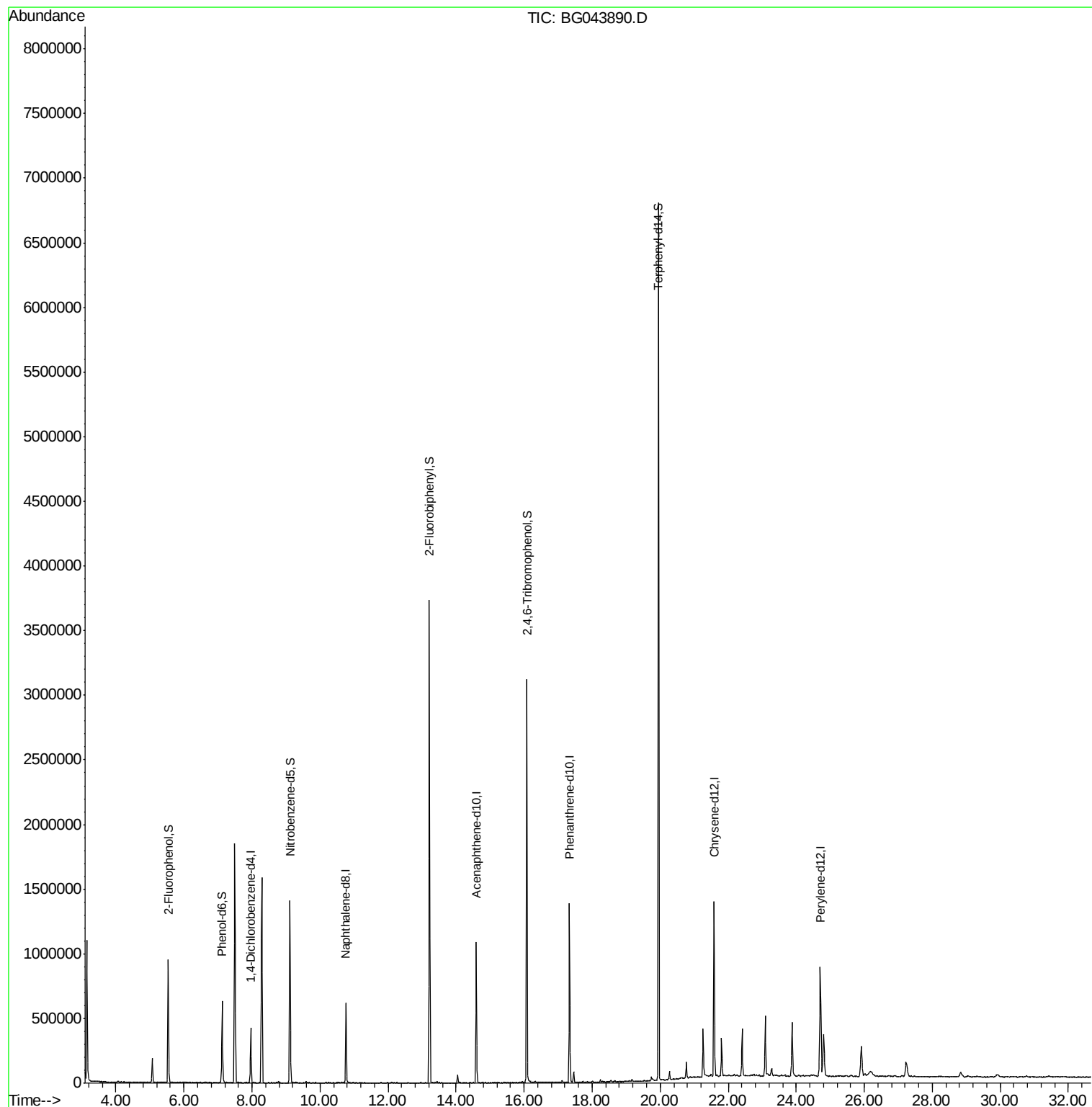
Target Compounds	Qvalue
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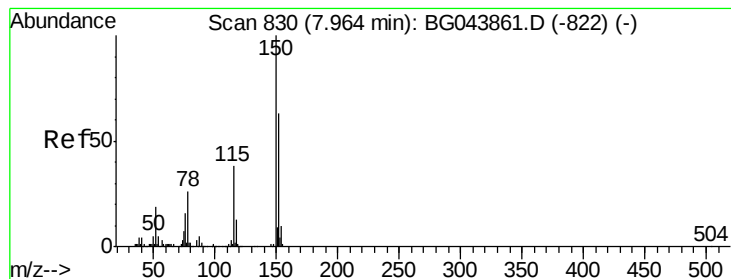
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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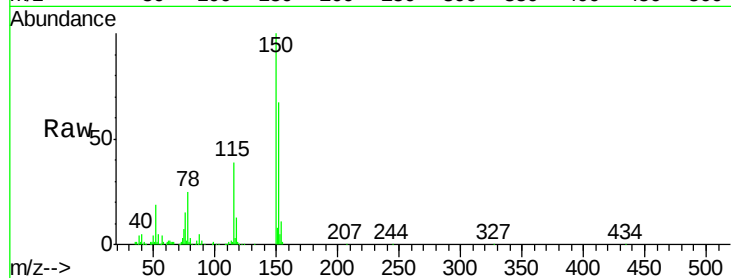


#1

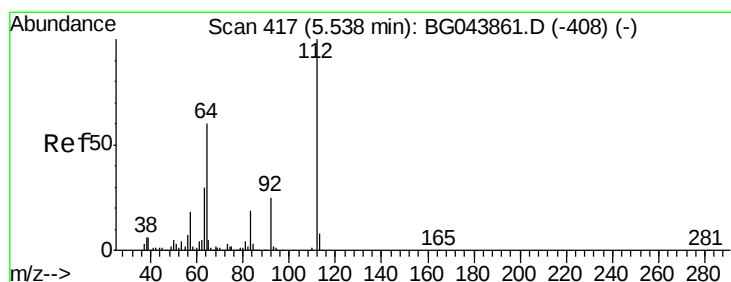
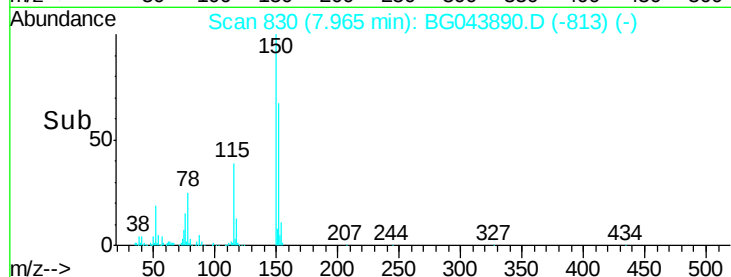
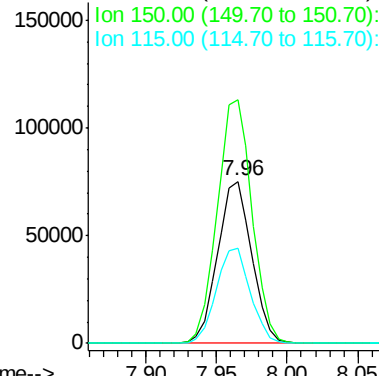
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043890.D
Acq: 3 Jan 2020 16:38

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	127.0	190.4
115	58.3	47.8	71.8



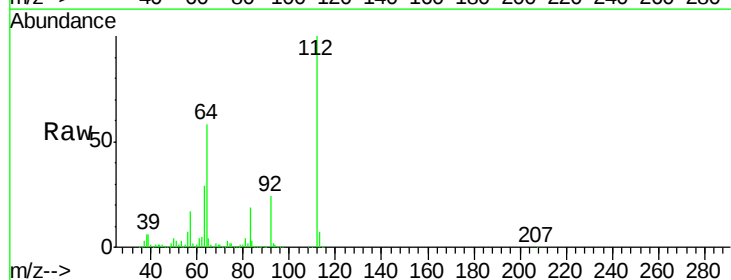
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



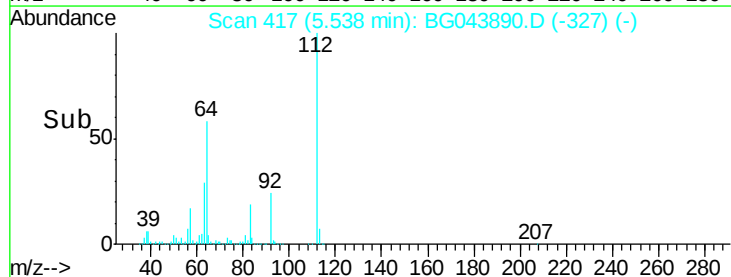
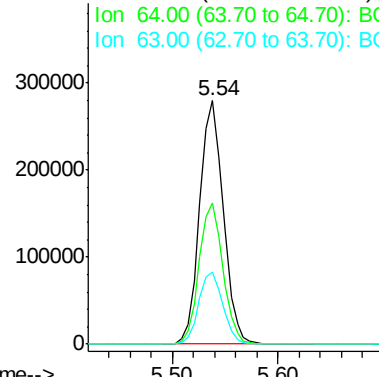
#5

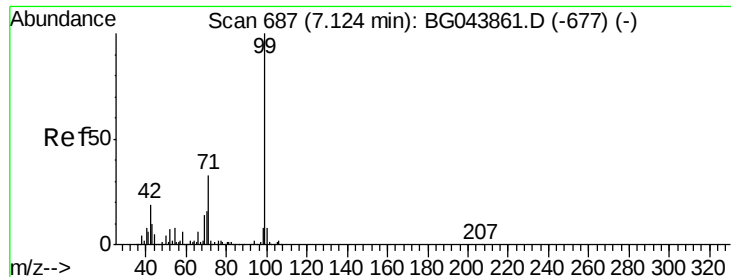
2-Fluorophenol
Concen: 62.646 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043890.D
Acq: 3 Jan 2020 16:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.8	71.6
63	29.5	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 40.109 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG043890.D

Acq: 3 Jan 2020 16:38

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

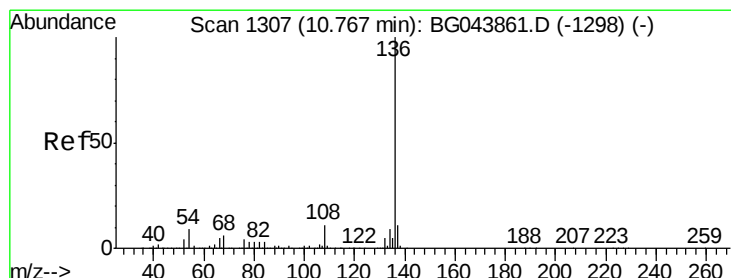
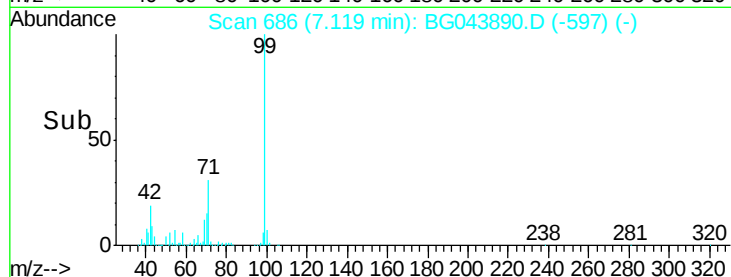
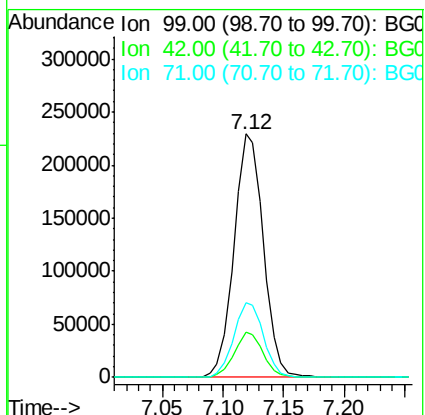
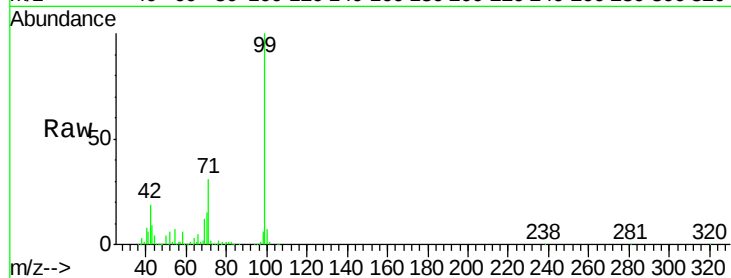
Tot Ion: 99 Resp: 388341

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

71 30.5 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG043890.D

Acq: 3 Jan 2020 16:38

Tgt Ion: 136 Resp: 553489

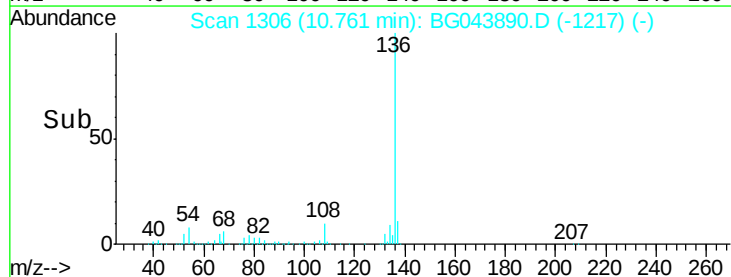
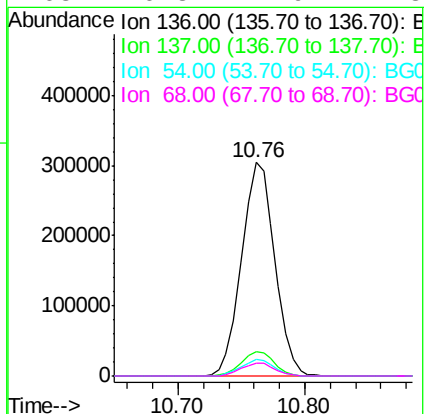
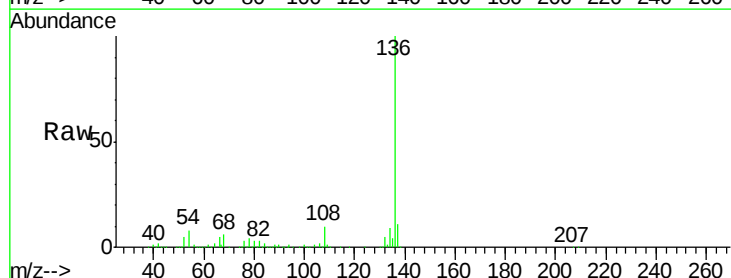
Ion Ratio Lower Upper

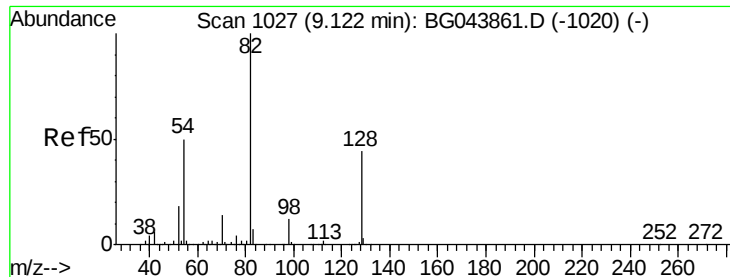
136 100

137 11.1 8.8 13.2

54 7.8 7.0 10.4

68 6.3 4.9 7.3

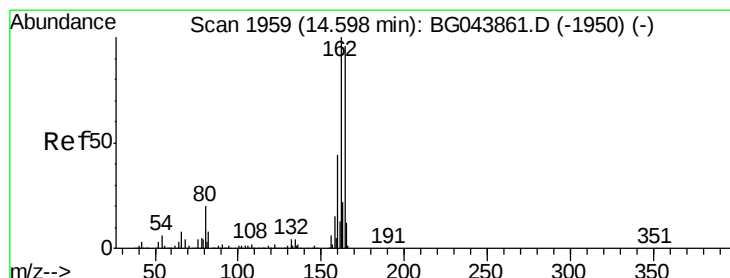
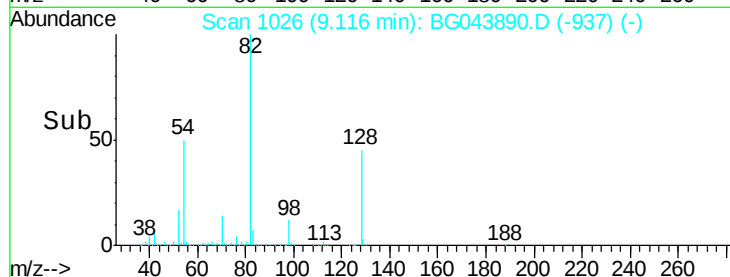
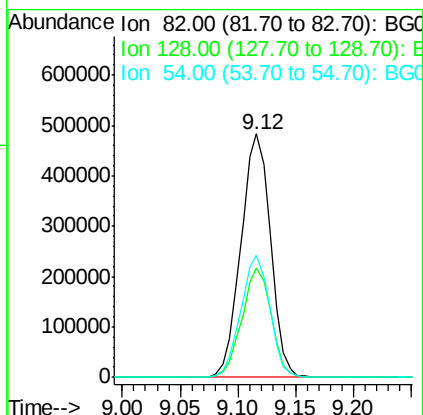
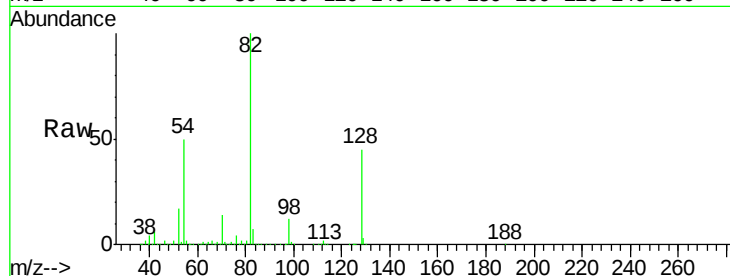




#23
Nitrobenzene-d5
Concen: 83.148 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043890.D
Acq: 3 Jan 2020 16:38

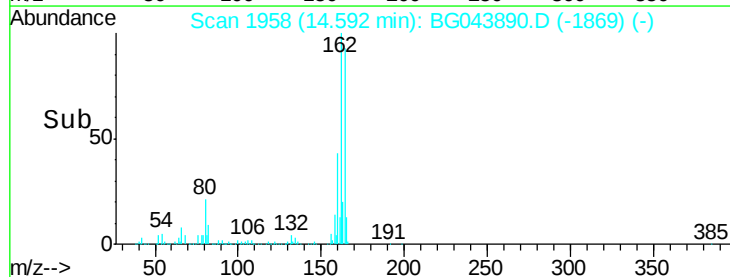
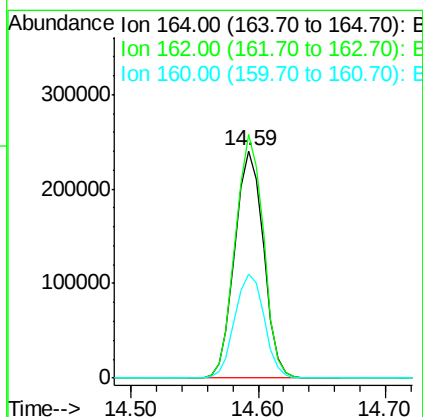
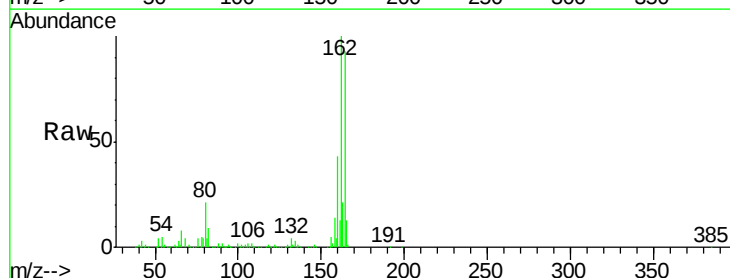
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

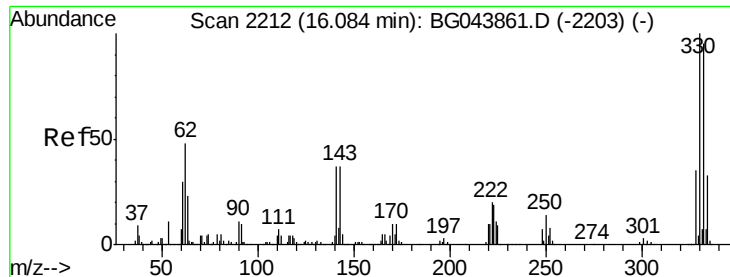
Tot Ion: 82 Resp: 860284
Ion Ratio Lower Upper
82 100
128 44.8 35.1 52.7
54 49.9 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043890.D
Acq: 3 Jan 2020 16:38

Tgt Ion:164 Resp: 377607
Ion Ratio Lower Upper
164 100
162 107.1 83.0 124.4
160 45.9 36.1 54.1

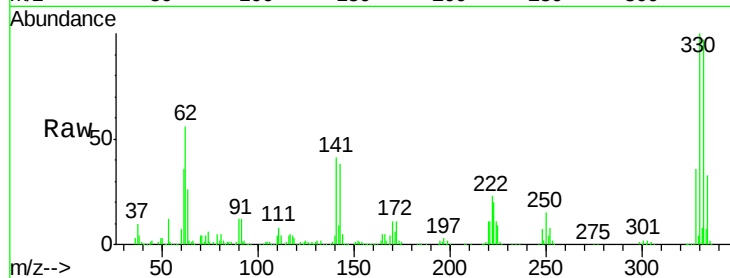




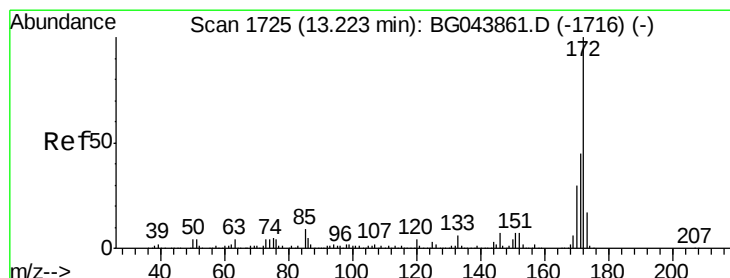
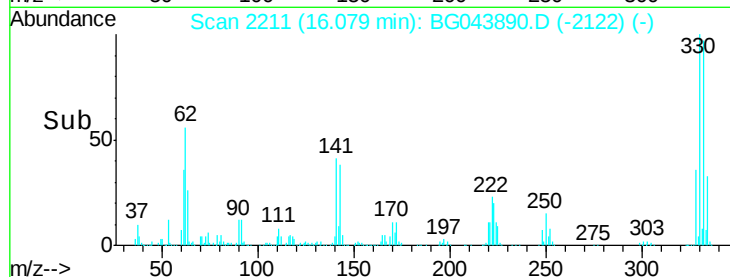
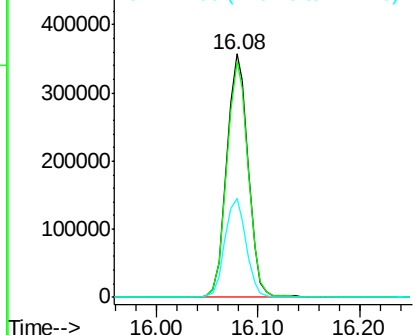
#42
 2,4,6-Tribromophenol
 Concen: 132.471 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG043890.D
 Acq: 3 Jan 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion:330 Resp: 523469
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.2 115.8
 141 40.7 33.1 49.7

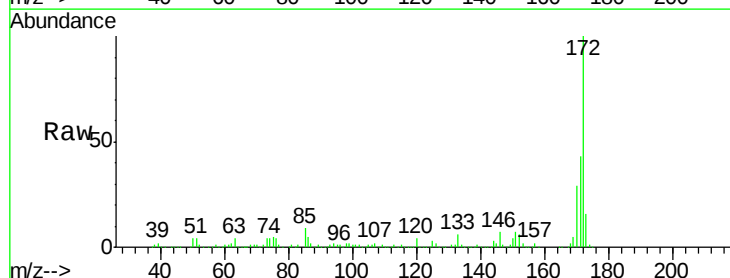


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

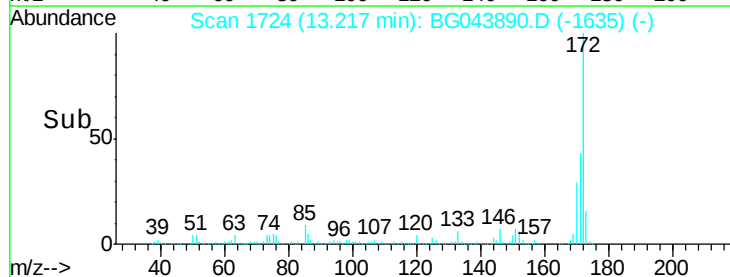
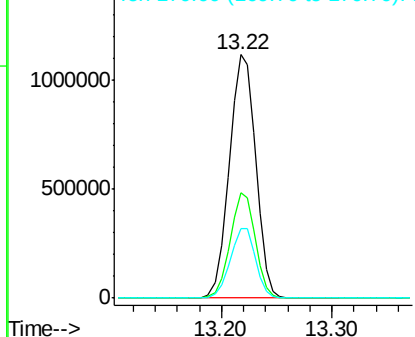


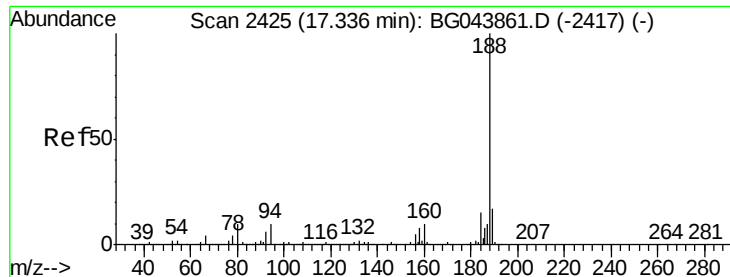
#45
 2-Fluorobiphenyl
 Concen: 89.908 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043890.D
 Acq: 3 Jan 2020 16:38

Tgt Ion:172 Resp: 1873856
 Ion Ratio Lower Upper
 172 100
 171 43.3 35.8 53.8
 170 28.6 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

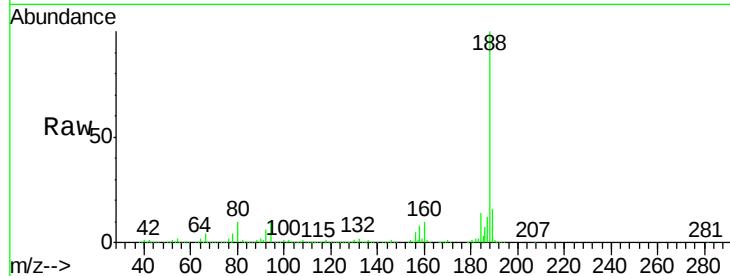




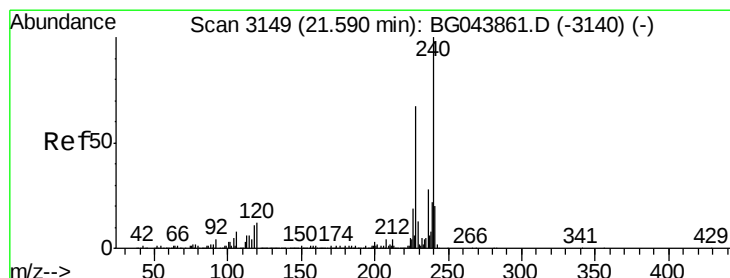
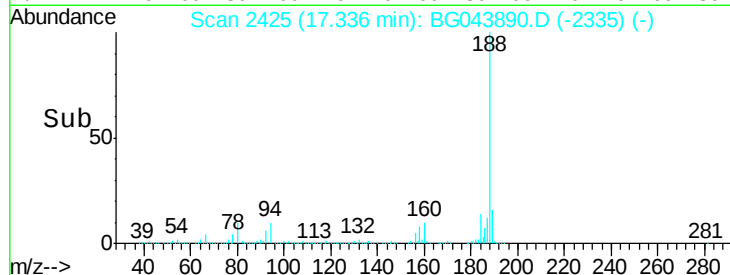
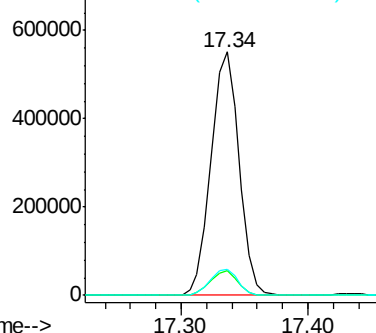
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043890.D
Acq: 3 Jan 2020 16:38

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tot Ion:188 Resp: 845656
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 10.4 8.2 12.4

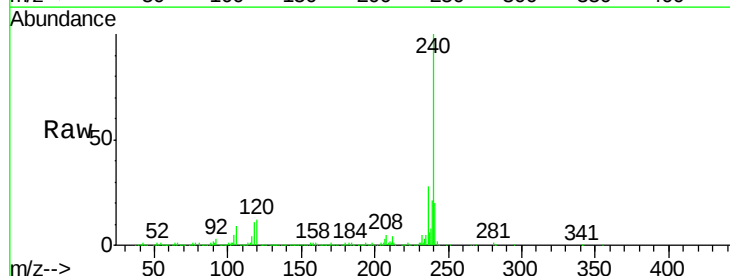


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

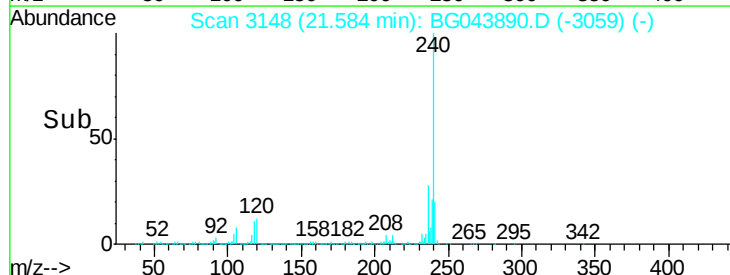
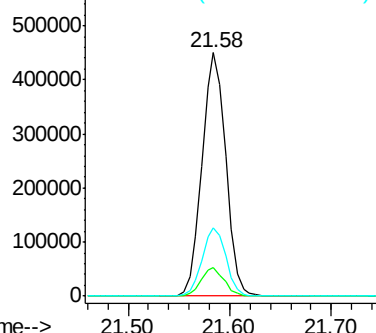


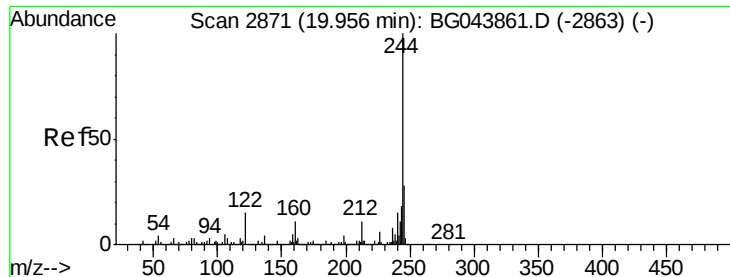
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043890.D
Acq: 3 Jan 2020 16:38

Tgt Ion:240 Resp: 733420
Ion Ratio Lower Upper
240 100
120 11.9 9.6 14.4
236 27.9 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: 90.406 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043890.D

Acq: 3 Jan 2020 16:38

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

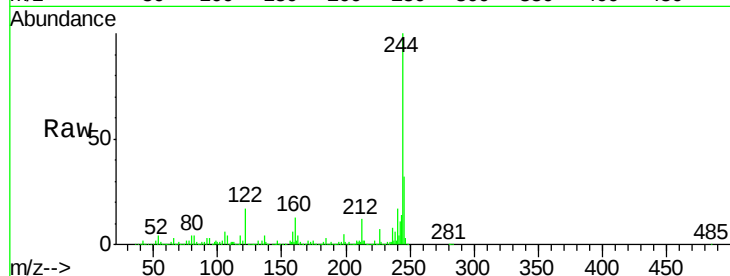
Tot Ion:244 Resp: 2704838

Ion Ratio Lower Upper

244 100

212 12.4 8.6 13.0

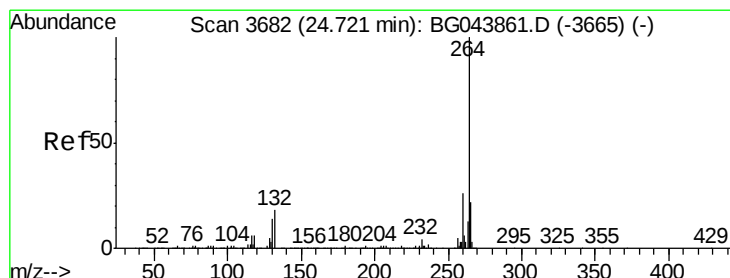
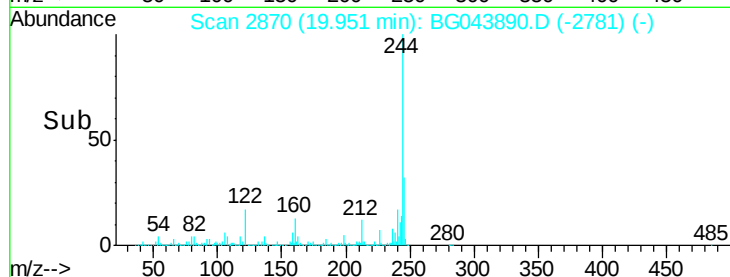
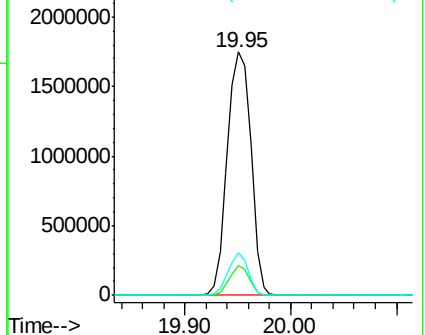
122 17.5 11.9 17.9



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: BG043890.D

Acq: 3 Jan 2020 16:38

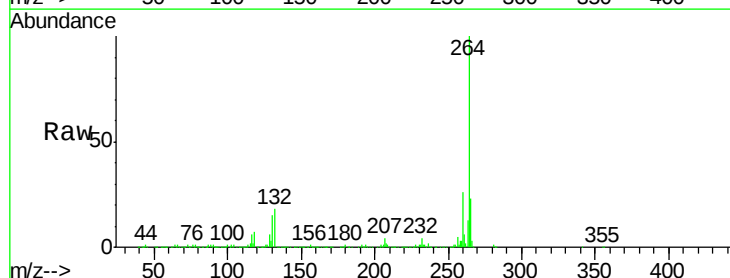
Tgt Ion:264 Resp: 818519

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

265 22.9 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

