

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
 Data File : BG043780.D
 Acq On : 26 Nov 2019 16:35
 Operator : JU
 Sample : PB125122BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125122BL

Quant Time: Nov 27 03:52:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	62644	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	309937	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	252729	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	741409	20.00	ng	0.00
76) Chrysene-d12	21.65	240	795306	20.00	ng	-0.01
87) Perylene-d12	24.82	264	770695	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	470709	135.09	ng	0.00
7) Phenol-d6	7.17	99	534544	105.53	ng	0.00
23) Nitrobenzene-d5	9.18	82	515469	91.44	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	464082	152.24	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1305742	84.93	ng	-0.01
79) Terphenyl-d14	20.01	244	3011781	85.57	ng	0.00

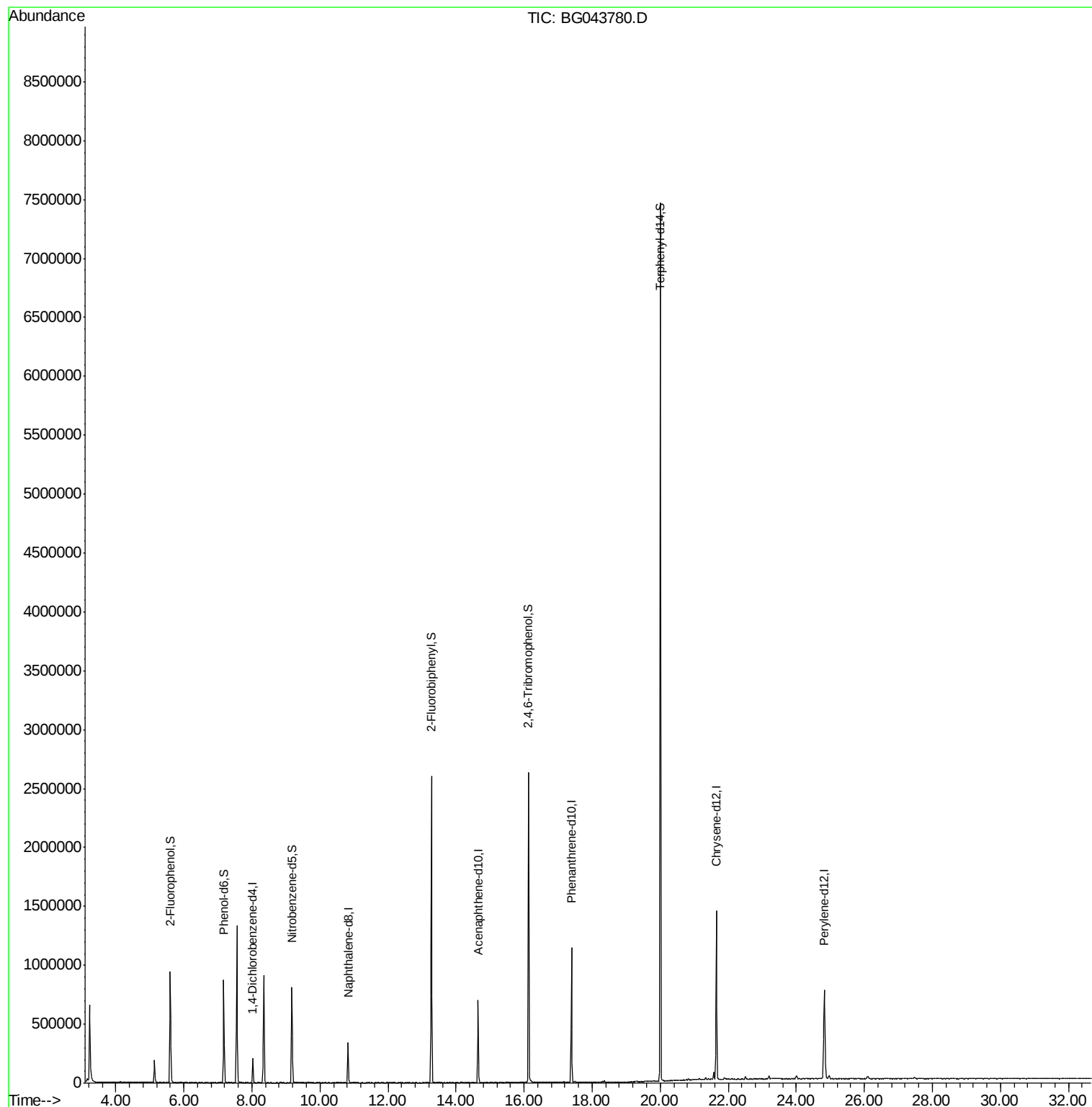
Target Compounds Qvalue

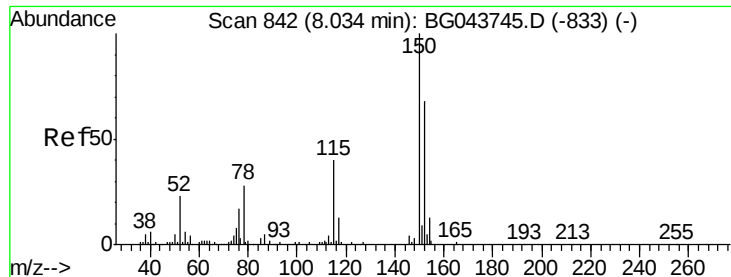
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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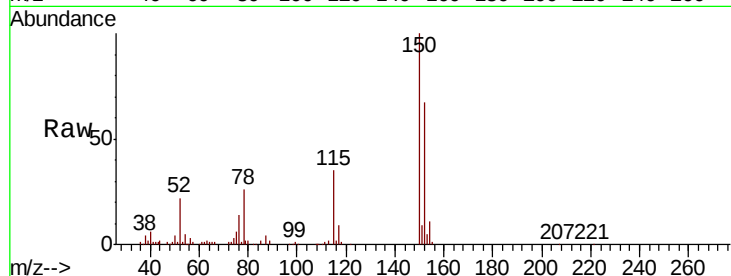


#1

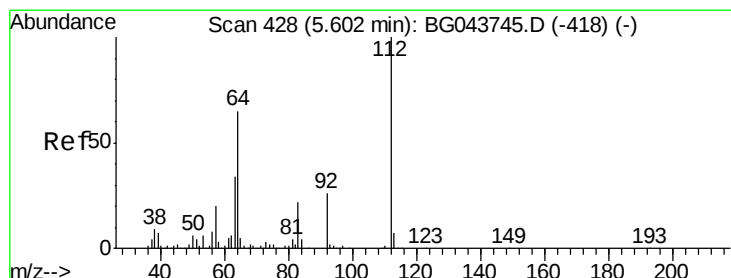
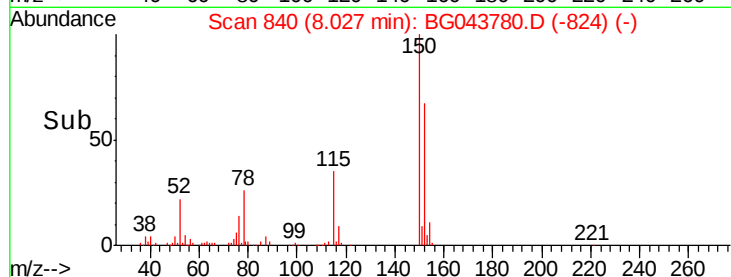
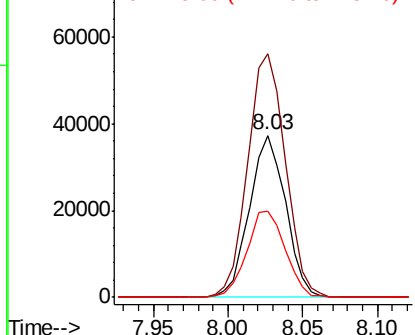
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043780.D
Acq: 26 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB125122BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	117.8	176.8
115	53.3	47.0	70.4



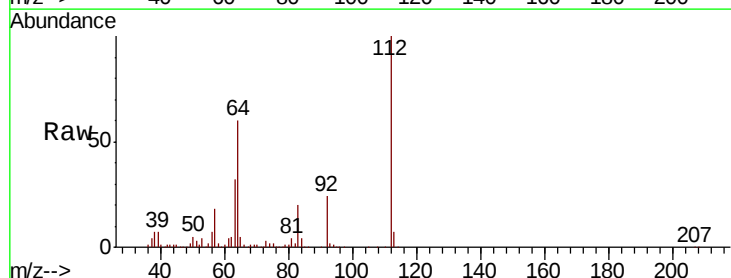
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



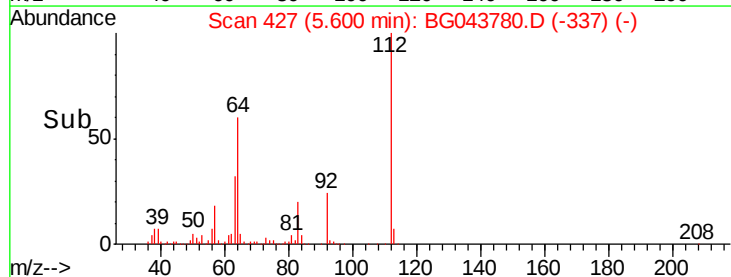
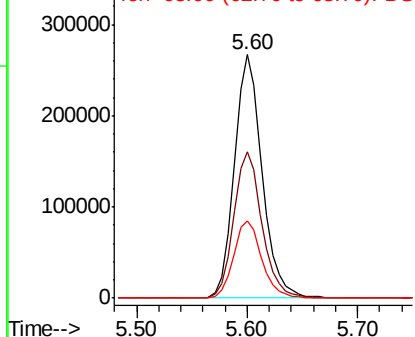
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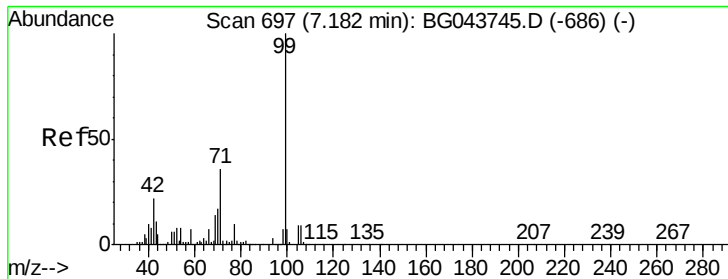
2-Fluorophenol
Concen: 135.086 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG043780.D
Acq: 26 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	51.7	77.5
63	31.7	26.8	40.2



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: 105.530 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG043780.D

Acq: 26 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

PB125122BL

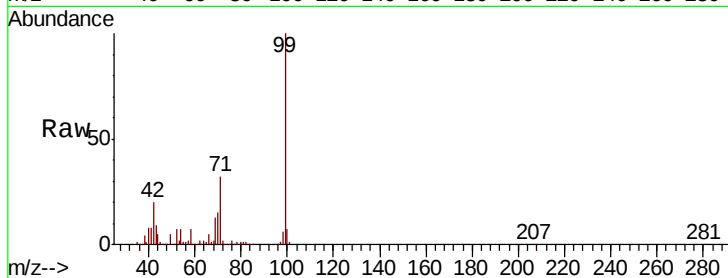
Tot Ion: 99 Resp: 534544

Ion Ratio Lower Upper

99 100

42 19.6 17.4 26.0

71 32.3 29.5 44.3

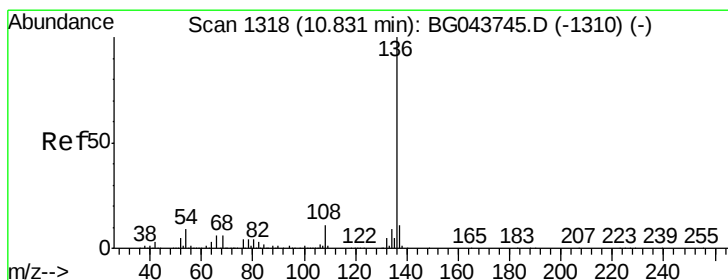
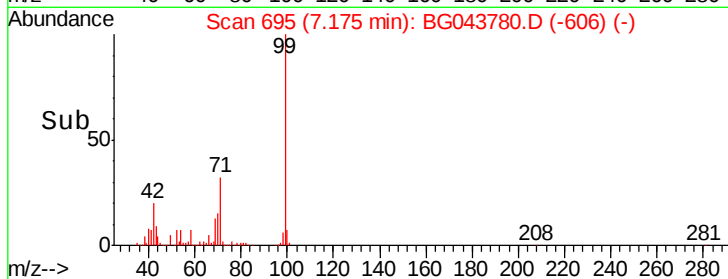
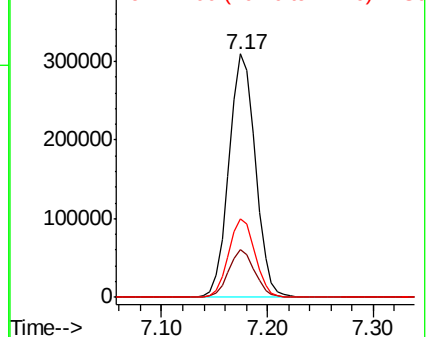


Abundance

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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043780.D

Acq: 26 Nov 2019 16:35

Tgt Ion: 136 Resp: 309937

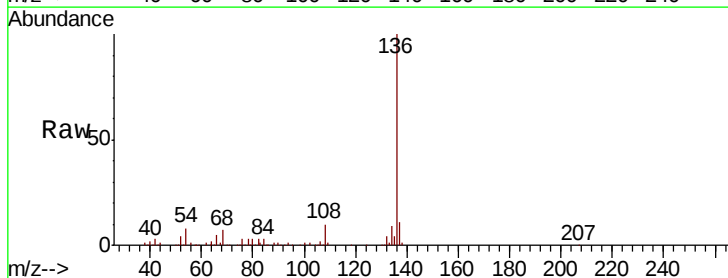
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.4 7.5 11.3

68 6.7 4.9 7.3



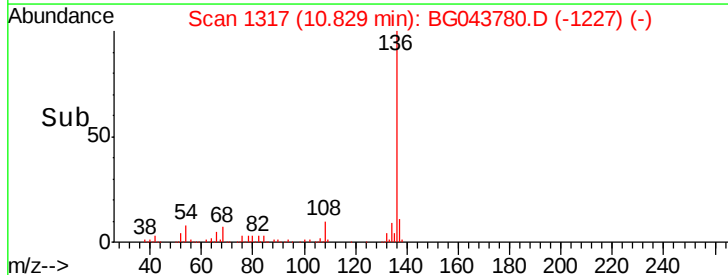
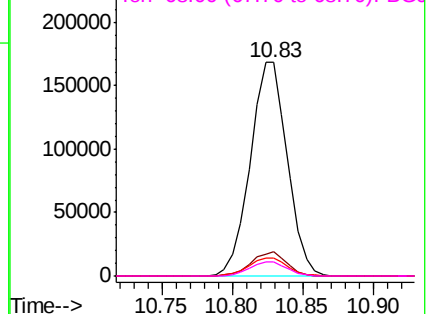
Abundance

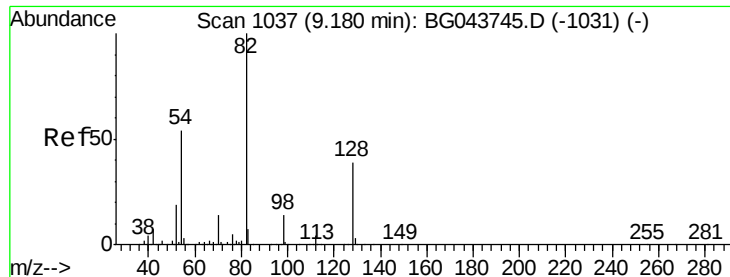
Ion 136.00 (135.70 to 136.70): BGC

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

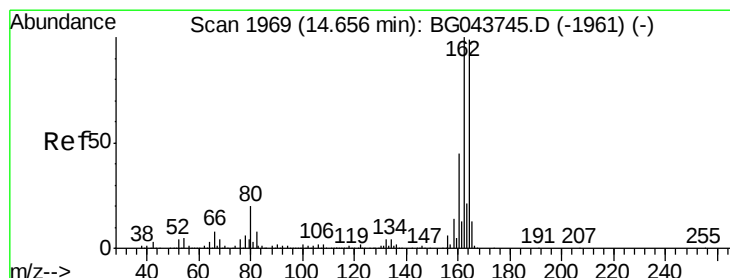
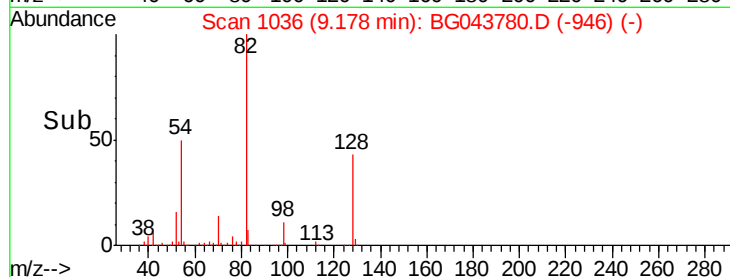
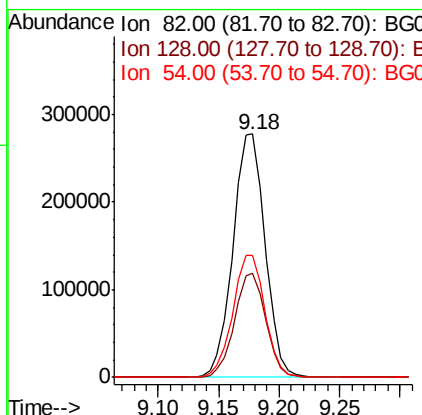
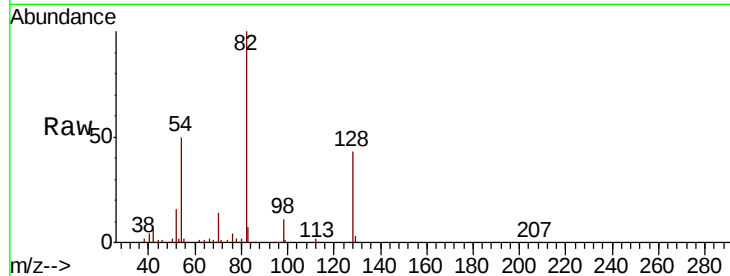




#23
 Nitrobenzene-d5
 Concen: 91.444 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043780.D
 Acq: 26 Nov 2019 16:35

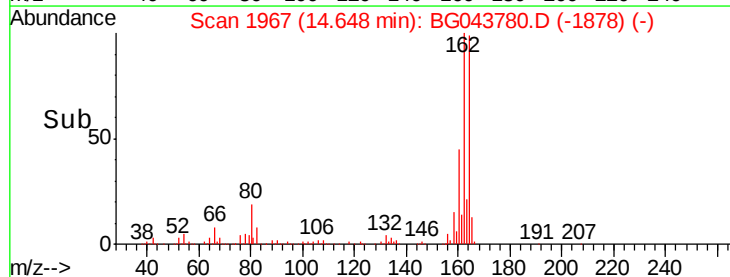
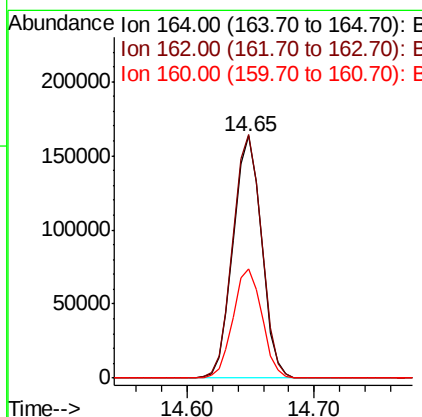
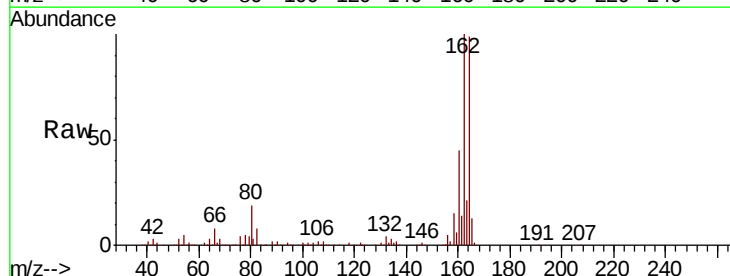
Instrument :
 BNA_G
 ClientSampleId :
 PB125122BL

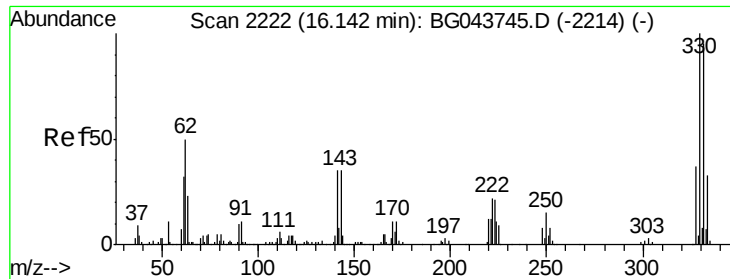
Tot Ion	82	Resp	515469
Ion Ratio	Lower	Upper	
82	100		
128	42.6	31.3	46.9
54	49.9	42.7	64.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG043780.D
 Acq: 26 Nov 2019 16:35

Tgt Ion	164	Resp	252729
Ion Ratio	Lower	Upper	
164	100		
162	100.6	80.6	121.0
160	45.2	36.3	54.5

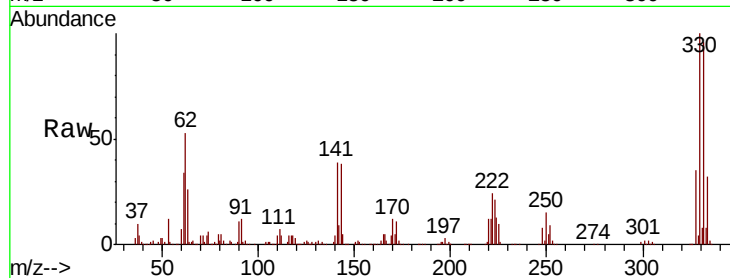




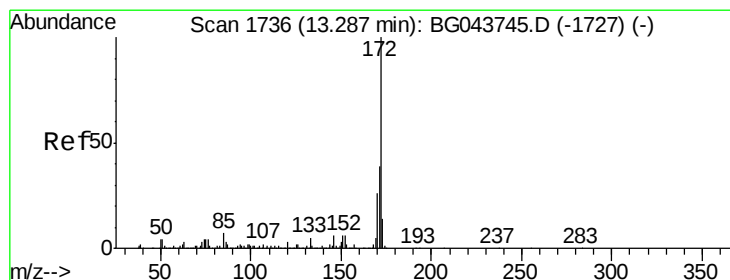
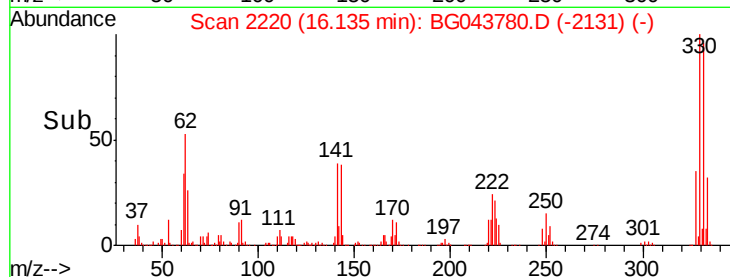
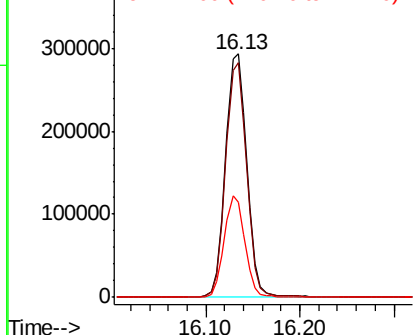
#42
 2,4,6-Tribromophenol
 Concen: 152.243 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043780.D
 Acq: 26 Nov 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 PB125122BL

Tot Ion:330 Resp: 464082
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 40.8 31.4 47.2

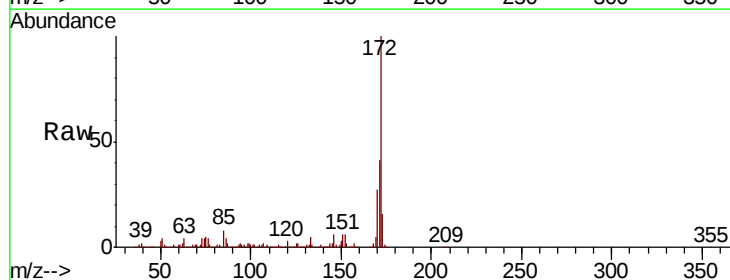


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

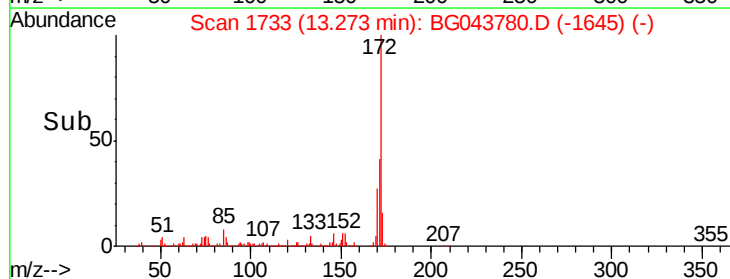
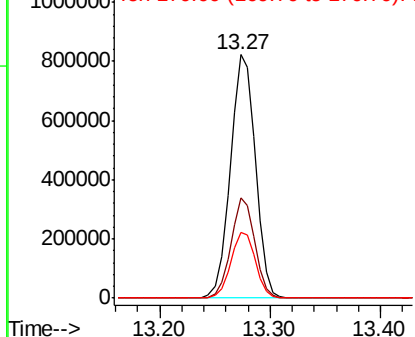


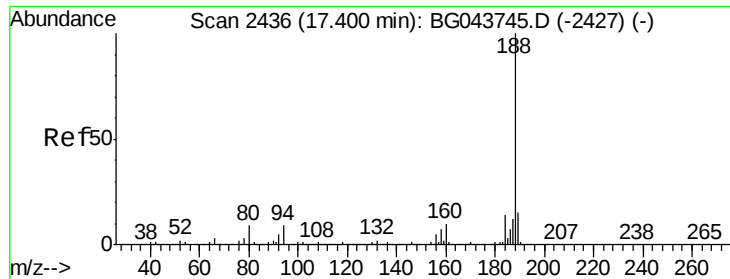
#45
 2-Fluorobiphenyl
 Concen: 84.927 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043780.D
 Acq: 26 Nov 2019 16:35

Tgt Ion:172 Resp: 1305742
 Ion Ratio Lower Upper
 172 100
 171 41.0 31.0 46.6
 170 26.9 21.0 31.4



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

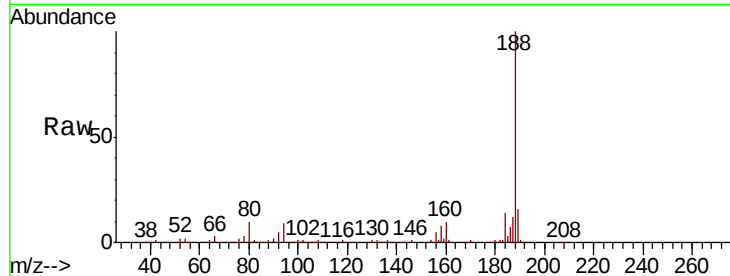




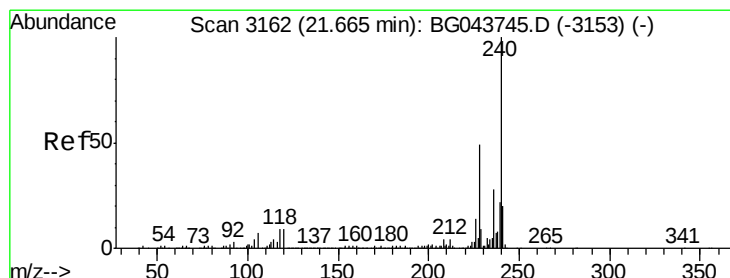
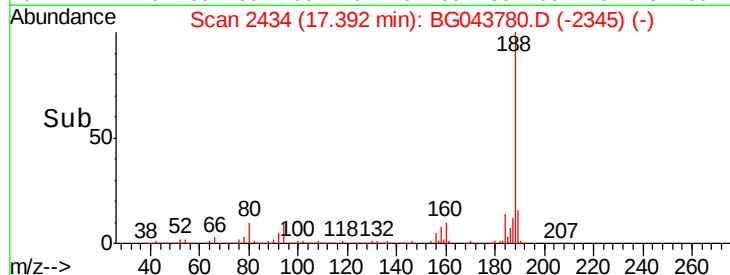
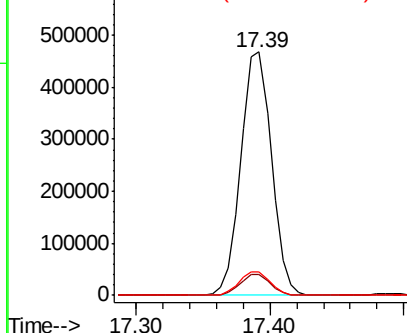
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043780.D
Acq: 26 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
PB125122BL

Tot Ion:188 Resp: 741409
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.7 7.5 11.3

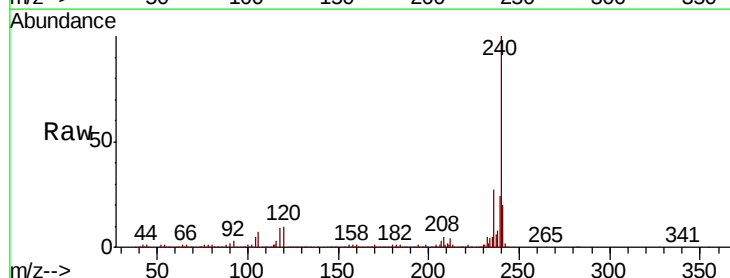


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

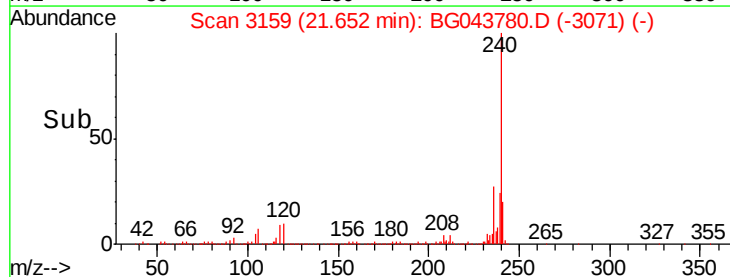
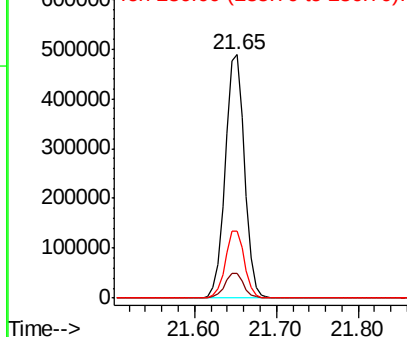


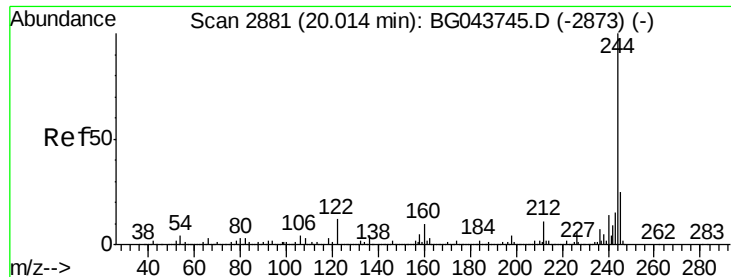
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043780.D
Acq: 26 Nov 2019 16:35

Tgt Ion:240 Resp: 795306
Ion Ratio Lower Upper
240 100
120 10.1 7.5 11.3
236 27.4 22.6 34.0



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: 85.571 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043780.D

Acq: 26 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

PB125122BL

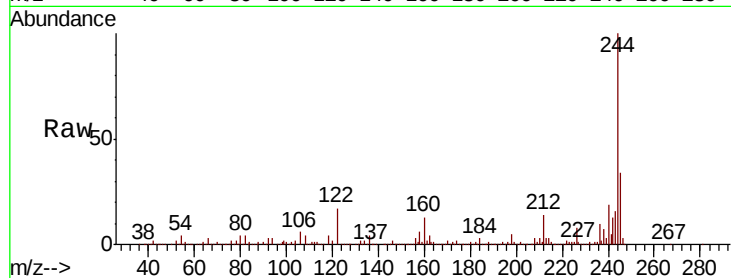
Tot Ion:244 Resp: 3011781

Ion Ratio Lower Upper

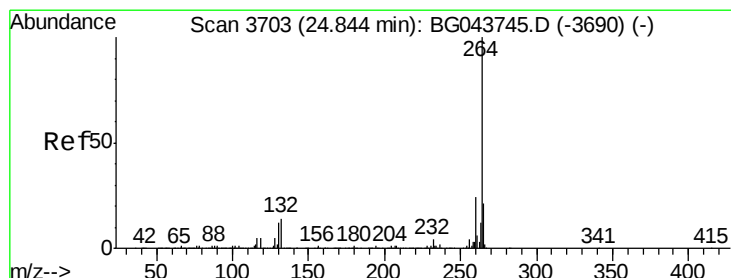
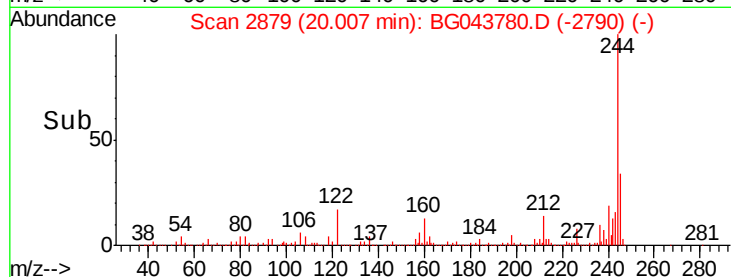
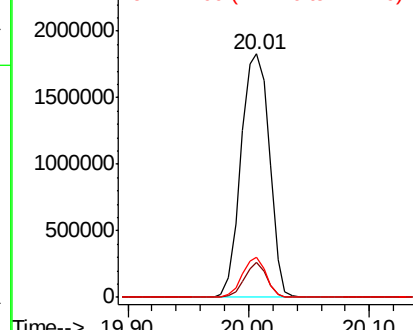
244 100

212 14.1 8.5 12.7#

122 16.6 9.5 14.3#



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: 24.82 min Scan# 3699

Delta R.T. -0.02 min

Lab File: BG043780.D

Acq: 26 Nov 2019 16:35

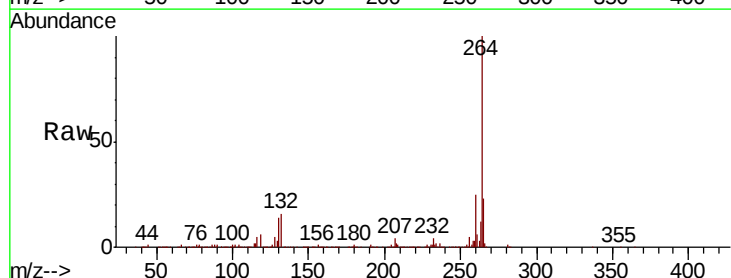
Tgt Ion:264 Resp: 770695

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.2

265 22.9 17.0 25.6



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

