

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043806.D
 Acq On : 11 Dec 2019 22:04
 Operator : JU
 Sample : K6208-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-COMP-1

Quant Time: Dec 12 02:53:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

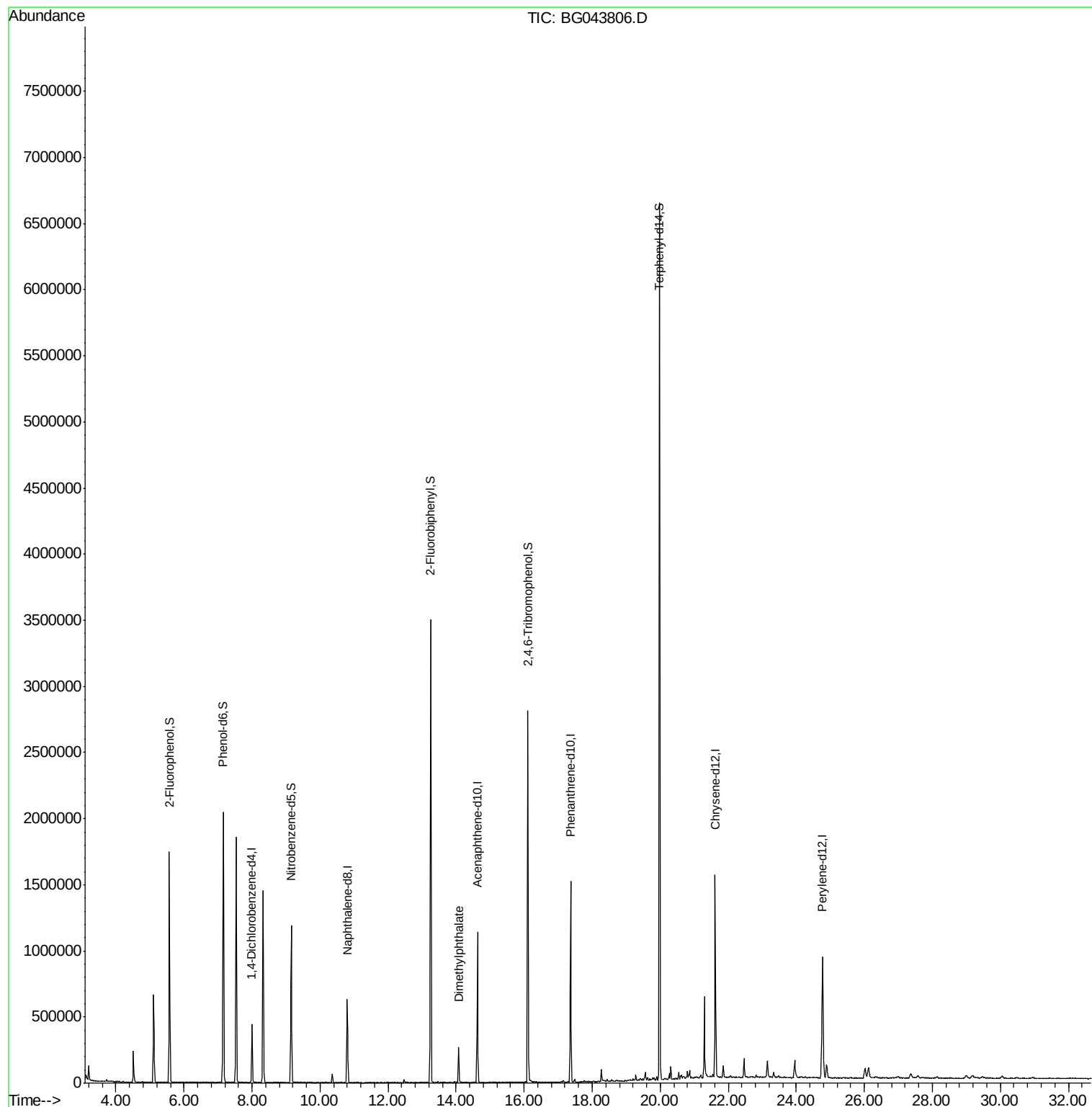
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	127286	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	562235	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	401963	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	957794	20.00	ng	0.00
76) Chrysene-d12	21.62	240	849057	20.00	ng	0.00
87) Perylene-d12	24.77	264	948234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	787439	117.21	ng	0.00
7) Phenol-d6	7.16	99	1244793	128.48	ng	0.00
23) Nitrobenzene-d5	9.15	82	730862	72.99	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	466876	121.83	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1781918	77.87	ng	0.00
79) Terphenyl-d14	19.98	244	2796020	79.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.07	163	186201	6.490	ng	99

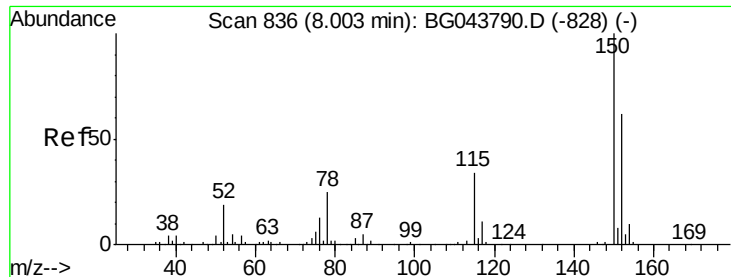
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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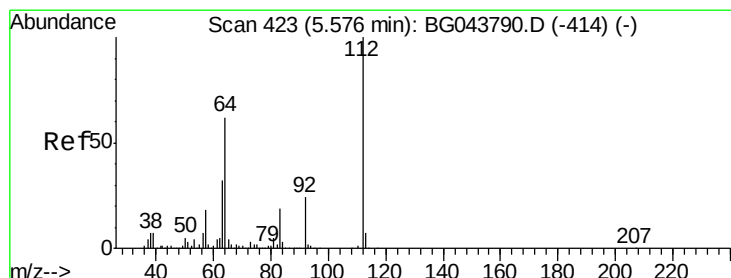
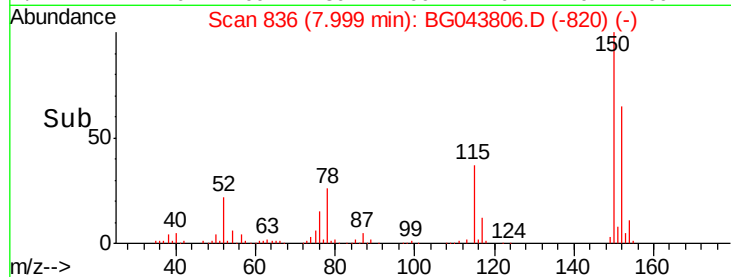
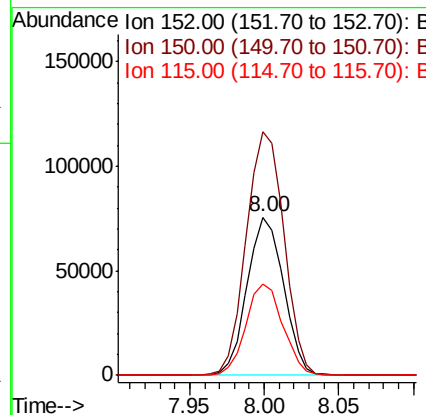
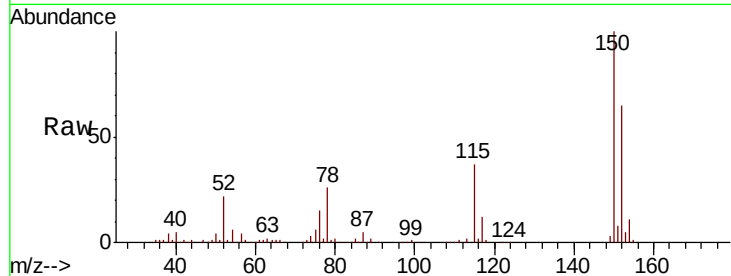


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-1

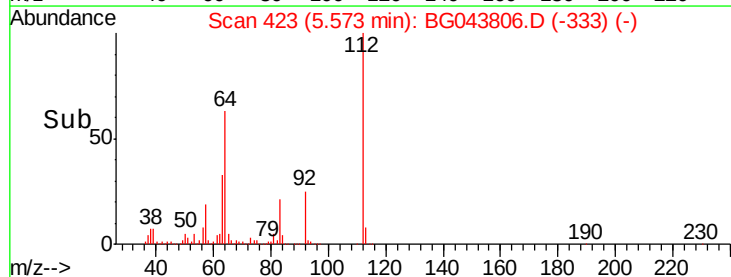
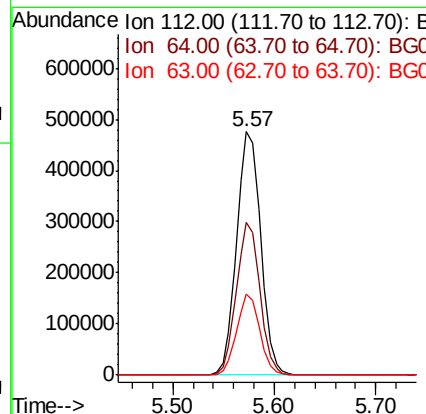
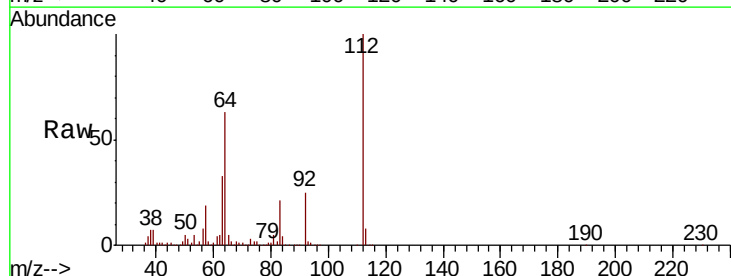
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	128.6	192.8
115	57.6	44.3	66.5

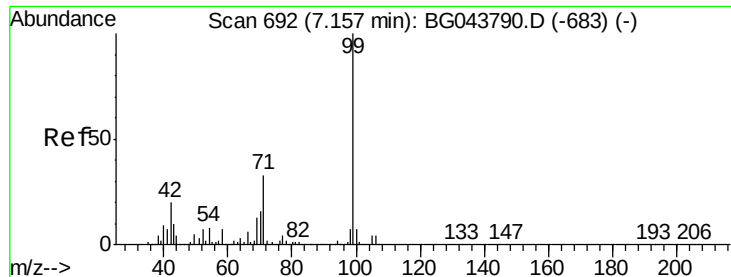


#5

2-Fluorophenol
Concen: 117.215 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	49.9	74.9
63	33.0	26.0	39.0





#7

Phenol-d6

Concen: 128.482 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG043806.D

Acq: 11 Dec 2019 22:04

Instrument :

BNA_G

ClientSampleId :

CONCRETE-COMP-1

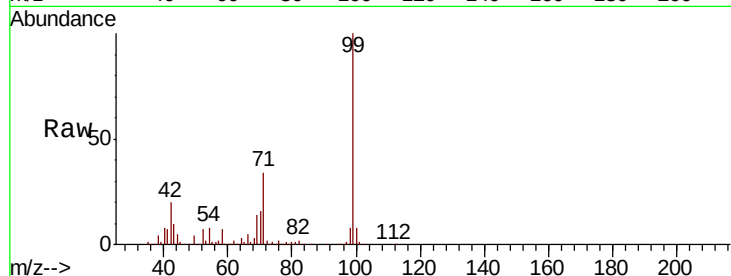
Tot Ion: 99 Resp: 1244793

Ion Ratio Lower Upper

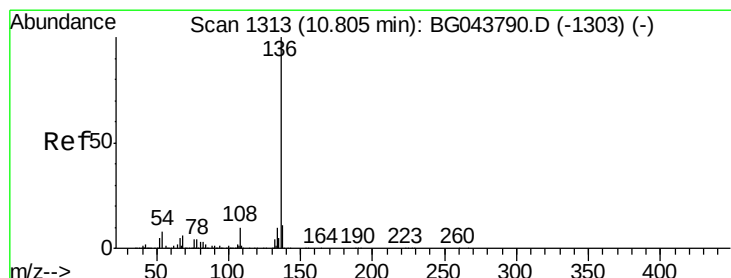
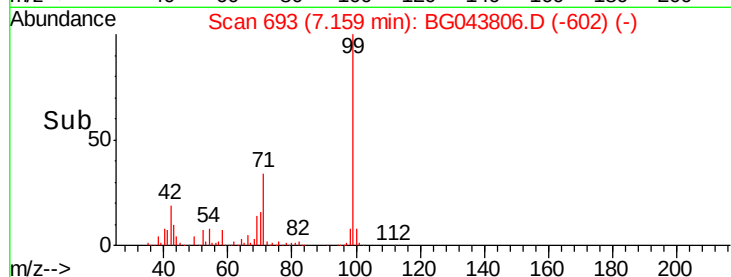
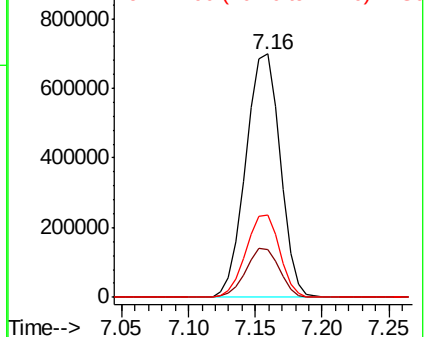
99 100

42 19.5 16.2 24.2

71 33.6 26.6 40.0



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: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043806.D

Acq: 11 Dec 2019 22:04

Tgt Ion: 136 Resp: 562235

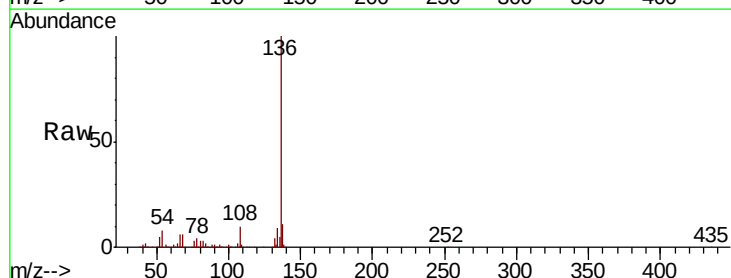
Ion Ratio Lower Upper

136 100

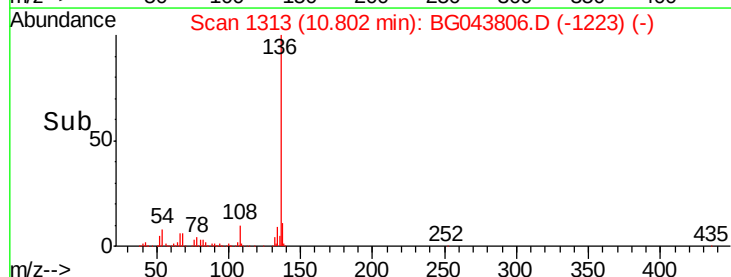
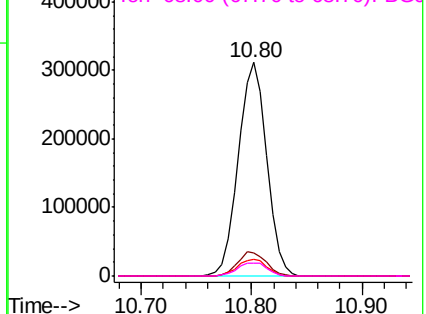
137 11.1 8.7 13.1

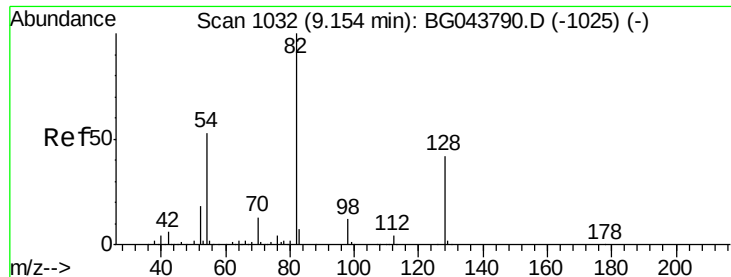
54 7.9 6.8 10.2

68 5.7 5.0 7.4



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

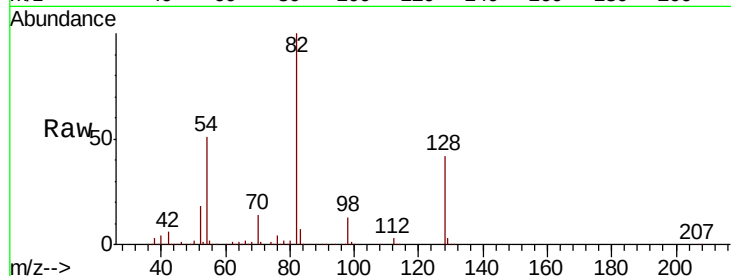




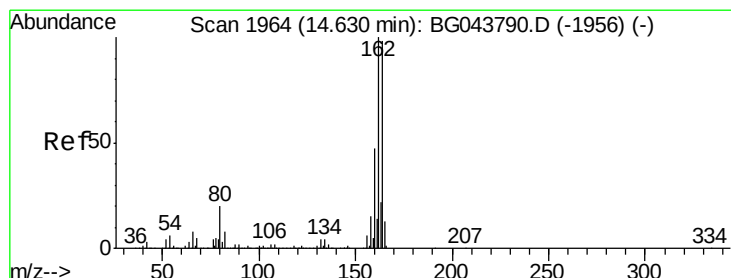
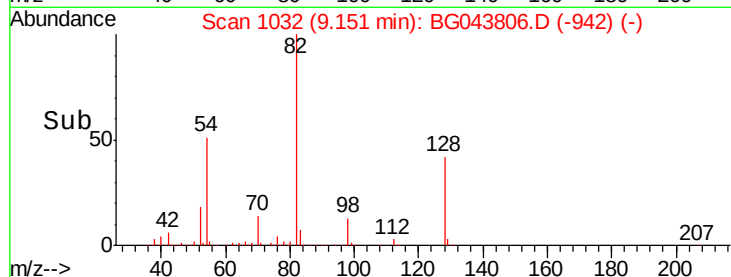
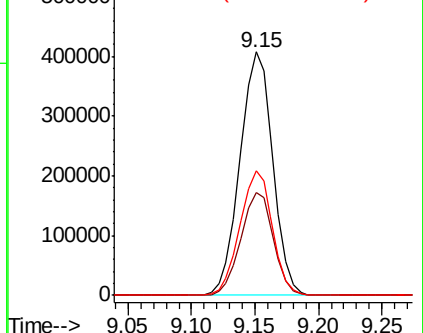
#23
Nitrobenzene-d5
Concen: 72.987 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-1

Tot Ion: 82 Resp: 730862
Ion Ratio Lower Upper
82 100
128 42.4 33.6 50.4
54 51.1 42.1 63.1

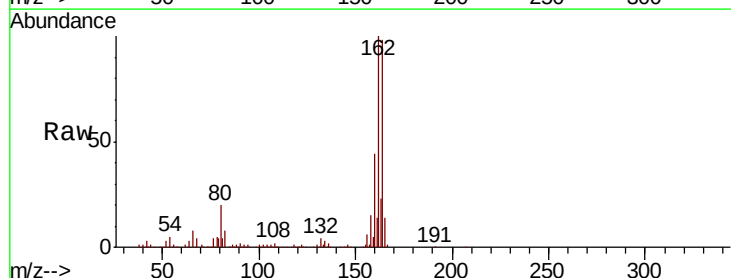


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

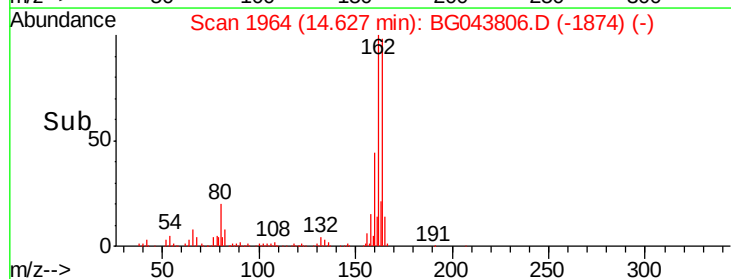
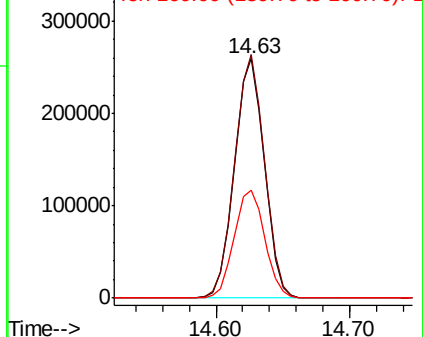


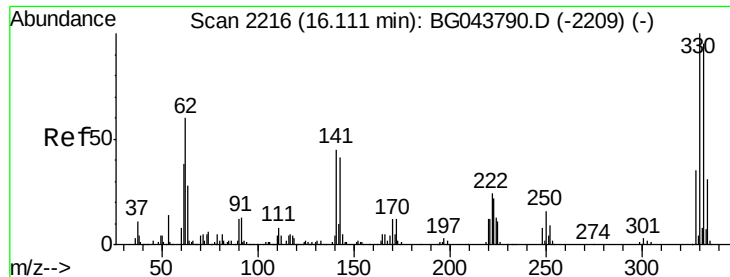
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Tgt Ion:164 Resp: 401963
Ion Ratio Lower Upper
164 100
162 101.8 81.9 122.9
160 45.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 121.832 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG043806.D

Acq: 11 Dec 2019 22:04

Instrument :

BNA_G

ClientSampleId :

CONCRETE-COMP-1

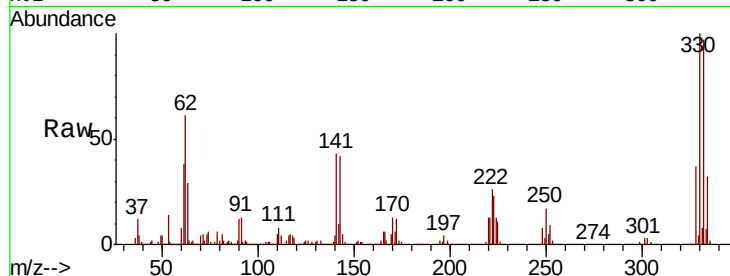
Tot Ion:330 Resp: 466876

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

141 41.8 33.8 50.8

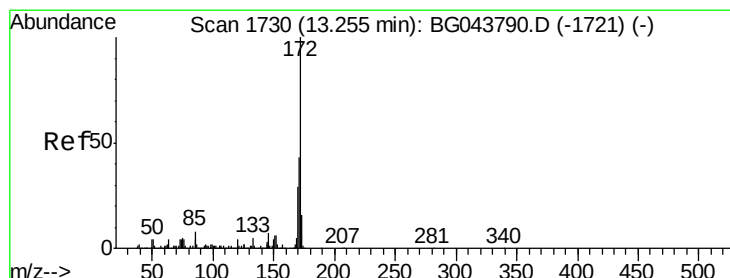
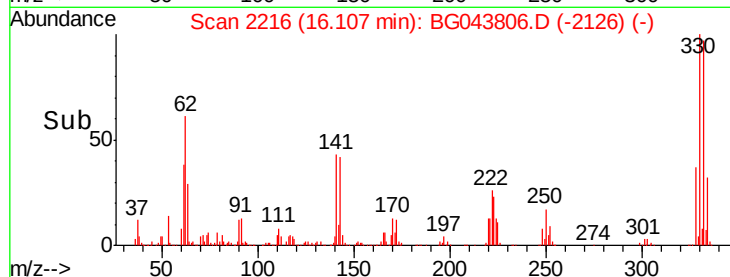
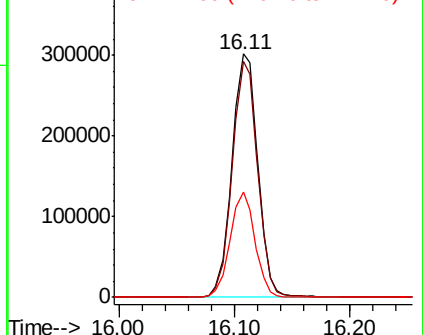


Abundance

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: 77.869 ng

RT: 13.25 min Scan# 1730

Delta R.T. -0.00 min

Lab File: BG043806.D

Acq: 11 Dec 2019 22:04

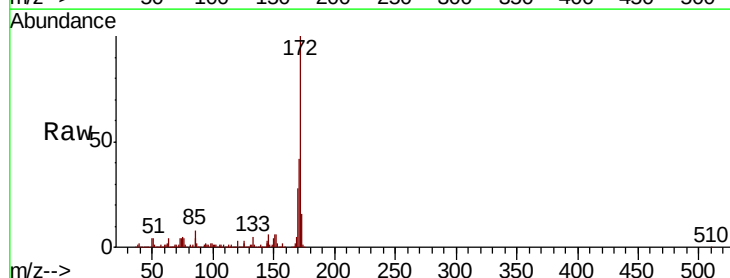
Tgt Ion:172 Resp: 1781918

Ion Ratio Lower Upper

172 100

171 42.5 34.6 51.8

170 28.2 23.3 34.9

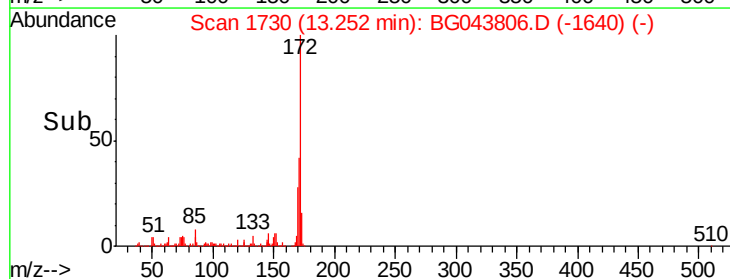
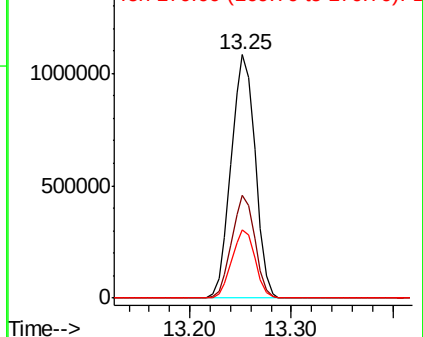


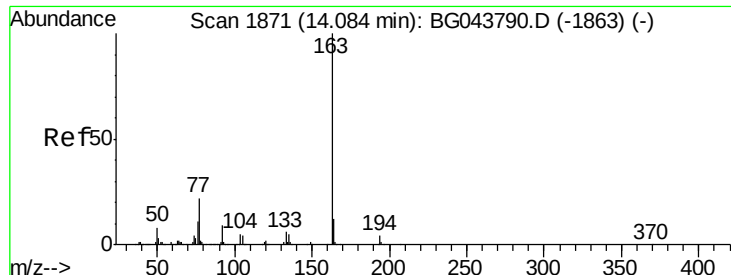
Abundance

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

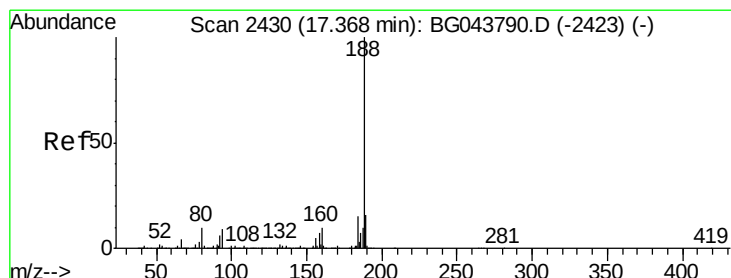
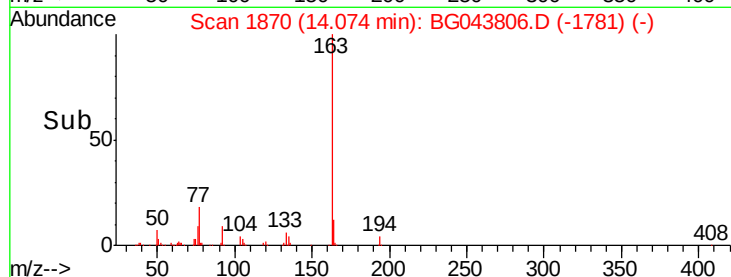
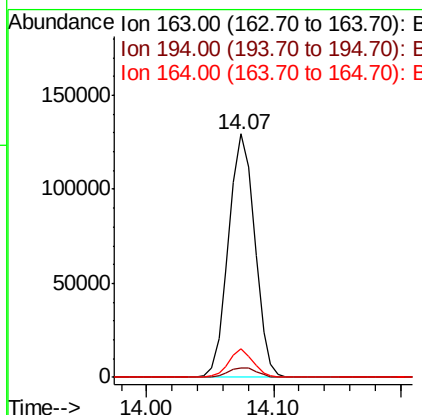
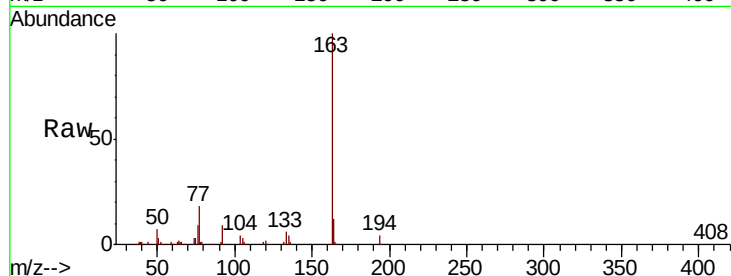




#50
Dimethylphthalate
Concen: 6.490 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

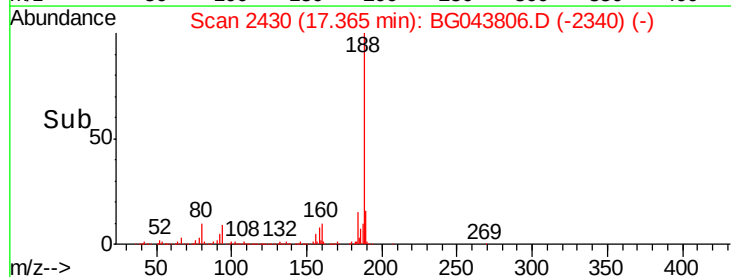
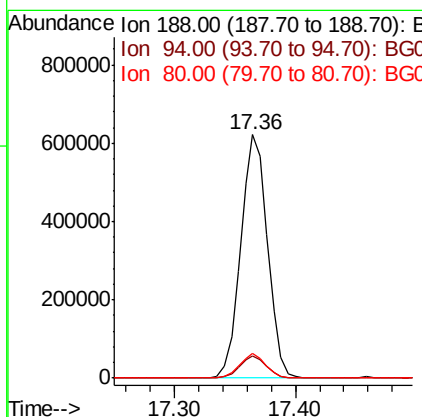
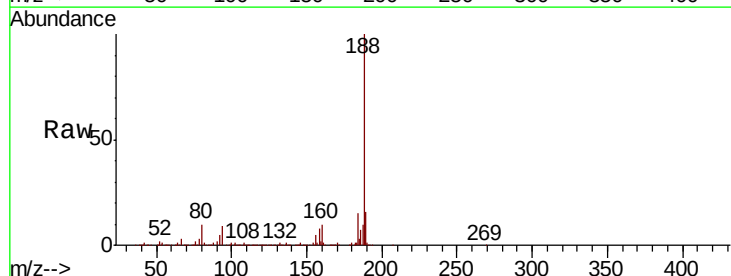
Instrument :
BNA_G
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CONCRETE-COMP-1

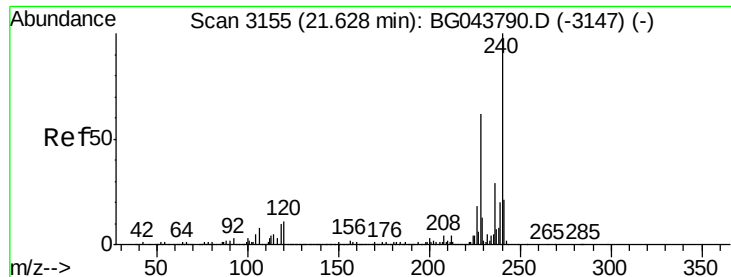
Tot Ion:163 Resp: 186201
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 11.6 9.4 14.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Tgt Ion:188 Resp: 957794
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.0 7.8 11.8

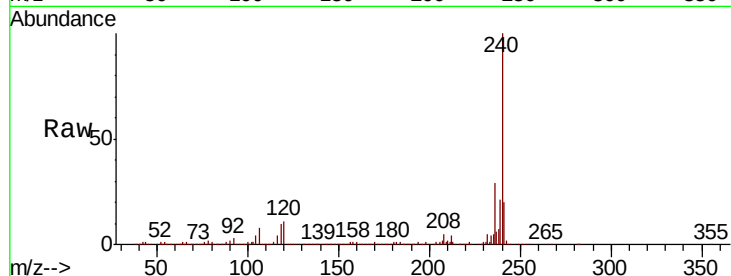




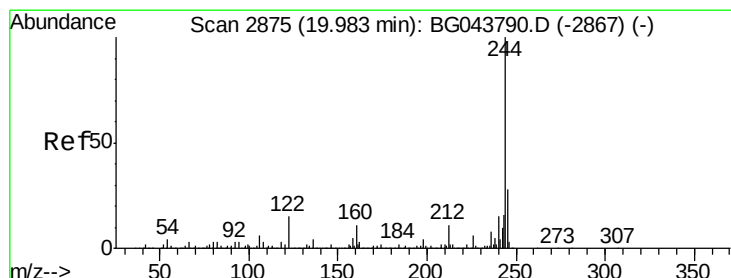
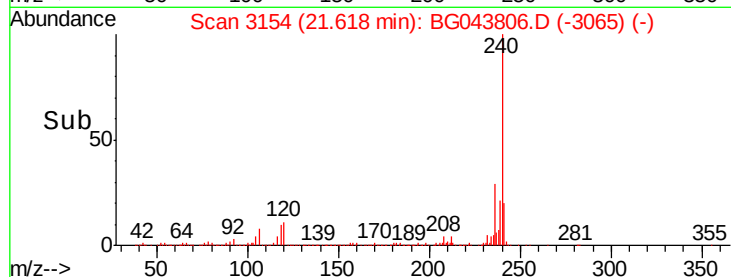
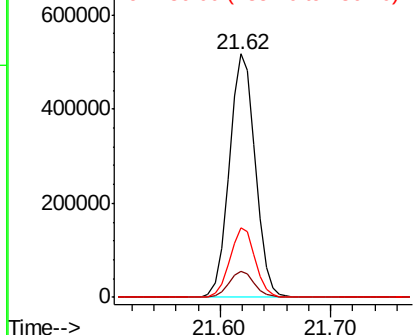
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-1

Tot Ion:240 Resp: 849057
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 28.6 23.1 34.7

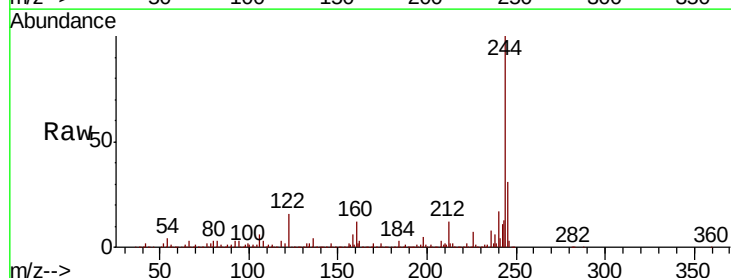


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

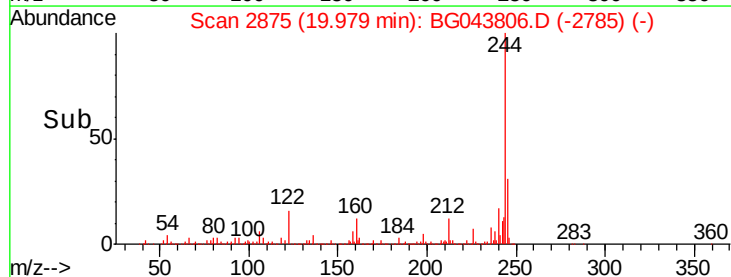
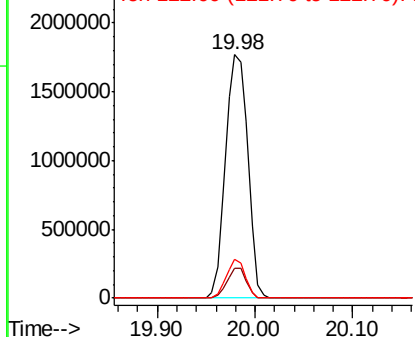


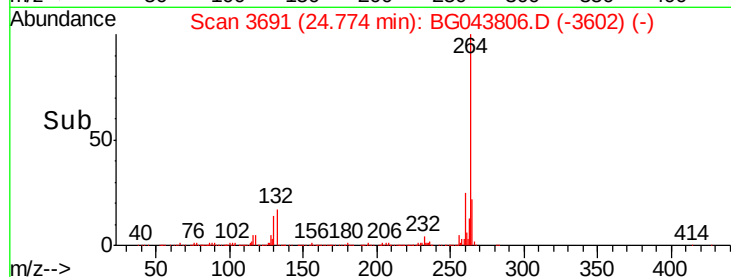
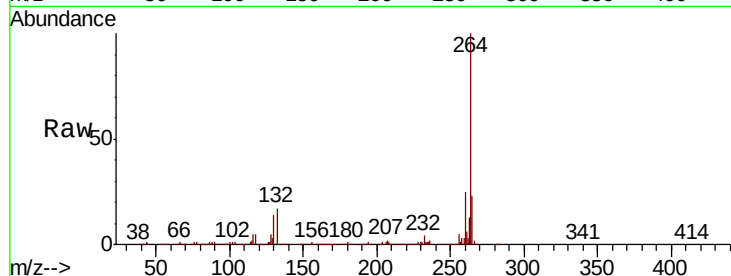
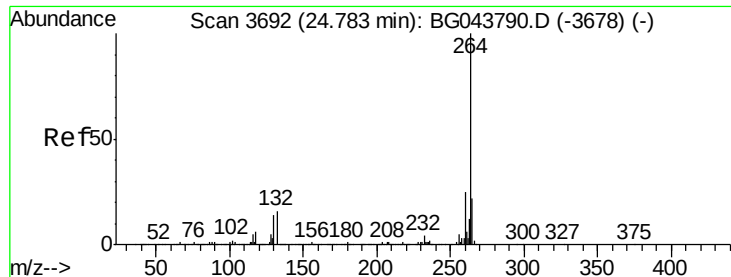
#79
Terphenyl-d14
Concen: 79.224 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Tgt Ion:244 Resp: 2796020
Ion Ratio Lower Upper
244 100
212 12.4 9.1 13.7
122 15.7 11.6 17.4



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
Pervlene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	22.6	17.9	26.9

