

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043807.D
 Acq On : 11 Dec 2019 22:43
 Operator : JU
 Sample : K6208-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-COMP-2

Quant Time: Dec 12 03:01:06 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

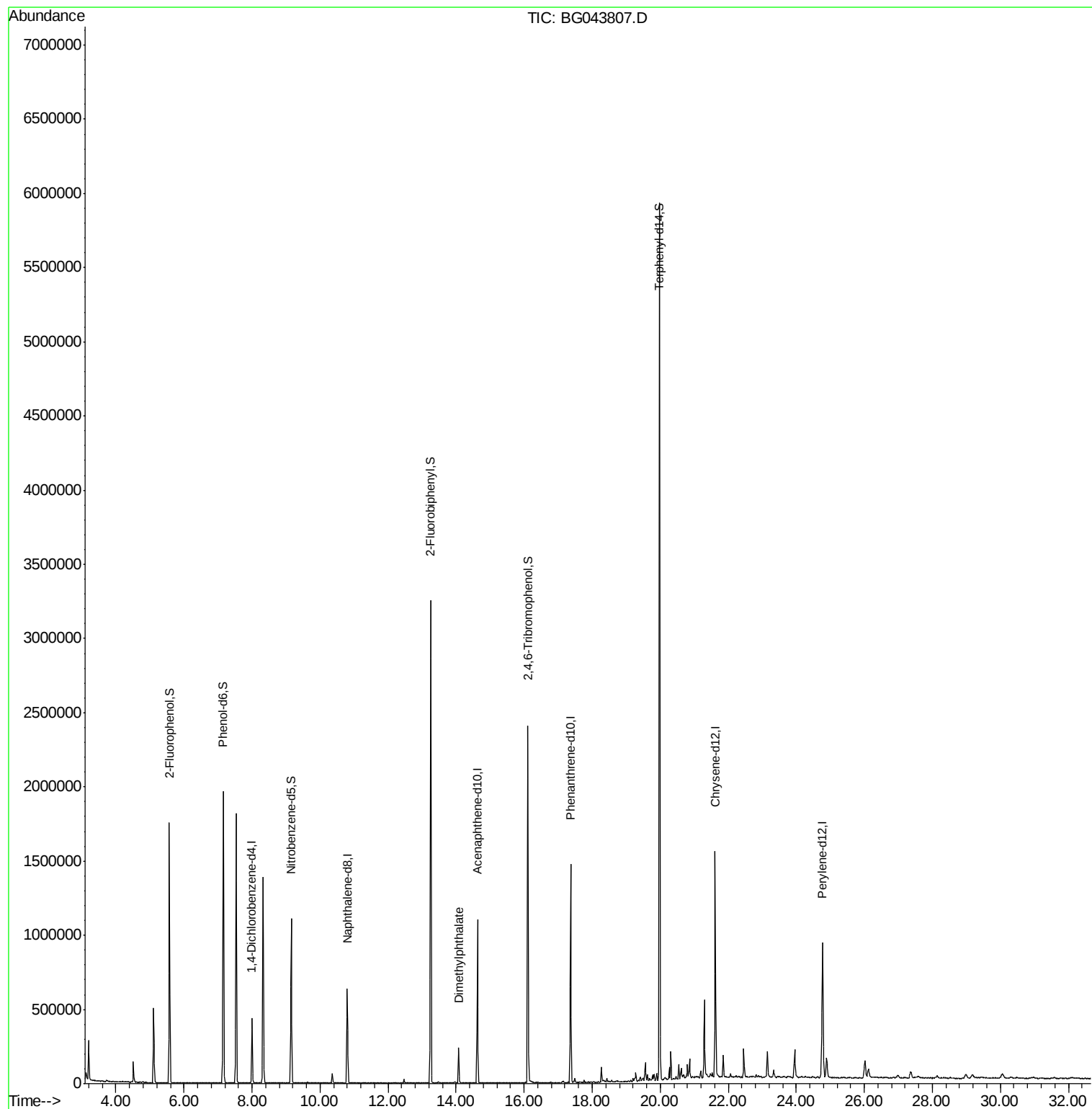
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	129343	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	565952	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	400290	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	955487	20.00	ng	0.00
76) Chrysene-d12	21.62	240	823771	20.00	ng	0.00
87) Perylene-d12	24.77	264	917830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	794217	116.34	ng	0.00
7) Phenol-d6	7.16	99	1184766	120.34	ng	0.00
23) Nitrobenzene-d5	9.15	82	681282	67.59	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	422088	110.61	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1642331	72.07	ng	0.00
79) Terphenyl-d14	19.98	244	2513730	73.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.07	163	160822	5.629	ng	Qvalue 98

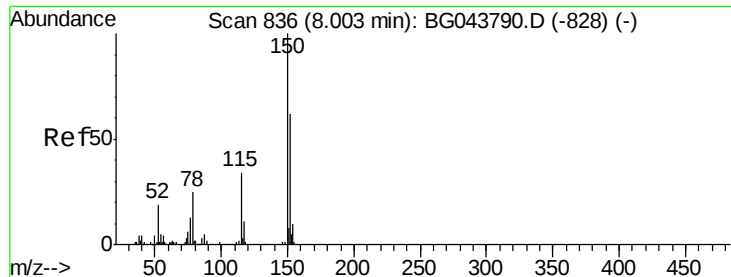
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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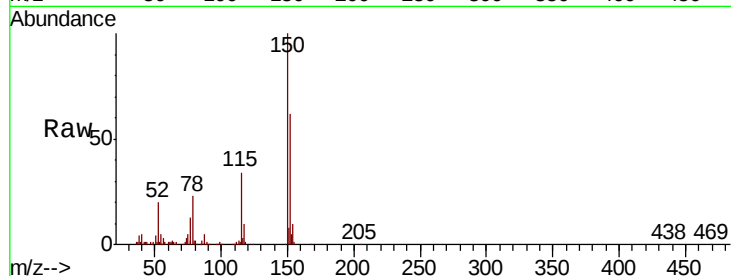


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	128.6	192.8
115	54.5	44.3	66.5

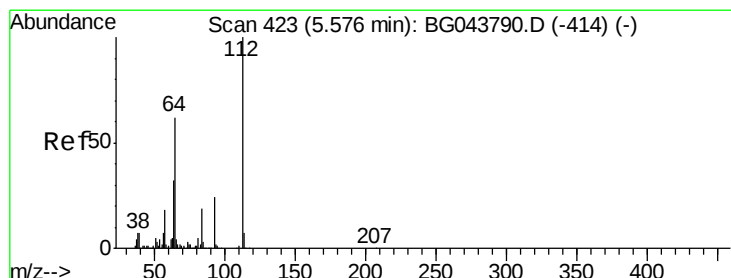
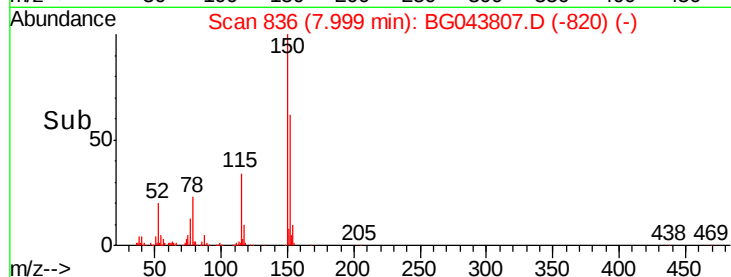
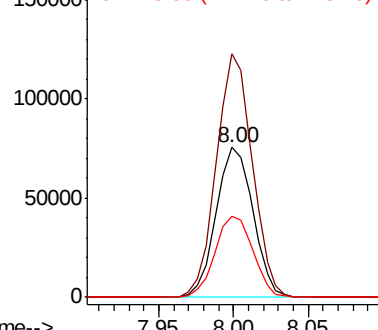


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

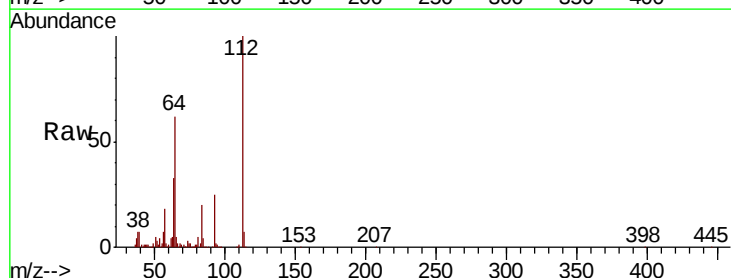
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.344 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.9	74.9
63	33.3	26.0	39.0

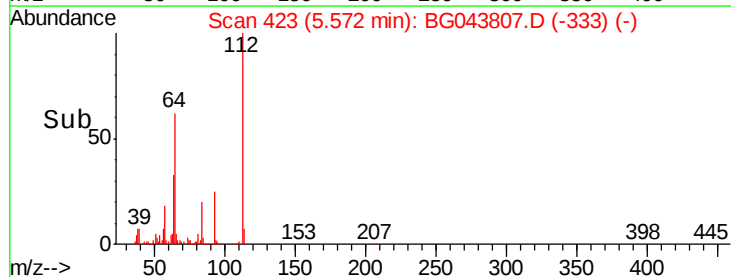
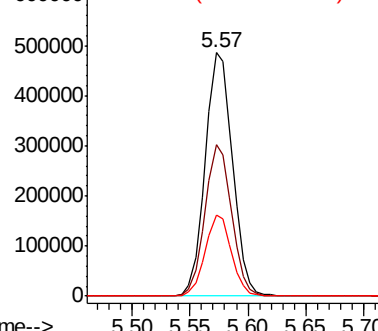


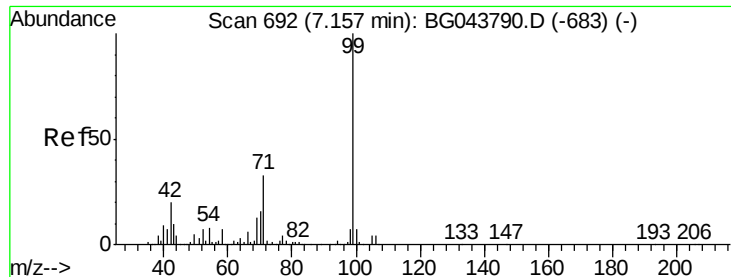
Abundance

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: 120.341 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG043807.D

Acq: 11 Dec 2019 22:43

Instrument :

BNA_G

ClientSampleId :

CONCRETE-COMP-2

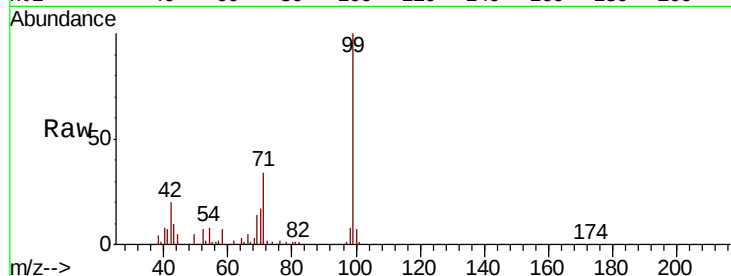
Tot Ion: 99 Resp: 1184766

Ion Ratio Lower Upper

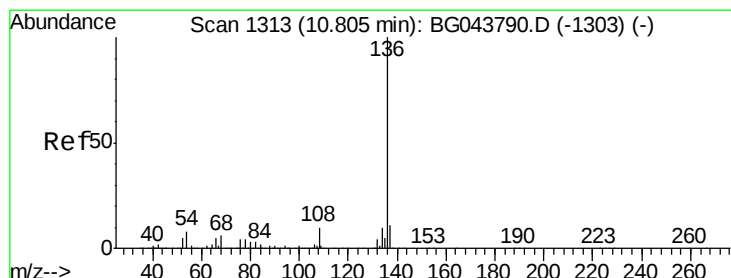
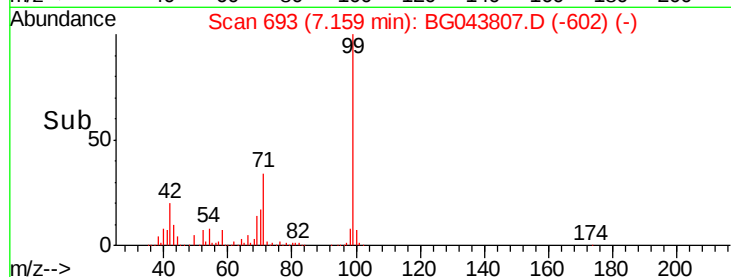
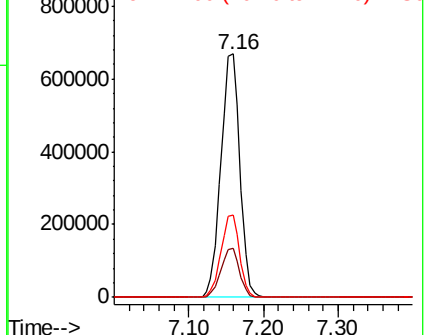
99 100

42 20.0 16.2 24.2

71 33.8 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: BG043807.D

Acq: 11 Dec 2019 22:43

Tgt Ion: 136 Resp: 565952

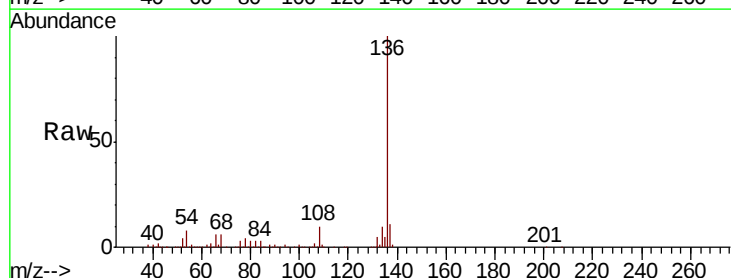
Ion Ratio Lower Upper

136 100

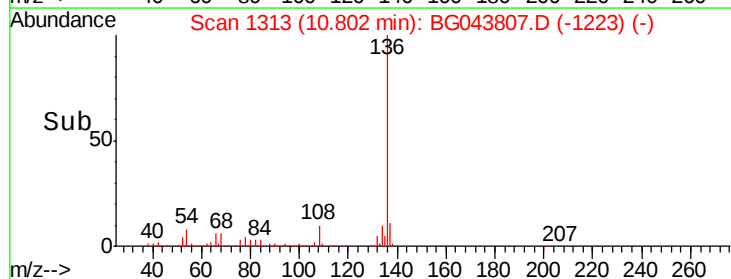
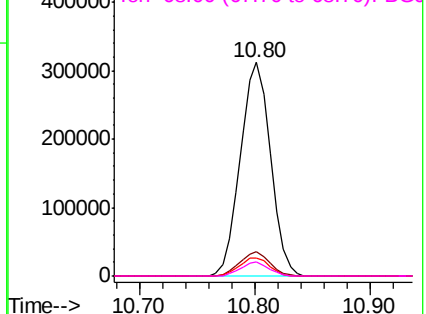
137 11.2 8.7 13.1

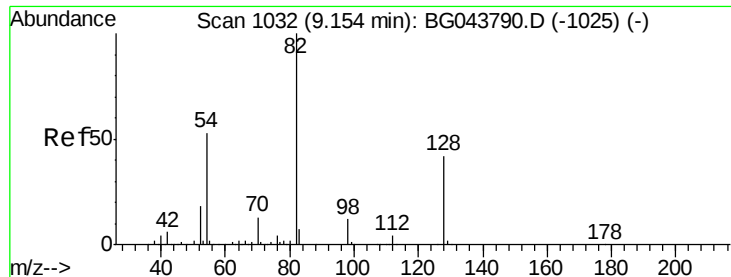
54 8.4 6.8 10.2

68 6.4 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

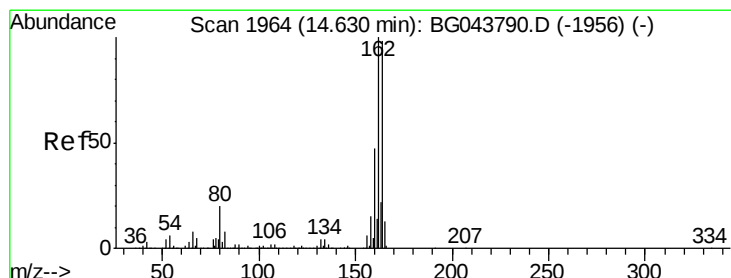
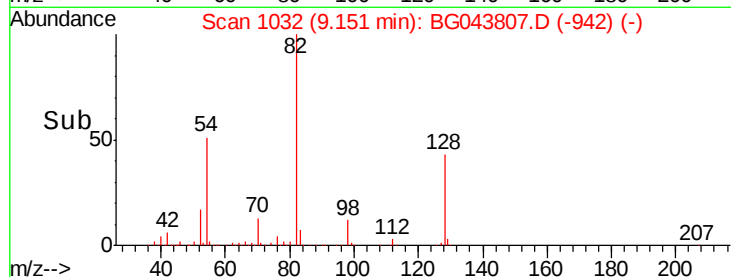
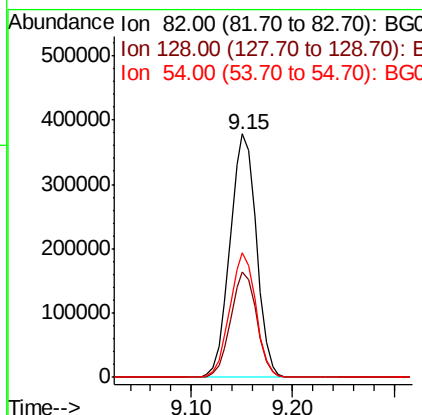
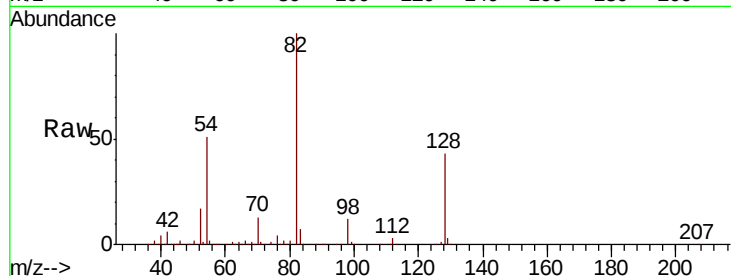




#23
Nitrobenzene-d5
Concen: 67.589 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

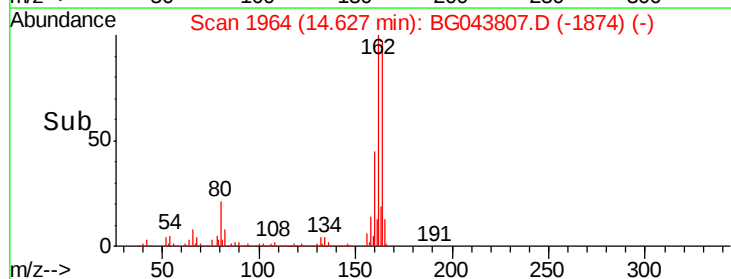
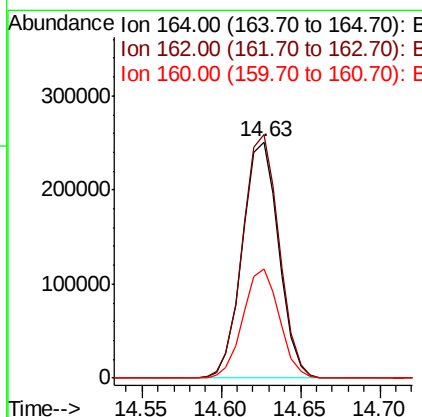
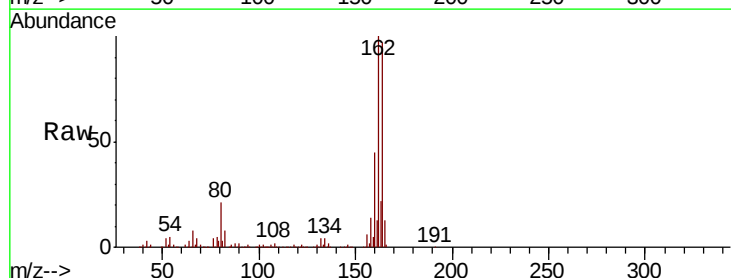
Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

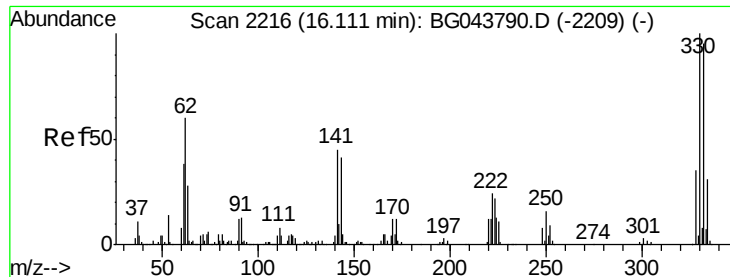
Tot Ion	82.00 (81.70 to 82.70): BGC	Resp	681282
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.6	50.4
54	51.4	42.1	63.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion	164.00 (163.70 to 164.70): BGC	Resp	400290
Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.9	122.9
160	46.1	38.3	57.5

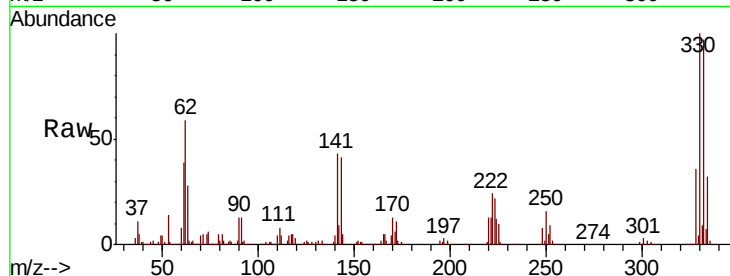




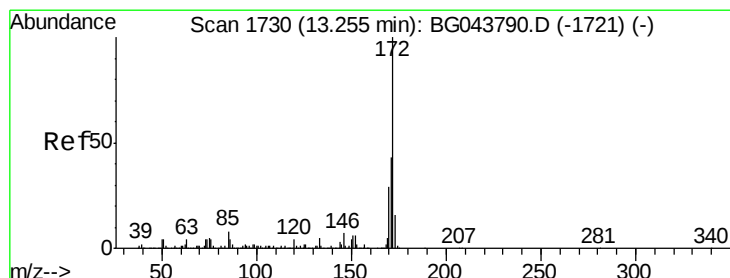
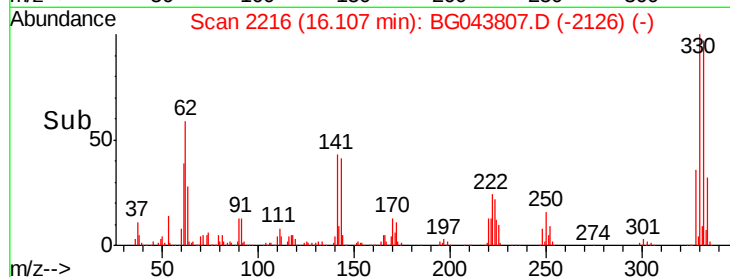
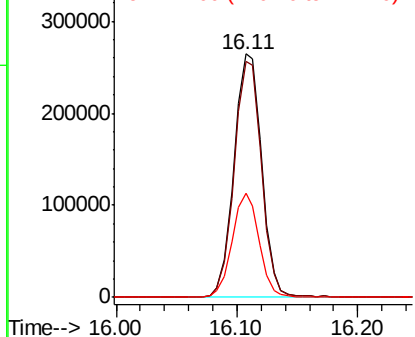
#42
 2,4,6-Tribromophenol
 Concen: 110.605 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG043807.D
 Acq: 11 Dec 2019 22:43

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-COMP-2

Tot Ion:330 Resp: 422088
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 41.6 33.8 50.8

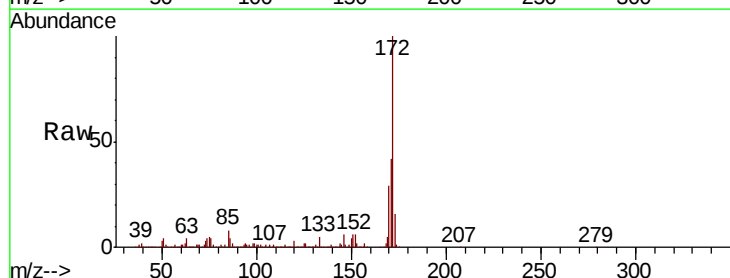


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

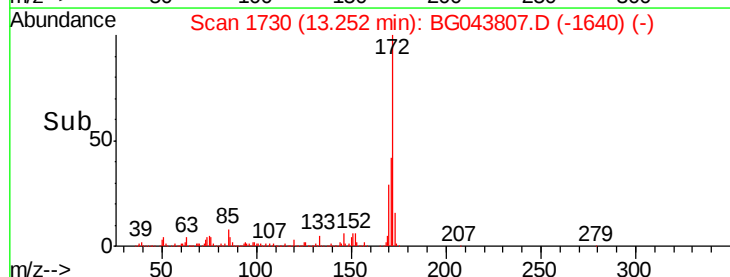
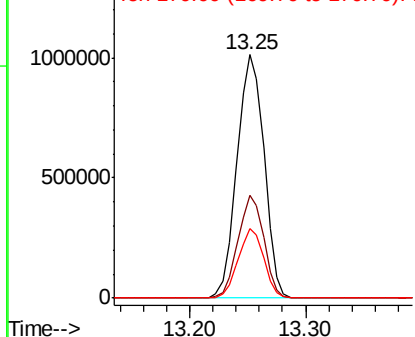


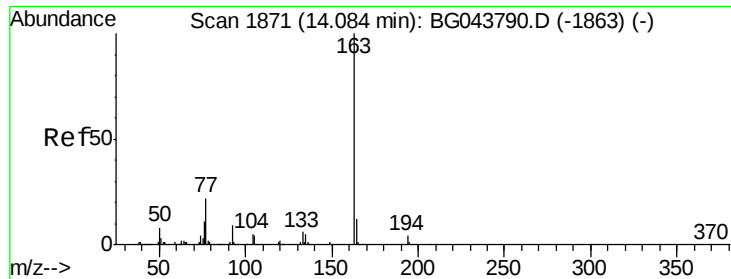
#45
 2-Fluorobiphenyl
 Concen: 72.069 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG043807.D
 Acq: 11 Dec 2019 22:43

Tgt Ion:172 Resp: 1642331
 Ion Ratio Lower Upper
 172 100
 171 42.3 34.6 51.8
 170 28.7 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: 5.629 ng

RT: 14.07 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG043807.D

Acq: 11 Dec 2019 22:43

Instrument :

BNA_G

ClientSampleId :

CONCRETE-COMP-2

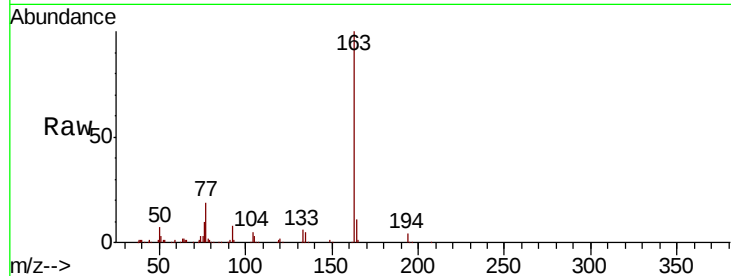
Tot Ion:163 Resp: 160822

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

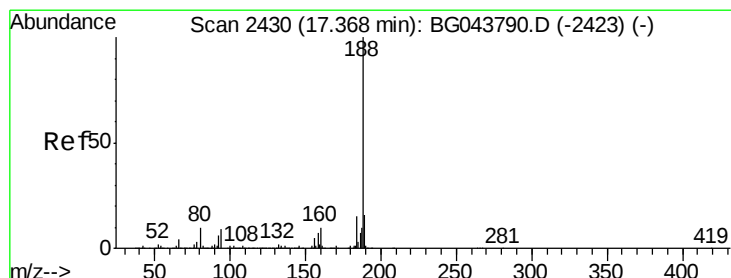
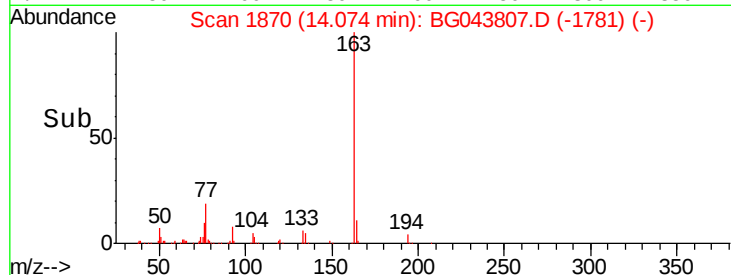
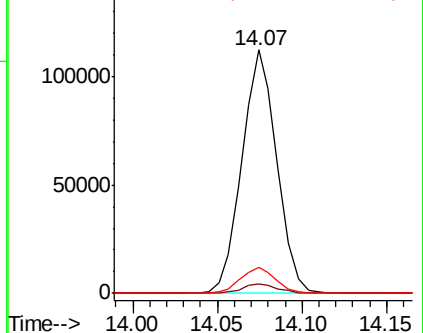
164 10.6 9.4 14.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG043807.D

Acq: 11 Dec 2019 22:43

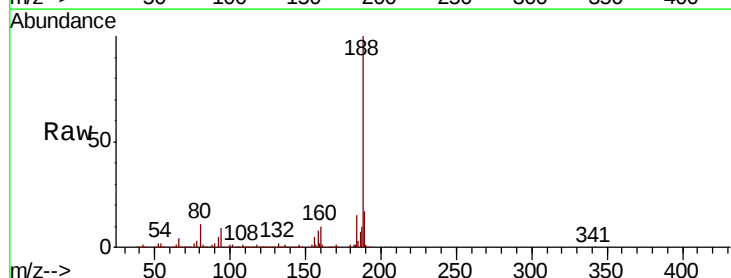
Tgt Ion:188 Resp: 955487

Ion Ratio Lower Upper

188 100

94 9.4 6.9 10.3

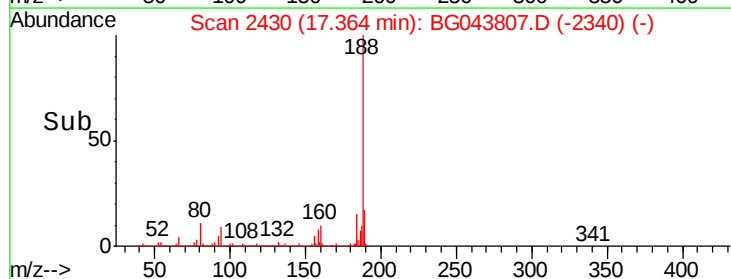
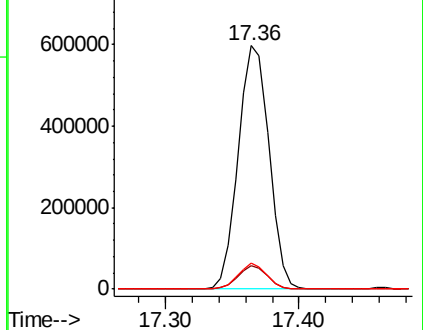
80 10.6 7.8 11.8

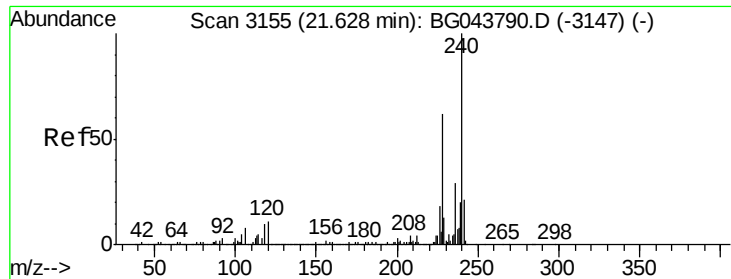


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG043807.D

Acq: 11 Dec 2019 22:43

Instrument :

BNA_G

ClientSampleId :

CONCRETE-COMP-2

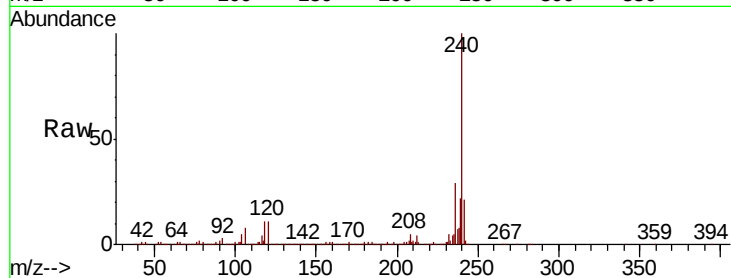
Tot Ion:240 Resp: 823771

Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

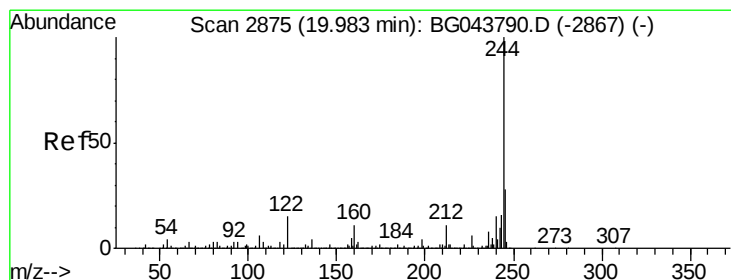
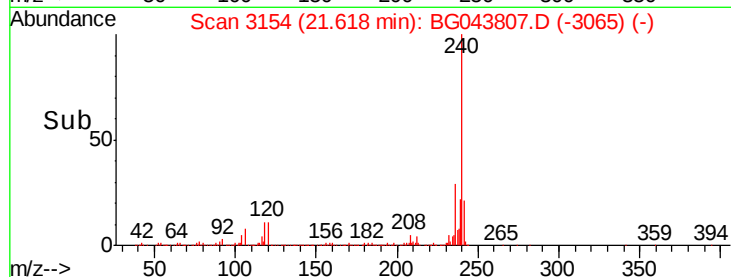
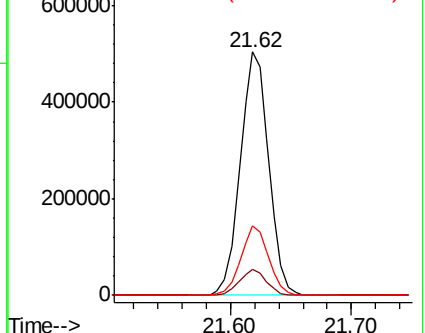
236 28.7 23.1 34.7



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: 73.412 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043807.D

Acq: 11 Dec 2019 22:43

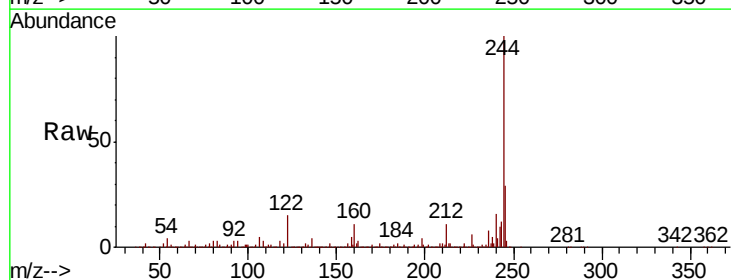
Tgt Ion:244 Resp: 2513730

Ion Ratio Lower Upper

244 100

212 11.4 9.1 13.7

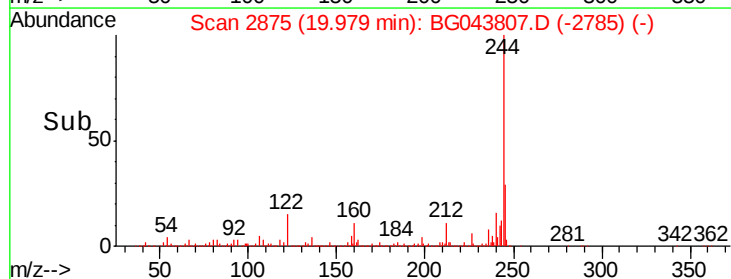
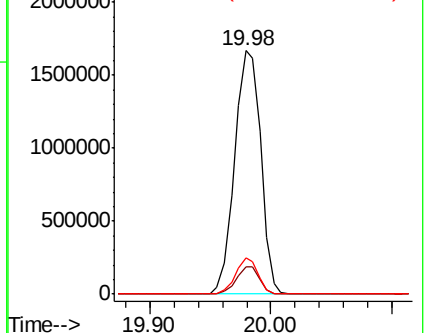
122 14.9 11.6 17.4

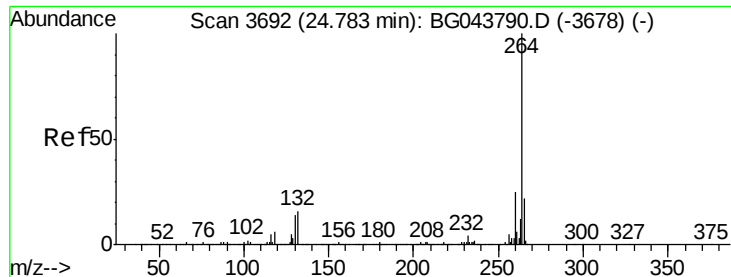


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG043807.D
 Acq: 11 Dec 2019 22:43

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-COMP-2

Tot Ion: 264 Resp: 917830
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.8
 265 22.9 17.9 26.9

