

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044945.D
 Acq On : 25 Mar 2020 2:01
 Operator : CG/JU
 Sample : L2014-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Mar 25 10:42:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

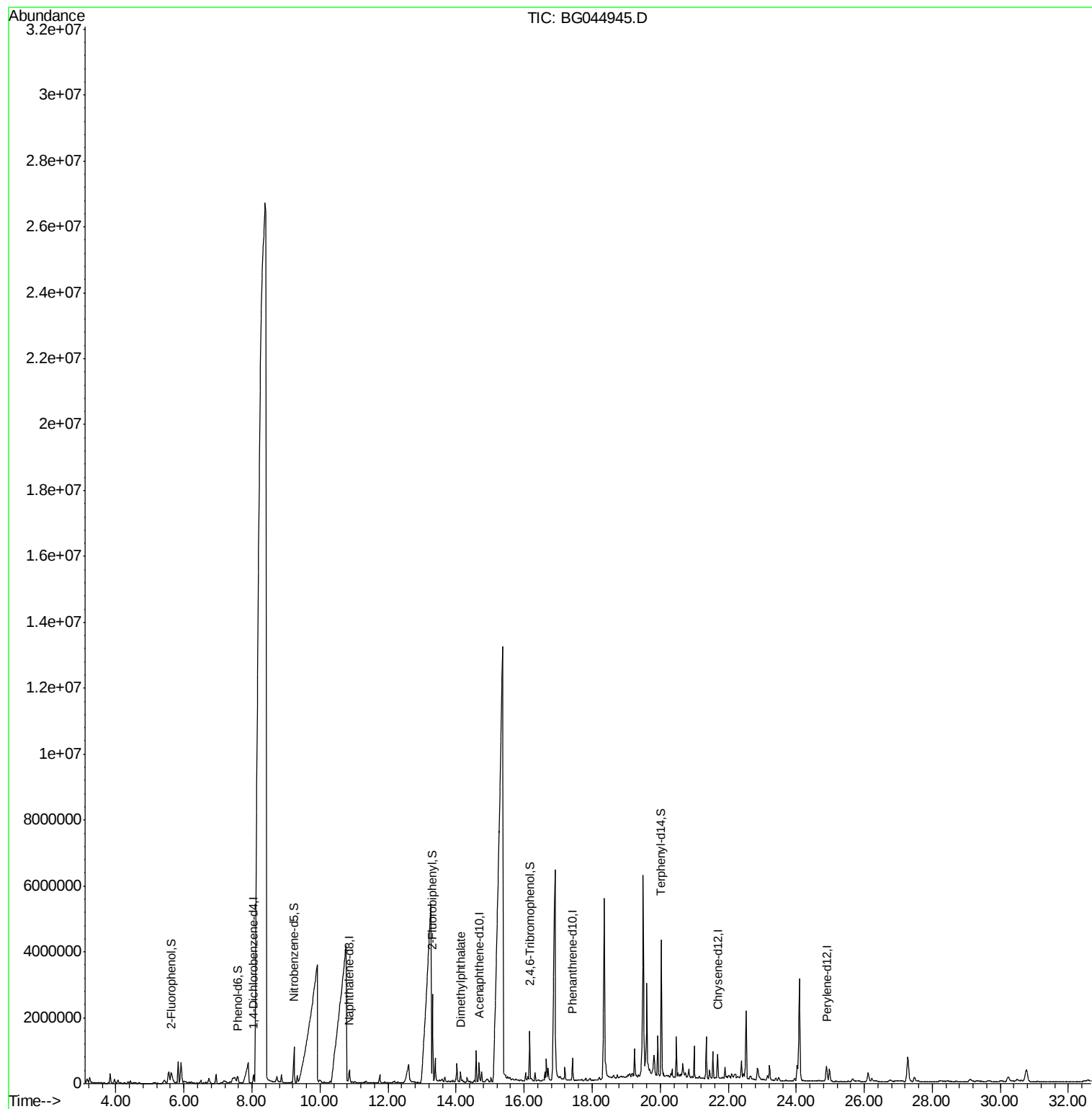
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82133	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	307981	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	207280	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	439929	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	450573	20.00	ng	-0.01
87) Perylene-d12	24.89	264	505833	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	245622	46.55	ng	0.03
7) Phenol-d6	7.58	99	181412	23.66	ng	0.37
23) Nitrobenzene-d5	9.23	82	703255	100.20	ng	0.03
42) 2,4,6-Tribromophenol	16.17	330	288621	106.34	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1373881	94.92	ng	0.00
79) Terphenyl-d14	20.03	244	1929296	80.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	61045	3.698	ng	Qvalue # 95

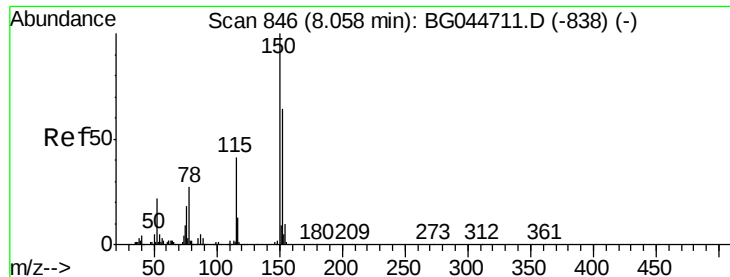
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG044945.D

Acq: 25 Mar 2020 2:01

Instrument :

BNA_G

ClientSampleId :

EFF-WW

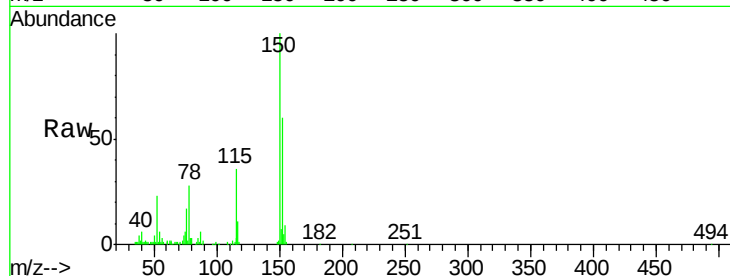
Tot Ion:152 Resp: 82133

Ion Ratio Lower Upper

152 100

150 166.9 128.8 193.2

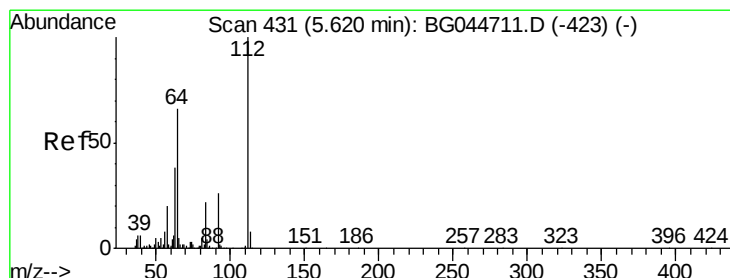
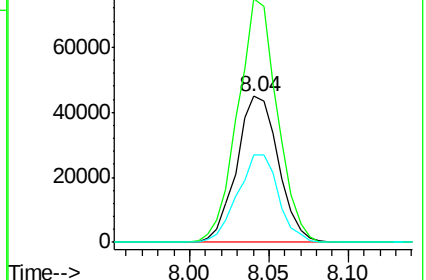
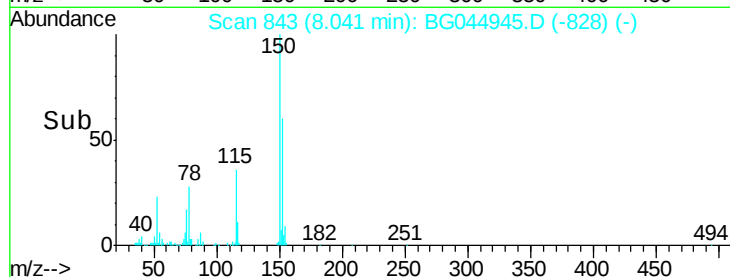
115 60.1 52.6 79.0



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: 46.554 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.03 min

Lab File: BG044945.D

Acq: 25 Mar 2020 2:01

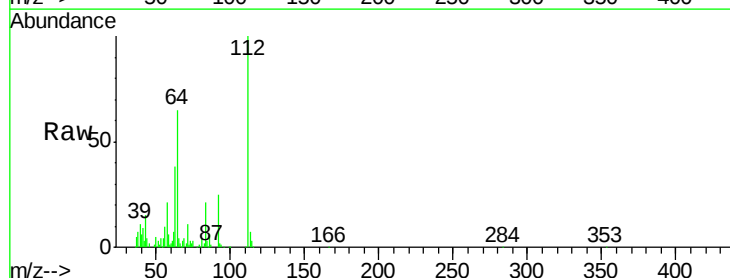
Tgt Ion:112 Resp: 245622

Ion Ratio Lower Upper

112 100

64 65.3 53.4 80.2

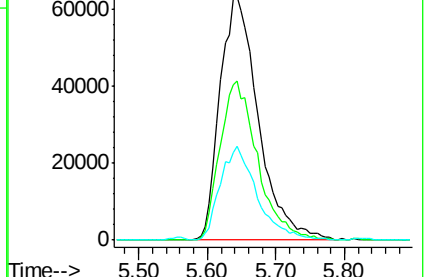
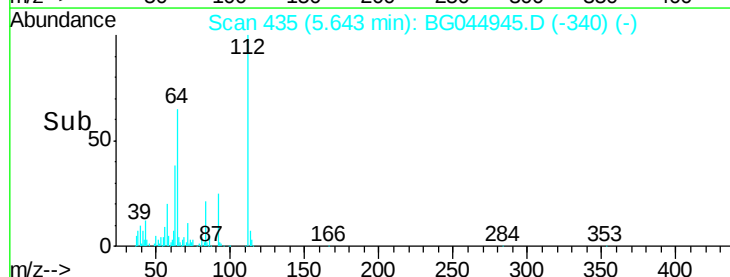
63 38.4 29.4 44.2

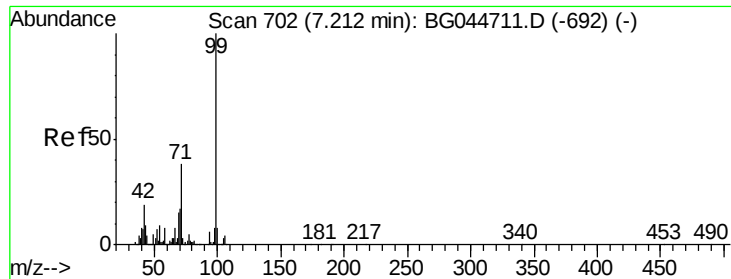


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.665 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.37 min

Lab File: BG044945.D

Acq: 25 Mar 2020 2:01

Instrument :

BNA_G

ClientSampleId :

EFF-WW

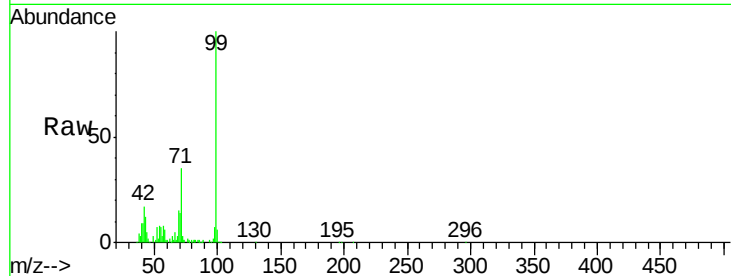
Tot Ion: 99 Resp: 181412

Ion Ratio Lower Upper

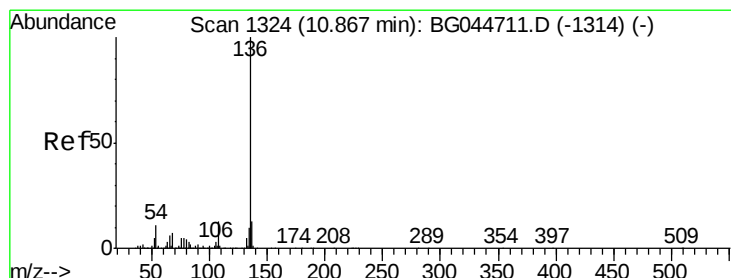
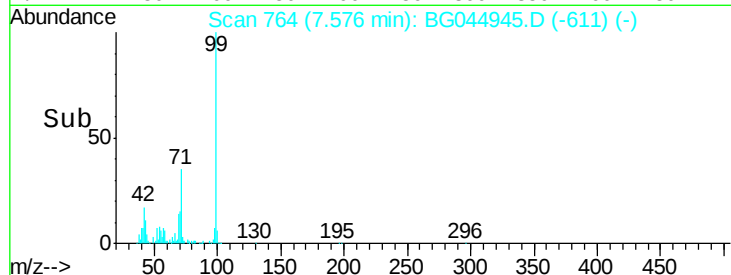
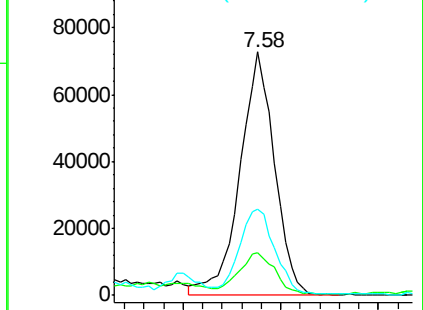
99 100

42 17.3 12.6 19.0

71 35.3 29.0 43.4



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: 10.86 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BG044945.D

Acq: 25 Mar 2020 2:01

Tgt Ion: 136 Resp: 307981

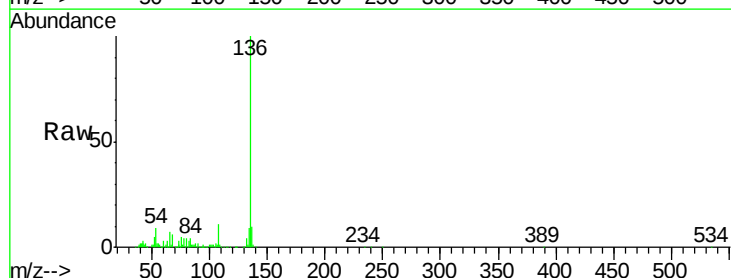
Ion Ratio Lower Upper

136 100

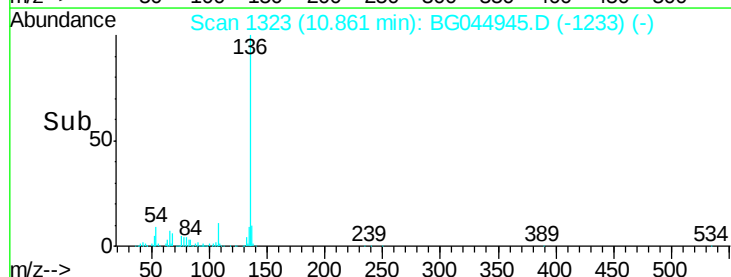
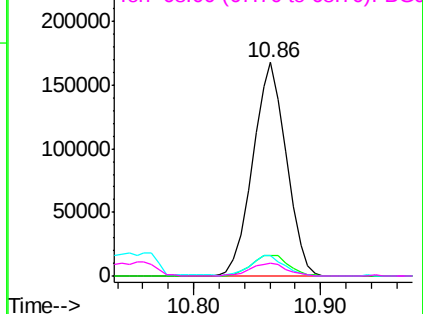
137 9.9 9.8 14.6

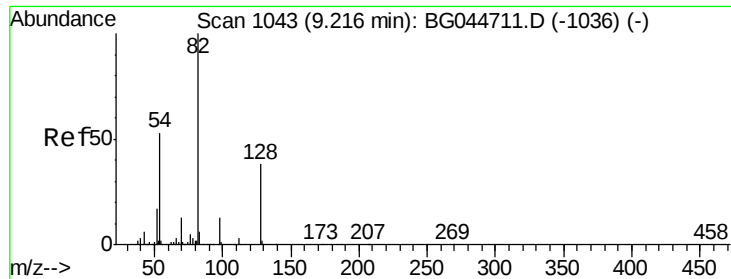
54 9.3 7.9 11.9

68 6.3 5.4 8.0



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

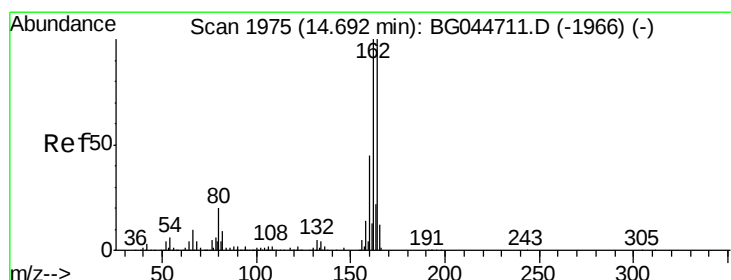
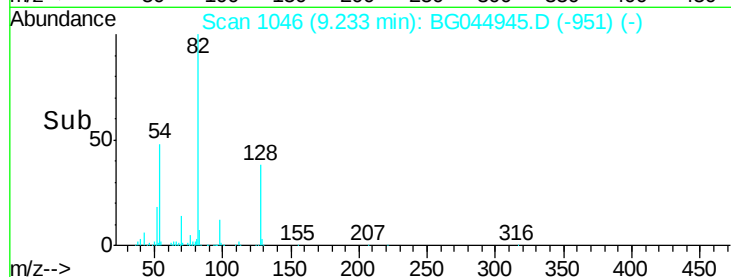
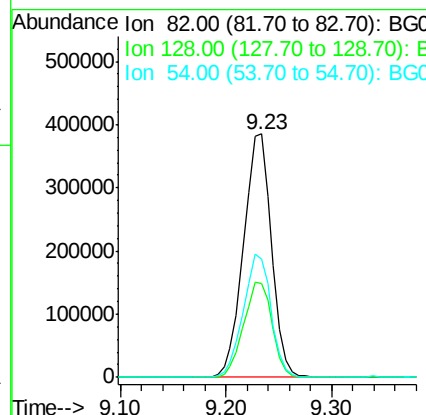
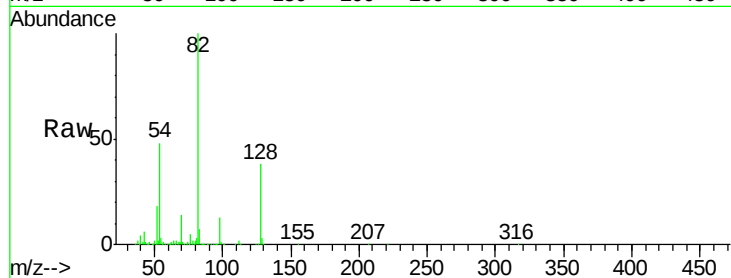




#23
 Nitrobenzene-d5
 Concen: 100.200 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. 0.03 min
 Lab File: BG044945.D
 Acq: 25 Mar 2020 2:01

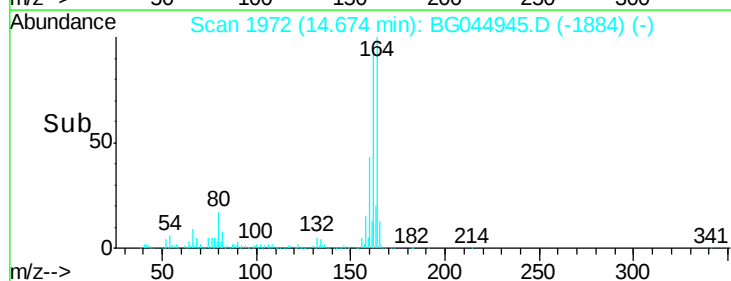
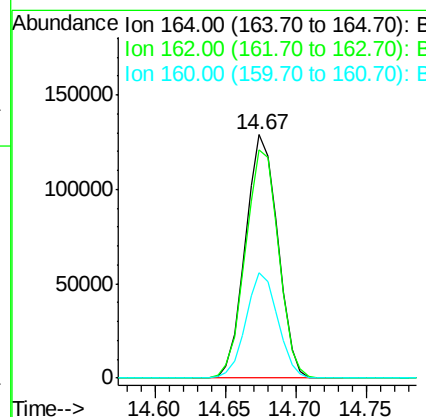
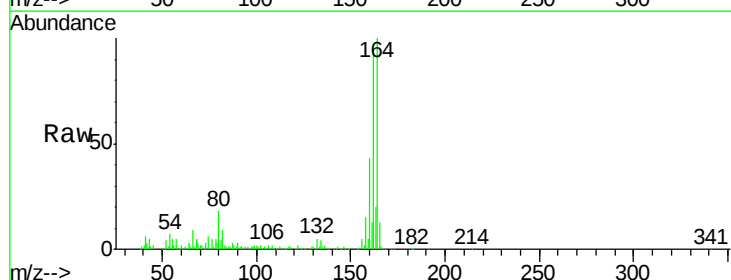
Instrument :
 BNA_G
 ClientSampled :
 EFF-WW

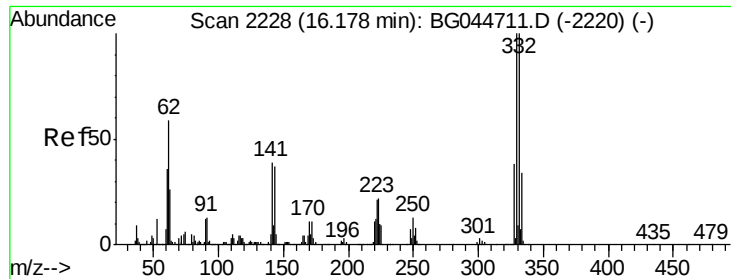
Tot Ion	82	Resp	703255
Ion Ratio	Lower	Upper	
82	100		
128	38.5	30.6	46.0
54	48.5	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044945.D
 Acq: 25 Mar 2020 2:01

Tgt Ion	164	Resp	207280
Ion Ratio	Lower	Upper	
164	100		
162	93.9	76.7	115.1
160	43.2	35.0	52.4

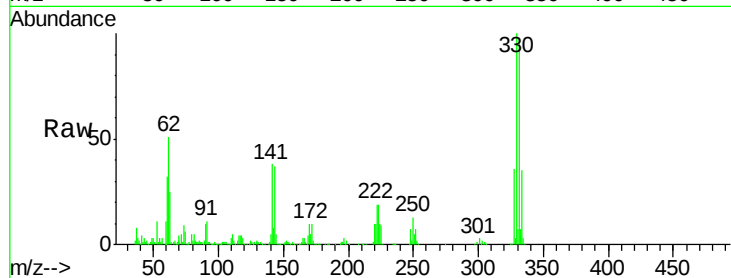




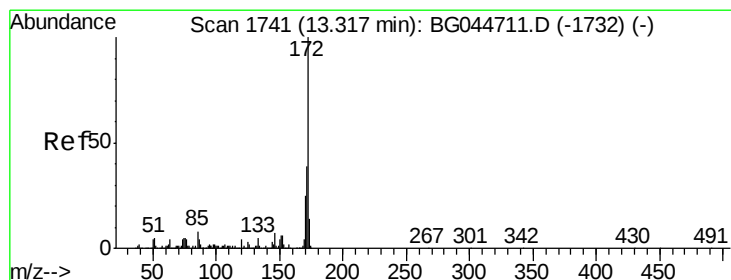
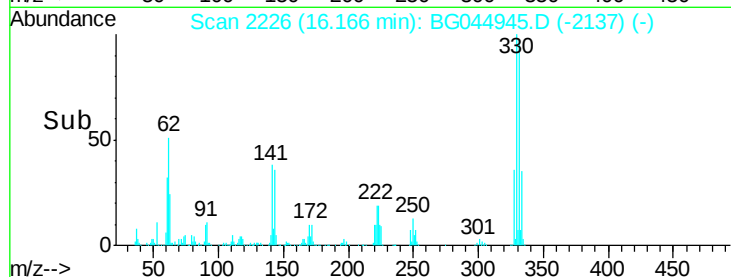
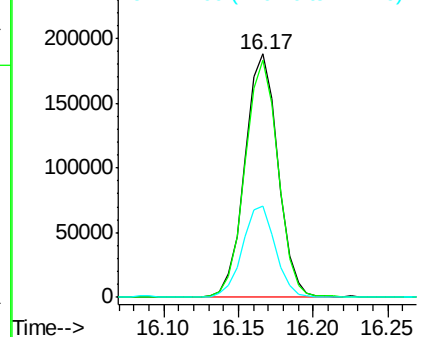
#42
2,4,6-Tribromophenol
Concen: 106.345 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.6
141	37.8	29.5	44.3

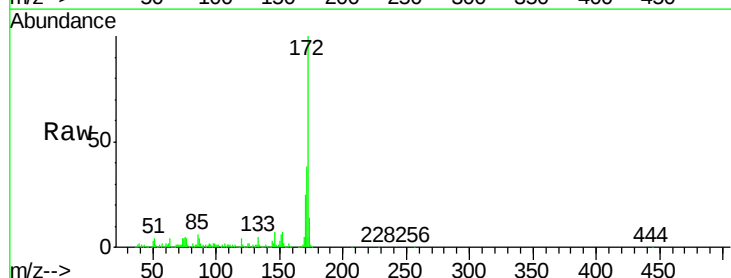


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

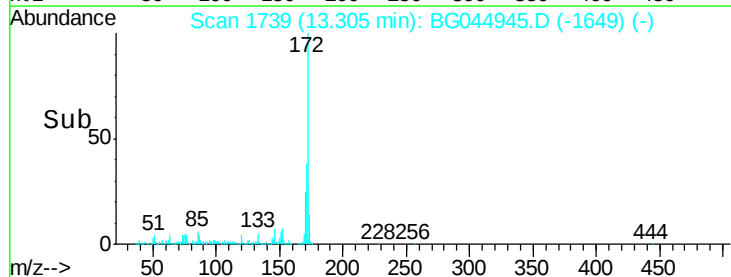
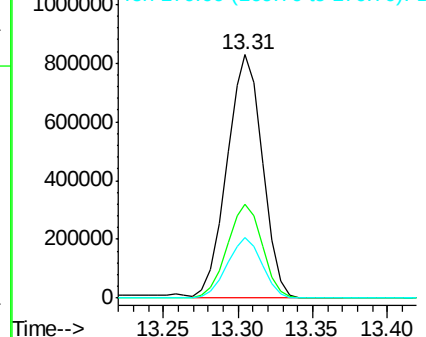


#45
2-Fluorobiphenyl
Concen: 94.917 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	28.7	43.1
170	25.0	19.0	28.6



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: 3.698 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044945.D

Acq: 25 Mar 2020 2:01

Instrument :

BNA_G

ClientSampled :

EFF-WW

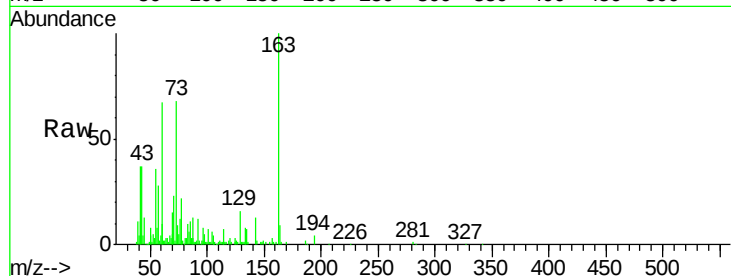
Tot Ion:163 Resp: 61045

Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

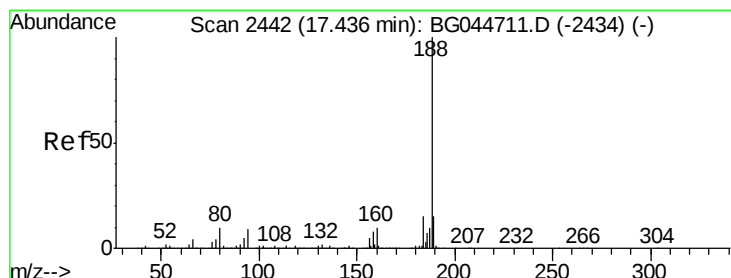
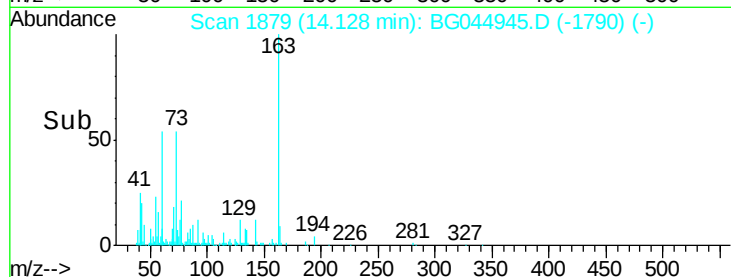
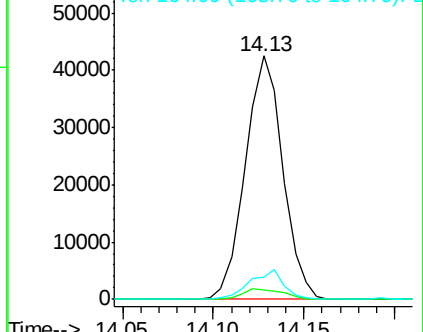
164 9.0 9.1 13.7#



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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044945.D

Acq: 25 Mar 2020 2:01

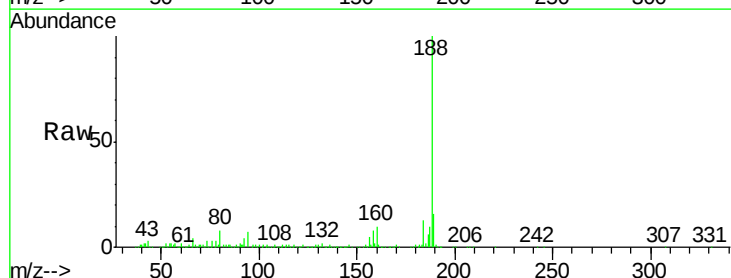
Tgt Ion:188 Resp: 439929

Ion Ratio Lower Upper

188 100

94 7.1 7.3 10.9#

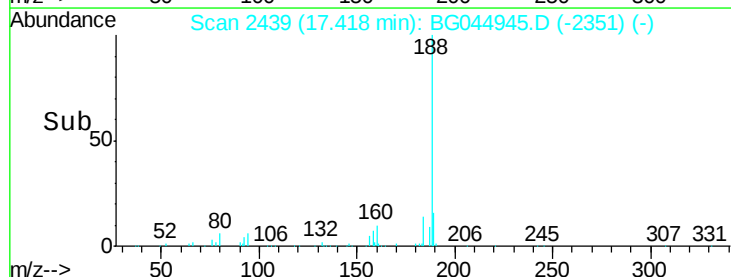
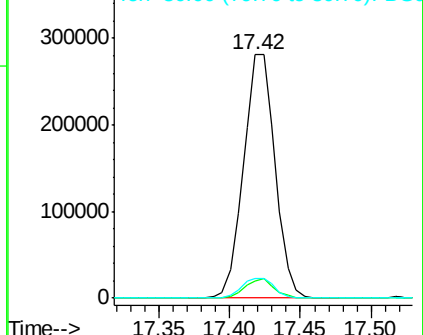
80 8.1 8.0 12.0

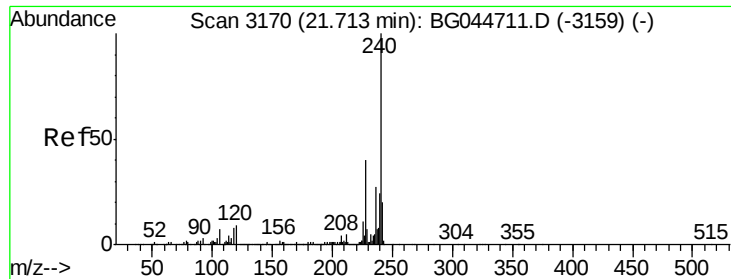


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

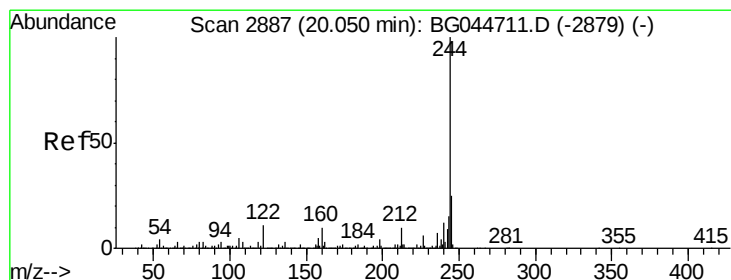
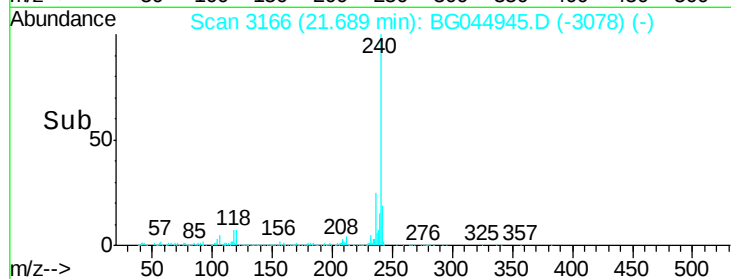
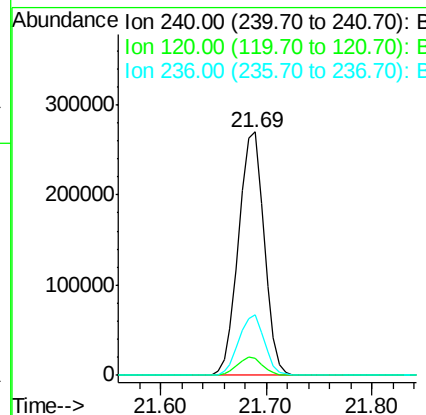
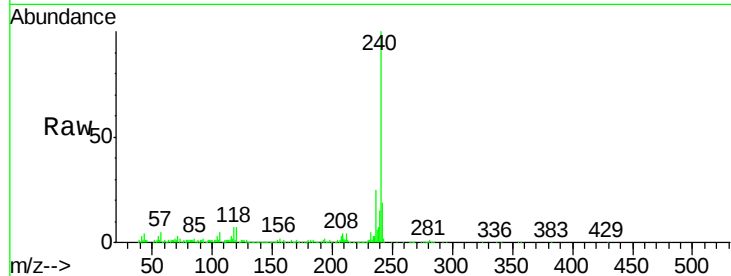




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

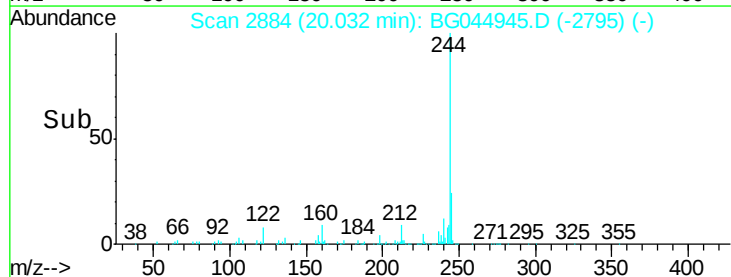
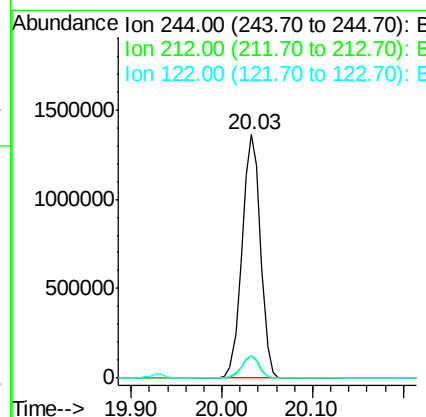
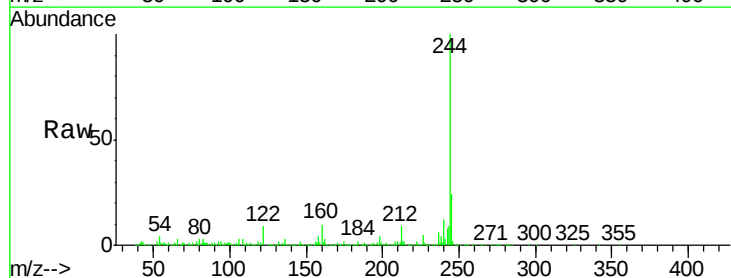
Instrument :
BNA_G
ClientSampleId :
EFF-WW

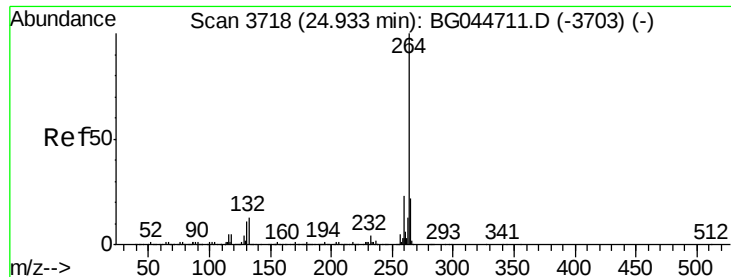
Tot Ion:240 Resp: 450573
Ion Ratio Lower Upper
240 100
120 7.0 6.7 10.1
236 24.7 21.5 32.3



#79
Terphenyl-d14
Concen: 80.095 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion:244 Resp: 1929296
Ion Ratio Lower Upper
244 100
212 9.2 7.7 11.5
122 9.0 8.6 12.8

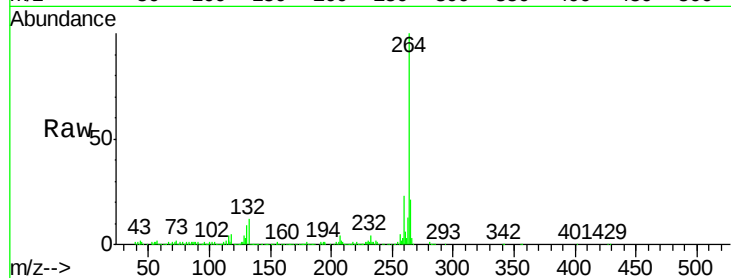




#87
Pervlène-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.1	27.1
265	21.0	17.1	25.7



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

