

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044742.D
 Acq On : 12 Mar 2020 19:30
 Operator : CG/JU
 Sample : L1889-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CP-1

Quant Time: Mar 13 07:20:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

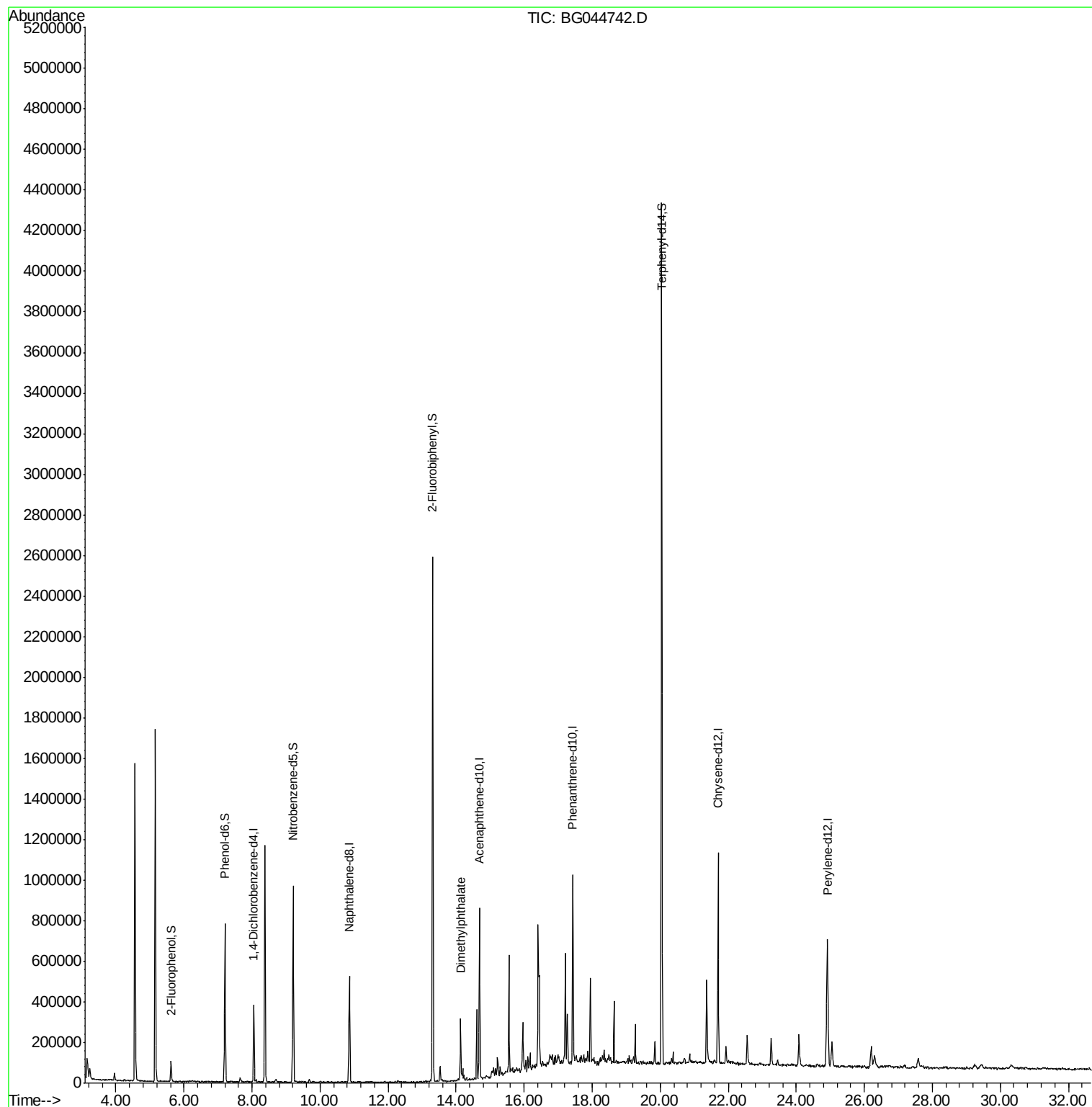
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	108332	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	442476	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	299862	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	594600	20.00	ng	0.00
76) Chrysene-d12	21.70	240	584121	20.00	ng	-0.01
87) Perylene-d12	24.91	264	683593	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	43114	6.20	ng	0.00
7) Phenol-d6	7.20	99	469322	46.42	ng	-0.01
23) Nitrobenzene-d5	9.21	82	640143	63.48	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	1151	0.29	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1367119	65.29	ng	0.00
79) Terphenyl-d14	20.04	244	1954663	62.59	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	192961	8.080	ng	Qvalue 99

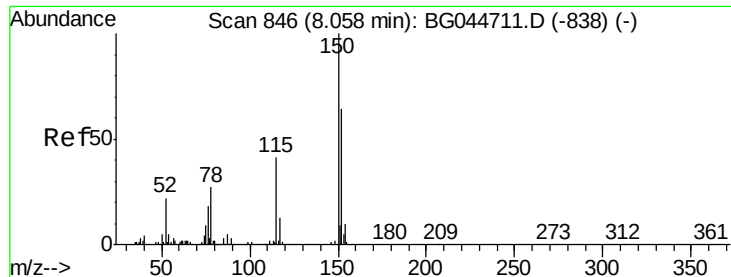
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



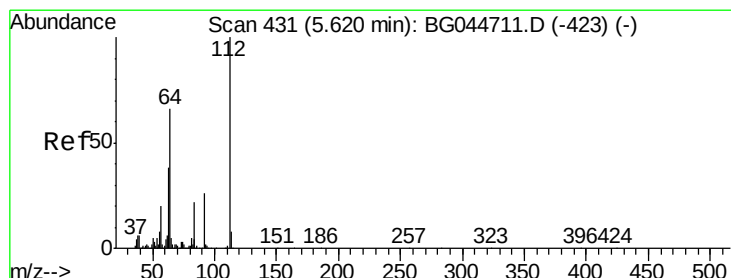
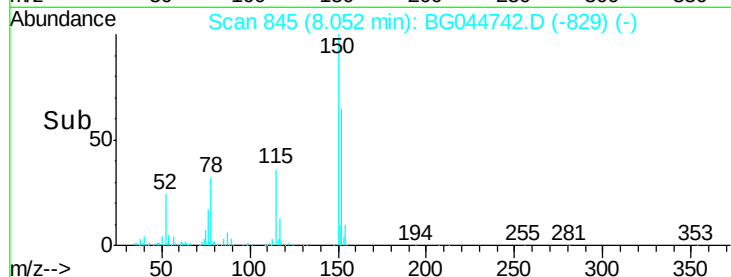
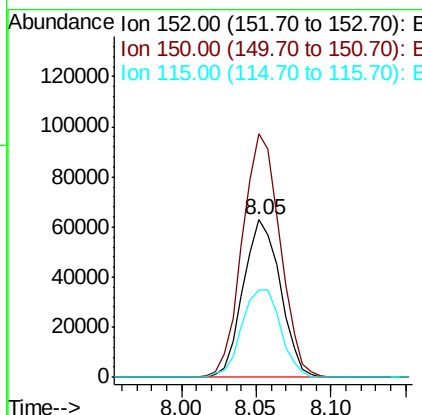
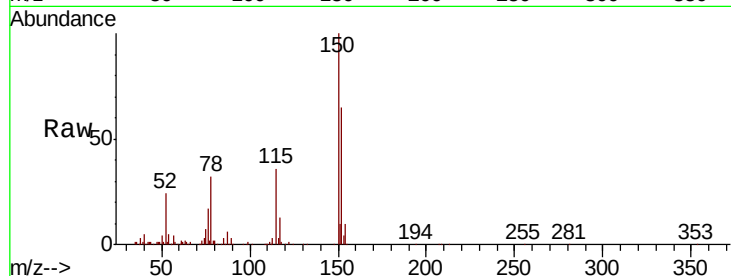


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Instrument :
BNA_G
ClientSampled :
CP-1

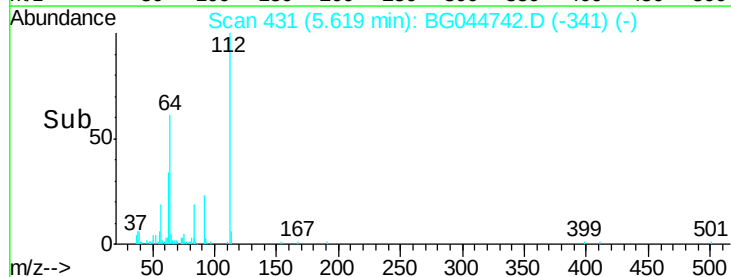
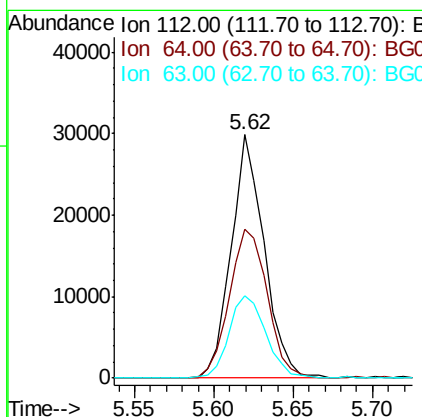
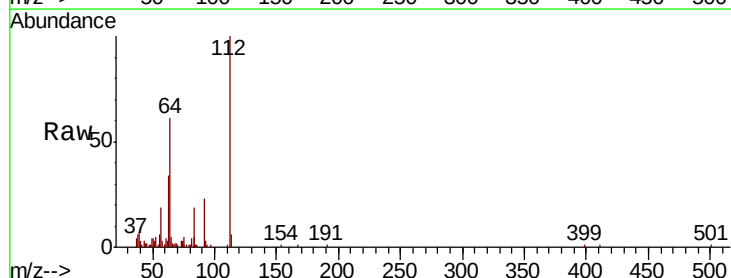
Tot Ion:152 Resp: 108332
Ion Ratio Lower Upper
152 100
150 154.7 125.3 187.9
115 55.5 51.7 77.5

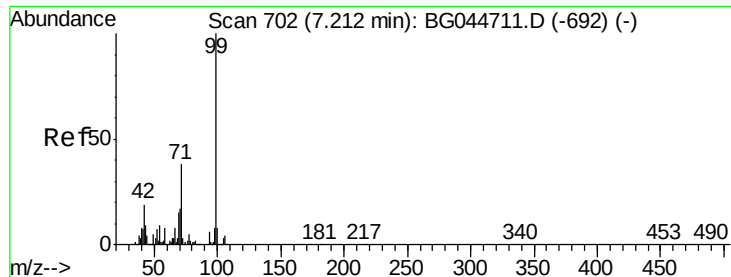


#5

2-Fluorophenol
Concen: 6.195 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.00 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion:112 Resp: 43114
Ion Ratio Lower Upper
112 100
64 60.9 52.6 78.8
63 33.6 30.2 45.4





#7

Phenol-d6

Concen: 46.416 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044742.D

Acq: 12 Mar 2020 19:30

Instrument :

BNA_G

ClientSampleId :

CP-1

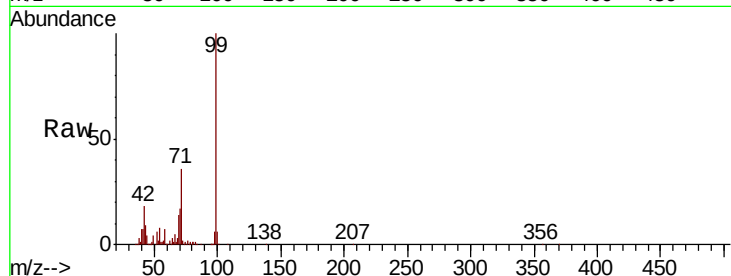
Tot Ion: 99 Resp: 469322

Ion Ratio Lower Upper

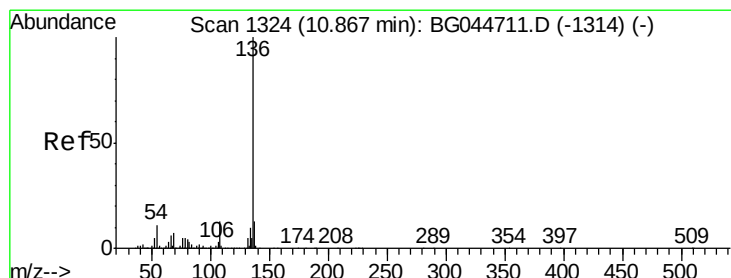
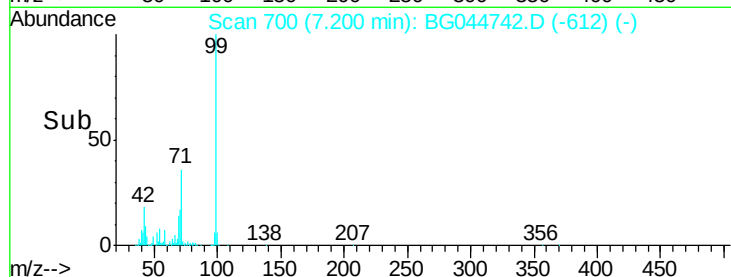
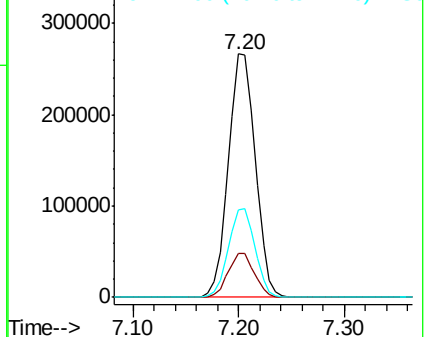
99 100

42 18.0 15.4 23.0

71 36.1 30.2 45.4



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. -0.01 min

Lab File: BG044742.D

Acq: 12 Mar 2020 19:30

Tgt Ion: 136 Resp: 442476

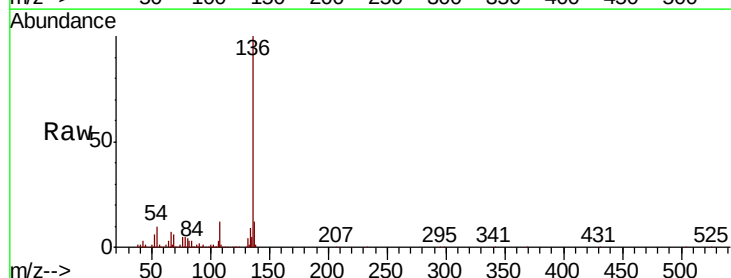
Ion Ratio Lower Upper

136 100

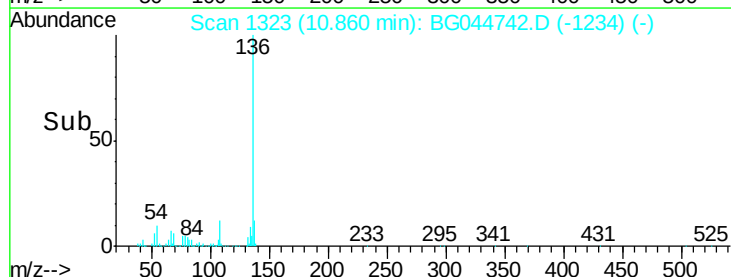
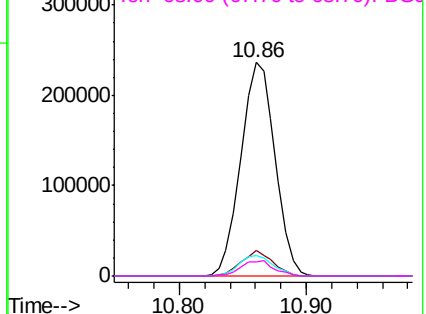
137 12.1 10.7 16.1

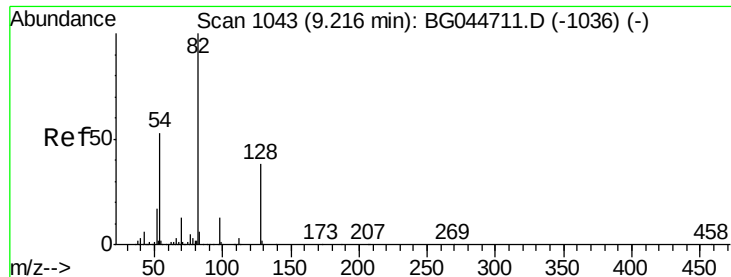
54 9.6 9.0 13.4

68 6.4 5.9 8.9



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

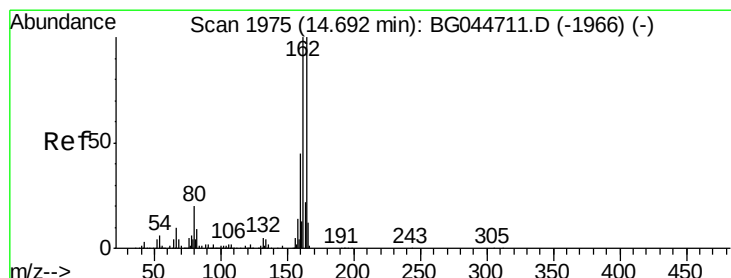
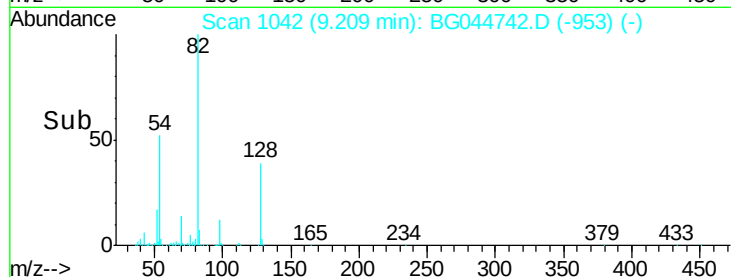
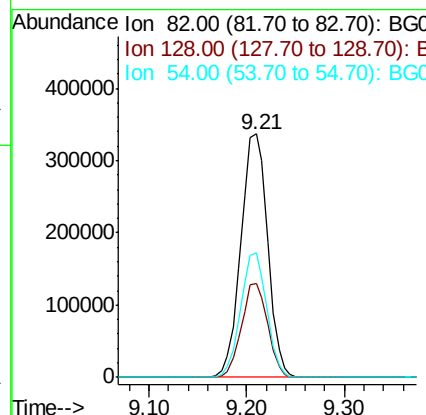
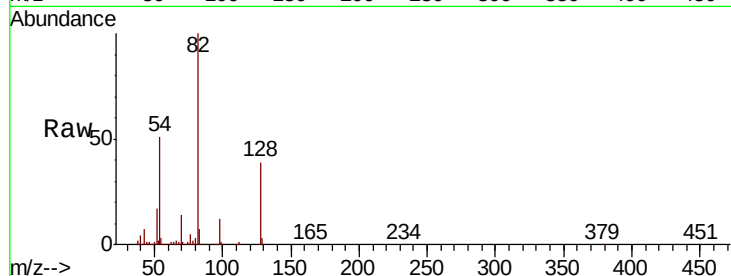




#23
 Nitrobenzene-d5
 Concen: 63.484 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044742.D
 Acq: 12 Mar 2020 19:30

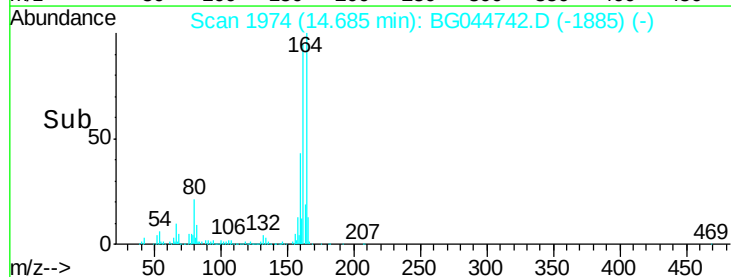
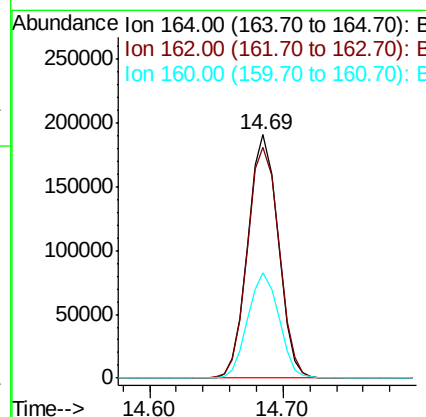
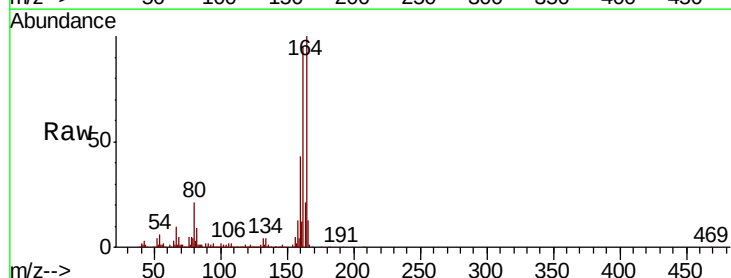
Instrument :
 BNA_G
 ClientSampleId :
 CP-1

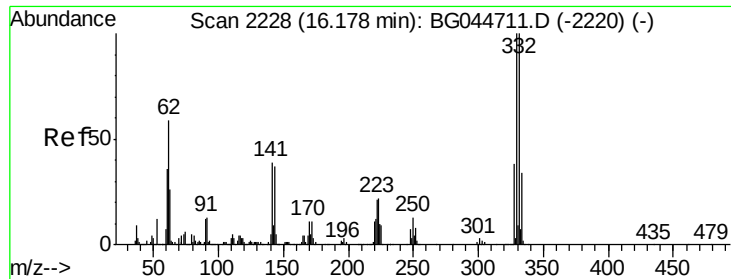
Tot Ion	82.00	Resp	640143
Ion Ratio	Lower	Upper	
82	100		
128	38.8	30.2	45.2
54	51.4	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG044742.D
 Acq: 12 Mar 2020 19:30

Tgt Ion	164.00	Resp	299862
Ion Ratio	Lower	Upper	
164	100		
162	94.8	80.2	120.4
160	43.2	36.2	54.2

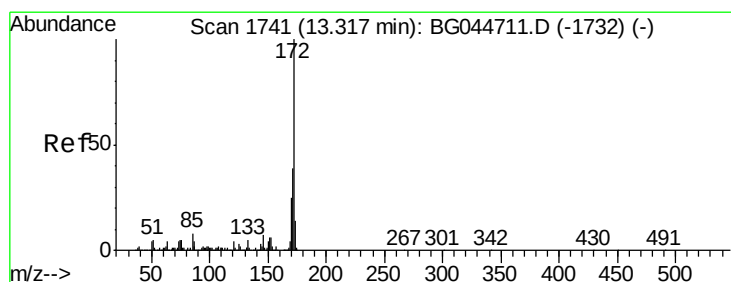
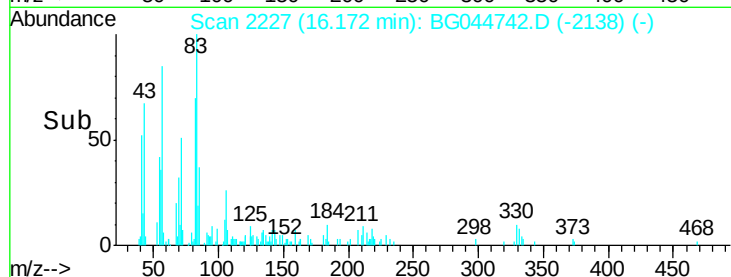
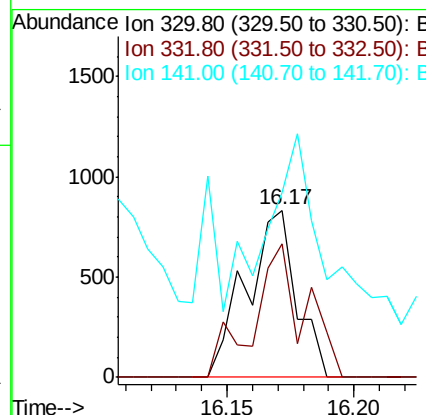
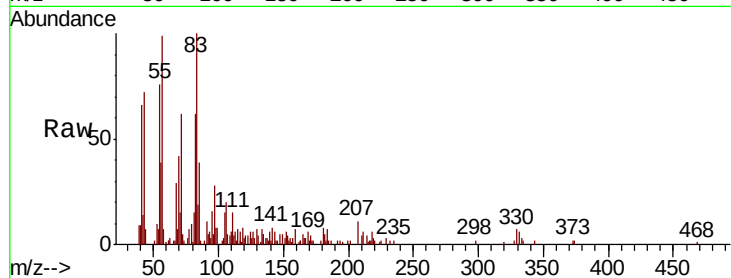




#42
 2,4,6-Tribromophenol
 Concen: 0.293 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044742.D
 Acq: 12 Mar 2020 19:30

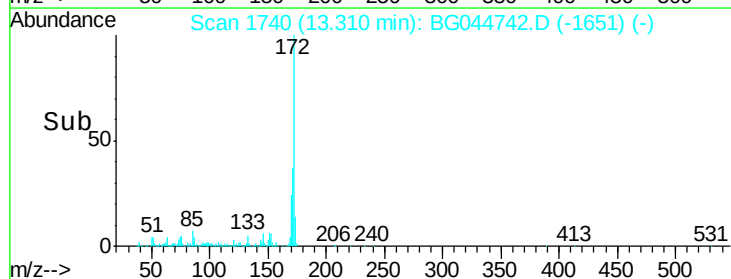
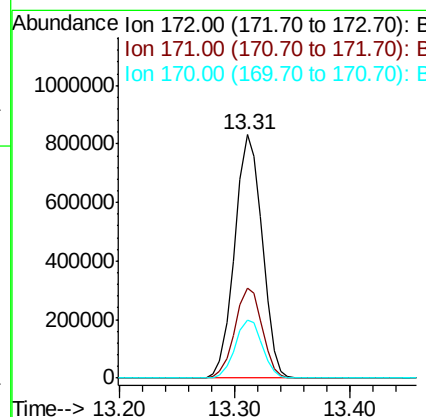
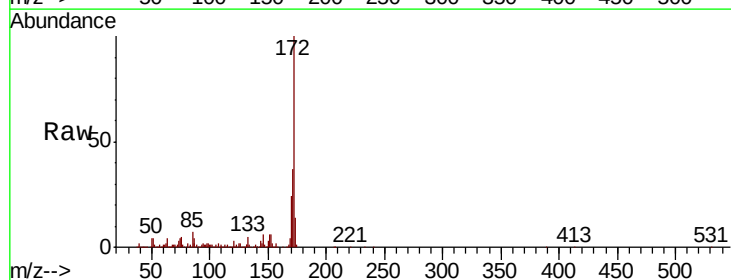
Instrument :
 BNA_G
 ClientSampleId :
 CP-1

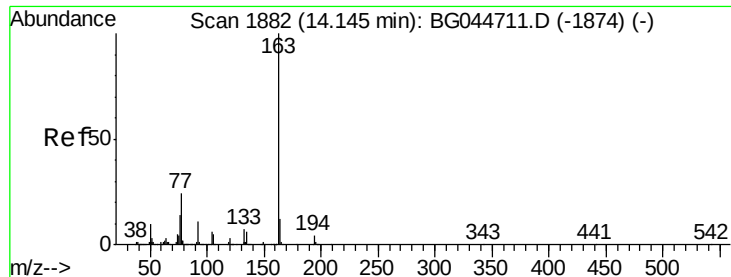
Tot Ion:330 Resp: 1151
 Ion Ratio Lower Upper
 330 100
 332 80.9 77.5 116.3
 141 109.4 31.7 47.5#



#45
 2-Fluorobiphenyl
 Concen: 65.289 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044742.D
 Acq: 12 Mar 2020 19:30

Tgt Ion:172 Resp: 1367119
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 23.9 20.0 30.0





#50

Dimethylphthalate

Concen: 8.080 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG044742.D

Acq: 12 Mar 2020 19:30

Instrument :

BNA_G

ClientSampleId :

CP-1

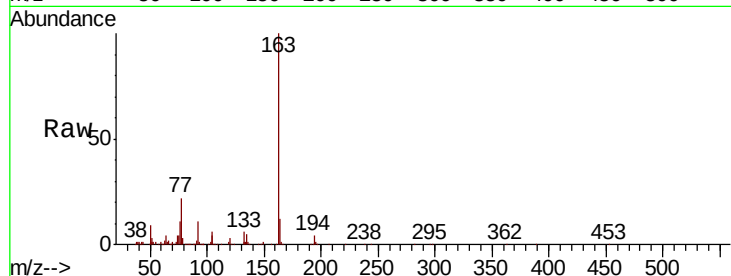
Tot Ion:163 Resp: 192961

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

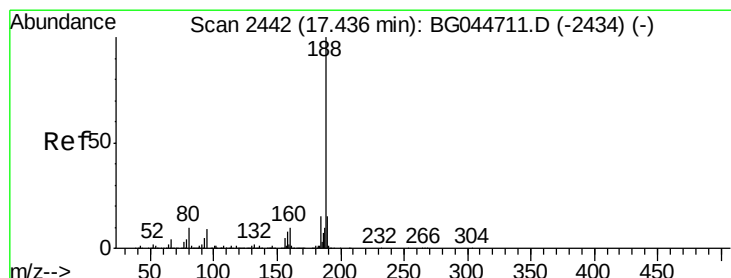
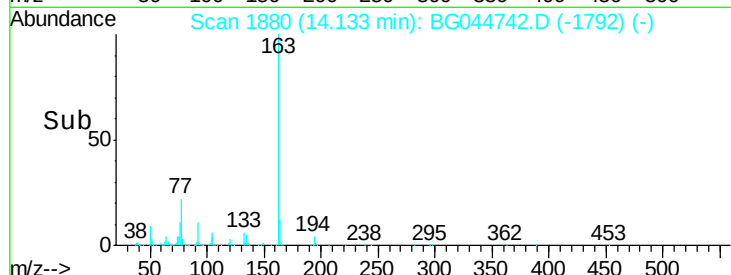
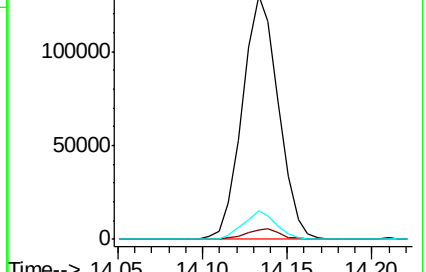
164 11.7 9.2 13.8



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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044742.D

Acq: 12 Mar 2020 19:30

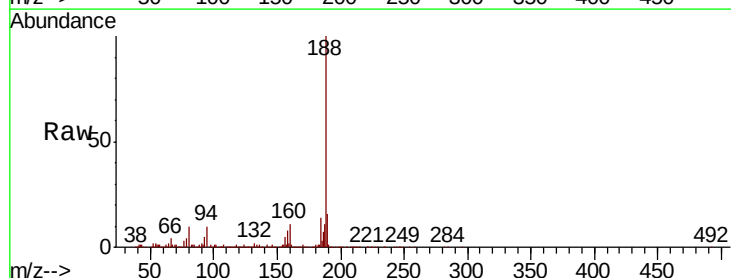
Tgt Ion:188 Resp: 594600

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

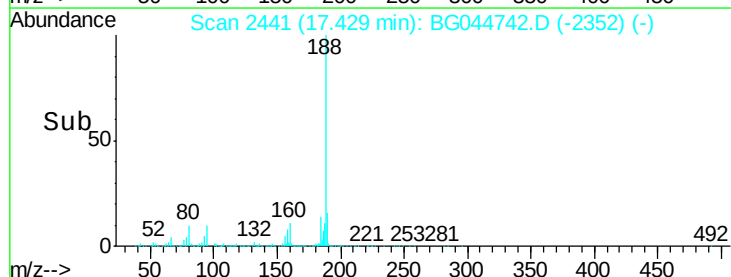
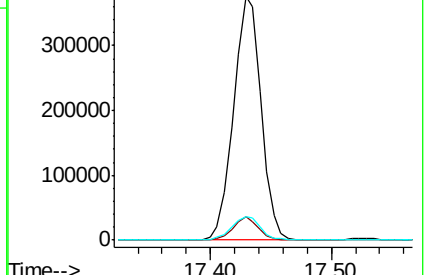
80 9.9 8.4 12.6

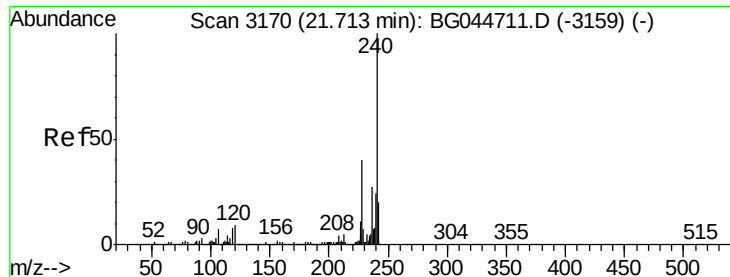


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

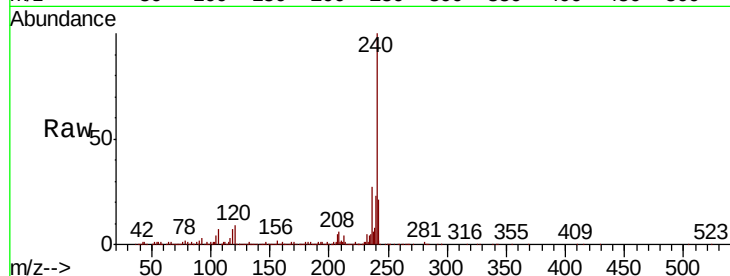




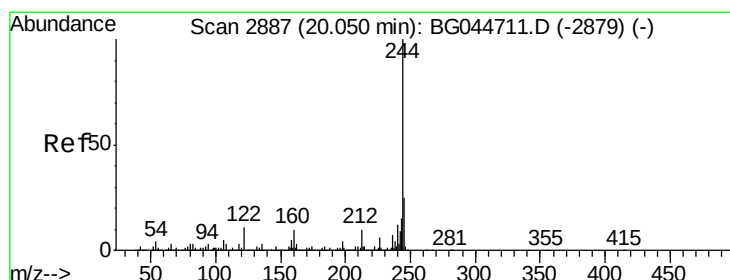
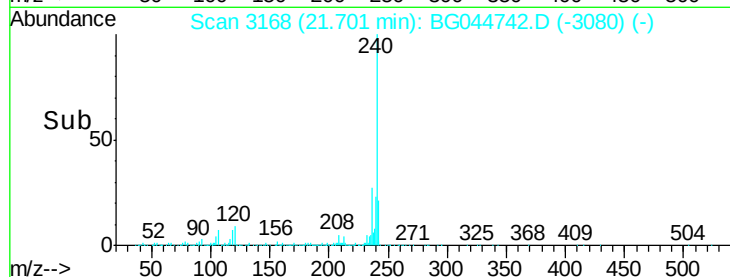
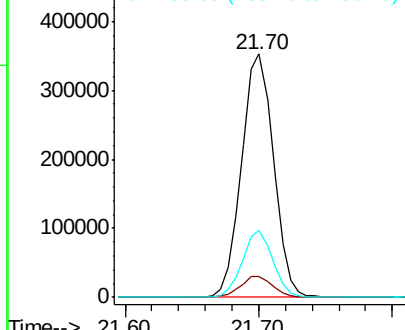
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Instrument :
BNA_G
ClientSampleId :
CP-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	27.3	21.9	32.9

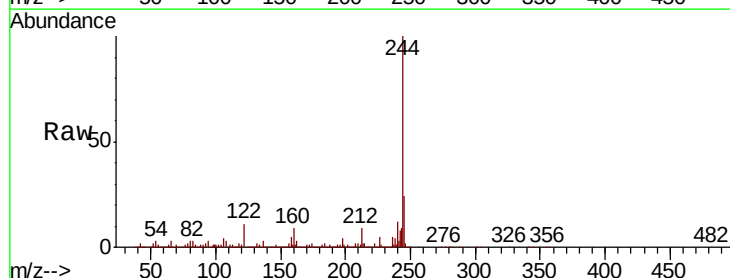


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

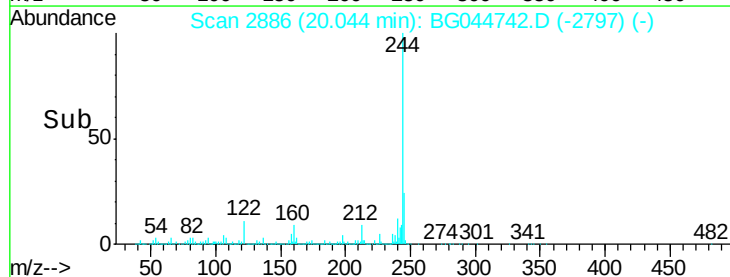
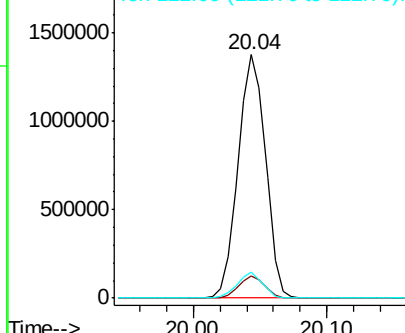


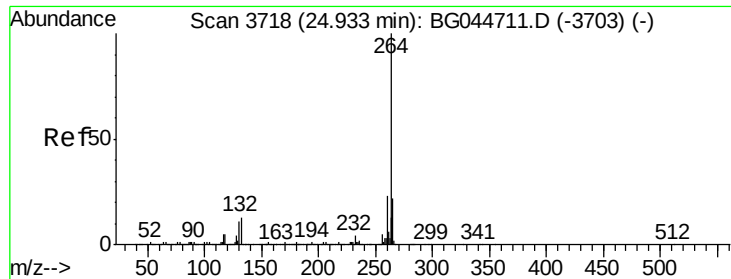
#79
Terphenyl-d14
Concen: 62.595 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.4	12.6
122	10.6	8.7	13.1



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: 24.91 min Scan# 3715
 Delta R.T. -0.02 min
 Lab File: BG044742.D
 Acq: 12 Mar 2020 19:30

Instrument :
 BNA_G
 ClientSampleId :
 CP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.5	17.4	26.2

