

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
 Data File : BG044960.D
 Acq On : 7 Apr 2020 18:21
 Operator : CG/JU
 Sample : L2164-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Apr 08 07:14:57 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

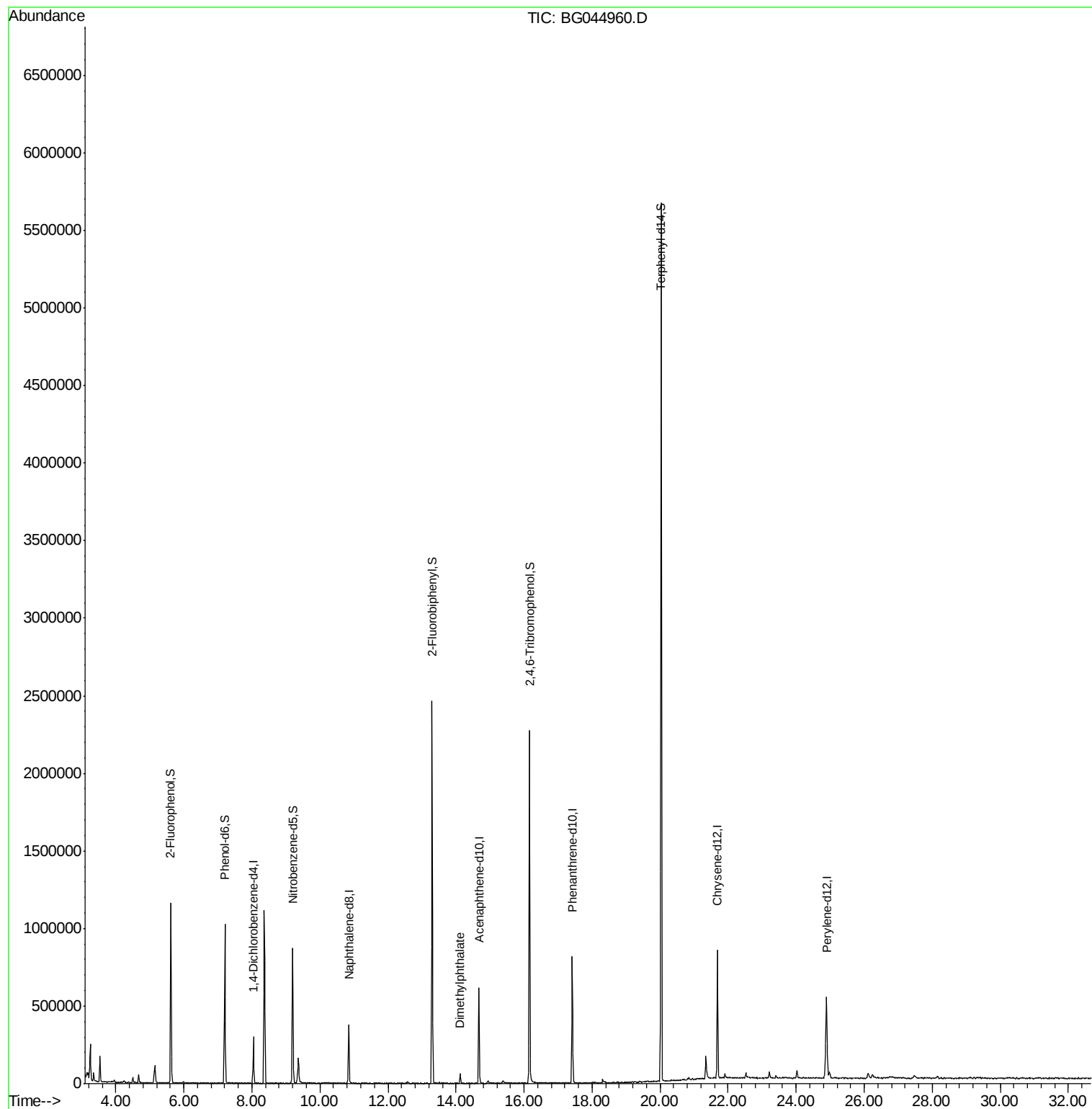
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	90722	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	337971	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	231952	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	527074	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	522761	20.00	ng	-0.01
87) Perylene-d12	24.89	264	559878	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	556367	95.47	ng	0.00
7) Phenol-d6	7.20	99	690390	81.53	ng	0.00
23) Nitrobenzene-d5	9.20	82	590615	76.68	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	478491	157.55	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1345998	83.10	ng	0.00
79) Terphenyl-d14	20.03	244	2638964	94.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	44109	2.388	ng	Qvalue # 97

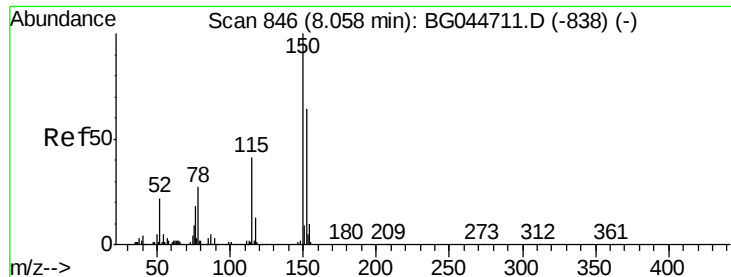
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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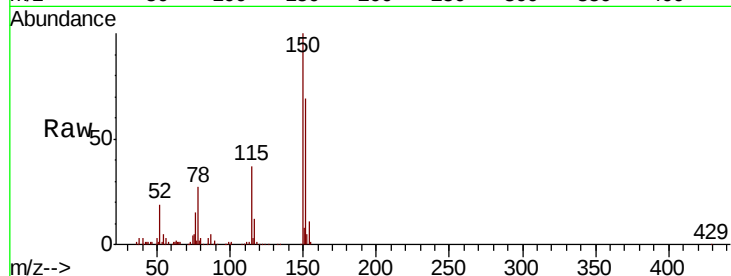


#1

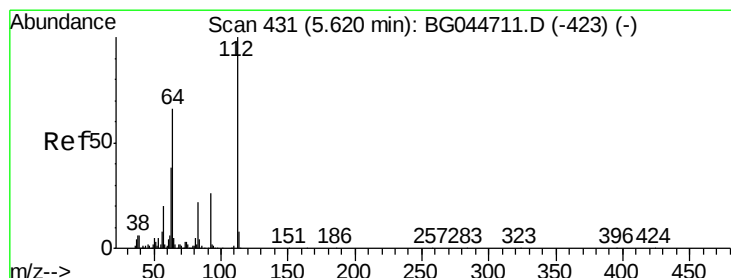
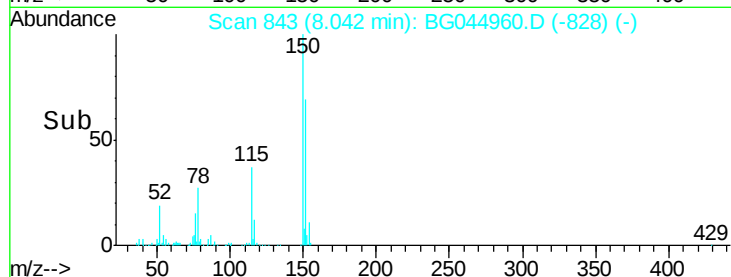
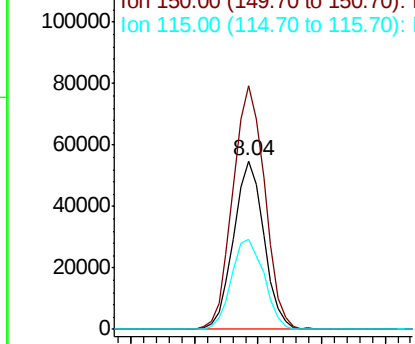
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044960.D
Acq: 7 Apr 2020 18:21

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.6	128.8	193.2
115	53.6	52.6	79.0



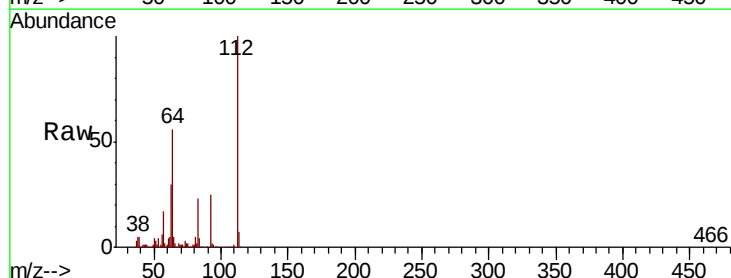
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



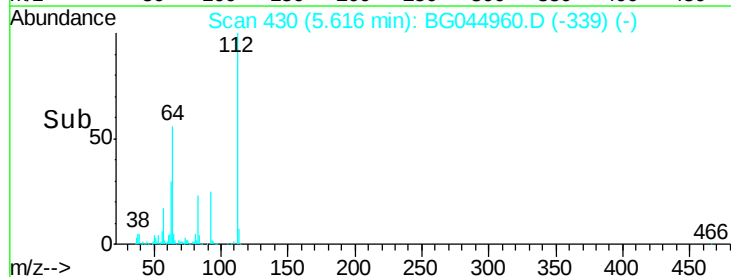
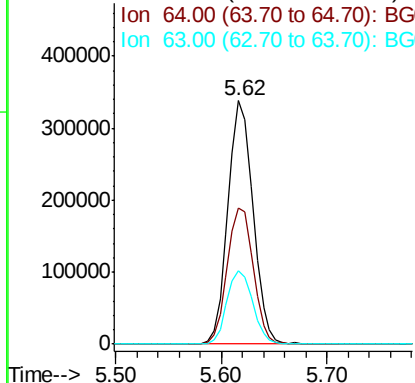
#5

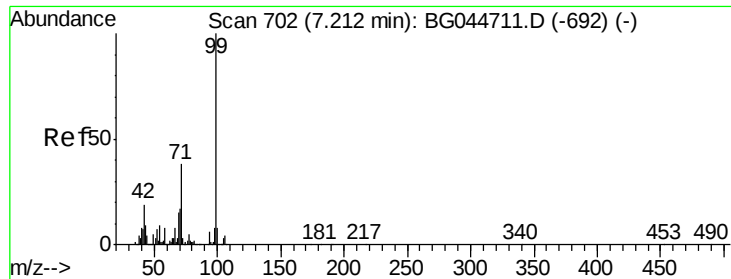
2-Fluorophenol
Concen: 95.467 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044960.D
Acq: 7 Apr 2020 18:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	53.4	80.2
63	30.4	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 81.534 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044960.D

Acq: 7 Apr 2020 18:21

Instrument :

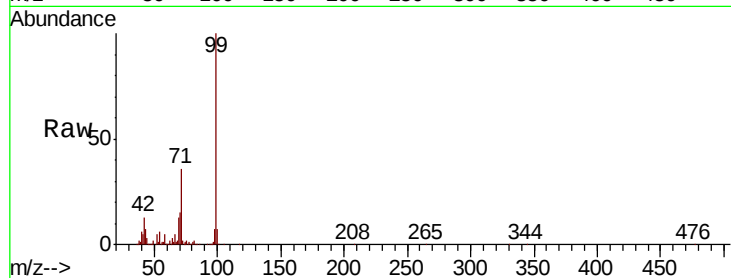
BNA_G

ClientSampleId :

ROLL-OFF-COMP

Tot Ion: 99 Resp: 690390

Ion	Ratio	Lower	Upper
99	100		
42	13.1	12.6	19.0
71	36.0	29.0	43.4

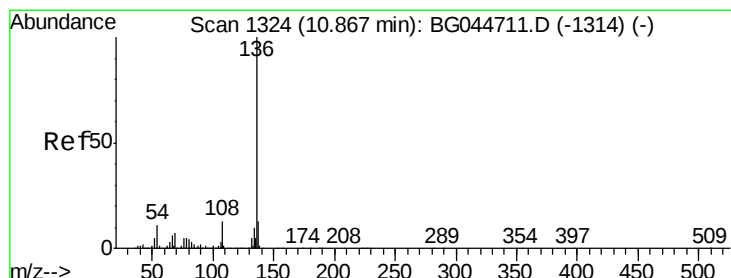
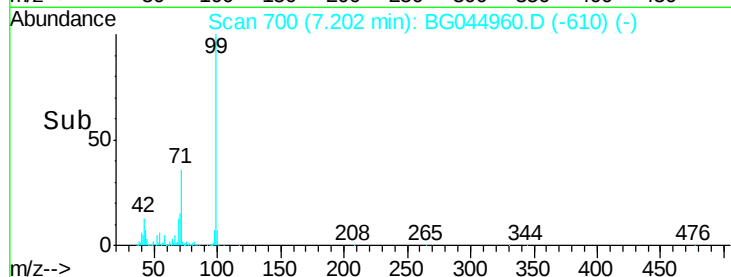
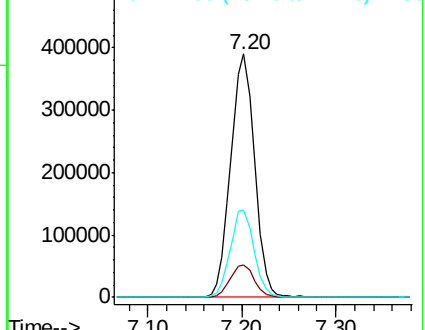


Abundance

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: 10.85 min Scan# 1321

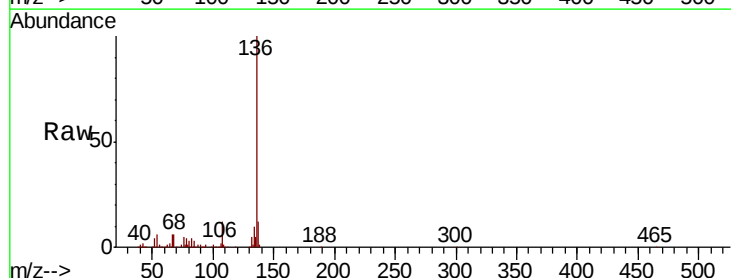
Delta R.T. -0.01 min

Lab File: BG044960.D

Acq: 7 Apr 2020 18:21

Tgt Ion: 136 Resp: 337971

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.6
54	6.4	7.9	11.9
68	5.7	5.4	8.0



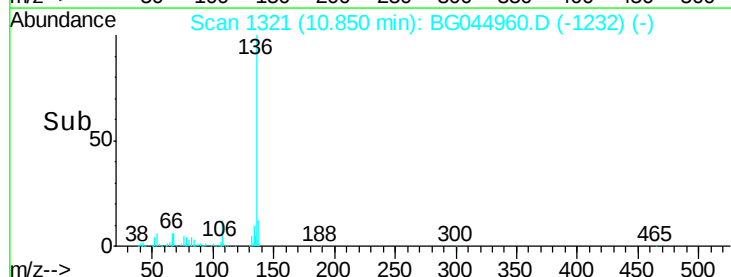
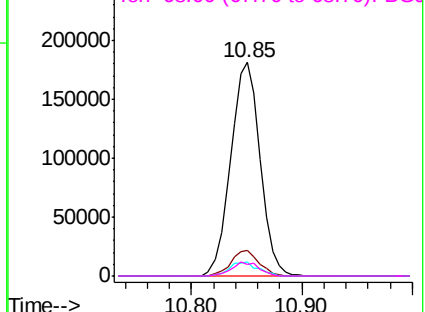
Abundance

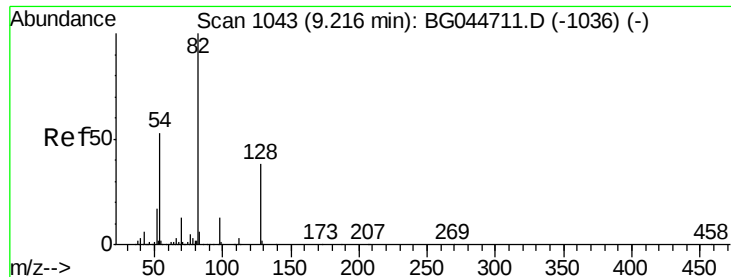
Ion 136.00 (135.70 to 136.70): BGC

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

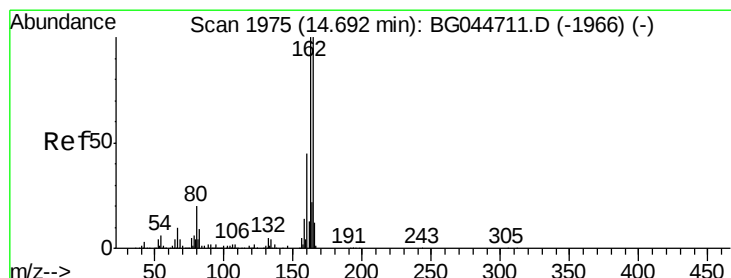
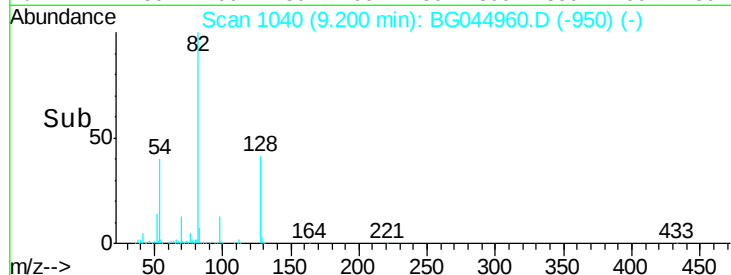
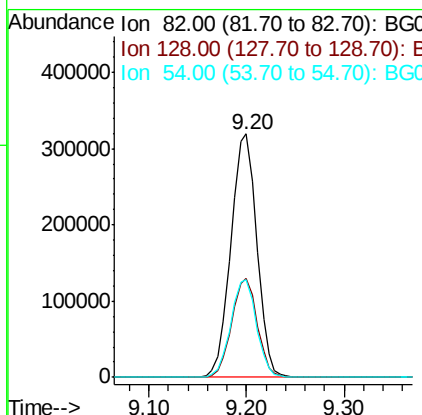
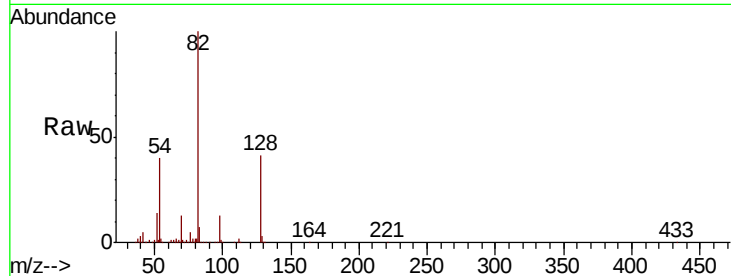




#23
Nitrobenzene-d5
Concen: 76.684 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044960.D
Acq: 7 Apr 2020 18:21

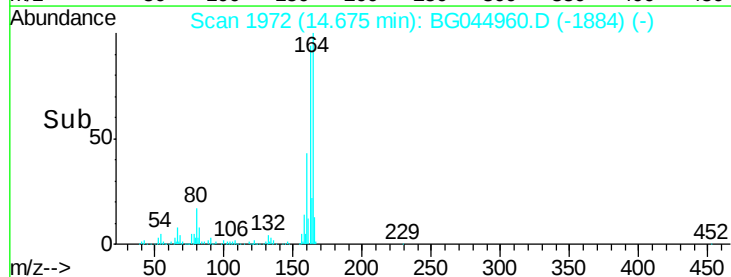
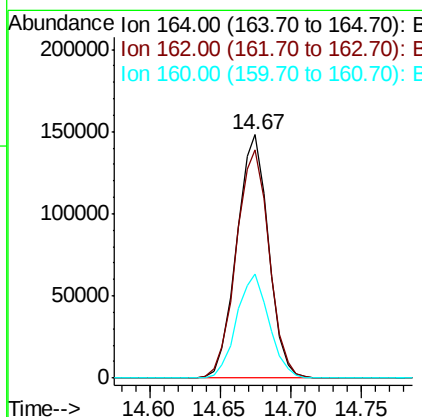
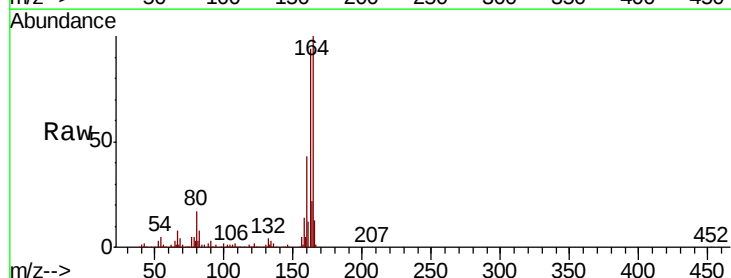
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-COMP

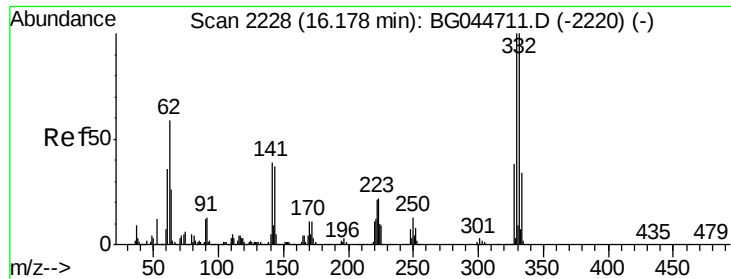
Tot Ion	82	Resp	590615
Ion	Ratio	Lower	Upper
82	100		
128	40.8	30.6	46.0
54	40.4	37.1	55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044960.D
Acq: 7 Apr 2020 18:21

Tgt Ion	164	Resp	231952
Ion	Ratio	Lower	Upper
164	100		
162	93.8	76.7	115.1
160	42.9	35.0	52.4

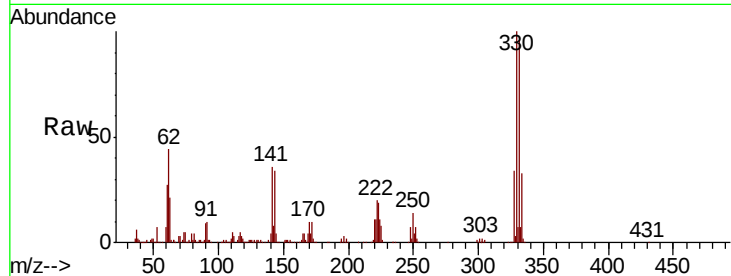




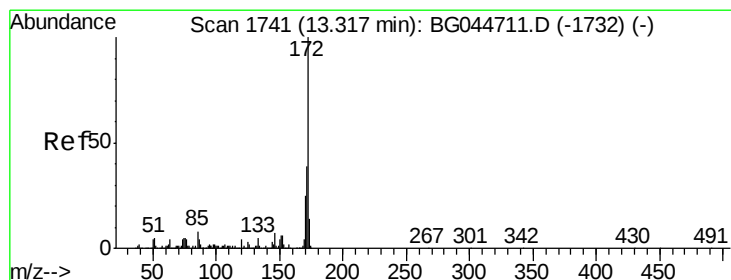
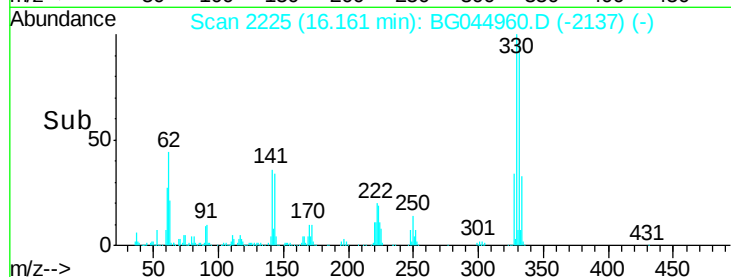
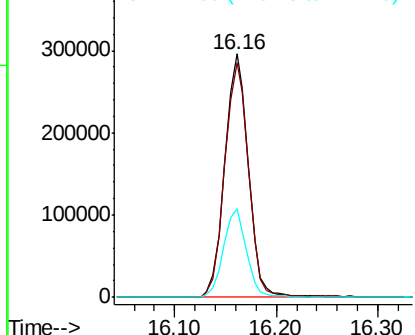
#42
2,4,6-Tribromophenol
Concen: 157.551 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044960.D
Acq: 7 Apr 2020 18:21

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.6
141	35.4	29.5	44.3

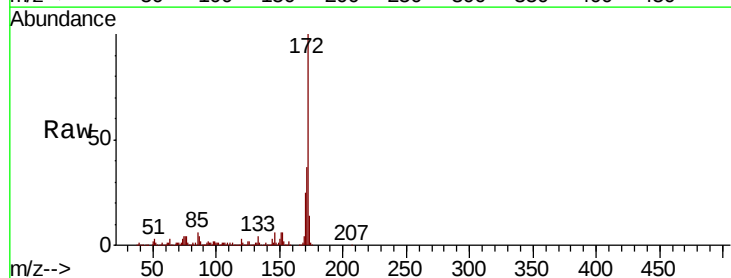


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

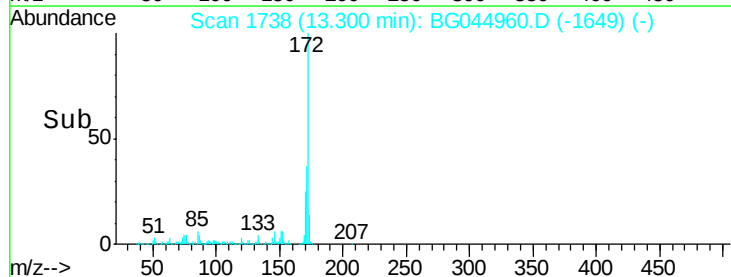
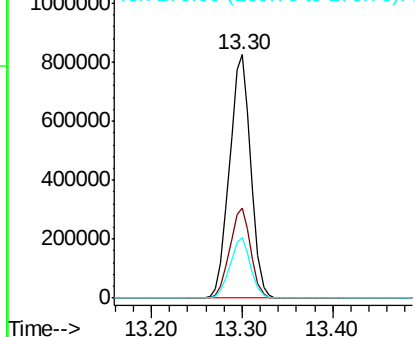


#45
2-Fluorobiphenyl
Concen: 83.100 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044960.D
Acq: 7 Apr 2020 18:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.7	43.1
170	24.8	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: 2.388 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044960.D

Acq: 7 Apr 2020 18:21

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

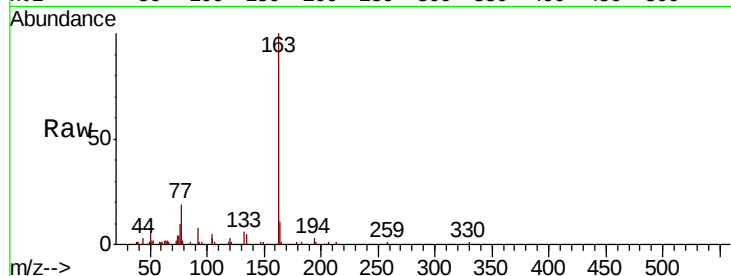
Tot Ion:163 Resp: 44109

Ion Ratio Lower Upper

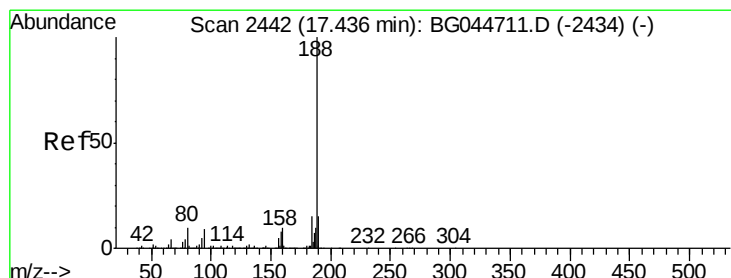
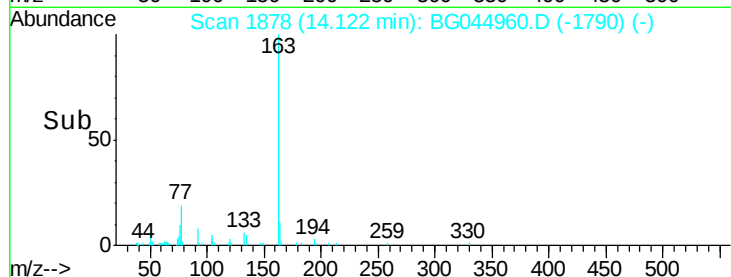
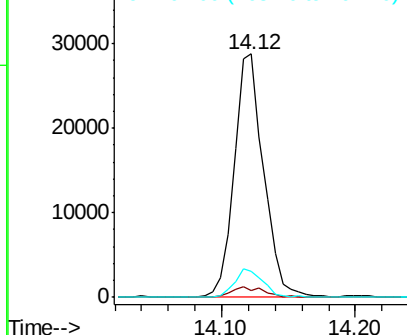
163 100

194 2.6 3.7 5.5#

164 10.7 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: BG044960.D

Acq: 7 Apr 2020 18:21

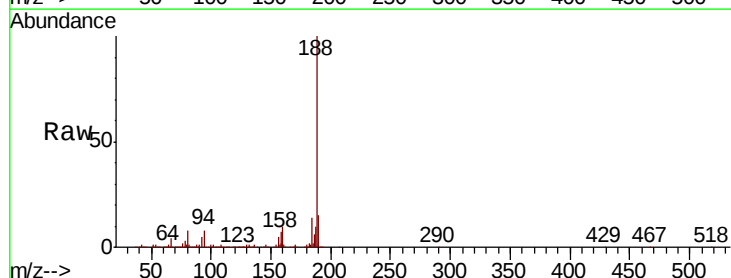
Tgt Ion:188 Resp: 527074

Ion Ratio Lower Upper

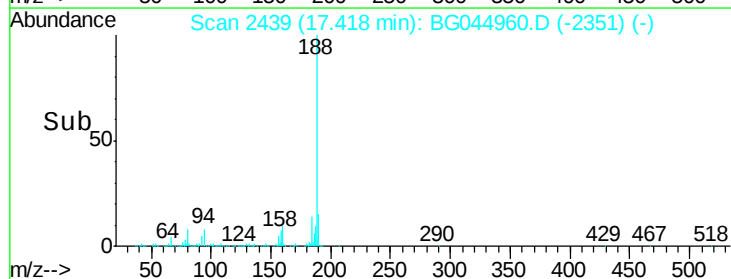
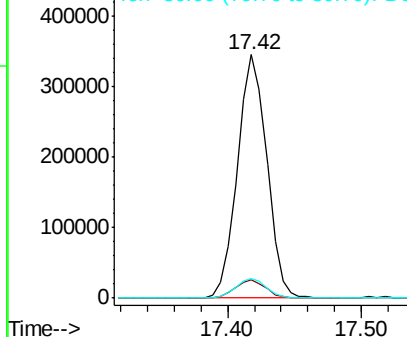
188 100

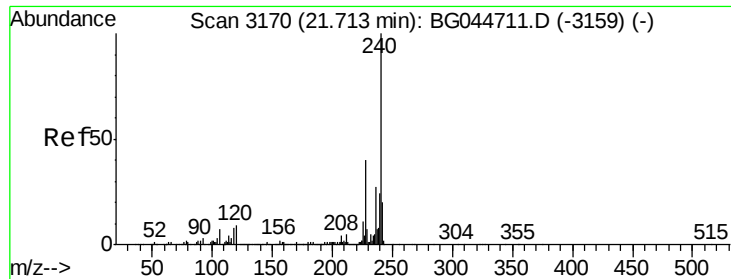
94 7.6 7.3 10.9

80 8.0 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

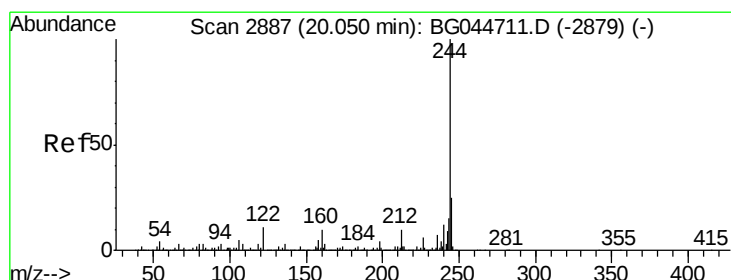
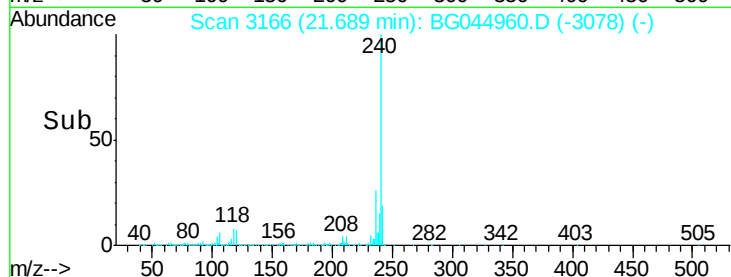
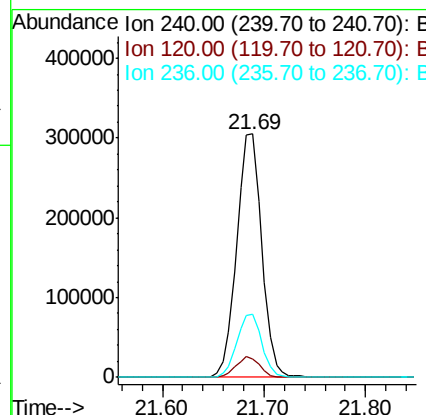
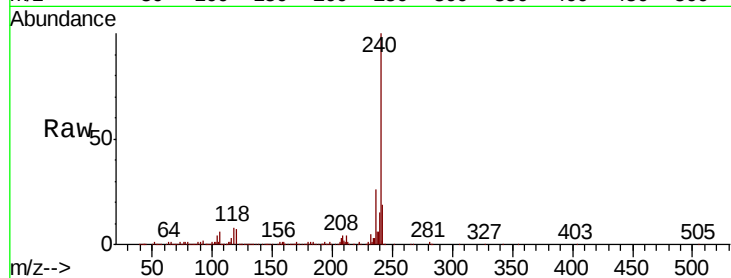




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG044960.D
 Acq: 7 Apr 2020 18:21

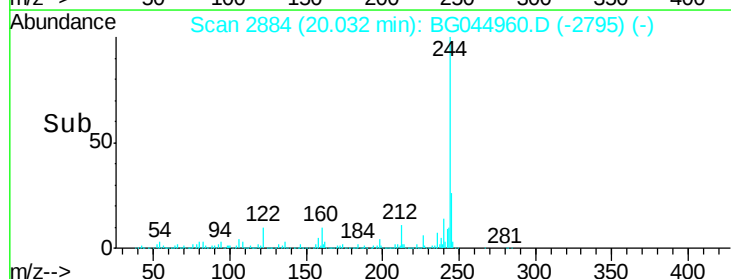
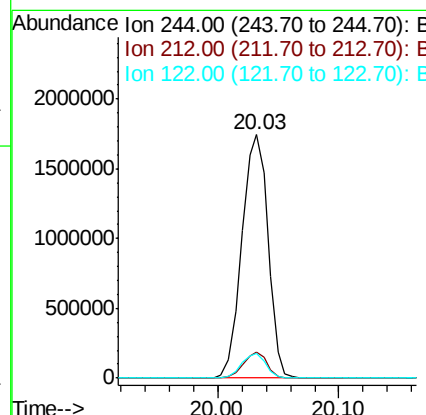
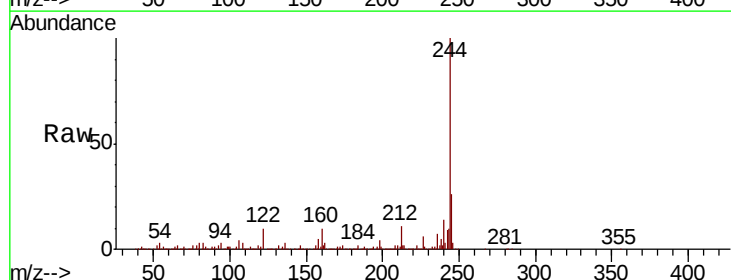
Instrument :
 BNA_G
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 ROLL-OFF-COMP

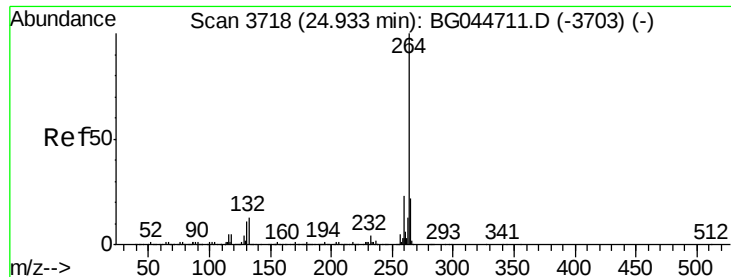
Tot Ion:240 Resp: 522761
 Ion Ratio Lower Upper
 240 100
 120 7.3 6.7 10.1
 236 25.8 21.5 32.3



#79
 Terphenyl-d14
 Concen: 94.428 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG044960.D
 Acq: 7 Apr 2020 18:21

Tgt Ion:244 Resp: 2638964
 Ion Ratio Lower Upper
 244 100
 212 10.7 7.7 11.5
 122 10.3 8.6 12.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG044960.D
 Acq: 7 Apr 2020 18:21

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.1	27.1
265	22.7	17.1	25.7

