

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 02:23:49 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

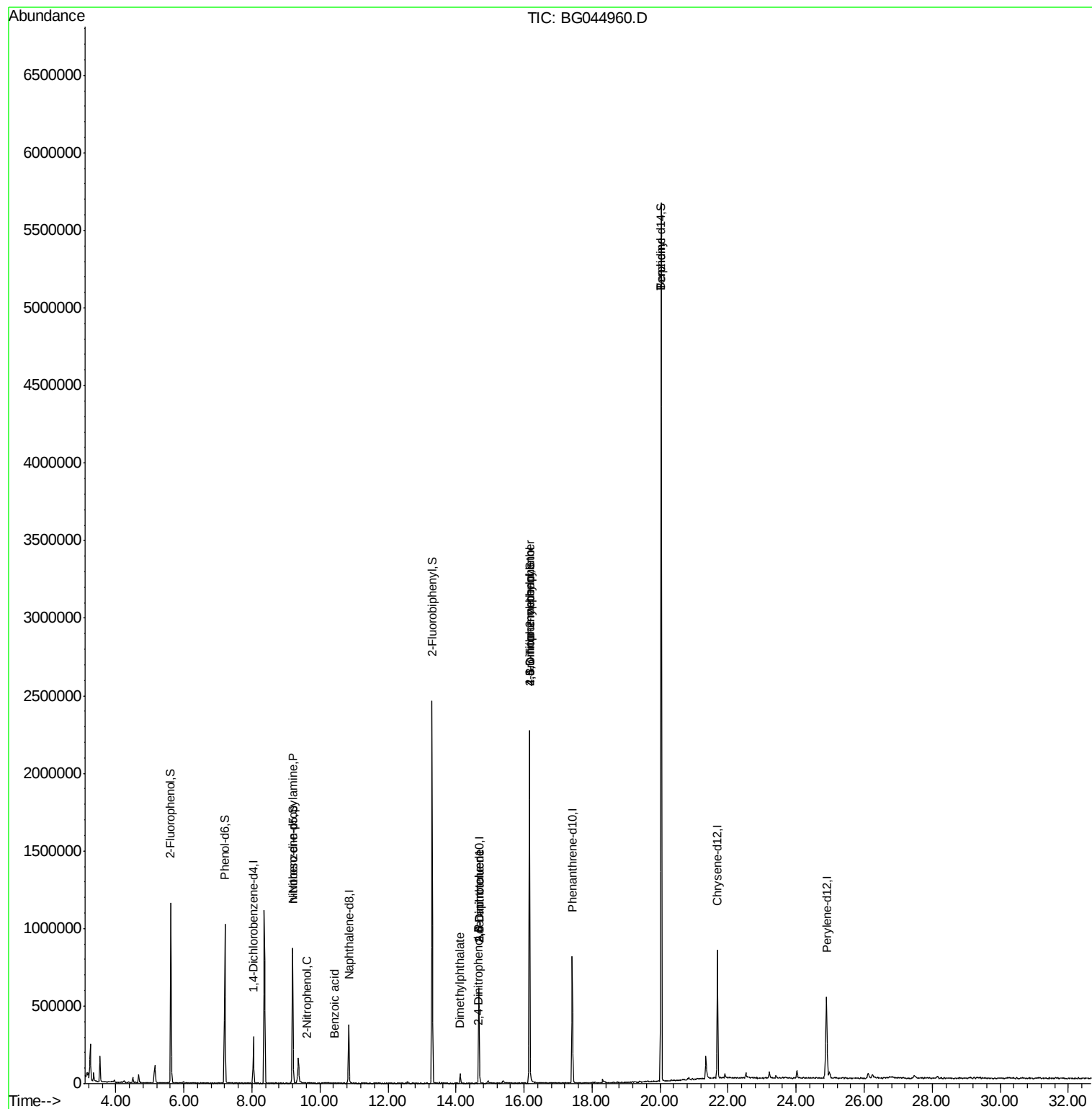
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.20	77	1268	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	78129	13.07	ng	72
26) 2-Nitrophenol	9.62	139	57	5.53	ng	28
32) Benzoic acid	10.42	122	209	9.71	ng	94
50) Dimethylphthalate	14.12	163	44109	2.39	ng	97
51) 2,6-Dinitrotoluene	14.67	165	30184	8.11	ng	22
54) 2,4-Dinitrophenol	14.65	184	70	8.35	ng	21
57) 2,4-Dinitrotoluene	14.67	165	30184	5.91	ng	23
65) 4,6-Dinitro-2-methylphenol	16.16	198	1620	8.28	ng	35
67) 4-Bromophenyl-phenylether	16.16	248	32877	4.99	ng	1
77) Benzidine	20.03	184	53813	3.17	ng	93

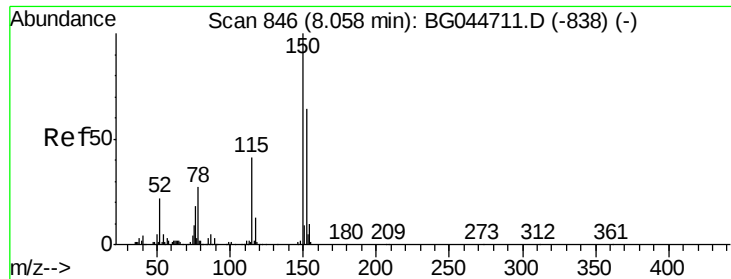
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 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

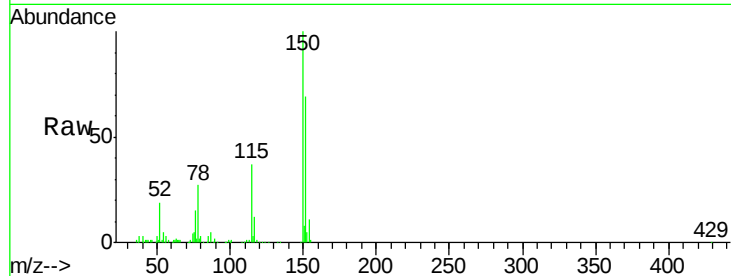
Tgt Ion:152 Resp: 90722

Ion Ratio Lower Upper

152 100

150 144.6 128.8 193.2

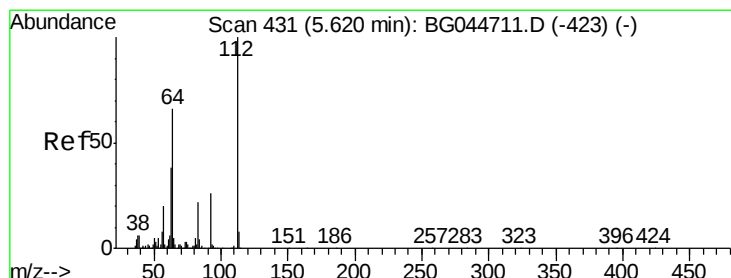
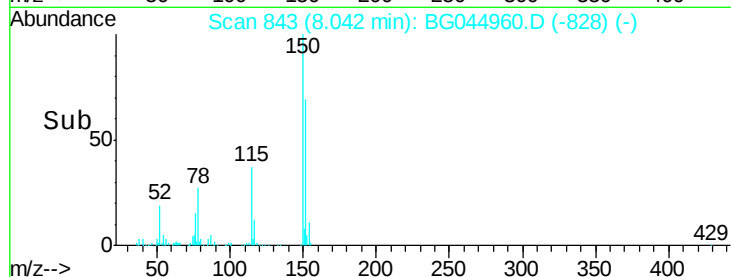
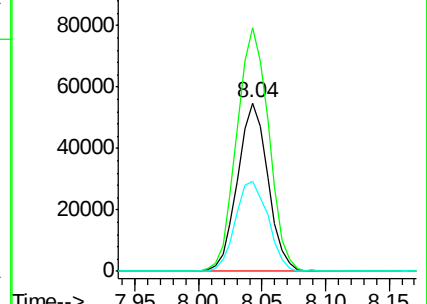
115 53.6 52.6 79.0



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: 95.47 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044960.D

Acq: 7 Apr 2020 18:21

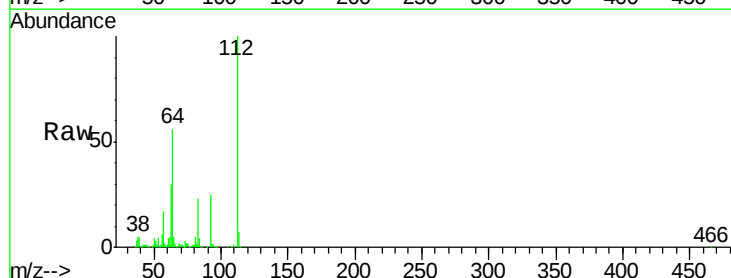
Tgt Ion:112 Resp: 556367

Ion Ratio Lower Upper

112 100

64 55.7 53.4 80.2

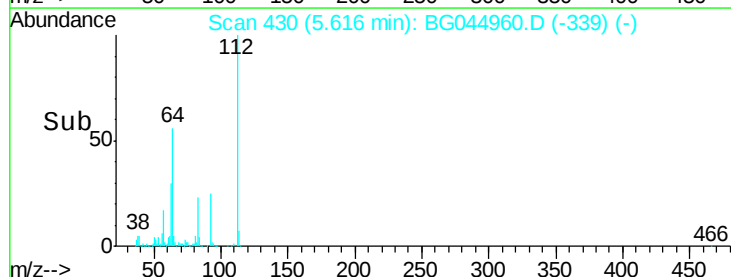
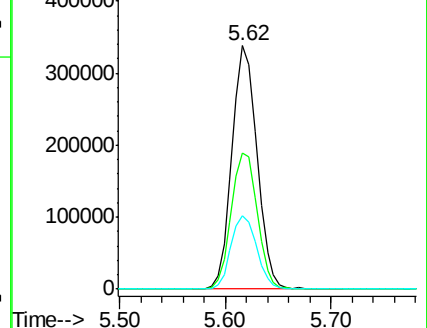
63 30.4 29.4 44.2

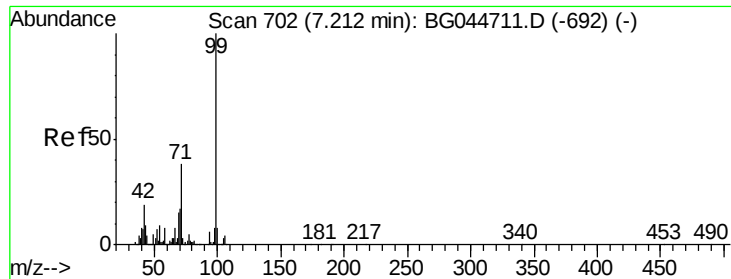


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 81.53 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

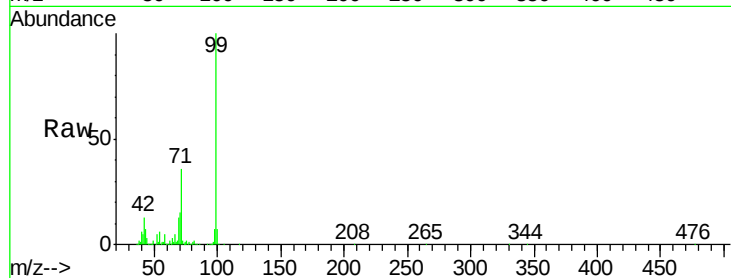
Tgt Ion: 99 Resp: 690390

Ion Ratio Lower Upper

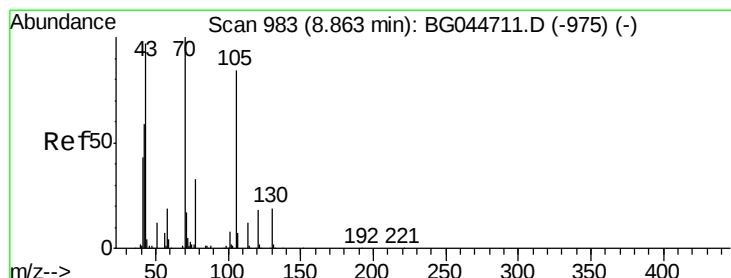
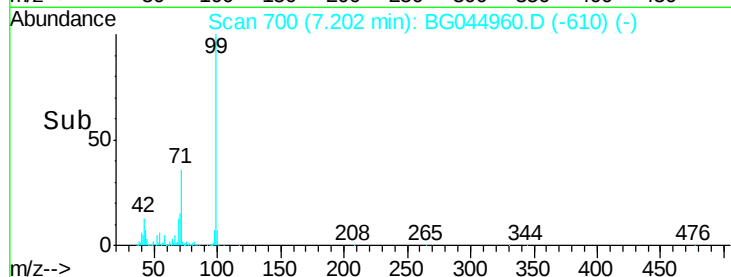
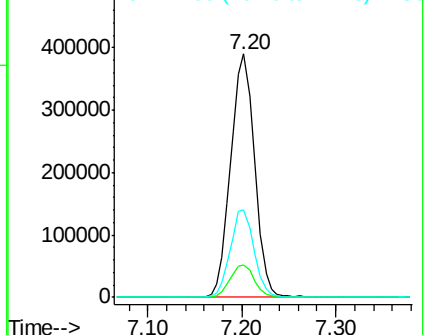
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 13.07 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG044960.D

Acq: 7 Apr 2020 18:21

Tgt Ion: 70 Resp: 78129

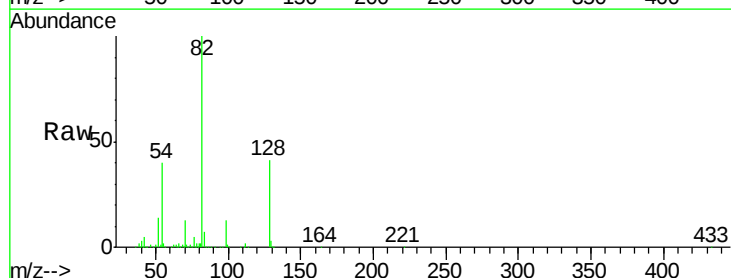
Ion Ratio Lower Upper

70 100

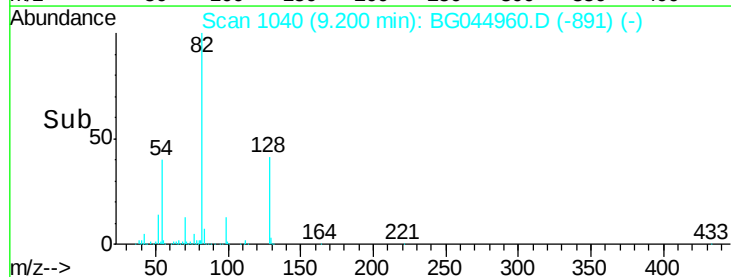
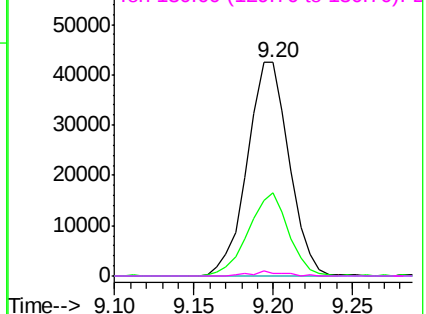
42 39.3 45.7 68.5#

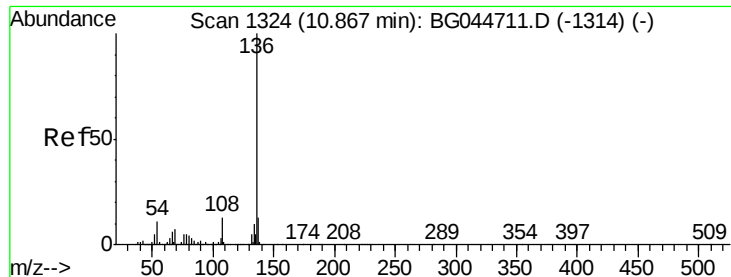
101 0.0 7.4 11.2#

130 1.3 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

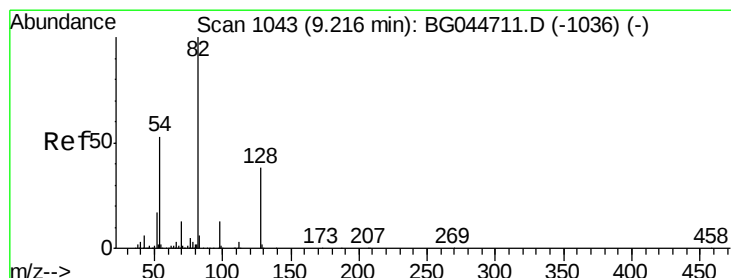
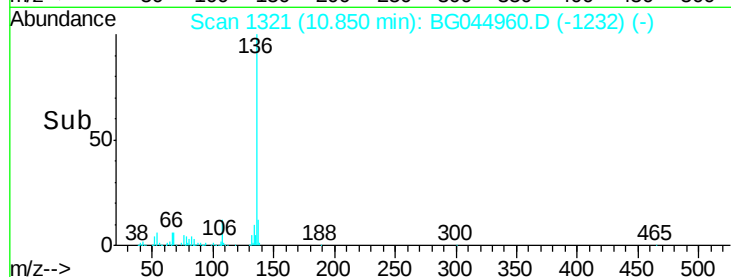
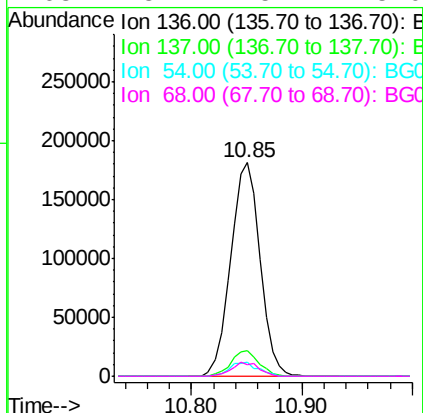
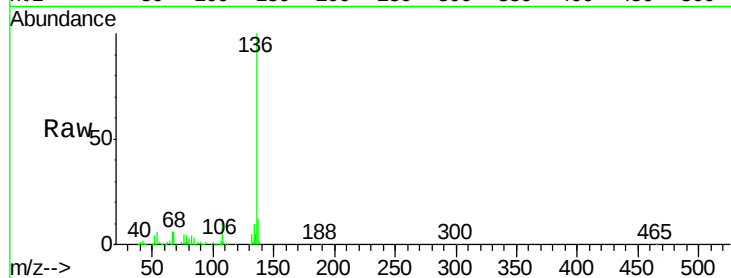




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044960.D
Acq: 7 Apr 2020 18:21

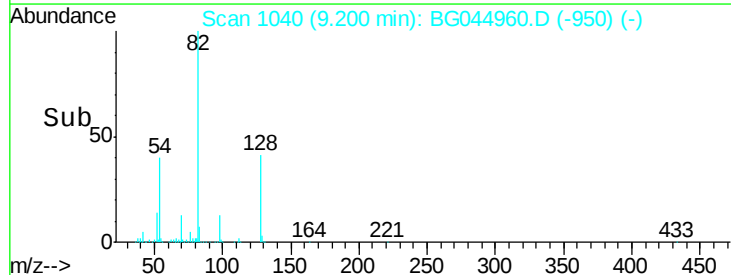
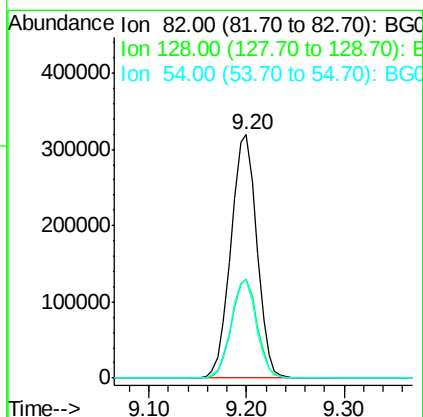
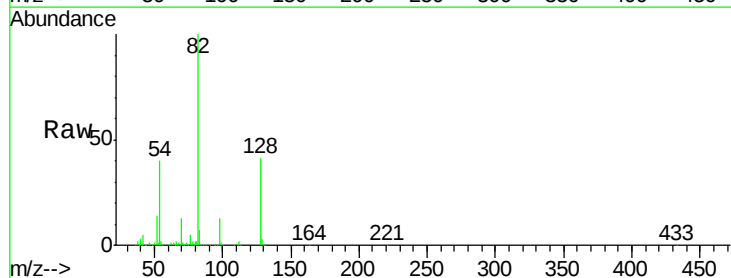
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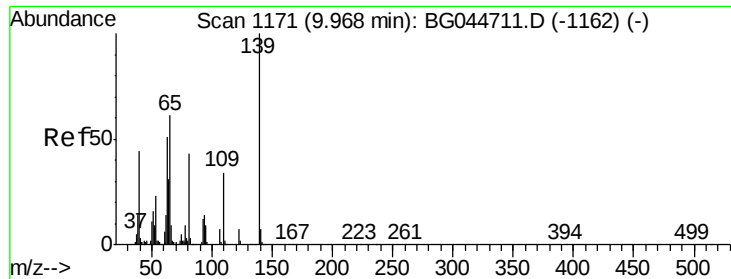
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.6
54	6.4	7.9	11.9#
68	5.7	5.4	8.0



#23
Nitrobenzene-d5
Concen: 76.68 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044960.D
Acq: 7 Apr 2020 18:21

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	30.6	46.0
54	40.4	37.1	55.7

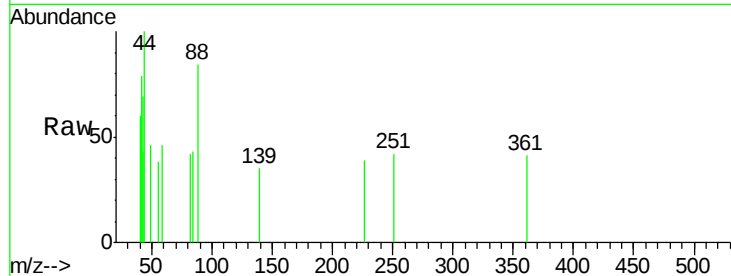




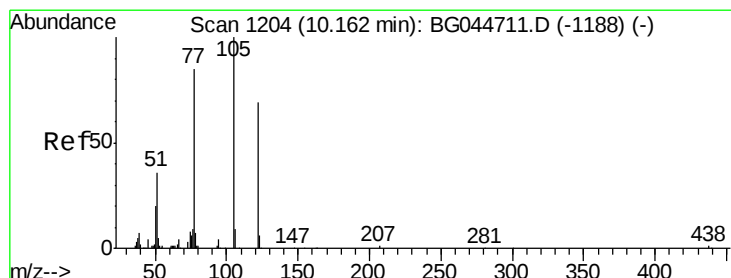
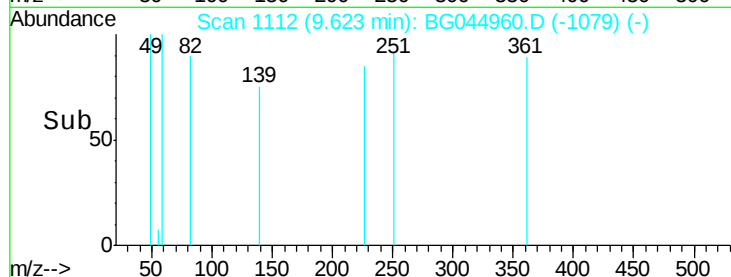
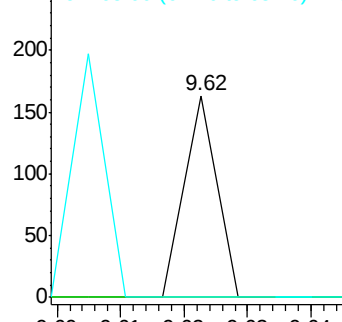
#26
2-Nitrophenol
Concen: 5.53 ng
RT: 9.62 min Scan# 1112
Delta R.T. -0.34 min
Lab File: BG044960.D
Acq: 7 Apr 2020 18:21

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.2	45.4#
65	0.0	46.3	69.5#

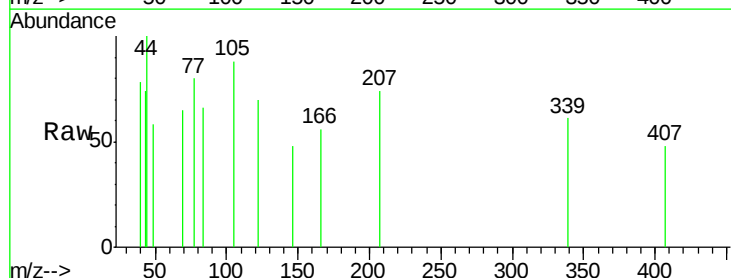


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

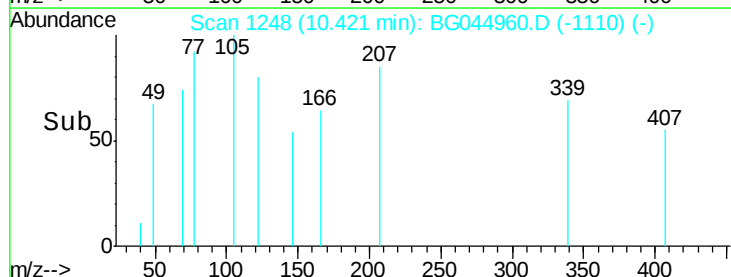
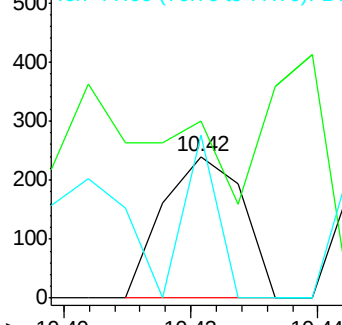


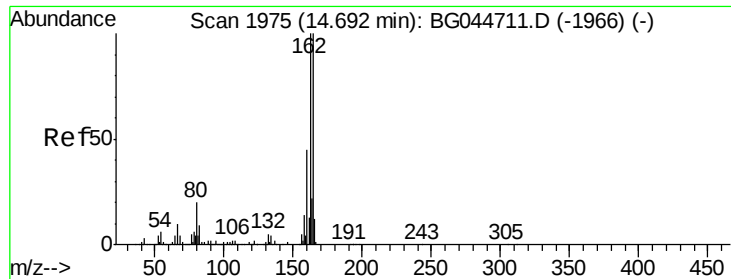
#32
Benzoic acid
Concen: 9.71 ng
RT: 10.42 min Scan# 1248
Delta R.T. 0.28 min
Lab File: BG044960.D
Acq: 7 Apr 2020 18:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.0	109.1	149.1
77	114.6	85.3	125.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044960.D

Acq: 7 Apr 2020 18:21

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

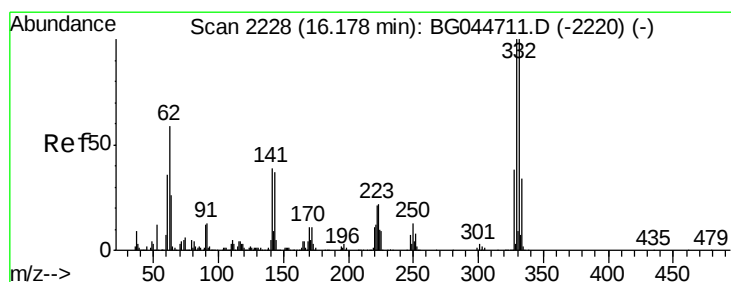
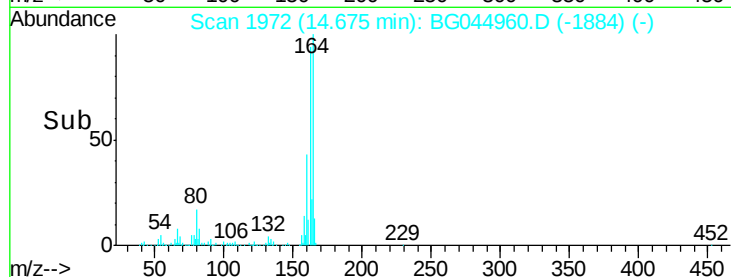
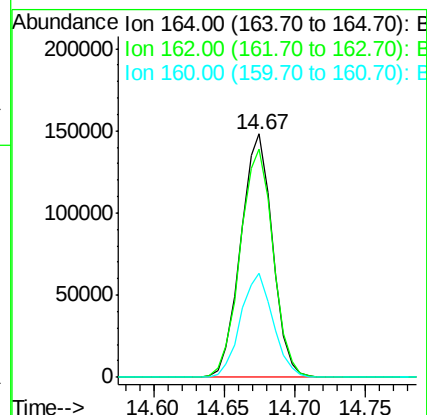
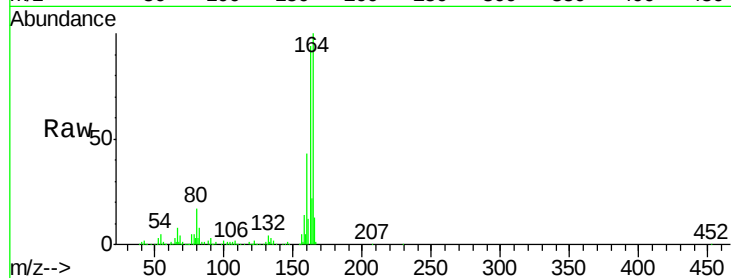
Tgt Ion:164 Resp: 231952

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: 157.55 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044960.D

Acq: 7 Apr 2020 18:21

Tgt Ion:330 Resp: 478491

Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.6

141 35.4 29.5 44.3

