

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040870.D
 Acq On : 11 May 2019 6:48
 Operator : HP/JU
 Sample : K2749-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRS-2

Quant Time: May 12 02:35:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

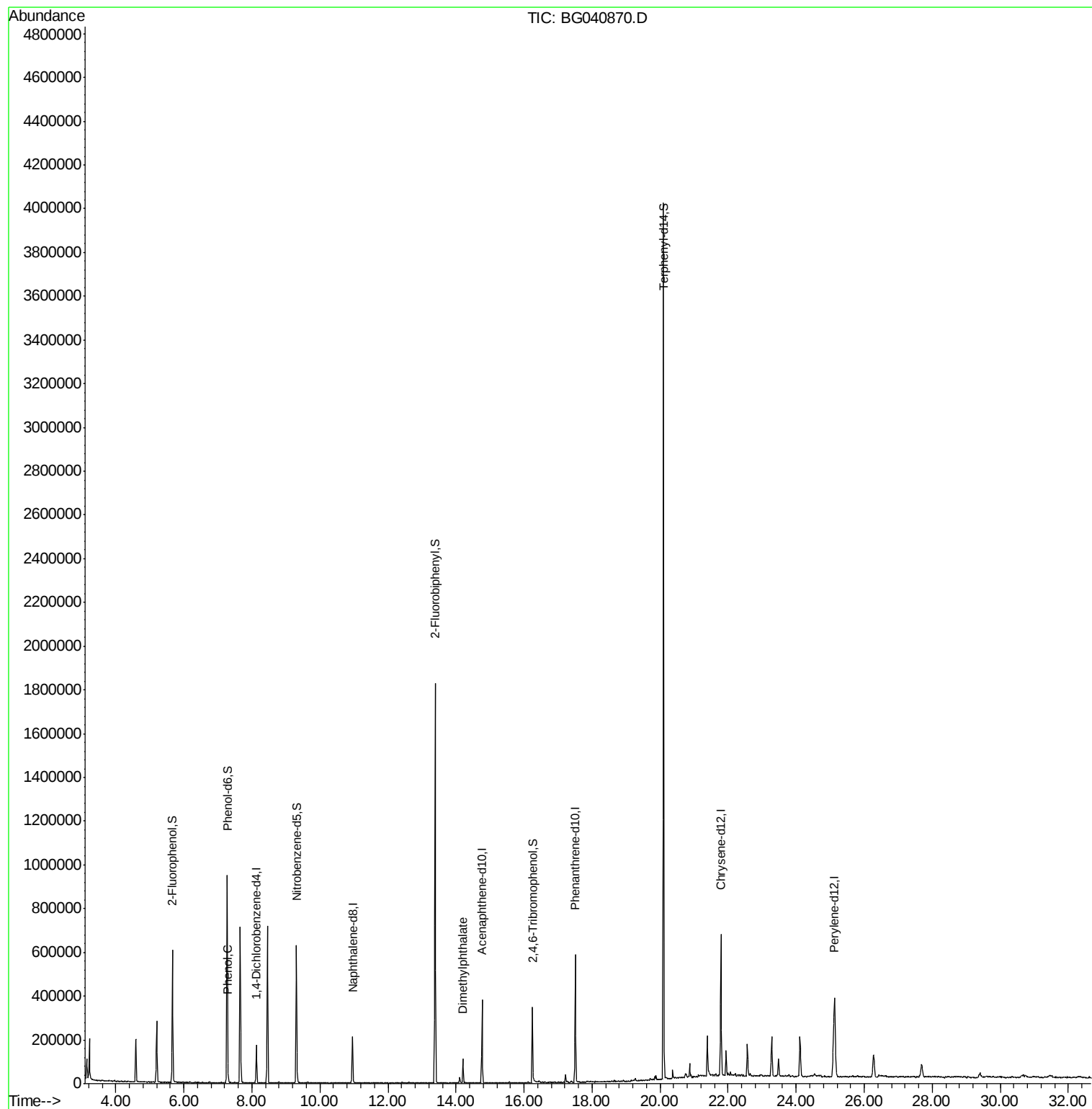
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42923	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	174259	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	133049	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	365601	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	395211	20.00	ng	-0.04
87) Perylene-d12	25.13	264	408953	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	225790	92.73	ng	-0.02
7) Phenol-d6	7.27	99	494559	131.91	ng	-0.02
23) Nitrobenzene-d5	9.31	82	381548	101.17	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	71213	38.94	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	906800	98.43	ng	-0.03
79) Terphenyl-d14	20.10	244	1816940	101.85	ng	-0.03
Target Compounds						
10) Phenol	7.30	94	11481	2.849	ng	Qvalue 90
50) Dimethylphthalate	14.20	163	73332	6.588	ng	# 97

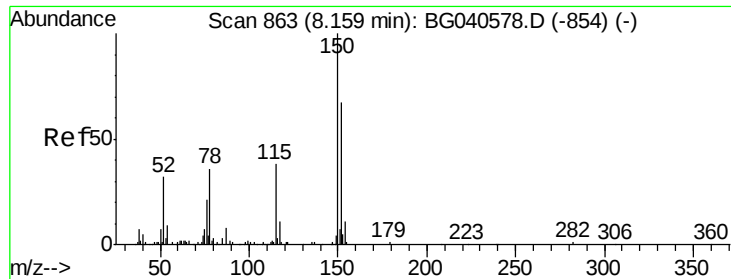
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040870.D
Acq On : 11 May 2019 6:48
Operator : HP/JU
Sample : K2749-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TRS-2

Quant Time: May 12 02:35:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration



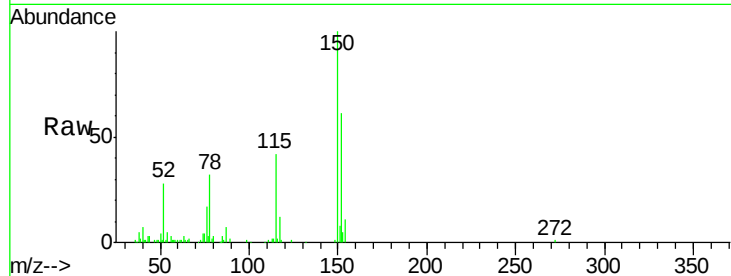


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Instrument :
BNA_G
ClientSampleId :
TRS-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.5	120.2	180.2
115	69.2	46.2	69.2

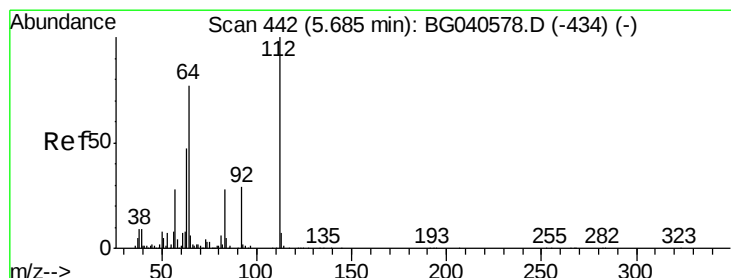
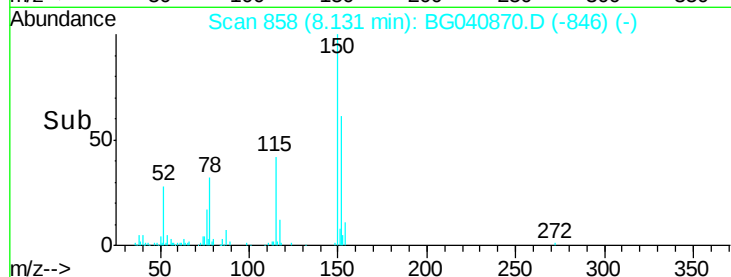
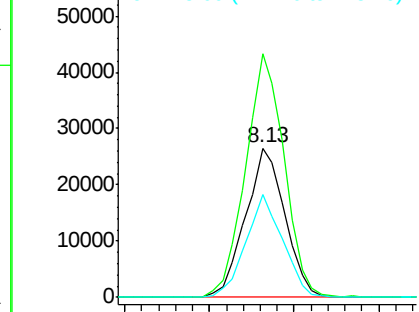


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

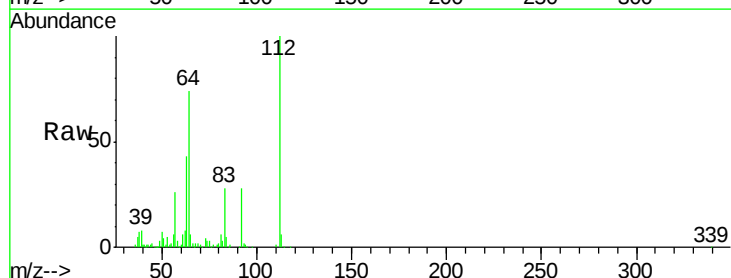
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.728 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	61.4	92.0
63	43.3	37.8	56.6

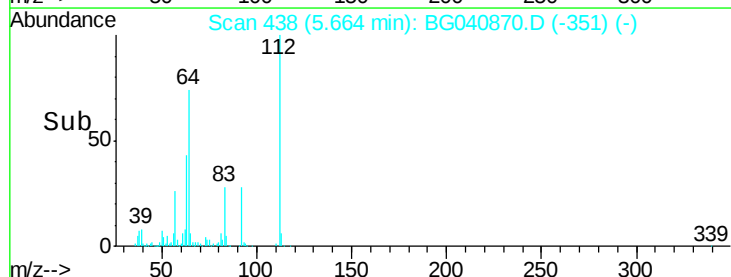
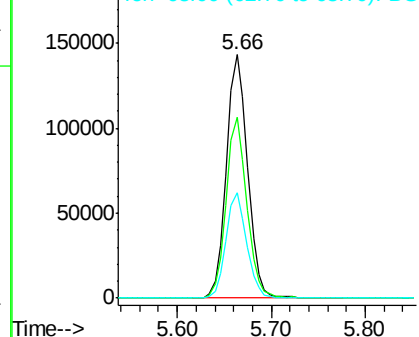


Abundance

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: 131.911 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040870.D

Acq: 11 May 2019 6:48

Instrument :

BNA_G

ClientSampleId :

TRS-2

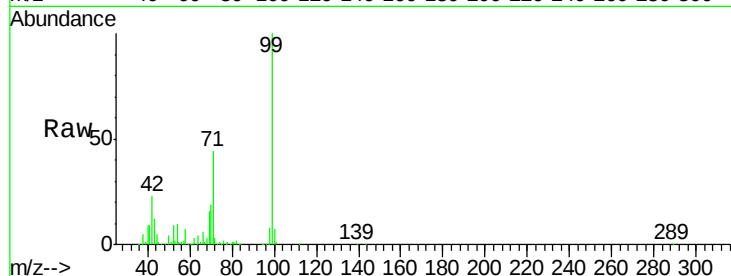
Tgt Ion: 99 Resp: 494559

Ion Ratio Lower Upper

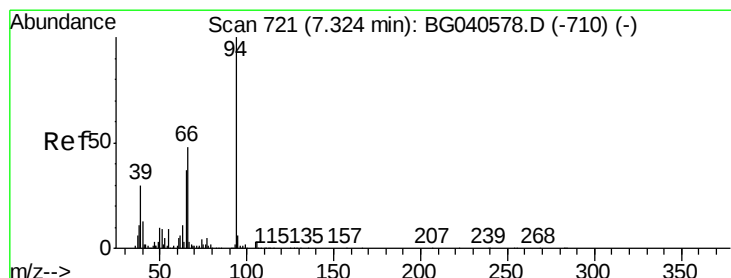
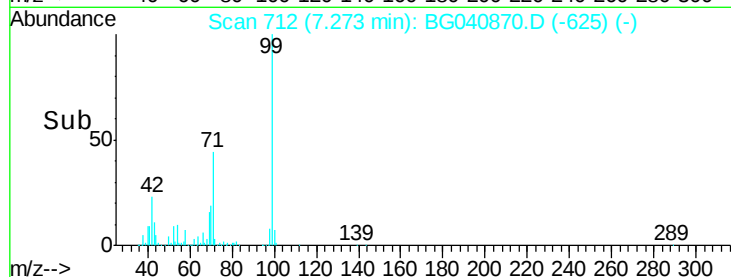
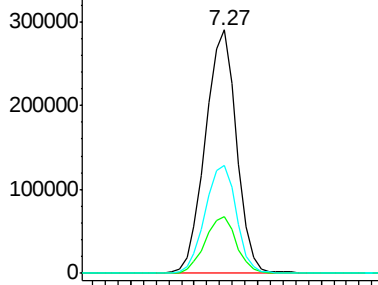
99 100

42 23.1 21.8 32.8

71 44.3 38.6 57.8



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



#10

Phenol

Concen: 2.849 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.03 min

Lab File: BG040870.D

Acq: 11 May 2019 6:48

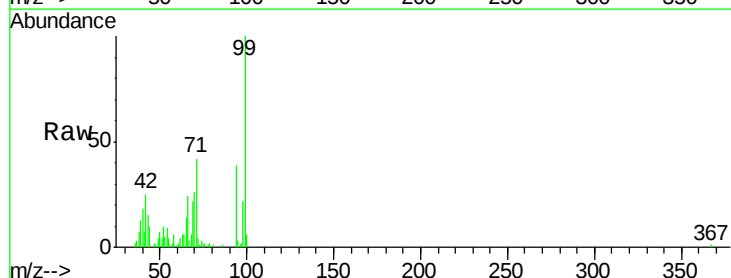
Tgt Ion: 94 Resp: 11481

Ion Ratio Lower Upper

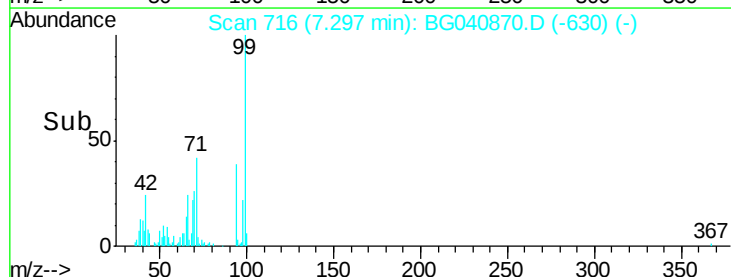
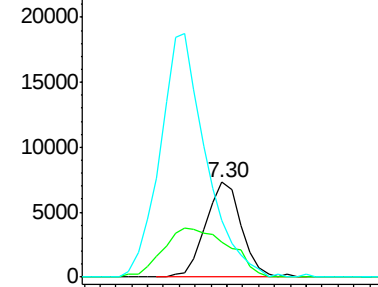
94 100

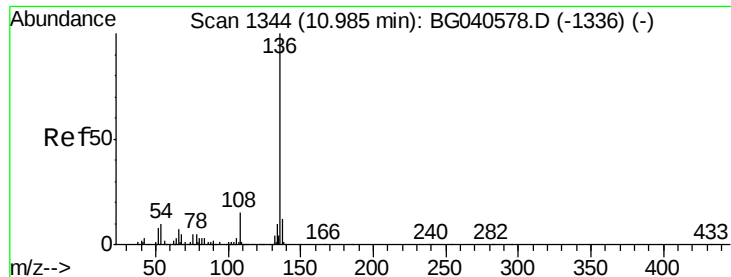
65 36.3 17.0 57.0

66 60.1 28.6 68.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

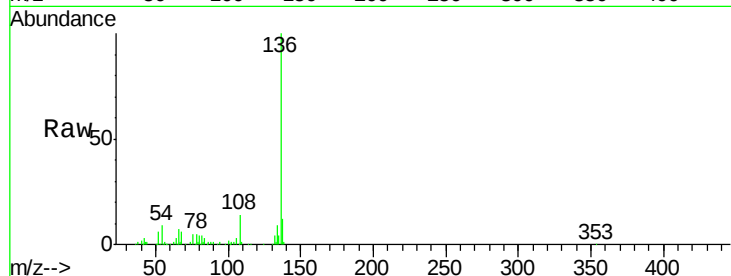




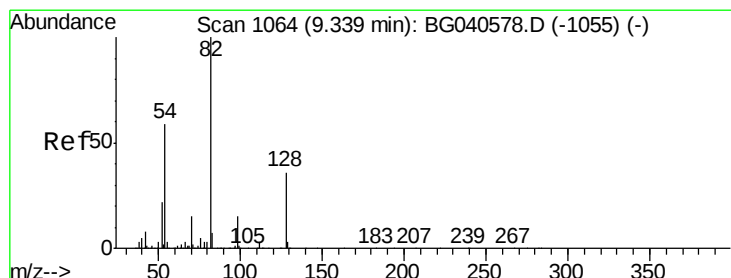
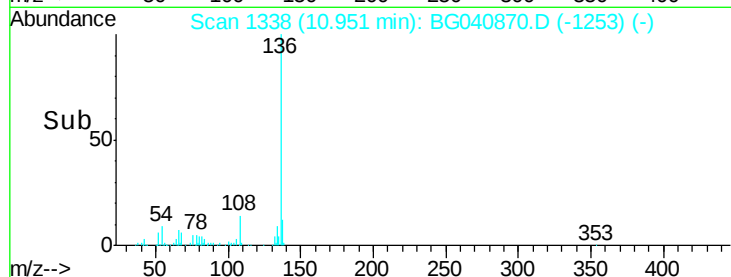
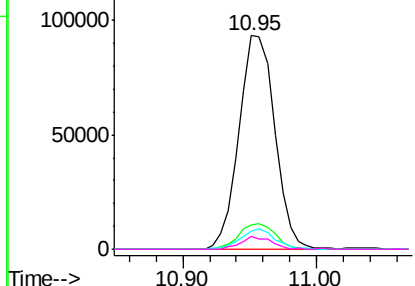
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Instrument :
BNA_G
ClientSampleId :
TRS-2

Tgt Ion:	136	Resp:	174259
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	8.7	8.6	12.8
68	6.3	4.8	7.2

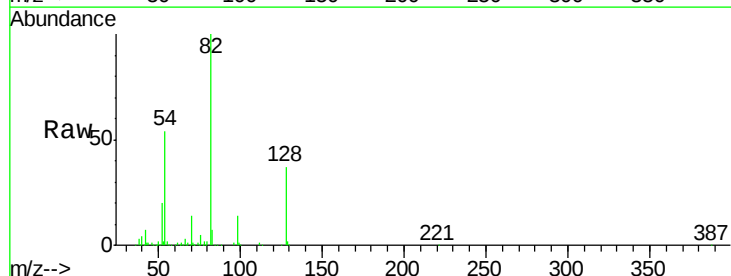


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

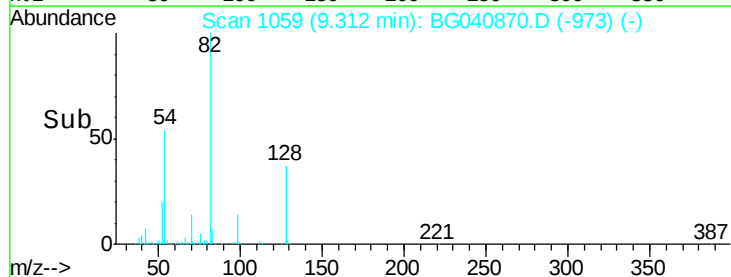
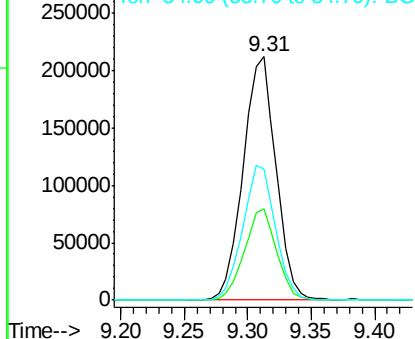


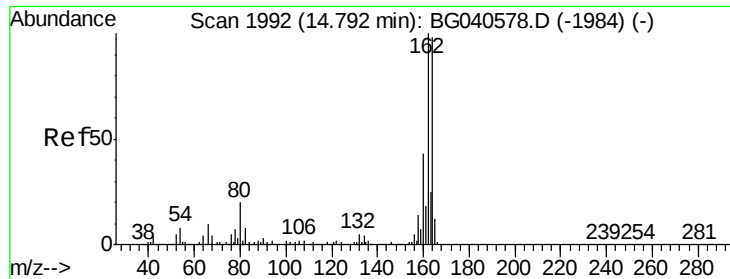
#23
Nitrobenzene-d5
Concen: 101.171 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Tgt Ion:	82	Resp:	381548
Ion	Ratio	Lower	Upper
82	100		
128	37.4	28.9	43.3
54	53.9	47.2	70.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040870.D

Acq: 11 May 2019 6:48

Instrument :

BNA_G

ClientSampleId :

TRS-2

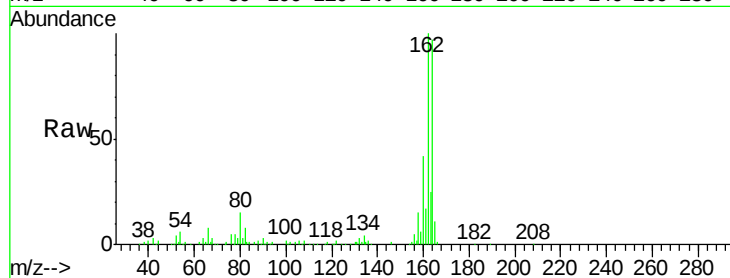
Tgt Ion:164 Resp: 133049

Ion Ratio Lower Upper

164 100

162 103.0 81.9 122.9

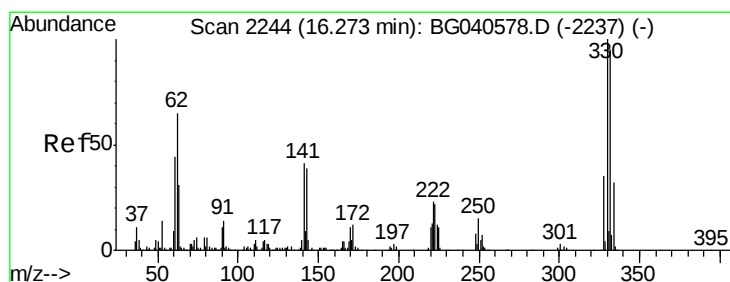
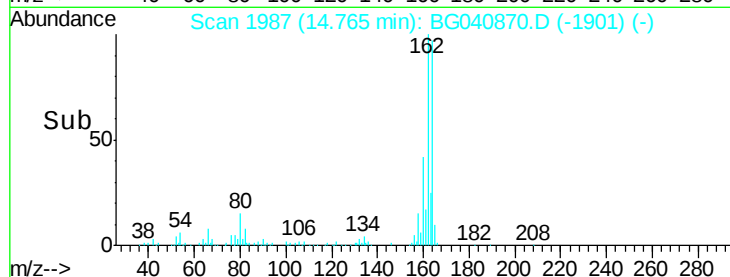
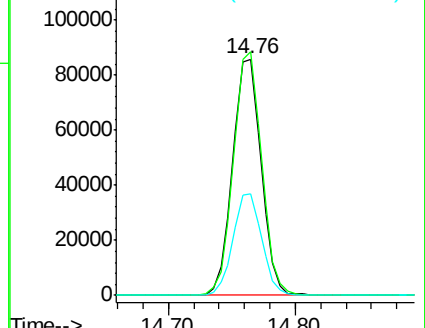
160 43.0 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 38.940 ng

RT: 16.25 min Scan# 2239

Delta R.T. -0.03 min

Lab File: BG040870.D

Acq: 11 May 2019 6:48

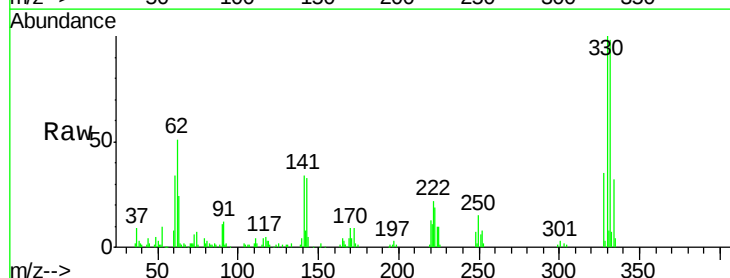
Tgt Ion:330 Resp: 71213

Ion Ratio Lower Upper

330 100

332 95.8 75.9 113.9

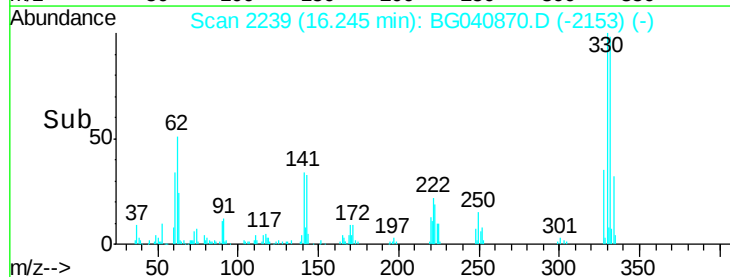
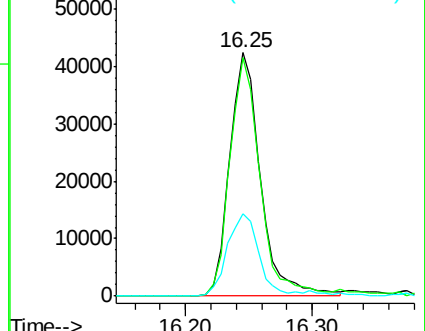
141 34.6 32.4 48.6



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: 98.430 ng

RT: 13.38 min Scan# 1752

Delta R.T. -0.03 min

Lab File: BG040870.D

Acq: 11 May 2019 6:48

Instrument :

BNA_G

ClientSampleId :

TRS-2

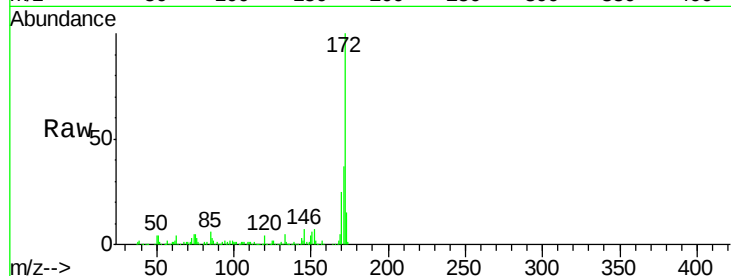
Tgt Ion:172 Resp: 906800

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.2

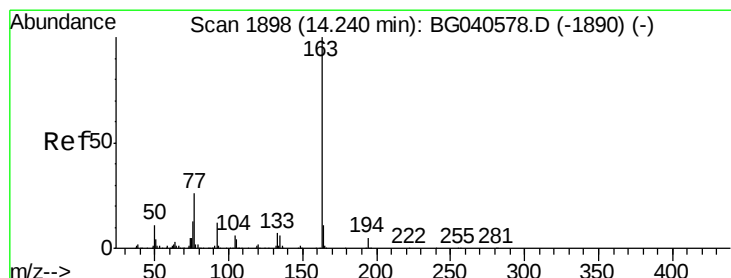
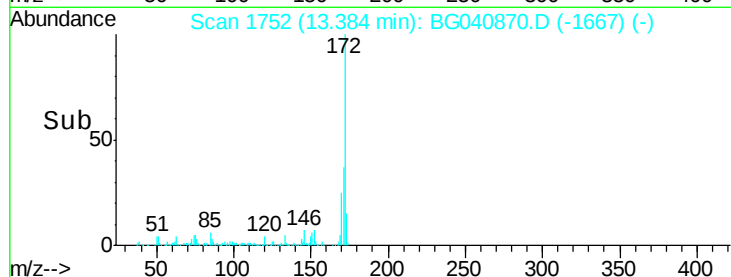
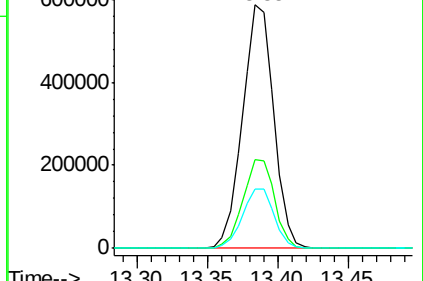
170 24.6 19.9 29.9



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: 6.588 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.04 min

Lab File: BG040870.D

Acq: 11 May 2019 6:48

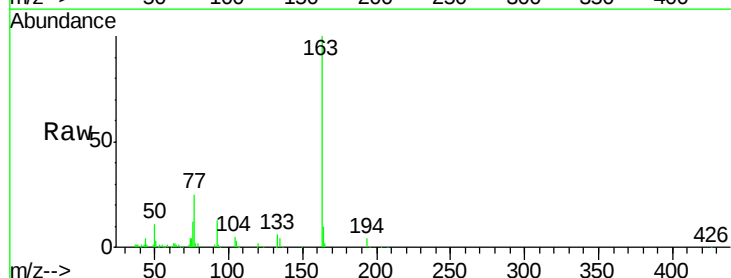
Tgt Ion:163 Resp: 73332

Ion Ratio Lower Upper

163 100

194 3.8 3.8 5.8#

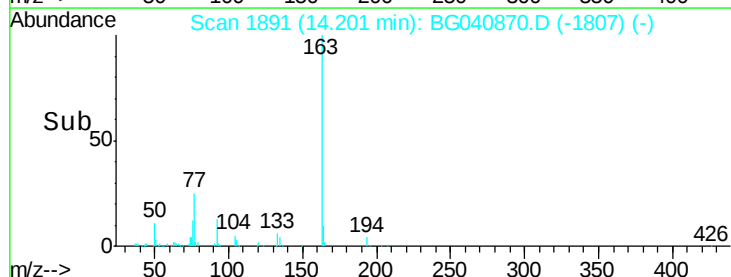
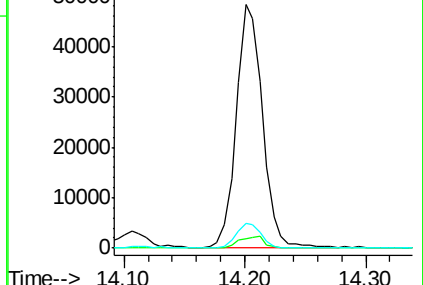
164 10.1 8.8 13.2

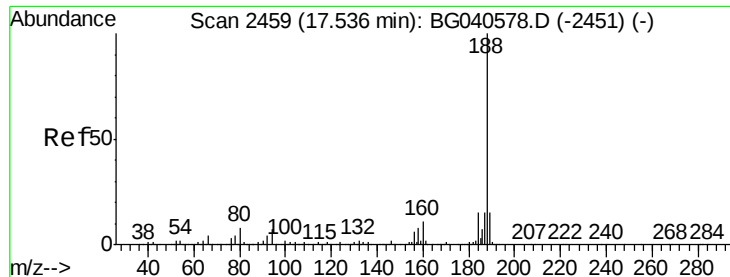


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

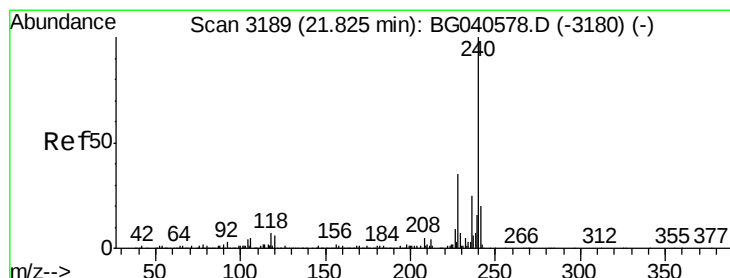
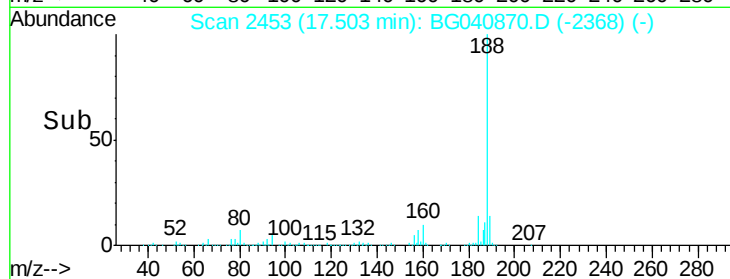
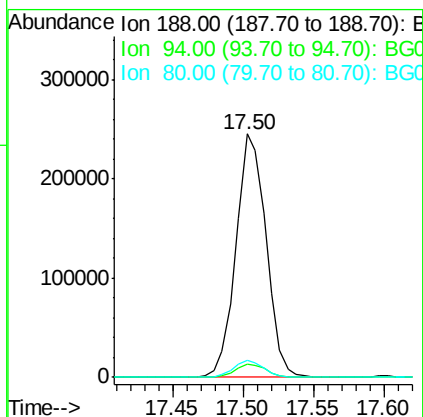
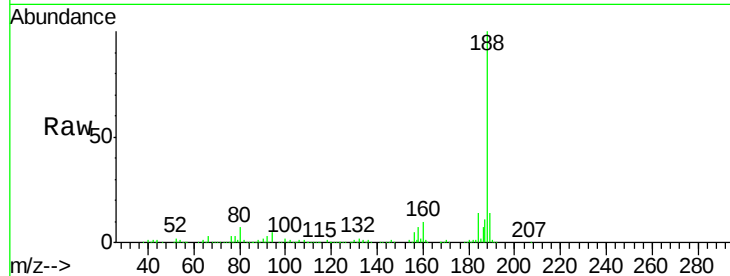




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

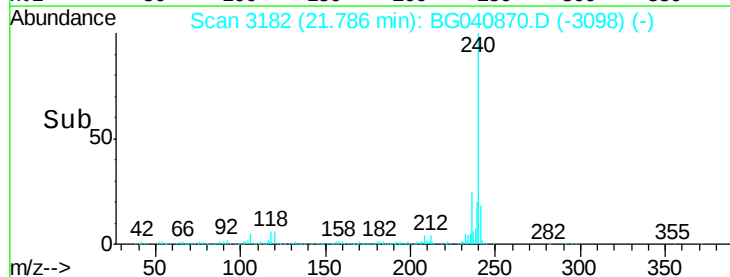
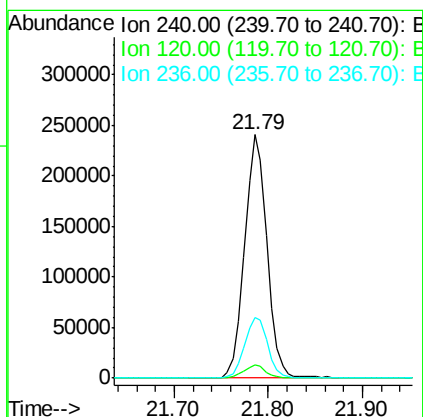
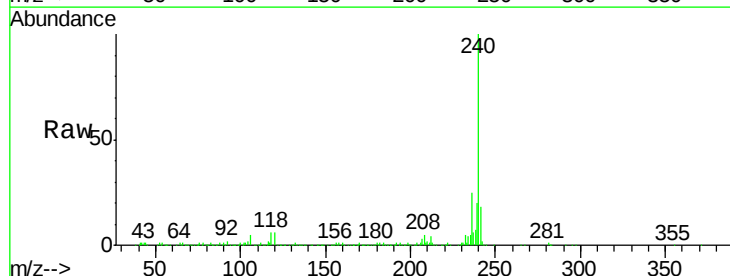
Instrument :
BNA_G
ClientSampleId :
TRS-2

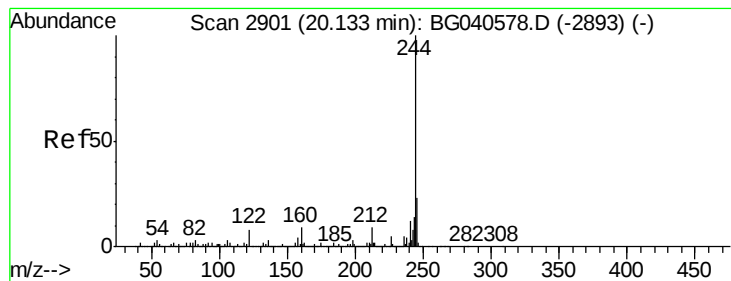
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.6	8.4#
80	6.9	6.4	9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.0	7.6
236	25.1	20.3	30.5





#79

Terphenyl-d14

Concen: 101.852 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040870.D

Acq: 11 May 2019 6:48

Instrument :

BNA_G

ClientSampleId :

TRS-2

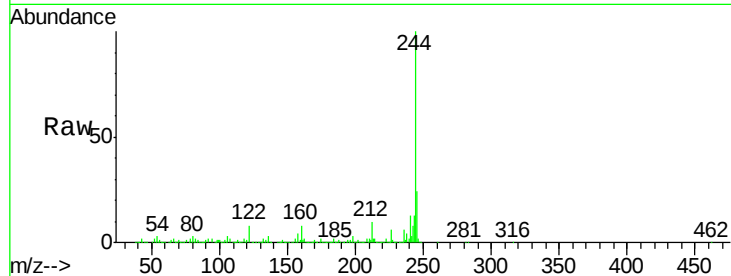
Tgt Ion:244 Resp: 1816940

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

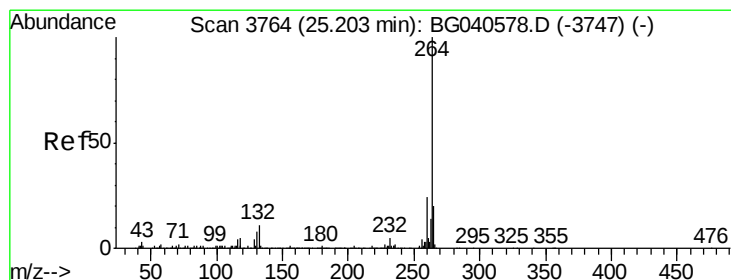
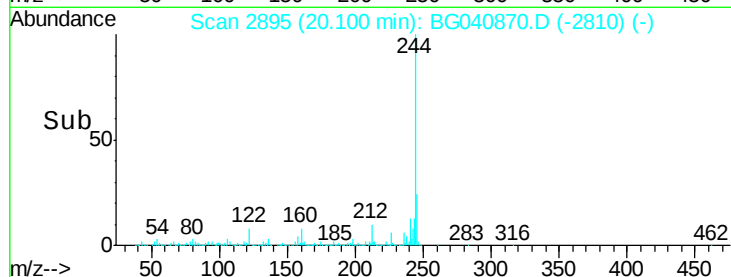
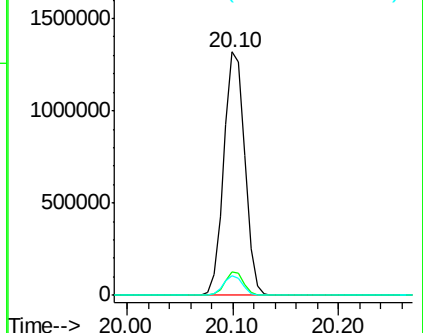
122 8.2 6.6 10.0



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

Perylene-d12

Concen: 20.000 ng

RT: 25.13 min Scan# 3752

Delta R.T. -0.07 min

Lab File: BG040870.D

Acq: 11 May 2019 6:48

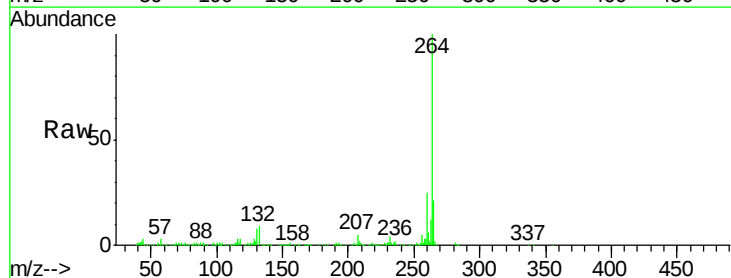
Tgt Ion:264 Resp: 408953

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.3 16.6 25.0



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

