

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039873.D
 Acq On : 12 Mar 2019 14:16
 Operator : JU/SJ
 Sample : K1830-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019

Quant Time: Mar 13 06:38:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

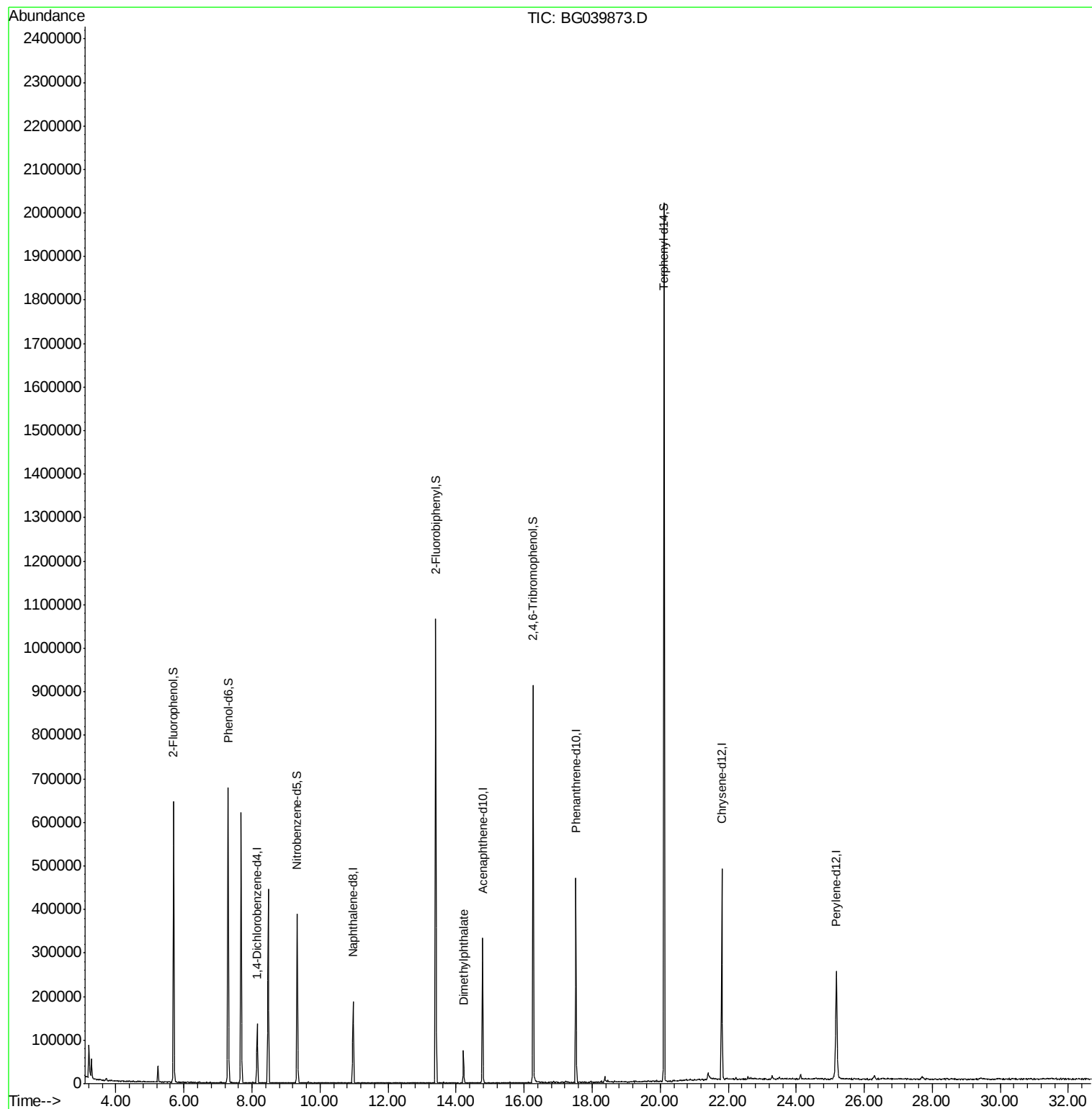
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37077	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	158392	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	116318	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	291339	20.00	ng	0.00
76) Chrysene-d12	21.81	240	304880	20.00	ng	0.00
87) Perylene-d12	25.18	264	299020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	267455	123.06	ng	0.00
7) Phenol-d6	7.30	99	394593	121.77	ng	0.00
23) Nitrobenzene-d5	9.33	82	231097	78.91	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	157704	116.32	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	580016	71.00	ng	0.00
79) Terphenyl-d14	20.12	244	970058	70.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.22	163	52801	5.429	ng	Qvalue 98

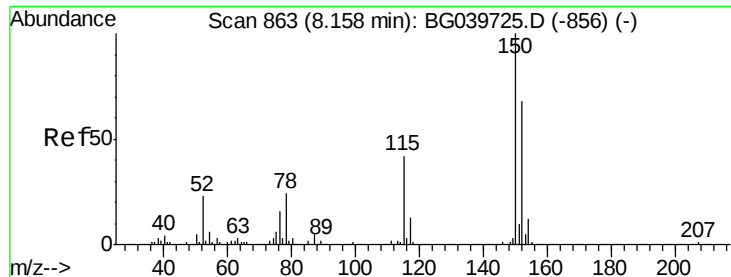
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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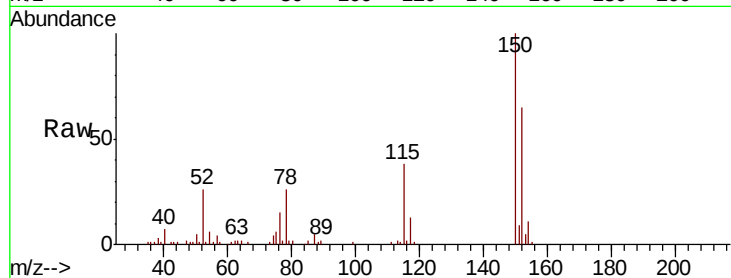


#1

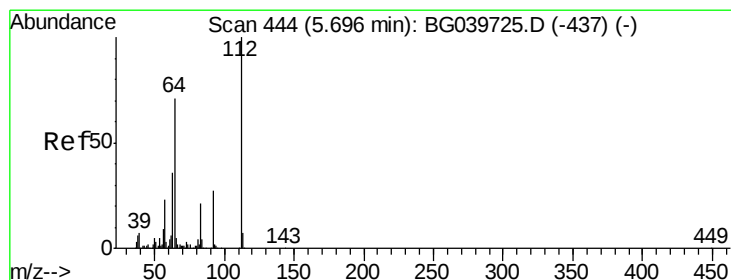
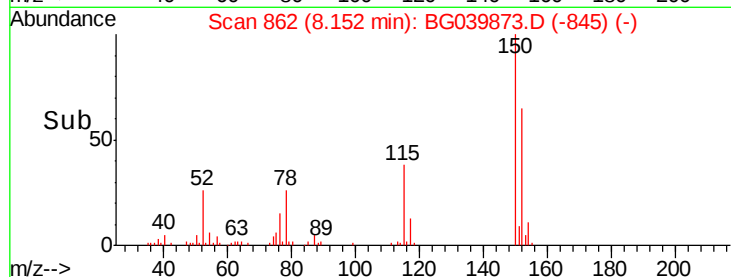
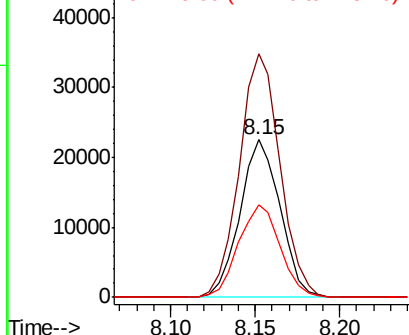
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039873.D
Acq: 12 Mar 2019 14:16

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019

Tot Ion:152 Resp: 37077
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 58.5 45.9 68.9



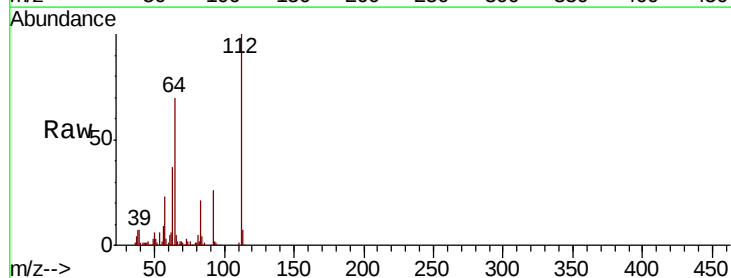
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



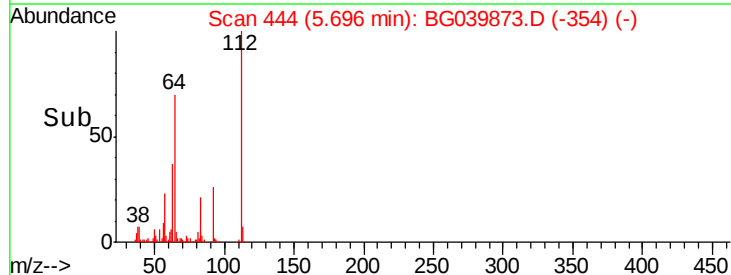
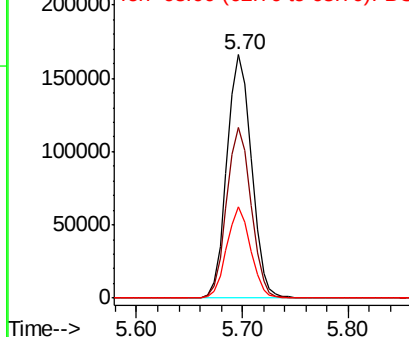
#5

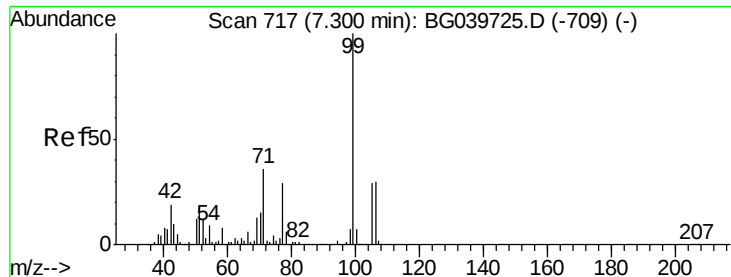
2-Fluorophenol
Concen: 123.063 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.00 min
Lab File: BG039873.D
Acq: 12 Mar 2019 14:16

Tgt Ion:112 Resp: 267455
Ion Ratio Lower Upper
112 100
64 69.9 57.8 86.8
63 37.4 29.8 44.6



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: 121.768 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039873.D

Acq: 12 Mar 2019 14:16

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019

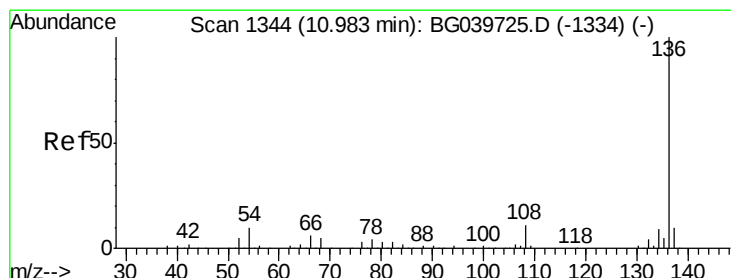
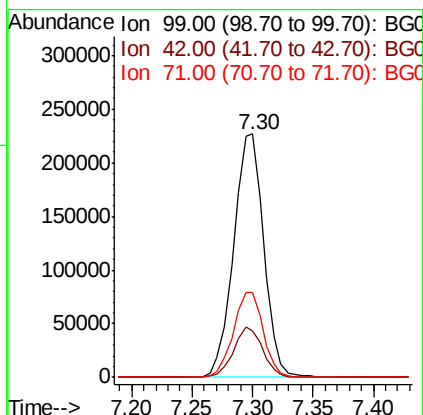
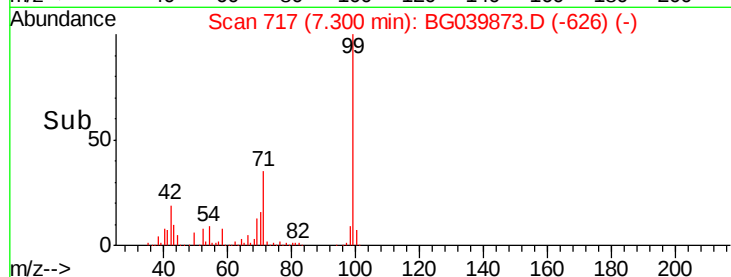
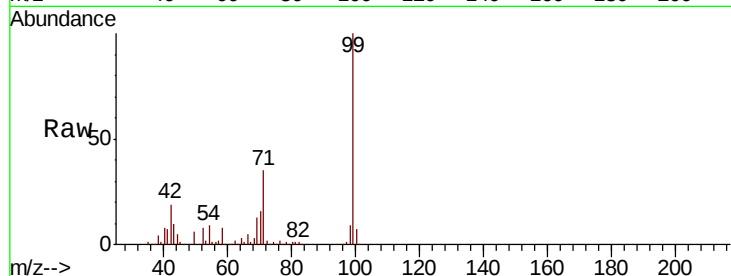
Tot Ion: 99 Resp: 394593

Ion Ratio Lower Upper

99 100

42 19.3 18.2 27.2

71 34.9 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BG039873.D

Acq: 12 Mar 2019 14:16

Tgt Ion: 136 Resp: 158392

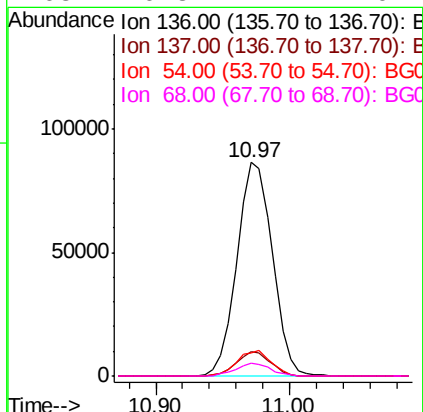
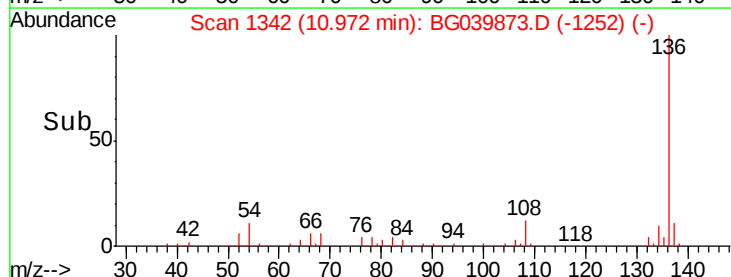
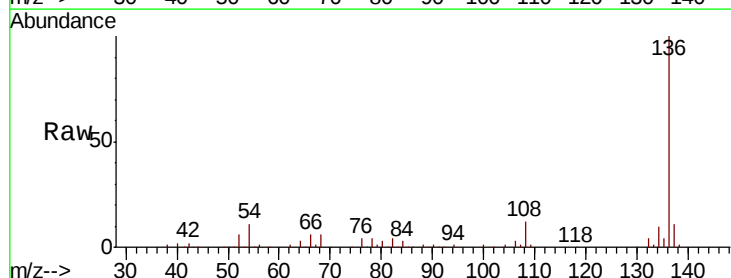
Ion Ratio Lower Upper

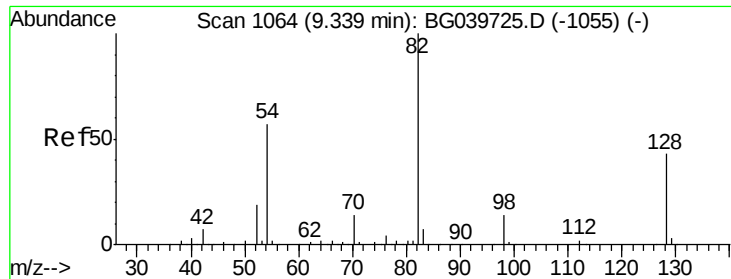
136 100

137 11.4 9.1 13.7

54 11.0 9.4 14.2

68 6.3 4.2 6.4

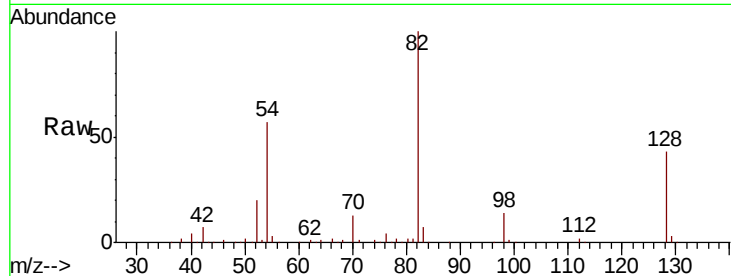




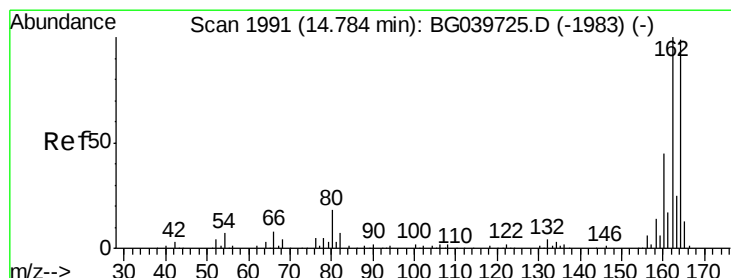
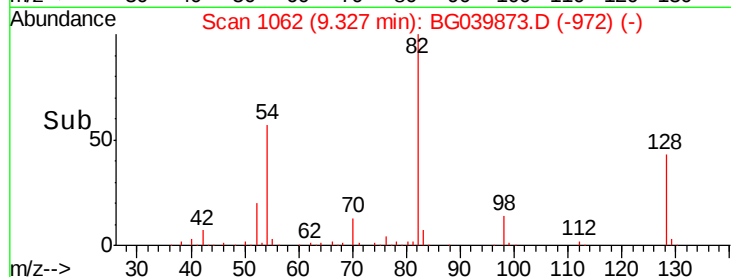
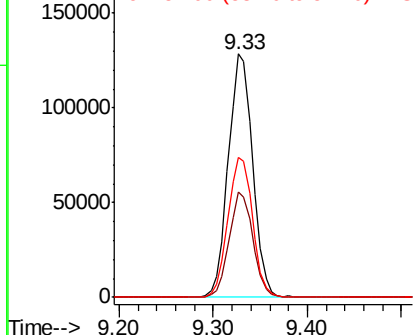
#23
Nitrobenzene-d5
Concen: 78.910 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BG039873.D
Acq: 12 Mar 2019 14:16

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019

Tot Ion	82	Resp	231097
Ion Ratio	100	Lower	Upper
128	43.1	31.3	46.9
54	57.2	50.9	76.3

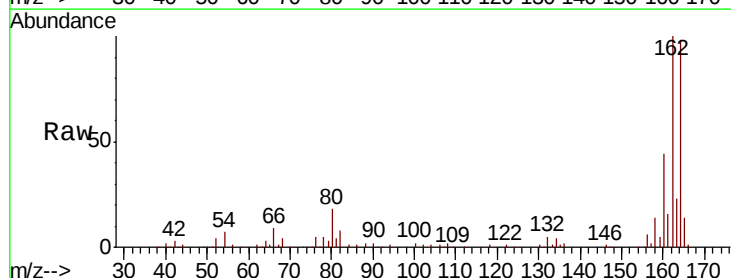


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

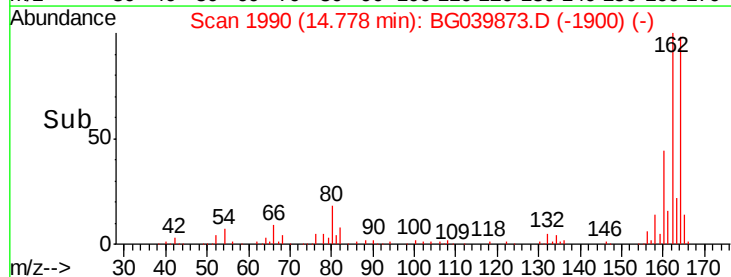
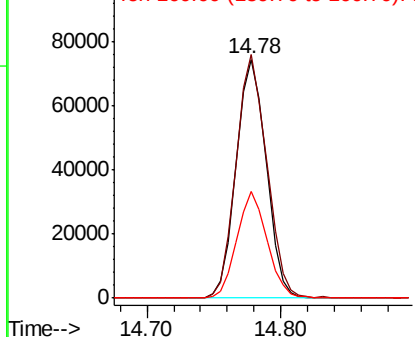


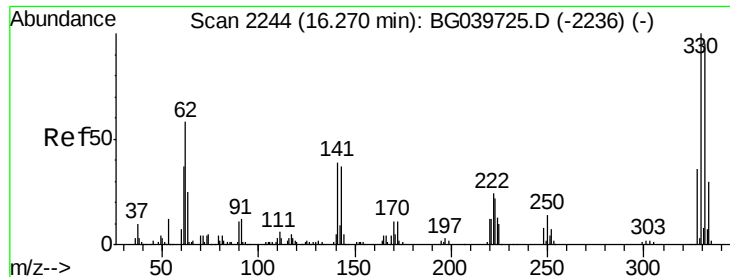
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG039873.D
Acq: 12 Mar 2019 14:16

Tgt Ion	164	Resp	116318
Ion Ratio	100	Lower	Upper
162	101.9	81.6	122.4
160	44.8	34.2	51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 116.320 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG039873.D

Acq: 12 Mar 2019 14:16

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019

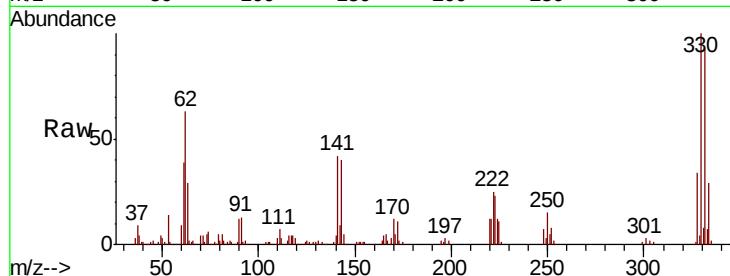
Tot Ion:330 Resp: 157704

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

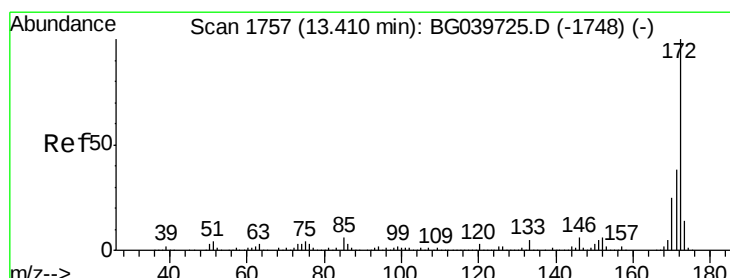
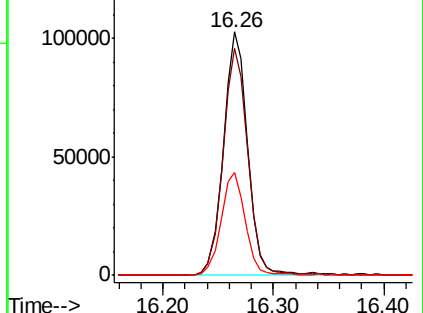
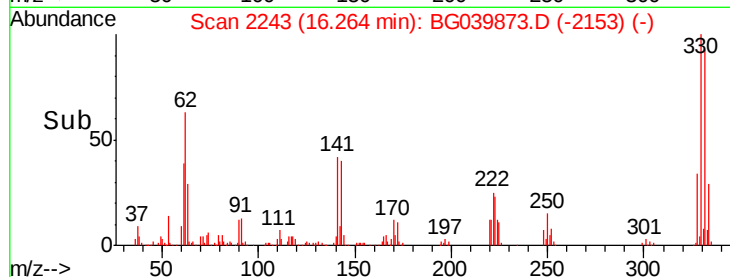
141 42.2 35.6 53.4



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: 70.999 ng

RT: 13.40 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BG039873.D

Acq: 12 Mar 2019 14:16

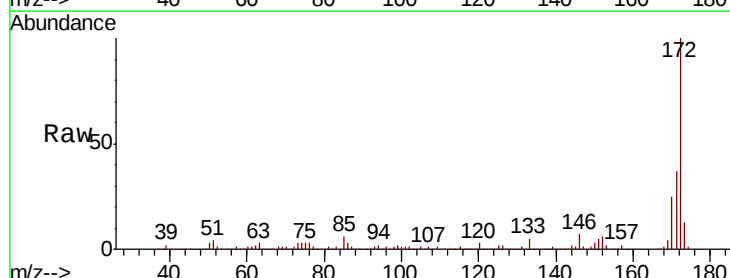
Tgt Ion:172 Resp: 580016

Ion Ratio Lower Upper

172 100

171 37.0 30.8 46.2

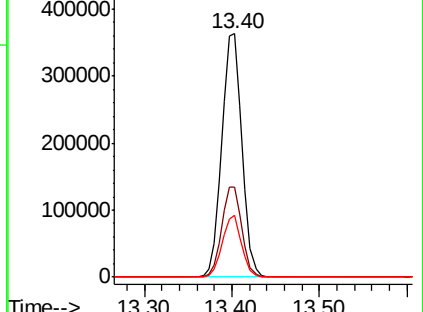
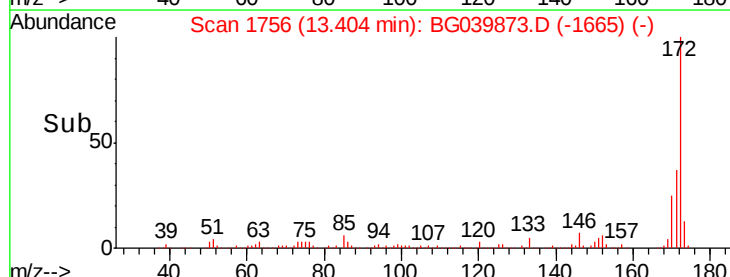
170 25.1 20.2 30.4

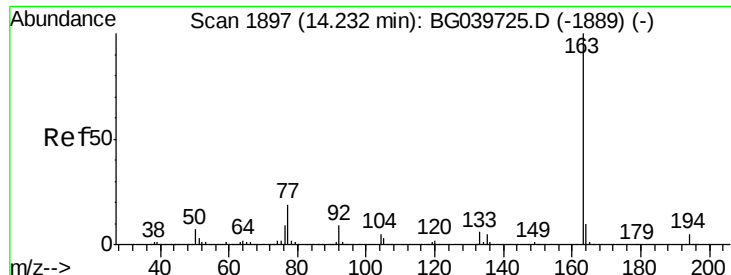


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.429 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG039873.D

Acq: 12 Mar 2019 14:16

Instrument :

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ClientSampleId :

BALLFIELD-SS-03072019

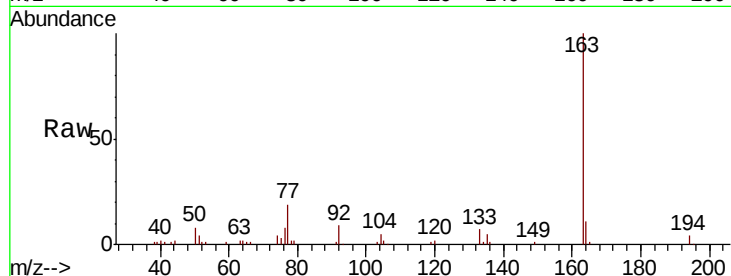
Tot Ion:163 Resp: 52801

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

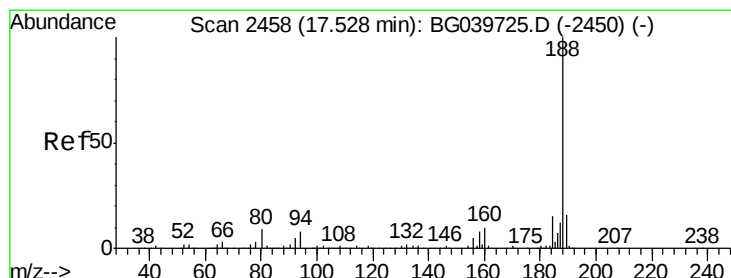
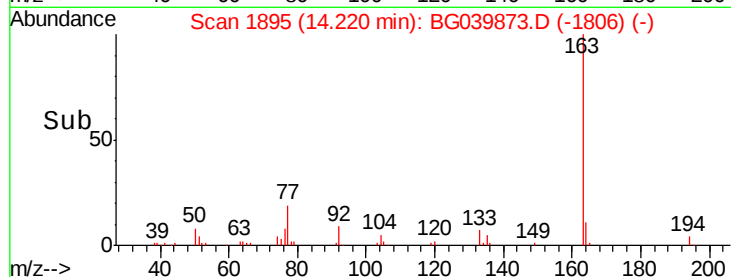
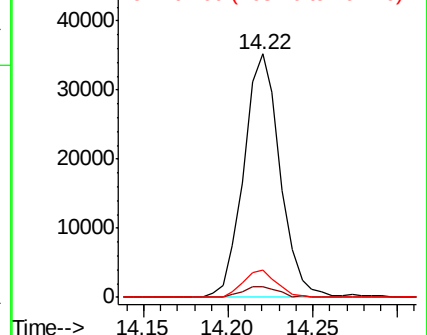
164 11.3 8.4 12.6



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: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG039873.D

Acq: 12 Mar 2019 14:16

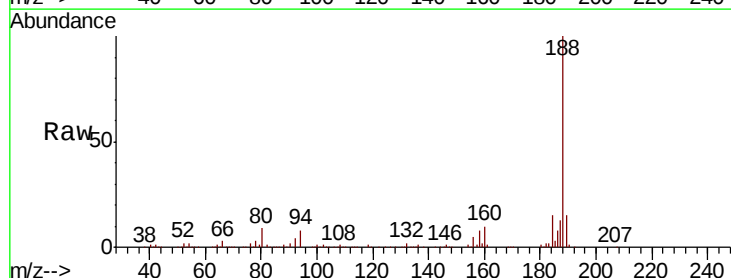
Tgt Ion:188 Resp: 291339

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

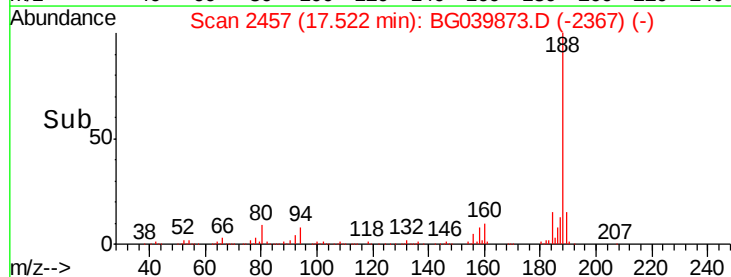
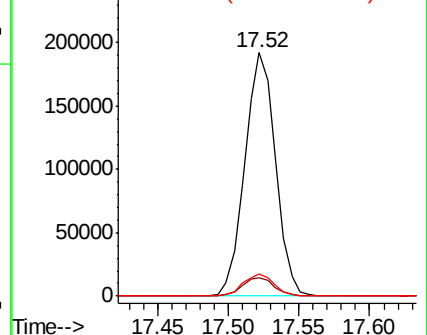
80 9.3 8.1 12.1

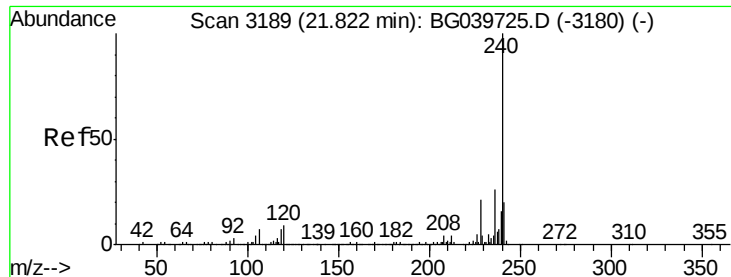


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

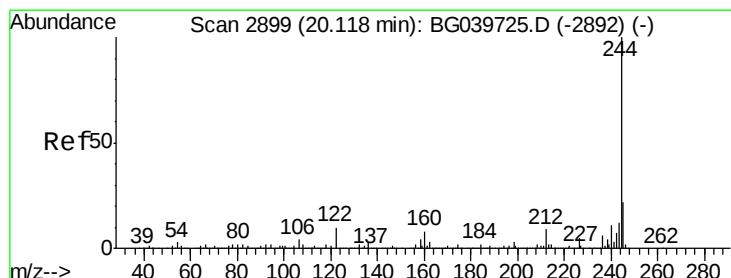
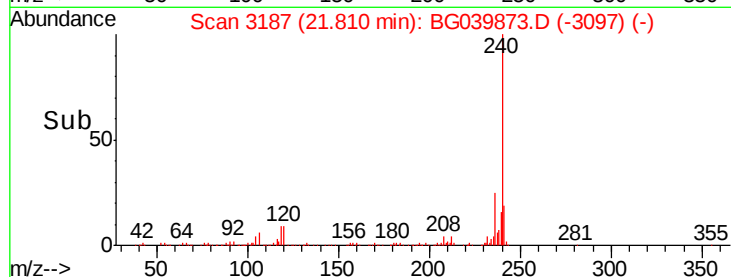
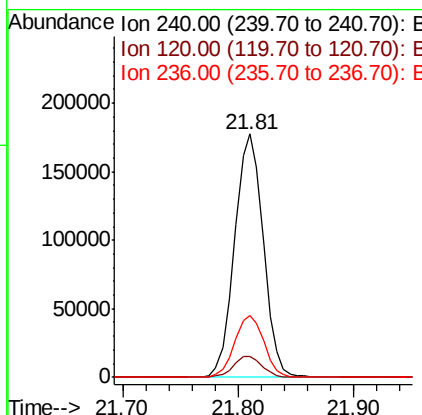
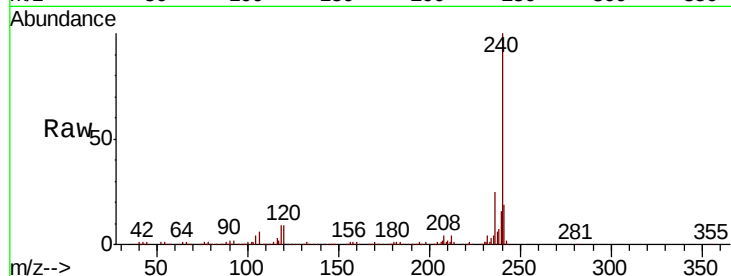




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.00 min
Lab File: BG039873.D
Acq: 12 Mar 2019 14:16

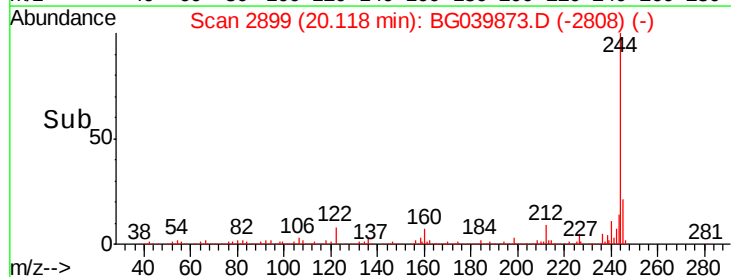
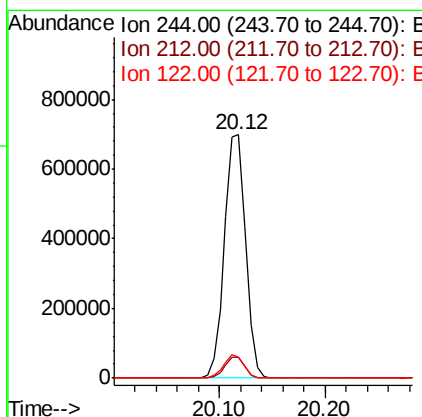
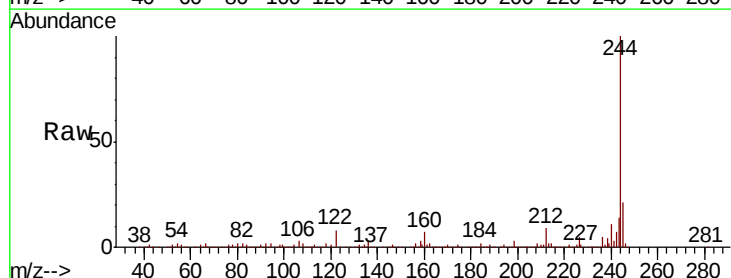
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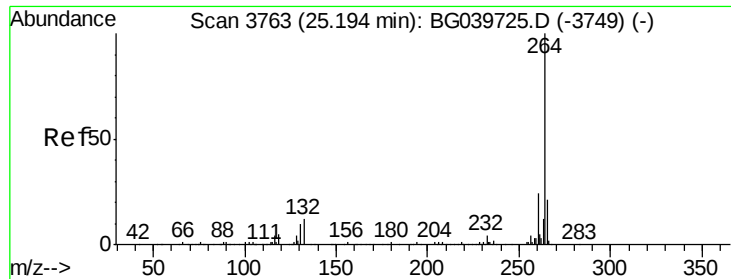
Tot Ion:240 Resp: 304880
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.4 21.0 31.4



#79
Terphenyl-d14
Concen: 70.056 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG039873.D
Acq: 12 Mar 2019 14:16

Tgt Ion:244 Resp: 970058
Ion Ratio Lower Upper
244 100
212 8.7 7.3 10.9
122 8.3 8.4 12.6#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.00 min
Lab File: BG039873.D
Acq: 12 Mar 2019 14:16

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019

Tot Ion:264 Resp: 299020
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.4
265 20.8 18.5 27.7

