

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040173.D
 Acq On : 27 Mar 2019 8:21
 Operator : JU/SJ
 Sample : K2091-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Quant Time: Mar 27 14:07:12 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 27 13:43:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38686	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	163365	20.00	ng	0.00
39) Acenaphthene-d10	14.77	164	109086	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	256730	20.00	ng	0.00
76) Chrysene-d12	21.79	240	264418	20.00	ng	0.00
87) Perylene-d12	25.15	264	254891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	288361	127.16	ng	0.00
7) Phenol-d6	7.29	99	374311	110.70	ng	0.00
23) Nitrobenzene-d5	9.32	82	300384	99.45	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	142519	112.09	ng	0.00
45) 2-Fluorobiphenyl	13.39	172	733525	95.74	ng	0.00
79) Terphenyl-d14	20.10	244	1120553	93.31	ng	0.00

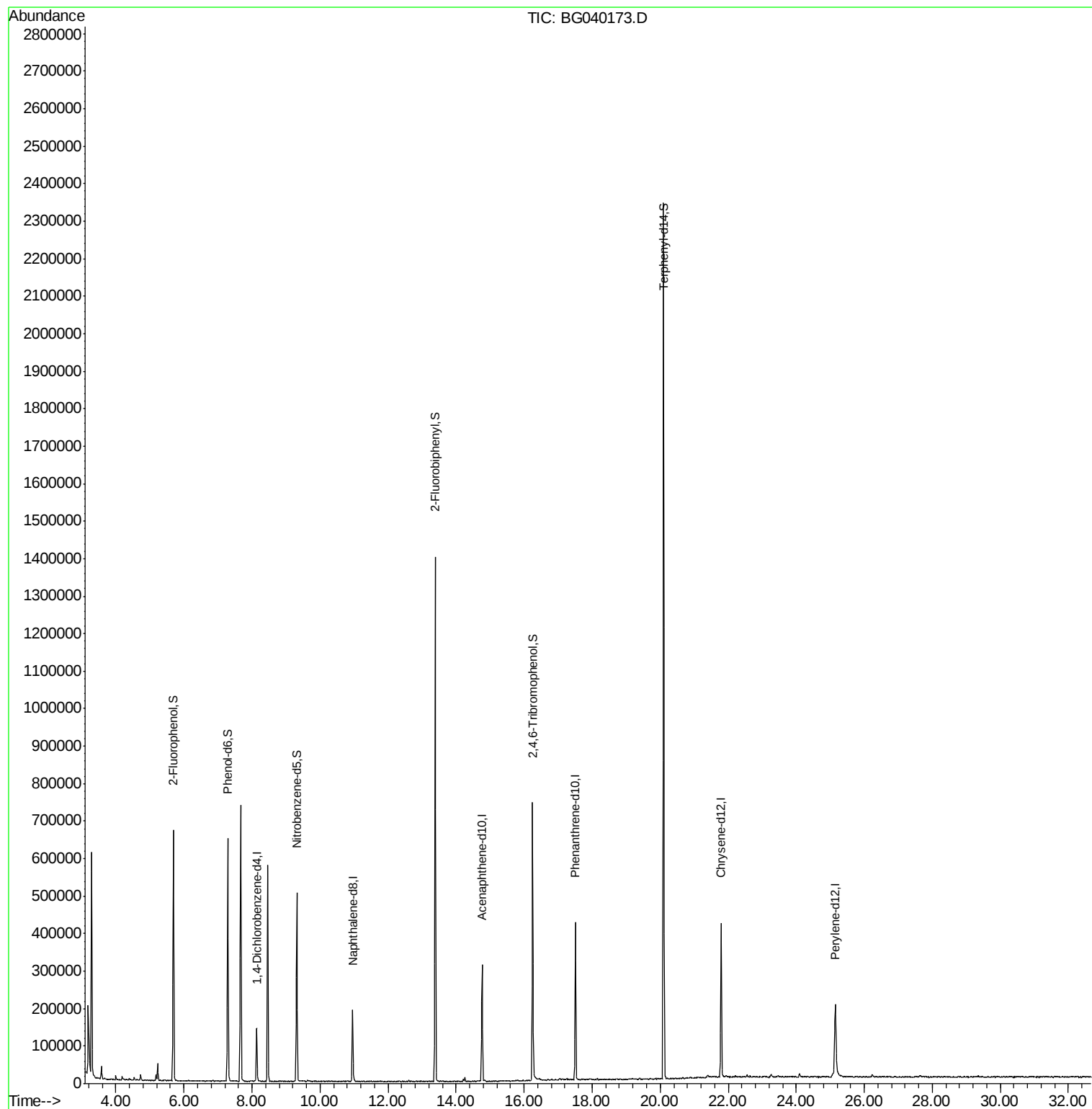
Target Compounds Qvalue

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

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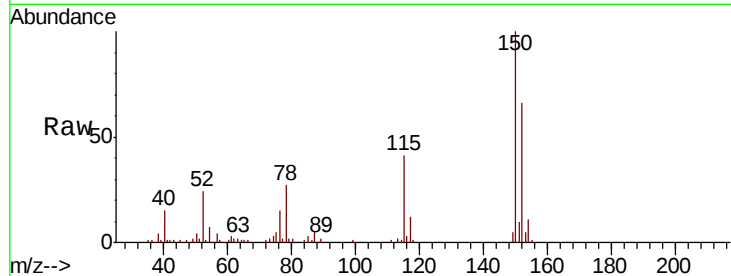


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG040173.D
Acq: 27 Mar 2019 8:21

Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	115.2	172.8
115	61.9	47.0	70.6

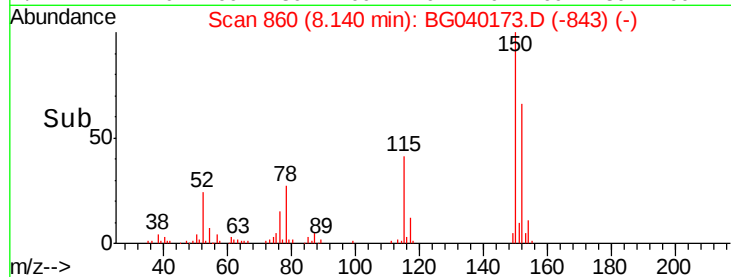
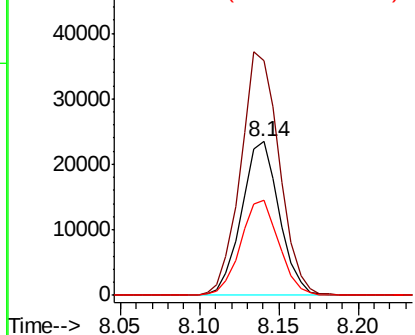


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

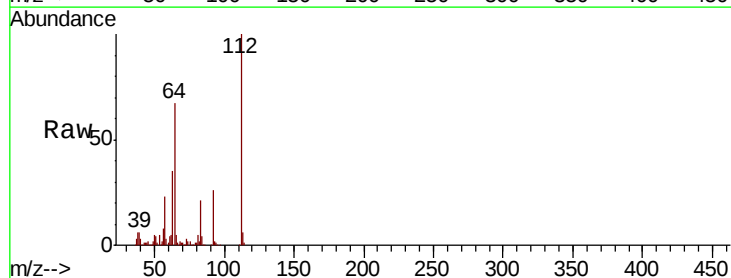
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.164 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.01 min
Lab File: BG040173.D
Acq: 27 Mar 2019 8:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	55.5	83.3
63	34.9	30.2	45.4

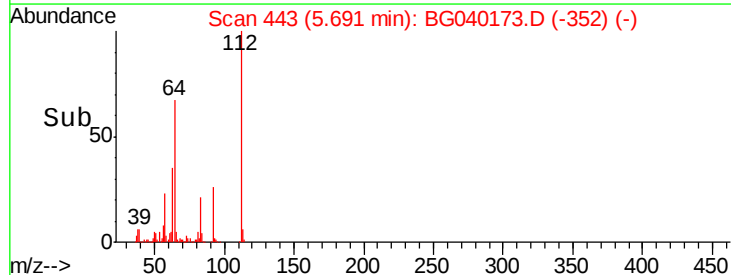
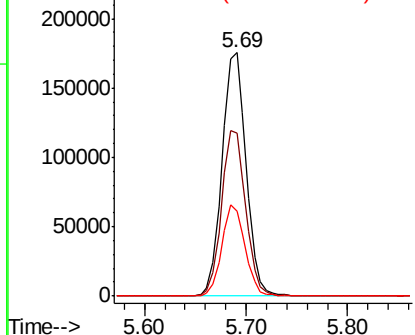


Abundance

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: 110.705 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040173.D

Acq: 27 Mar 2019 8:21

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

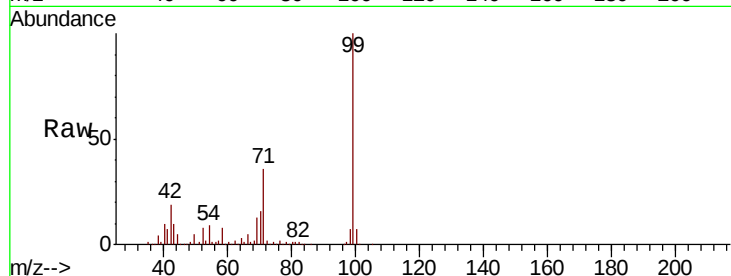
Tot Ion: 99 Resp: 374311

Ion Ratio Lower Upper

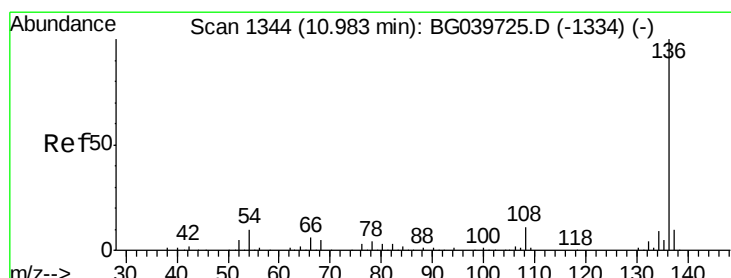
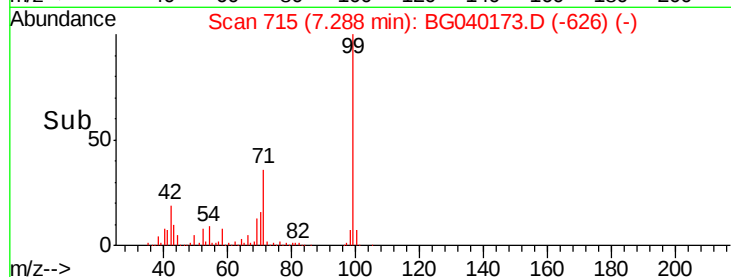
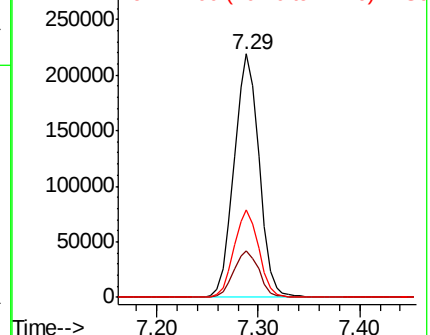
99 100

42 19.3 15.4 23.2

71 35.8 29.1 43.7



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: 10.96 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BG040173.D

Acq: 27 Mar 2019 8:21

Tgt Ion: 136 Resp: 163365

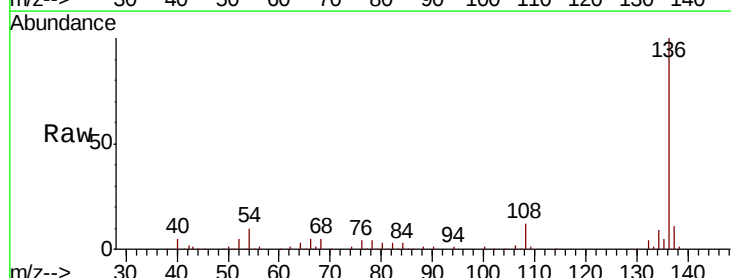
Ion Ratio Lower Upper

136 100

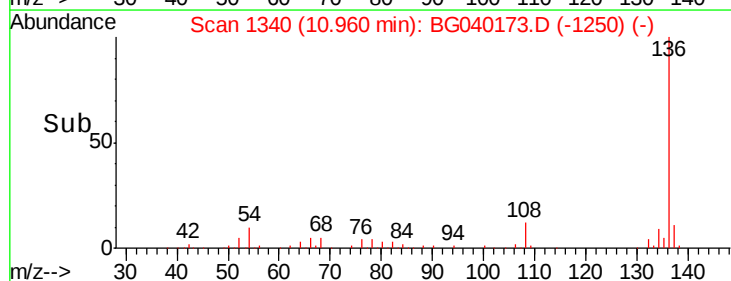
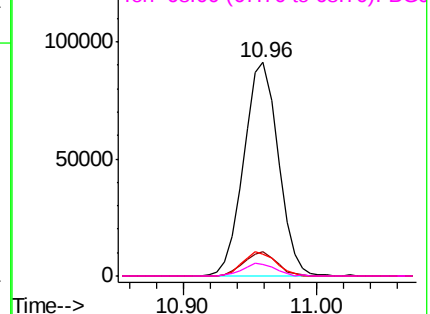
137 11.4 9.0 13.6

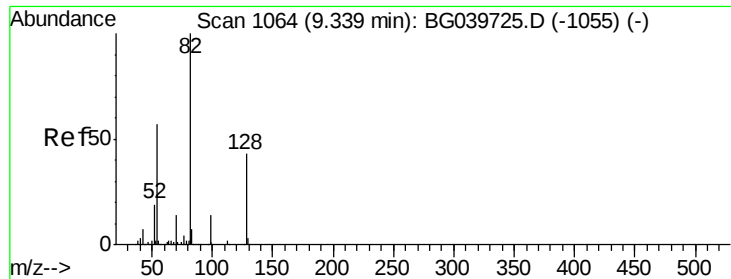
54 10.2 8.5 12.7

68 5.4 4.2 6.2



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

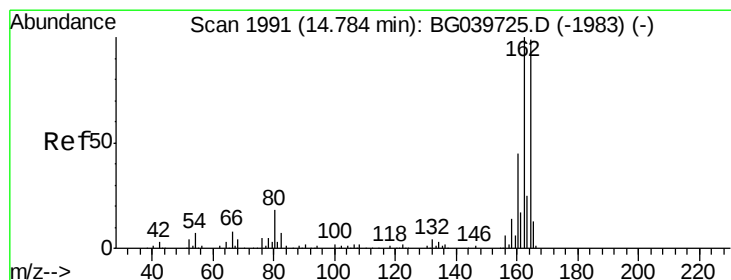
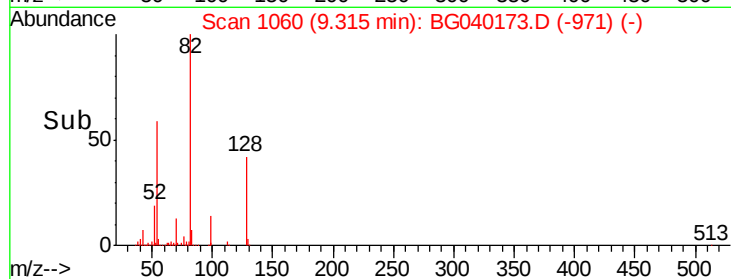
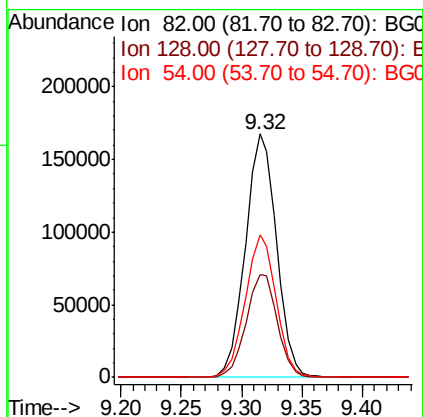
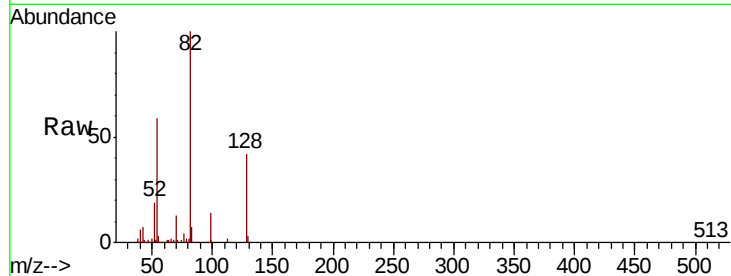




#23
Nitrobenzene-d5
Concen: 99.446 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG040173.D
Acq: 27 Mar 2019 8:21

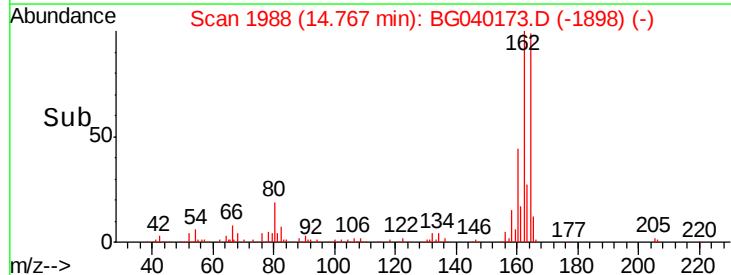
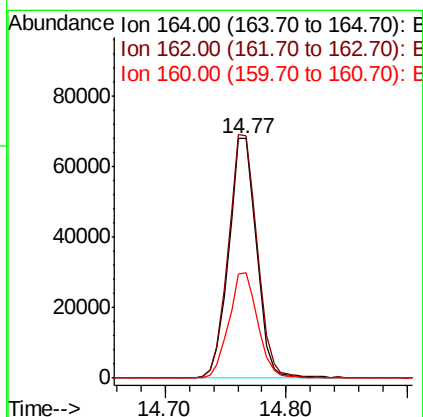
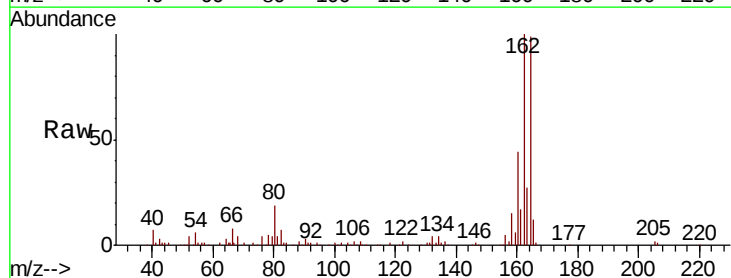
Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

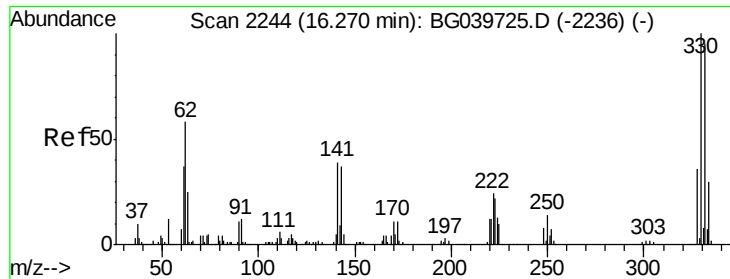
Tot Ion: 82 Resp: 300384
Ion Ratio Lower Upper
82 100
128 42.3 34.3 51.5
54 58.6 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG040173.D
Acq: 27 Mar 2019 8:21

Tgt Ion:164 Resp: 109086
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 44.2 34.5 51.7

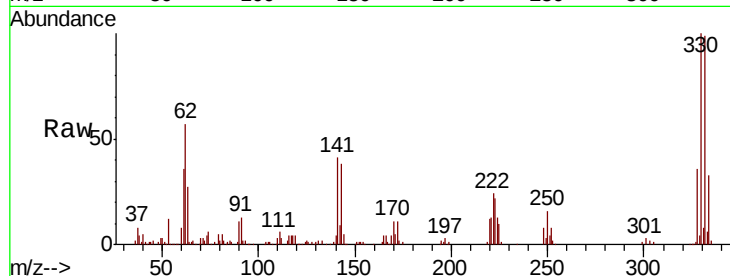




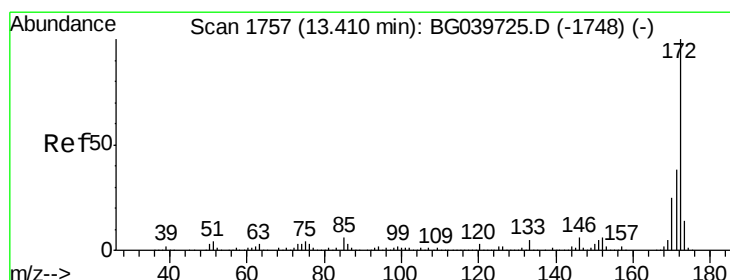
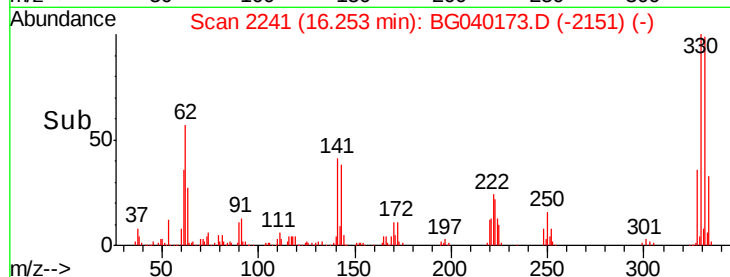
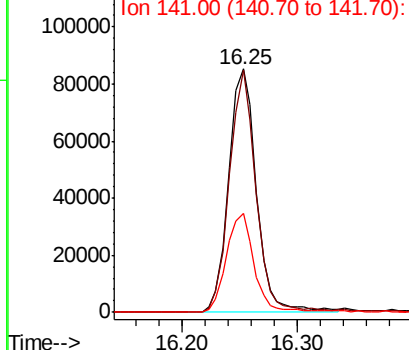
#42
 2,4,6-Tribromophenol
 Concen: 112.089 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG040173.D
 Acq: 27 Mar 2019 8:21

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Tot Ion:330 Resp: 142519
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.8 113.8
 141 40.6 31.8 47.6

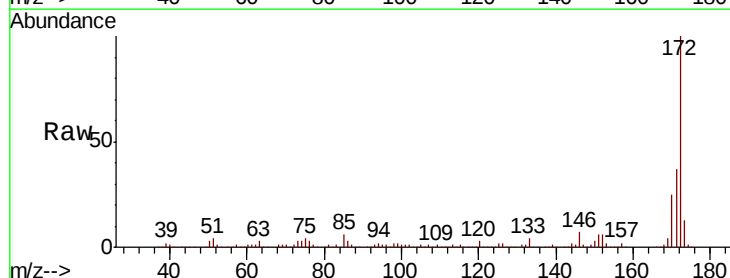


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

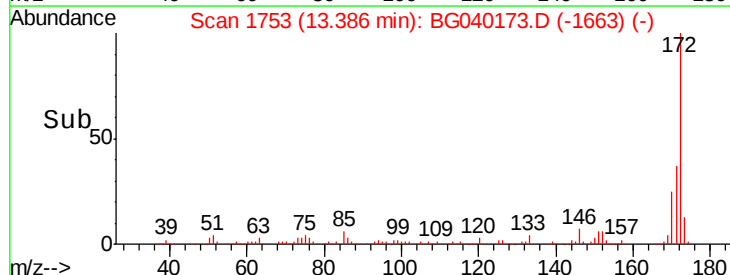
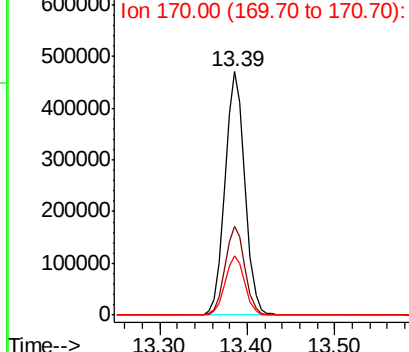


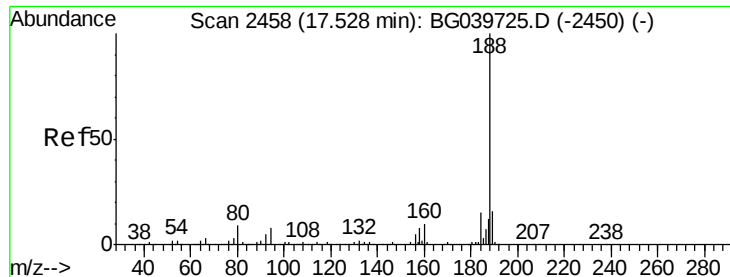
#45
 2-Fluorobiphenyl
 Concen: 95.742 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG040173.D
 Acq: 27 Mar 2019 8:21

Tgt Ion:172 Resp: 733525
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.0 45.0
 170 24.6 20.6 31.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BG040173.D

Acq: 27 Mar 2019 8:21

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

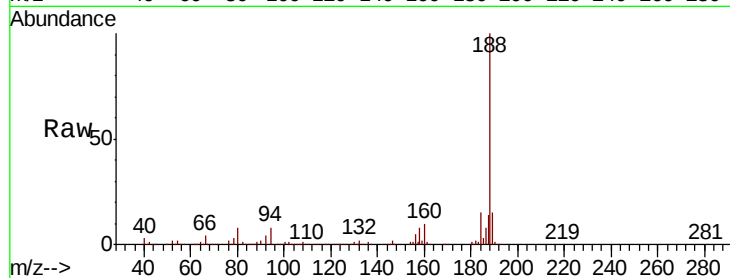
Tot Ion:188 Resp: 256730

Ion Ratio Lower Upper

188 100

94 7.9 6.1 9.1

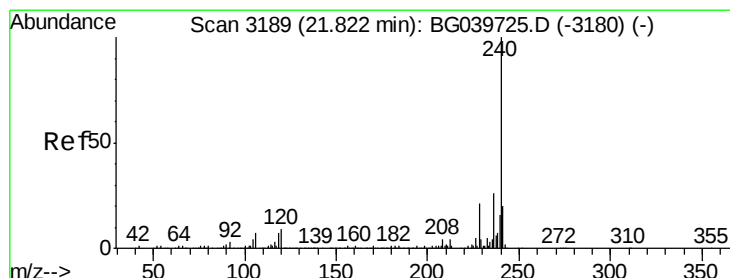
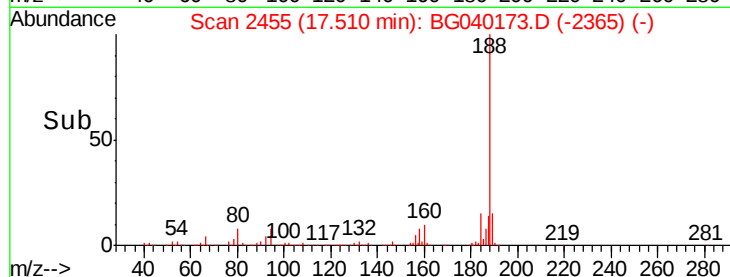
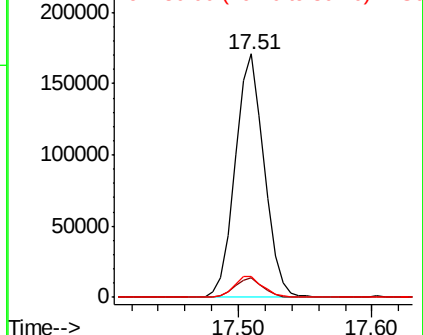
80 8.3 7.0 10.4



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: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG040173.D

Acq: 27 Mar 2019 8:21

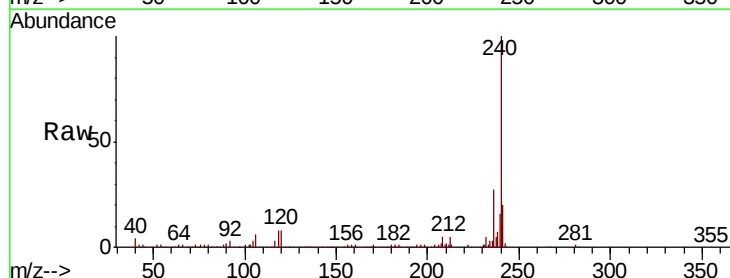
Tgt Ion:240 Resp: 264418

Ion Ratio Lower Upper

240 100

120 8.0 7.1 10.7

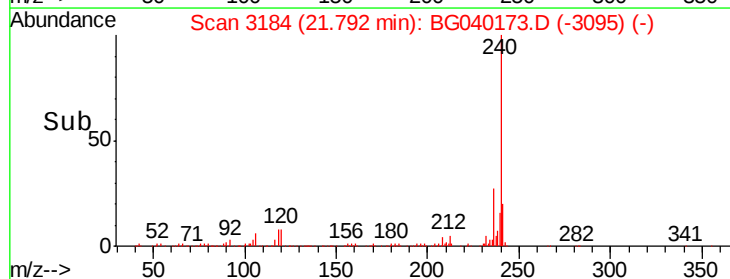
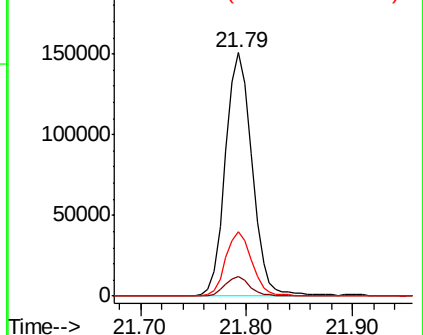
236 26.6 21.6 32.4



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: 93.308 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG040173.D

Acq: 27 Mar 2019 8:21

Instrument :

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ClientSampleId :

DRUM-COMP

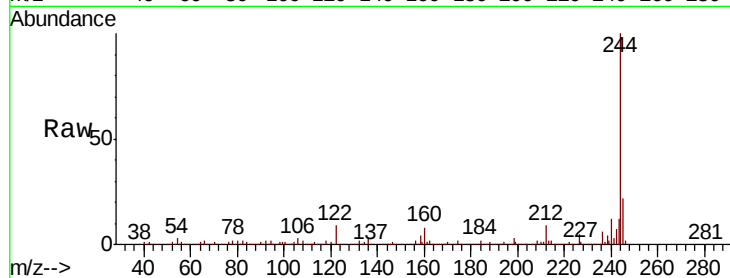
Tot Ion:244 Resp: 1120553

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

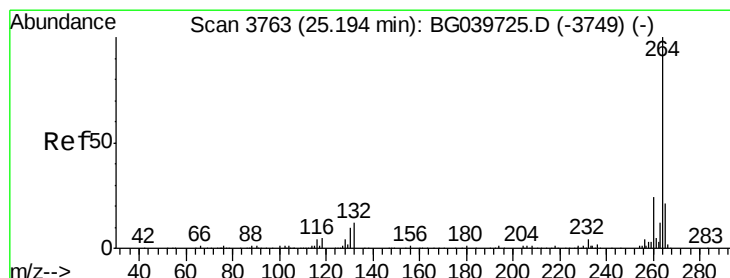
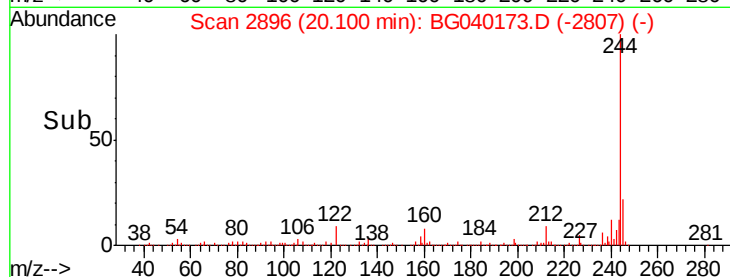
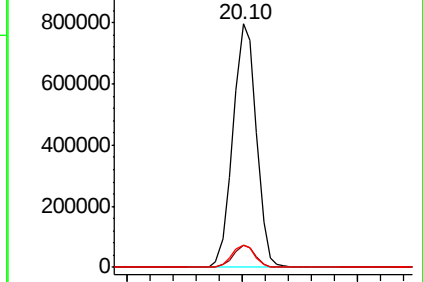
122 9.1 7.0 10.6



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: 25.15 min Scan# 3755

Delta R.T. -0.01 min

Lab File: BG040173.D

Acq: 27 Mar 2019 8:21

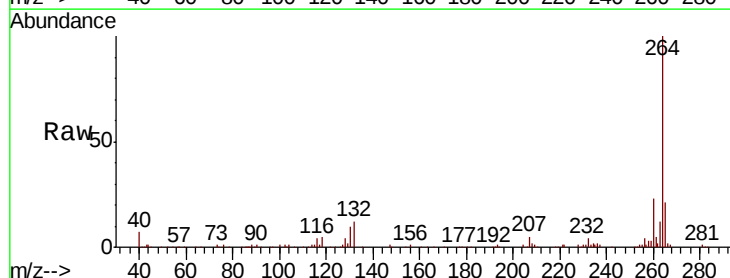
Tgt Ion:264 Resp: 254891

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 20.9 17.2 25.8



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

