

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
 Data File : BG039788.D
 Acq On : 6 Mar 2019 15:28
 Operator : JU/SJ
 Sample : K1704-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW068-022719

Quant Time: Mar 07 00:36:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

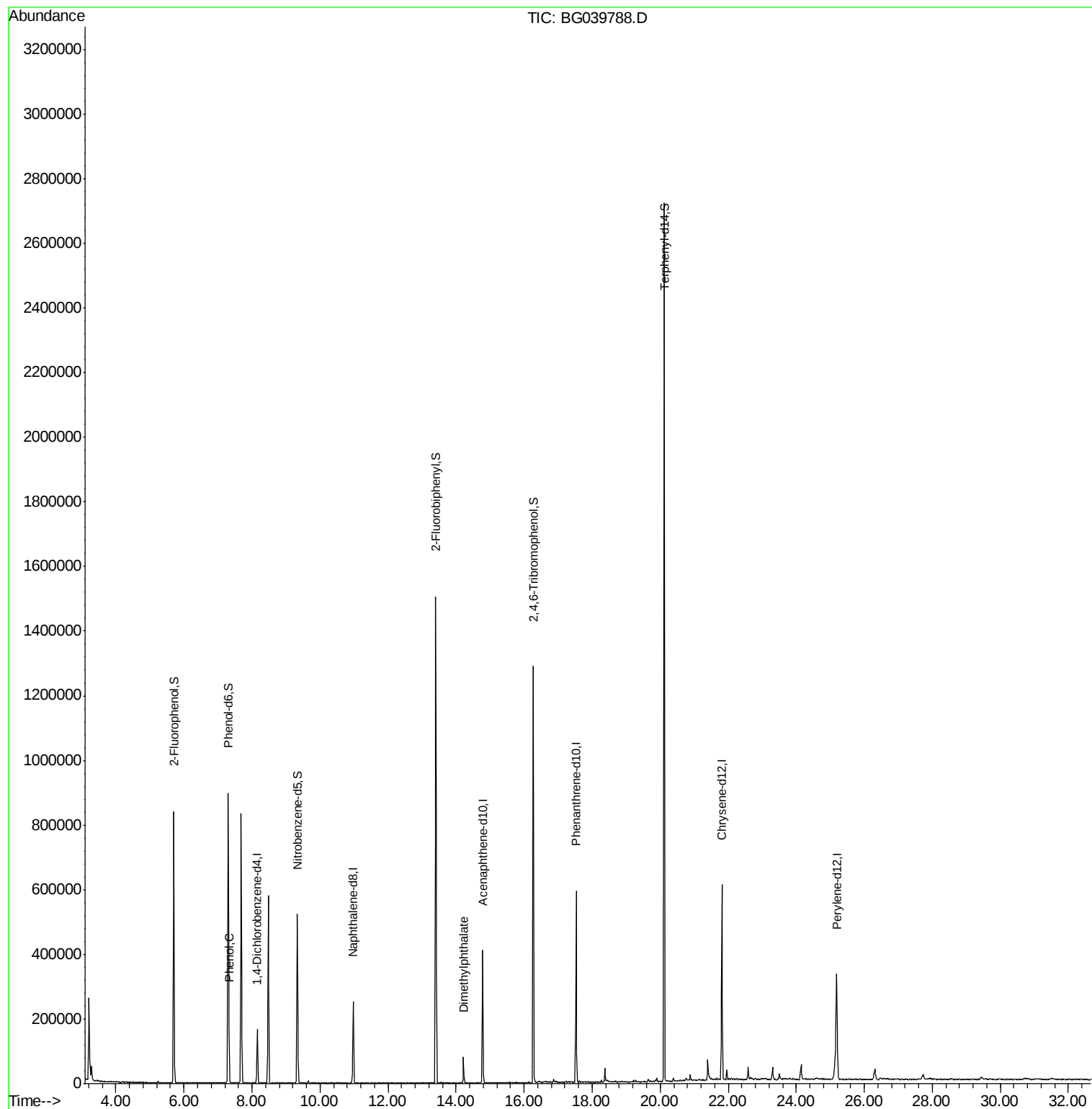
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45816	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	210164	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	145257	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	363187	20.00	ng	0.00
76) Chrysene-d12	21.81	240	368592	20.00	ng	-0.02
87) Perylene-d12	25.18	264	369356	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	353307	131.56	ng	0.00
7) Phenol-d6	7.30	99	529196	132.16	ng	-0.01
23) Nitrobenzene-d5	9.33	82	308070	79.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	222385	131.35	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	782765	76.73	ng	-0.01
79) Terphenyl-d14	20.12	244	1238454	73.98	ng	0.00
Target Compounds						
10) Phenol	7.33	94	15388	3.547	ng	90
50) Dimethylphthalate	14.23	163	53791	4.429	ng	97

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

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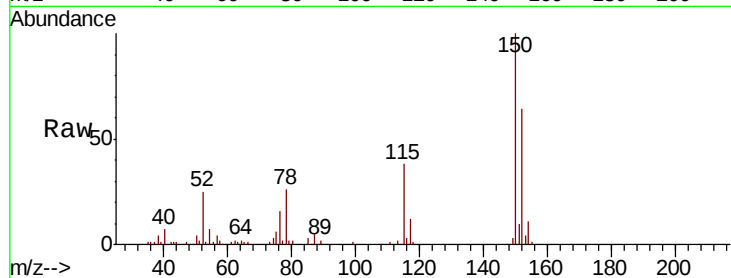


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

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ClientSampleId :
PST-028-SW068-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.7	185.5
115	58.7	45.9	68.9

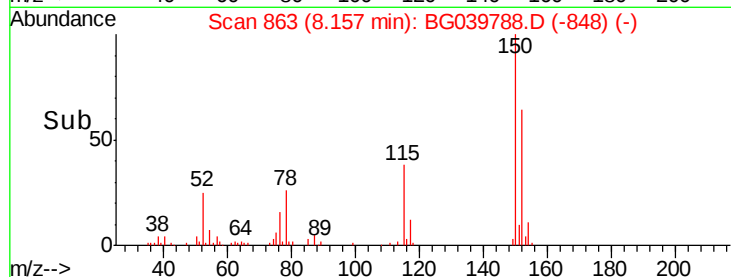
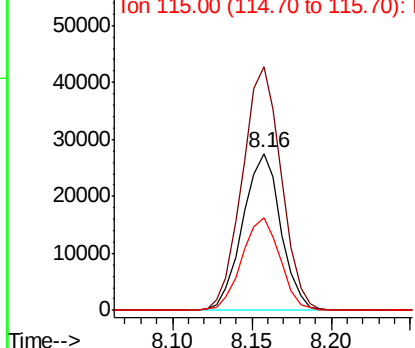


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

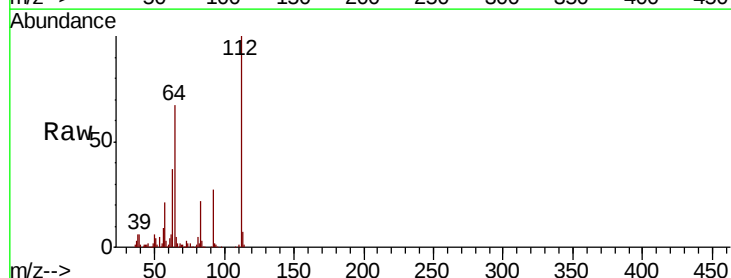
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.558 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	57.8	86.8
63	37.1	29.8	44.6

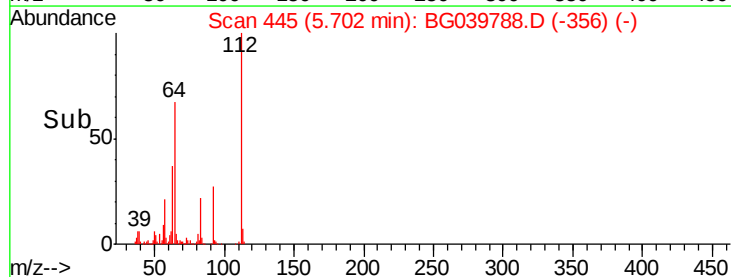
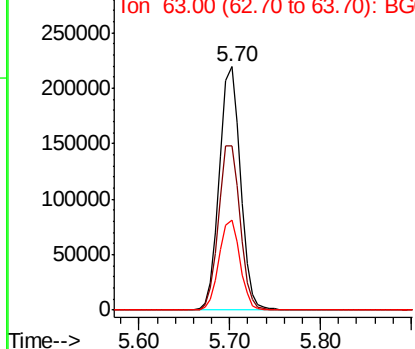


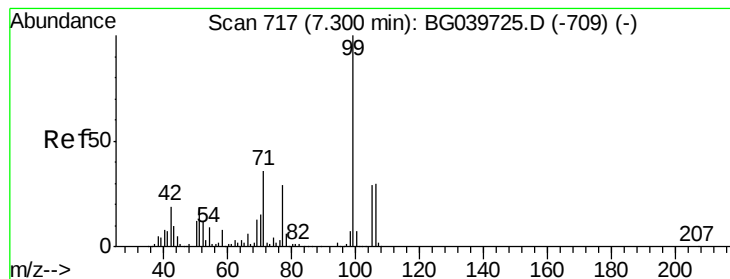
Abundance

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: 132.156 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039788.D

Acq: 6 Mar 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PST-028-SW068-022719

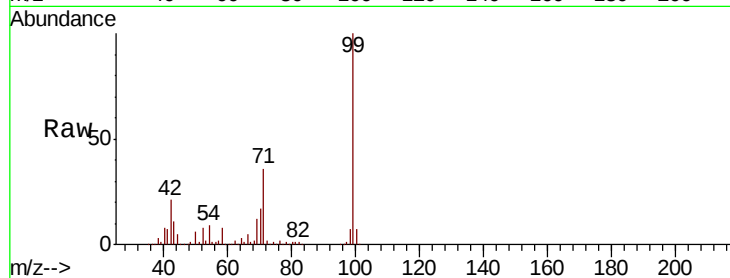
Tot Ion: 99 Resp: 529196

Ion Ratio Lower Upper

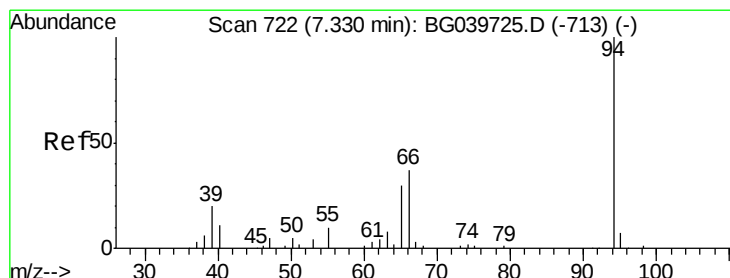
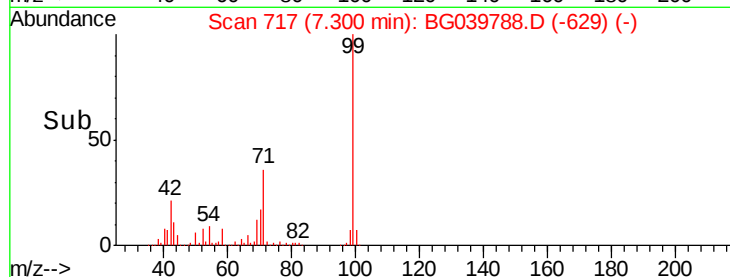
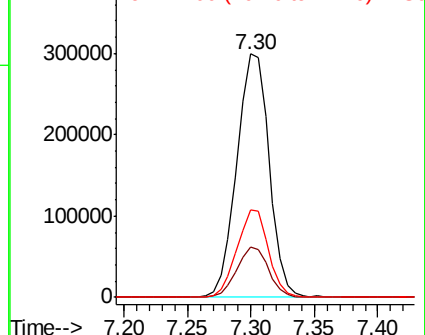
99 100

42 20.6 18.2 27.2

71 35.8 28.0 42.0



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: 3.547 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039788.D

Acq: 6 Mar 2019 15:28

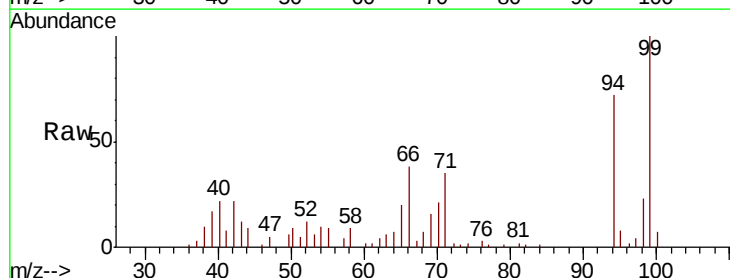
Tgt Ion: 94 Resp: 15388

Ion Ratio Lower Upper

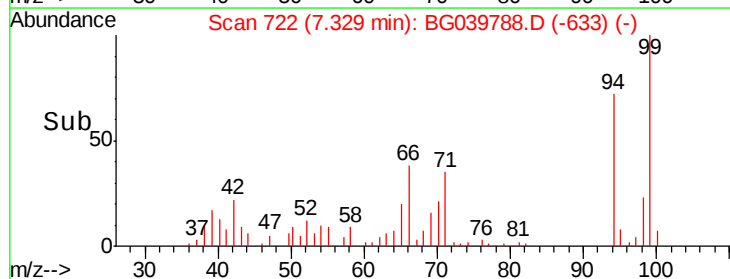
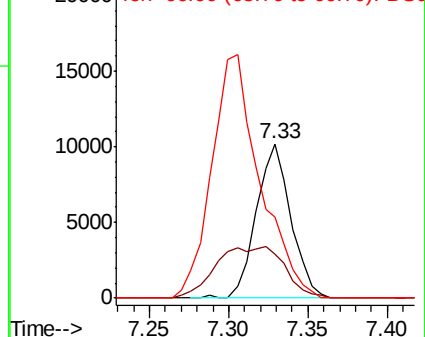
94 100

65 28.1 11.7 51.7

66 52.1 23.7 63.7



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

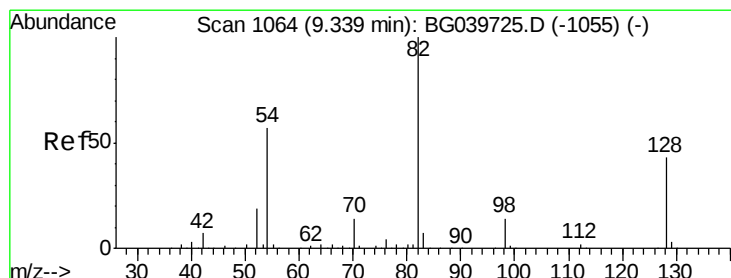
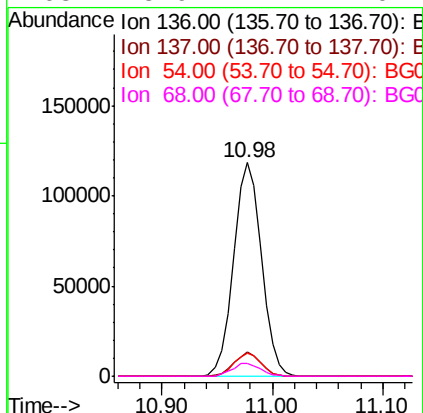
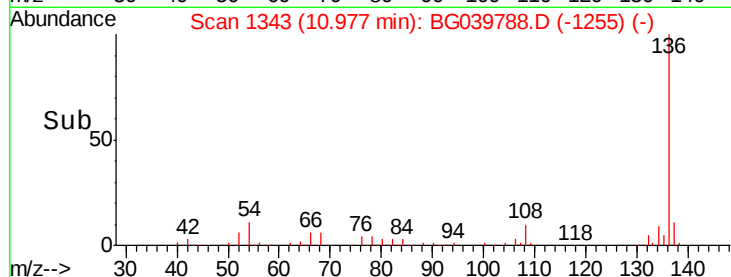
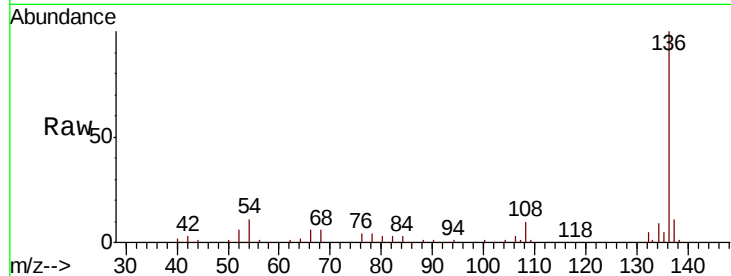




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

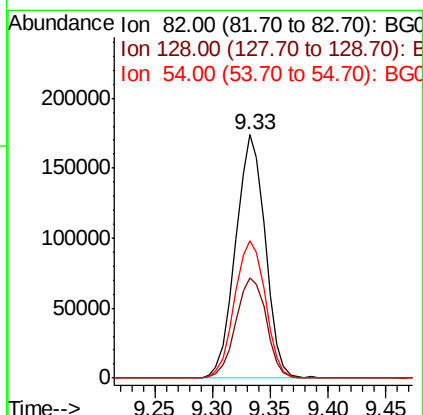
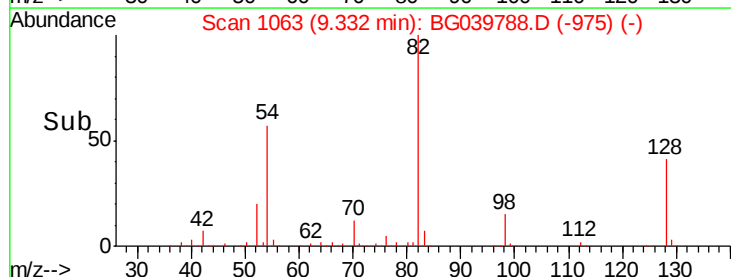
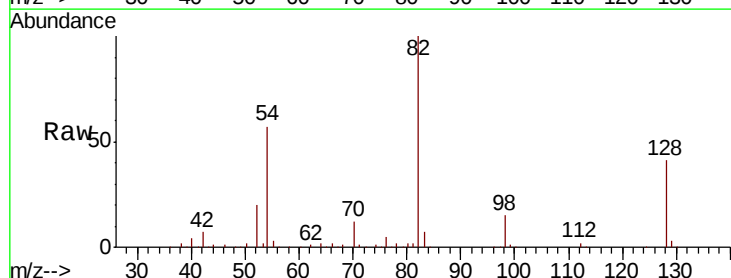
Instrument :
BNA_G
ClientSampleId :
PST-028-SW068-022719

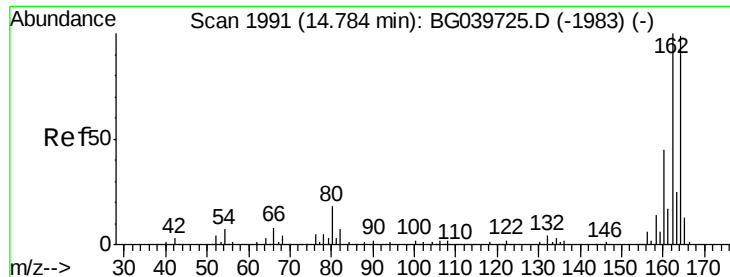
Tot Ion:136	Resp:	210164
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.1 13.7
54	10.6	9.4 14.2
68	5.9	4.2 6.4



#23
Nitrobenzene-d5
Concen: 79.279 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

Tgt Ion: 82	Resp:	308070
Ion	Ratio	Lower Upper
82	100	
128	41.0	31.3 46.9
54	56.6	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039788.D

Acq: 6 Mar 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PST-028-SW068-022719

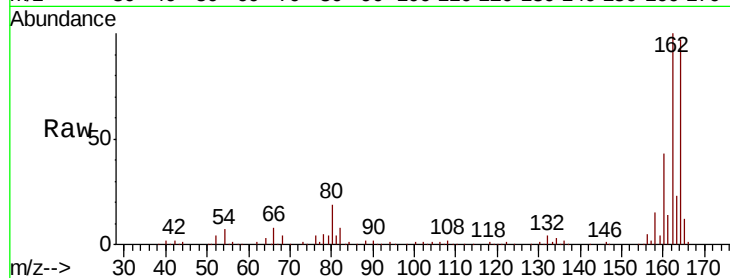
Tot Ion:164 Resp: 145257

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

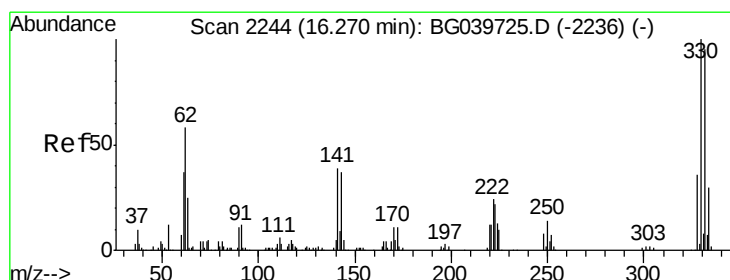
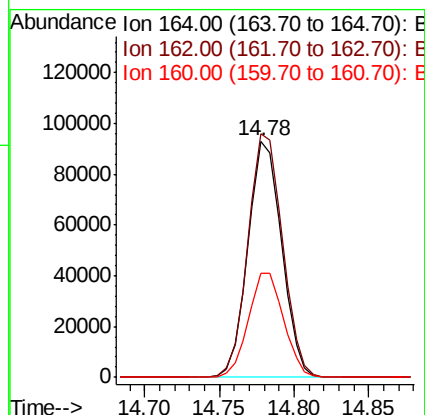
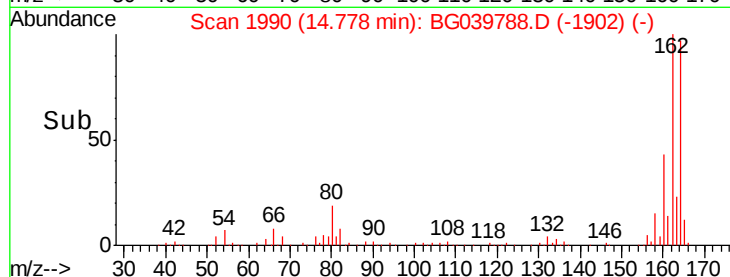
160 43.8 34.2 51.2



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: 131.350 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039788.D

Acq: 6 Mar 2019 15:28

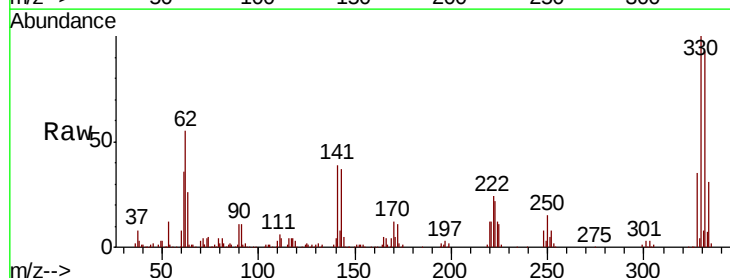
Tgt Ion:330 Resp: 222385

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

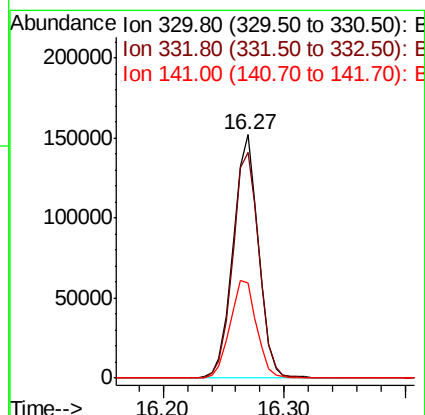
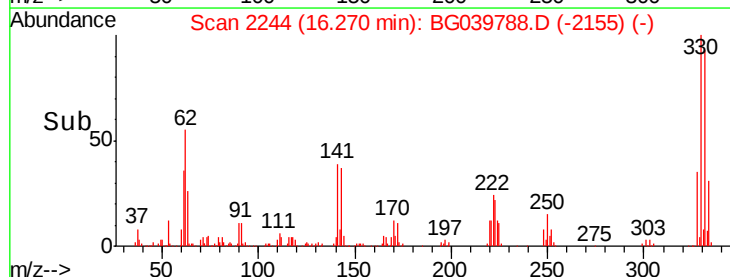
141 41.8 35.6 53.4



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

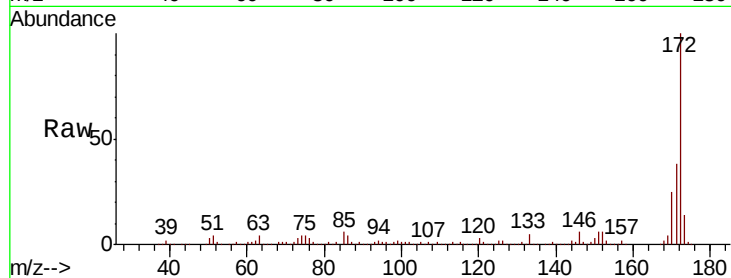




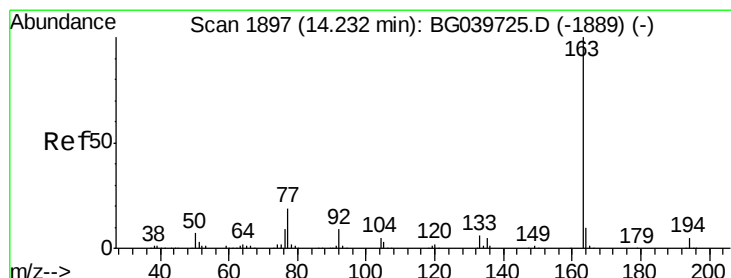
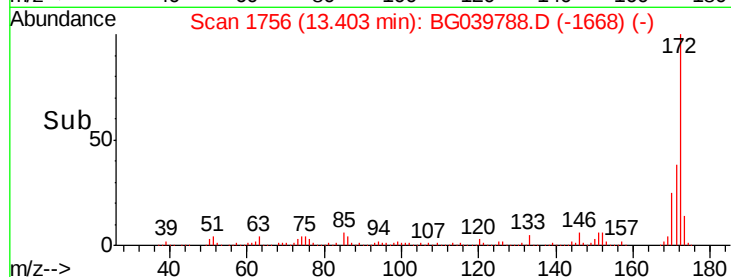
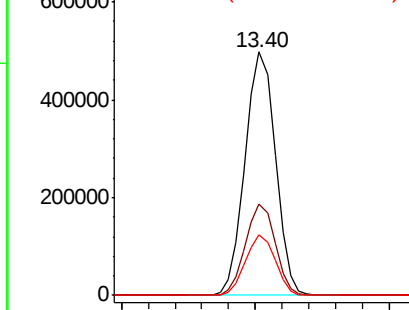
#45
2-Fluorobiphenyl
Concen: 76.728 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PST-028-SW068-022719

Tot Ion:172 Resp: 782765
Ion Ratio Lower Upper
172 100
171 37.6 30.8 46.2
170 25.0 20.2 30.4

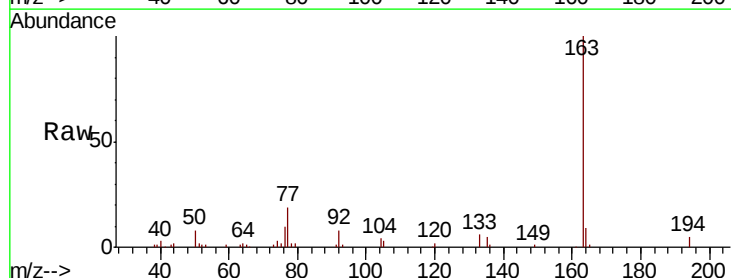


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

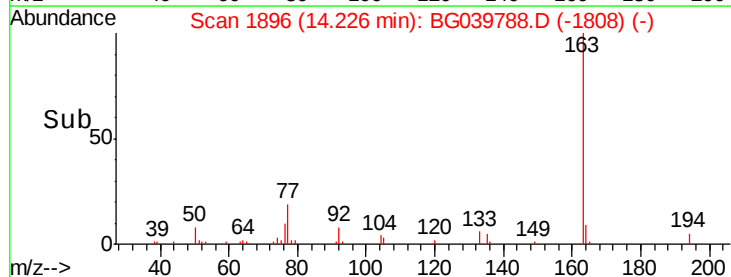
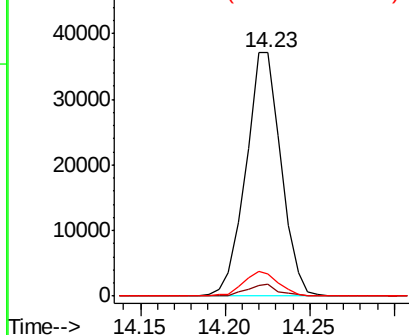


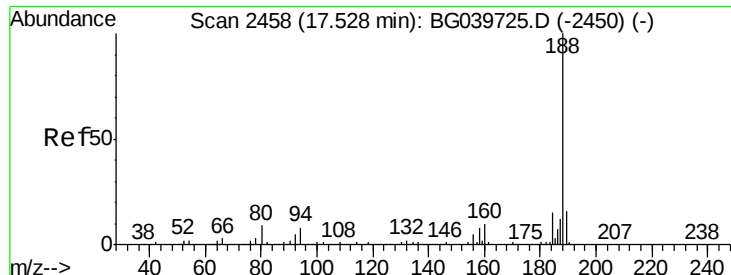
#50
Dimethylphthalate
Concen: 4.429 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

Tgt Ion:163 Resp: 53791
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 9.0 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

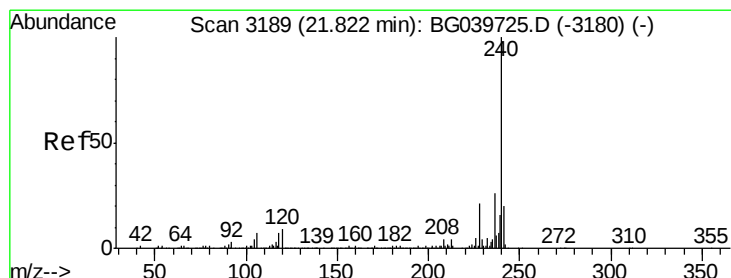
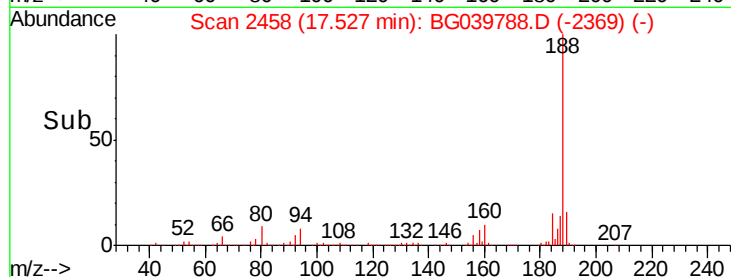
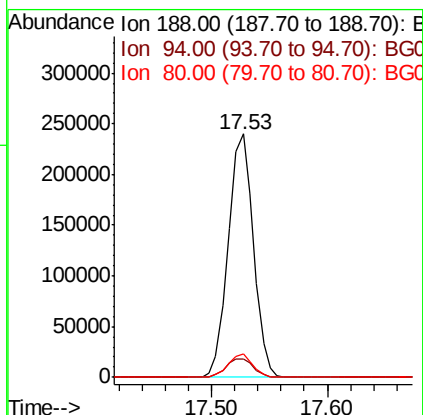
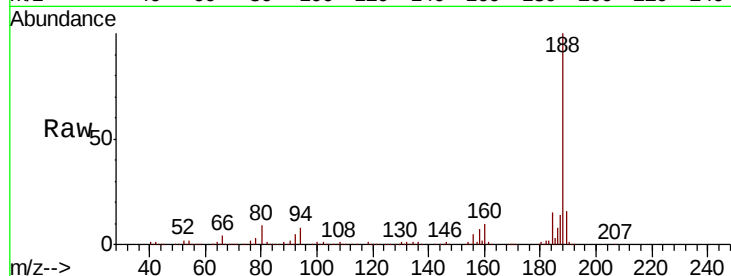




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

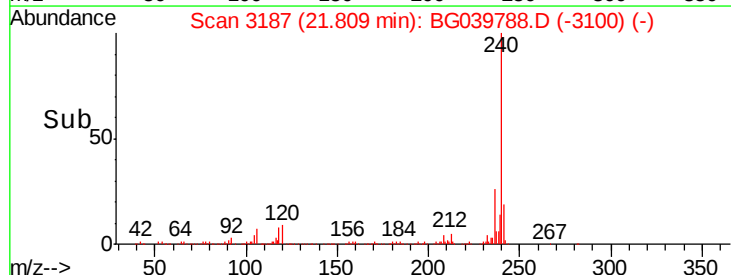
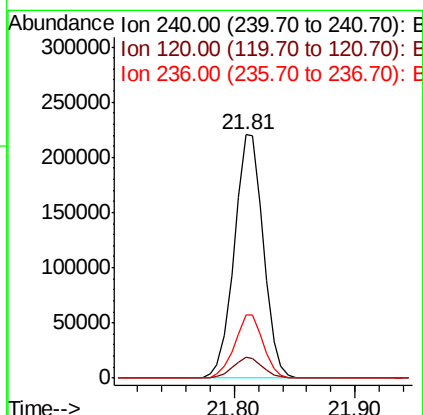
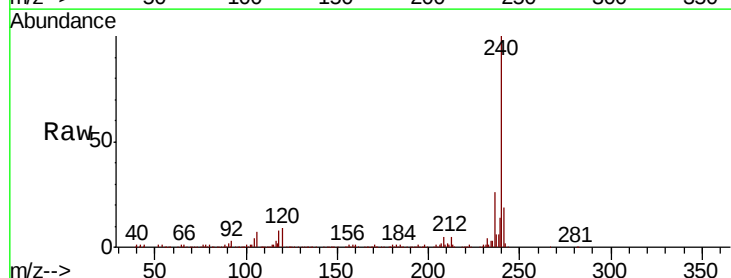
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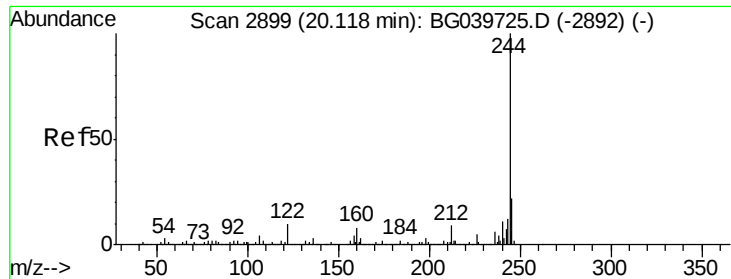
Tot Ion:188 Resp: 363187
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039788.D
Acq: 6 Mar 2019 15:28

Tgt Ion:240 Resp: 368592
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 73.980 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039788.D

Acq: 6 Mar 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PST-028-SW068-022719

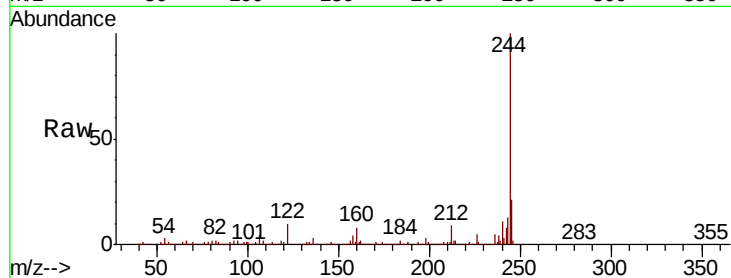
Tot Ion:244 Resp: 1238454

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

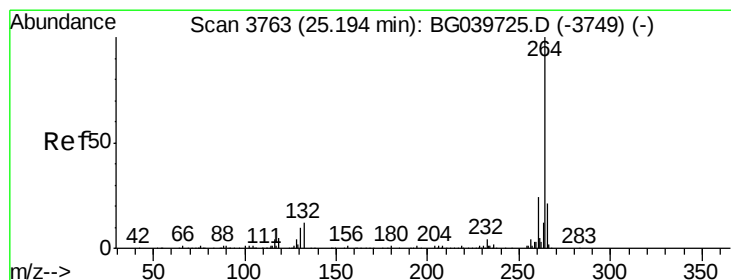
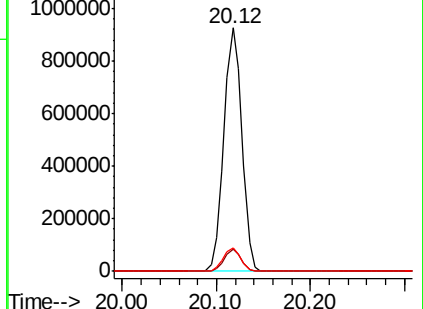
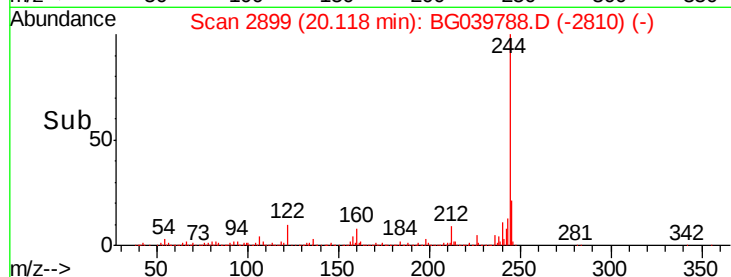
122 9.8 8.4 12.6



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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039788.D

Acq: 6 Mar 2019 15:28

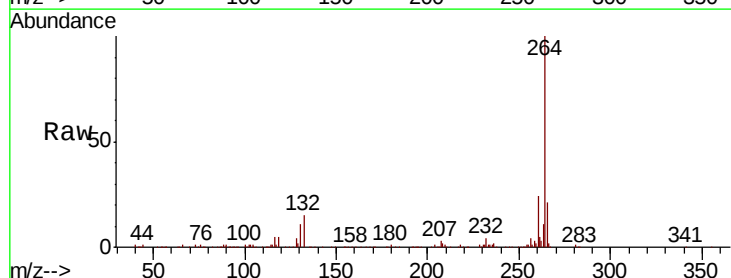
Tgt Ion:264 Resp: 369356

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 20.7 18.5 27.7



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

