

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051119\
 Data File : BG040896.D
 Acq On : 12 May 2019 6:36
 Operator : HP/JU
 Sample : K2763-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-1218-01

Quant Time: May 13 04:39:21 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

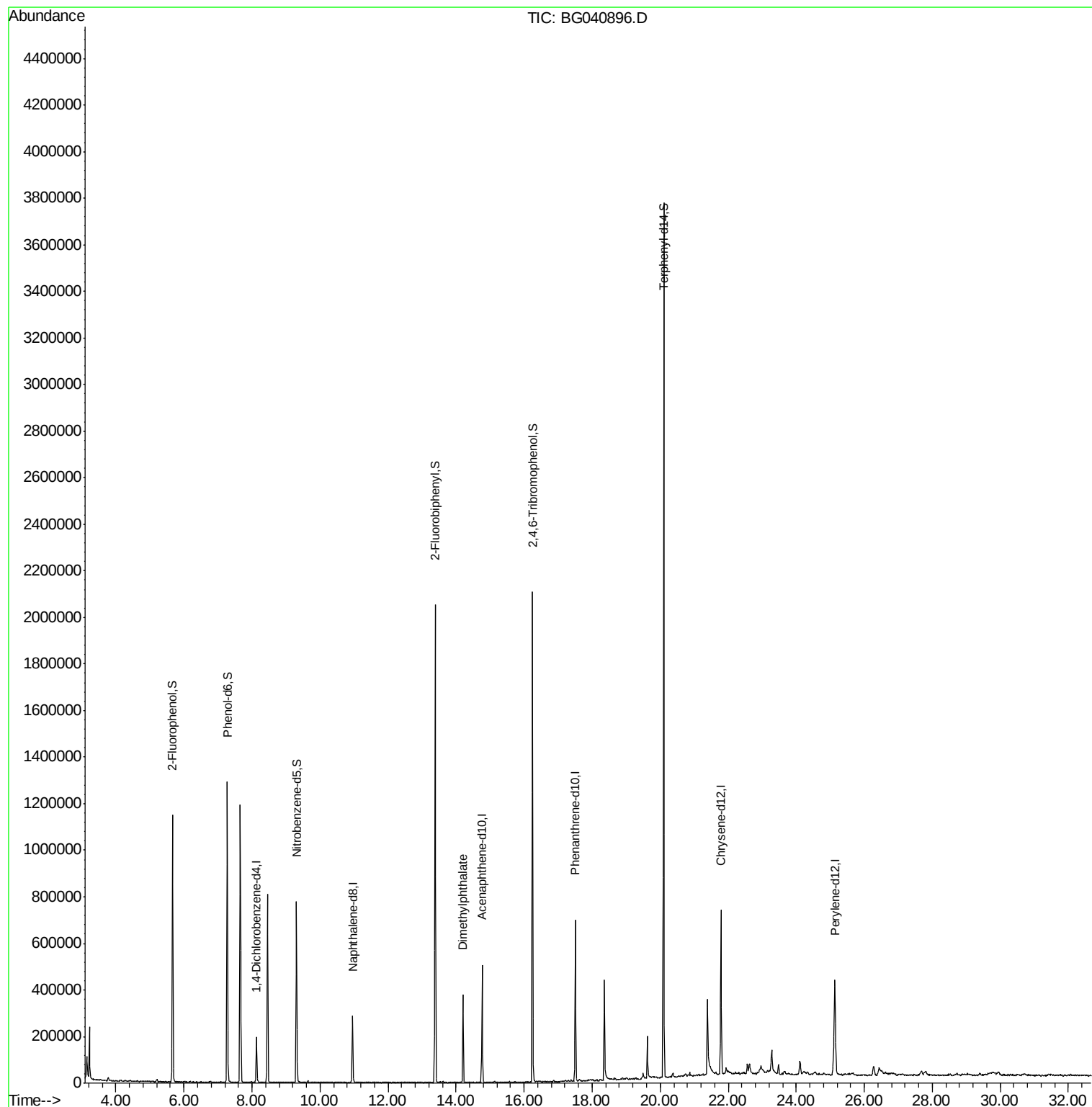
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	53876	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	219933	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	167611	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	427319	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	441425	20.00	ng	-0.04
87) Perylene-d12	25.13	264	479768	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	430864	140.97	ng	-0.02
7) Phenol-d6	7.28	99	667038	141.75	ng	-0.02
23) Nitrobenzene-d5	9.31	82	450981	94.75	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	372528	161.70	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	1020529	87.93	ng	-0.03
79) Terphenyl-d14	20.10	244	1769374	88.80	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.20	163	226181	16.129	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: 8.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: BG040896.D

Acq: 12 May 2019 6:36

Instrument :

BNA_G

ClientSampleId :

P021-SS007-1218-01

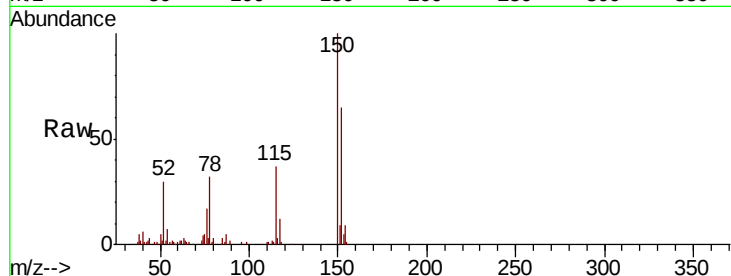
Tot Ion:152 Resp: 53876

Ion Ratio Lower Upper

152 100

150 154.8 120.2 180.2

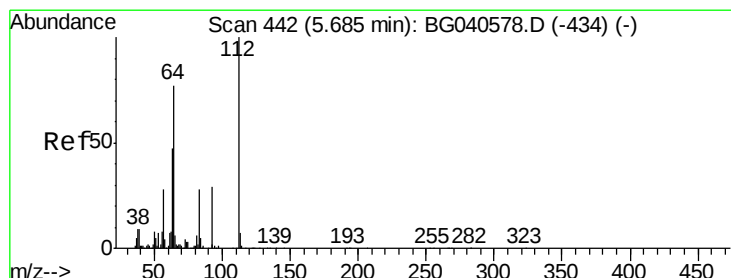
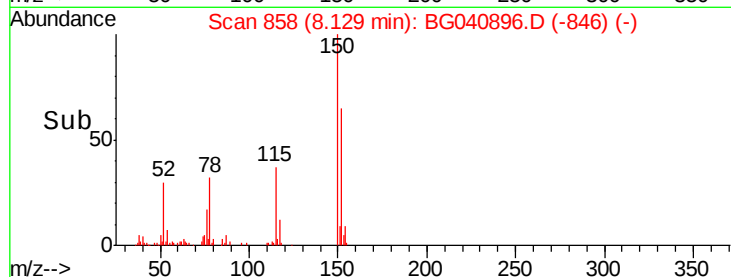
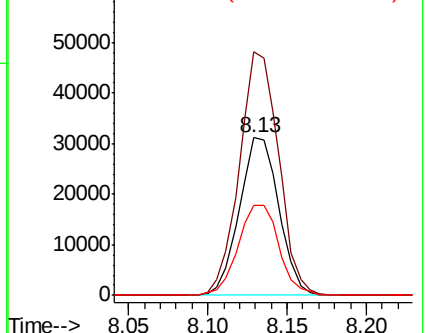
115 57.5 46.2 69.2



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: 140.974 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040896.D

Acq: 12 May 2019 6:36

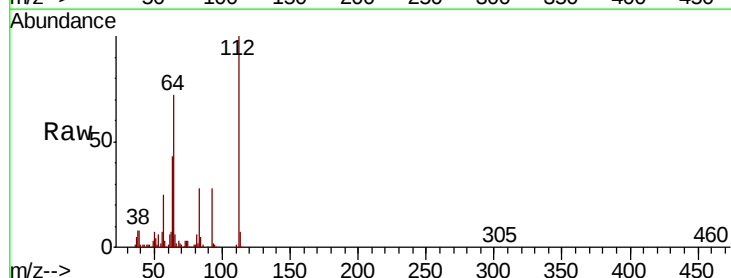
Tgt Ion:112 Resp: 430864

Ion Ratio Lower Upper

112 100

64 71.6 61.4 92.0

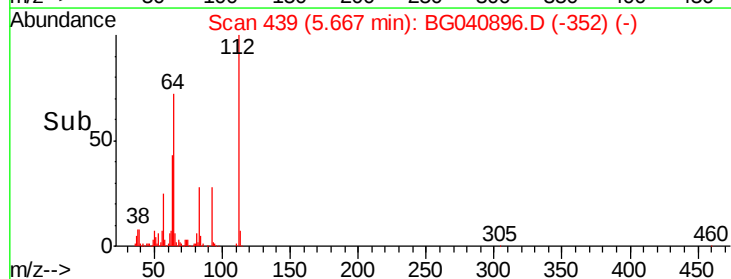
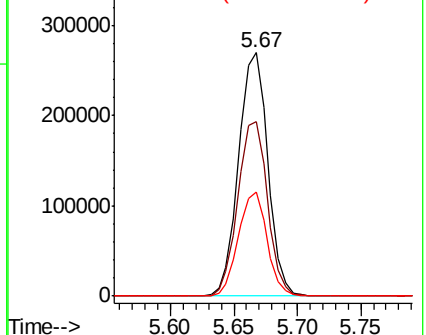
63 42.8 37.8 56.6

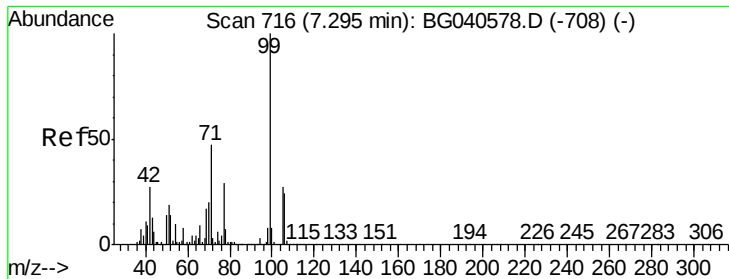


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 141.745 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040896.D

Acq: 12 May 2019 6:36

Instrument :

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P021-SS007-1218-01

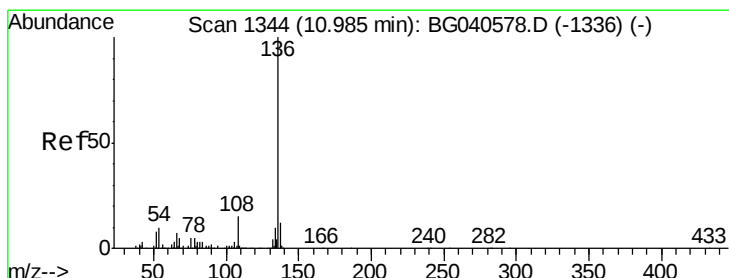
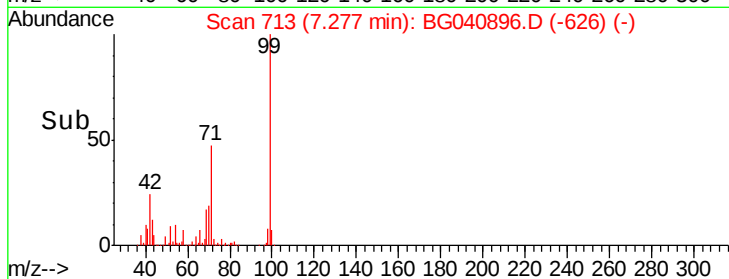
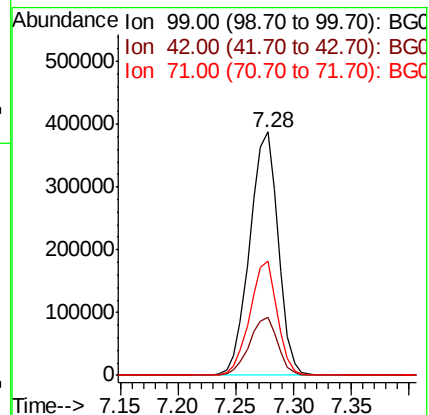
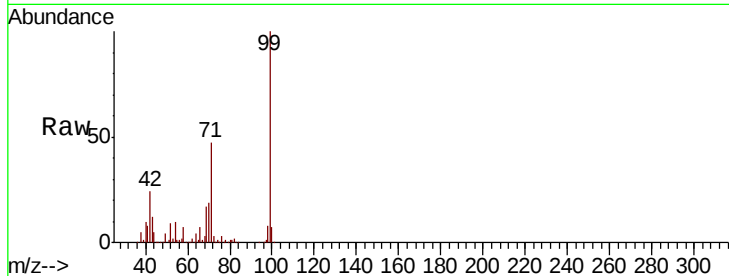
Tot Ion: 99 Resp: 667038

Ion Ratio Lower Upper

99 100

42 23.7 21.8 32.8

71 46.9 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040896.D

Acq: 12 May 2019 6:36

Tgt Ion: 136 Resp: 219933

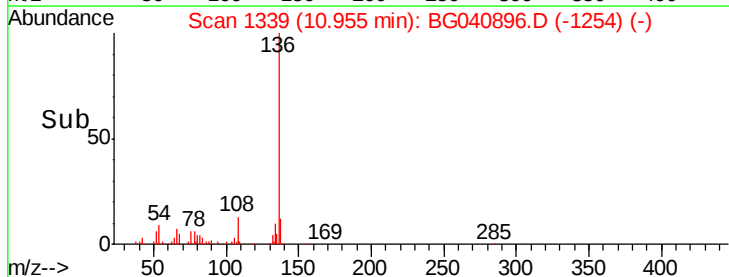
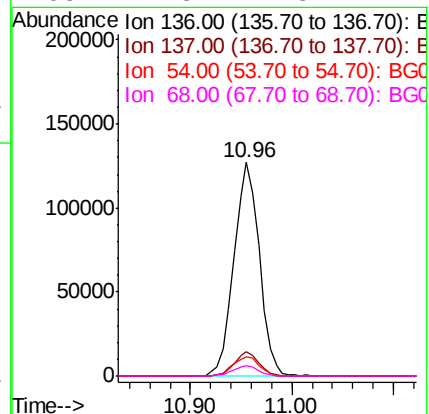
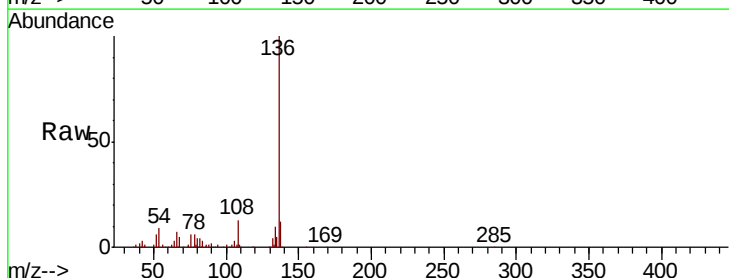
Ion Ratio Lower Upper

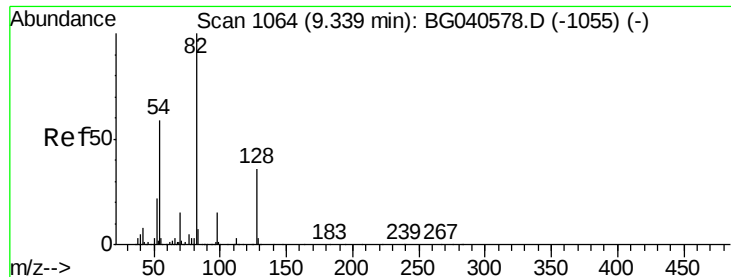
136 100

137 11.7 9.7 14.5

54 8.9 8.6 12.8

68 4.8 4.8 7.2#

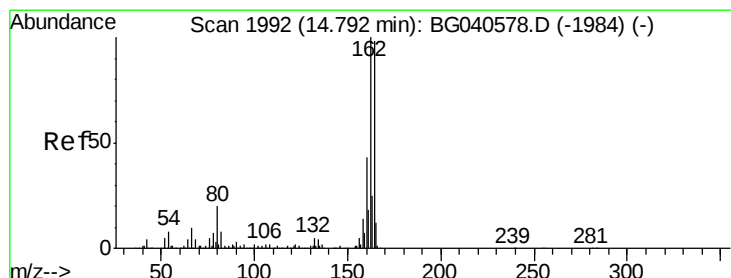
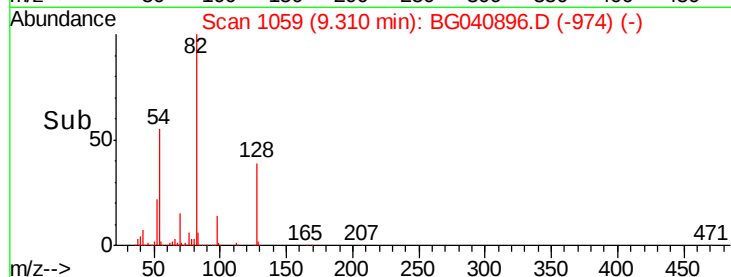
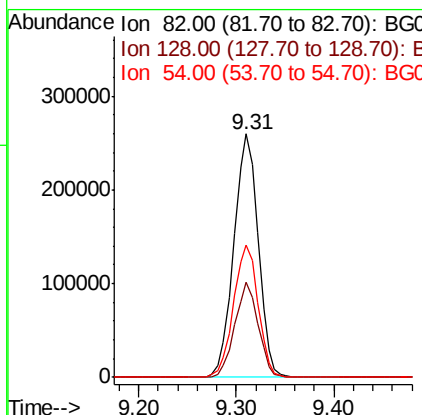
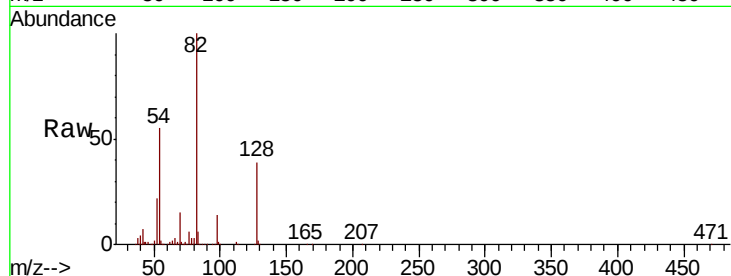




#23
 Nitrobenzene-d5
 Concen: 94.748 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040896.D
 Acq: 12 May 2019 6:36

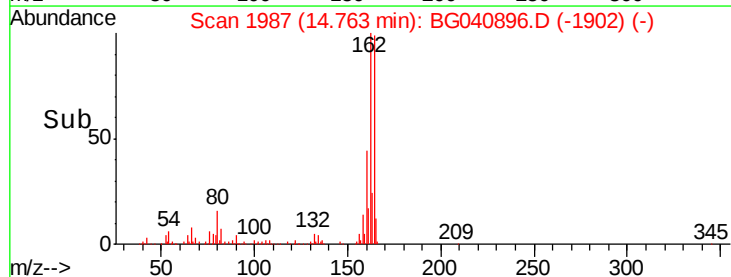
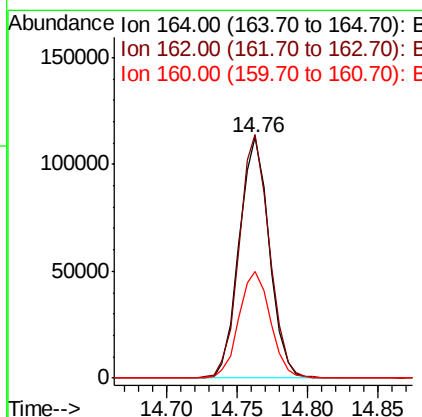
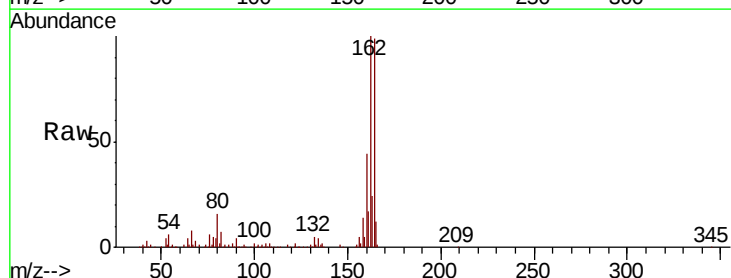
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-1218-01

Tot Ion	82	Resp	450981
Ion Ratio	Lower	Upper	
82	100		
128	39.0	28.9	43.3
54	54.6	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040896.D
 Acq: 12 May 2019 6:36

Tgt Ion	164	Resp	167611
Ion Ratio	Lower	Upper	
164	100		
162	101.2	81.9	122.9
160	44.3	35.4	53.2

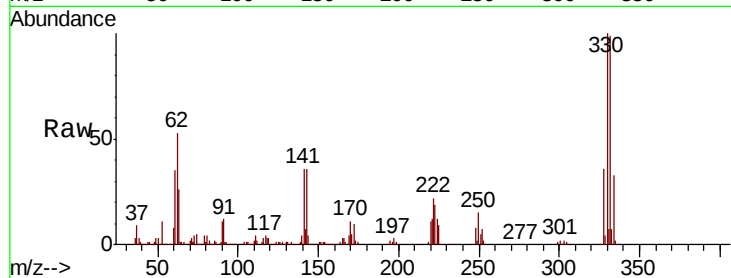




#42
2,4,6-Tribromophenol
Concen: 161.698 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040896.D
Acq: 12 May 2019 6:36

Instrument :
BNA_G
ClientSampleId :
P021-SS007-1218-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	75.9	113.9
141	36.6	32.4	48.6

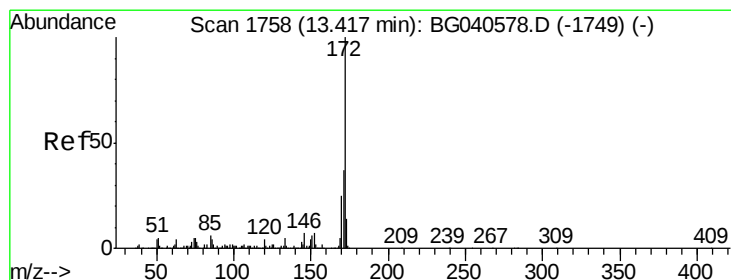
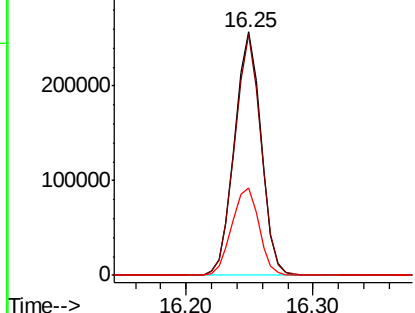
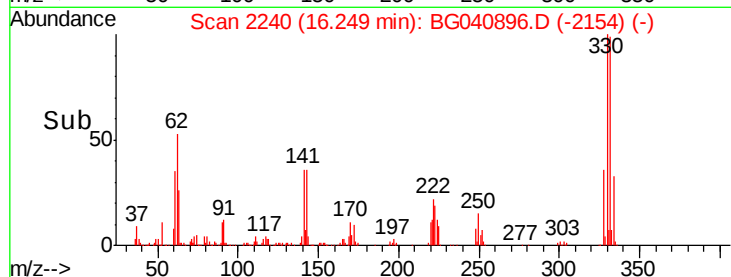


Abundance

Ion 329.80 (329.50 to 330.50): E

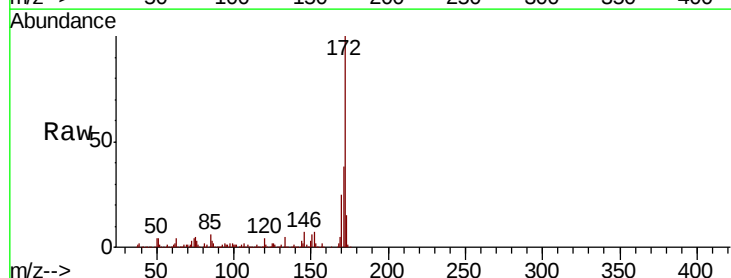
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 87.933 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040896.D
Acq: 12 May 2019 6:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	25.4	19.9	29.9

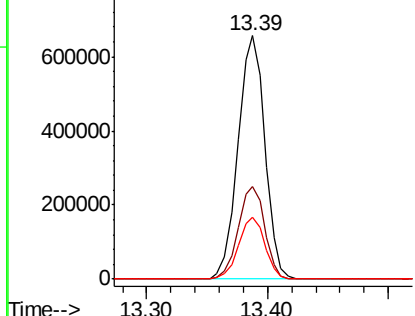
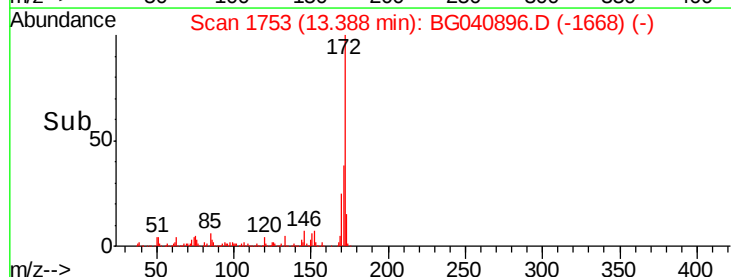


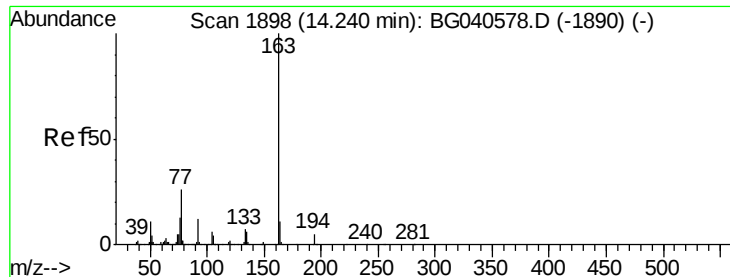
Abundance

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: 16.129 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.04 min

Lab File: BG040896.D

Acq: 12 May 2019 6:36

Instrument :

BNA_G

ClientSampleId :

P021-SS007-1218-01

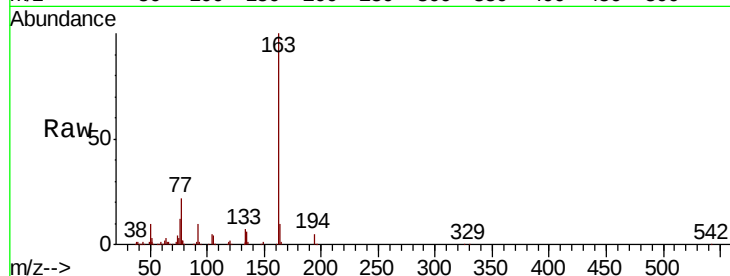
Tot Ion:163 Resp: 226181

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.8

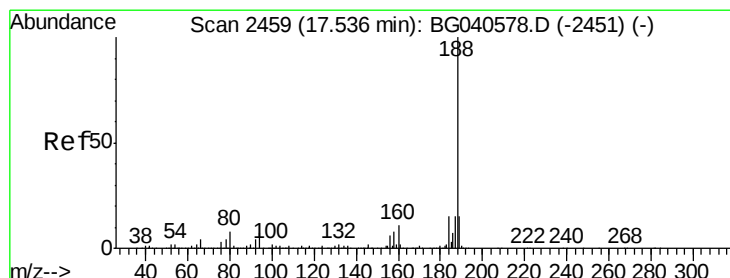
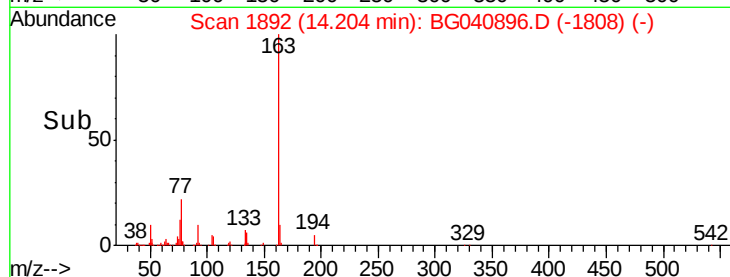
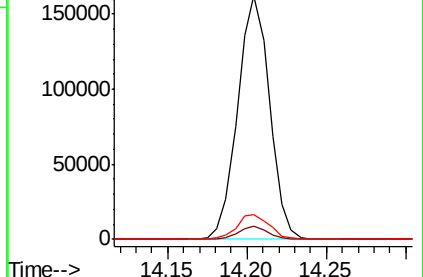
164 10.3 8.8 13.2



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: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040896.D

Acq: 12 May 2019 6:36

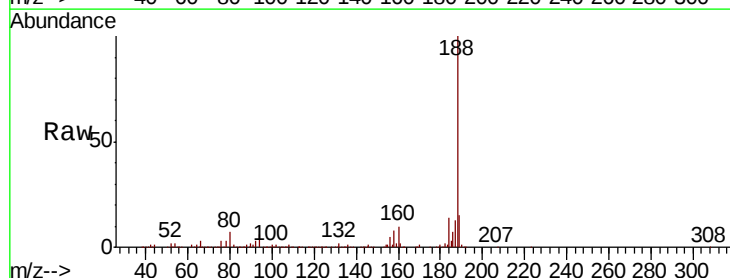
Tgt Ion:188 Resp: 427319

Ion Ratio Lower Upper

188 100

94 6.2 5.6 8.4

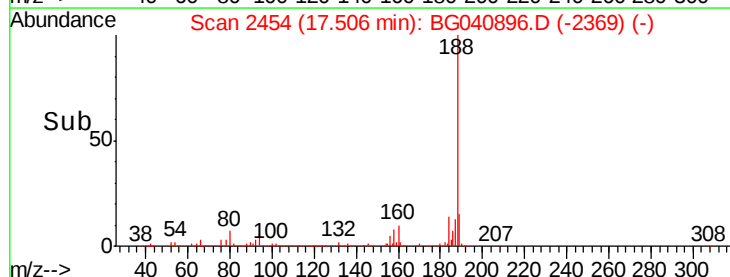
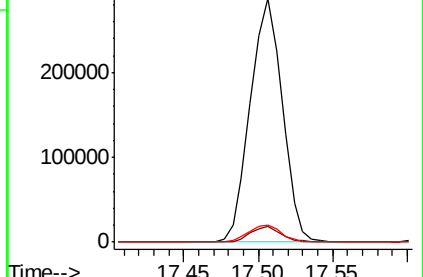
80 7.0 6.4 9.6

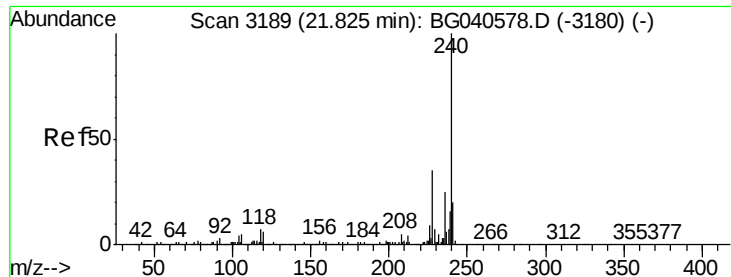


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

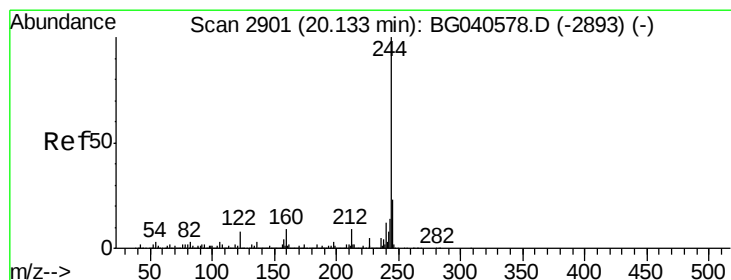
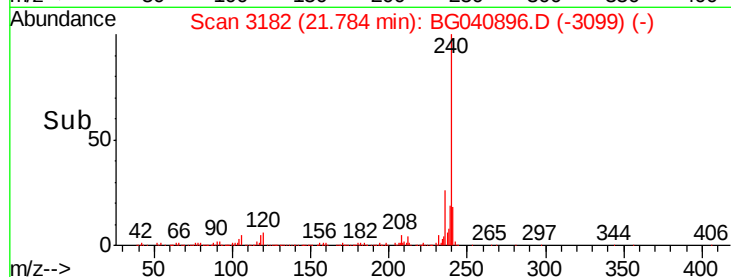
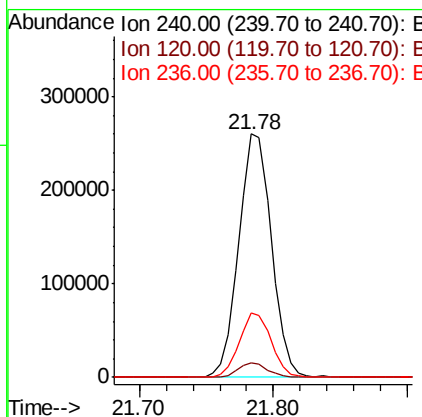
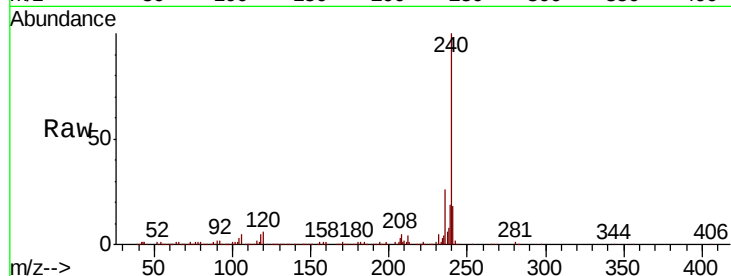




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.04 min
 Lab File: BG040896.D
 Acq: 12 May 2019 6:36

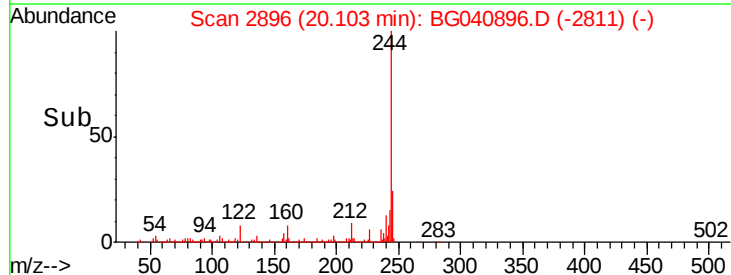
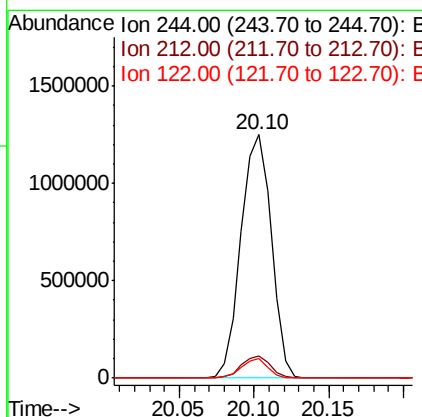
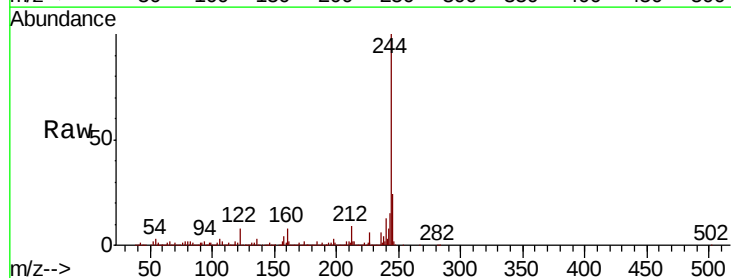
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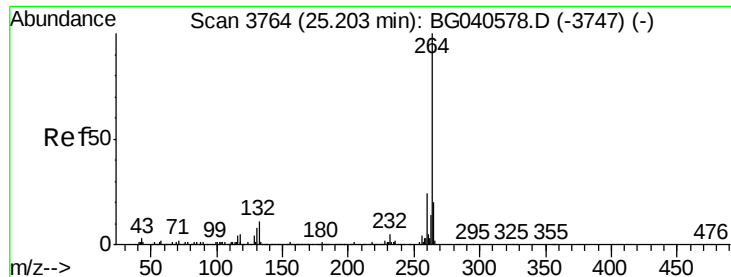
Tot Ion:240 Resp: 441425
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.0 7.6
 236 26.3 20.3 30.5



#79
 Terphenyl-d14
 Concen: 88.801 ng
 RT: 20.10 min Scan# 2896
 Delta R.T. -0.03 min
 Lab File: BG040896.D
 Acq: 12 May 2019 6:36

Tgt Ion:244 Resp: 1769374
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.2 10.8
 122 7.8 6.6 10.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3752
 Delta R.T. -0.07 min
 Lab File: BG040896.D
 Acq: 12 May 2019 6:36

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-1218-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.7	16.6	25.0

