

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043904.D
 Acq On : 4 Jan 2020 1:48
 Operator : JU
 Sample : K6449-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW-5

Quant Time: Jan 04 06:03:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

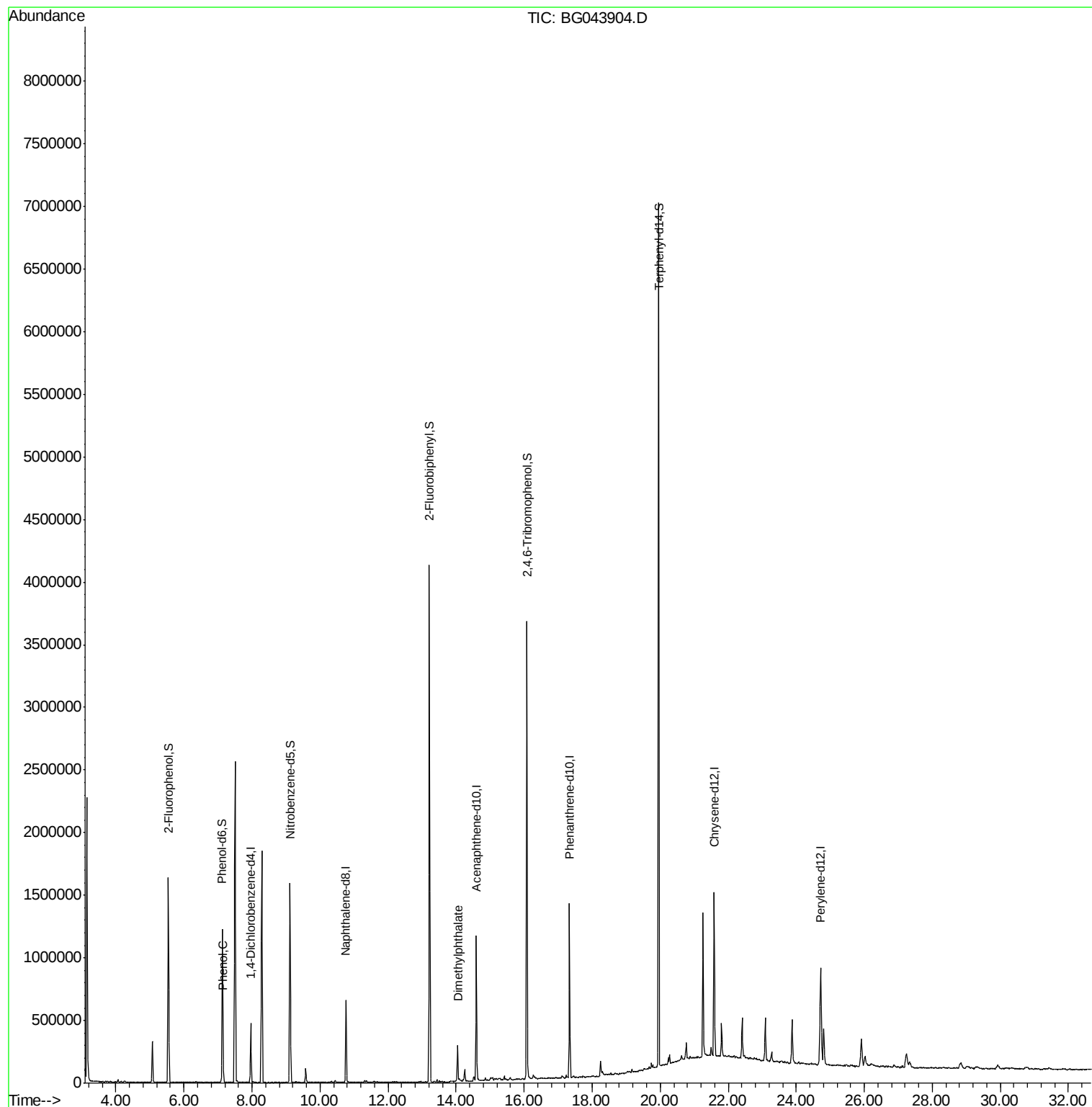
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	134671	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	591184	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	401350	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	854198	20.00	ng	0.00
76) Chrysene-d12	21.58	240	714426	20.00	ng	0.00
87) Perylene-d12	24.72	264	795598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	756131	103.09	ng	0.00
7) Phenol-d6	7.13	99	739144	72.10	ng	0.00
23) Nitrobenzene-d5	9.12	82	994329	89.98	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	652061	155.25	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2074968	93.67	ng	0.00
79) Terphenyl-d14	19.96	244	2750235	95.94	ng	0.00
Target Compounds						
10) Phenol	7.15	94	34350	3.252	ng	92
50) Dimethylphthalate	14.05	163	192291	6.748	ng	99

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

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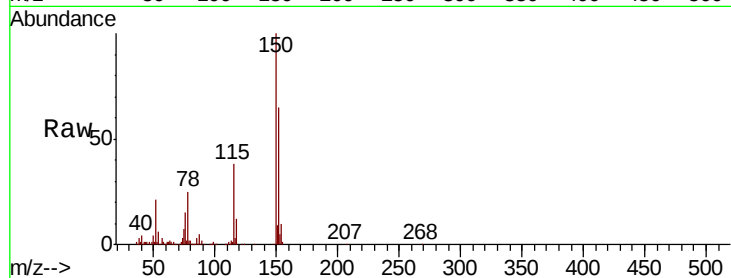


#1

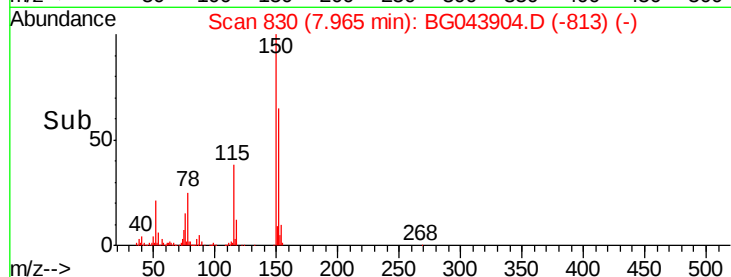
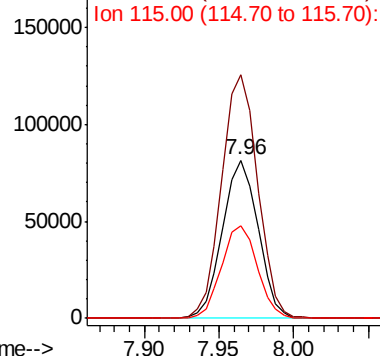
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043904.D
Acq: 4 Jan 2020 1:48

Instrument :
BNA_G
ClientSampleId :
OW-5

Tot Ion:152 Resp: 134671
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.4
115 58.3 47.8 71.8



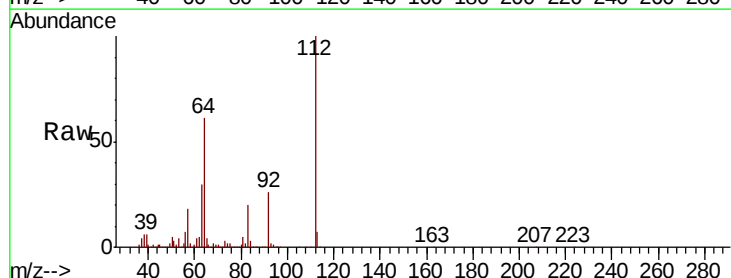
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



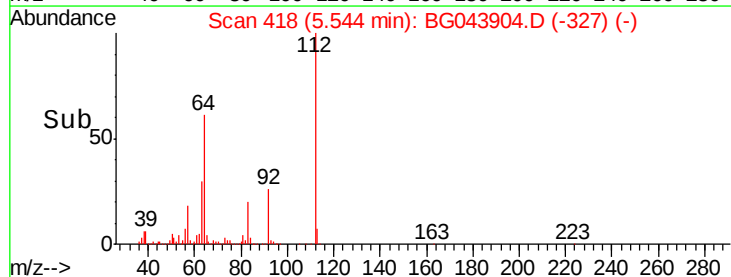
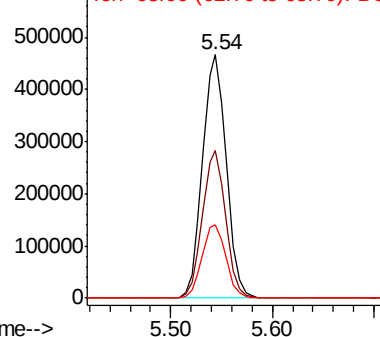
#5

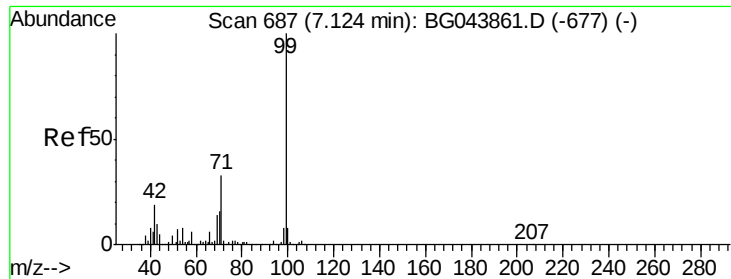
2-Fluorophenol
Concen: 103.092 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG043904.D
Acq: 4 Jan 2020 1:48

Tgt Ion:112 Resp: 756131
Ion Ratio Lower Upper
112 100
64 60.6 47.8 71.6
63 30.2 24.3 36.5



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: 72.095 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043904.D

Acq: 4 Jan 2020 1:48

Instrument :

BNA_G

ClientSampled :

OW-5

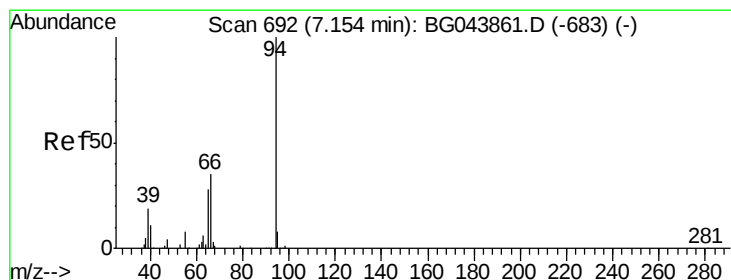
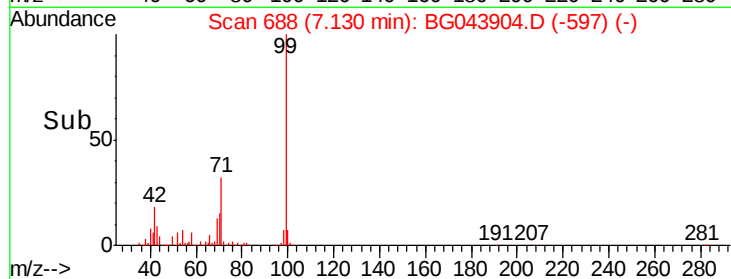
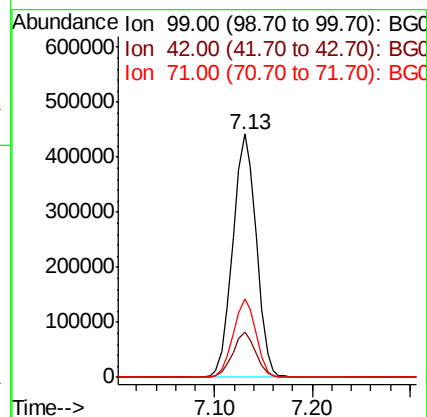
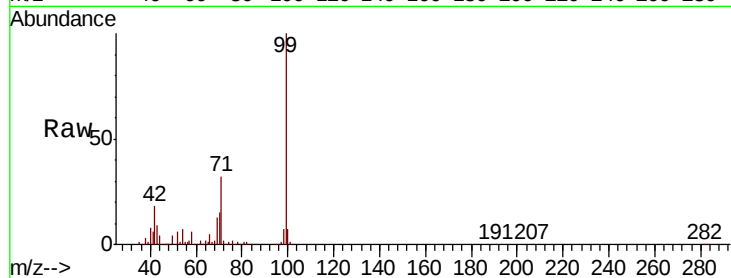
Tot Ion: 99 Resp: 739144

Ion Ratio Lower Upper

99 100

42 18.4 14.9 22.3

71 32.1 26.4 39.6



#10

Phenol

Concen: 3.252 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043904.D

Acq: 4 Jan 2020 1:48

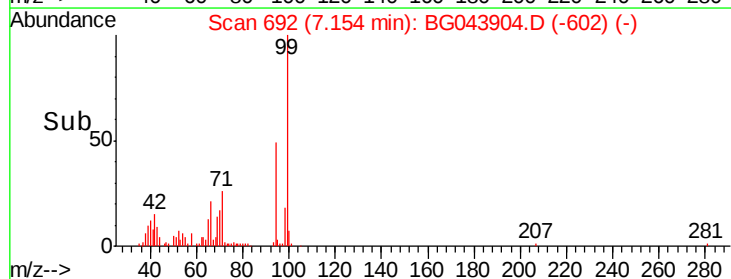
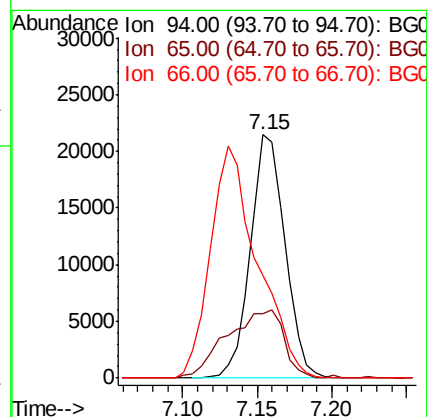
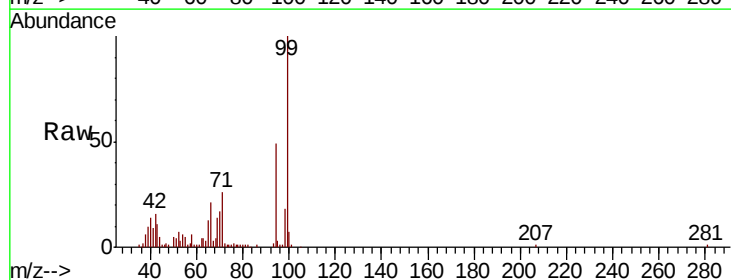
Tgt Ion: 94 Resp: 34350

Ion Ratio Lower Upper

94 100

65 26.4 8.1 48.1

66 42.4 15.6 55.6

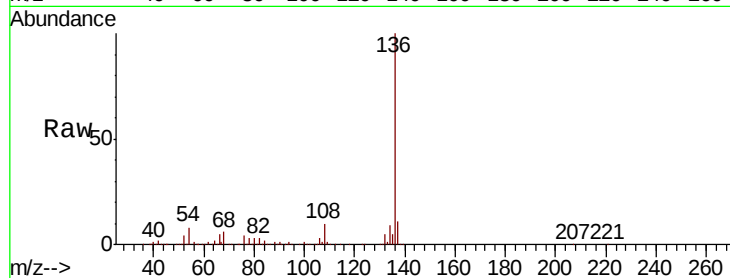




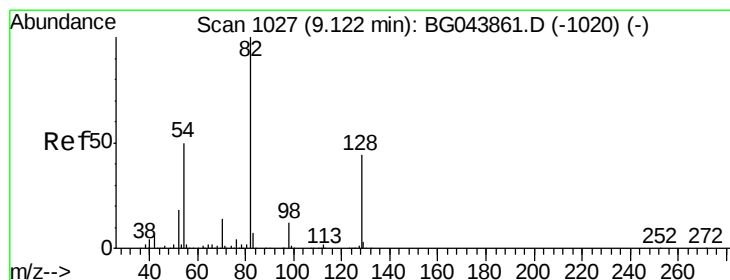
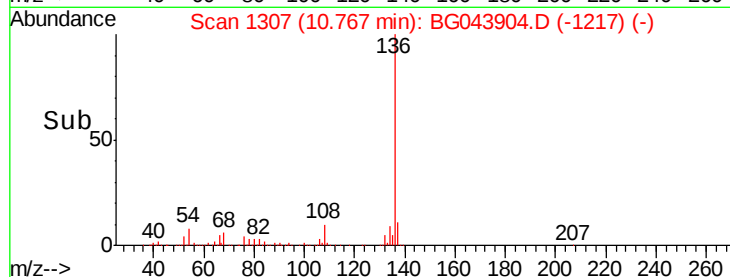
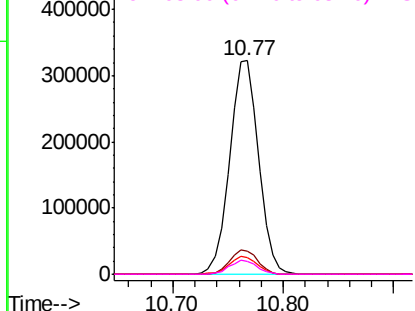
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043904.D
Acq: 4 Jan 2020 1:48

Instrument :
BNA_G
ClientSampleId :
OW-5

Tot Ion:136	Resp:	591184
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.0	7.0 10.4
68	6.2	4.9 7.3

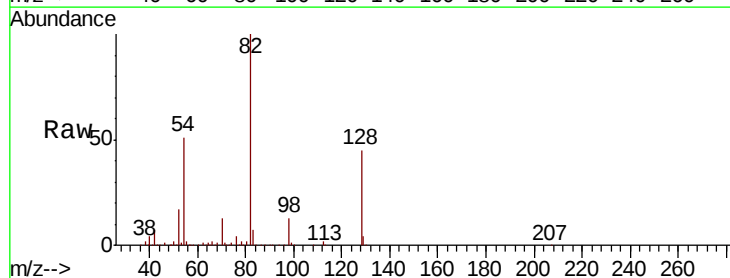


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

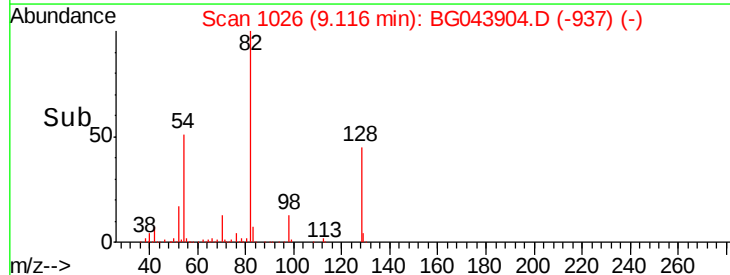
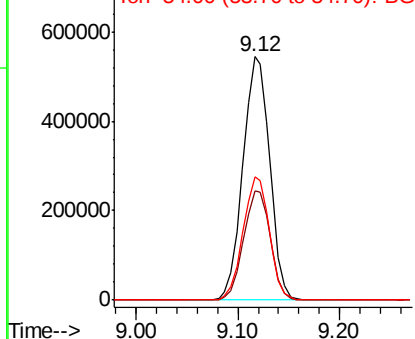


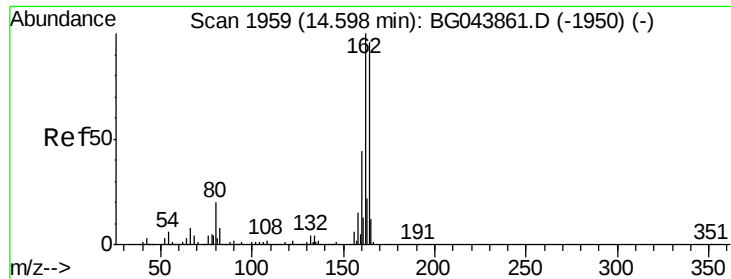
#23
Nitrobenzene-d5
Concen: 89.976 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043904.D
Acq: 4 Jan 2020 1:48

Tgt Ion: 82	Resp:	994329
Ion Ratio	Lower	Upper
82	100	
128	45.1	35.1 52.7
54	50.5	40.1 60.1



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043904.D

Acq: 4 Jan 2020 1:48

Instrument :

BNA_G

ClientSampleId :

OW-5

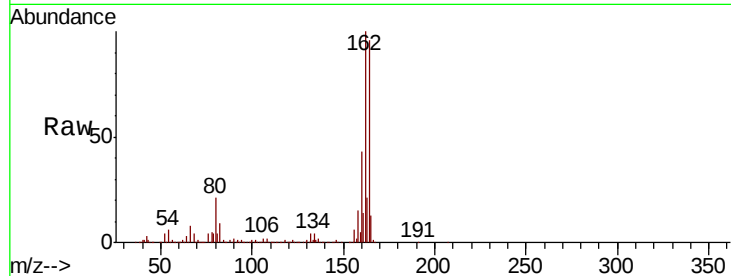
Tot Ion:164 Resp: 401350

Ion Ratio Lower Upper

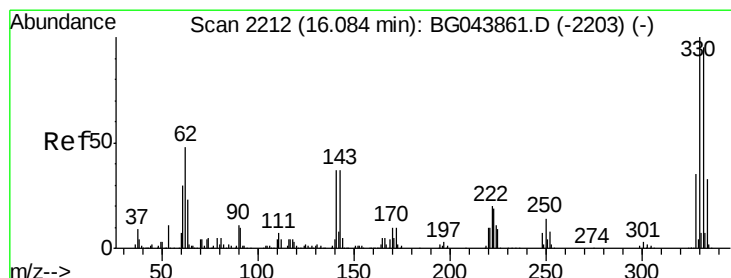
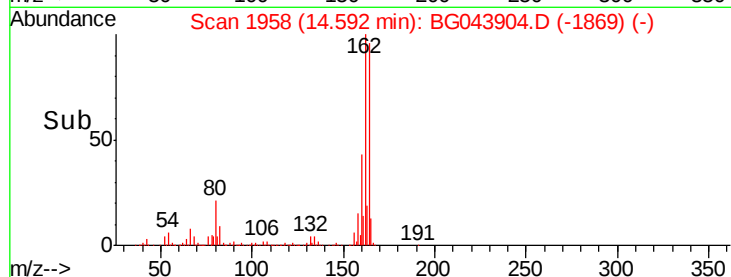
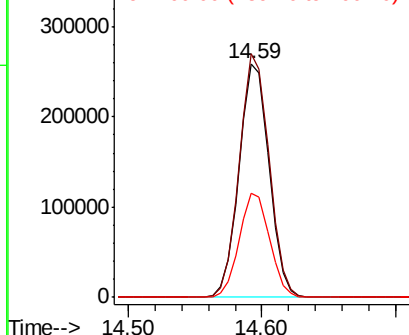
164 100

162 104.2 83.0 124.4

160 44.3 36.1 54.1



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: 155.251 ng

RT: 16.08 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG043904.D

Acq: 4 Jan 2020 1:48

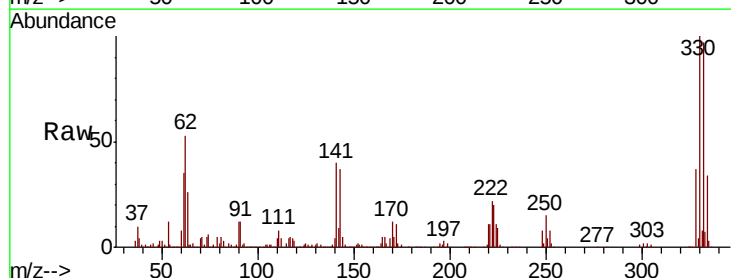
Tgt Ion:330 Resp: 652061

Ion Ratio Lower Upper

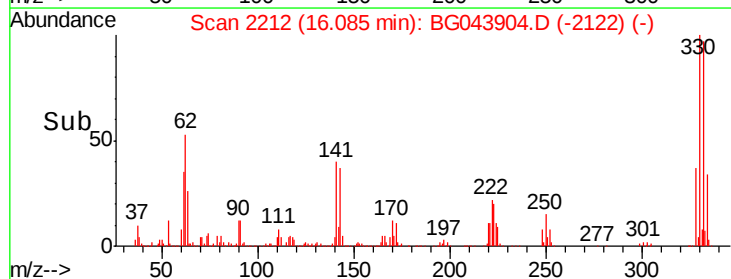
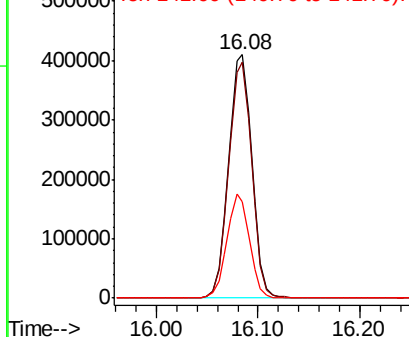
330 100

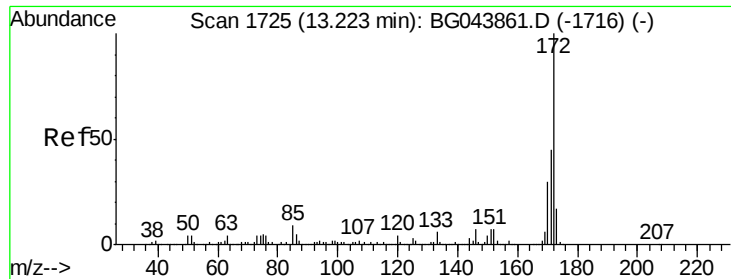
332 96.2 77.2 115.8

141 41.6 33.1 49.7



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

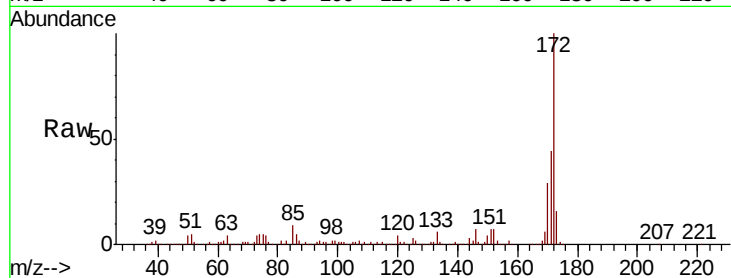




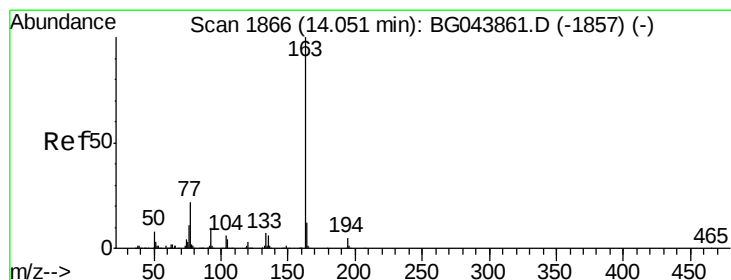
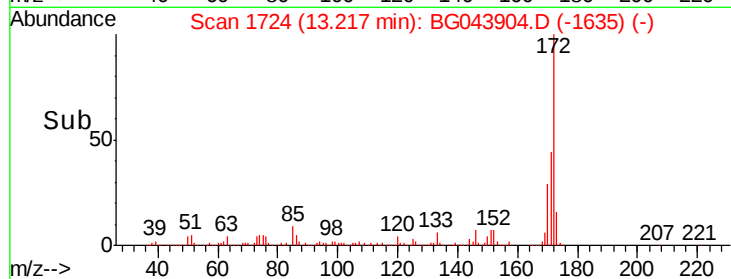
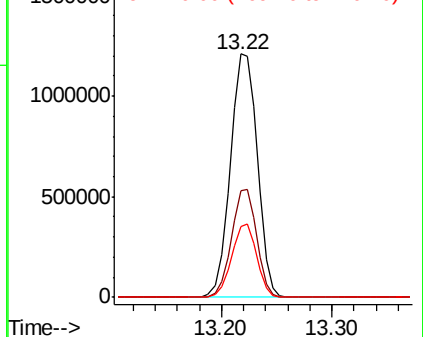
#45
2-Fluorobiphenyl
Concen: 93.668 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043904.D
Acq: 4 Jan 2020 1:48

Instrument :
BNA_G
ClientSampleId :
OW-5

Tot Ion:172 Resp: 2074968
Ion Ratio Lower Upper
172 100
171 43.6 35.8 53.8
170 29.3 24.2 36.4

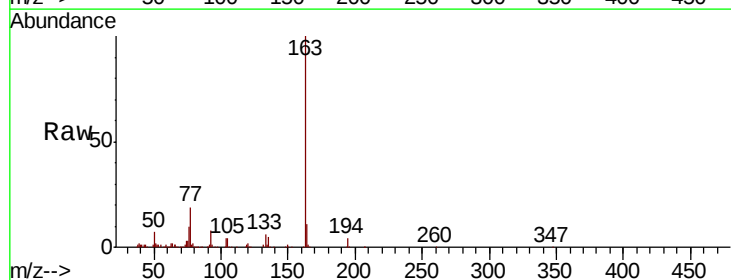


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

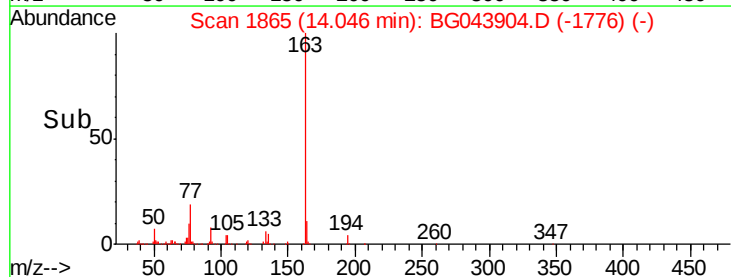
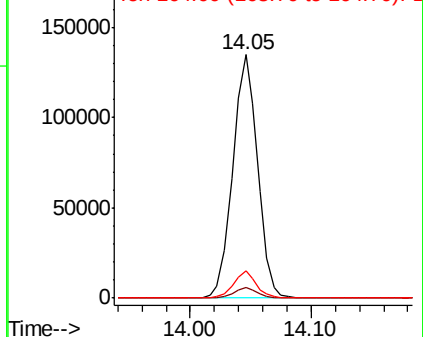


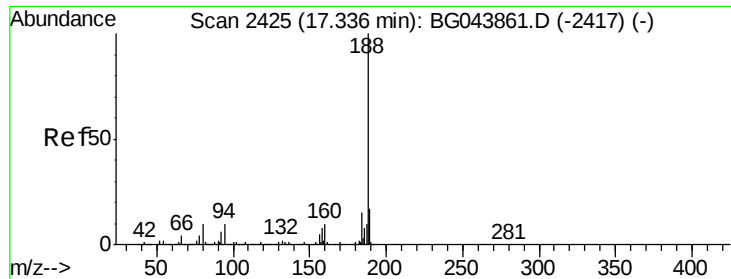
#50
Dimethylphthalate
Concen: 6.748 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043904.D
Acq: 4 Jan 2020 1:48

Tgt Ion:163 Resp: 192291
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 11.0 9.3 13.9



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: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043904.D

Acq: 4 Jan 2020 1:48

Instrument :

BNA_G

ClientSampleId :

OW-5

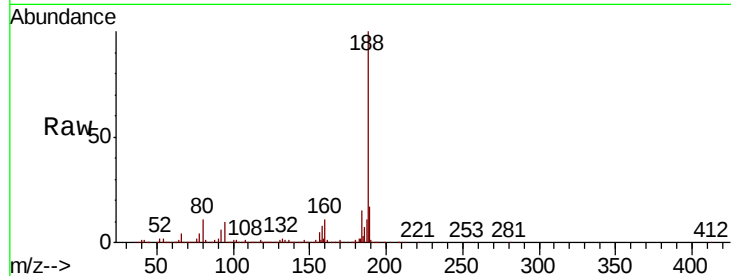
Tot Ion:188 Resp: 854198

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

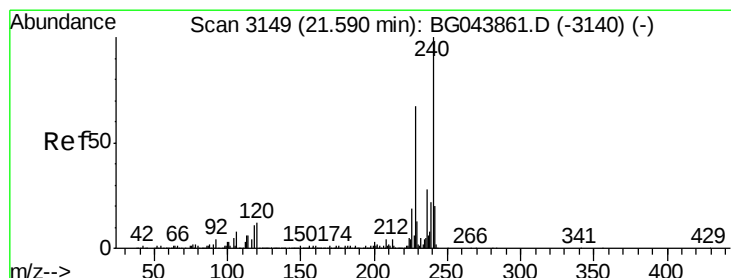
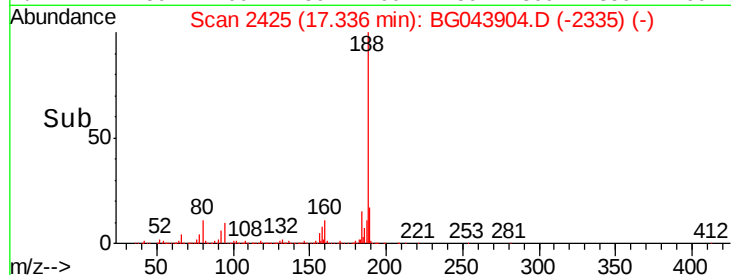
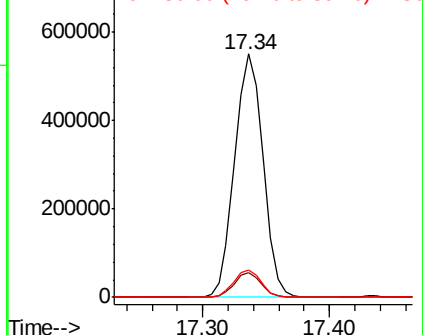
80 11.4 8.2 12.4



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

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG043904.D

Acq: 4 Jan 2020 1:48

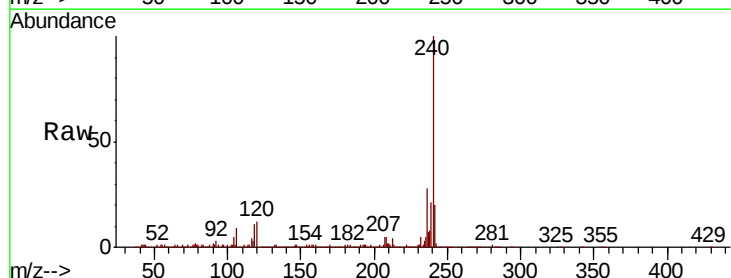
Tgt Ion:240 Resp: 714426

Ion Ratio Lower Upper

240 100

120 12.4 9.6 14.4

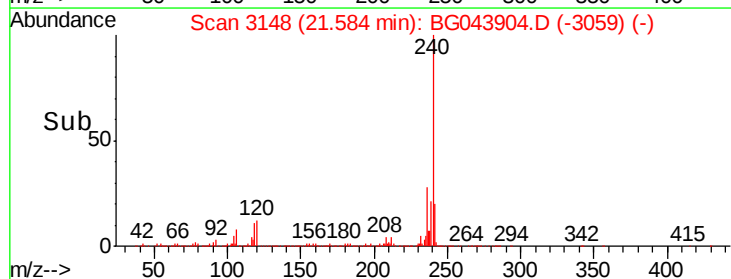
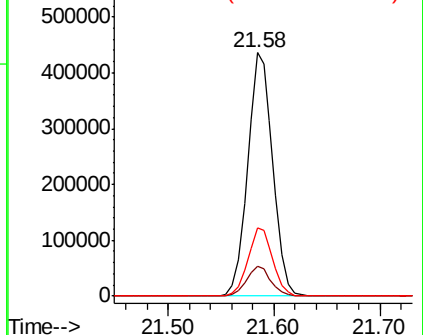
236 28.1 22.2 33.2

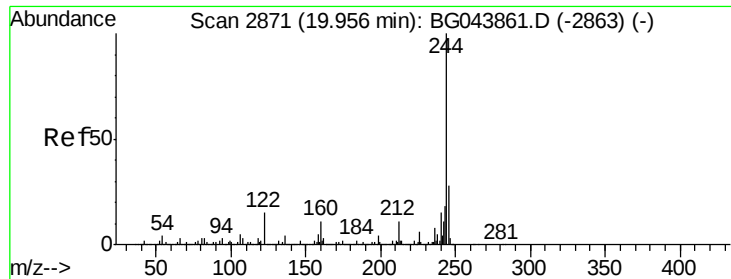


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.943 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BG043904.D

Acq: 4 Jan 2020 1:48

Instrument :

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ClientSampleId :

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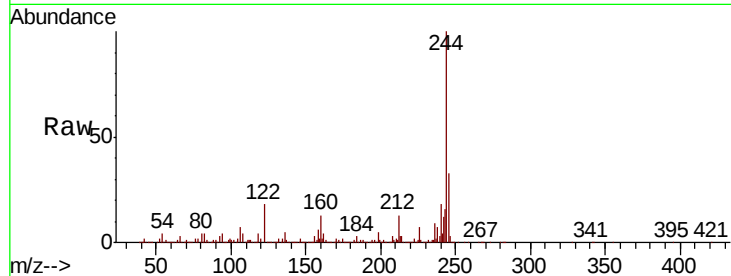
Tot Ion:244 Resp: 2750235

Ion Ratio Lower Upper

244 100

212 13.1 8.6 13.0#

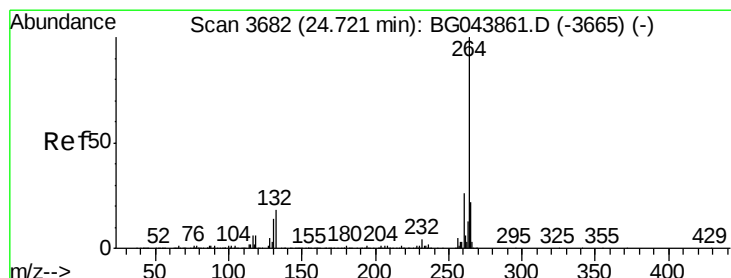
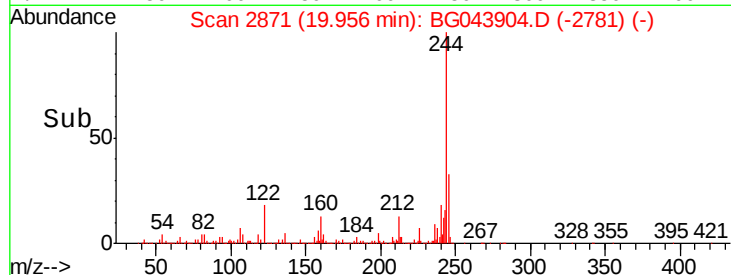
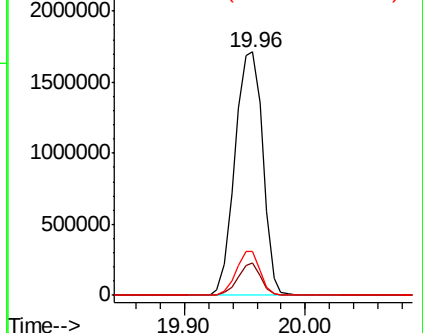
122 18.1 11.9 17.9#



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: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043904.D

Acq: 4 Jan 2020 1:48

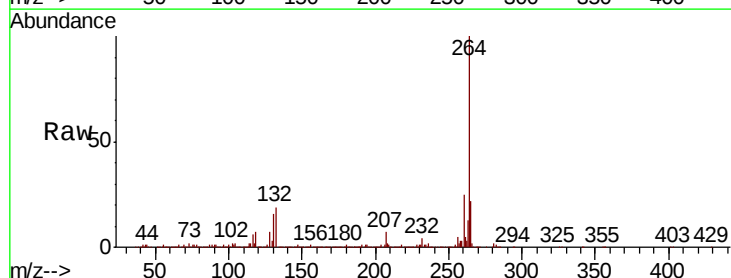
Tgt Ion:264 Resp: 795598

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 21.9 17.4 26.2



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

