

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043432.D
 Acq On : 31 Oct 2019 12:46
 Operator : JU
 Sample : K5599-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20B

Quant Time: Oct 31 14:03:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

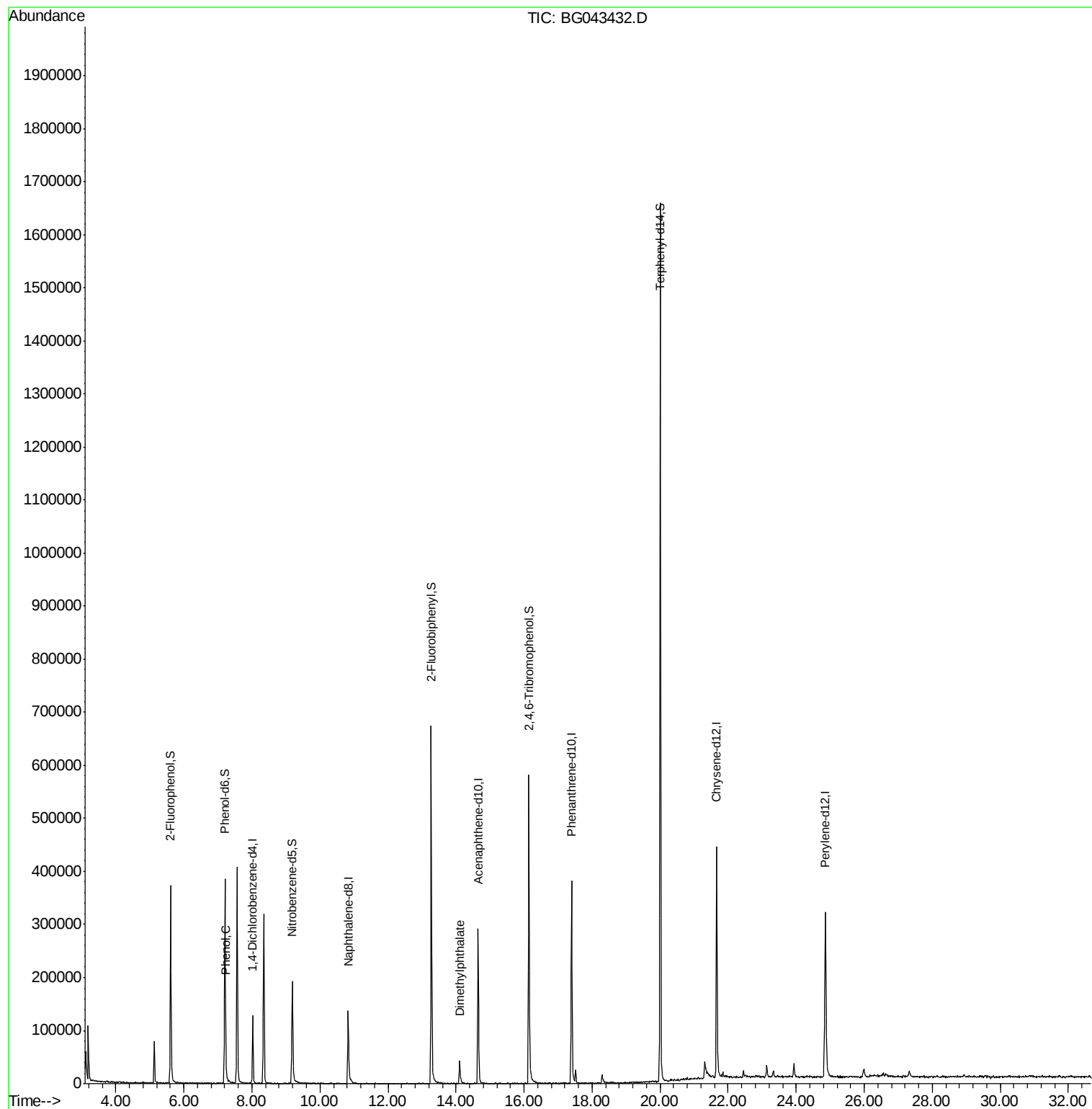
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40185	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	146291	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	118712	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	283409	20.00	ng	0.00
76) Chrysene-d12	21.66	240	315197	20.00	ng	0.00
87) Perylene-d12	24.86	264	370738	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	182887	83.40	ng	0.00
7) Phenol-d6	7.21	99	248727	78.83	ng	0.00
23) Nitrobenzene-d5	9.19	82	147484	51.97	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	156588	69.31	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	432843	50.38	ng	0.00
79) Terphenyl-d14	20.00	244	908284	54.06	ng	0.00
Target Compounds						
10) Phenol	7.23	94	6293	2.183	ng	Qvalue # 63
50) Dimethylphthalate	14.11	163	47179	5.131	ng	97

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

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BNA_G
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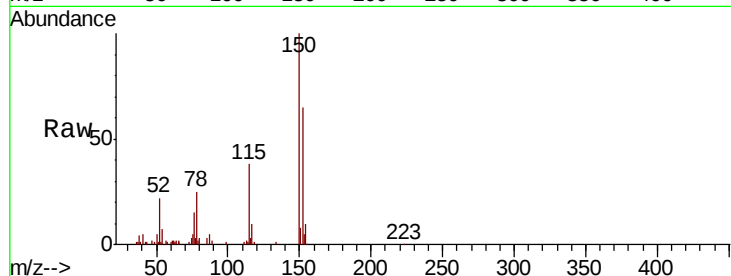


#1

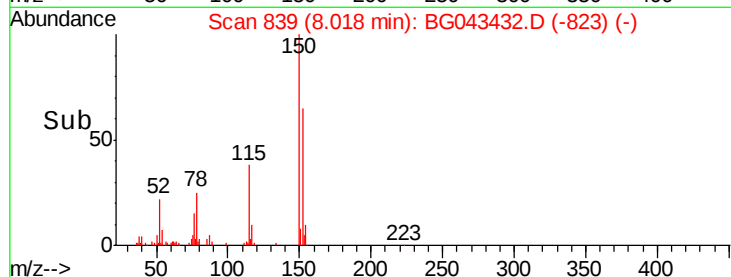
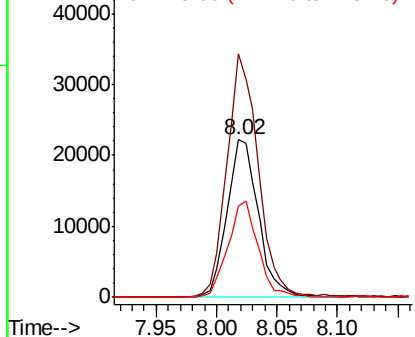
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :
Z3-20B

Tot Ion:152 Resp: 40185
Ion Ratio Lower Upper
152 100
150 154.6 113.6 170.4
115 58.4 45.9 68.9



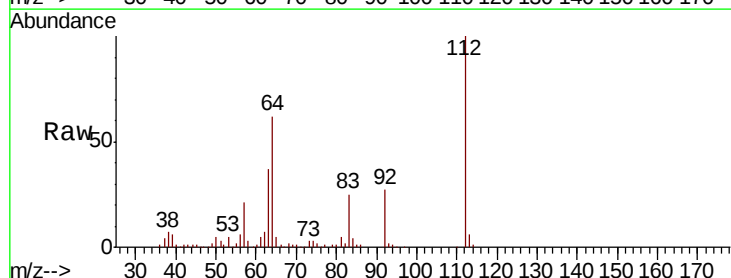
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



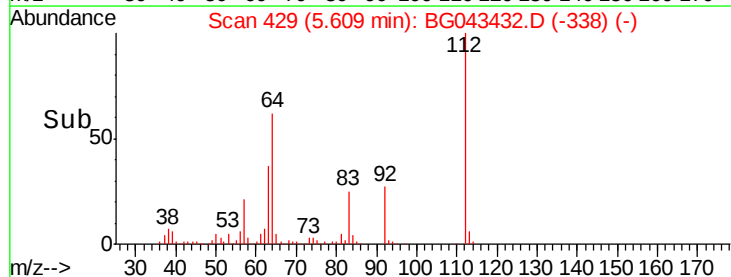
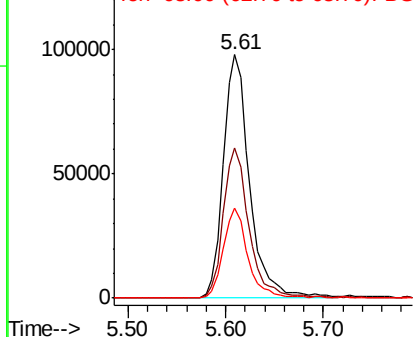
#5

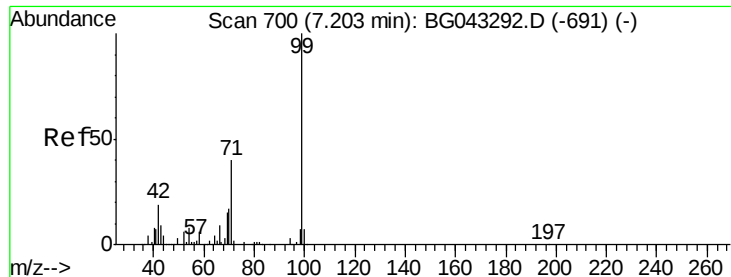
2-Fluorophenol
Concen: 83.397 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion:112 Resp: 182887
Ion Ratio Lower Upper
112 100
64 61.7 50.2 75.2
63 37.1 26.7 40.1



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: 78.832 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043432.D

Acq: 31 Oct 2019 12:46

Instrument :

BNA_G

ClientSampleId :

Z3-20B

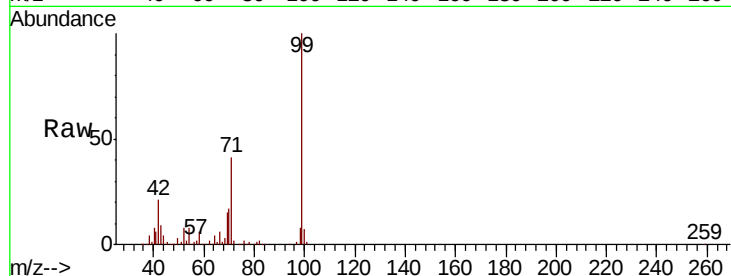
Tot Ion: 99 Resp: 248727

Ion Ratio Lower Upper

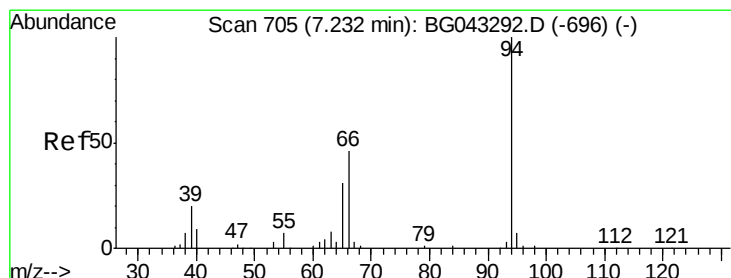
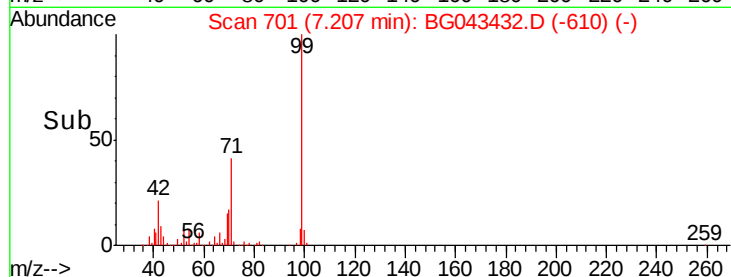
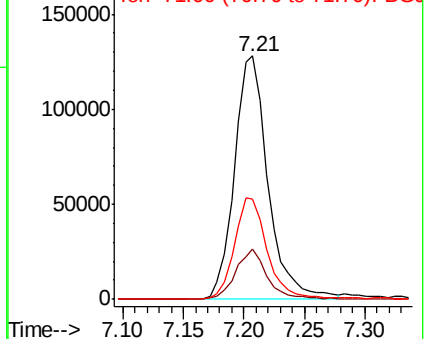
99 100

42 20.9 14.9 22.3

71 41.0 32.2 48.2



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: 2.183 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043432.D

Acq: 31 Oct 2019 12:46

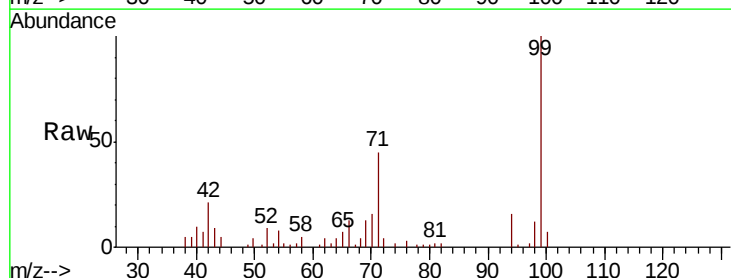
Tgt Ion: 94 Resp: 6293

Ion Ratio Lower Upper

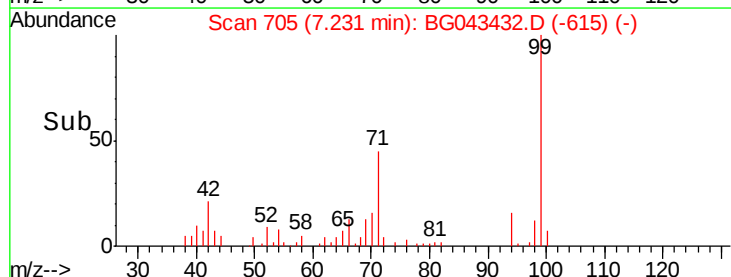
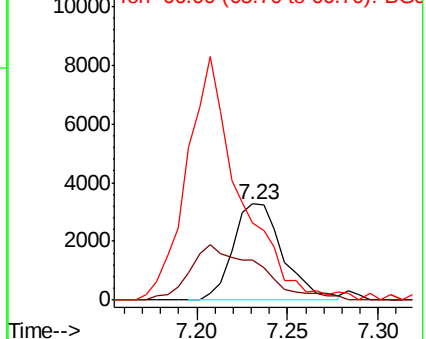
94 100

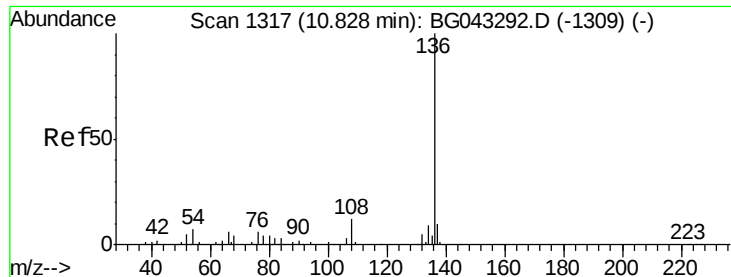
65 42.3 11.1 51.1

66 80.2 27.8 67.8#



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

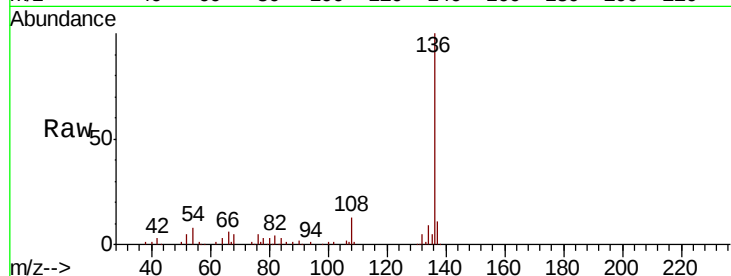




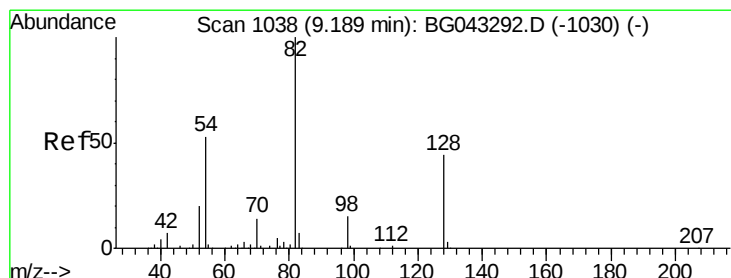
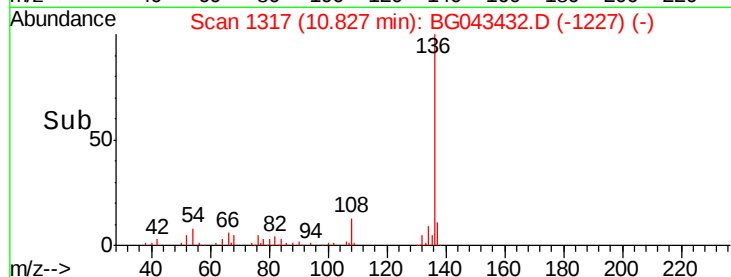
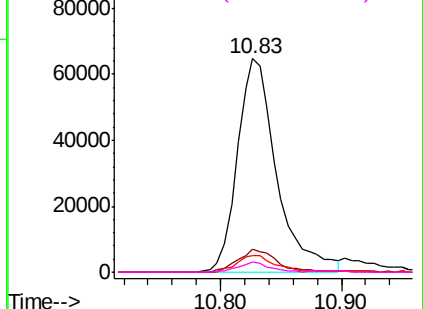
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :
Z3-20B

Tot Ion:136	Resp:	146291
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.2	12.2
54 7.7	5.4	8.2
68 4.7	3.3	4.9

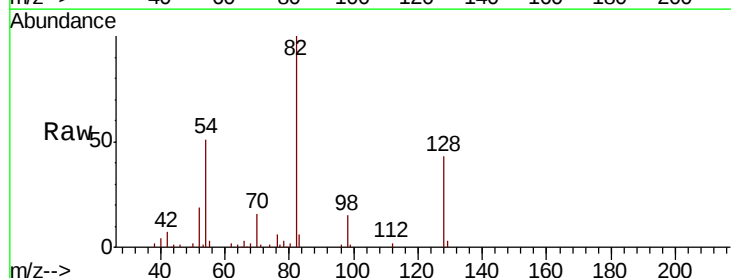


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

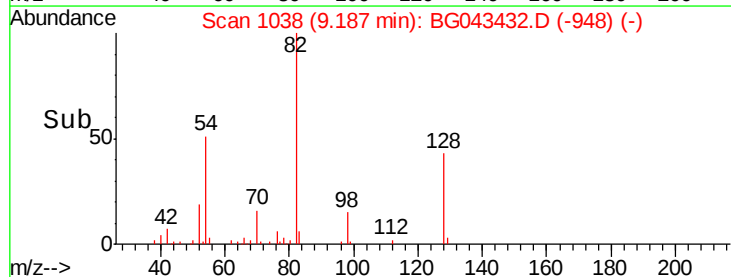
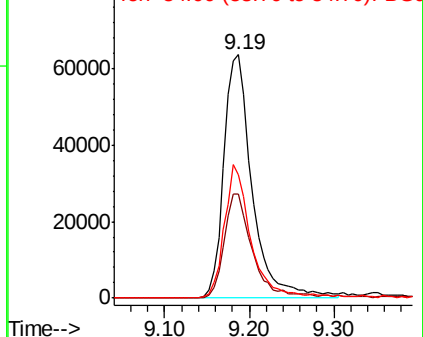


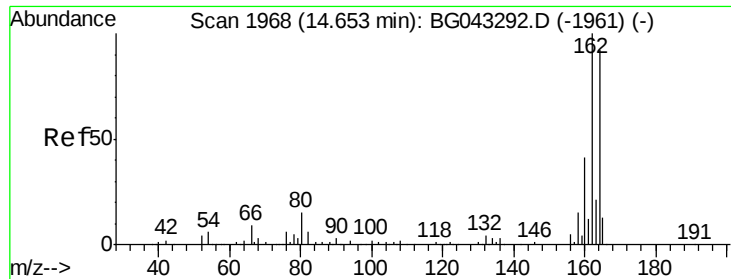
#23
Nitrobenzene-d5
Concen: 51.975 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion: 82	Resp: 147484
Ion Ratio	Lower Upper
82 100	
128 42.5	35.3 52.9
54 50.9	42.3 63.5



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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043432.D

Acq: 31 Oct 2019 12:46

Instrument :

BNA_G

ClientSampleId :

Z3-20B

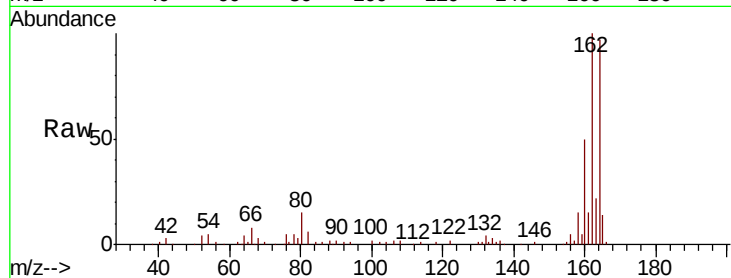
Tot Ion:164 Resp: 118712

Ion Ratio Lower Upper

164 100

162 103.0 87.0 130.4

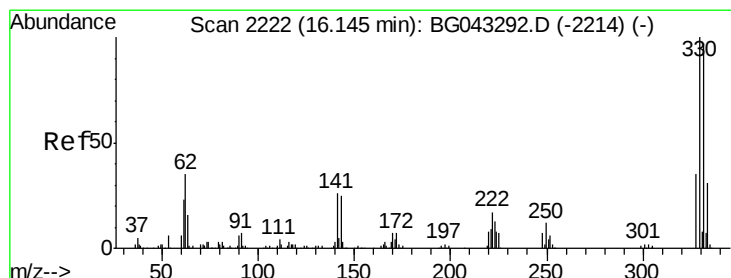
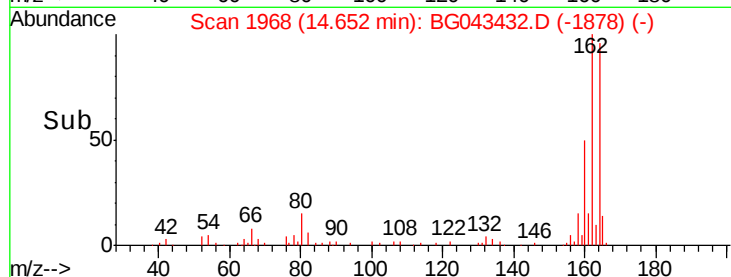
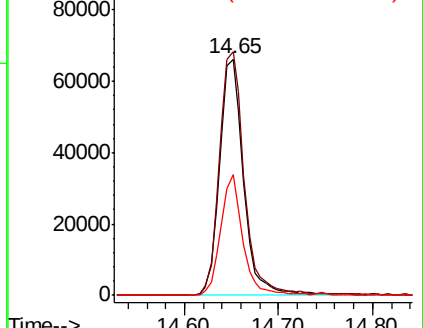
160 51.1 35.5 53.3



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: 69.315 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043432.D

Acq: 31 Oct 2019 12:46

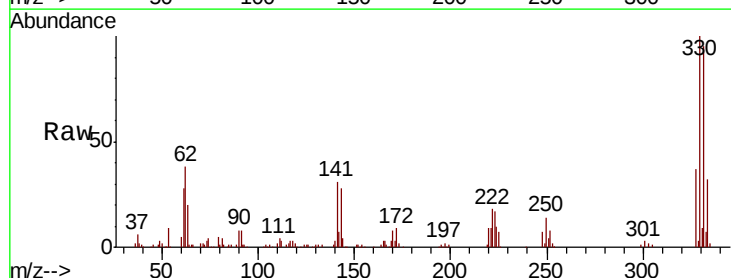
Tgt Ion:330 Resp: 156588

Ion Ratio Lower Upper

330 100

332 95.2 76.4 114.6

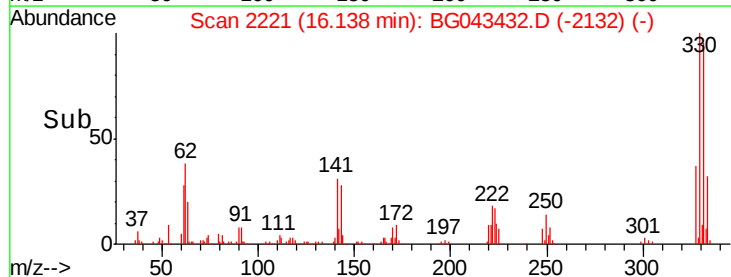
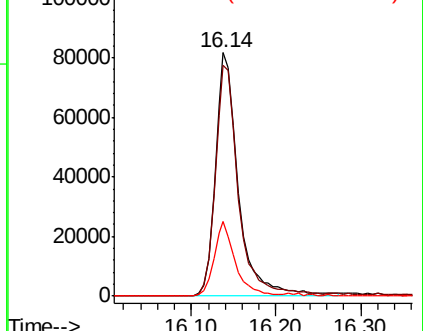
141 28.0 21.4 32.0

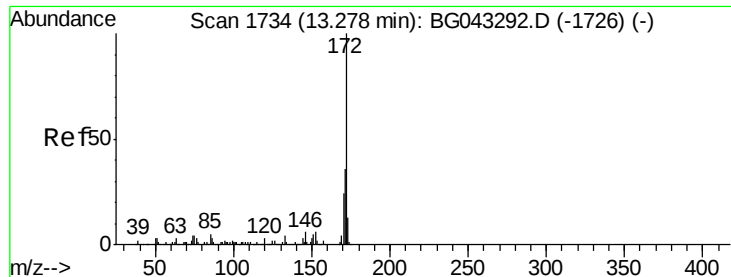


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

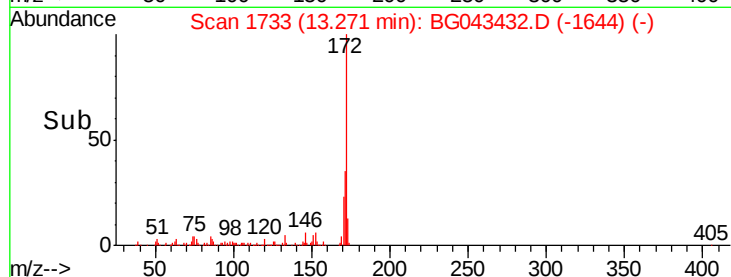
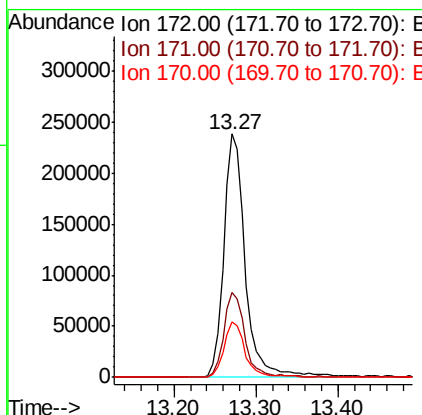
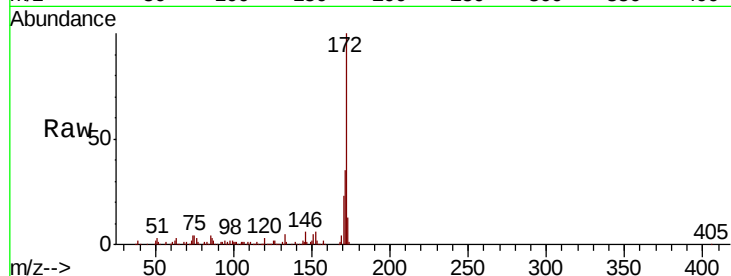




#45
2-Fluorobiphenyl
Concen: 50.383 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

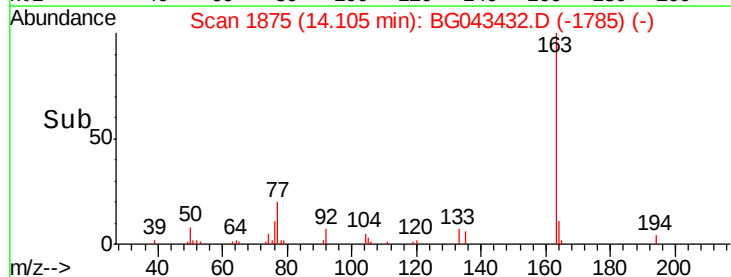
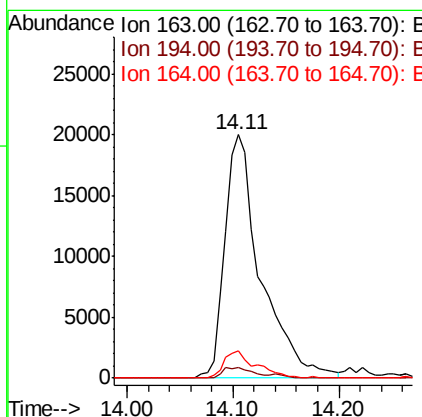
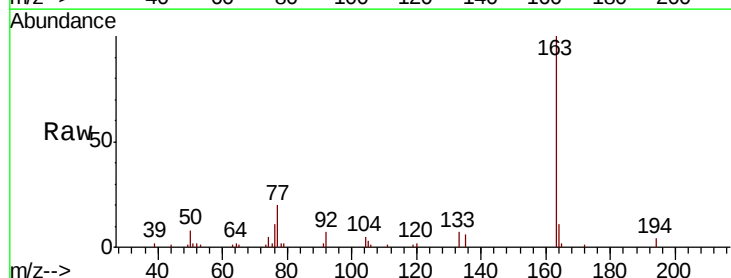
Instrument :
BNA_G
ClientSampleId :
Z3-20B

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.5	18.8	28.2



#50
Dimethylphthalate
Concen: 5.131 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.4	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043432.D

Acq: 31 Oct 2019 12:46

Instrument :

BNA_G

ClientSampleId :

Z3-20B

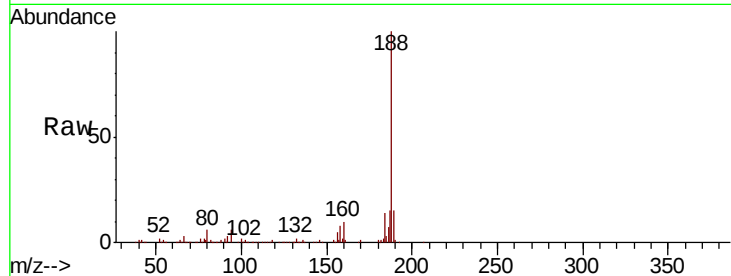
Tot Ion:188 Resp: 283409

Ion Ratio Lower Upper

188 100

94 6.2 4.2 6.2

80 6.4 5.2 7.8



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

200000

150000

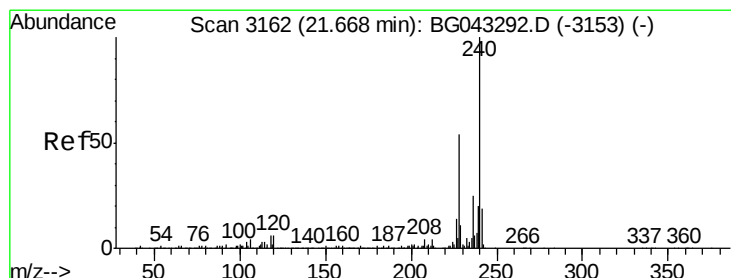
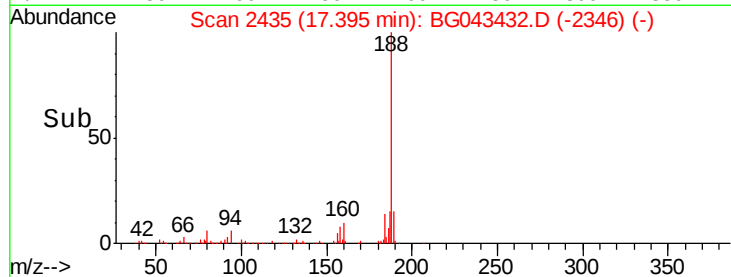
100000

50000

0

17.30 17.40 17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043432.D

Acq: 31 Oct 2019 12:46

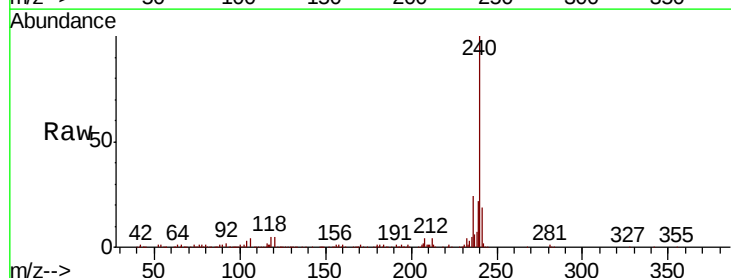
Tgt Ion:240 Resp: 315197

Ion Ratio Lower Upper

240 100

120 5.1 4.6 7.0

236 24.4 20.2 30.4



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

200000

150000

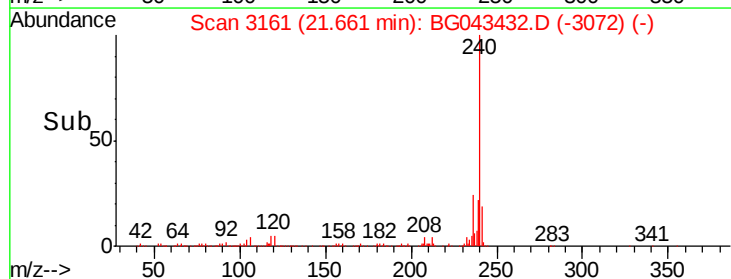
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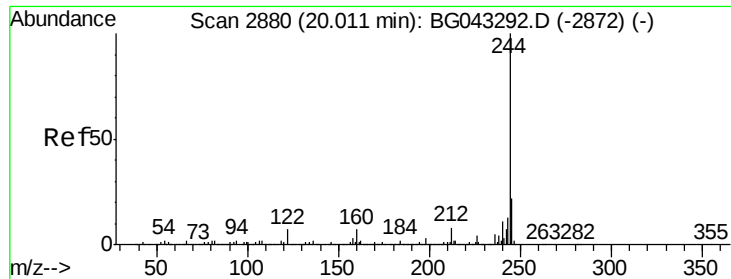
50000

0

21.60 21.70 21.80

Time-->

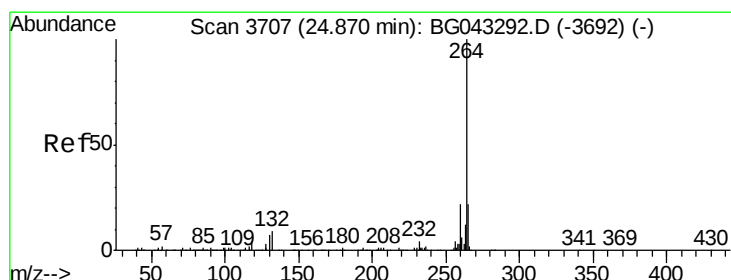
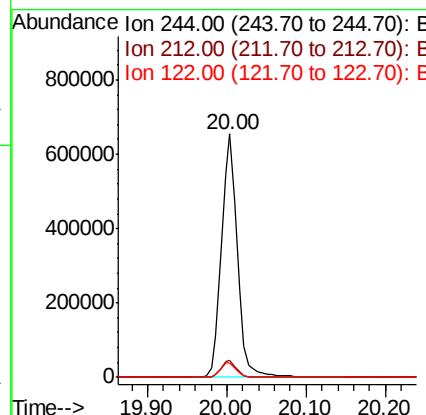
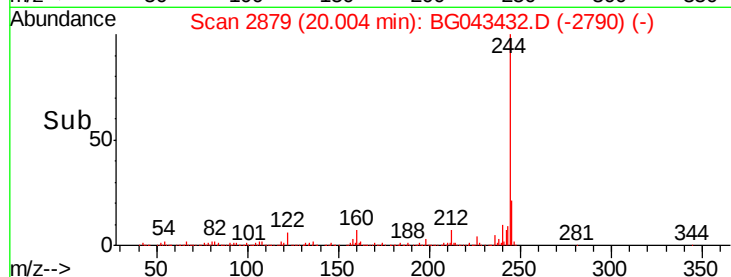
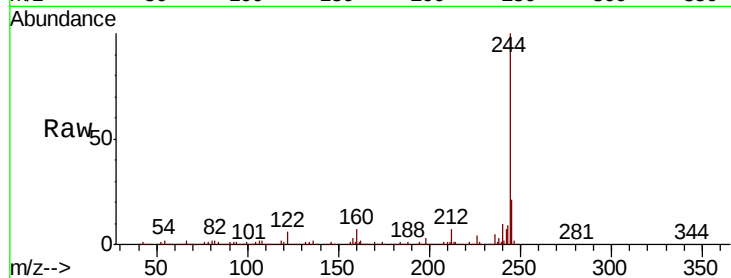




#79
 Terphenyl-d14
 Concen: 54.061 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043432.D
 Acq: 31 Oct 2019 12:46

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.4	9.6
122	6.2	5.3	7.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043432.D
 Acq: 31 Oct 2019 12:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	22.7	17.4	26.2

