

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043416.D
 Acq On : 31 Oct 2019 1:04
 Operator : JU
 Sample : K5599-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z3-21B

Quant Time: Oct 31 06:44:54 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

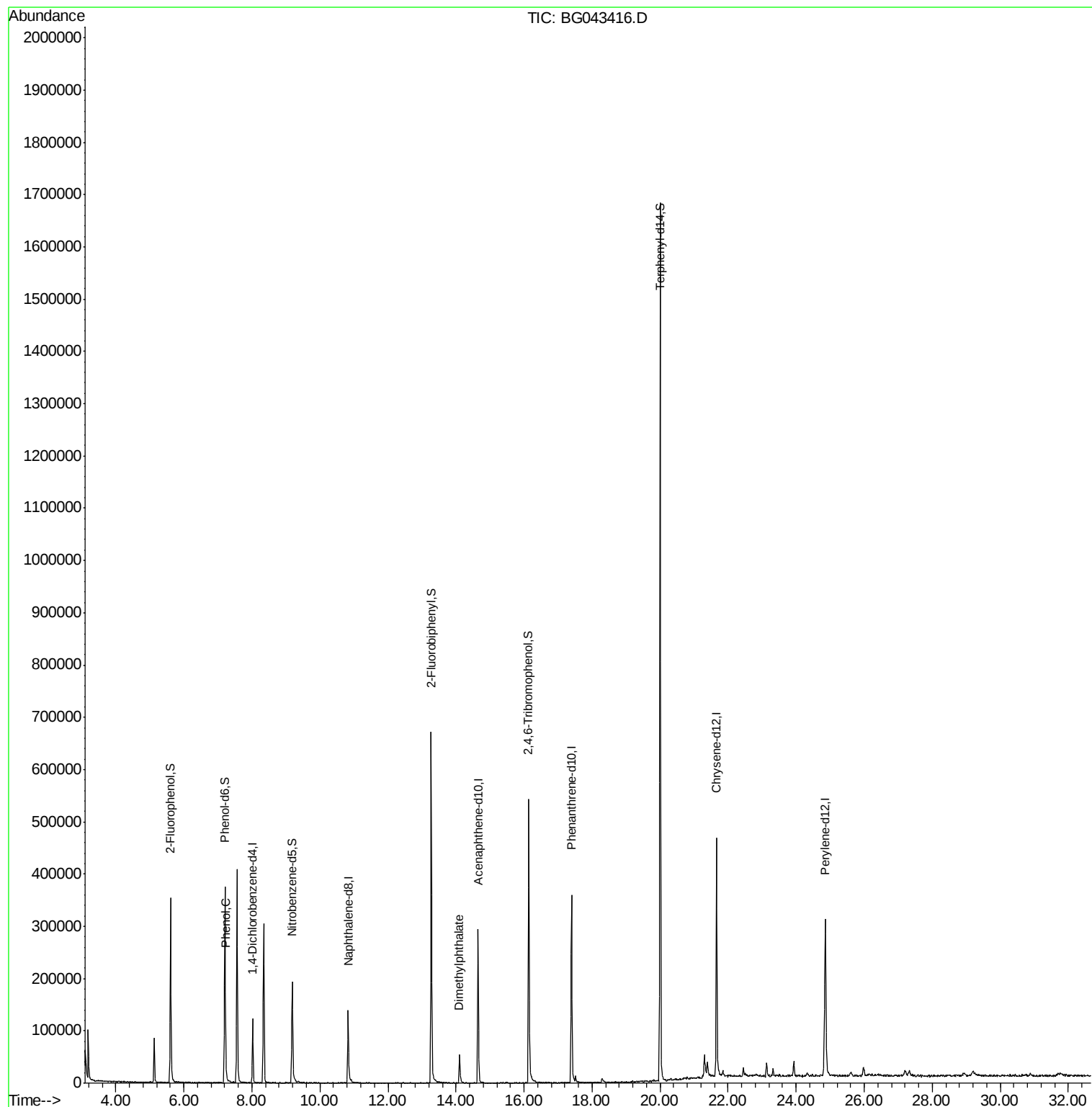
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38118	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	136845	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	113544	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	269270	20.00	ng	0.00
76) Chrysene-d12	21.66	240	312372	20.00	ng	-0.01
87) Perylene-d12	24.85	264	364438	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	173003	83.17	ng	0.00
7) Phenol-d6	7.20	99	244555	81.71	ng	0.00
23) Nitrobenzene-d5	9.18	82	143859	54.20	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	150371	69.59	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	422221	51.38	ng	0.00
79) Terphenyl-d14	20.00	244	925689	55.60	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	5978	2.186	ng	# 52
50) Dimethylphthalate	14.10	163	55288	6.286	ng	# 98

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

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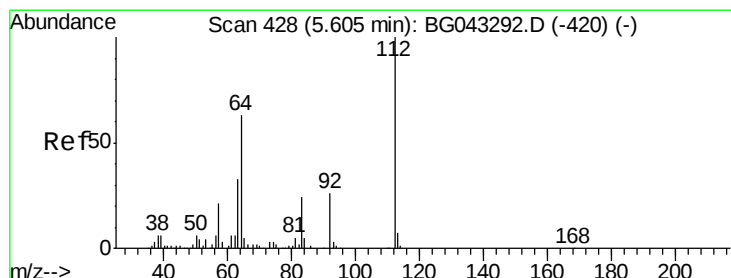
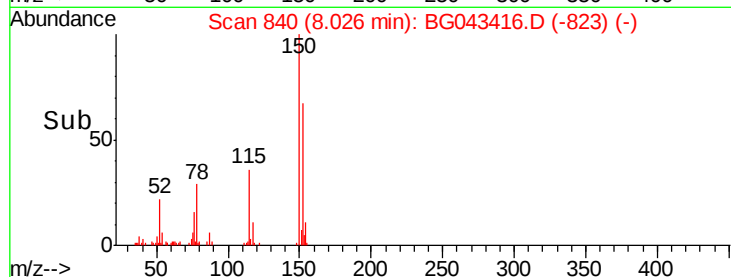
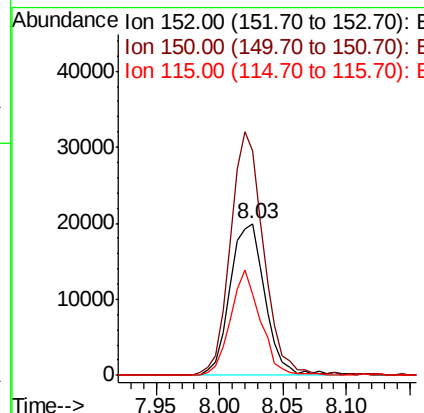
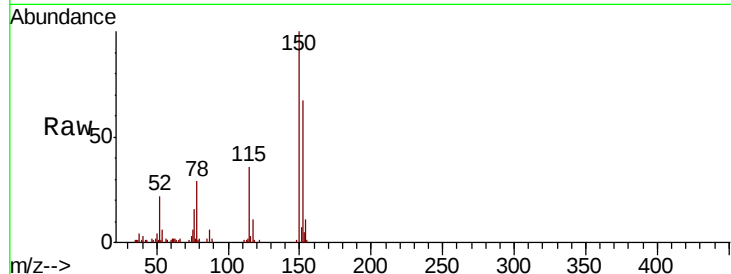


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043416.D
Acq: 31 Oct 2019 1:04

Instrument :
BNA_G
ClientSampleId :
Z3-21B

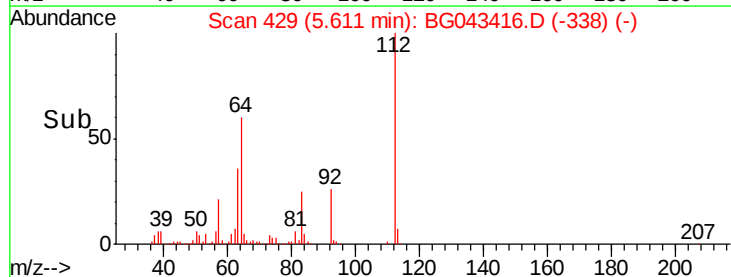
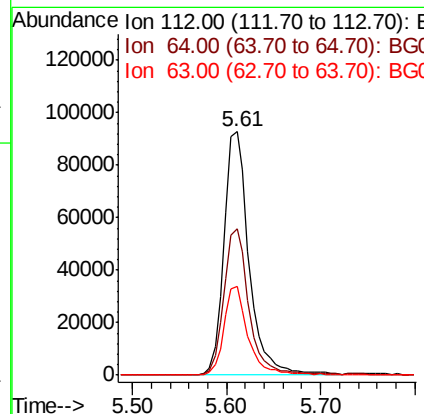
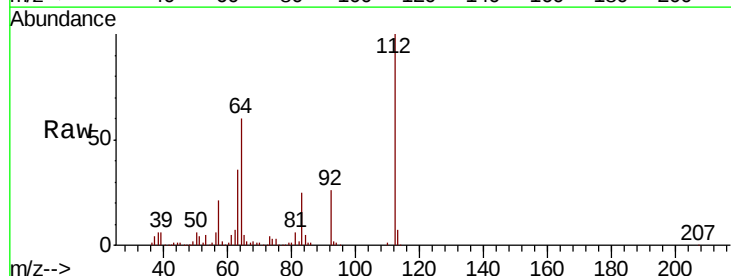
Tot Ion	152	Resp	38118
Ion Ratio	Lower	Upper	
152	100		
150	148.3	113.6	170.4
115	53.8	45.9	68.9



#5

2-Fluorophenol
Concen: 83.168 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043416.D
Acq: 31 Oct 2019 1:04

Tgt Ion	112	Resp	173003
Ion Ratio	Lower	Upper	
112	100		
64	59.9	50.2	75.2
63	36.3	26.7	40.1





#7

Phenol-d6

Concen: 81.712 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043416.D

Acq: 31 Oct 2019 1:04

Instrument :

BNA_G

ClientSampleId :

Z3-21B

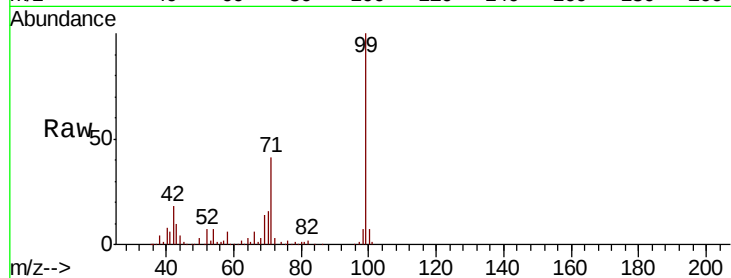
Tot Ion: 99 Resp: 244555

Ion Ratio Lower Upper

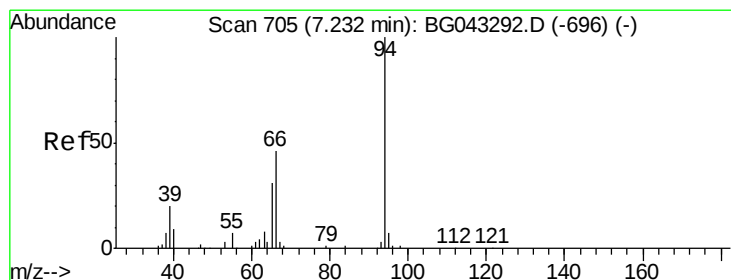
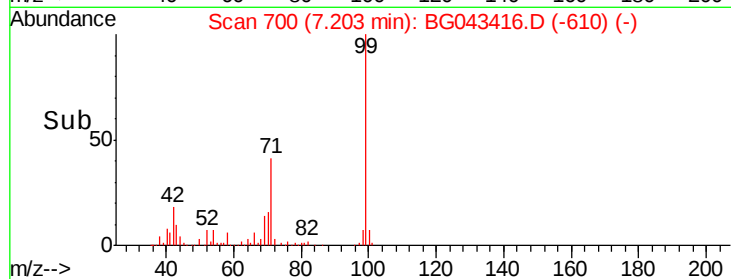
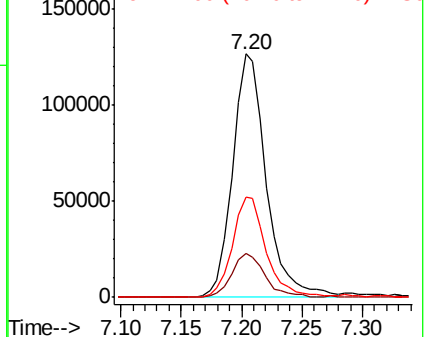
99 100

42 18.0 14.9 22.3

71 41.4 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: 2.186 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043416.D

Acq: 31 Oct 2019 1:04

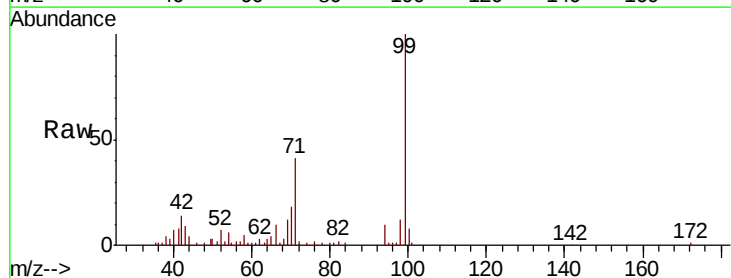
Tgt Ion: 94 Resp: 5978

Ion Ratio Lower Upper

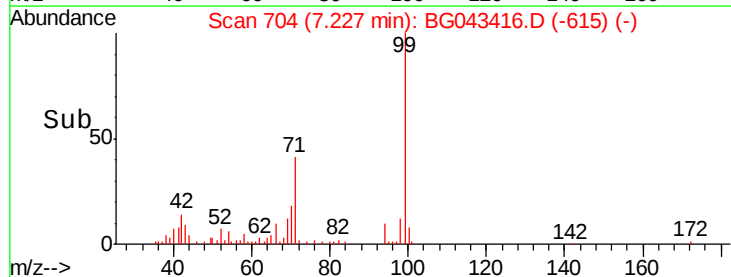
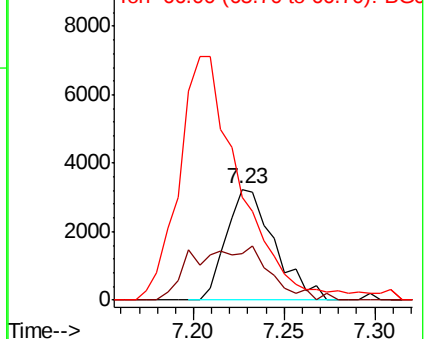
94 100

65 42.0 11.1 51.1

66 92.6 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

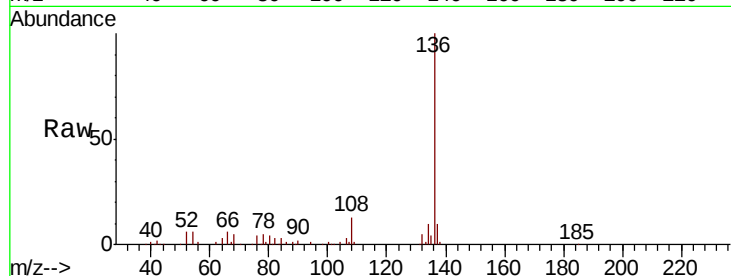




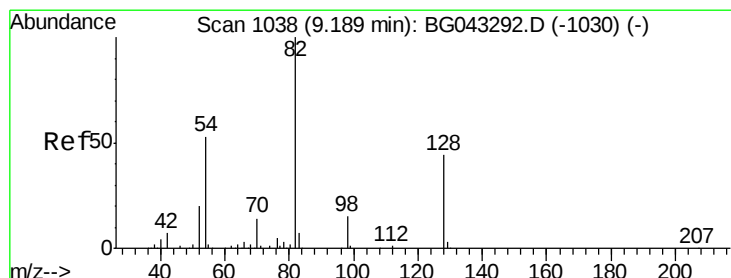
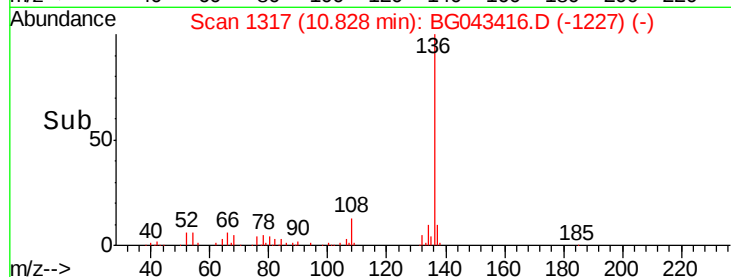
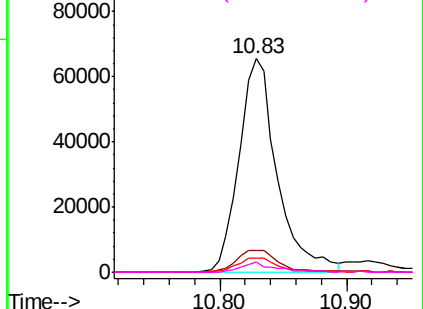
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043416.D
Acq: 31 Oct 2019 1:04

Instrument :
BNA_G
ClientSampleId :
Z3-21B

Tot Ion:136	Resp:	136845
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.2 12.2
54	6.4	5.4 8.2
68	4.7	3.3 4.9

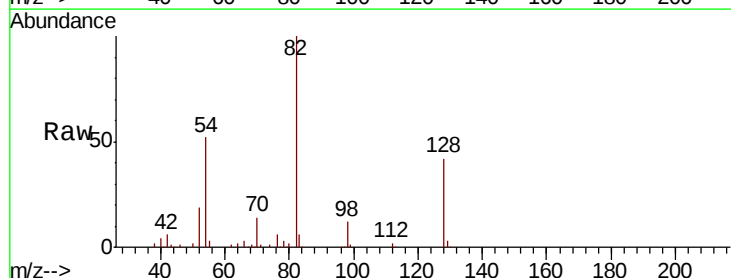


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

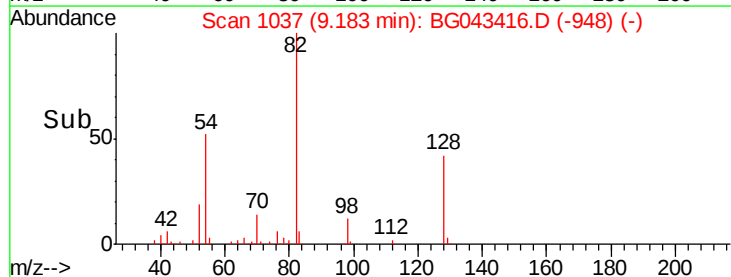
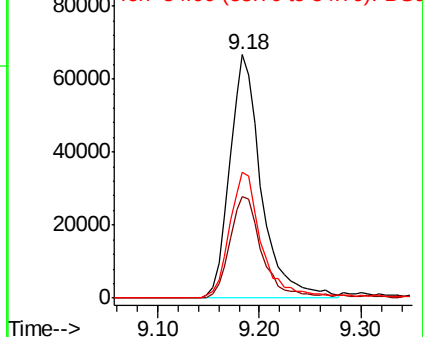


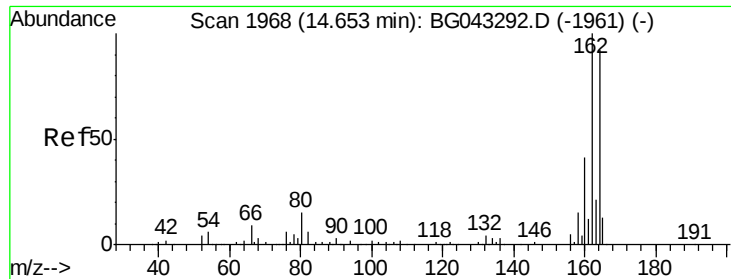
#23
Nitrobenzene-d5
Concen: 54.197 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043416.D
Acq: 31 Oct 2019 1:04

Tgt Ion: 82	Resp:	143859
Ion Ratio	Lower	Upper
82	100	
128	41.7	35.3 52.9
54	51.6	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# 1967

Delta R.T. -0.01 min

Lab File: BG043416.D

Acq: 31 Oct 2019 1:04

Instrument :

BNA_G

ClientSampleId :

Z3-21B

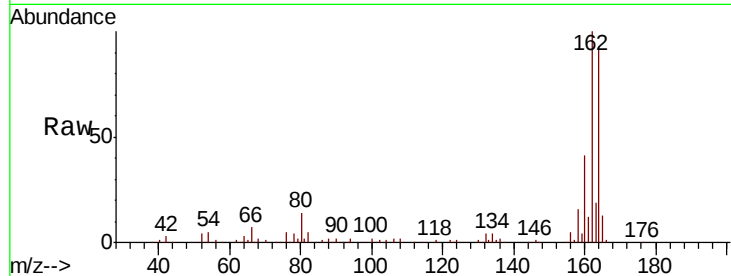
Tot Ion:164 Resp: 113544

Ion Ratio Lower Upper

164 100

162 107.4 87.0 130.4

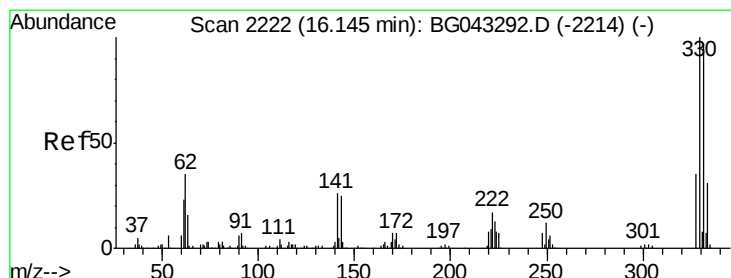
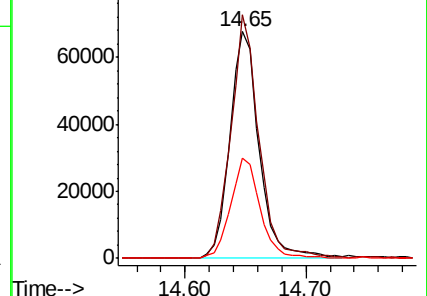
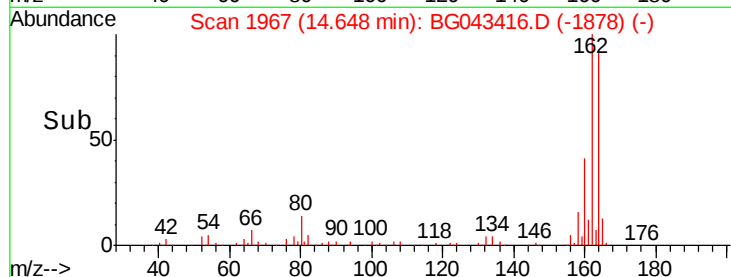
160 44.1 35.5 53.3



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: 69.592 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043416.D

Acq: 31 Oct 2019 1:04

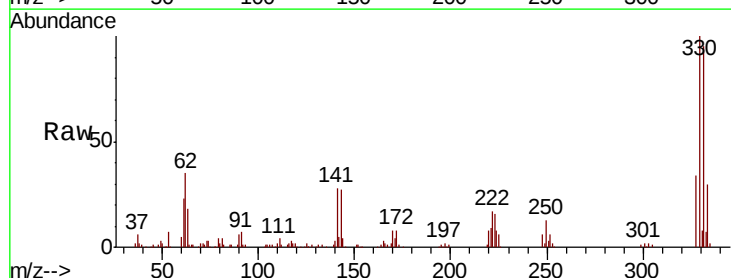
Tgt Ion:330 Resp: 150371

Ion Ratio Lower Upper

330 100

332 98.3 76.4 114.6

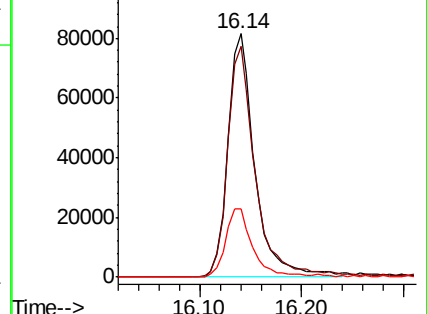
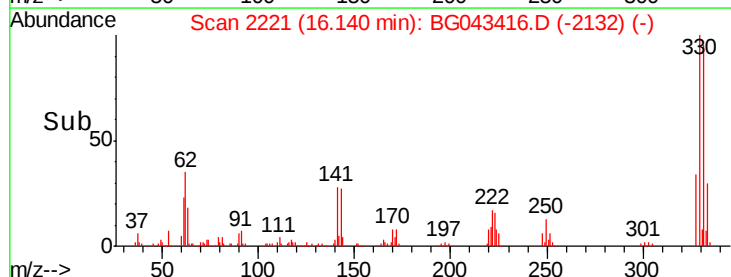
141 28.8 21.4 32.0



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

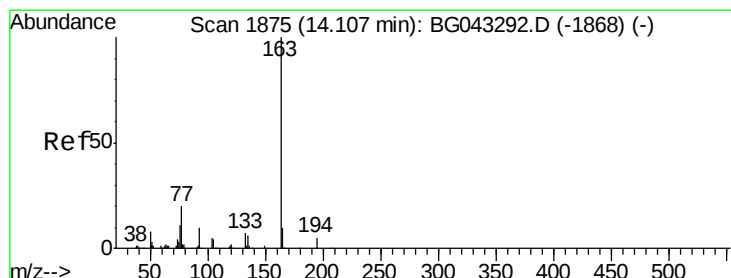
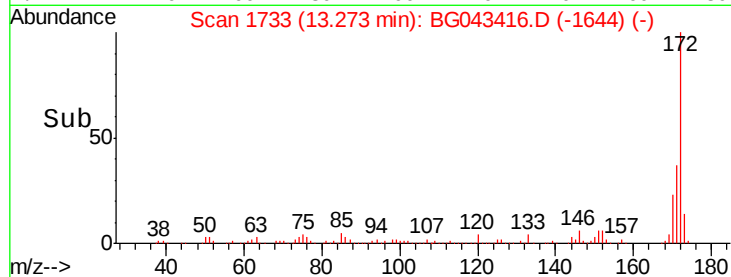
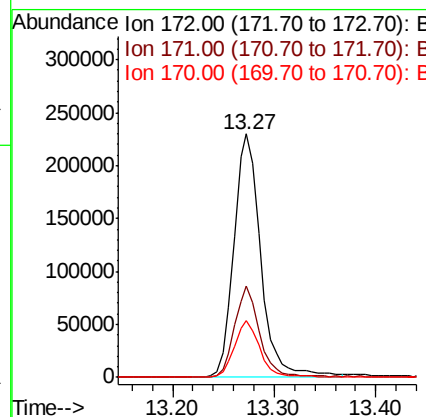
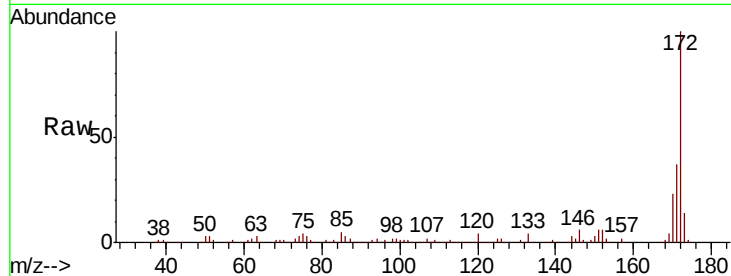




#45
 2-Fluorobiphenyl
 Concen: 51.383 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043416.D
 Acq: 31 Oct 2019 1:04

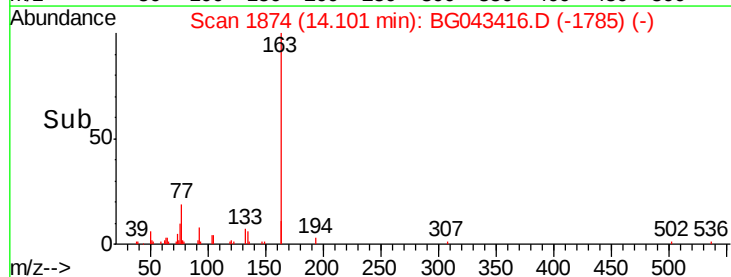
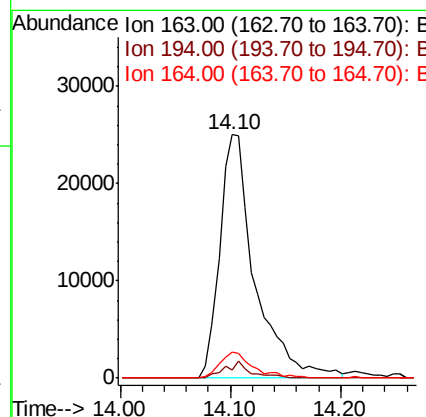
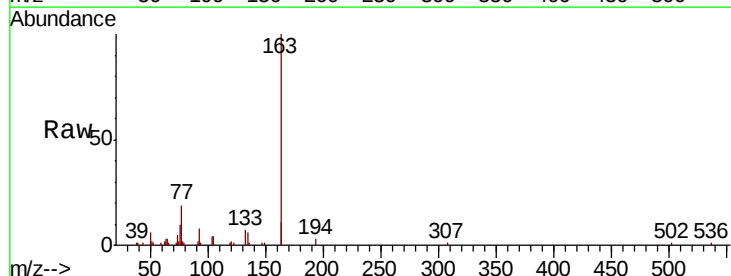
Instrument :
 BNA_G
 ClientSampleId :
 Z3-21B

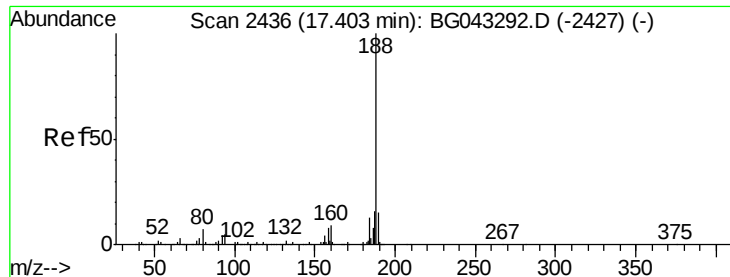
Tot Ion:172 Resp: 422221
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.5 42.7
 170 23.3 18.8 28.2



#50
 Dimethylphthalate
 Concen: 6.286 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG043416.D
 Acq: 31 Oct 2019 1:04

Tgt Ion:163 Resp: 55288
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.7 5.5#
 164 10.6 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: BG043416.D

Acq: 31 Oct 2019 1:04

Instrument :

BNA_G

ClientSampleId :

Z3-21B

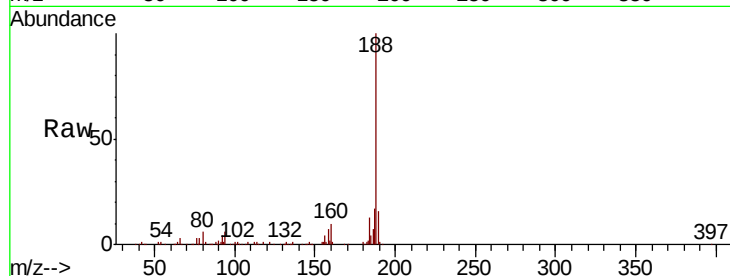
Tot Ion:188 Resp: 269270

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

80 6.2 5.2 7.8



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

200000

150000

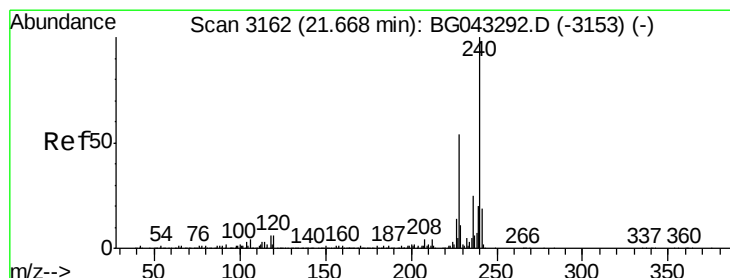
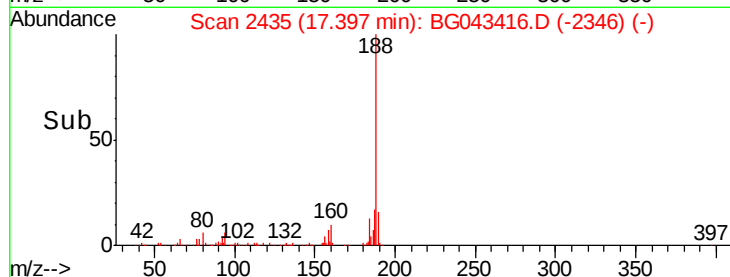
100000

50000

0

17.30 17.40 17.50 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043416.D

Acq: 31 Oct 2019 1:04

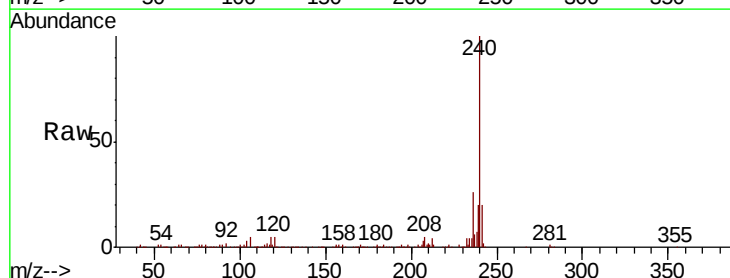
Tgt Ion:240 Resp: 312372

Ion Ratio Lower Upper

240 100

120 5.4 4.6 7.0

236 25.6 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

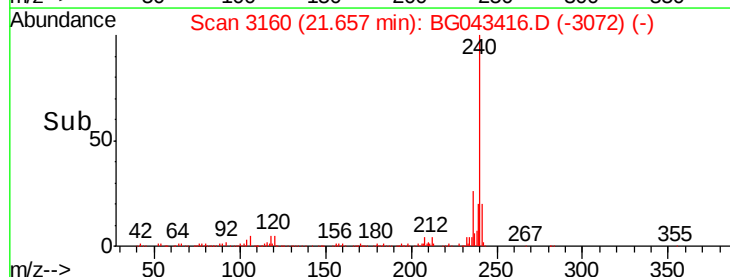
100000

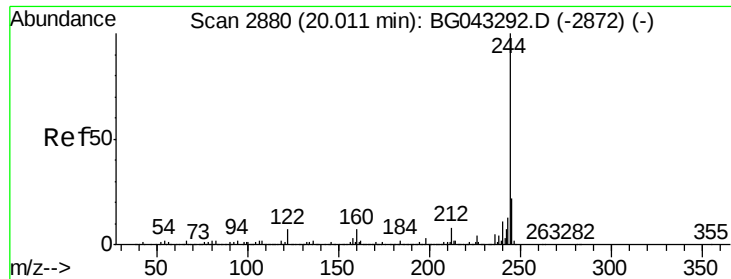
50000

0

21.60 21.70 21.80

Time-->





#79

Terphenyl-d14

Concen: 55.595 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043416.D

Acq: 31 Oct 2019 1:04

Instrument :

BNA_G

ClientSampleId :

Z3-21B

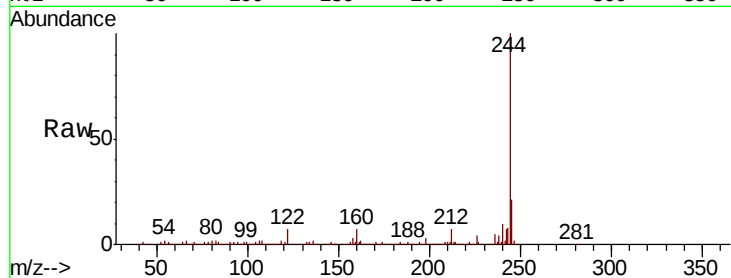
Tot Ion:244 Resp: 925689

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

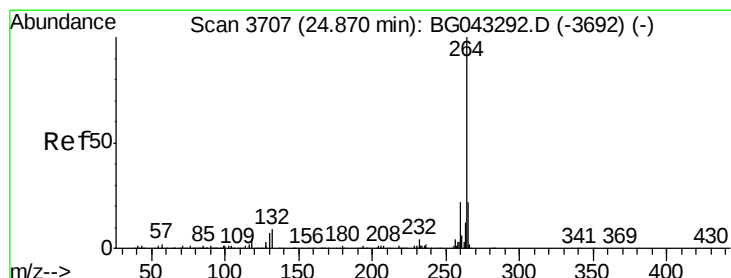
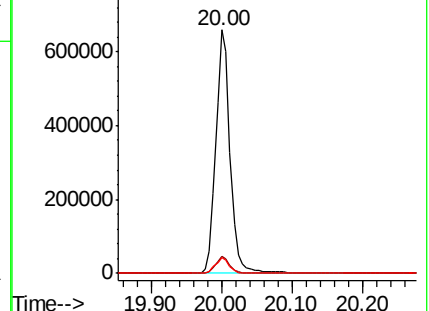
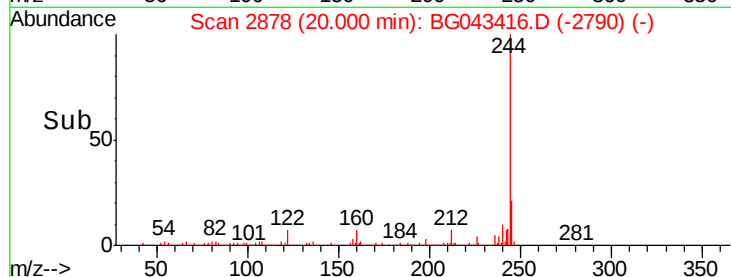
122 6.5 5.3 7.9



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: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043416.D

Acq: 31 Oct 2019 1:04

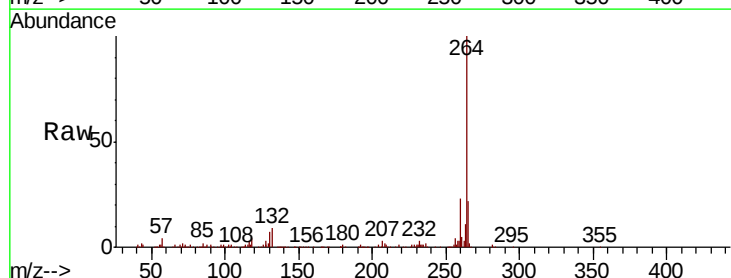
Tgt Ion:264 Resp: 364438

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 22.1 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

