

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043405.D
 Acq On : 30 Oct 2019 17:58
 Operator : JU
 Sample : K5543-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-1

Quant Time: Oct 31 05:41:49 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

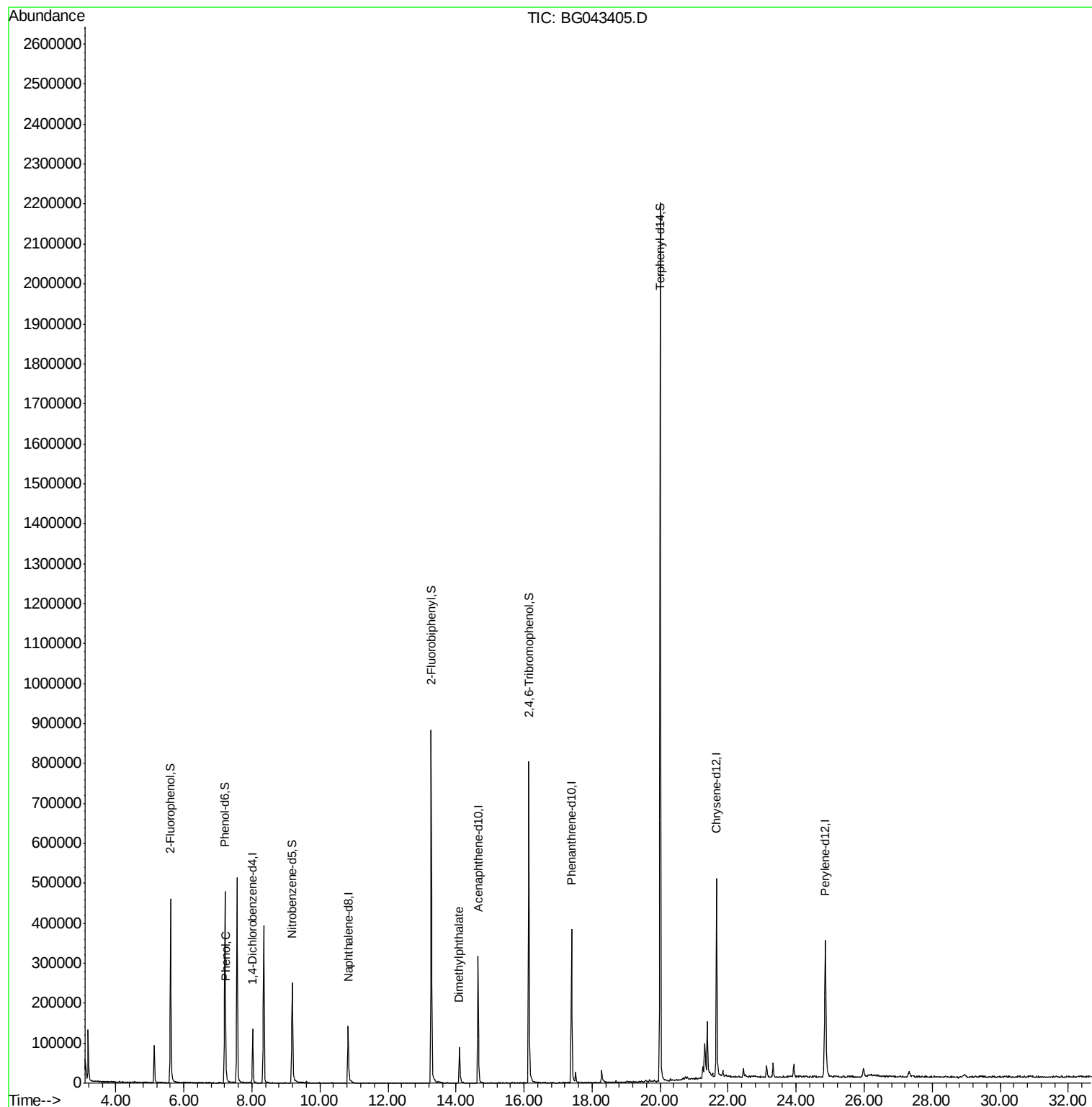
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	42953	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	145760	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	121313	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	293789	20.00	ng	0.00
76) Chrysene-d12	21.66	240	344516	20.00	ng	-0.01
87) Perylene-d12	24.85	264	403181	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	223889	95.51	ng	0.00
7) Phenol-d6	7.21	99	311863	92.47	ng	0.00
23) Nitrobenzene-d5	9.18	82	187370	66.27	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	206830	89.59	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	546363	62.23	ng	0.00
79) Terphenyl-d14	20.00	244	1223360	66.62	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	8576	2.783	ng	78
50) Dimethylphthalate	14.10	163	82884	8.821	ng	# 97

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

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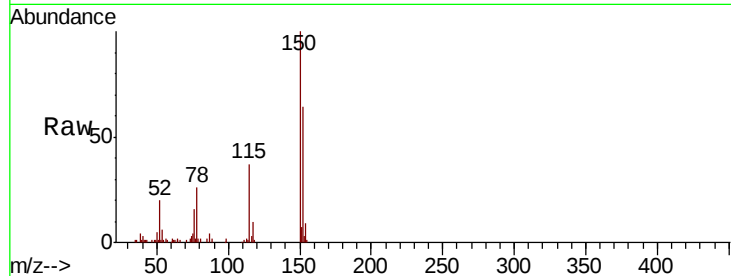


#1

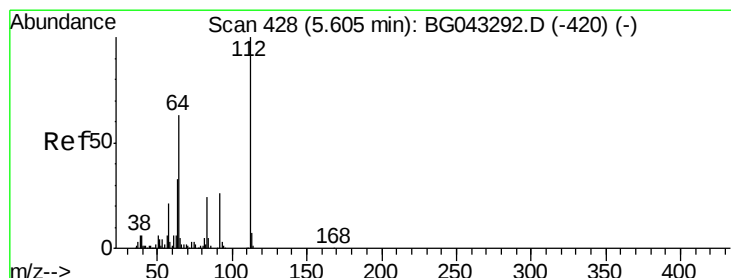
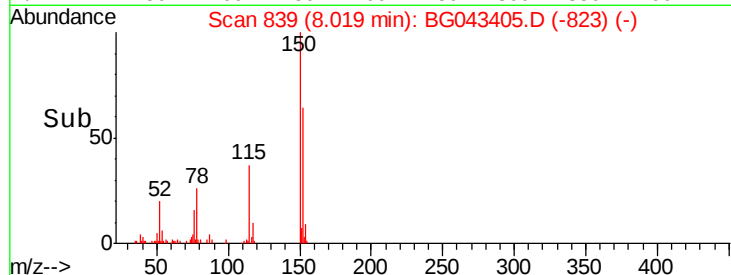
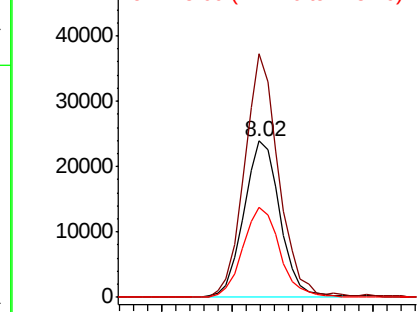
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Instrument :
BNA_G
ClientSampleId :
R-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	113.6	170.4
115	57.7	45.9	68.9



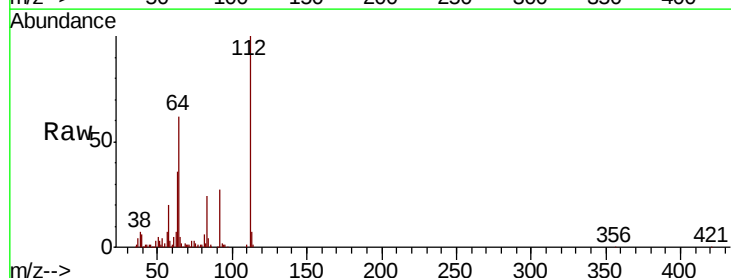
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



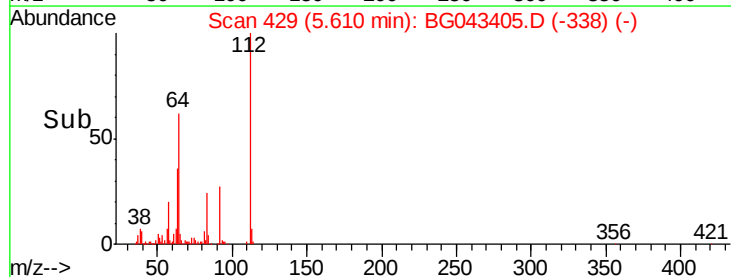
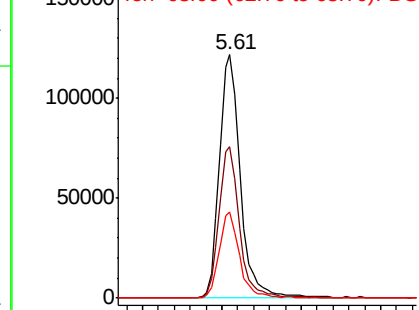
#5

2-Fluorophenol
Concen: 95.515 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.2	75.2
63	35.5	26.7	40.1



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: 92.472 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043405.D

Acq: 30 Oct 2019 17:58

Instrument :

BNA_G

ClientSampleId :

R-1

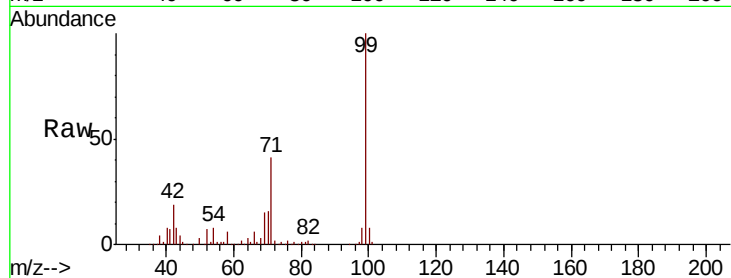
Tot Ion: 99 Resp: 311863

Ion Ratio Lower Upper

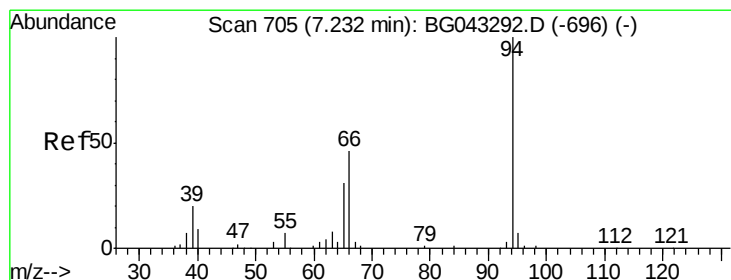
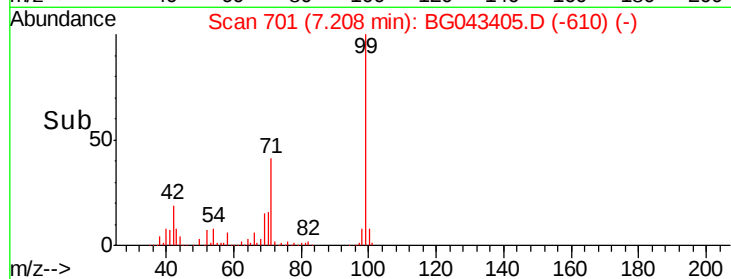
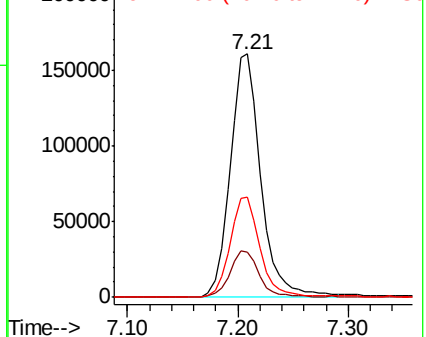
99 100

42 18.6 14.9 22.3

71 41.3 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: 2.783 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043405.D

Acq: 30 Oct 2019 17:58

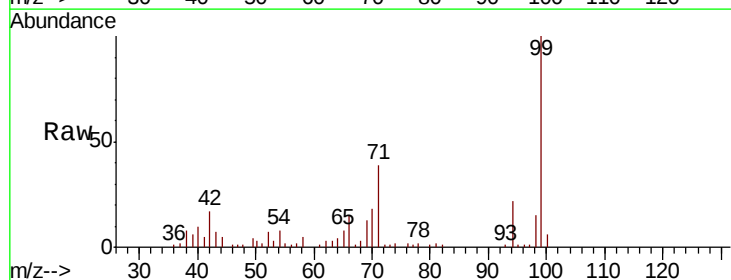
Tgt Ion: 94 Resp: 8576

Ion Ratio Lower Upper

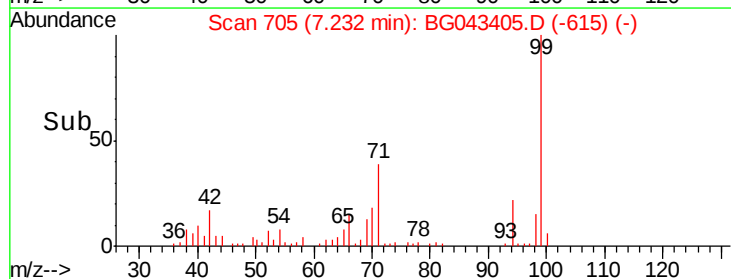
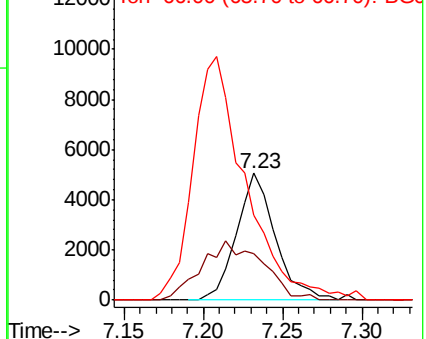
94 100

65 36.9 11.1 51.1

66 67.4 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

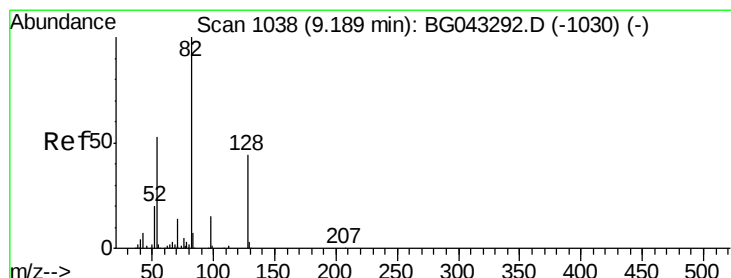
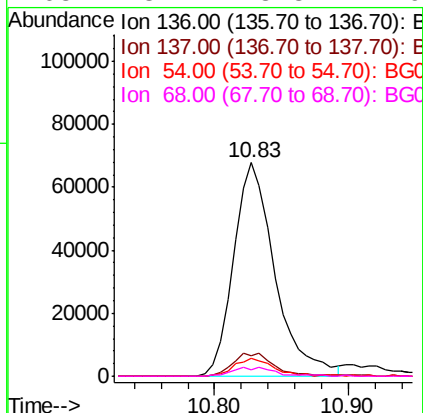
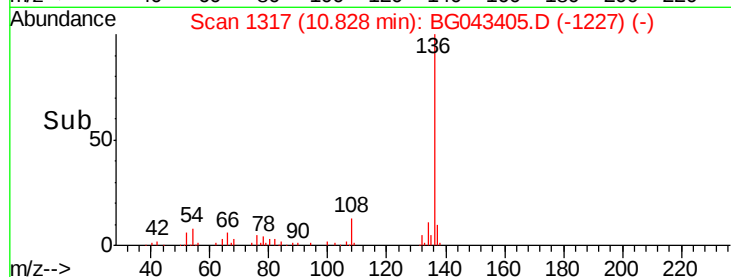
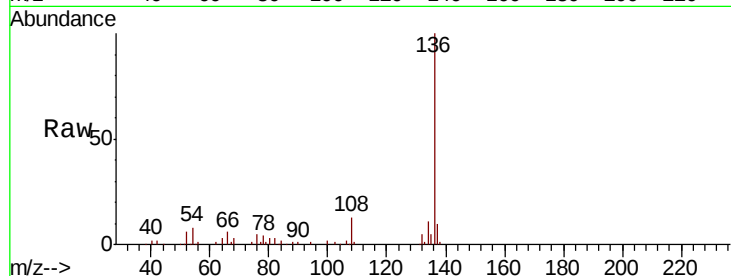




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

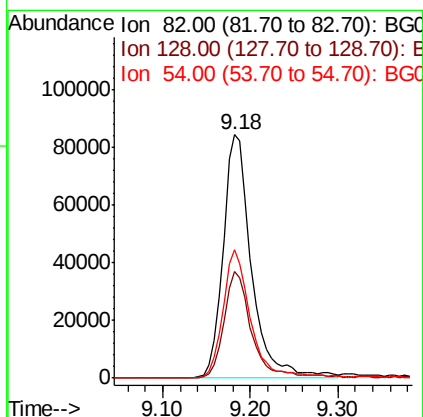
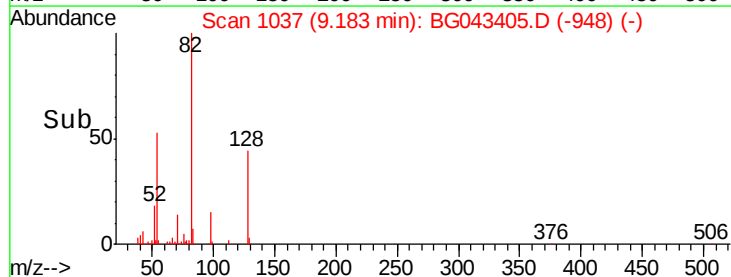
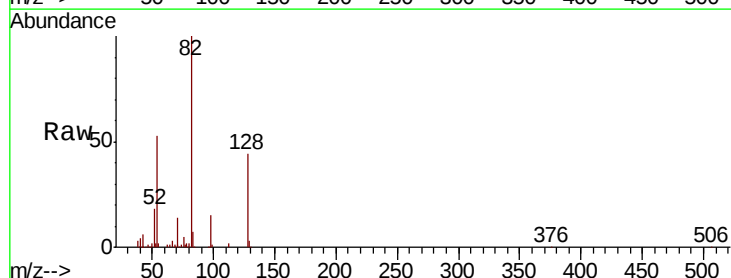
Instrument :
BNA_G
ClientSampleId :
R-1

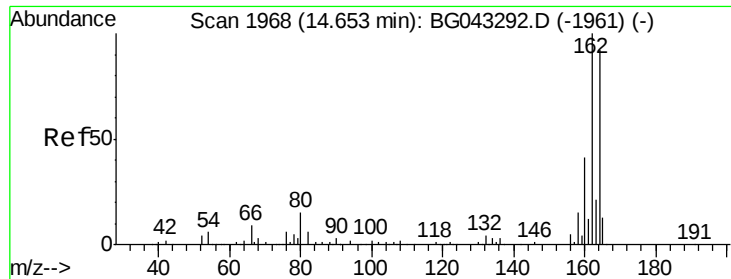
Tot Ion:136	Resp:	145760
Ion	Ratio	Lower Upper
136	100	
137	9.8	8.2 12.2
54	8.2	5.4 8.2#
68	3.2	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 66.272 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion: 82	Resp:	187370
Ion	Ratio	Lower Upper
82	100	
128	43.6	35.3 52.9
54	52.9	42.3 63.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043405.D

Acq: 30 Oct 2019 17:58

Instrument :

BNA_G

ClientSampleId :

R-1

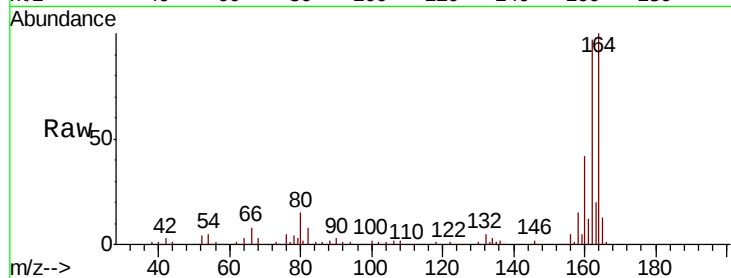
Tot Ion:164 Resp: 121313

Ion Ratio Lower Upper

164 100

162 97.1 87.0 130.4

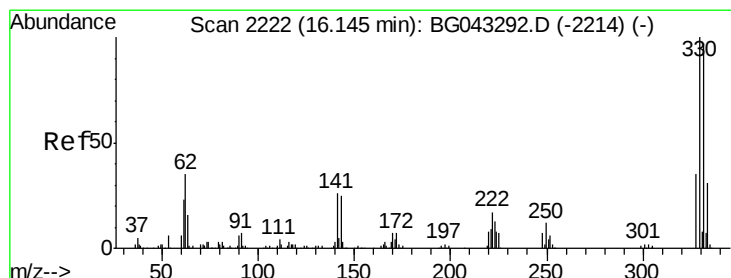
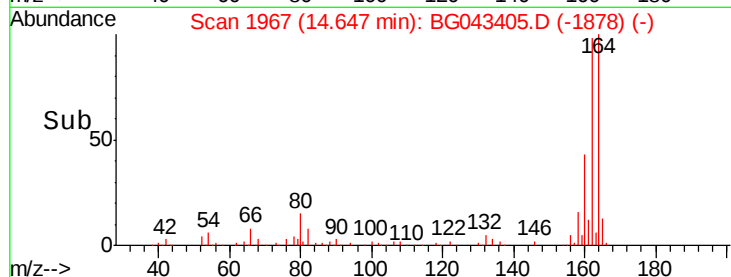
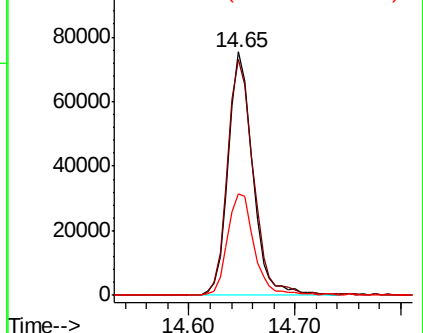
160 42.0 35.5 53.3



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: 89.591 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043405.D

Acq: 30 Oct 2019 17:58

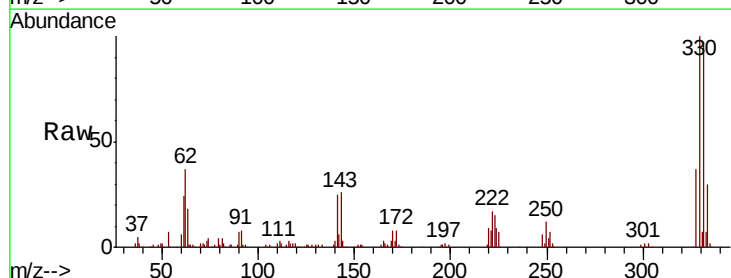
Tgt Ion:330 Resp: 206830

Ion Ratio Lower Upper

330 100

332 94.8 76.4 114.6

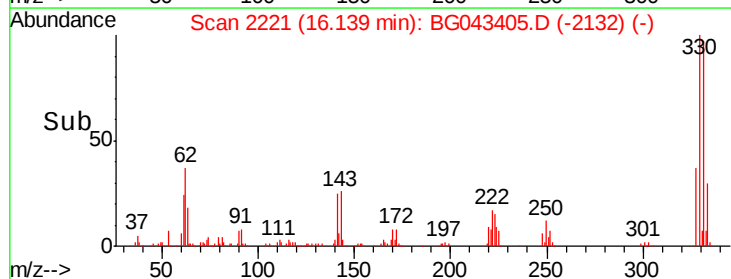
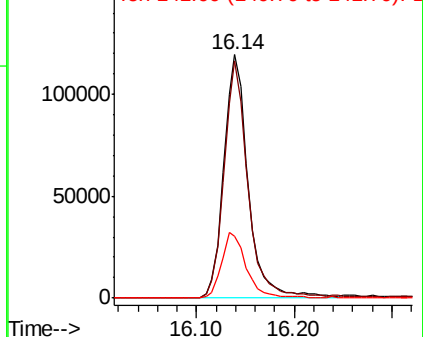
141 27.5 21.4 32.0

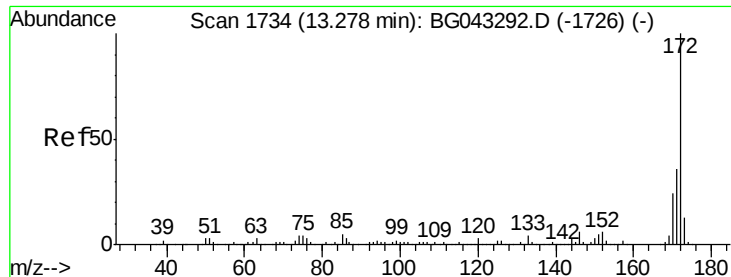


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

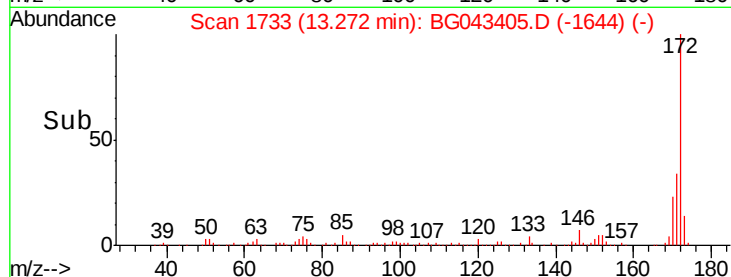
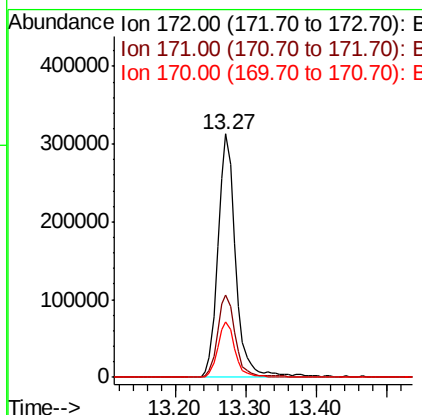
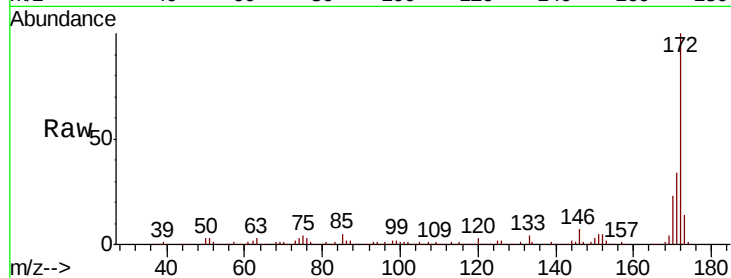




#45
2-Fluorobiphenyl
Concen: 62.233 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

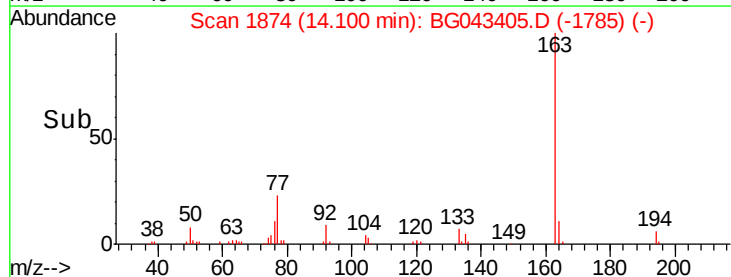
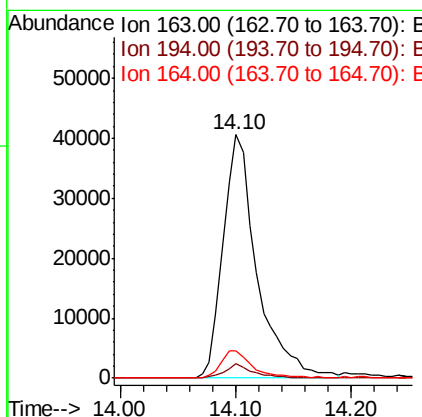
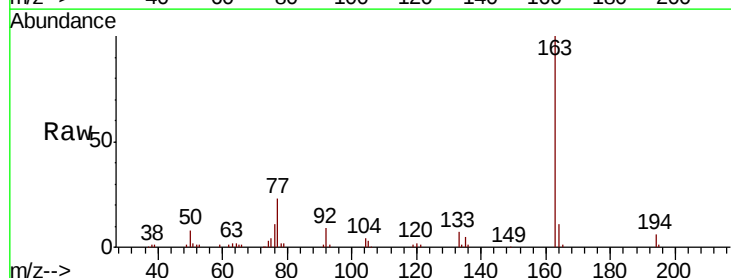
Instrument :
BNA_G
ClientSampleId :
R-1

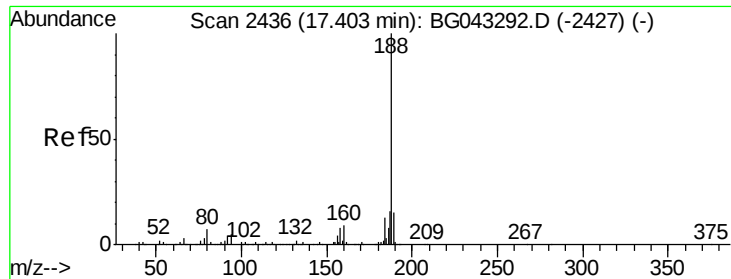
Tot Ion:172 Resp: 546363
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 22.5 18.8 28.2



#50
Dimethylphthalate
Concen: 8.821 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion:163 Resp: 82884
Ion Ratio Lower Upper
163 100
194 5.8 3.7 5.5#
164 11.2 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: BG043405.D

Acq: 30 Oct 2019 17:58

Instrument :

BNA_G

ClientSampleId :

R-1

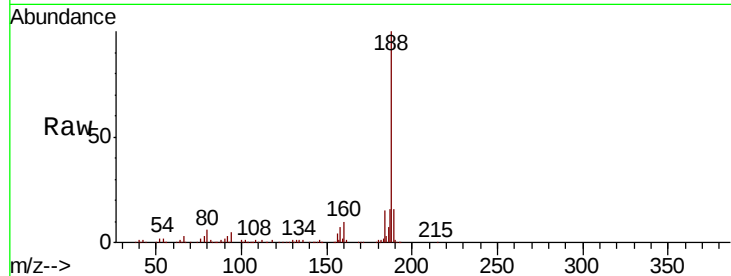
Tot Ion:188 Resp: 293789

Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.2

80 6.5 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

17.40

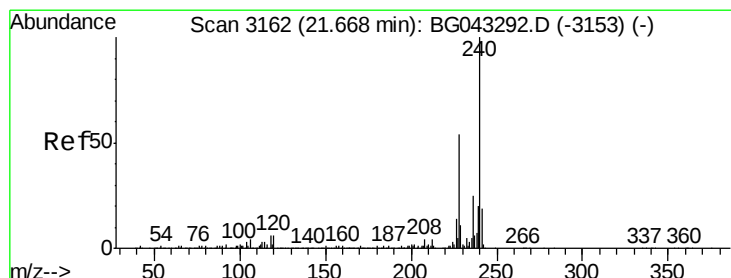
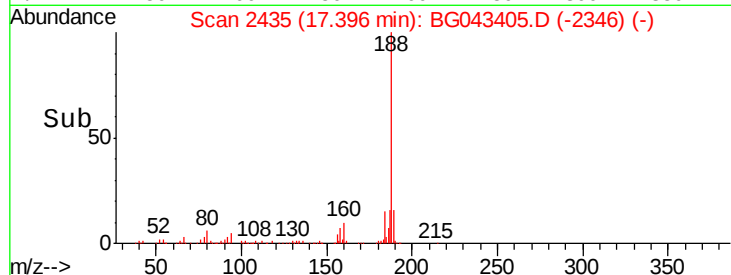
150000

100000

50000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043405.D

Acq: 30 Oct 2019 17:58

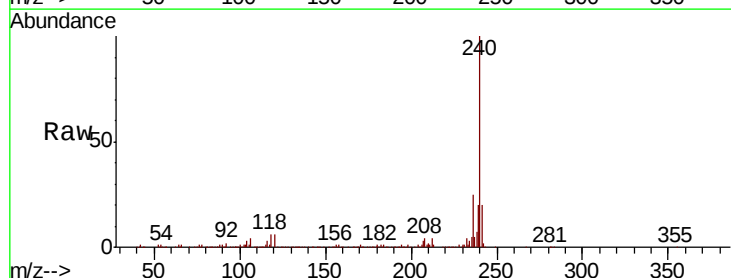
Tgt Ion:240 Resp: 344516

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

236 25.4 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

21.66

250000

200000

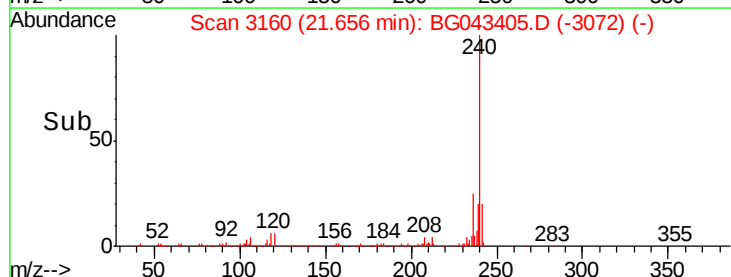
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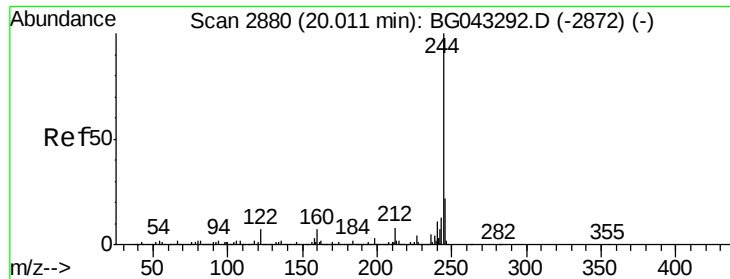
100000

50000

0

Time-->





#79

Terphenyl-d14

Concen: 66.618 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043405.D

Acq: 30 Oct 2019 17:58

Instrument :

BNA_G

ClientSampled :

R-1

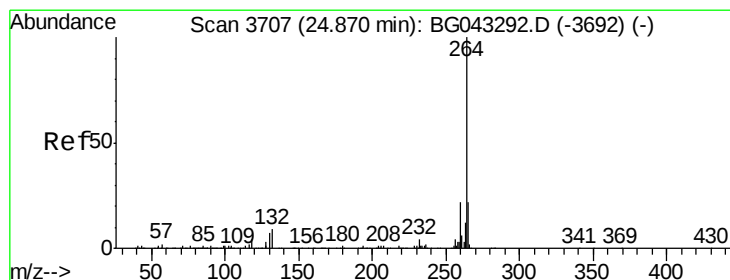
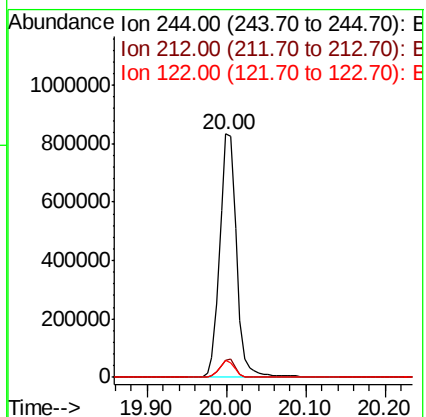
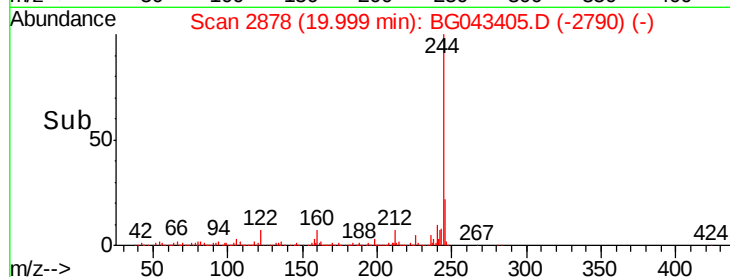
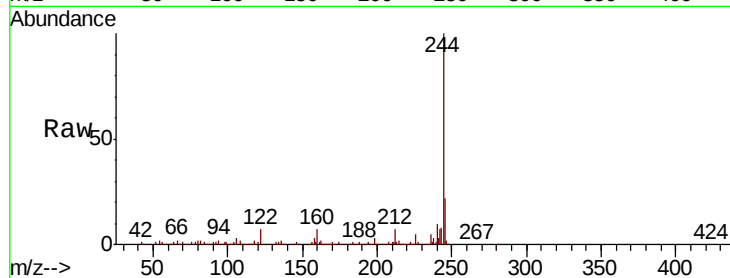
Tot Ion:244 Resp: 1223360

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	6.8	5.3	7.9

244 100

212 7.1 6.4 9.6

122 6.8 5.3 7.9



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043405.D

Acq: 30 Oct 2019 17:58

Tgt Ion:264 Resp: 403181

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.9	26.9
265	21.8	17.4	26.2

264 100

260 24.3 17.9 26.9

265 21.8 17.4 26.2

