

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
 Data File : BG043287.D
 Acq On : 18 Oct 2019 22:35
 Operator : JU
 Sample : K5410-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TI-604

Quant Time: Oct 19 01:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

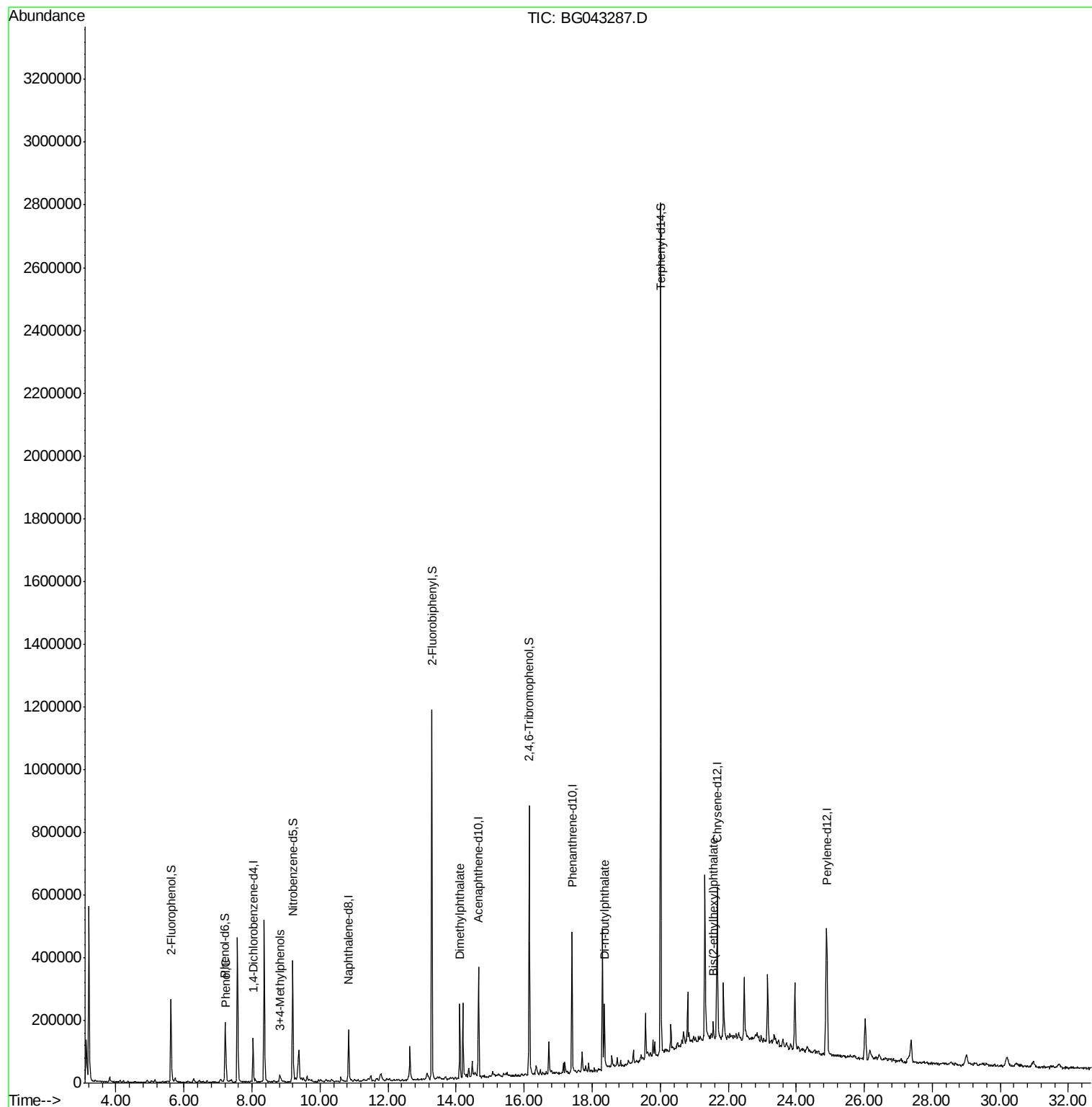
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43932	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	162926	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	118905	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	281005	20.00	ng	-0.01
76) Chrysene-d12	21.67	240	317376	20.00	ng	-0.02
87) Perylene-d12	24.89	264	378670	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	131396	53.38	ng	-0.02
7) Phenol-d6	7.21	99	120414	33.97	ng	-0.02
23) Nitrobenzene-d5	9.20	82	257546	76.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	199626	97.63	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	695419	84.79	ng	-0.02
79) Terphenyl-d14	20.02	244	1396627	93.77	ng	-0.01
Target Compounds						
10) Phenol	7.24	94	24769	7.616	ng	96
20) 3+4-Methylphenols	8.82	107	11860	3.803	ng	93
50) Dimethylphthalate	14.11	163	155210	17.421	ng	97
74) Di-n-butylphthalate	18.36	149	134475	8.875	ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	22221	2.172	ng	92

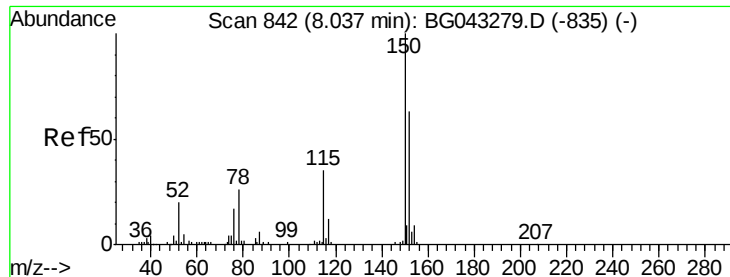
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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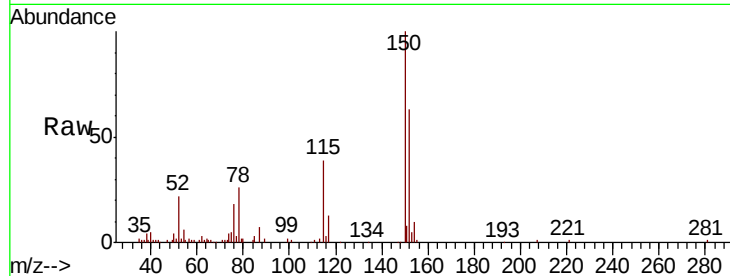


#1

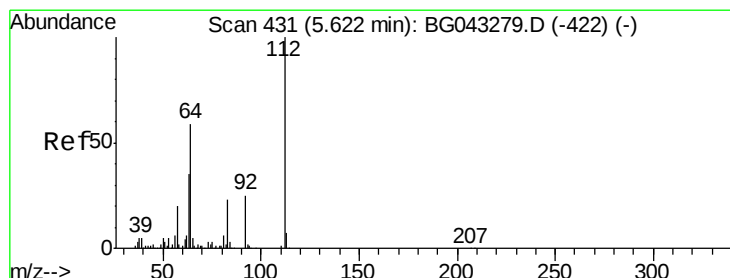
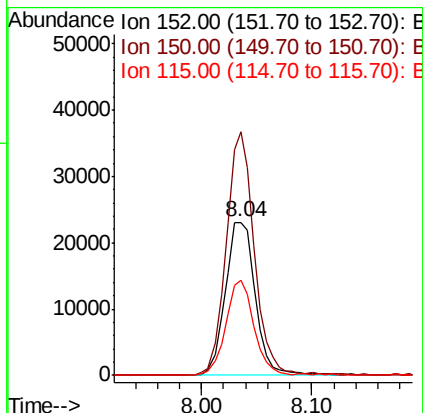
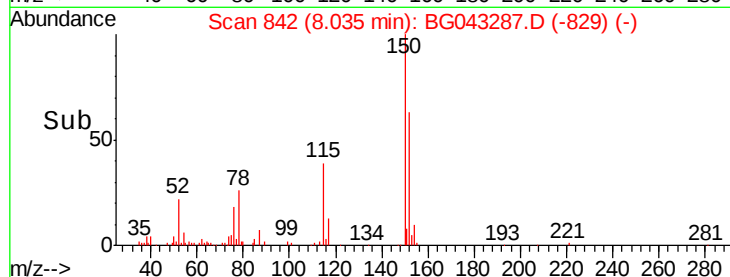
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043287.D
Acq: 18 Oct 2019 22:35

Instrument :
BNA_G
ClientSampleId :
TI-604

Tot Ion:152 Resp: 43932
Ion Ratio Lower Upper
152 100
150 159.1 115.0 172.4
115 62.2 47.0 70.6



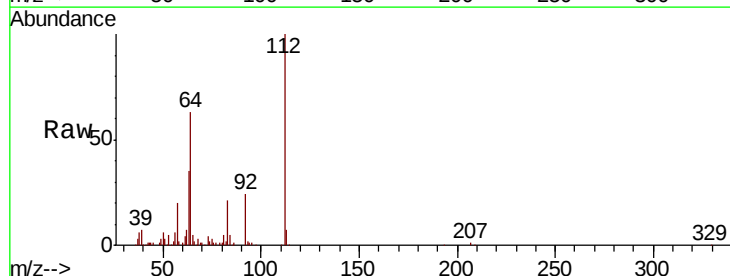
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



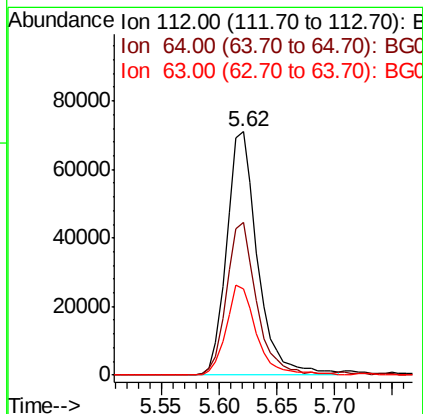
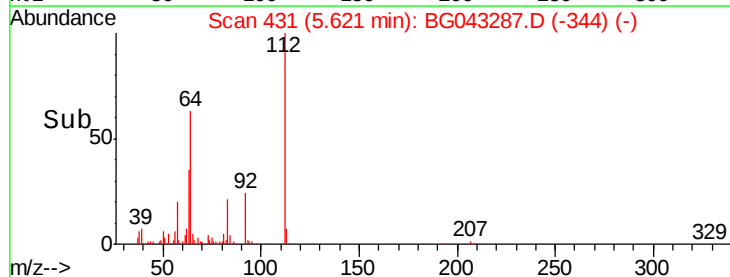
#5

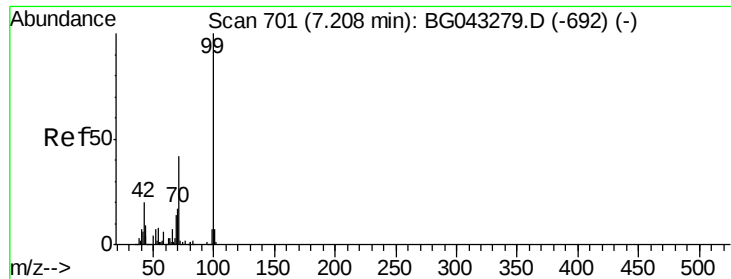
2-Fluorophenol
Concen: 53.376 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.02 min
Lab File: BG043287.D
Acq: 18 Oct 2019 22:35

Tgt Ion:112 Resp: 131396
Ion Ratio Lower Upper
112 100
64 62.5 56.6 84.8
63 35.2 35.1 52.7



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: 33.967 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG043287.D

Acq: 18 Oct 2019 22:35

Instrument :

BNA_G

ClientSampleId :

TI-604

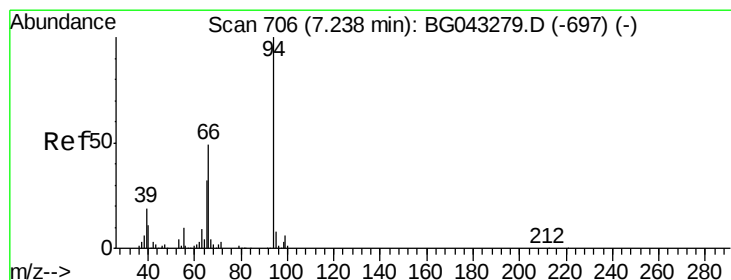
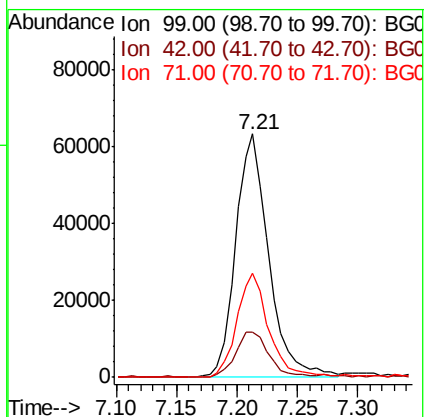
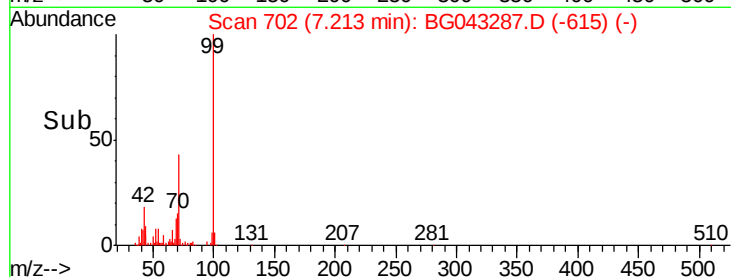
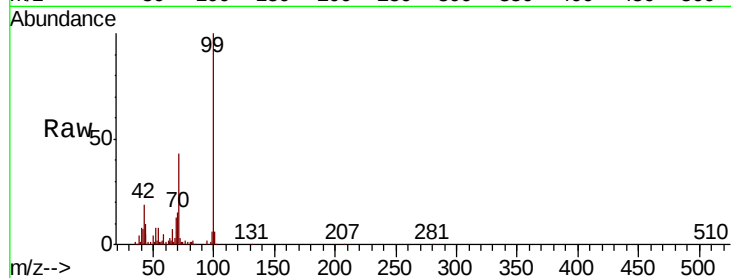
Tot Ion: 99 Resp: 120414

Ion Ratio Lower Upper

99 100

42 18.6 17.2 25.8

71 42.7 33.1 49.7



#10

Phenol

Concen: 7.616 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG043287.D

Acq: 18 Oct 2019 22:35

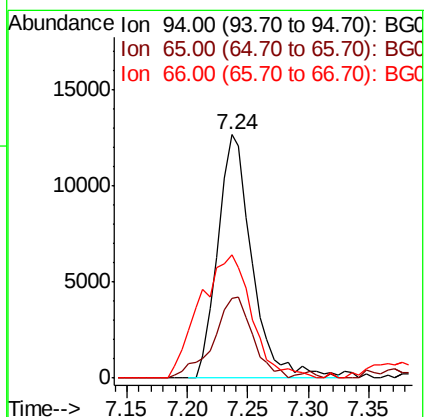
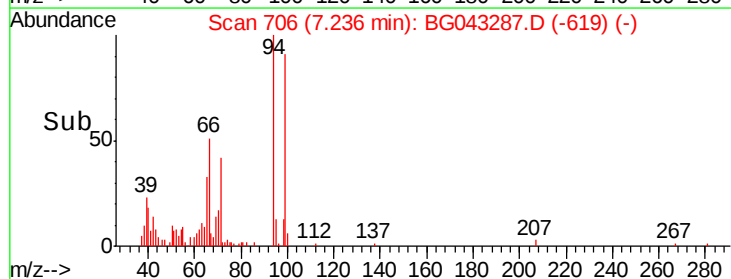
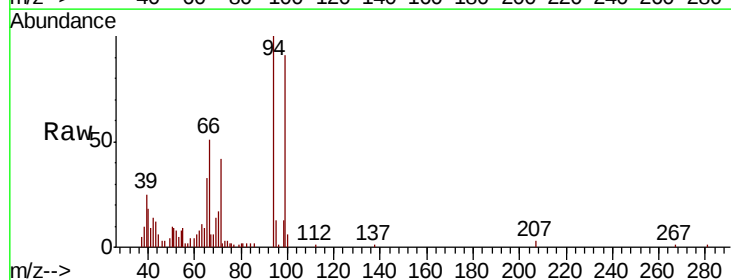
Tgt Ion: 94 Resp: 24769

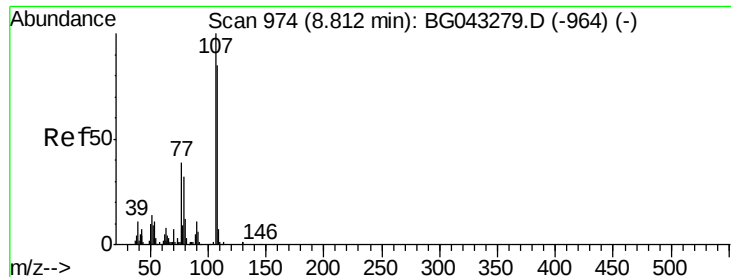
Ion Ratio Lower Upper

94 100

65 32.8 16.6 56.6

66 50.7 32.4 72.4





#20

3+4-Methylphenols

Concen: 3.803 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG043287.D

Acq: 18 Oct 2019 22:35

Instrument :

BNA_G

ClientSampleId :

TI-604

Tot Ion:107 Resp: 11860

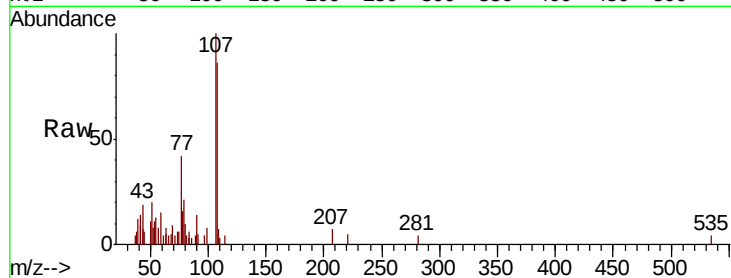
Ion Ratio Lower Upper

107 100

108 85.6 64.9 104.9

77 41.5 19.4 59.4

79 21.3 16.2 56.2

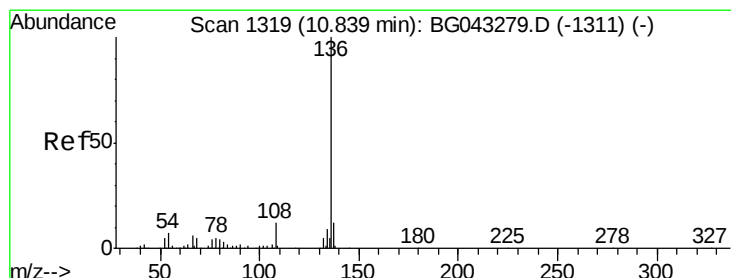
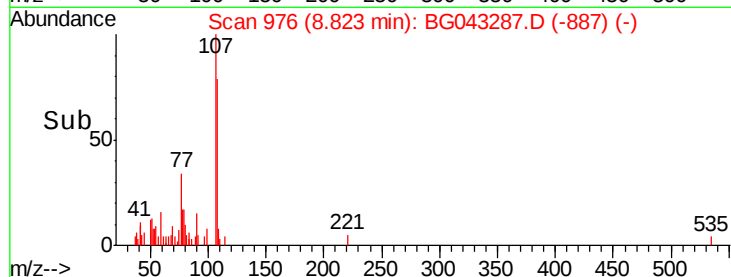
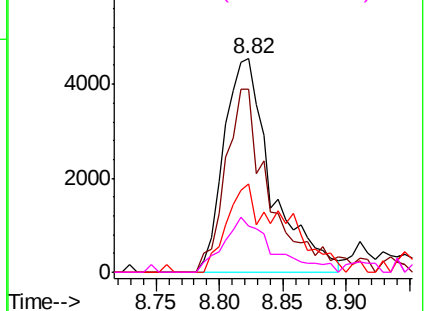


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BG043287.D

Acq: 18 Oct 2019 22:35

Tgt Ion:136 Resp: 162926

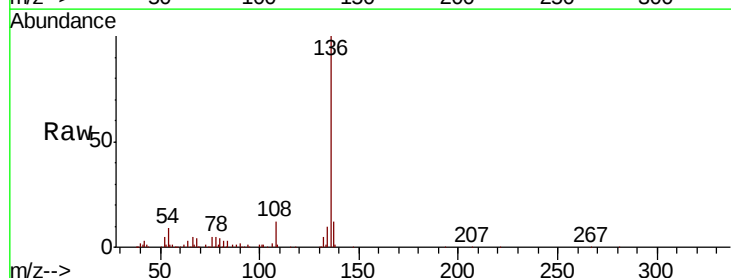
Ion Ratio Lower Upper

136 100

137 12.3 8.5 12.7

54 8.6 7.4 11.2

68 3.6 3.6 5.4#

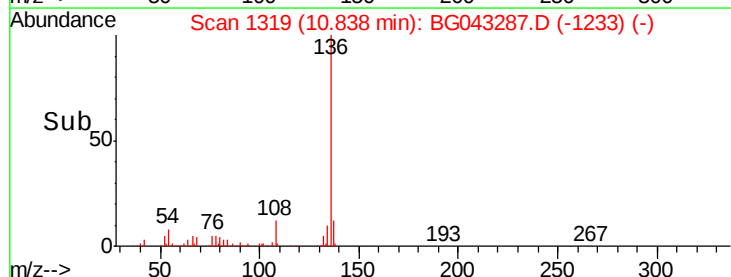
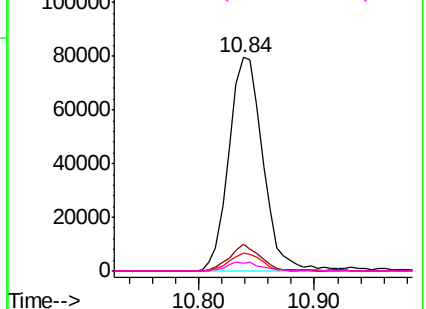


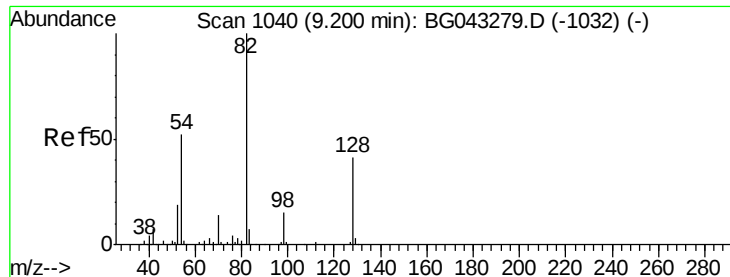
Abundance Ion 136.00 (135.70 to 136.70): E

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

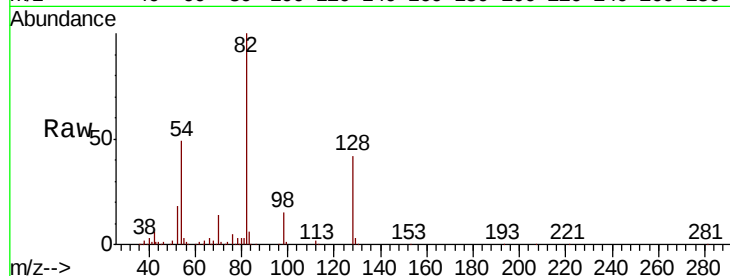




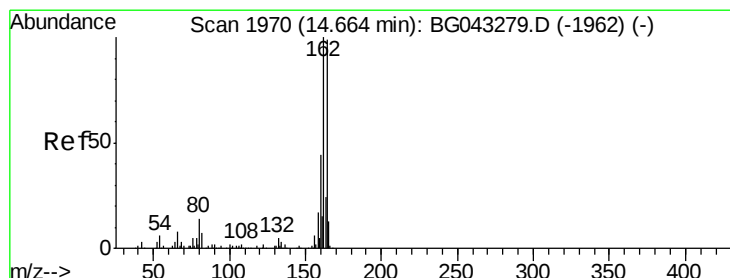
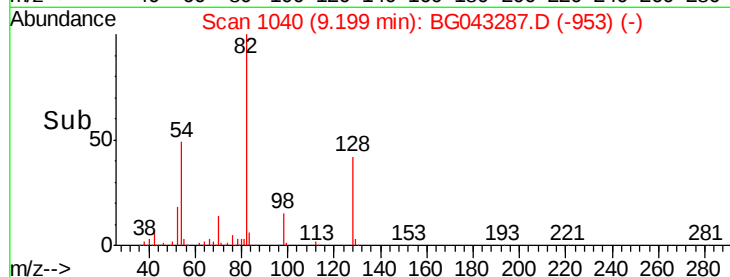
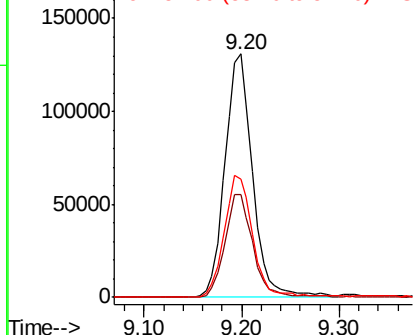
#23
Nitrobenzene-d5
Concen: 76.833 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043287.D
Acq: 18 Oct 2019 22:35

Instrument :
BNA_G
ClientSampleId :
TI-604

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	29.5	44.3
54	48.8	44.6	67.0

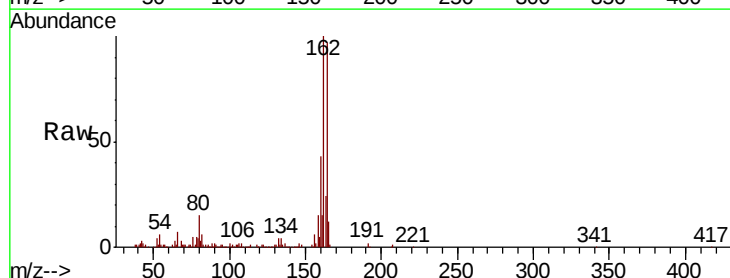


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

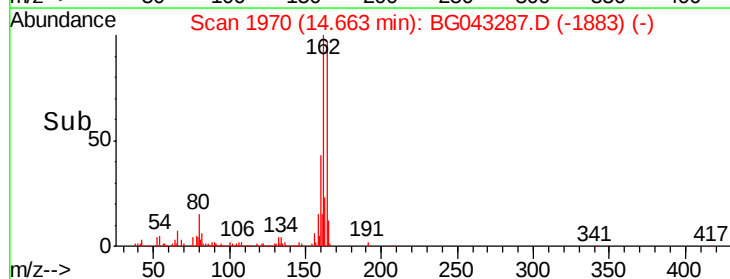
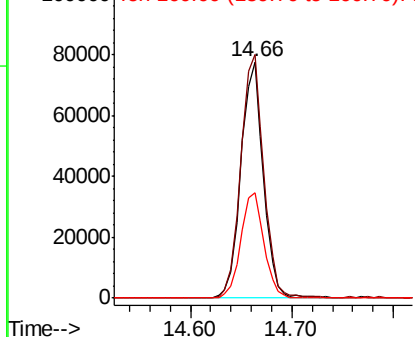


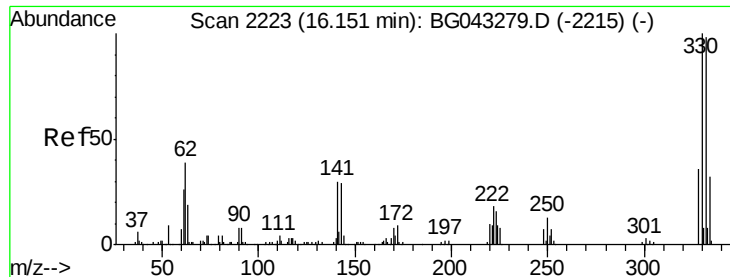
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BG043287.D
Acq: 18 Oct 2019 22:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.5	117.7
160	44.5	35.9	53.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

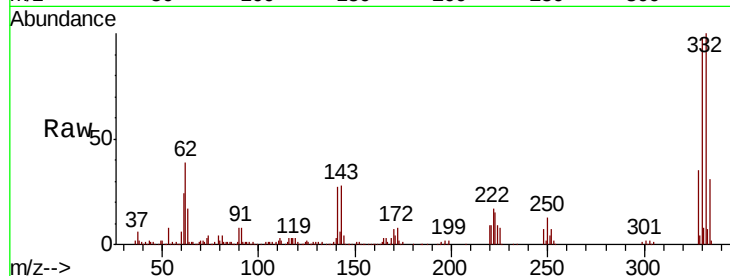




#42
 2,4,6-Tribromophenol
 Concen: 97.634 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BG043287.D
 Acq: 18 Oct 2019 22:35

Instrument :
 BNA_G
 ClientSampleId :
 TI-604

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.2	117.2
141	27.5	26.0	39.0

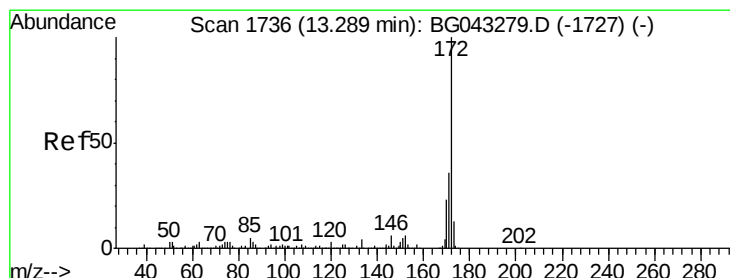
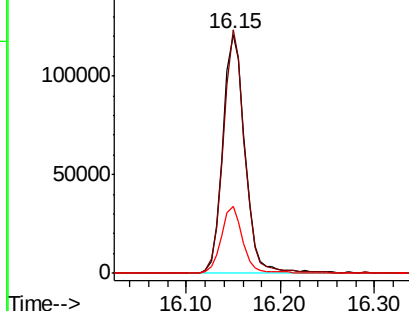
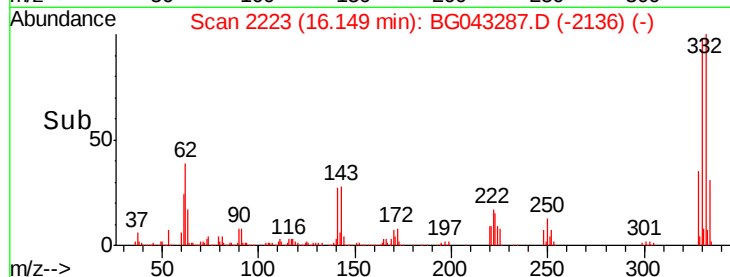


Abundance

Ion 329.80 (329.50 to 330.50): E

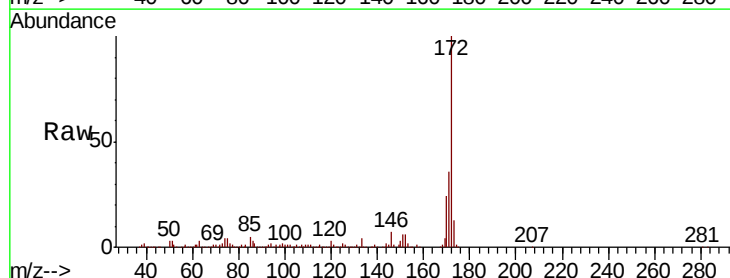
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.786 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG043287.D
 Acq: 18 Oct 2019 22:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.6	19.6	29.4

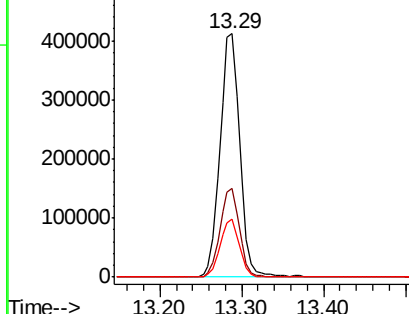
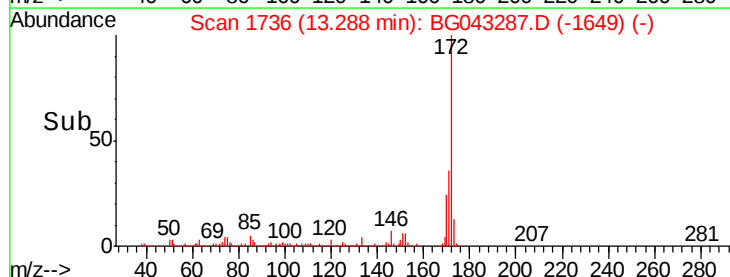


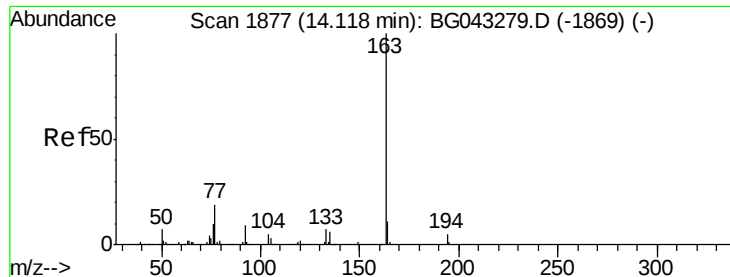
Abundance

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: 17.421 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG043287.D

Acq: 18 Oct 2019 22:35

Instrument :

BNA_G

ClientSampleId :

TI-604

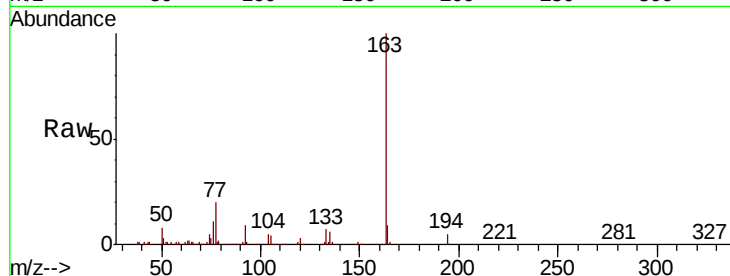
Tot Ion:163 Resp: 155210

Ion Ratio Lower Upper

163 100

194 4.8 4.4 6.6

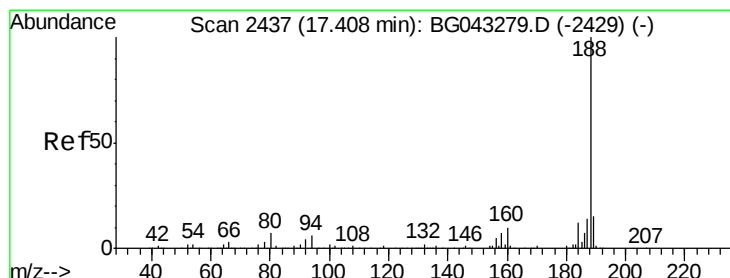
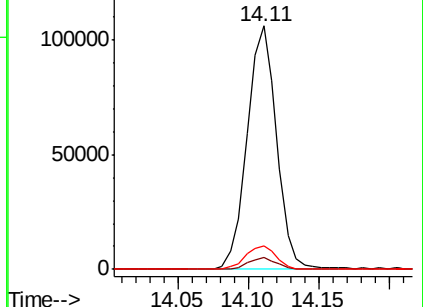
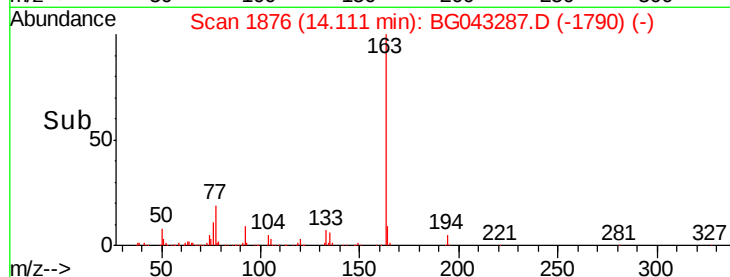
164 9.5 8.6 12.8



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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG043287.D

Acq: 18 Oct 2019 22:35

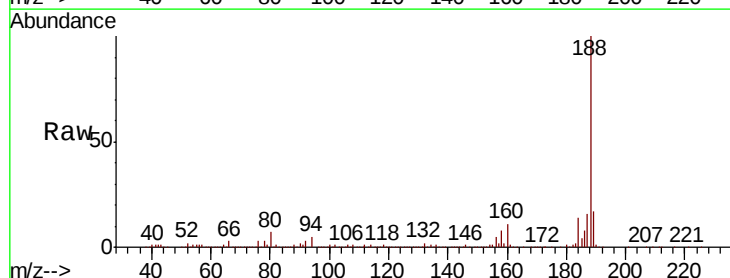
Tgt Ion:188 Resp: 281005

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

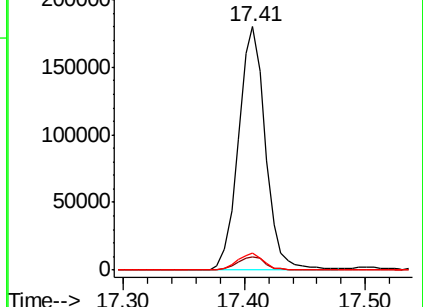
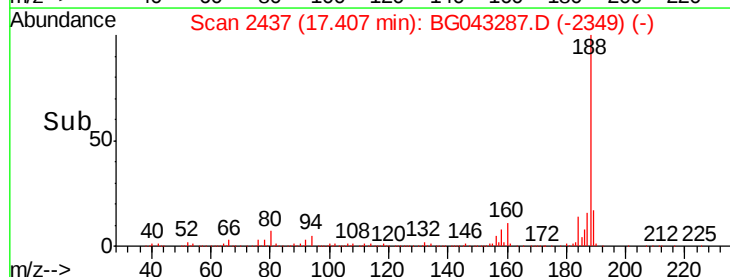
80 7.2 6.5 9.7

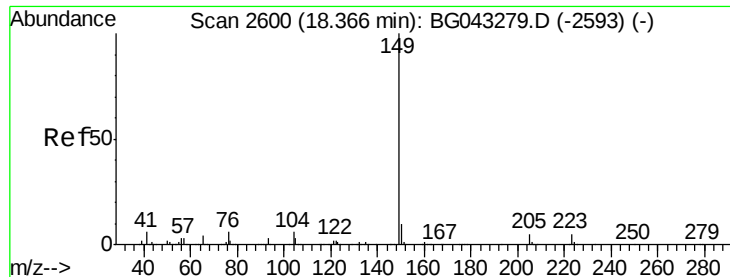


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Di-n-butylphthalate

Concen: 8.875 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG043287.D

Acq: 18 Oct 2019 22:35

Instrument :

BNA_G

ClientSampleId :

TI-604

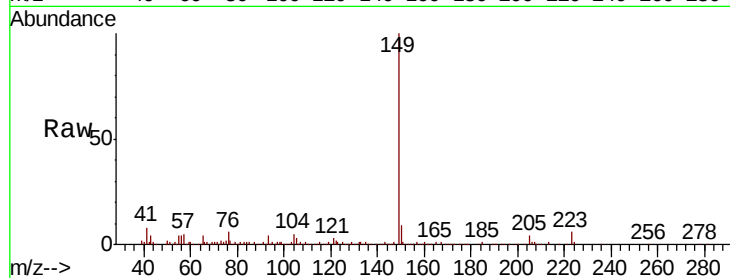
Tot Ion:149 Resp: 134475

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

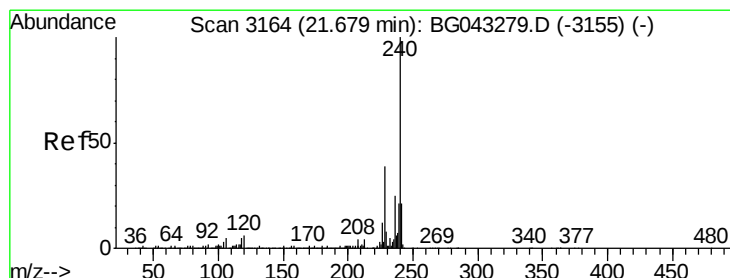
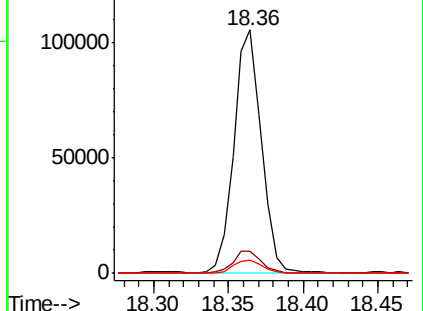
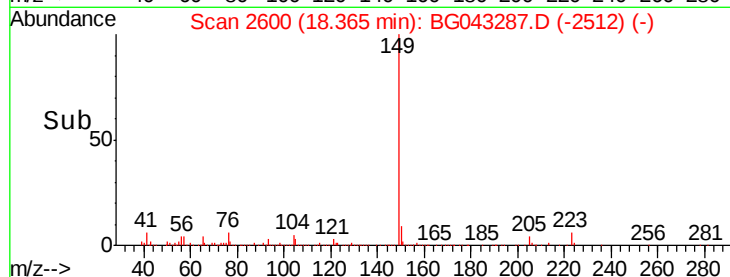
104 5.2 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.02 min

Lab File: BG043287.D

Acq: 18 Oct 2019 22:35

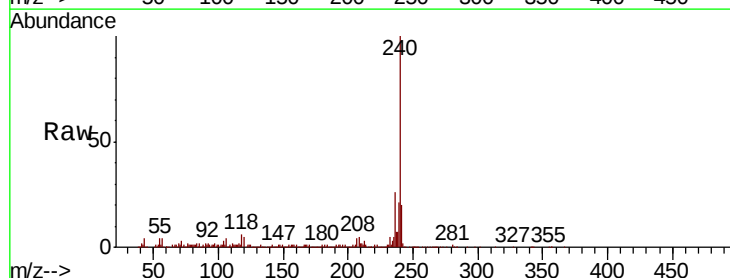
Tgt Ion:240 Resp: 317376

Ion Ratio Lower Upper

240 100

120 5.3 4.8 7.2

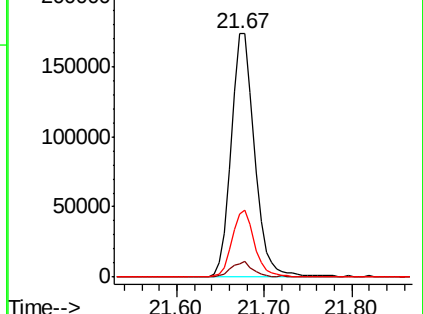
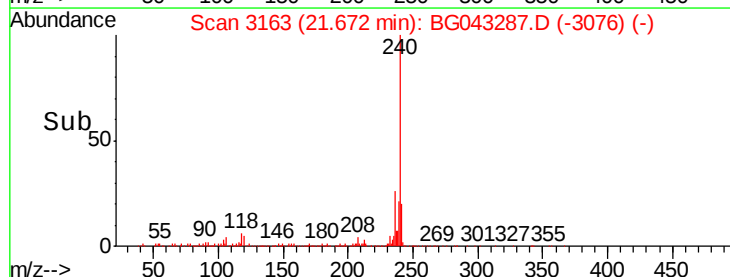
236 26.1 21.4 32.0

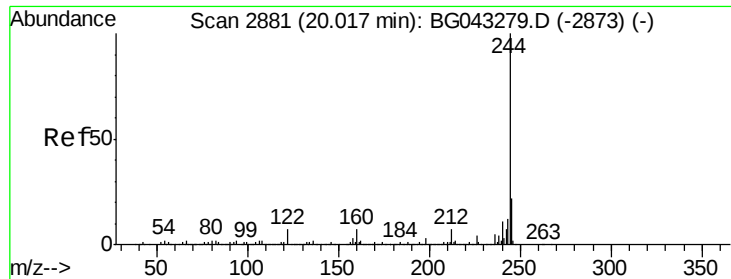


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.770 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG043287.D

Acq: 18 Oct 2019 22:35

Instrument :

BNA_G

ClientSampled :

TI-604

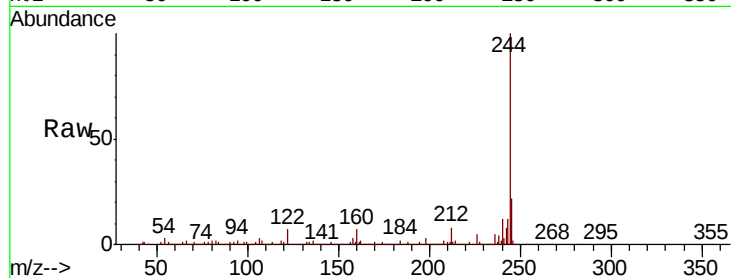
Tot Ion:244 Resp: 1396627

Ion Ratio Lower Upper

244 100

212 7.6 7.4 11.0

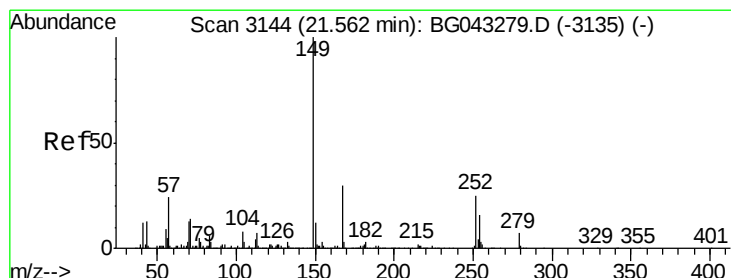
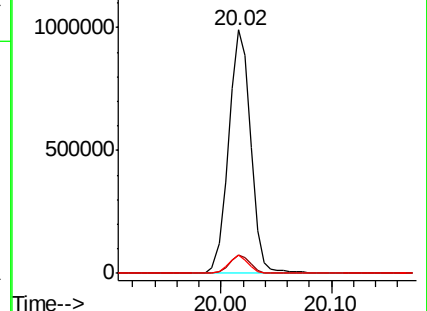
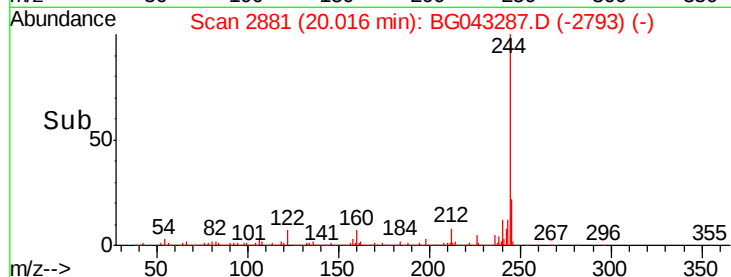
122 7.3 7.0 10.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.172 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG043287.D

Acq: 18 Oct 2019 22:35

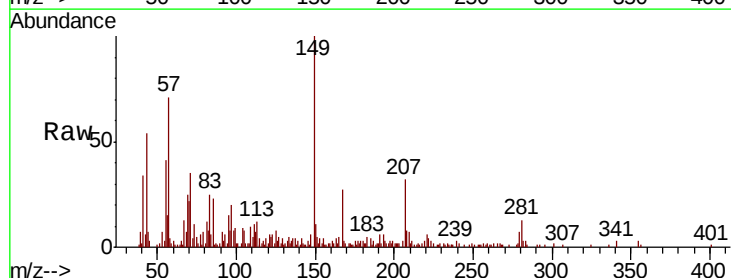
Tgt Ion:149 Resp: 22221

Ion Ratio Lower Upper

149 100

167 26.8 25.4 38.2

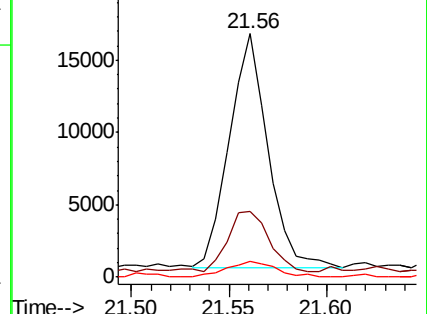
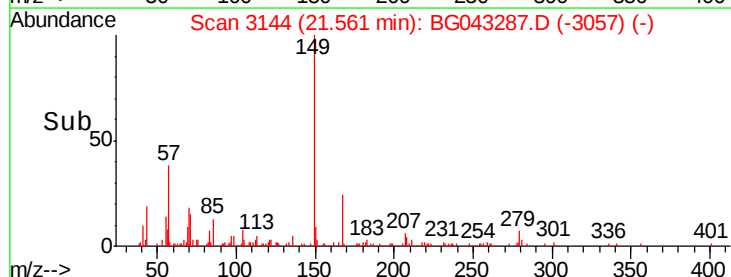
279 6.6 5.1 7.7

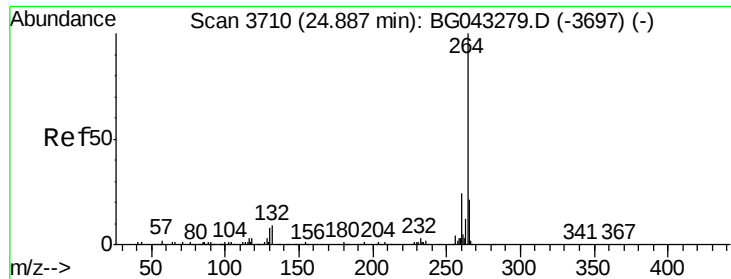


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG043287.D
Acq: 18 Oct 2019 22:35

Instrument :
BNA_G
ClientSampleId :
TI-604

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.7	28.1
265	23.6	17.7	26.5

