

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
 Data File : BG043280.D
 Acq On : 18 Oct 2019 18:06
 Operator : JU
 Sample : K5406-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-18

Quant Time: Oct 19 01:02:05 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

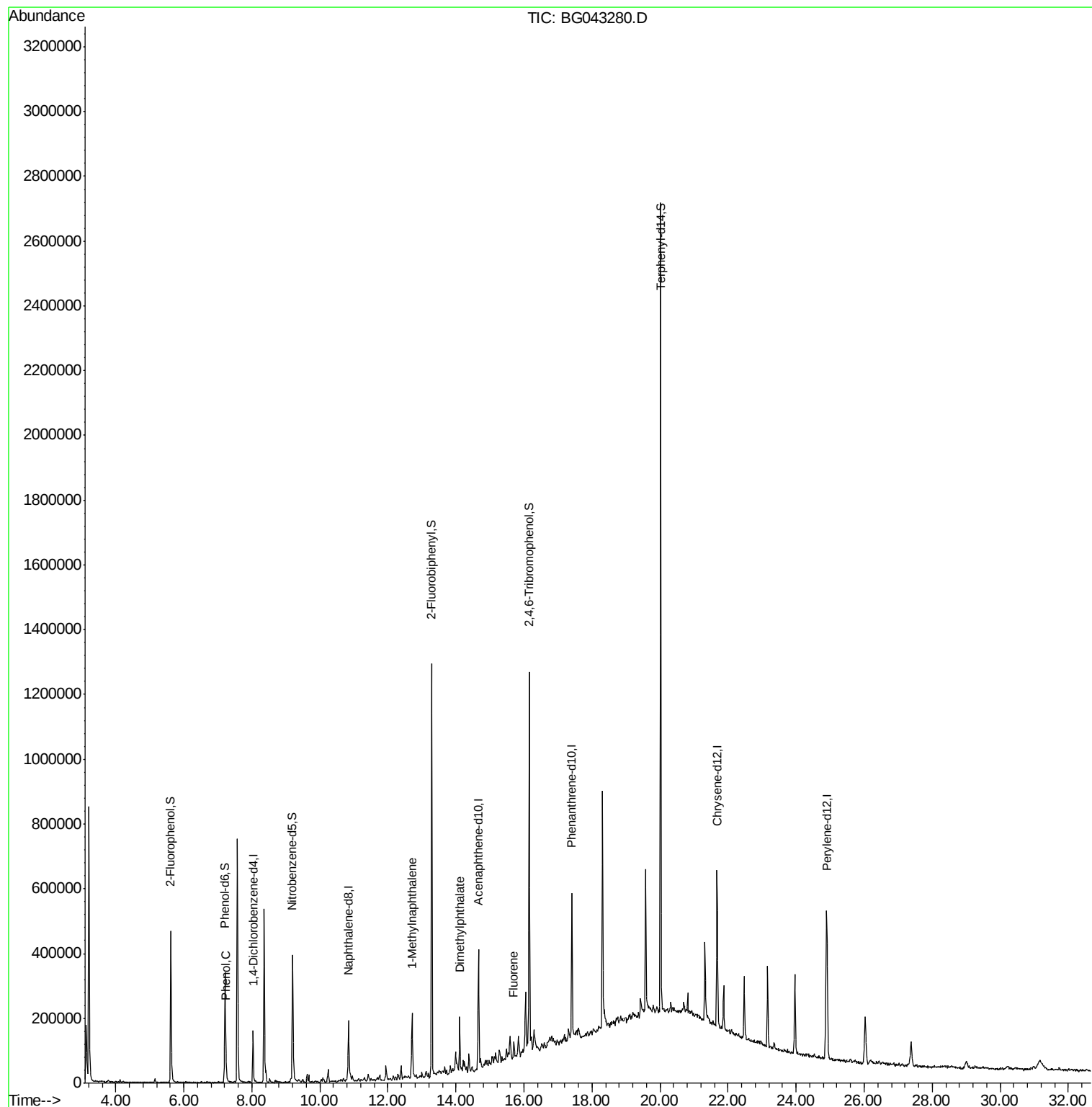
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48983	20.00	ng	-0.03
21) Naphthalene-d8	10.84	136	184757	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	134342	20.00	ng	-0.02
64) Phenanthrene-d10	17.40	188	285623	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	314724	20.00	ng	-0.01
87) Perylene-d12	24.89	264	383187	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	222547	81.08	ng	-0.02
7) Phenol-d6	7.21	99	219325	55.49	ng	-0.02
23) Nitrobenzene-d5	9.20	82	277833	73.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	280078	121.24	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	712847	76.92	ng	-0.02
79) Terphenyl-d14	20.02	244	1301724	88.13	ng	0.00
Target Compounds						
10) Phenol	7.24	94	32596	8.989	ng	91
38) 1-Methylnaphthalene	12.71	142	95531	14.551	ng	92
50) Dimethylphthalate	14.11	163	118400	11.763	ng	97
58) Fluorene	15.71	166	22924	2.320	ng	# 96

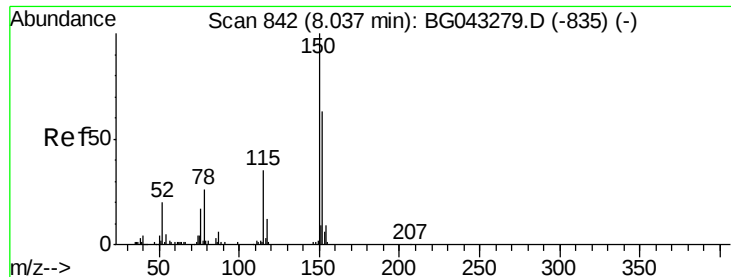
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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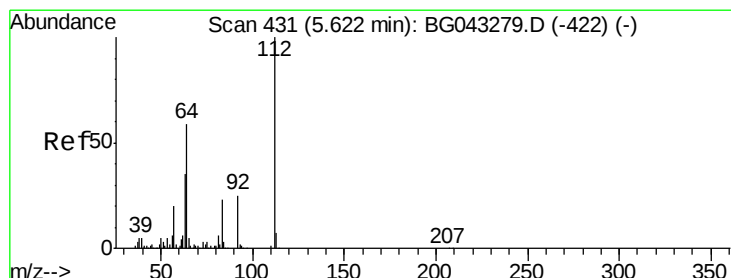
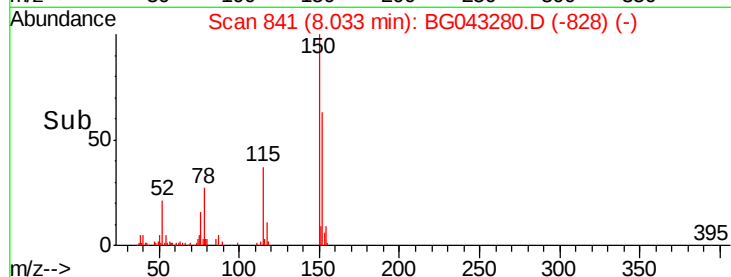
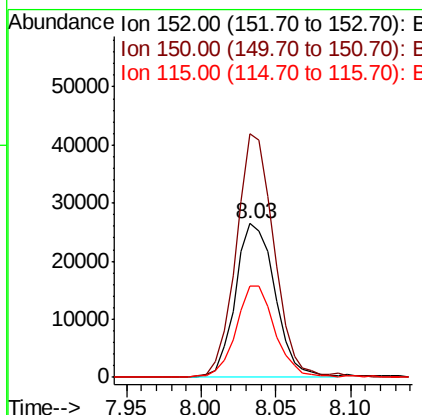
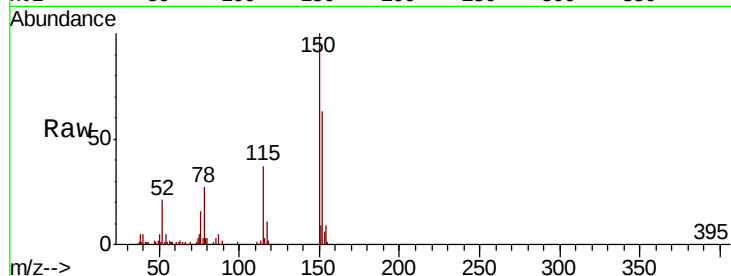


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.03 min
Lab File: BG043280.D
Acq: 18 Oct 2019 18:06

Instrument :
BNA_G
ClientSampleId :
MW-18

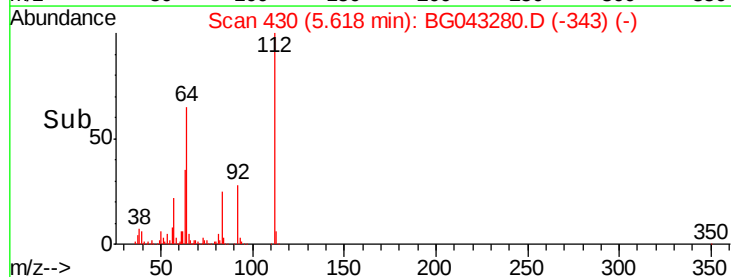
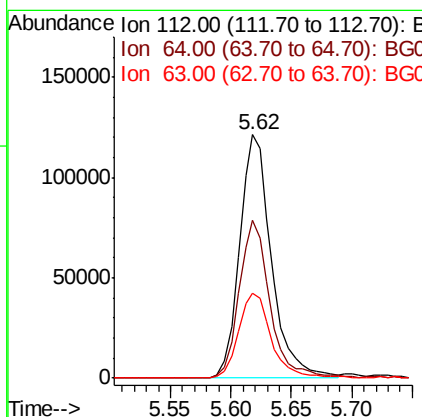
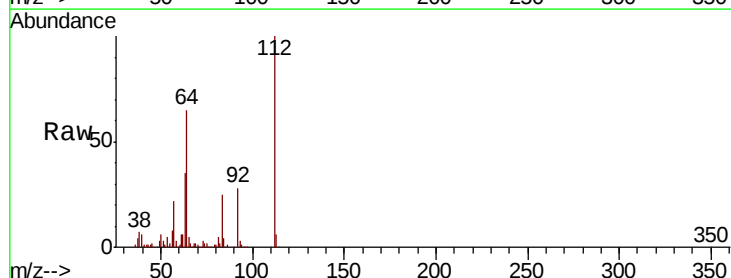
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	115.0	172.4
115	59.3	47.0	70.6

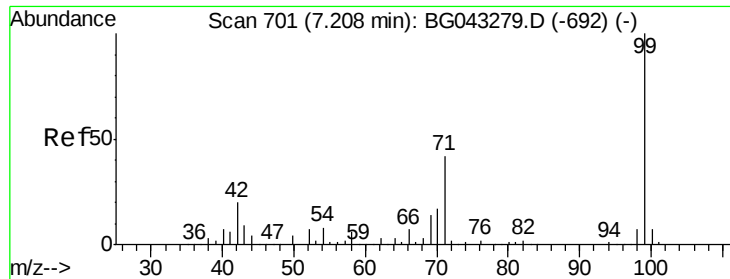


#5

2-Fluorophenol
Concen: 81.082 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.02 min
Lab File: BG043280.D
Acq: 18 Oct 2019 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	56.6	84.8
63	34.7	35.1	52.7#





#7

Phenol-d6

Concen: 55.489 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG043280.D

Acq: 18 Oct 2019 18:06

Instrument :

BNA_G

ClientSampled :

MW-18

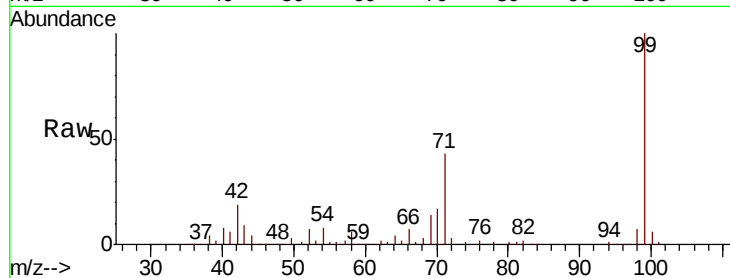
Tot Ion: 99 Resp: 219325

Ion Ratio Lower Upper

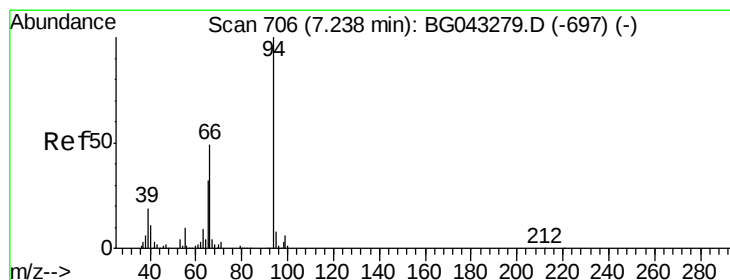
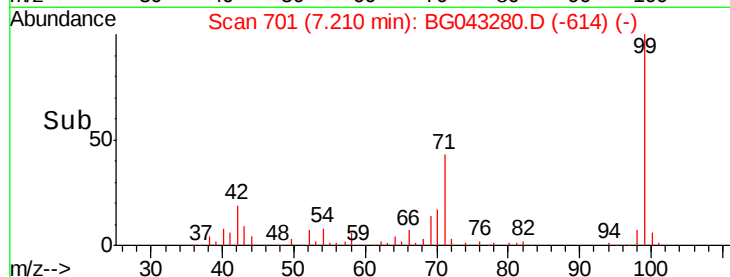
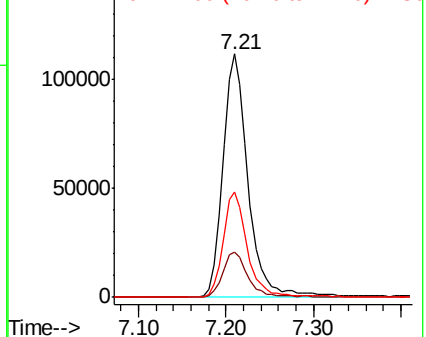
99 100

42 18.8 17.2 25.8

71 43.2 33.1 49.7



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: 8.989 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043280.D

Acq: 18 Oct 2019 18:06

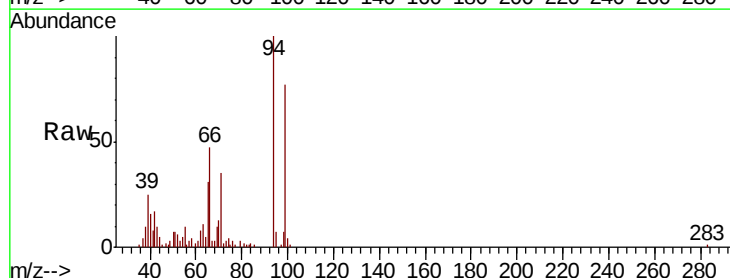
Tgt Ion: 94 Resp: 32596

Ion Ratio Lower Upper

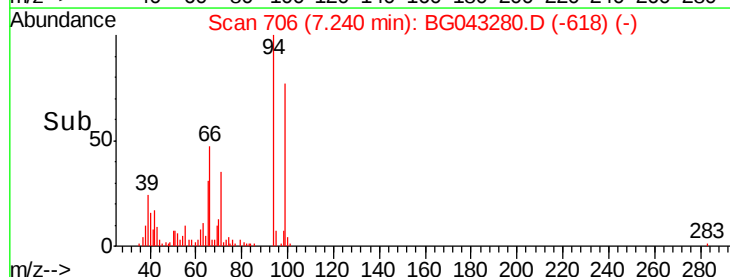
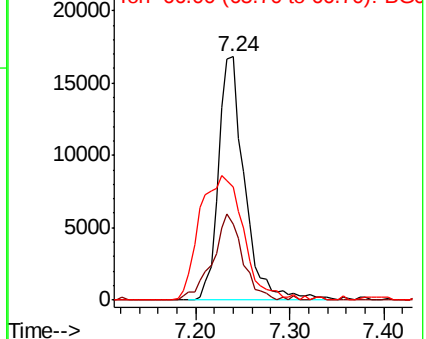
94 100

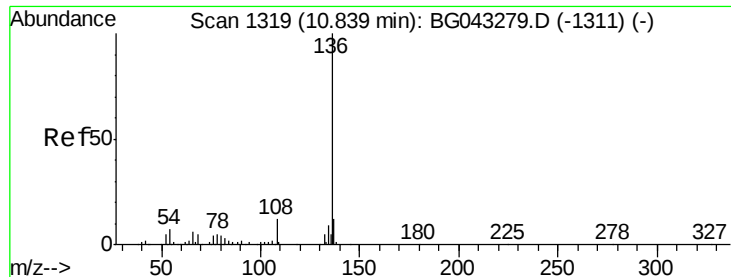
65 31.0 16.6 56.6

66 46.6 32.4 72.4



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

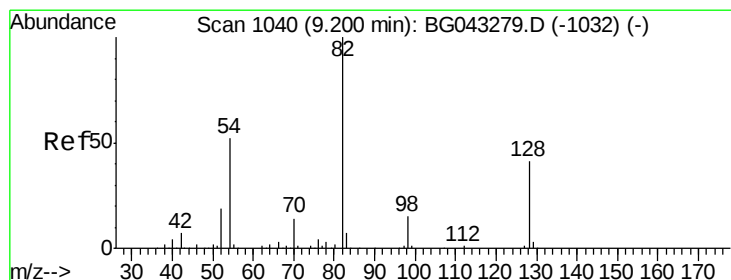
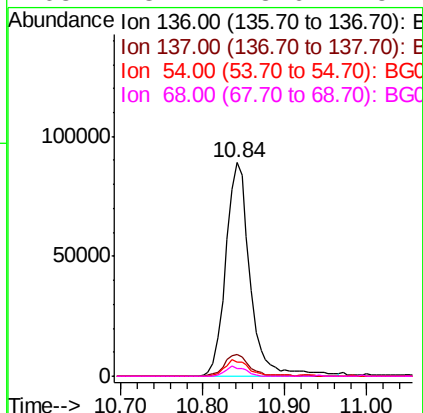
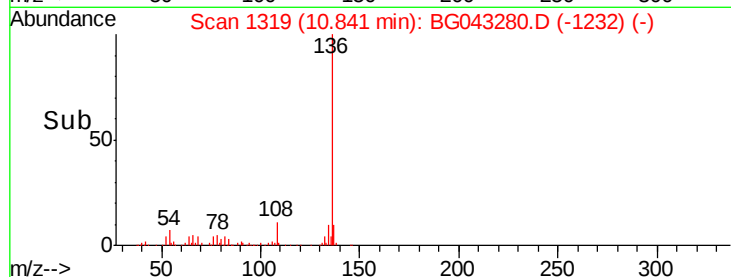
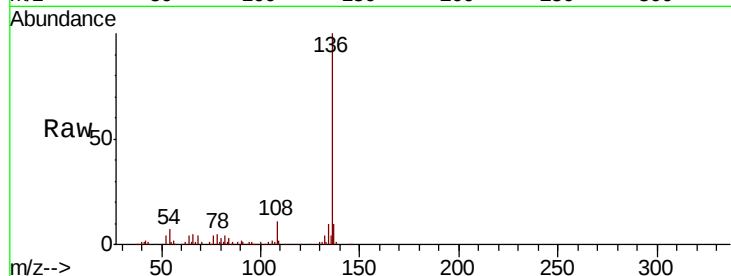




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG043280.D
Acq: 18 Oct 2019 18:06

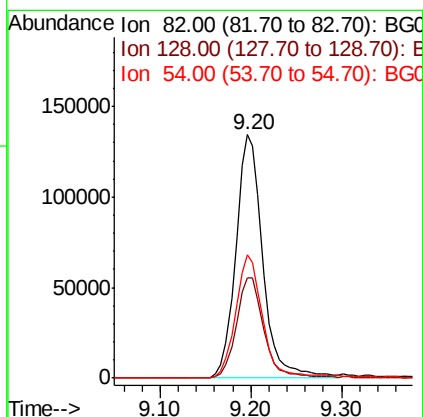
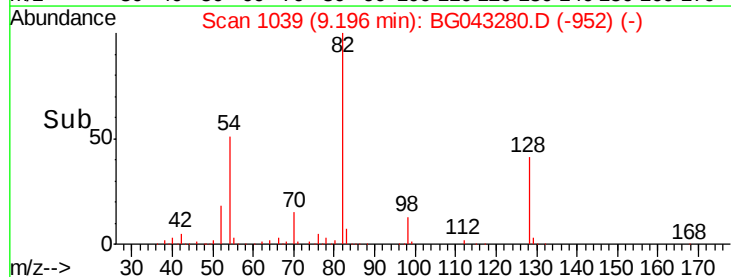
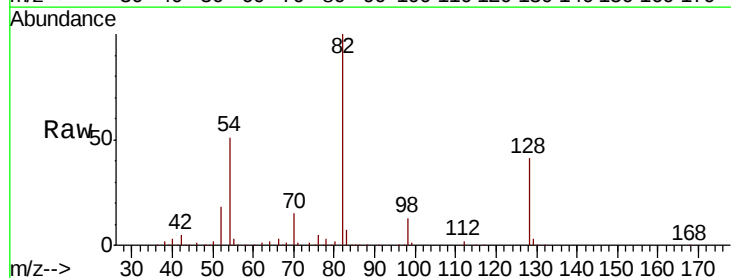
Instrument :
BNA_G
ClientSampleId :
MW-18

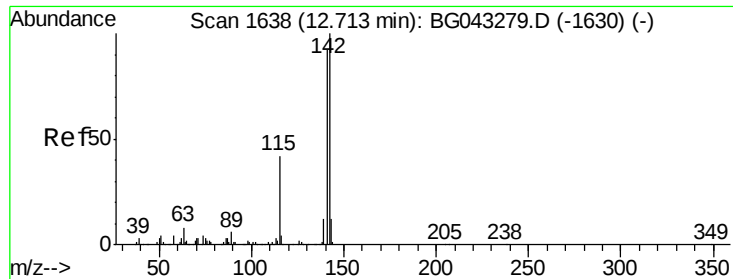
Tot Ion:136	Resp:	184757
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	6.8	7.4 11.2#
68	3.7	3.6 5.4



#23
Nitrobenzene-d5
Concen: 73.091 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG043280.D
Acq: 18 Oct 2019 18:06

Tgt Ion: 82	Resp:	277833
Ion Ratio	Lower	Upper
82	100	
128	41.2	29.5 44.3
54	50.6	44.6 67.0

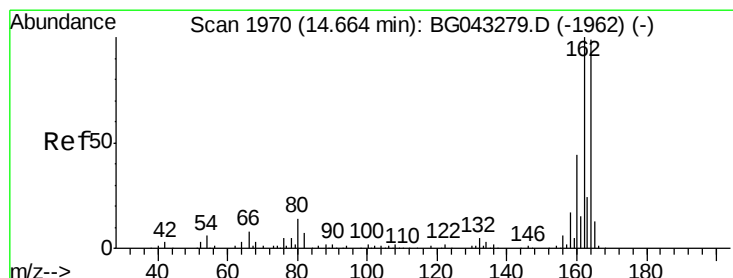
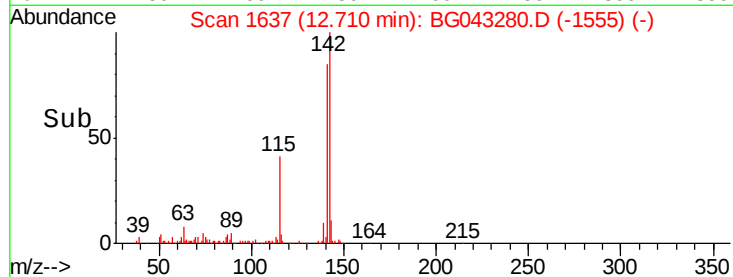
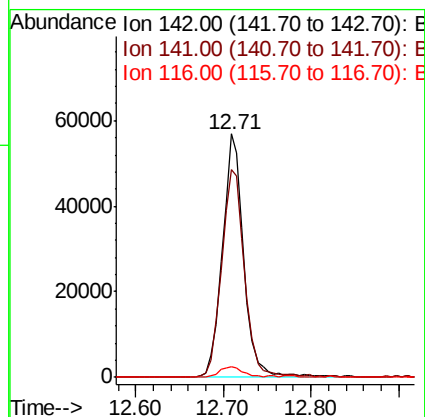
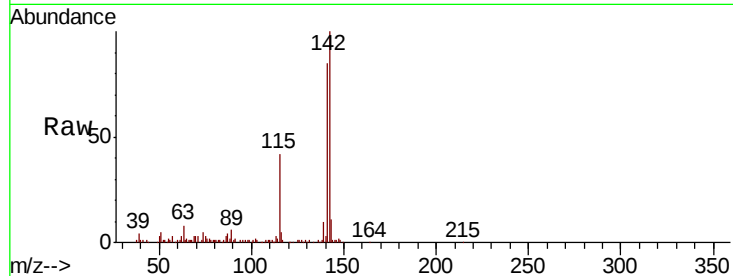




#38
1-Methylnaphthalene
Concen: 14.551 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BG043280.D
Acq: 18 Oct 2019 18:06

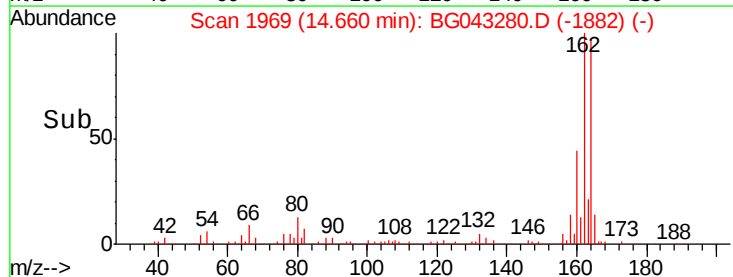
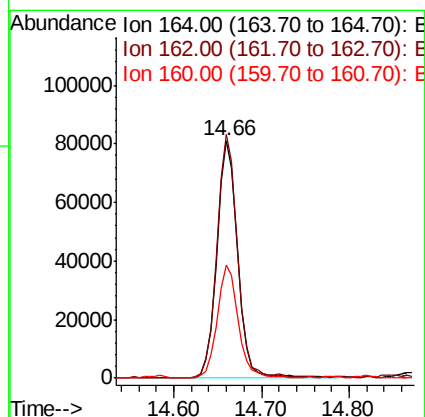
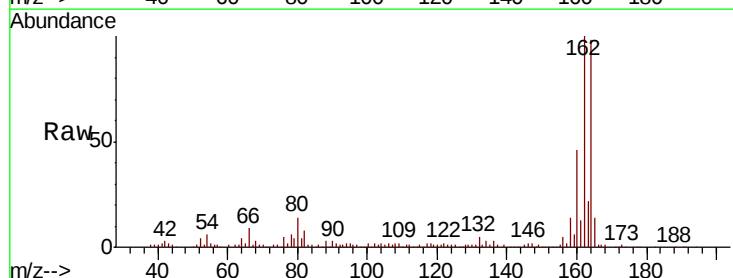
Instrument :
BNA_G
ClientSampleId :
MW-18

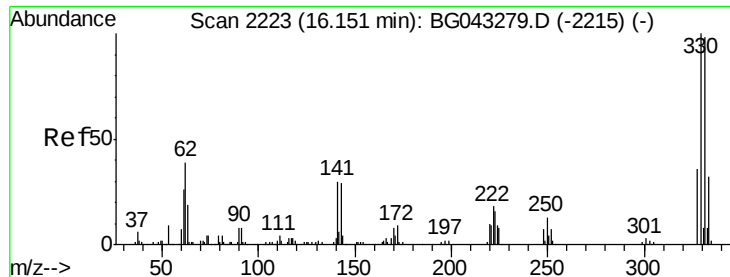
Tot Ion:142 Resp: 95531
Ion Ratio Lower Upper
142 100
141 85.4 74.9 112.3
116 4.6 3.7 5.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BG043280.D
Acq: 18 Oct 2019 18:06

Tgt Ion:164 Resp: 134342
Ion Ratio Lower Upper
164 100
162 102.4 78.5 117.7
160 47.4 35.9 53.9

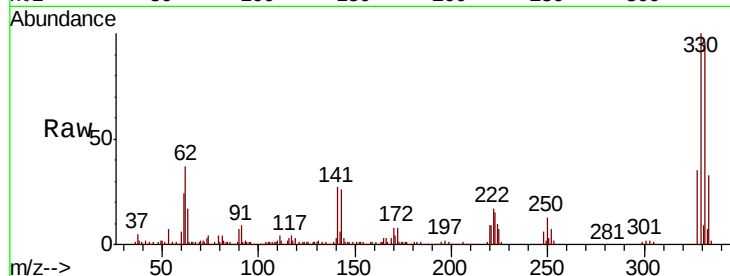




#42
 2,4,6-Tribromophenol
 Concen: 121.241 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG043280.D
 Acq: 18 Oct 2019 18:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-18

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.2
141	28.8	26.0	39.0

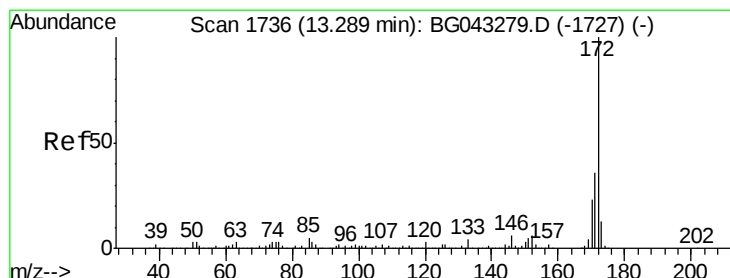
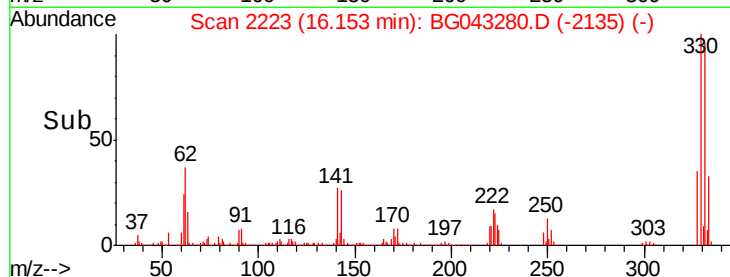
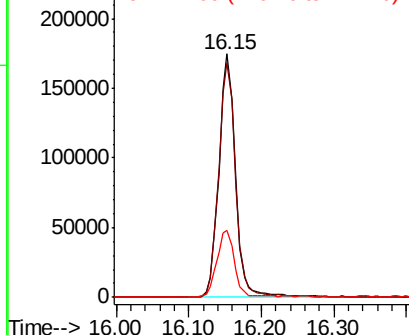


Abundance

Ion 329.80 (329.50 to 330.50): E

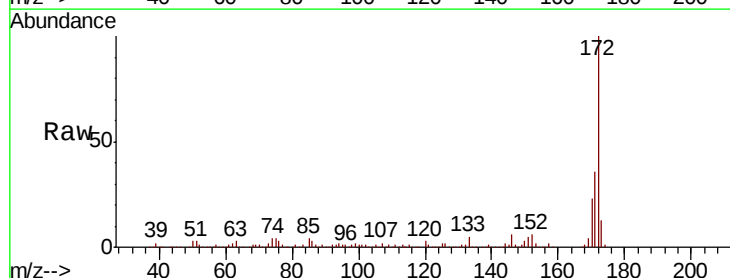
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.924 ng
 RT: 13.29 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG043280.D
 Acq: 18 Oct 2019 18:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.3	19.6	29.4

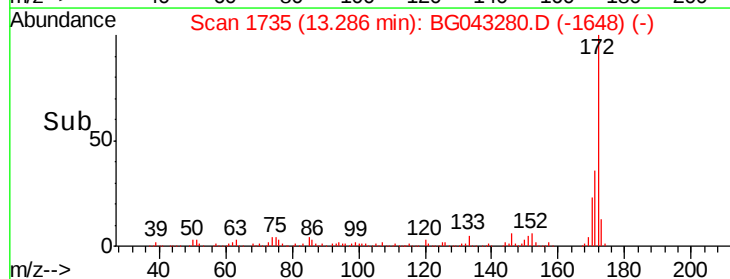
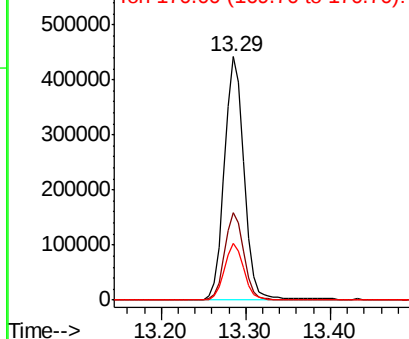


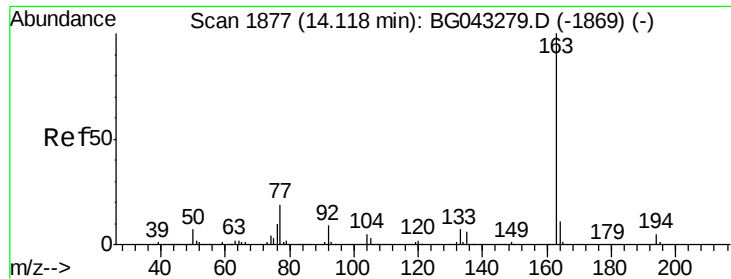
Abundance

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: 11.763 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.03 min

Lab File: BG043280.D

Acq: 18 Oct 2019 18:06

Instrument :

BNA_G

ClientSampled :

MW-18

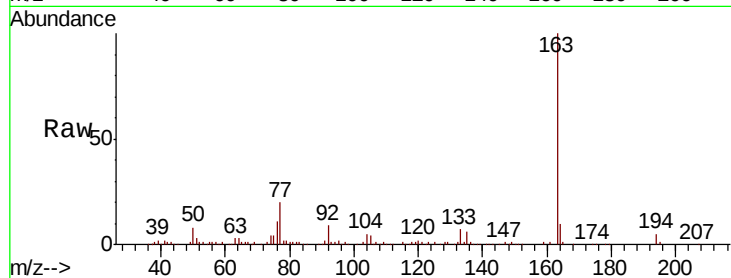
Tot Ion:163 Resp: 118400

Ion Ratio Lower Upper

163 100

194 5.0 4.4 6.6

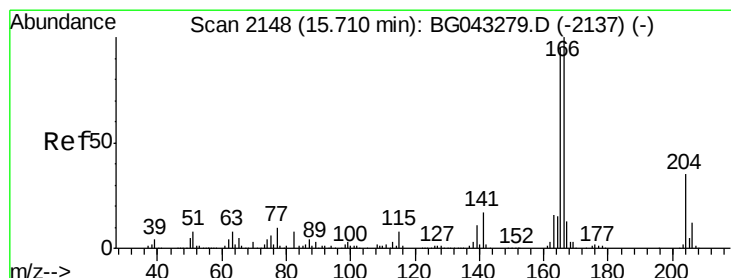
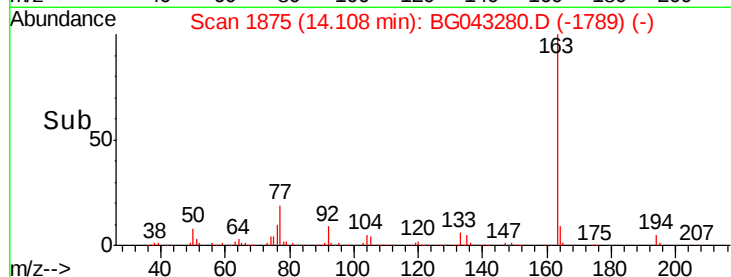
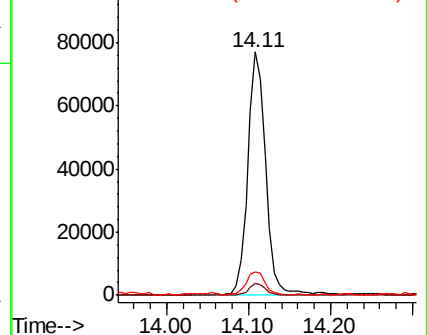
164 9.6 8.6 12.8



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



#58

Fluorene

Concen: 2.320 ng

RT: 15.71 min Scan# 2147

Delta R.T. -0.02 min

Lab File: BG043280.D

Acq: 18 Oct 2019 18:06

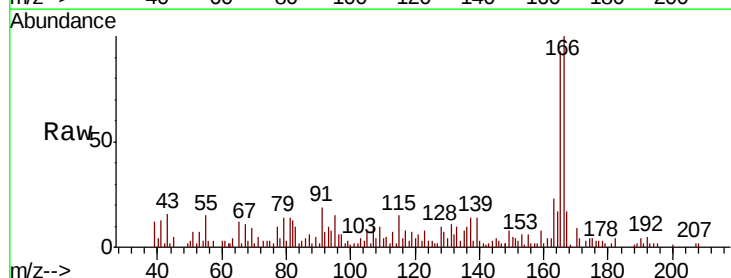
Tgt Ion:166 Resp: 22924

Ion Ratio Lower Upper

166 100

165 93.1 77.1 115.7

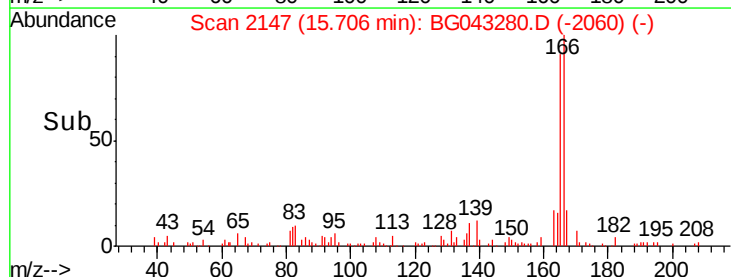
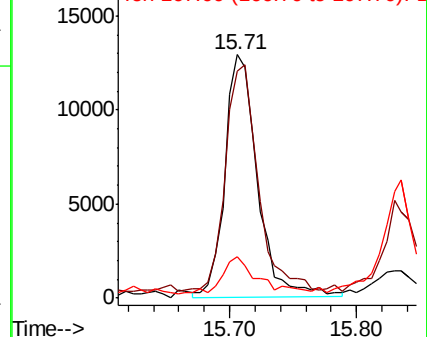
167 17.2 11.0 16.6#

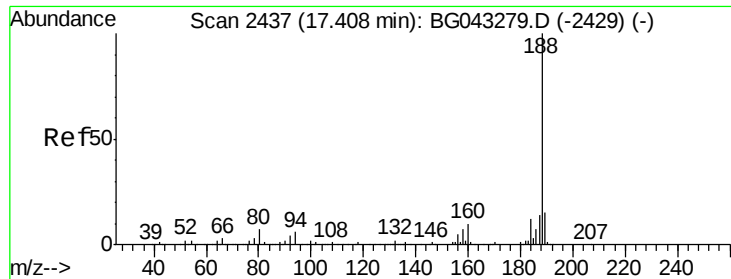


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

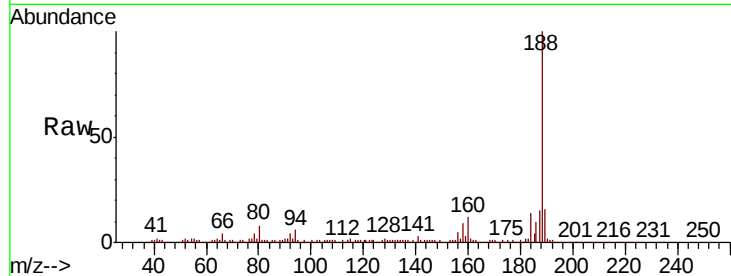




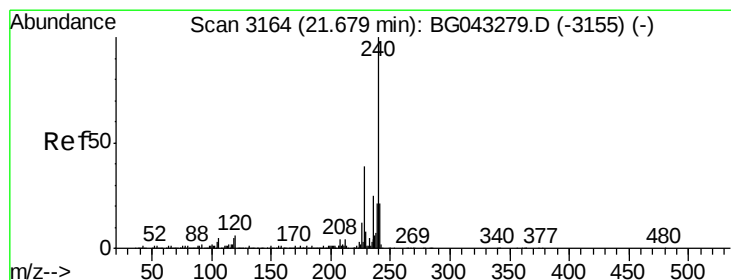
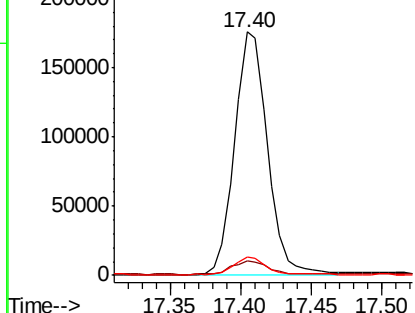
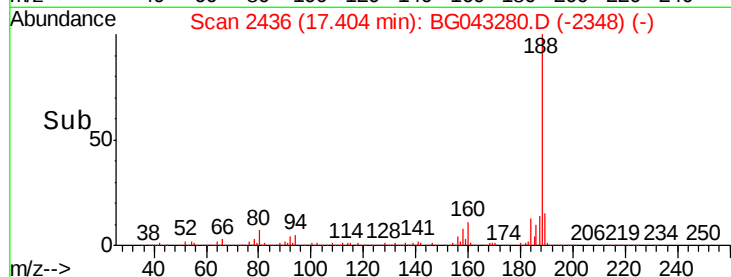
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG043280.D
Acq: 18 Oct 2019 18:06

Instrument :
BNA_G
ClientSampleId :
MW-18

Tot Ion:188 Resp: 285623
Ion Ratio Lower Upper
188 100
94 6.0 5.7 8.5
80 7.5 6.5 9.7

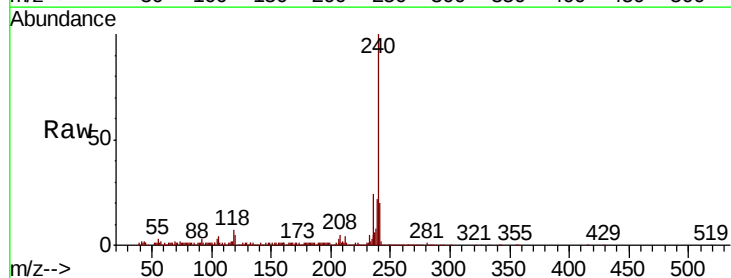


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

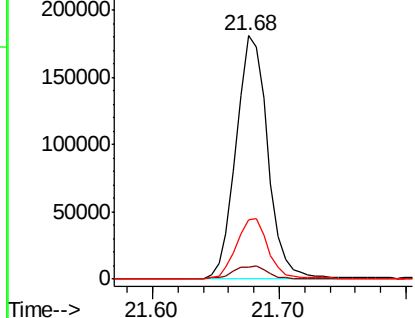
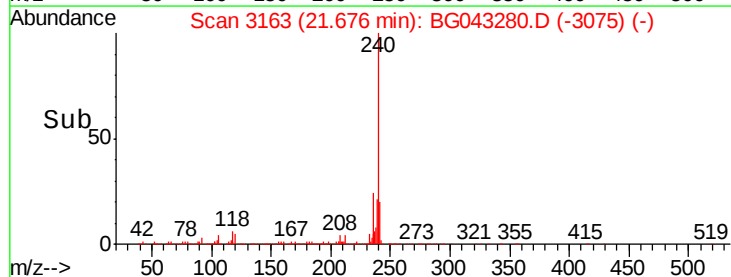


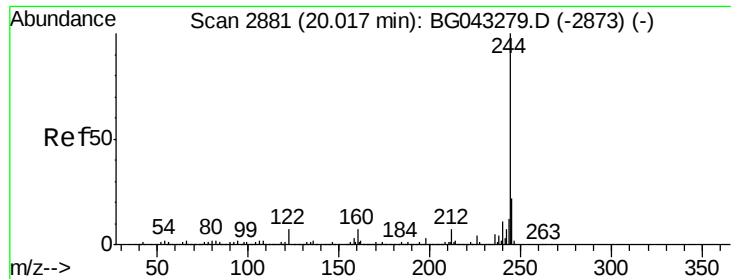
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG043280.D
Acq: 18 Oct 2019 18:06

Tgt Ion:240 Resp: 314724
Ion Ratio Lower Upper
240 100
120 5.2 4.8 7.2
236 24.2 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: 88.135 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG043280.D

Acq: 18 Oct 2019 18:06

Instrument :

BNA_G

ClientSampleId :

MW-18

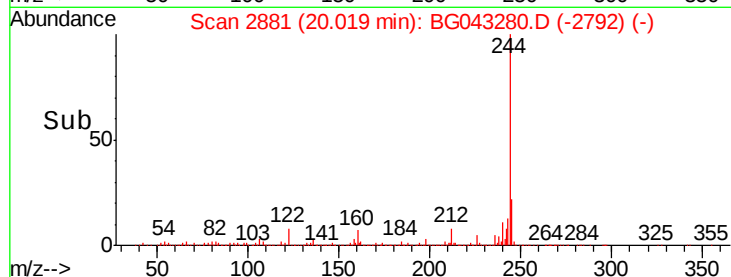
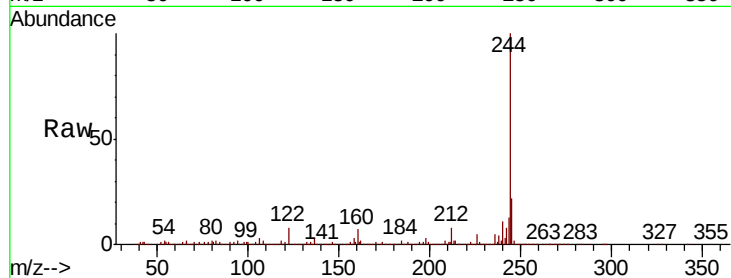
Tot Ion:244 Resp: 1301724

Ion Ratio Lower Upper

244 100

212 7.6 7.4 11.0

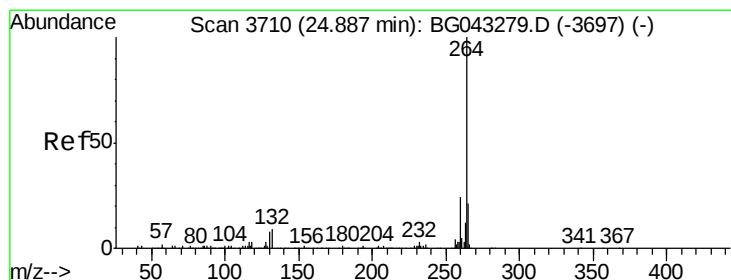
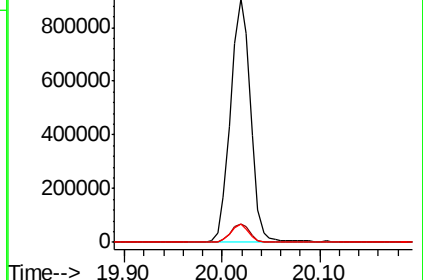
122 7.6 7.0 10.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG043280.D

Acq: 18 Oct 2019 18:06

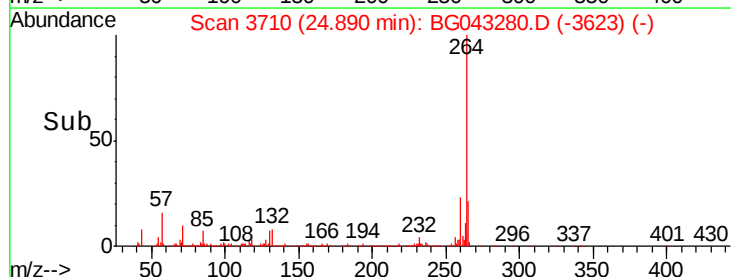
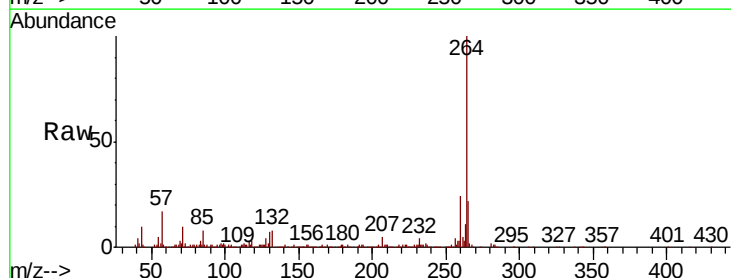
Tgt Ion:264 Resp: 383187

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.9 17.7 26.5



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

