

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
 Data File : BG044277.D
 Acq On : 3 Feb 2020 18:02
 Operator : CG/JU
 Sample : L1346-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PD-2-(28-29)

Quant Time: Feb 04 10:24:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

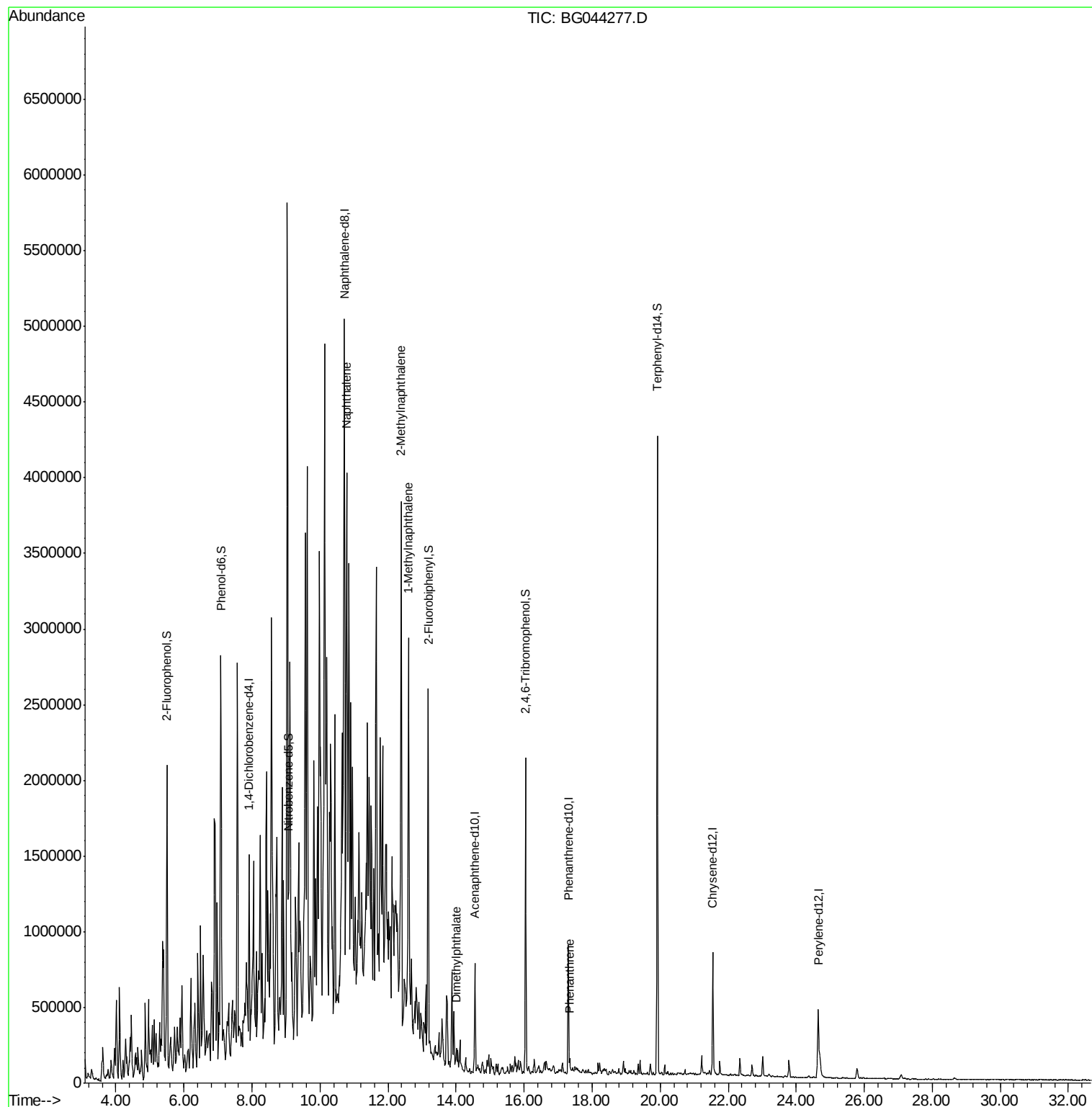
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	76408	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	311031	20.00	ng	0.01
39) Acenaphthene-d10	14.56	164	249812	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	541897	20.00	ng	0.00
76) Chrysene-d12	21.54	240	483465	20.00	ng	0.00
87) Perylene-d12	24.65	264	545241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	668823	154.48	ng	0.00
7) Phenol-d6	7.09	99	896247	154.16	ng	0.00
23) Nitrobenzene-d5	9.08	82	603088	109.47	ng	0.01
42) 2,4,6-Tribromophenol	16.04	330	411050	140.16	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1292532	86.64	ng	0.00
79) Terphenyl-d14	19.92	244	1948535	82.90	ng	0.00
Target Compounds						
31) Naphthalene	10.78	128	568612	37.681	ng	Qvalue # 75
37) 2-Methylnaphthalene	12.39	142	1602408	143.019	ng	96
38) 1-Methylnaphthalene	12.61	142	1232825	116.710	ng	100
50) Dimethylphthalate	14.00	163	87613	4.879	ng	99
71) Phenanthrene	17.34	178	65682	2.503	ng	99

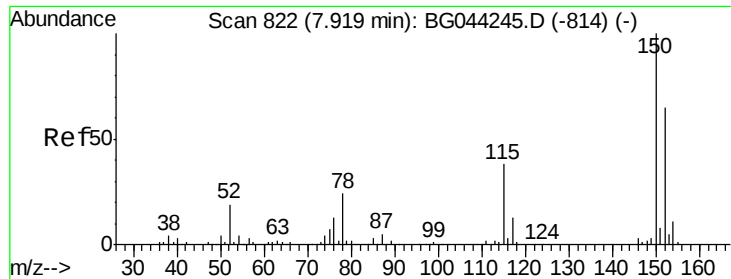
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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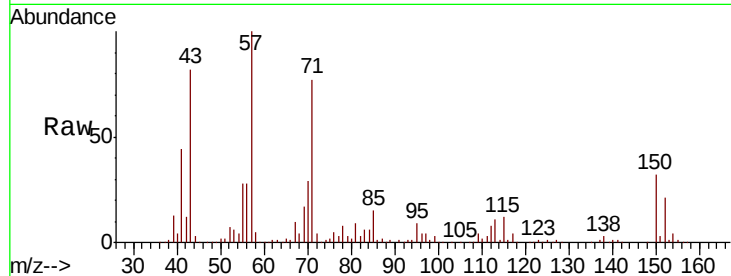


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044277.D
Acq: 3 Feb 2020 18:02

Instrument :
BNA_G
ClientSampleId :
PD-2-(28-29)

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	122.6	183.8
115	54.9	46.0	69.0

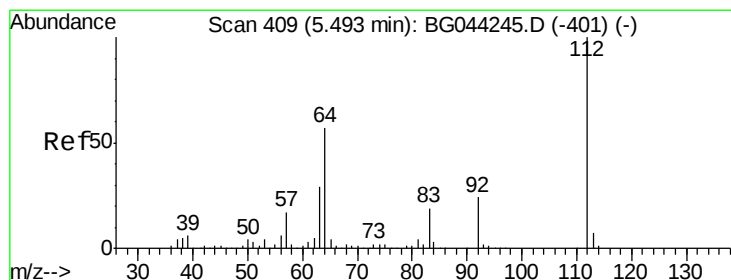
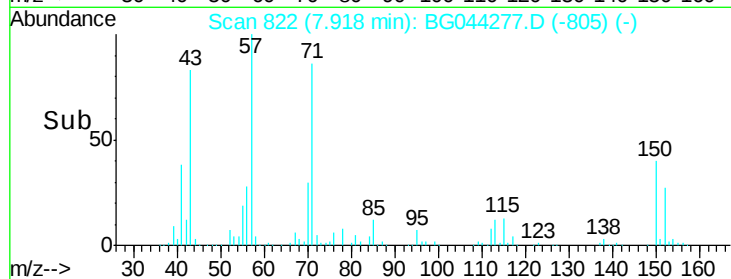
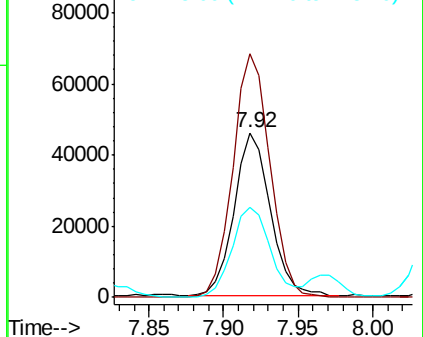


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

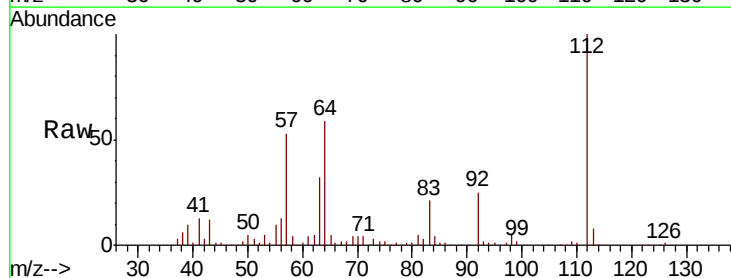
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 154.482 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044277.D
Acq: 3 Feb 2020 18:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.4	68.2
63	31.7	22.9	34.3

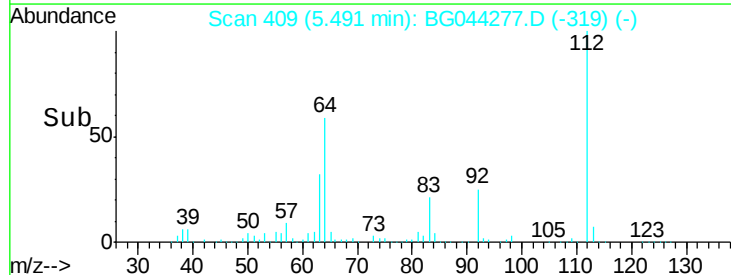
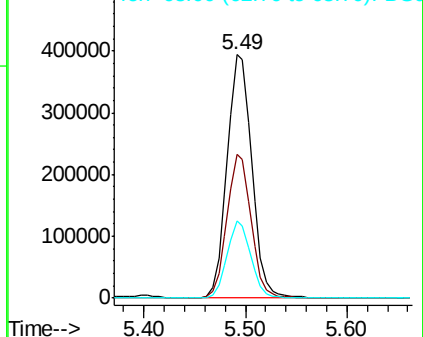


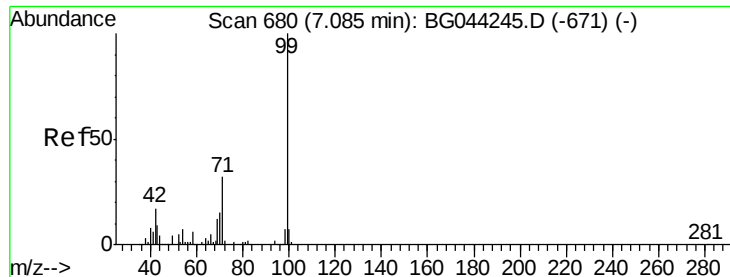
Abundance

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: 154.158 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044277.D

Acq: 3 Feb 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PD-2-(28-29)

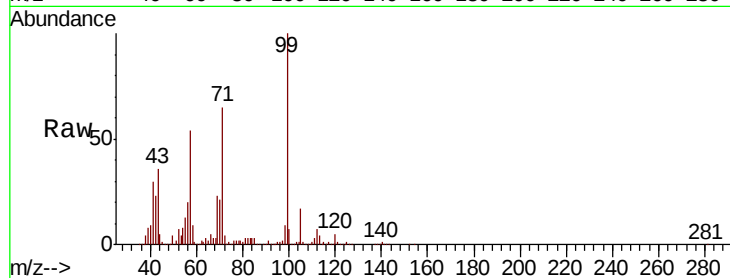
Tot Ion: 99 Resp: 896247

Ion Ratio Lower Upper

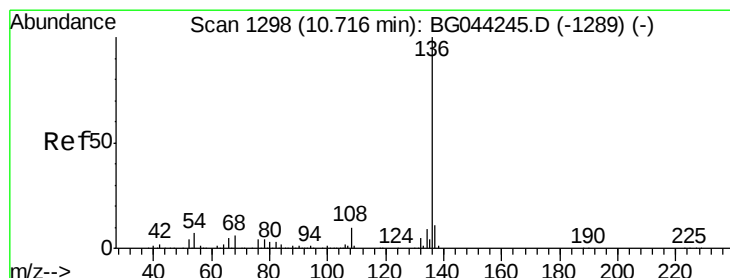
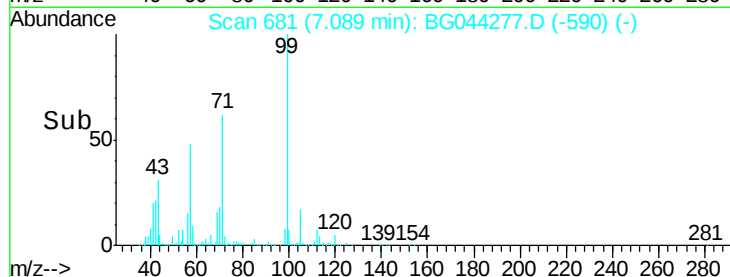
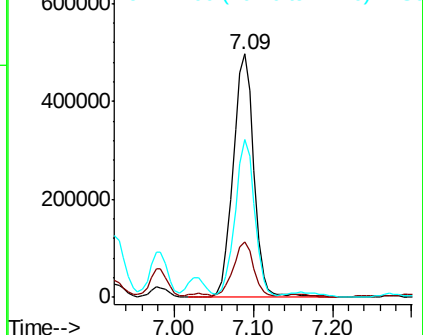
99 100

42 22.7 13.8 20.6#

71 64.8 25.5 38.3#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG044277.D

Acq: 3 Feb 2020 18:02

Tgt Ion: 136 Resp: 311031

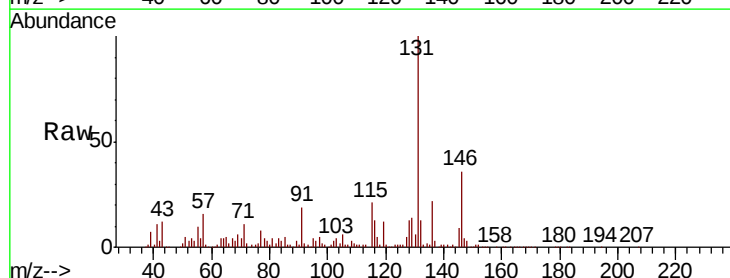
Ion Ratio Lower Upper

136 100

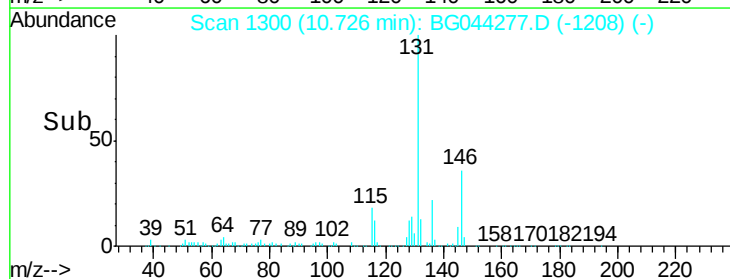
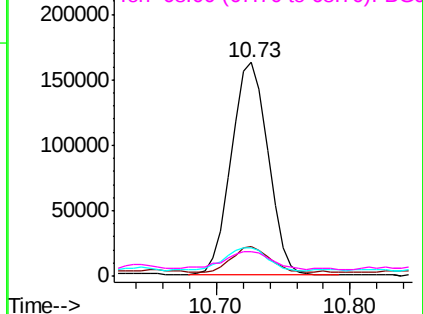
137 13.7 8.8 13.2#

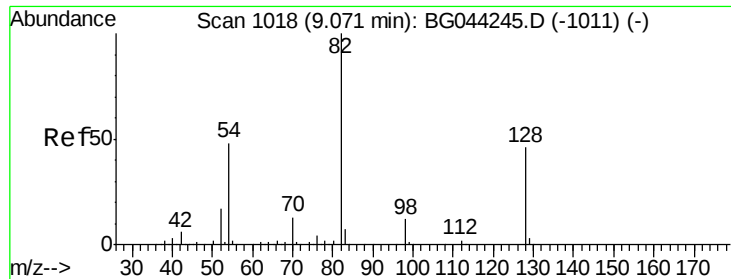
54 13.1 5.8 8.8#

68 11.5 4.6 6.8#



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

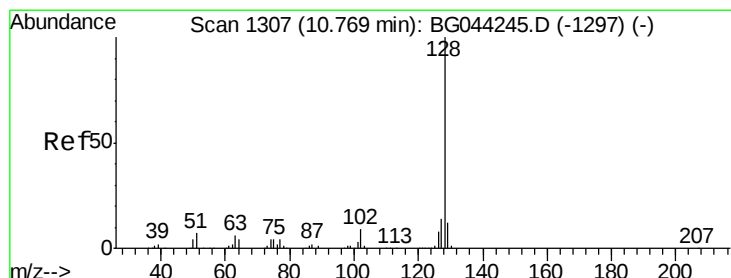
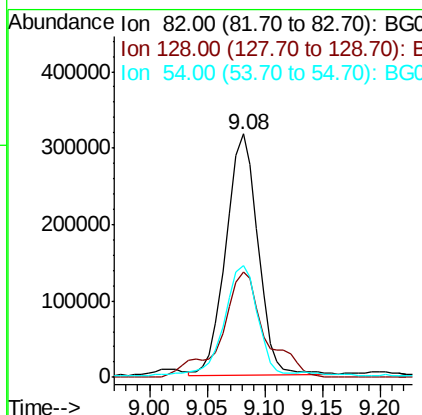
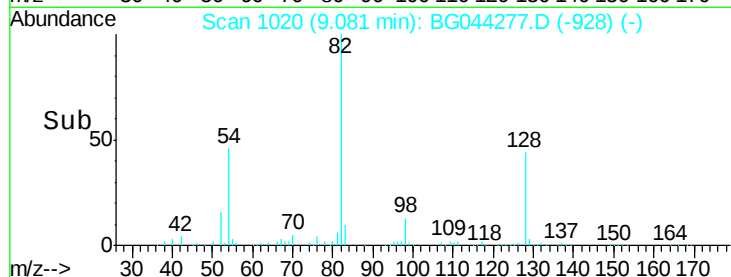
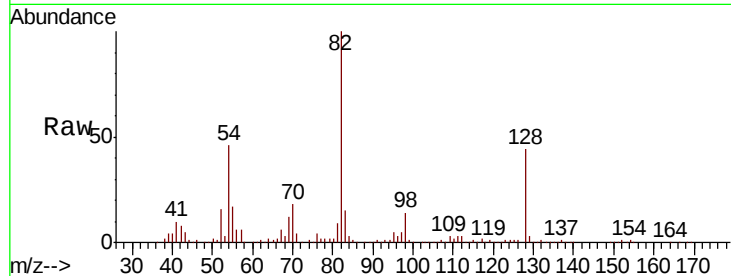




#23
Nitrobenzene-d5
Concen: 109.469 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BG044277.D
Acq: 3 Feb 2020 18:02

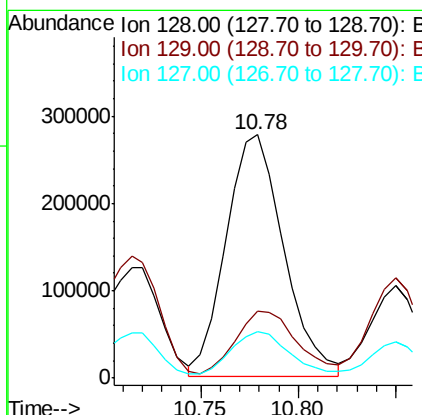
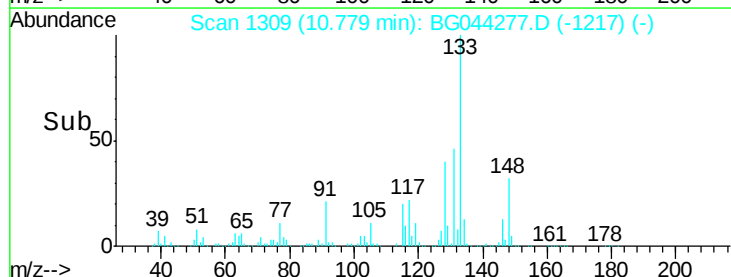
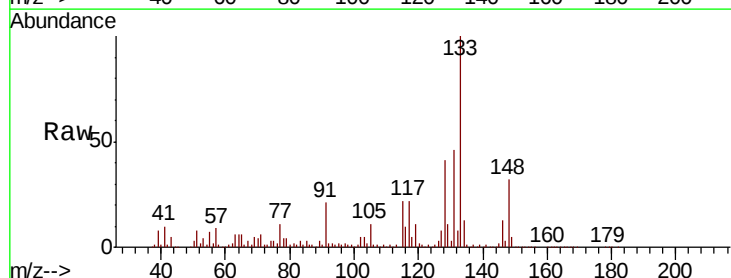
Instrument :
BNA_G
ClientSampleId :
PD-2-(28-29)

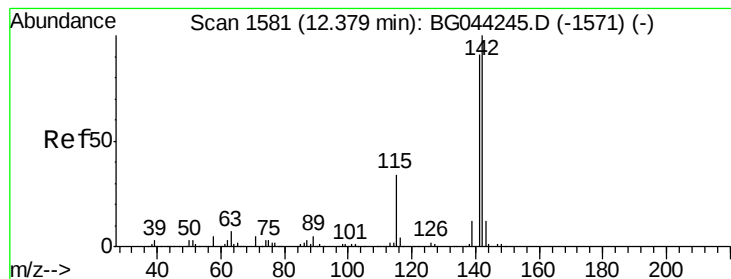
Tot Ion	82	Resp	603088
Ion Ratio	Lower	Upper	
82	100		
128	43.5	36.5	54.7
54	46.1	38.6	58.0



#31
Naphthalene
Concen: 37.681 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG044277.D
Acq: 3 Feb 2020 18:02

Tgt Ion	128	Resp	568612
Ion Ratio	Lower	Upper	
128	100		
129	27.4	9.3	13.9#
127	19.3	11.6	17.4#





#37

2-Methylnaphthalene

Concen: 143.019 ng

RT: 12.39 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BG044277.D

Acq: 3 Feb 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PD-2-(28-29)

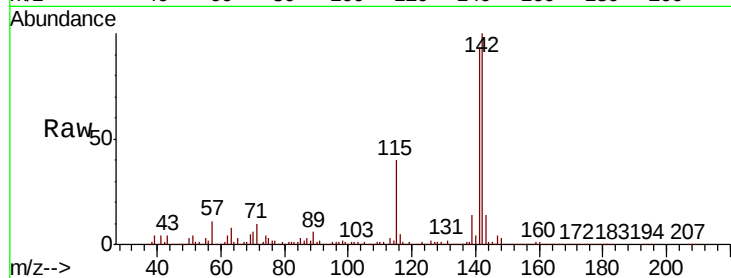
Tot Ion:142 Resp: 1602408

Ion Ratio Lower Upper

142 100

141 93.0 73.2 109.8

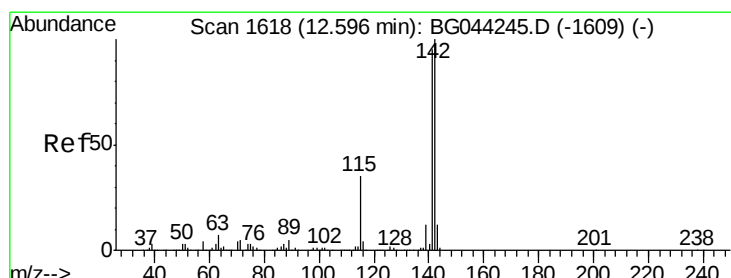
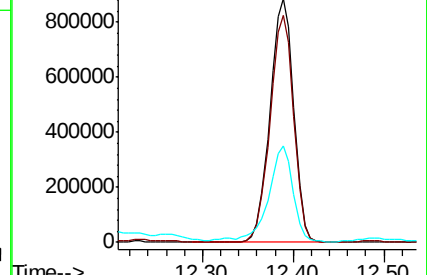
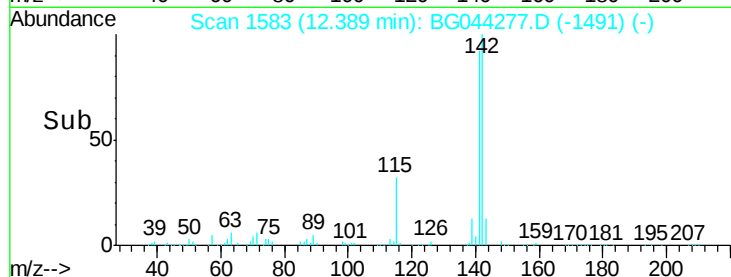
115 39.6 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 116.710 ng

RT: 12.61 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BG044277.D

Acq: 3 Feb 2020 18:02

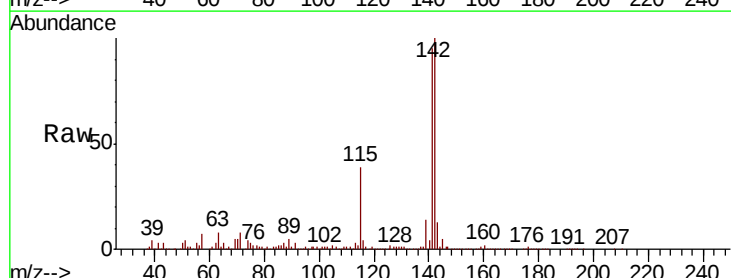
Tgt Ion:142 Resp: 1232825

Ion Ratio Lower Upper

142 100

141 94.6 75.8 113.6

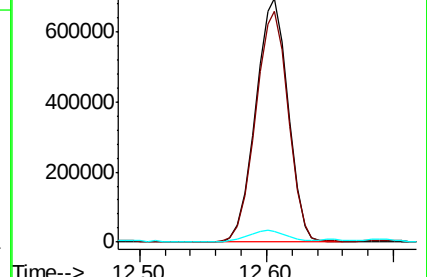
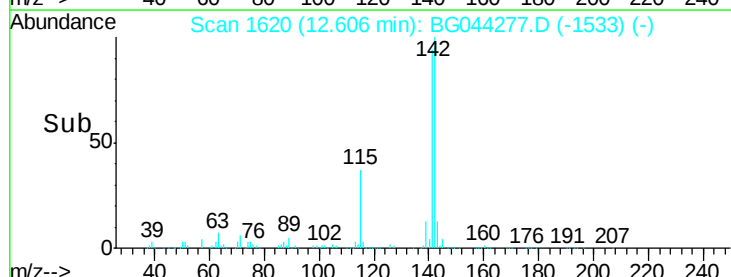
116 4.4 3.1 4.7

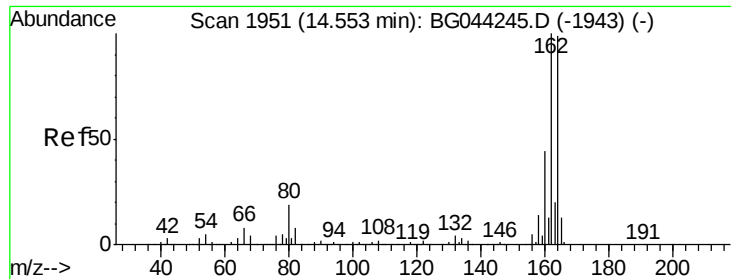


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044277.D

Acq: 3 Feb 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PD-2-(28-29)

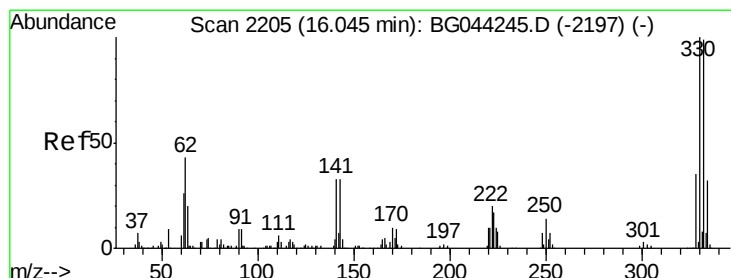
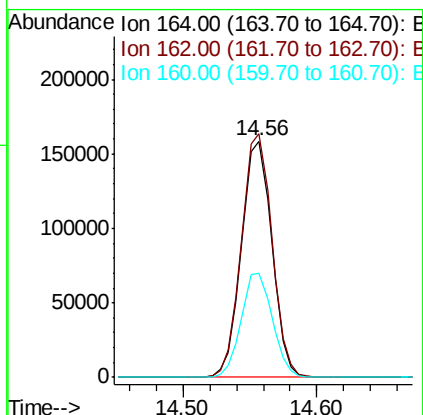
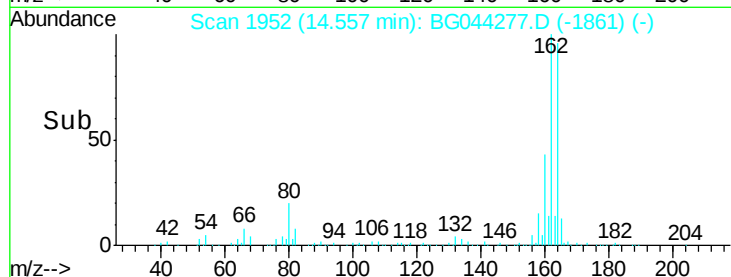
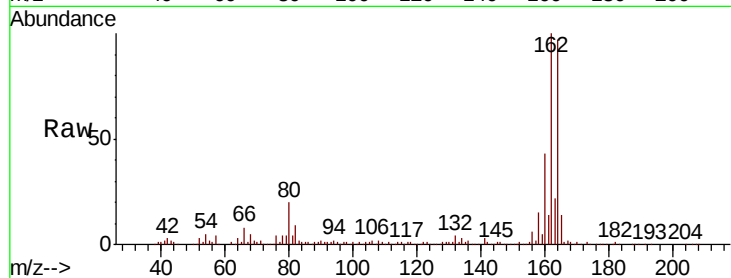
Tot Ion:164 Resp: 249812

Ion Ratio Lower Upper

164 100

162 103.2 80.7 121.1

160 44.4 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 140.163 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044277.D

Acq: 3 Feb 2020 18:02

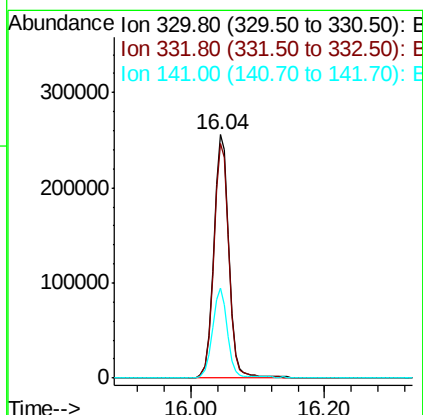
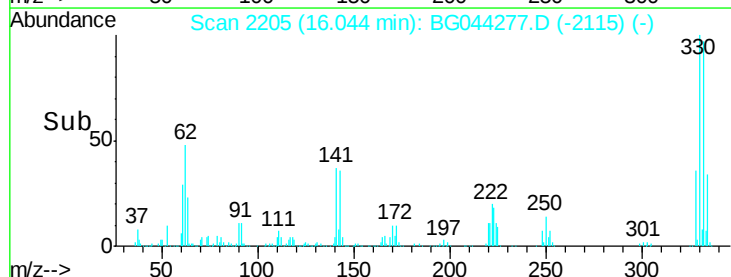
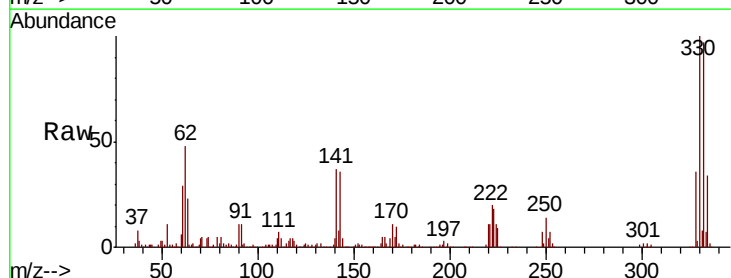
Tgt Ion:330 Resp: 411050

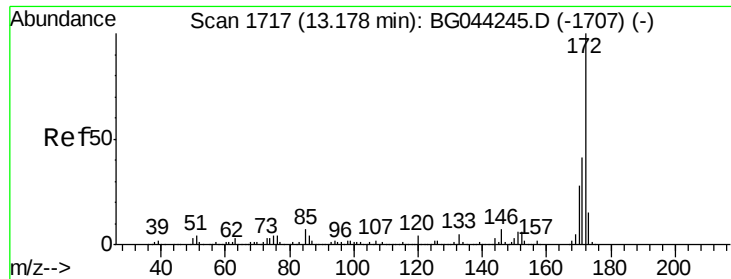
Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

141 35.7 28.3 42.5

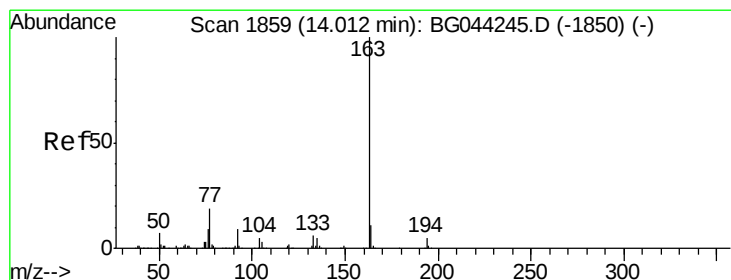
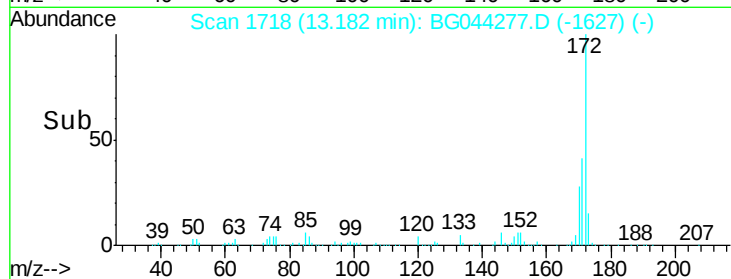
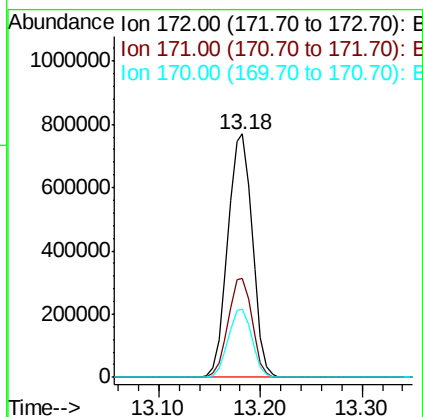
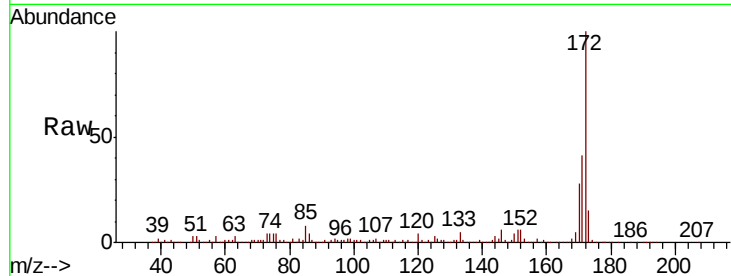




#45
2-Fluorobiphenyl
Concen: 86.642 ng
RT: 13.18 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BG044277.D
Acq: 3 Feb 2020 18:02

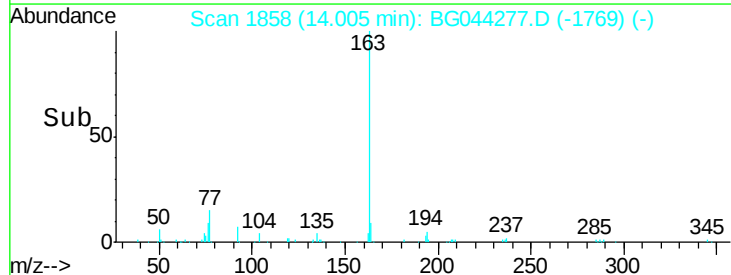
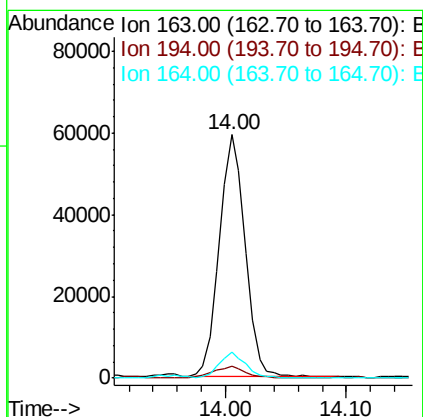
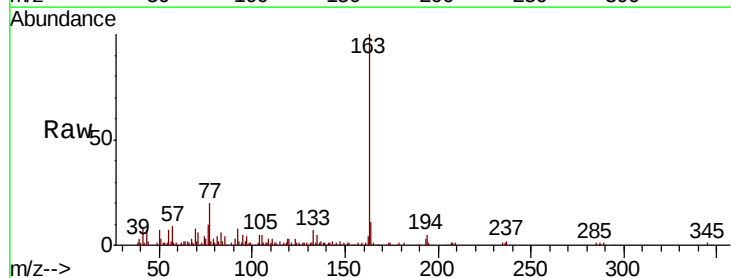
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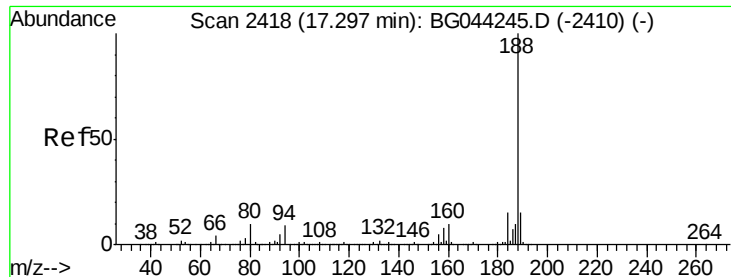
Tot Ion:172 Resp: 1292532
Ion Ratio Lower Upper
172 100
171 40.9 32.9 49.3
170 27.8 22.0 33.0



#50
Dimethylphthalate
Concen: 4.879 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044277.D
Acq: 3 Feb 2020 18:02

Tgt Ion:163 Resp: 87613
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 10.7 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG044277.D

Acq: 3 Feb 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PD-2-(28-29)

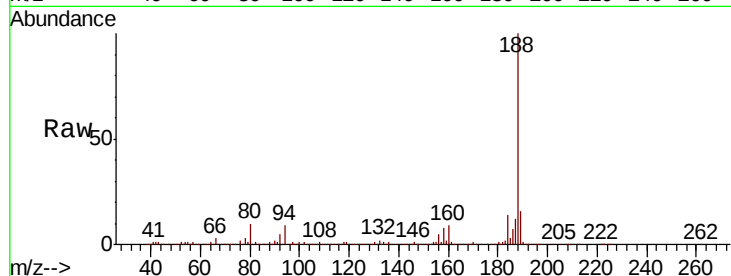
Tot Ion:188 Resp: 541897

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

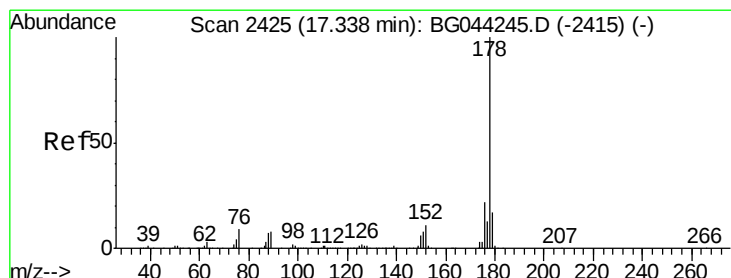
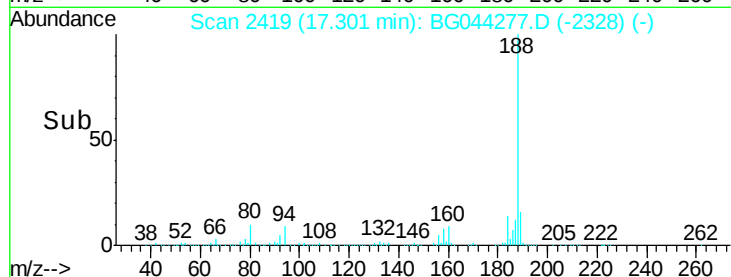
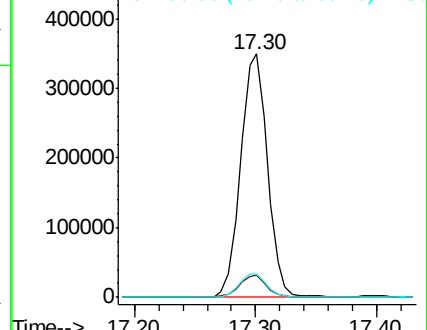
80 9.8 7.7 11.5



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



#71

Phenanthrene

Concen: 2.503 ng

RT: 17.34 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BG044277.D

Acq: 3 Feb 2020 18:02

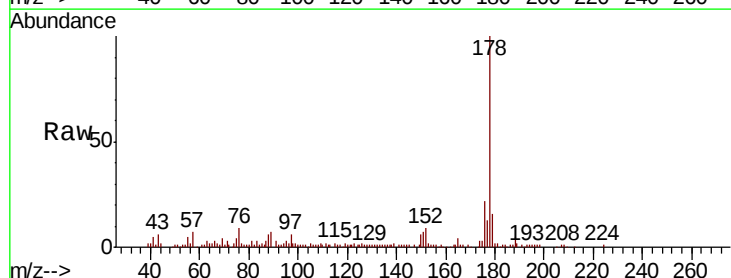
Tgt Ion:178 Resp: 65682

Ion Ratio Lower Upper

178 100

176 21.8 17.7 26.5

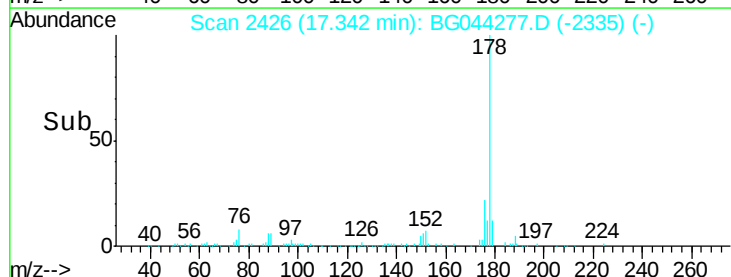
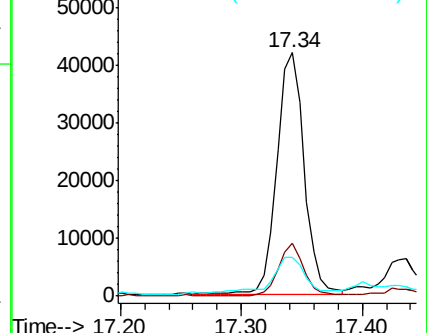
179 16.1 13.7 20.5

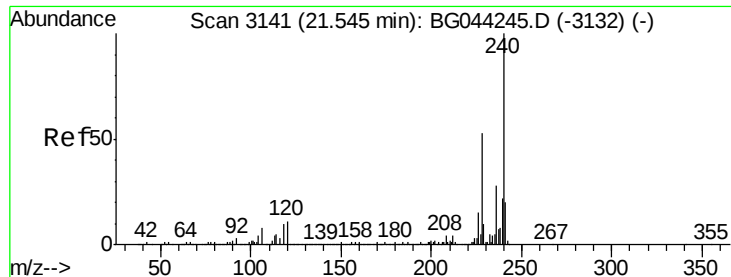


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

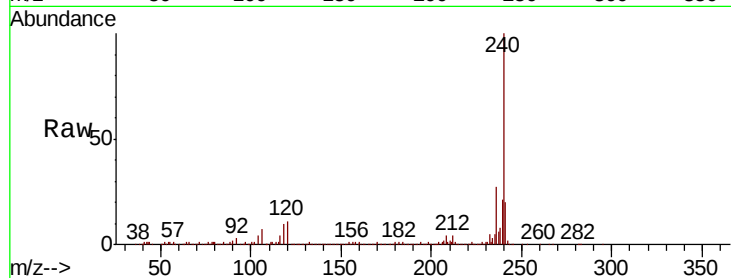




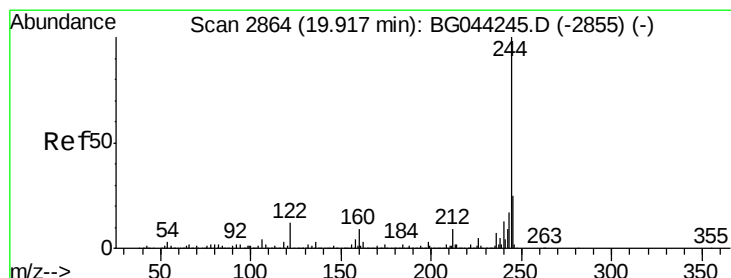
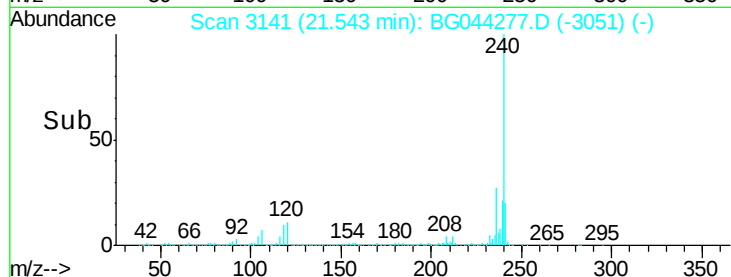
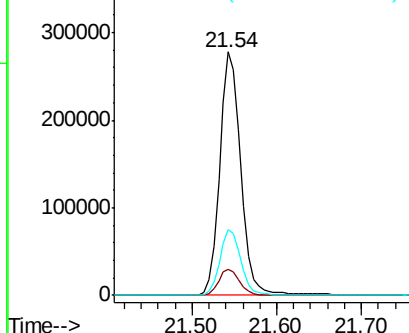
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG044277.D
 Acq: 3 Feb 2020 18:02

Instrument :
 BNA_G
 ClientSampleId :
 PD-2-(28-29)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	27.0	22.1	33.1

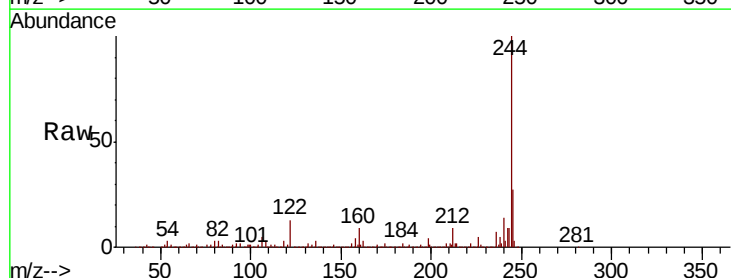


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

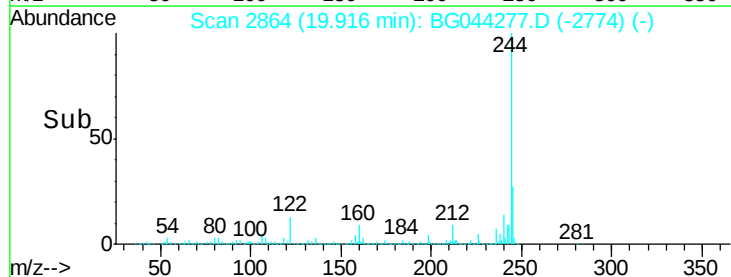
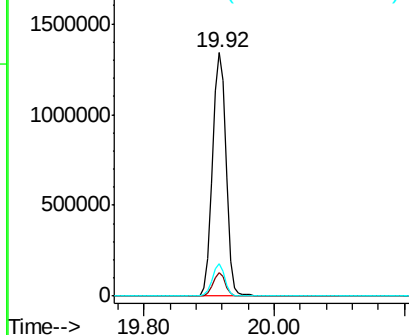


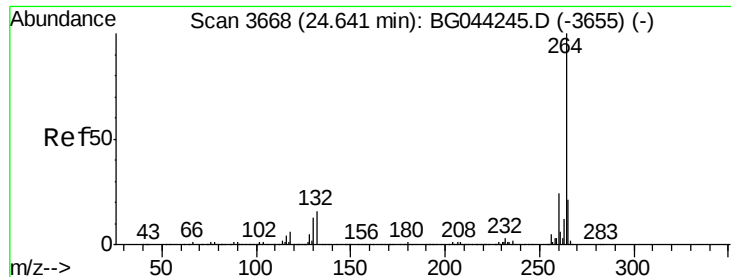
#79
 Terphenyl-d14
 Concen: 82.899 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG044277.D
 Acq: 3 Feb 2020 18:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.2
122	13.1	9.8	14.6



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
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG044277.D
Acq: 3 Feb 2020 18:02

Instrument :
BNA_G
ClientSampleId :
PD-2-(28-29)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.4	16.7	25.1

