

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044379.D
 Acq On : 11 Feb 2020 7:48
 Operator : CG/JU
 Sample : L1449-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-3-BY-TANK-EAST

Quant Time: Feb 11 08:29:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

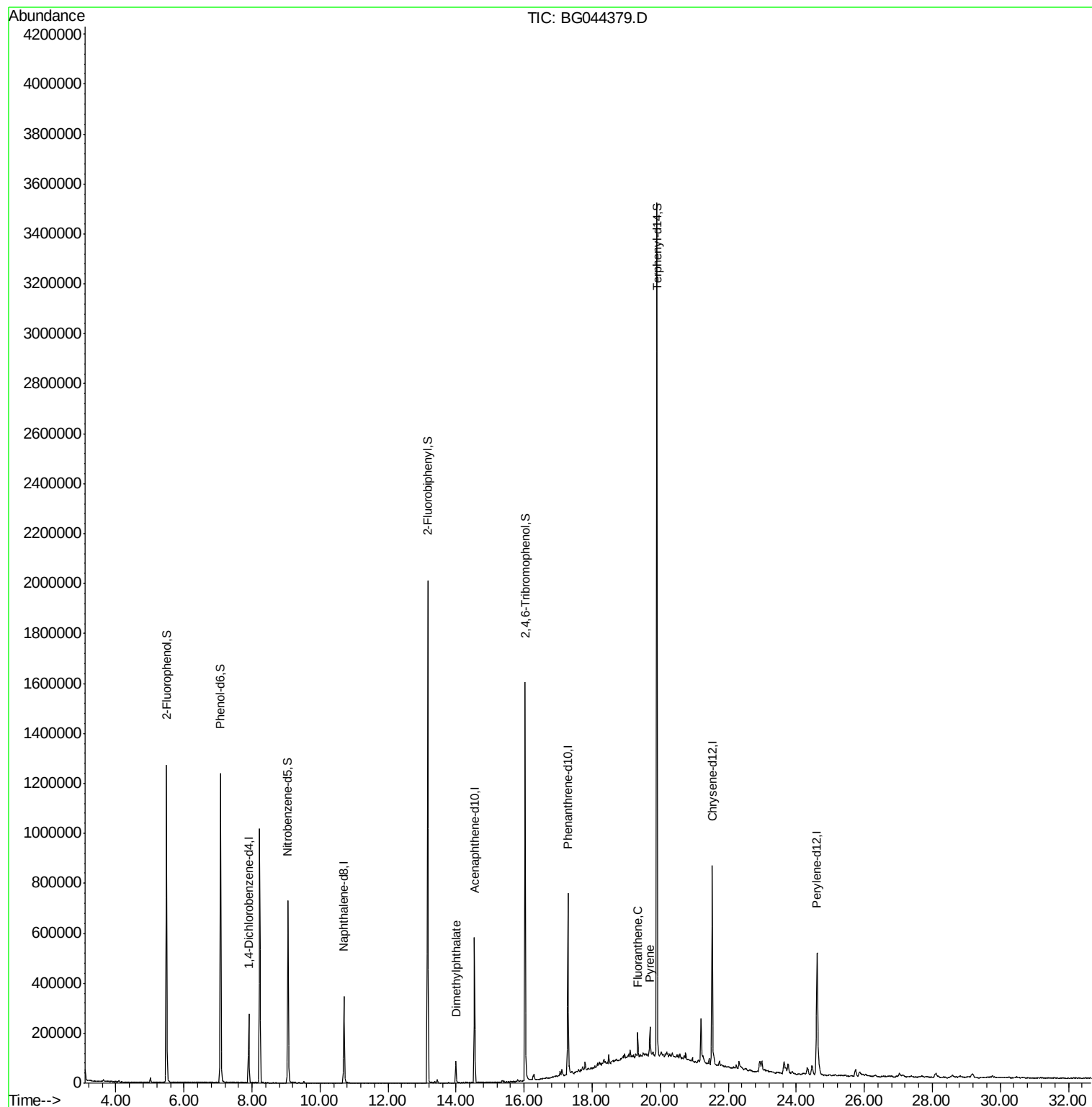
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	83922	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	338929	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	215543	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	477564	20.00	ng	0.00
76) Chrysene-d12	21.53	240	461184	20.00	ng	0.00
87) Perylene-d12	24.61	264	486007	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	625263	131.49	ng	0.00
7) Phenol-d6	7.08	99	799557	125.21	ng	0.00
23) Nitrobenzene-d5	9.06	82	487537	81.21	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	313218	123.78	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1074212	83.46	ng	0.00
79) Terphenyl-d14	19.90	244	1620082	72.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	71577	4.620	ng	98
75) Fluoranthene	19.34	202	58947	2.203	ng	97
78) Pyrene	19.70	202	65009	2.195	ng	95

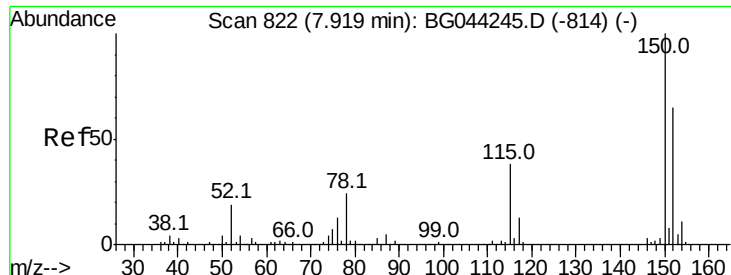
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



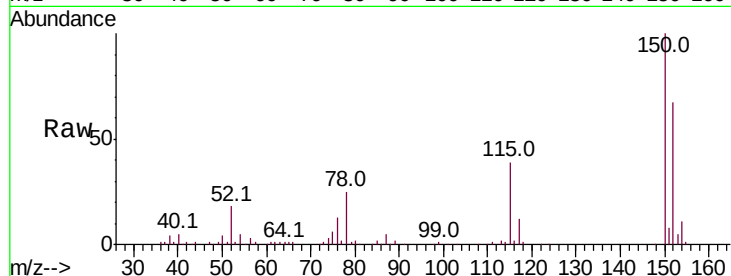


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044379.D
 Acq: 11 Feb 2020 7:48

Instrument :
 BNA_G
 ClientSampleId :
 S-3-BY-TANK-EAST

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	122.6	183.8
115	58.1	46.0	69.0

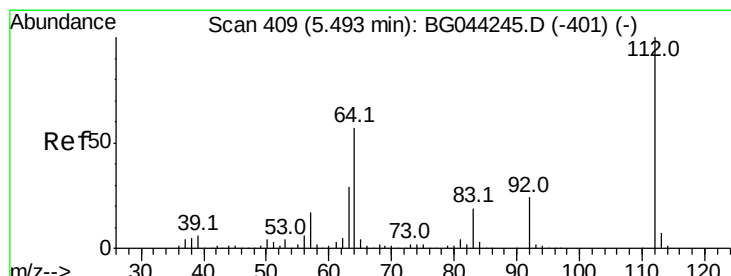
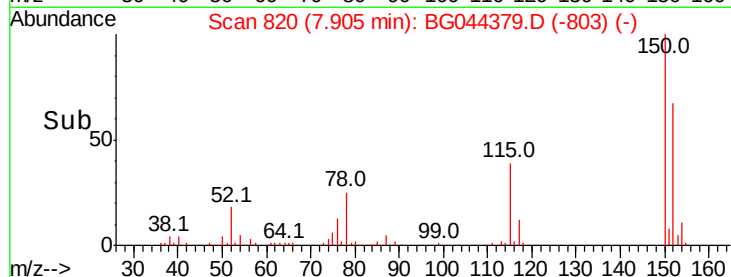
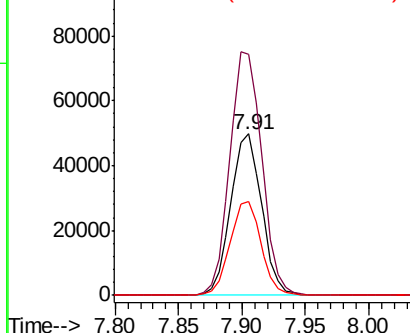


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

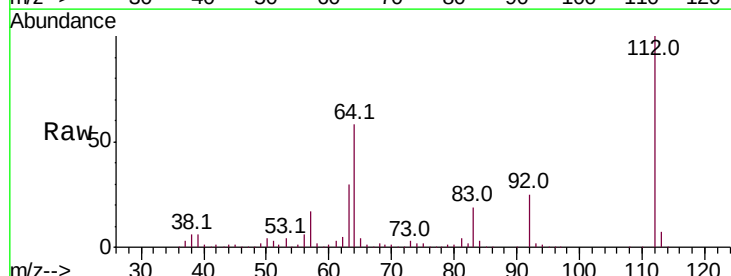
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 131.490 ng
 RT: 5.48 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BG044379.D
 Acq: 11 Feb 2020 7:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.4	68.2
63	29.7	22.9	34.3

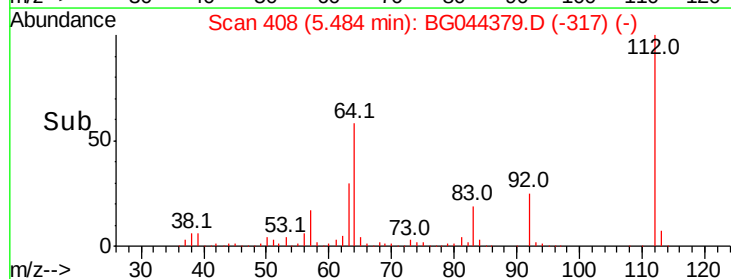
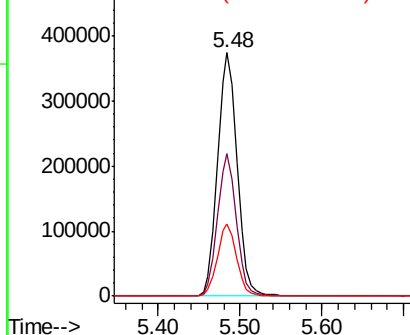


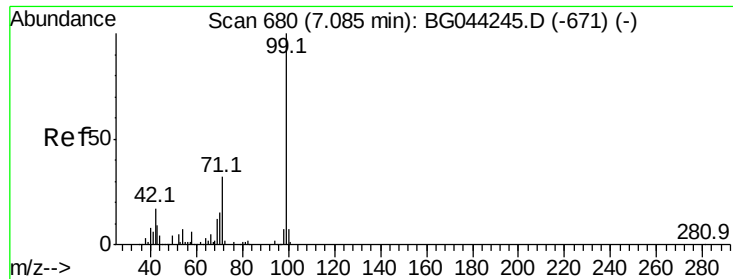
Abundance

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: 125.214 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG044379.D

Acq: 11 Feb 2020 7:48

Instrument :

BNA_G

ClientSampleId :

S-3-BY-TANK-EAST

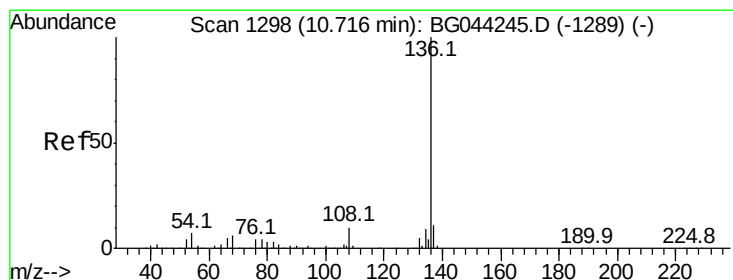
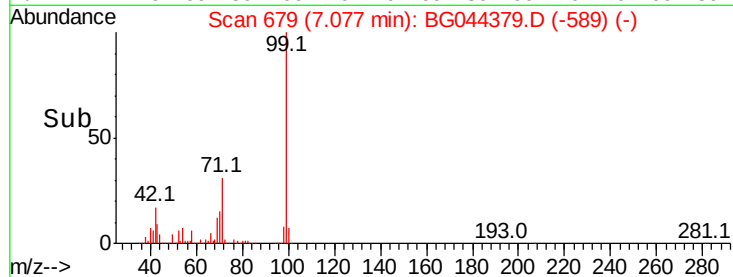
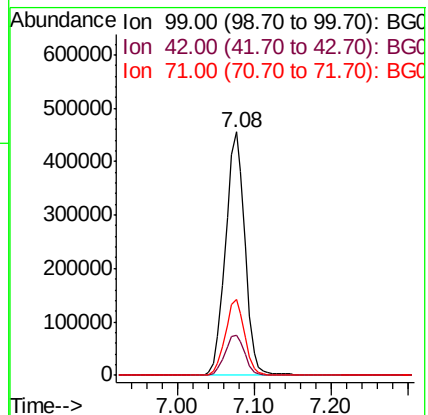
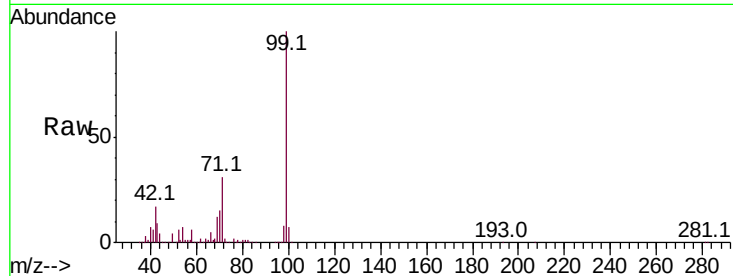
Tot Ion: 99 Resp: 799557

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.6

71 31.0 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG044379.D

Acq: 11 Feb 2020 7:48

Tgt Ion: 136 Resp: 338929

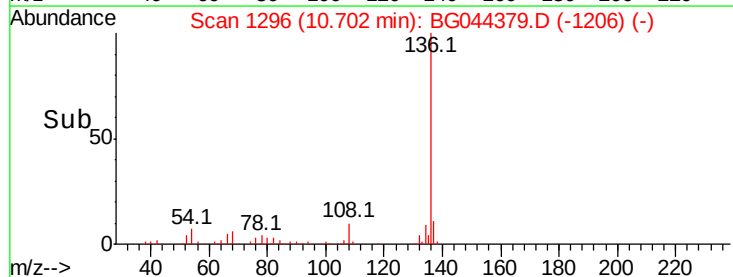
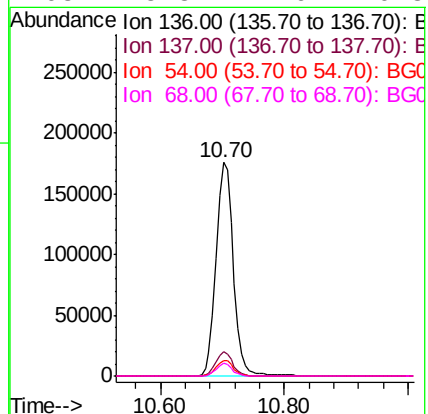
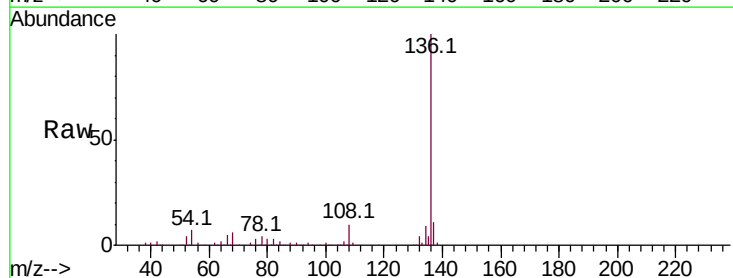
Ion Ratio Lower Upper

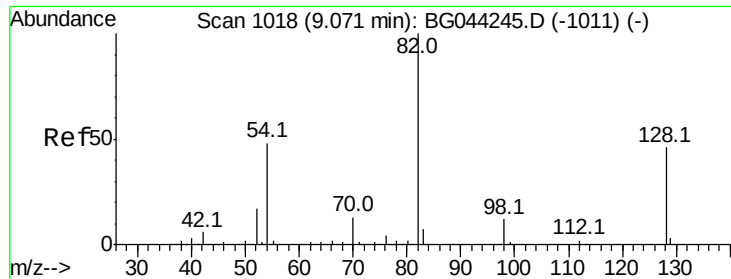
136 100

137 11.1 8.8 13.2

54 7.4 5.8 8.8

68 5.8 4.6 6.8

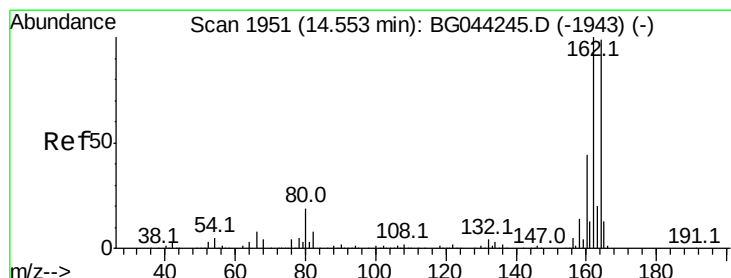
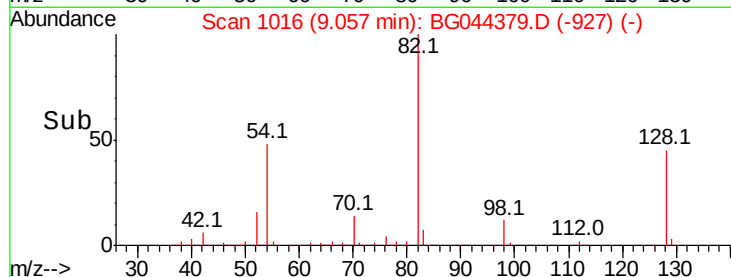
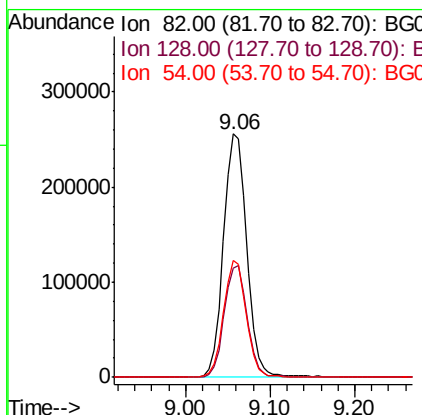
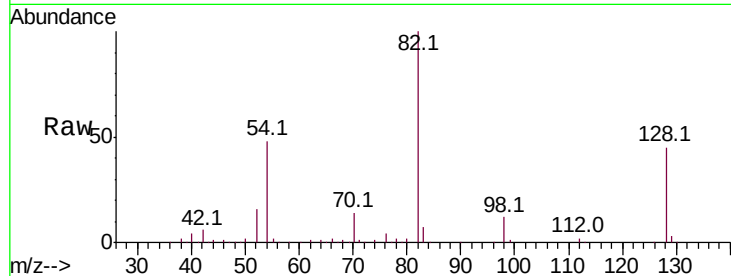




#23
 Nitrobenzene-d5
 Concen: 81.210 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044379.D
 Acq: 11 Feb 2020 7:48

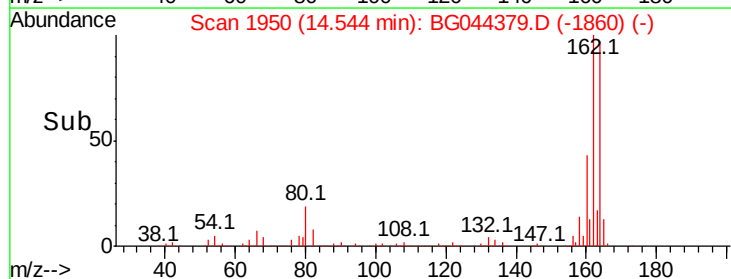
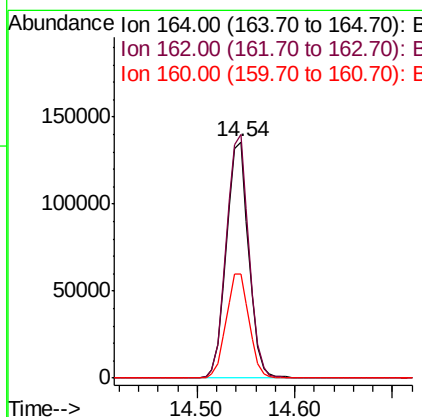
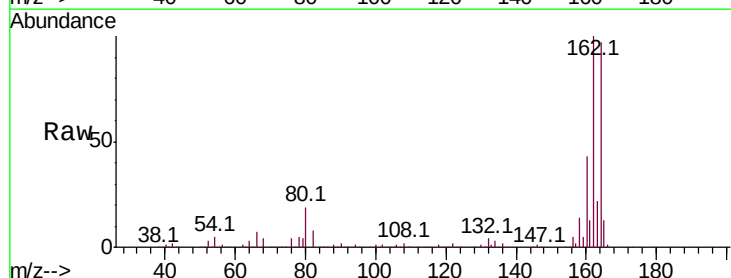
Instrument :
 BNA_G
 ClientSampleId :
 S-3-BY-TANK-EAST

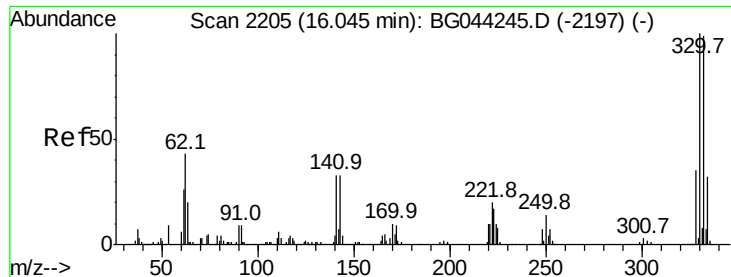
Tot Ion	82	Resp	487537
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.5	54.7
54	48.2	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BG044379.D
 Acq: 11 Feb 2020 7:48

Tgt Ion	164	Resp	215543
Ion Ratio	Lower	Upper	
164	100		
162	103.0	80.7	121.1
160	44.1	35.3	52.9

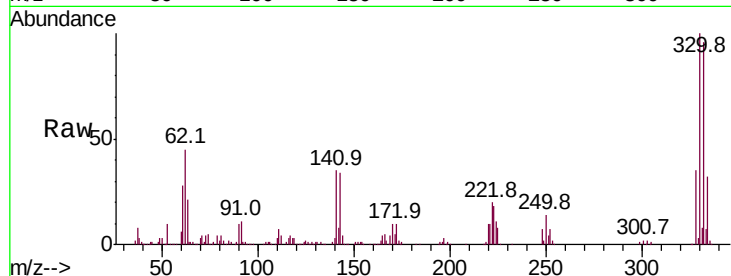




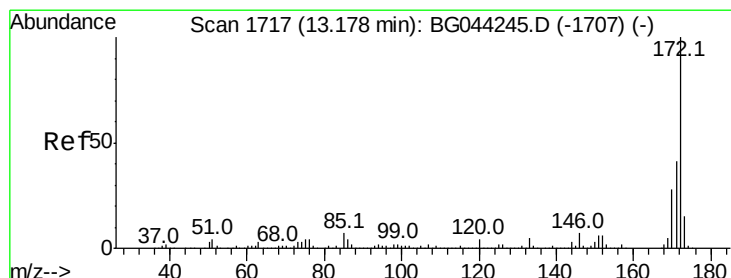
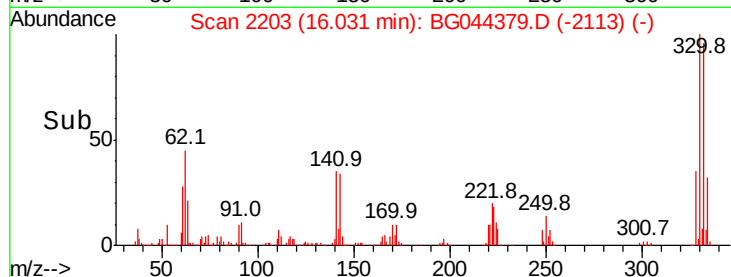
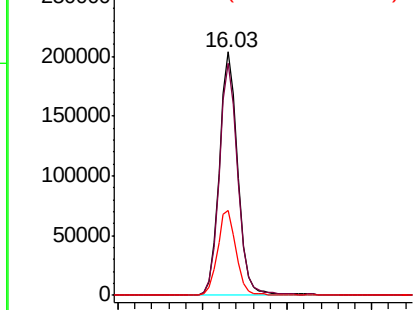
#42
 2,4,6-Tribromophenol
 Concen: 123.784 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BG044379.D
 Acq: 11 Feb 2020 7:48

Instrument :
 BNA_G
 ClientSampleId :
 S-3-BY-TANK-EAST

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.2	115.8
141	35.5	28.3	42.5

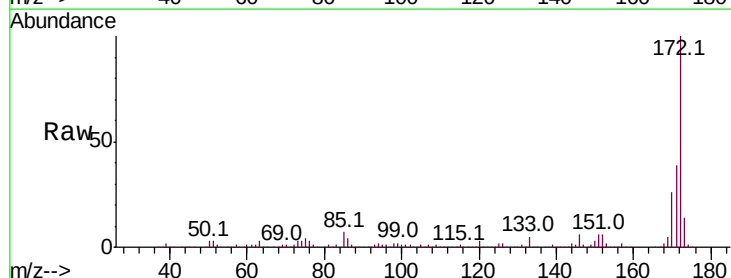


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

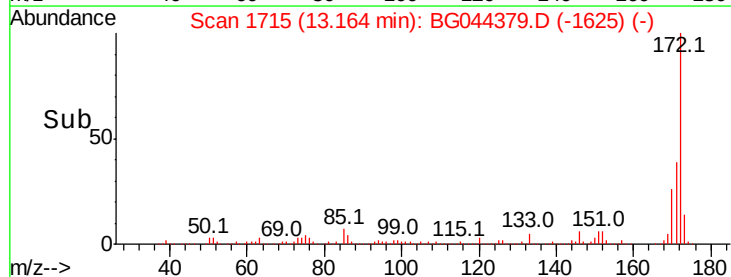
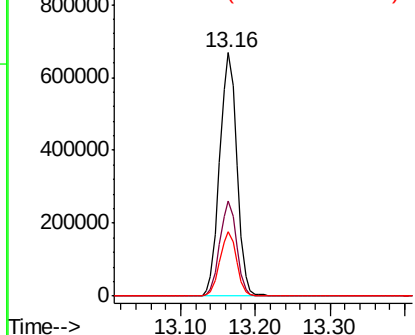


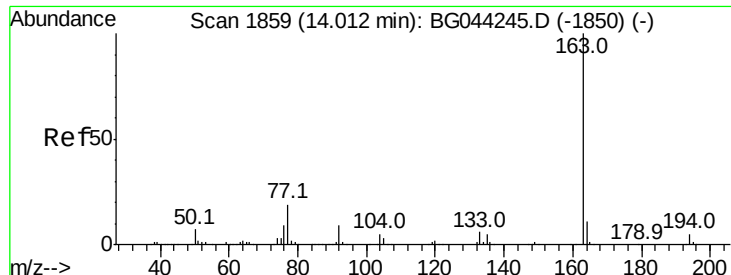
#45
 2-Fluorobiphenyl
 Concen: 83.456 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG044379.D
 Acq: 11 Feb 2020 7:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.9	49.3
170	26.2	22.0	33.0



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: 4.620 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BG044379.D

Acq: 11 Feb 2020 7:48

Instrument :

BNA_G

ClientSampleId :

S-3-BY-TANK-EAST

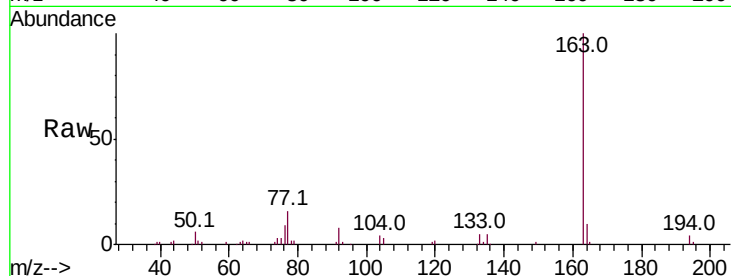
Tot Ion:163 Resp: 71577

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

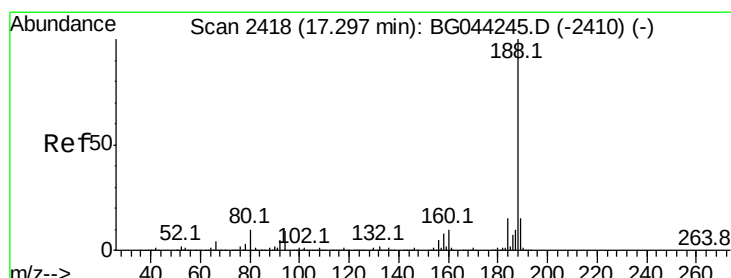
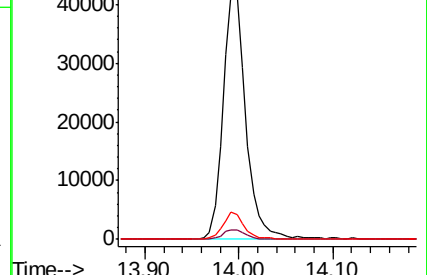
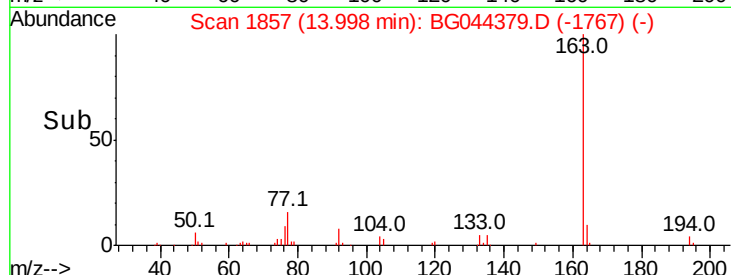
164 9.9 8.7 13.1



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: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044379.D

Acq: 11 Feb 2020 7:48

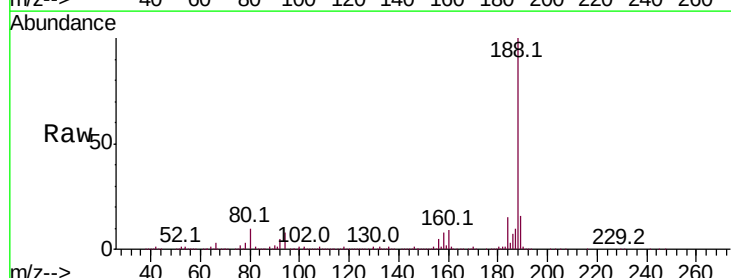
Tgt Ion:188 Resp: 477564

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

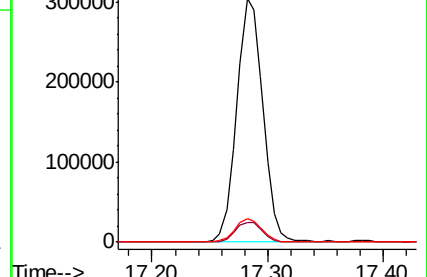
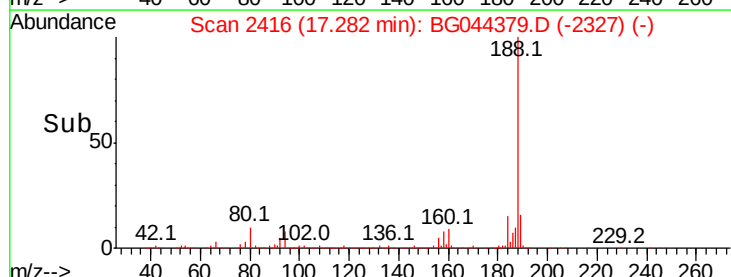
80 9.7 7.7 11.5

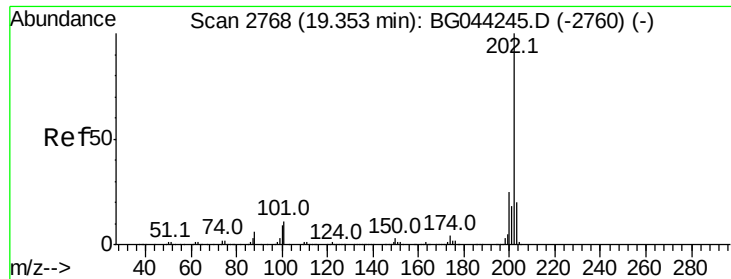


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 2.203 ng

RT: 19.34 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BG044379.D

Acq: 11 Feb 2020 7:48

Instrument :

BNA_G

ClientSampleId :

S-3-BY-TANK-EAST

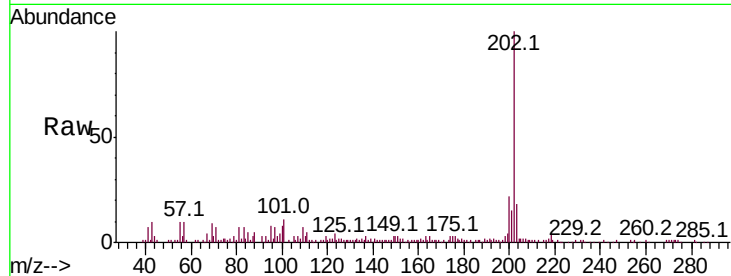
Tot Ion:202 Resp: 58947

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

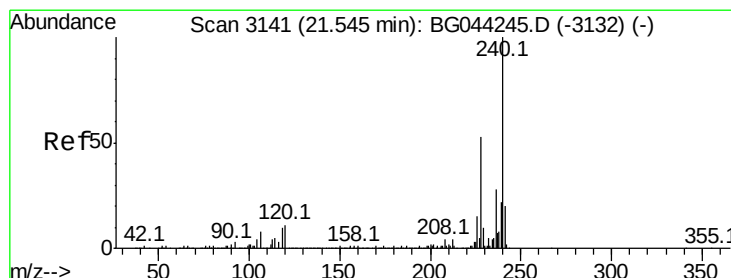
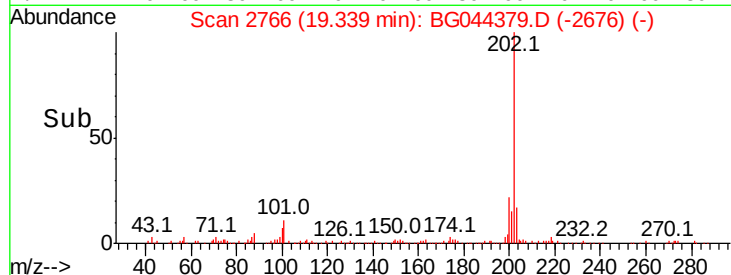
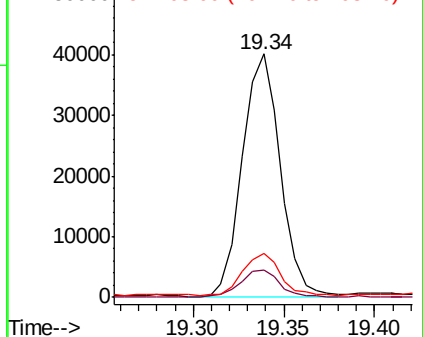
203 18.0 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044379.D

Acq: 11 Feb 2020 7:48

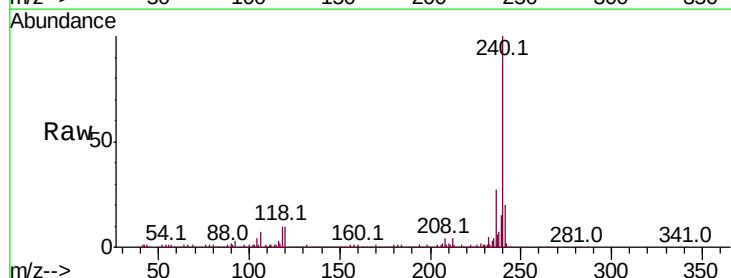
Tgt Ion:240 Resp: 461184

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

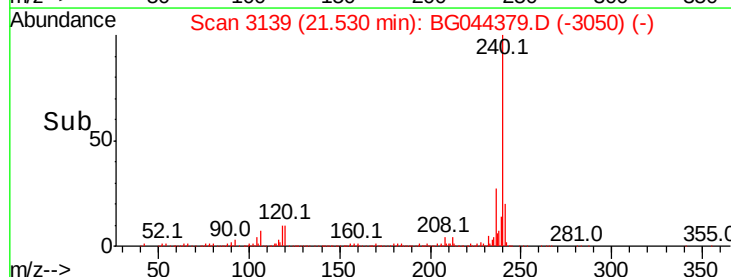
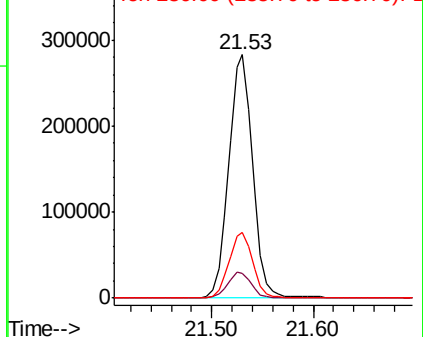
236 26.8 22.1 33.1

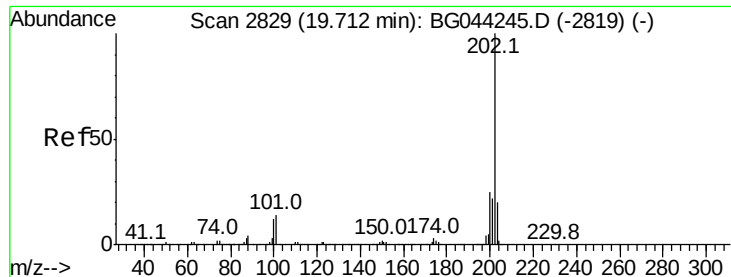


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.195 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG044379.D

Acq: 11 Feb 2020 7:48

Instrument :

BNA_G

ClientSampleId :

S-3-BY-TANK-EAST

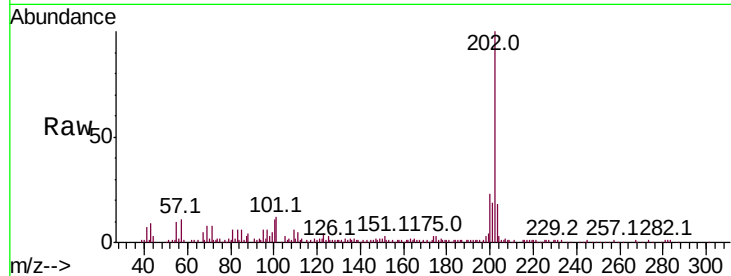
Tot Ion:202 Resp: 65009

Ion Ratio Lower Upper

202 100

200 23.0 20.0 30.0

203 17.7 16.2 24.2

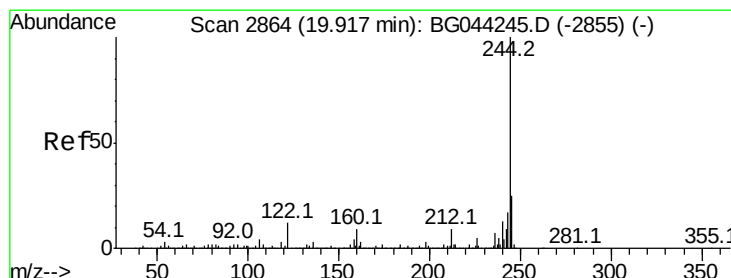
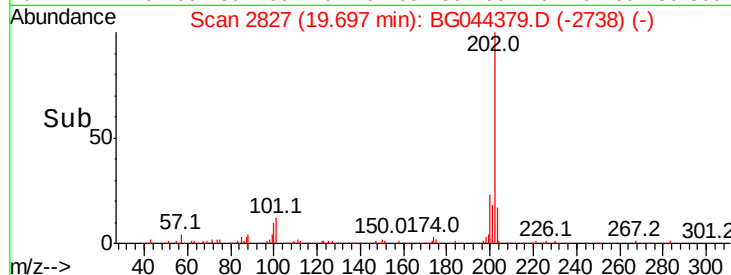
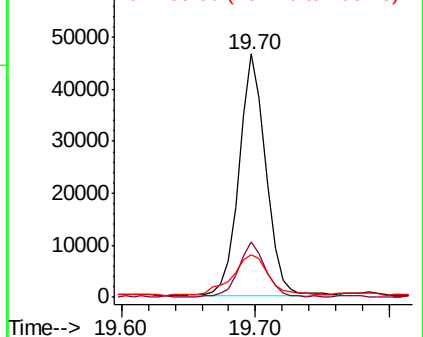


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 72.255 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG044379.D

Acq: 11 Feb 2020 7:48

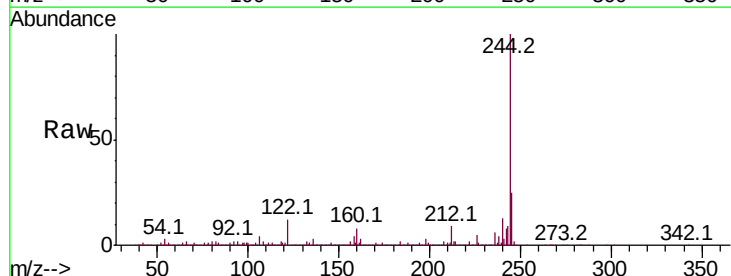
Tgt Ion:244 Resp: 1620082

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

122 12.0 9.8 14.6

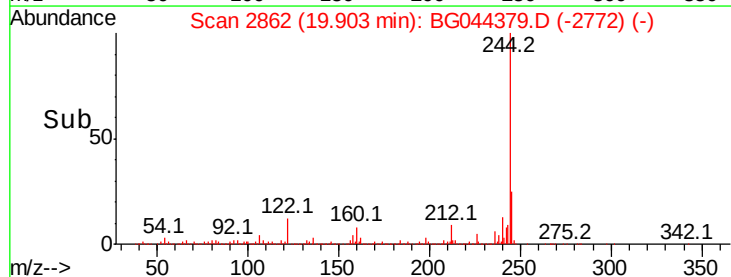
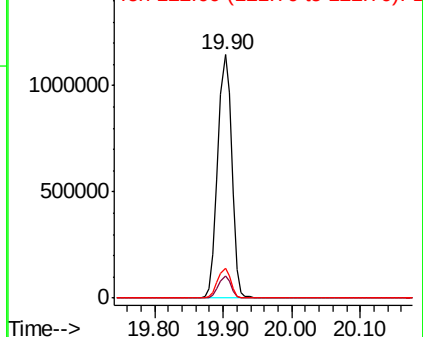


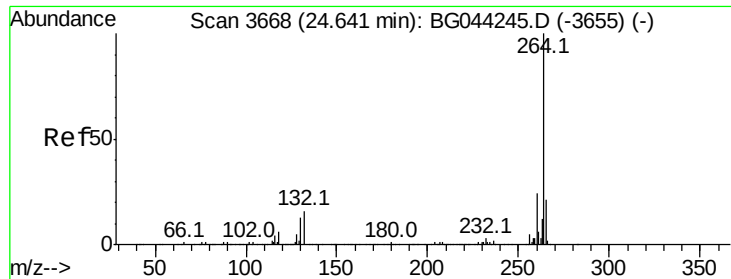
Abundance

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

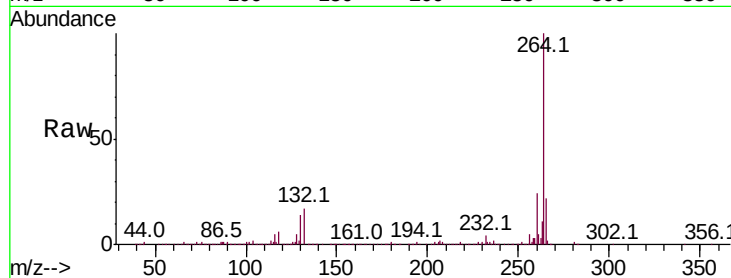




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.61 min Scan# 3663
 Delta R.T. -0.01 min
 Lab File: BG044379.D
 Acq: 11 Feb 2020 7:48

Instrument :
 BNA_G
 ClientSampleId :
 S-3-BY-TANK-EAST

Tot Ion:	264	Resp:	486007
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.0	16.7	25.1



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

