

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044376.D
 Acq On : 11 Feb 2020 5:50
 Operator : CG/JU
 Sample : L1470-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-4-(SIDE-WALL)-WEST

Quant Time: Feb 11 07:30:53 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

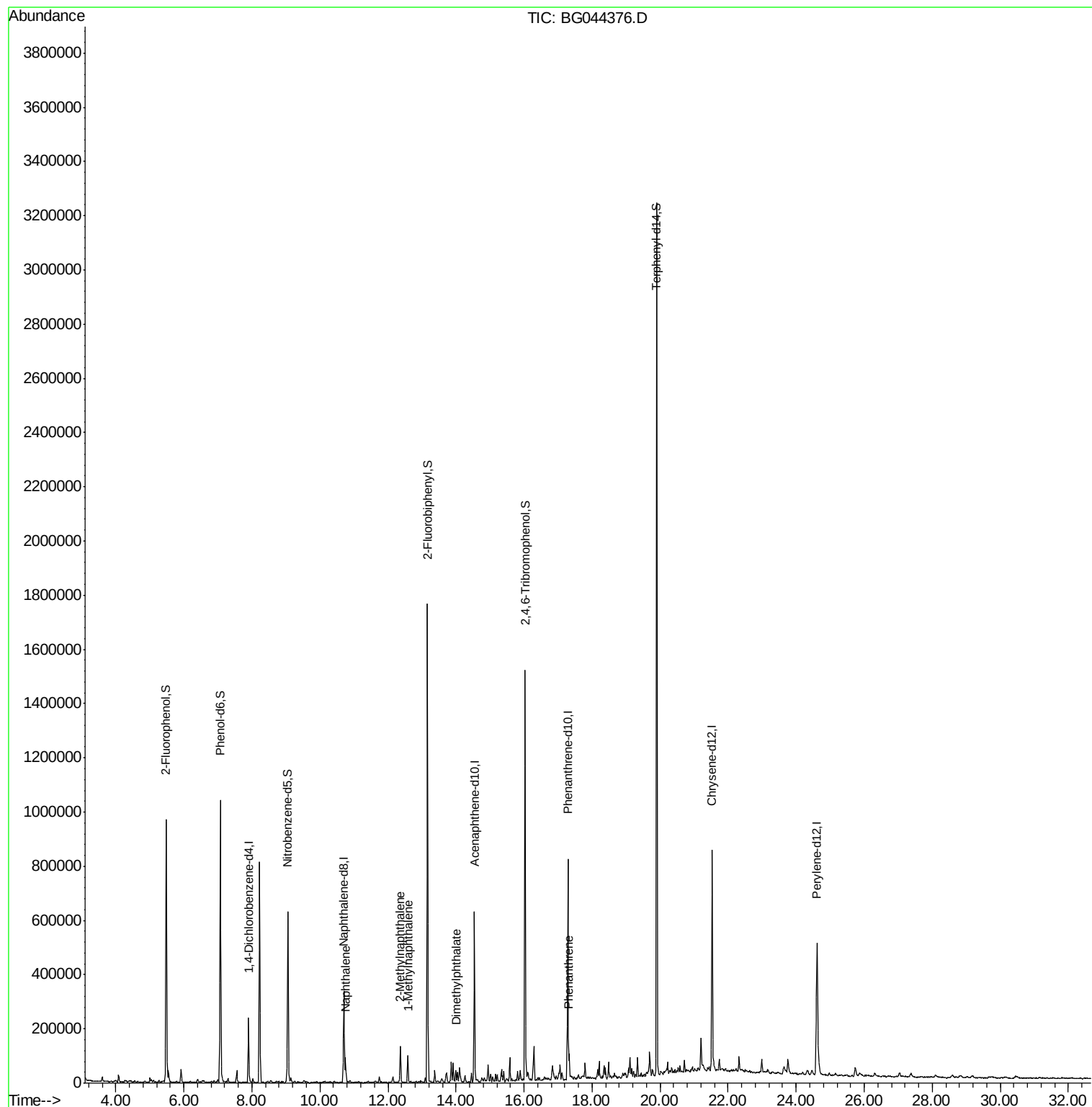
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	68628	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	308258	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	219277	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	503635	20.00	ng	0.00
76) Chrysene-d12	21.53	240	475743	20.00	ng	0.00
87) Perylene-d12	24.61	264	501645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	489121	125.78	ng	0.00
7) Phenol-d6	7.07	99	674606	129.19	ng	0.00
23) Nitrobenzene-d5	9.06	82	414111	75.84	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	296741	115.28	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	976261	74.55	ng	0.00
79) Terphenyl-d14	19.90	244	1557243	67.33	ng	0.00
Target Compounds						
31) Naphthalene	10.75	128	78271	5.234	ng	97
37) 2-Methylnaphthalene	12.36	142	71449	6.434	ng	97
38) 1-Methylnaphthalene	12.59	142	51476	4.917	ng	100
50) Dimethylphthalate	14.00	163	32265	2.047	ng	99
71) Phenanthrene	17.33	178	61534	2.523	ng	99

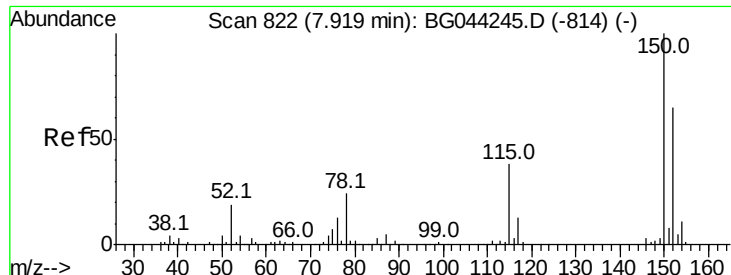
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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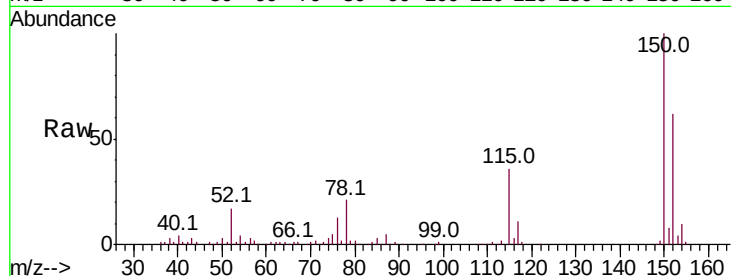


#1

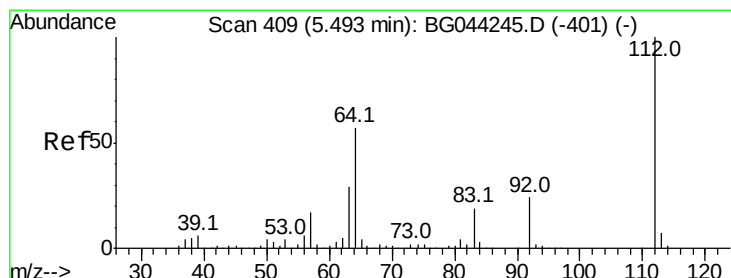
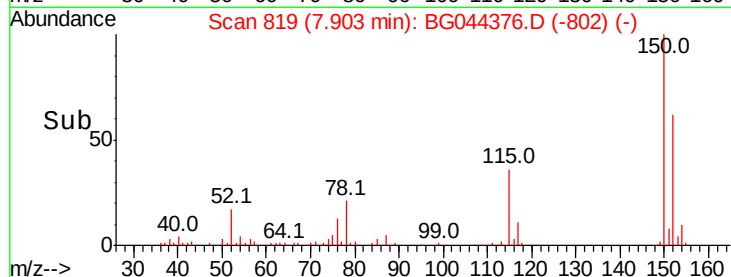
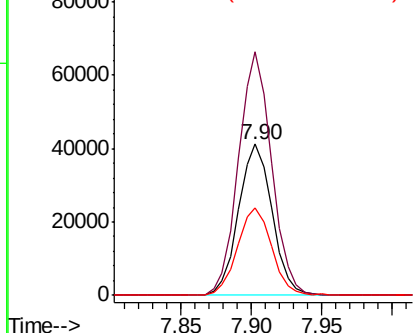
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG044376.D
 Acq: 11 Feb 2020 5:50

Instrument :
 BNA_G
 ClientSampleId :
 PE-4-(SIDE-WALL)-WEST

Tot Ion:152 Resp: 68628
 Ion Ratio Lower Upper
 152 100
 150 161.3 122.6 183.8
 115 58.3 46.0 69.0



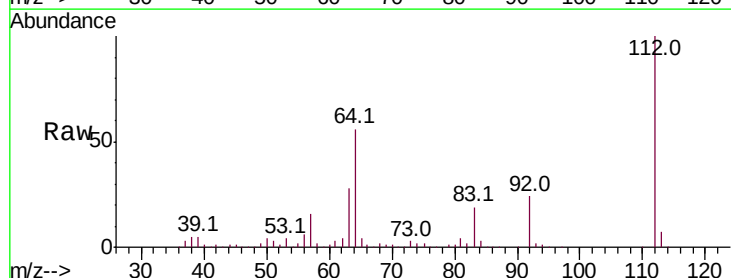
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



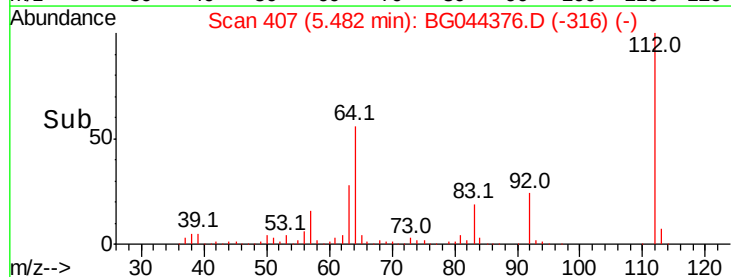
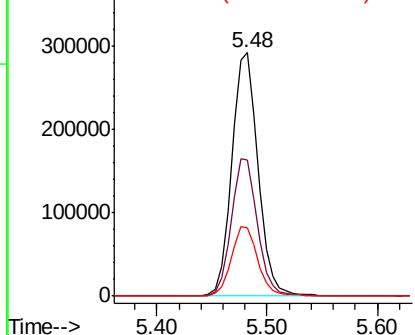
#5

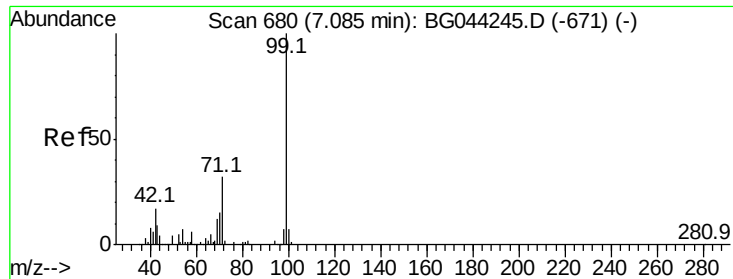
2-Fluorophenol
 Concen: 125.783 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044376.D
 Acq: 11 Feb 2020 5:50

Tgt Ion:112 Resp: 489121
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.4 68.2
 63 28.3 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: 129.190 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044376.D

Acq: 11 Feb 2020 5:50

Instrument :

BNA_G

ClientSampleId :

PE-4-(SIDE-WALL)-WEST

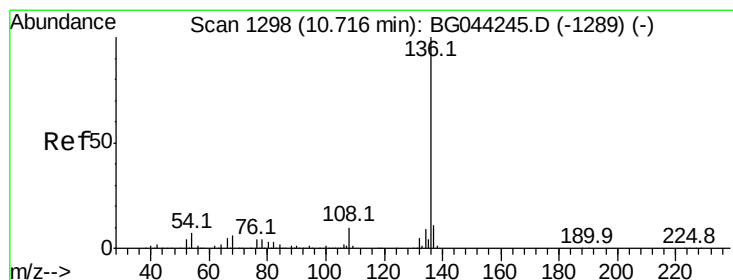
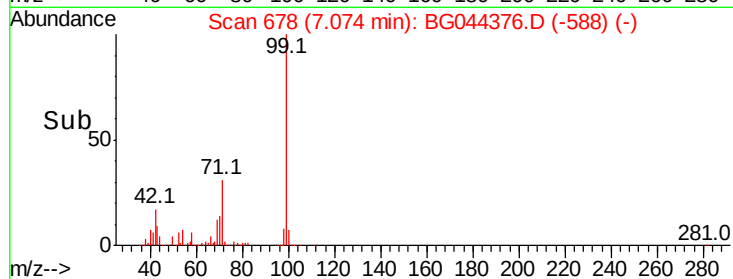
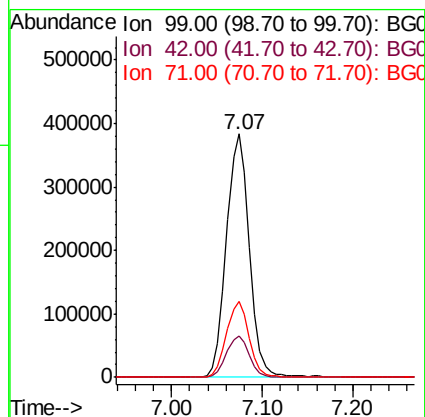
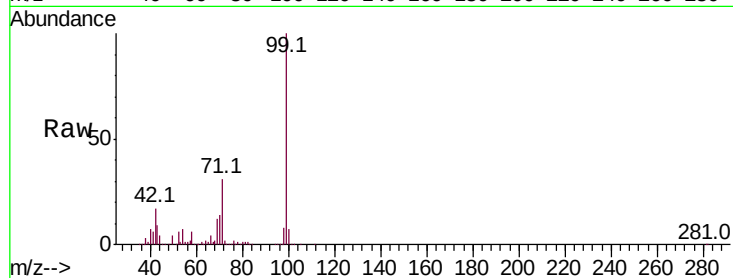
Tot Ion: 99 Resp: 674606

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

71 31.4 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044376.D

Acq: 11 Feb 2020 5:50

Tgt Ion: 136 Resp: 308258

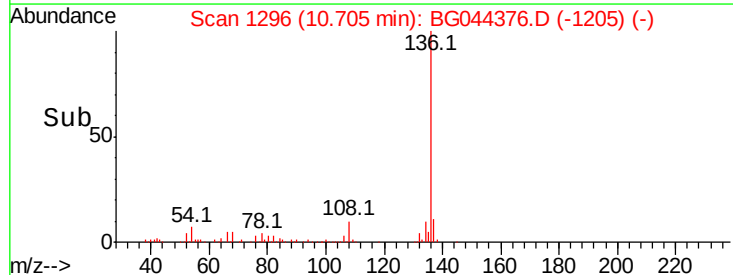
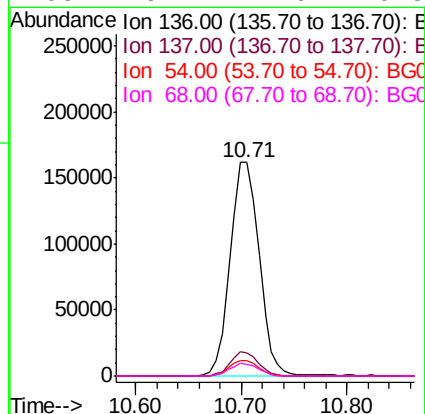
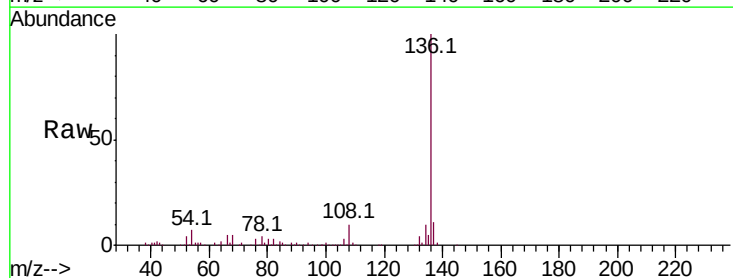
Ion Ratio Lower Upper

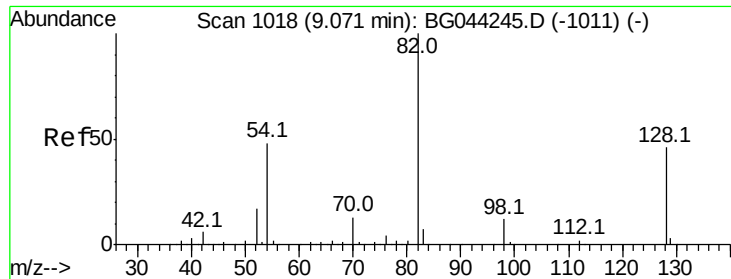
136 100

137 10.7 8.8 13.2

54 7.1 5.8 8.8

68 5.4 4.6 6.8

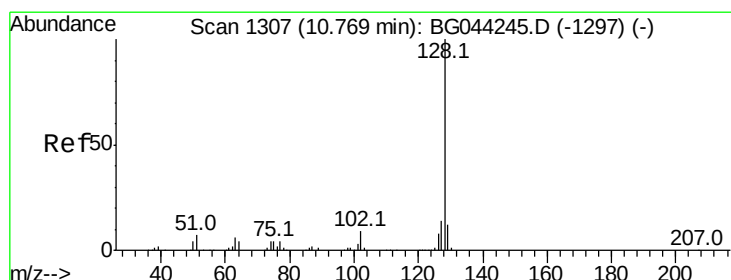
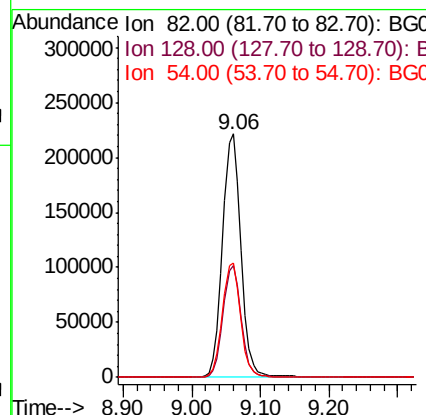
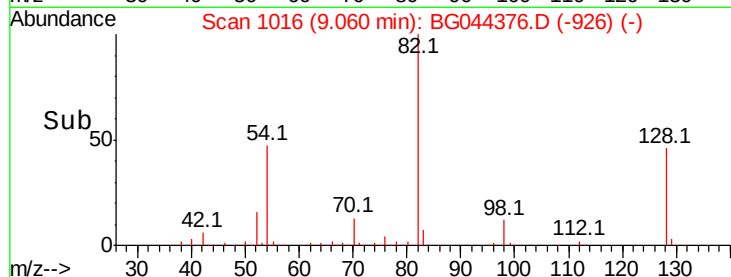
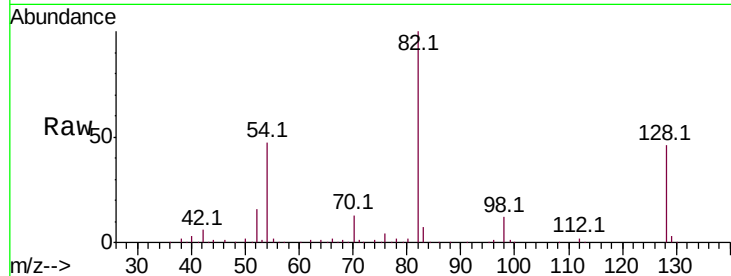




#23
Nitrobenzene-d5
Concen: 75.843 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044376.D
Acq: 11 Feb 2020 5:50

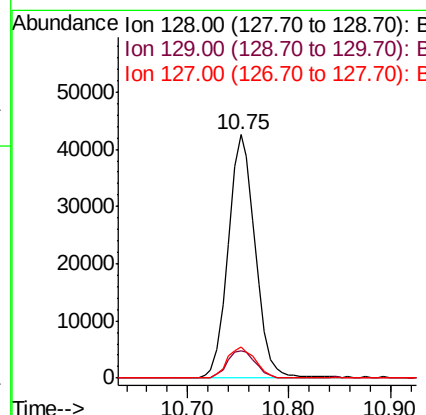
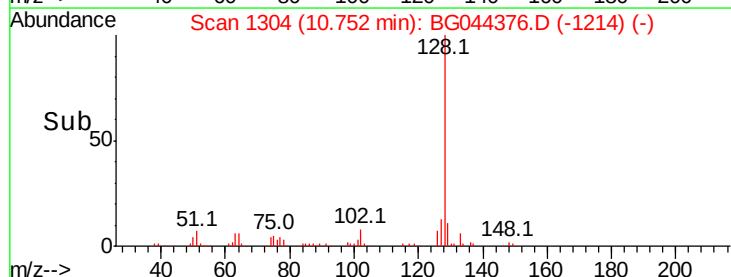
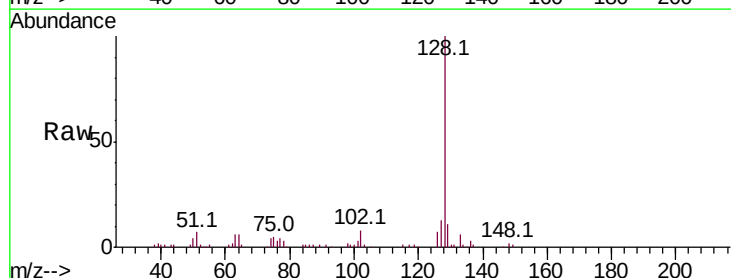
Instrument :
BNA_G
ClientSampleId :
PE-4-(SIDE-WALL)-WEST

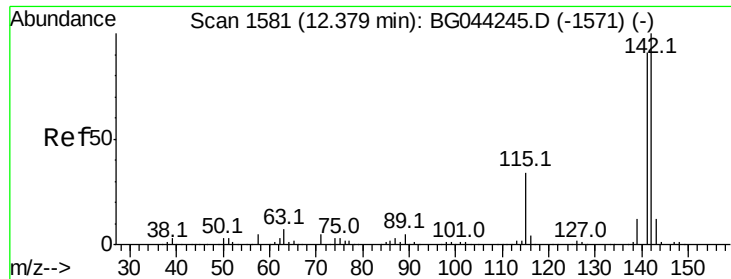
Tot Ion: 82 Resp: 414111
Ion Ratio Lower Upper
82 100
128 46.0 36.5 54.7
54 47.0 38.6 58.0



#31
Naphthalene
Concen: 5.234 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG044376.D
Acq: 11 Feb 2020 5:50

Tgt Ion: 128 Resp: 78271
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 12.9 11.6 17.4

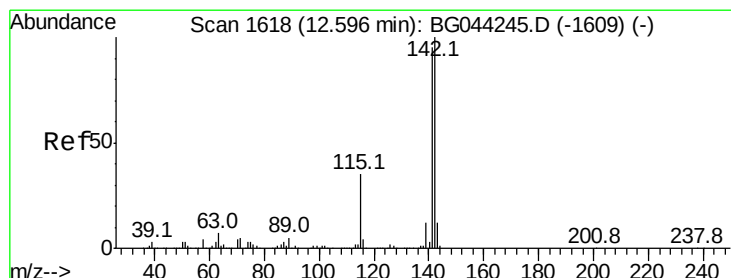
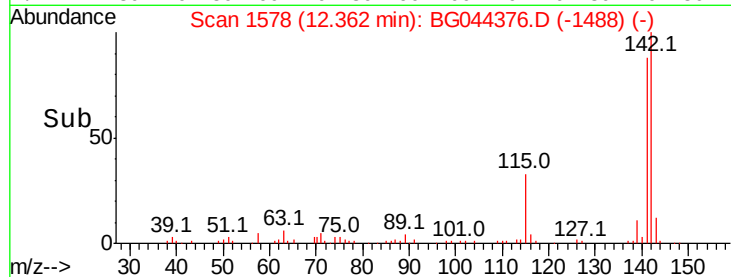
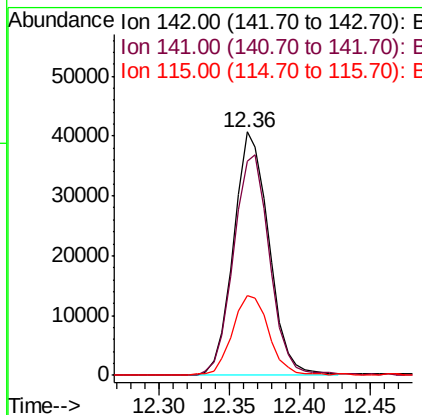
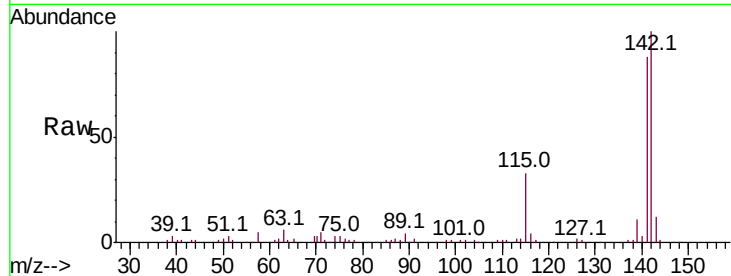




#37
 2-Methylnaphthalene
 Concen: 6.434 ng
 RT: 12.36 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BG044376.D
 Acq: 11 Feb 2020 5:50

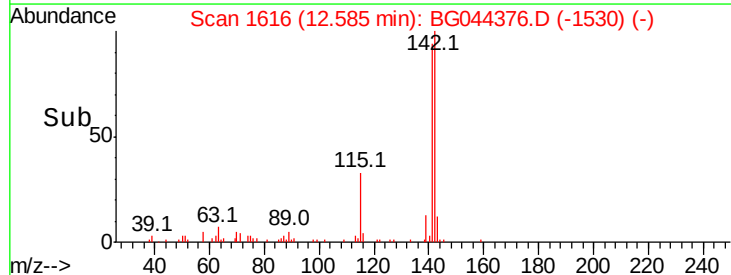
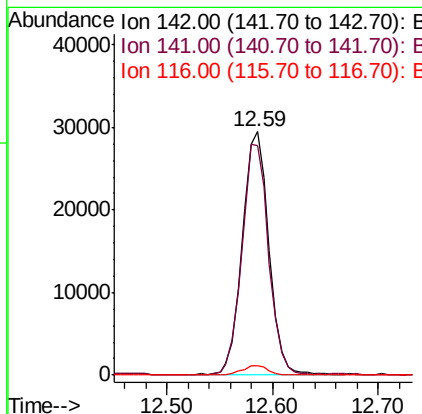
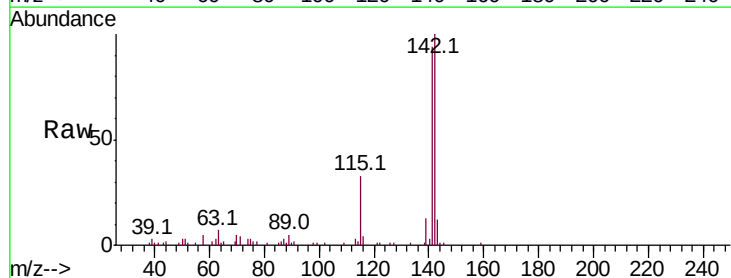
Instrument :
 BNA_G
 ClientSampleId :
 PE-4-(SIDE-WALL)-WEST

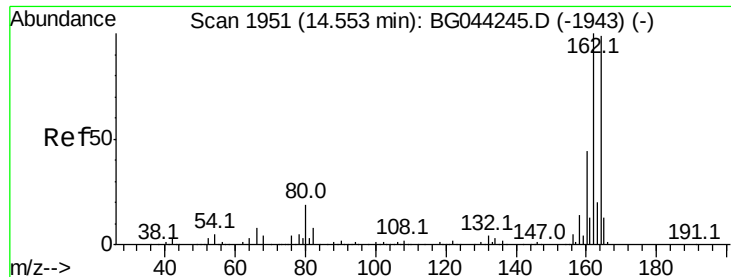
Tot Ion:142 Resp: 71449
 Ion Ratio Lower Upper
 142 100
 141 88.1 73.2 109.8
 115 32.6 27.1 40.7



#38
 1-Methylnaphthalene
 Concen: 4.917 ng
 RT: 12.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BG044376.D
 Acq: 11 Feb 2020 5:50

Tgt Ion:142 Resp: 51476
 Ion Ratio Lower Upper
 142 100
 141 94.4 75.8 113.6
 116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG044376.D

Acq: 11 Feb 2020 5:50

Instrument :

BNA_G

ClientSampleId :

PE-4-(SIDE-WALL)-WEST

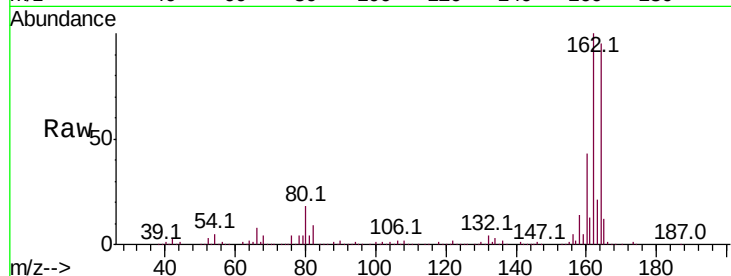
Tot Ion:164 Resp: 219277

Ion Ratio Lower Upper

164 100

162 105.0 80.7 121.1

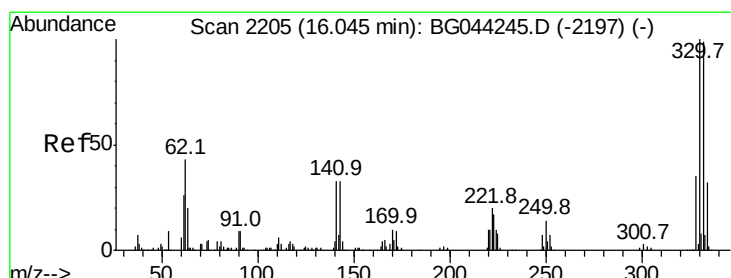
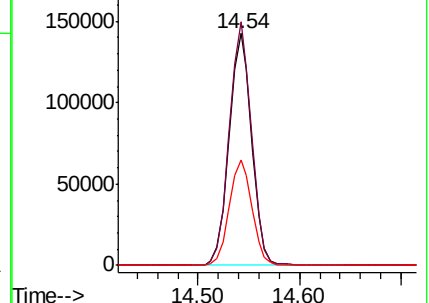
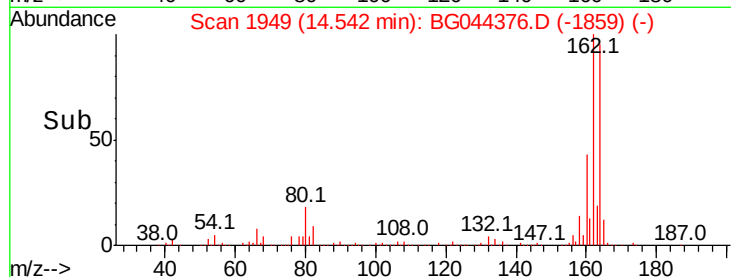
160 45.3 35.3 52.9



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: 115.276 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044376.D

Acq: 11 Feb 2020 5:50

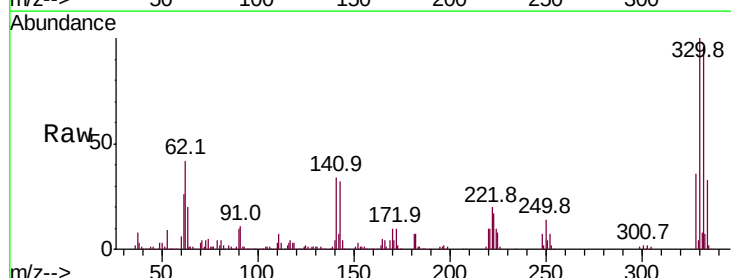
Tgt Ion:330 Resp: 296741

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

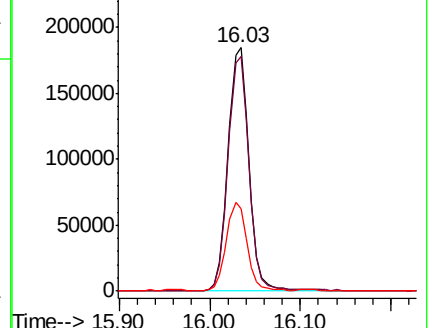
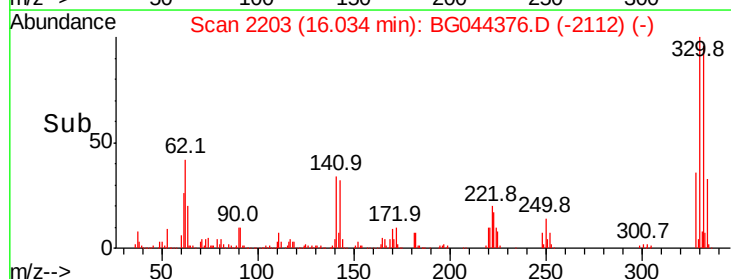
141 35.6 28.3 42.5

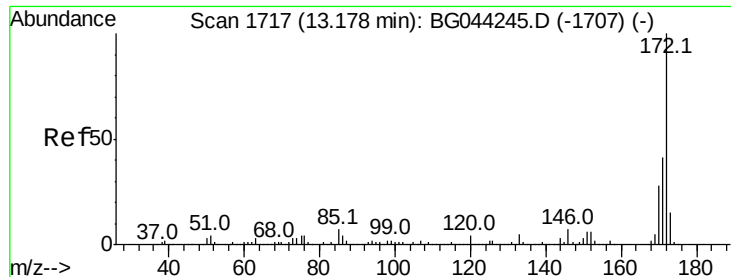


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

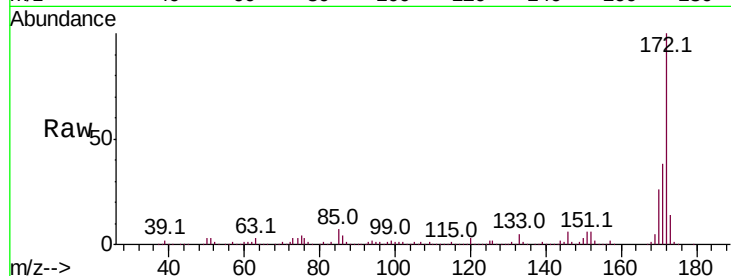




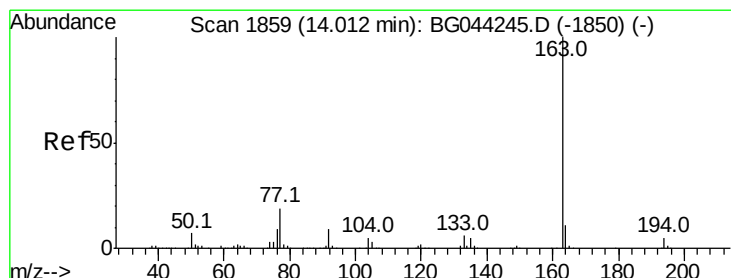
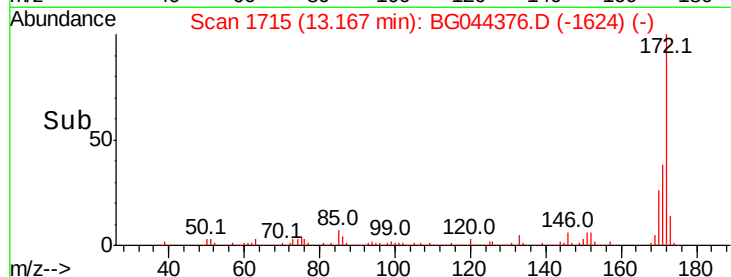
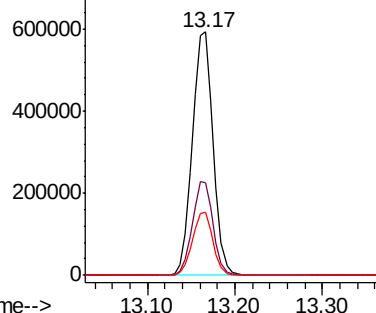
#45
 2-Fluorobiphenyl
 Concen: 74.554 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044376.D
 Acq: 11 Feb 2020 5:50

Instrument :
 BNA_G
 ClientSampleId :
 PE-4-(SIDE-WALL)-WEST

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.9	49.3
170	25.9	22.0	33.0

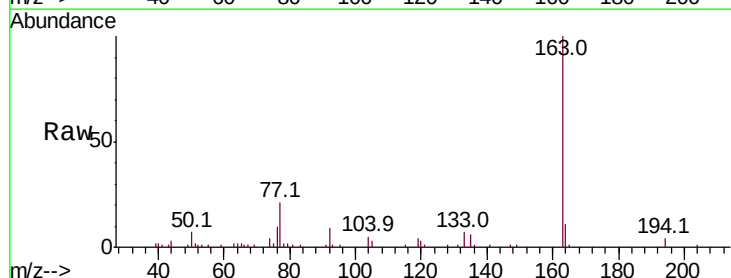


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

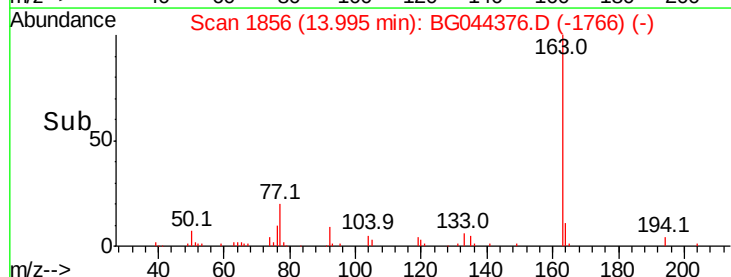
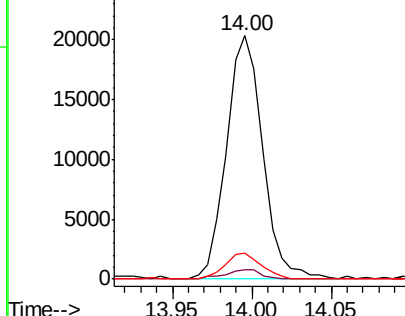


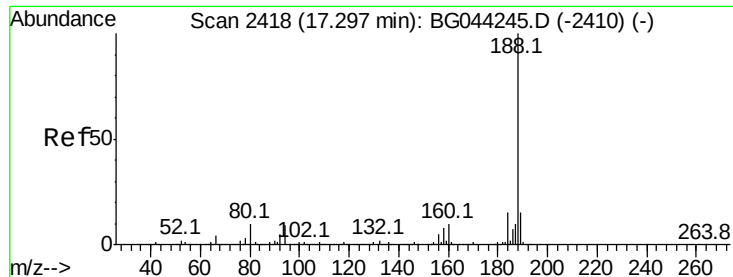
#50
 Dimethylphthalate
 Concen: 2.047 ng
 RT: 14.00 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BG044376.D
 Acq: 11 Feb 2020 5:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	10.6	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: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044376.D

Acq: 11 Feb 2020 5:50

Instrument :

BNA_G

ClientSampleId :

PE-4-(SIDE-WALL)-WEST

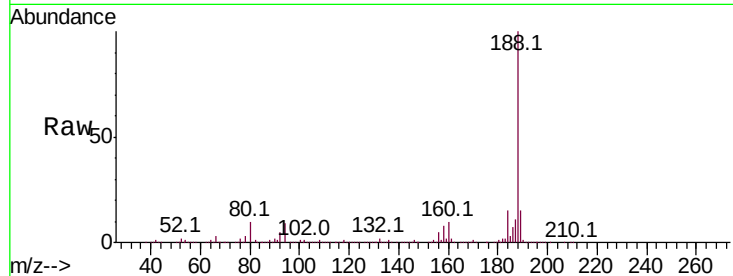
Tot Ion:188 Resp: 503635

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

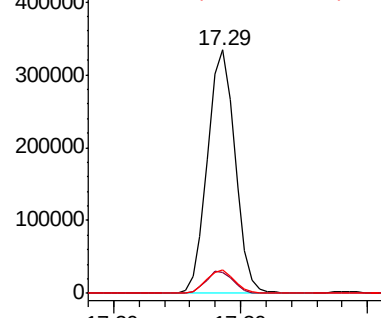
80 9.7 7.7 11.5



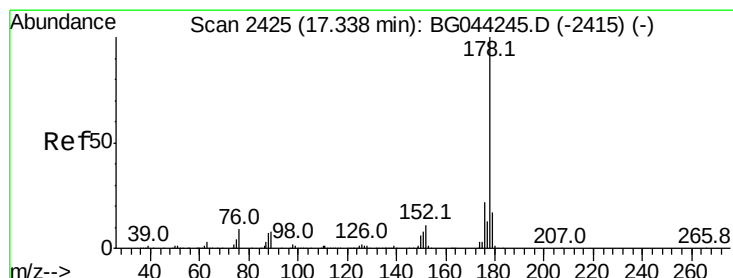
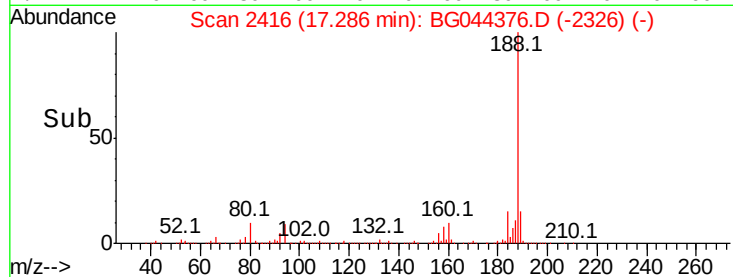
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time-->



#71

Phenanthrene

Concen: 2.523 ng

RT: 17.33 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BG044376.D

Acq: 11 Feb 2020 5:50

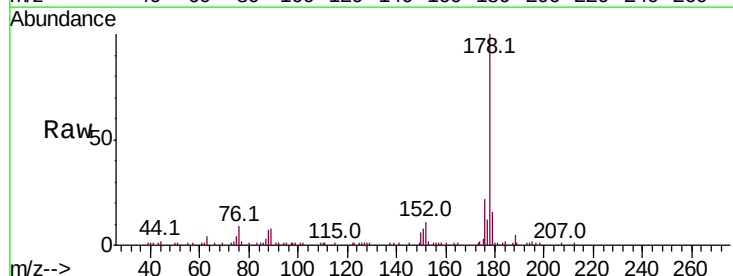
Tgt Ion:178 Resp: 61534

Ion Ratio Lower Upper

178 100

176 21.7 17.7 26.5

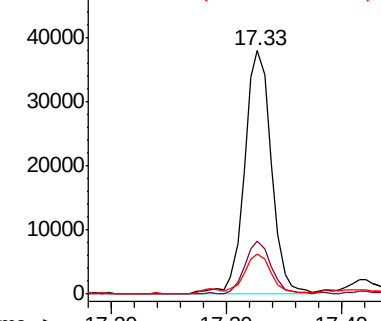
179 16.3 13.7 20.5



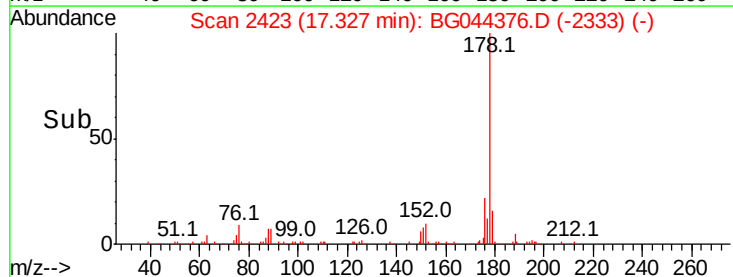
Abundance Ion 178.00 (177.70 to 178.70): E

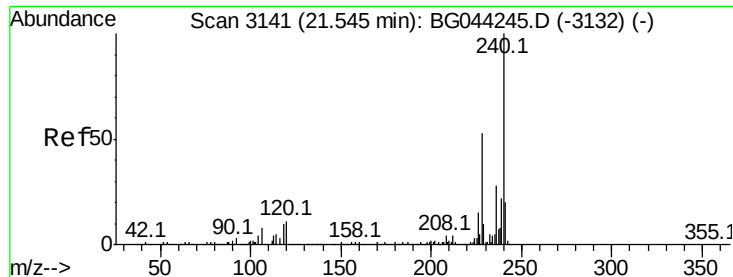
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044376.D

Acq: 11 Feb 2020 5:50

Instrument :

BNA_G

ClientSampleId :

PE-4-(SIDE-WALL)-WEST

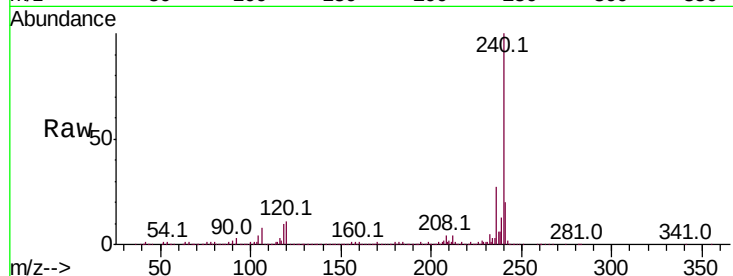
Tot Ion:240 Resp: 475743

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

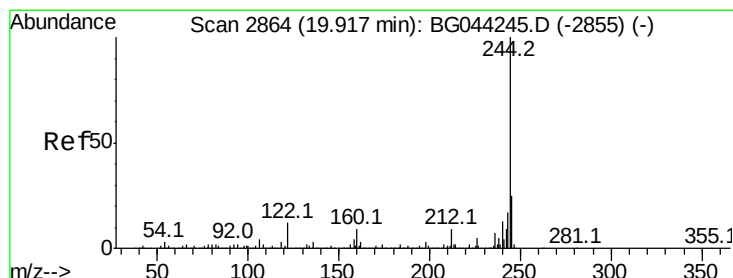
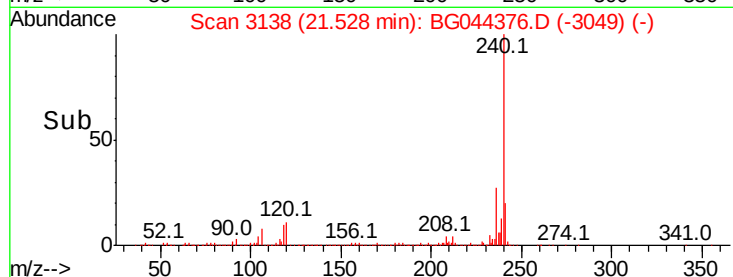
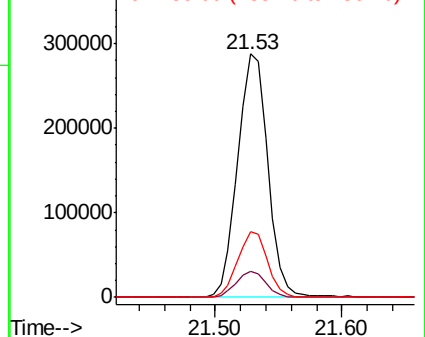
236 26.8 22.1 33.1



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



#79

Terphenyl-d14

Concen: 67.327 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044376.D

Acq: 11 Feb 2020 5:50

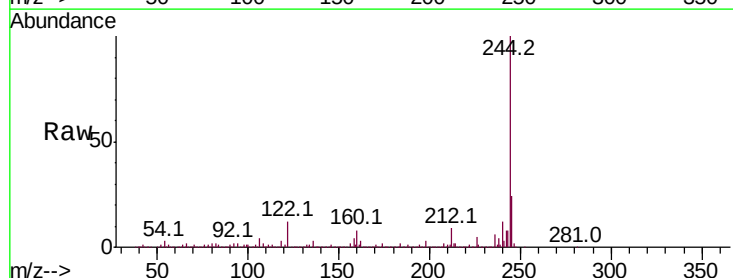
Tgt Ion:244 Resp: 1557243

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

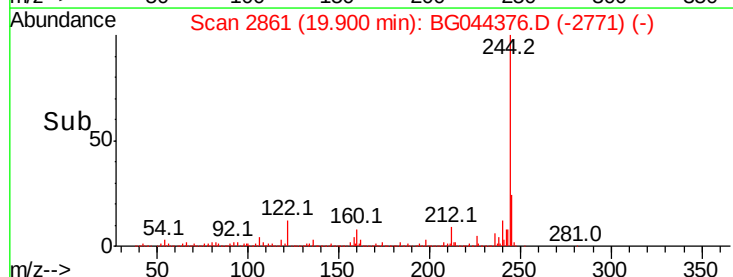
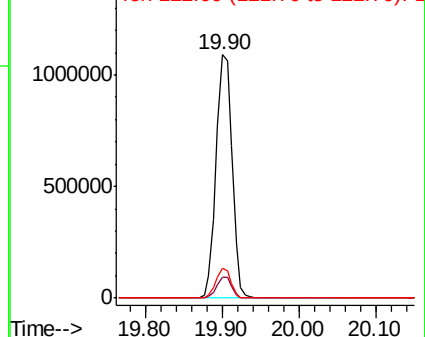
122 12.2 9.8 14.6

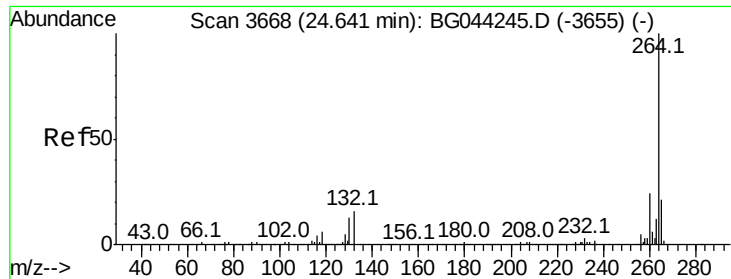


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

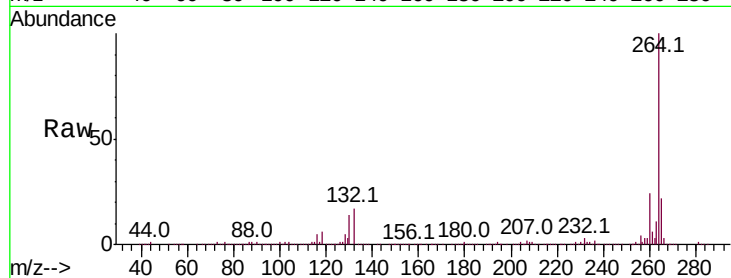




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044376.D
Acq: 11 Feb 2020 5:50

Instrument :
BNA_G
ClientSampleId :
PE-4-(SIDE-WALL)-WEST

Tot Ion:	264	Resp:	501645
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.8	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

