

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044367.D
 Acq On : 10 Feb 2020 21:57
 Operator : CG/JU
 Sample : L1470-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-5-(SIDE-WALL)-SOUTH

Quant Time: Feb 11 03:12:56 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

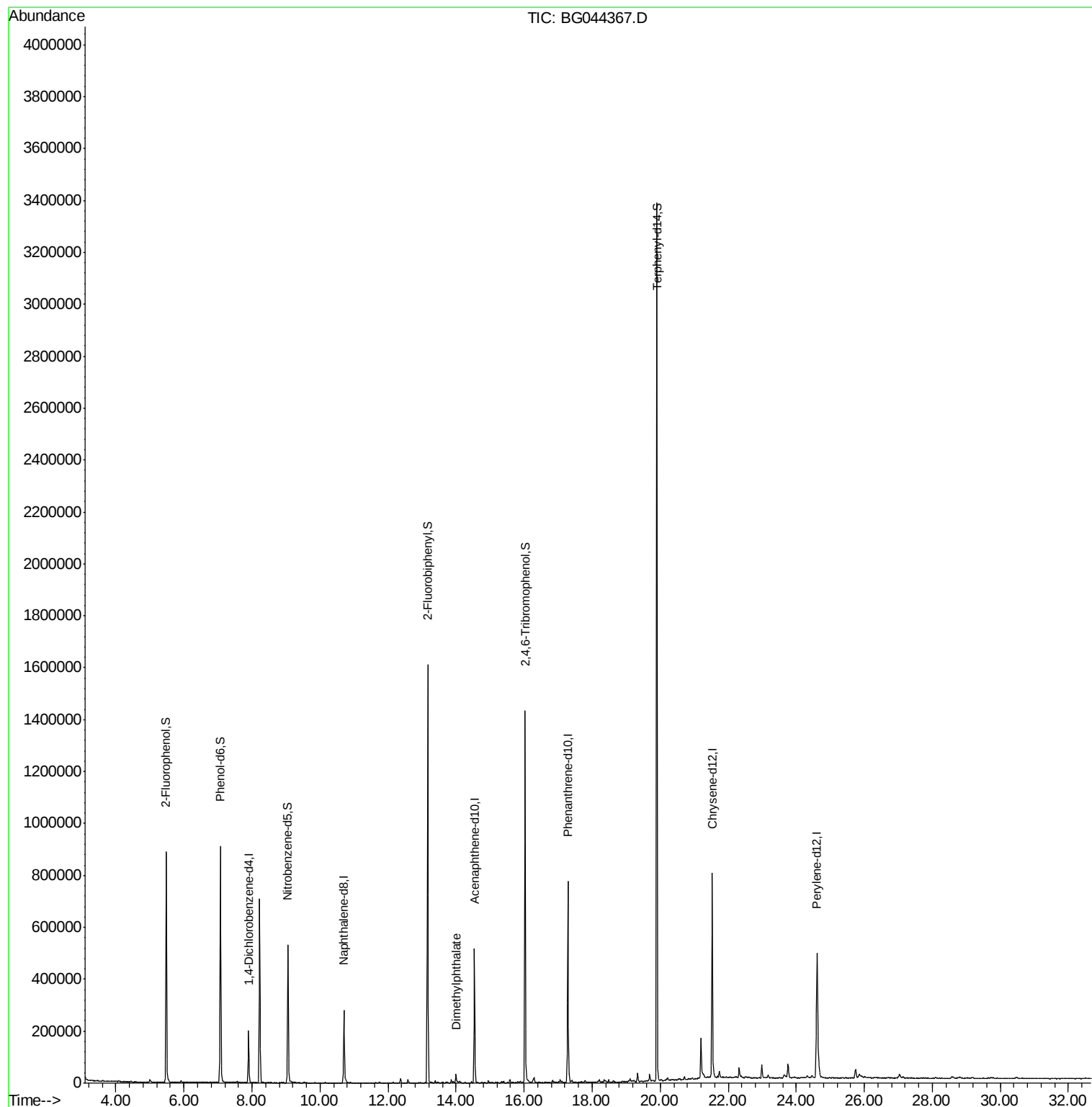
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	60365	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	266060	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	191254	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	482169	20.00	ng	0.00
76) Chrysene-d12	21.53	240	471017	20.00	ng	0.00
87) Perylene-d12	24.62	264	489932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	437241	127.83	ng	0.00
7) Phenol-d6	7.07	99	595619	129.68	ng	0.00
23) Nitrobenzene-d5	9.06	82	354324	75.19	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	282953	126.03	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	893764	78.25	ng	0.00
79) Terphenyl-d14	19.90	244	1629302	71.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	29818	2.169	ng	Qvalue 97

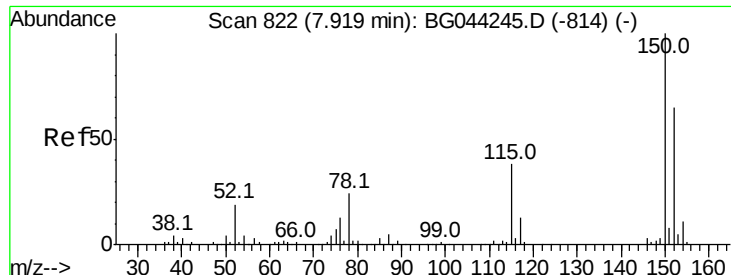
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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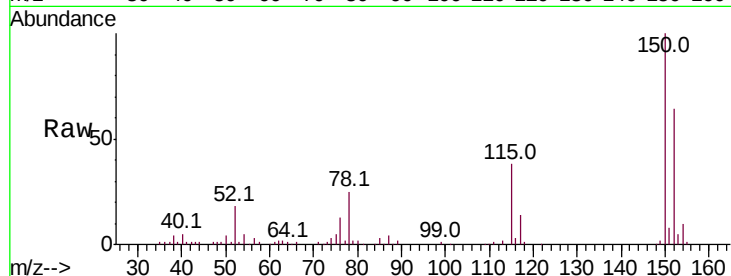


#1

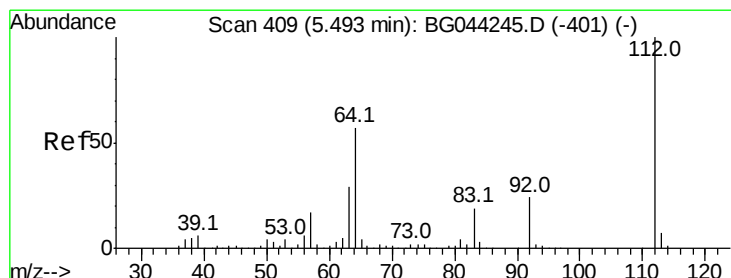
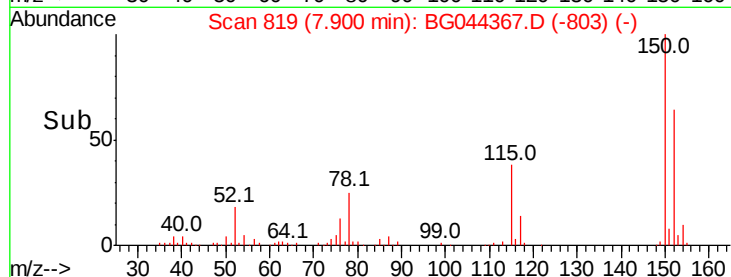
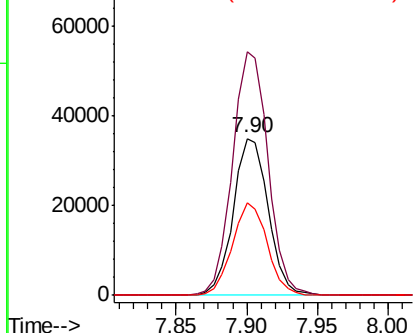
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG044367.D
 Acq: 10 Feb 2020 21:57

Instrument :
 BNA_G
 ClientSampleId :
 PE-5-(SIDE-WALL)-SOUTH

Tot Ion:152 Resp: 60365
 Ion Ratio Lower Upper
 152 100
 150 155.4 122.6 183.8
 115 58.9 46.0 69.0



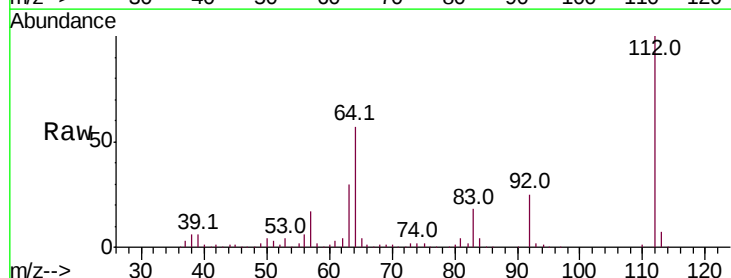
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



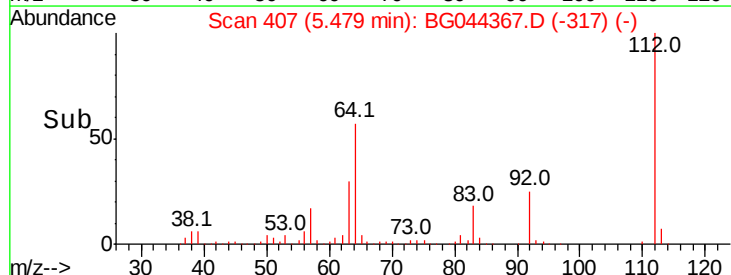
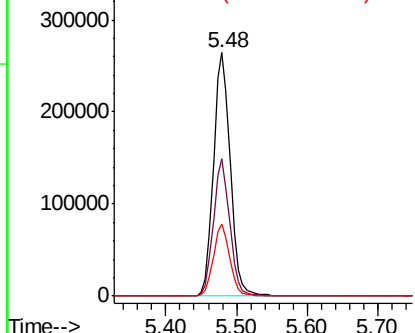
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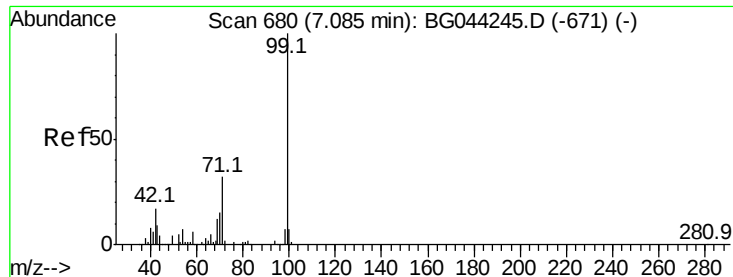
2-Fluorophenol
 Concen: 127.833 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044367.D
 Acq: 10 Feb 2020 21:57

Tgt Ion:112 Resp: 437241
 Ion Ratio Lower Upper
 112 100
 64 56.6 45.4 68.2
 63 29.6 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: 129.677 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044367.D

Acq: 10 Feb 2020 21:57

Instrument :

BNA_G

ClientSampleId :

PE-5-(SIDE-WALL)-SOUTH

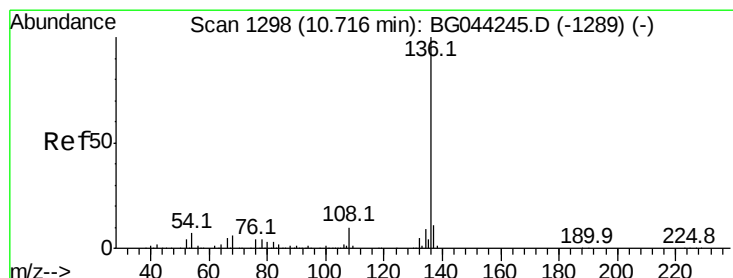
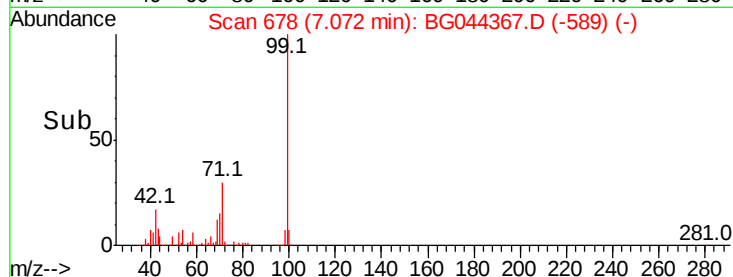
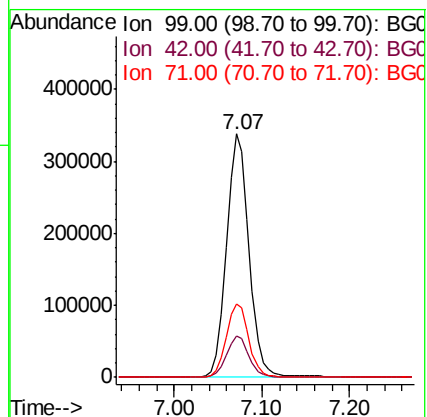
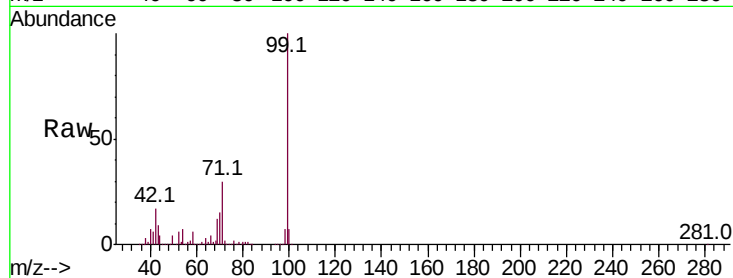
Tot Ion: 99 Resp: 595619

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.6

71 30.3 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: BG044367.D

Acq: 10 Feb 2020 21:57

Tgt Ion: 136 Resp: 266060

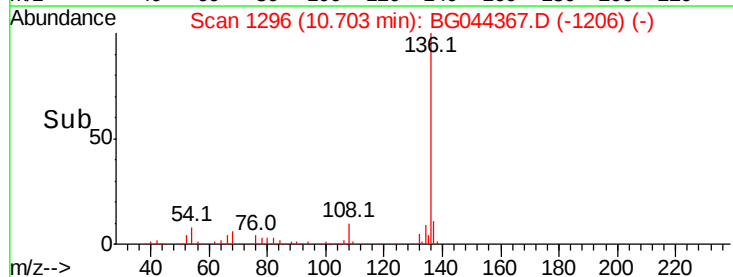
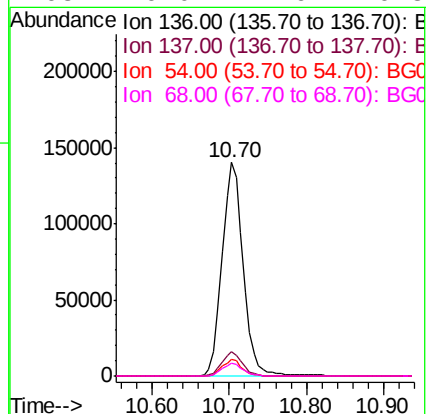
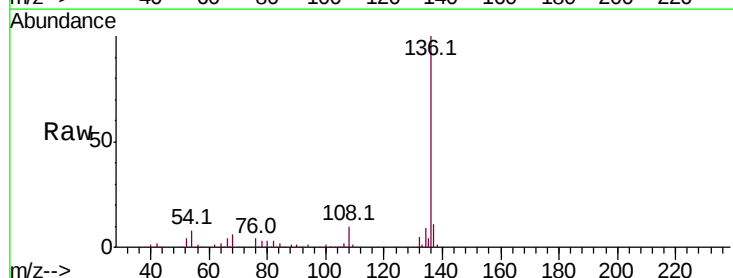
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.8 5.8 8.8

68 6.0 4.6 6.8

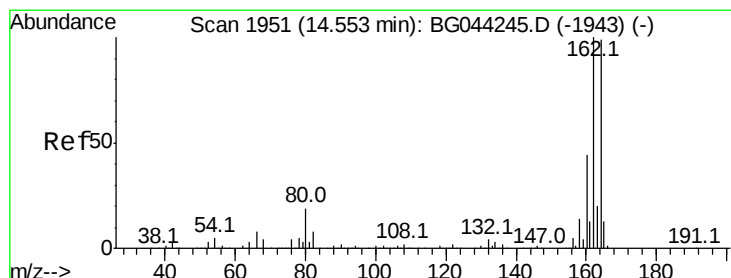
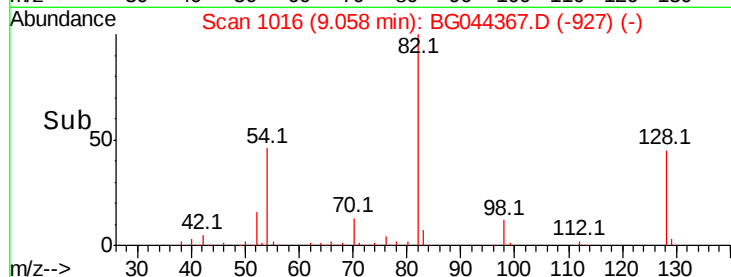
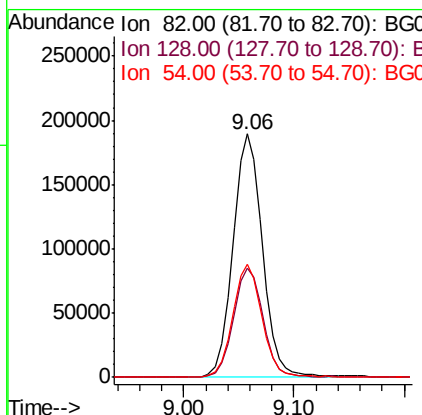
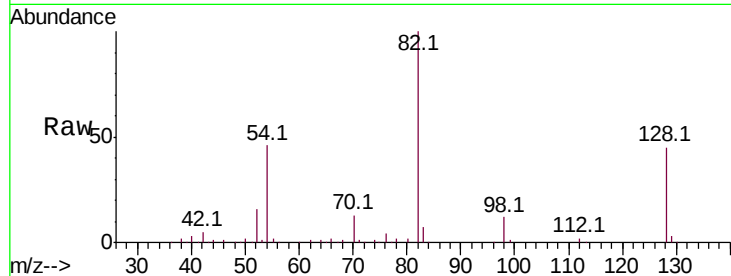




#23
Nitrobenzene-d5
Concen: 75.185 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044367.D
Acq: 10 Feb 2020 21:57

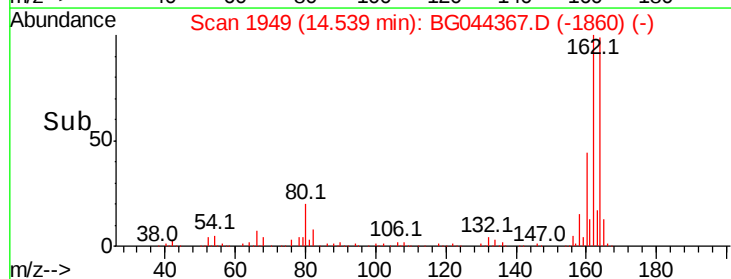
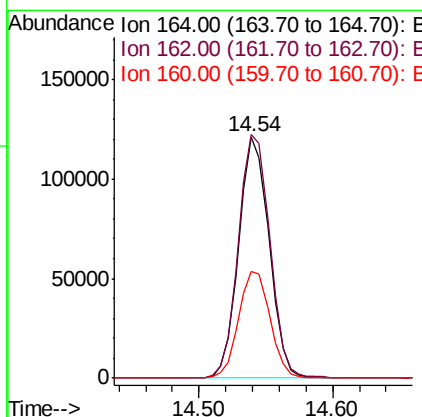
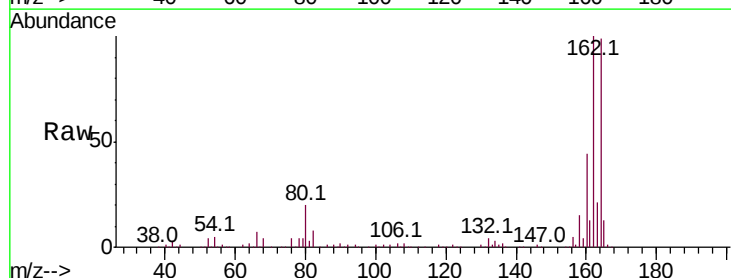
Instrument :
BNA_G
ClientSampleId :
PE-5-(SIDE-WALL)-SOUTH

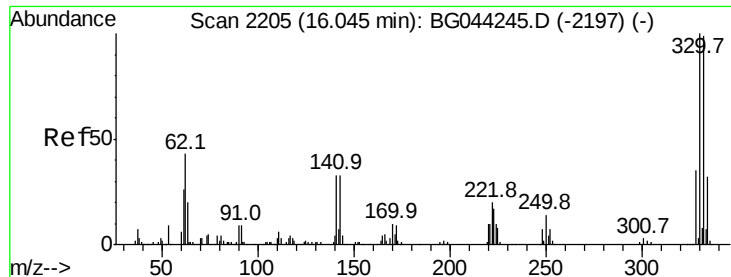
Tot Ion	82	Resp	354324
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.5	54.7
54	46.4	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044367.D
Acq: 10 Feb 2020 21:57

Tgt Ion	164	Resp	191254
Ion Ratio	Lower	Upper	
164	100		
162	100.8	80.7	121.1
160	44.3	35.3	52.9

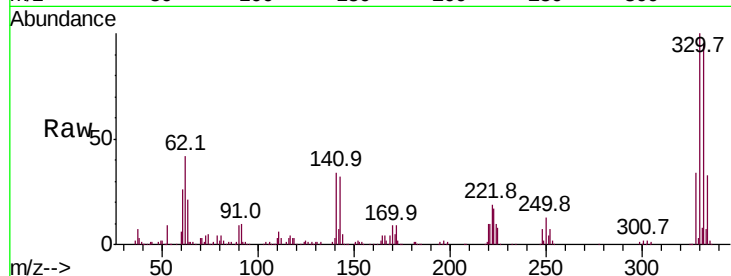




#42
 2,4,6-Tribromophenol
 Concen: 126.025 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG044367.D
 Acq: 10 Feb 2020 21:57

Instrument :
 BNA_G
 ClientSampleId :
 PE-5-(SIDE-WALL)-SOUTH

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	35.4	28.3	42.5

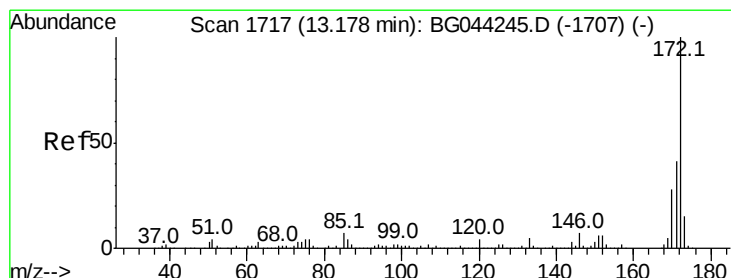
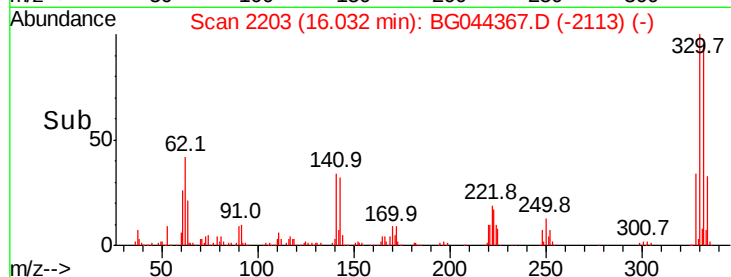
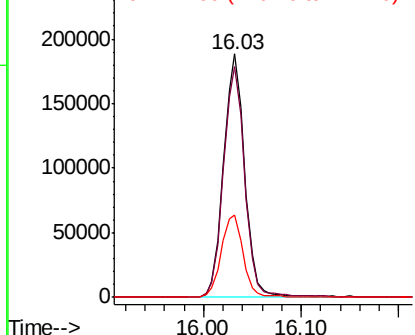


Abundance

Ion 329.80 (329.50 to 330.50): E

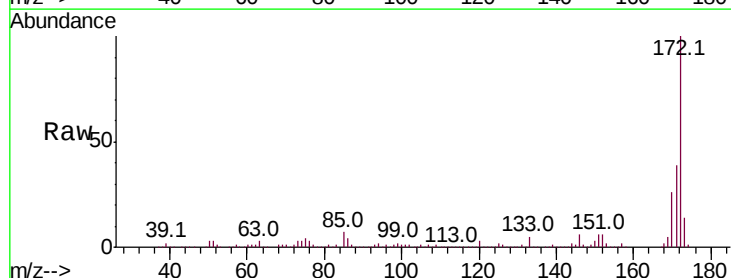
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.255 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044367.D
 Acq: 10 Feb 2020 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.9	49.3
170	25.9	22.0	33.0

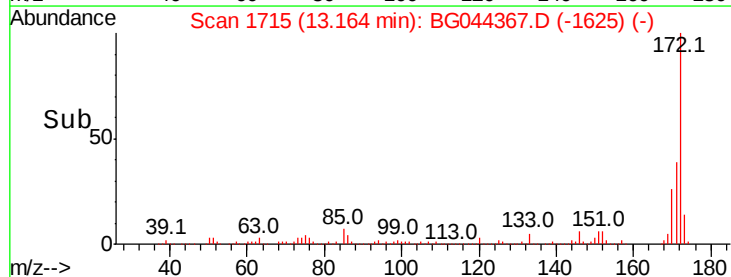
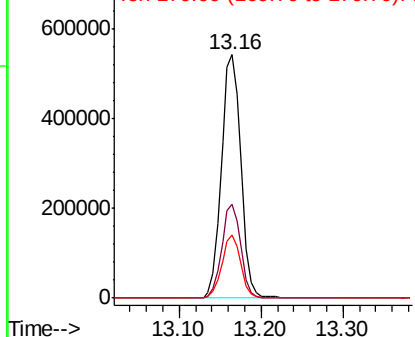


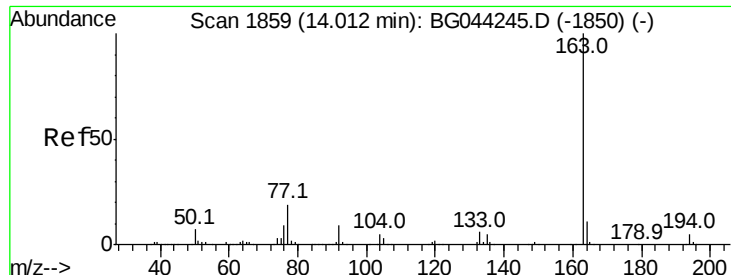
Abundance

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: 2.169 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044367.D

Acq: 10 Feb 2020 21:57

Instrument :

BNA_G

ClientSampleId :

PE-5-(SIDE-WALL)-SOUTH

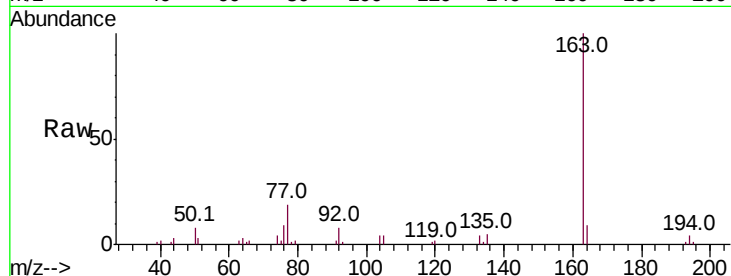
Tot Ion:163 Resp: 29818

Ion Ratio Lower Upper

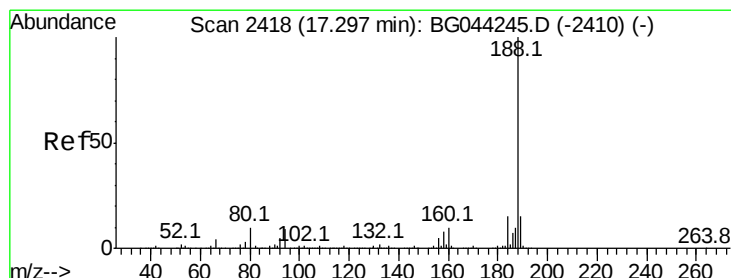
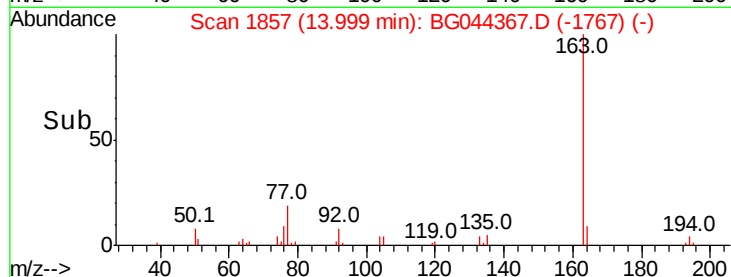
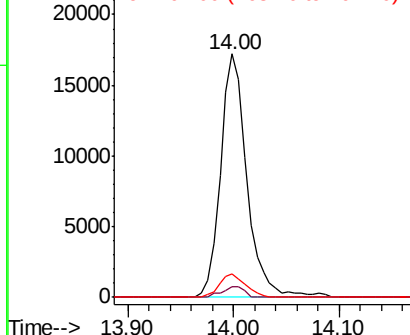
163 100

194 4.5 3.6 5.4

164 9.5 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: BG044367.D

Acq: 10 Feb 2020 21:57

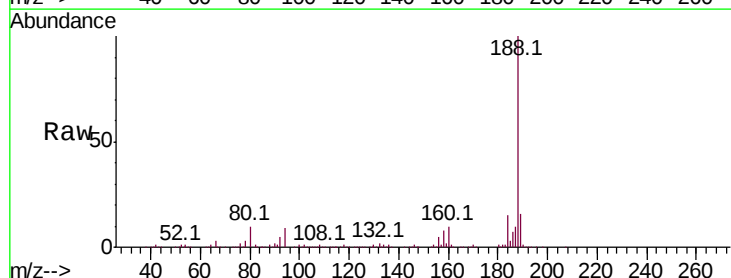
Tgt Ion:188 Resp: 482169

Ion Ratio Lower Upper

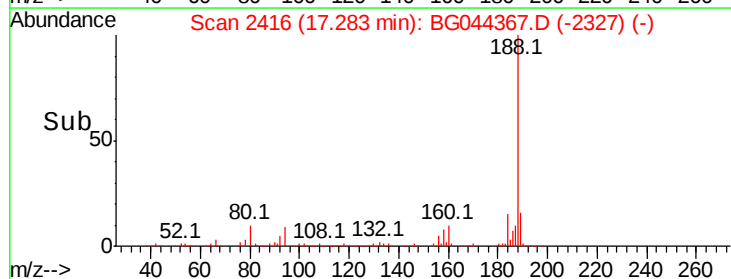
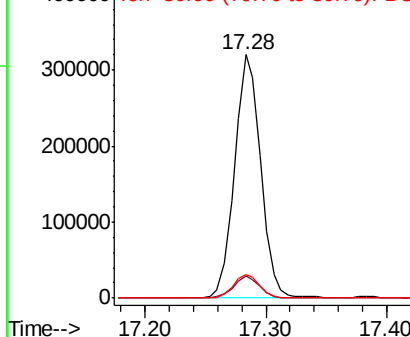
188 100

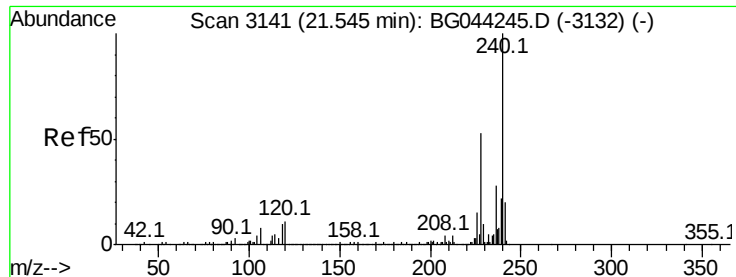
94 8.9 7.4 11.2

80 9.6 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044367.D

Acq: 10 Feb 2020 21:57

Instrument :

BNA_G

ClientSampleId :

PE-5-(SIDE-WALL)-SOUTH

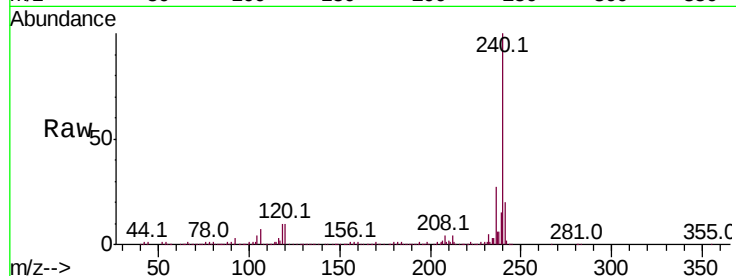
Tot Ion:240 Resp: 471017

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

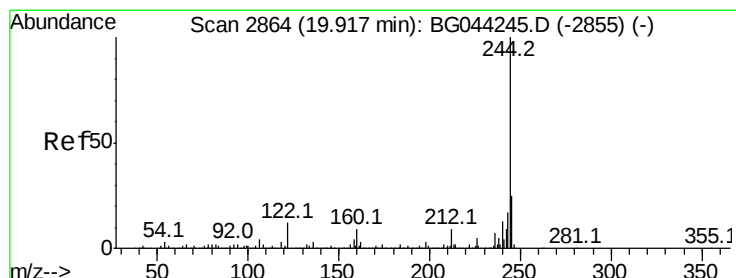
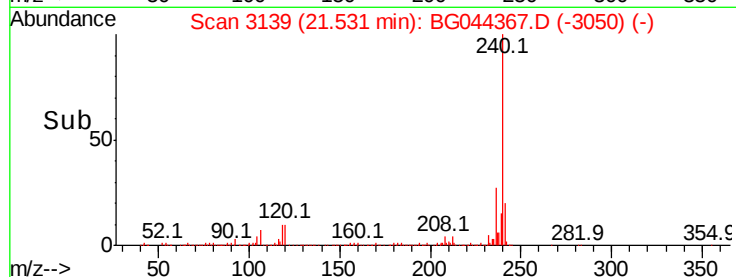
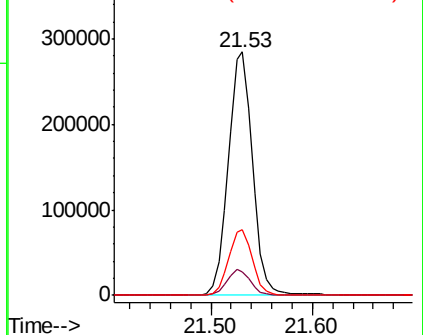
236 27.1 22.1 33.1



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: 71.150 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044367.D

Acq: 10 Feb 2020 21:57

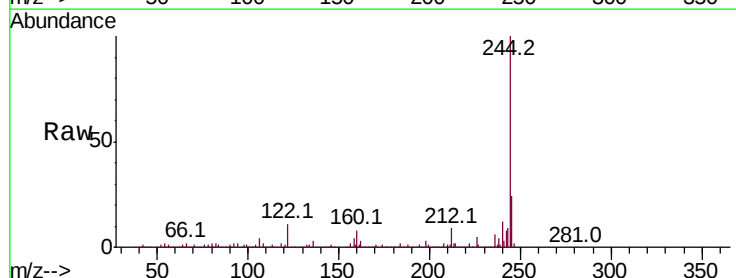
Tgt Ion:244 Resp: 1629302

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

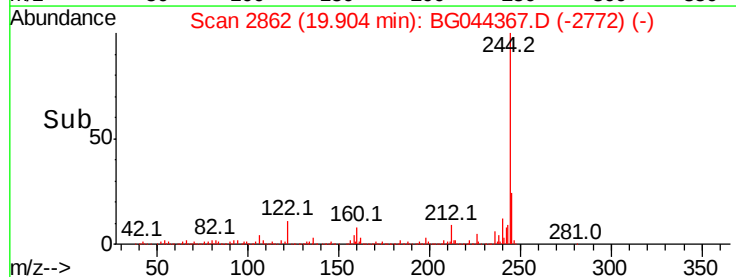
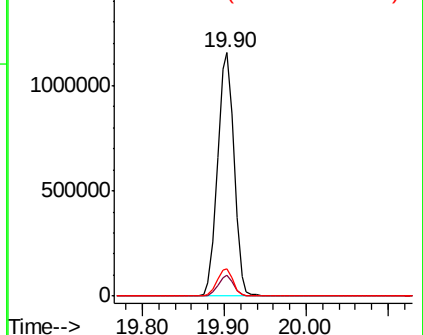
122 11.4 9.8 14.6

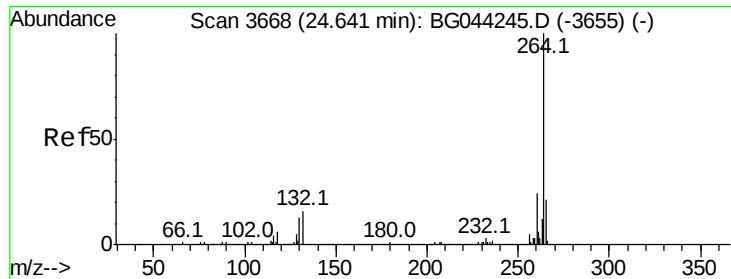


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044367.D
Acq: 10 Feb 2020 21:57

Instrument :
BNA_G
ClientSampleId :
PE-5-(SIDE-WALL)-SOUTH

Tot Ion:264 Resp: 489932

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.3	16.7	25.1

