

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044362.D
 Acq On : 10 Feb 2020 18:40
 Operator : CG/JU
 Sample : L1470-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)

Quant Time: Feb 11 03:03:57 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

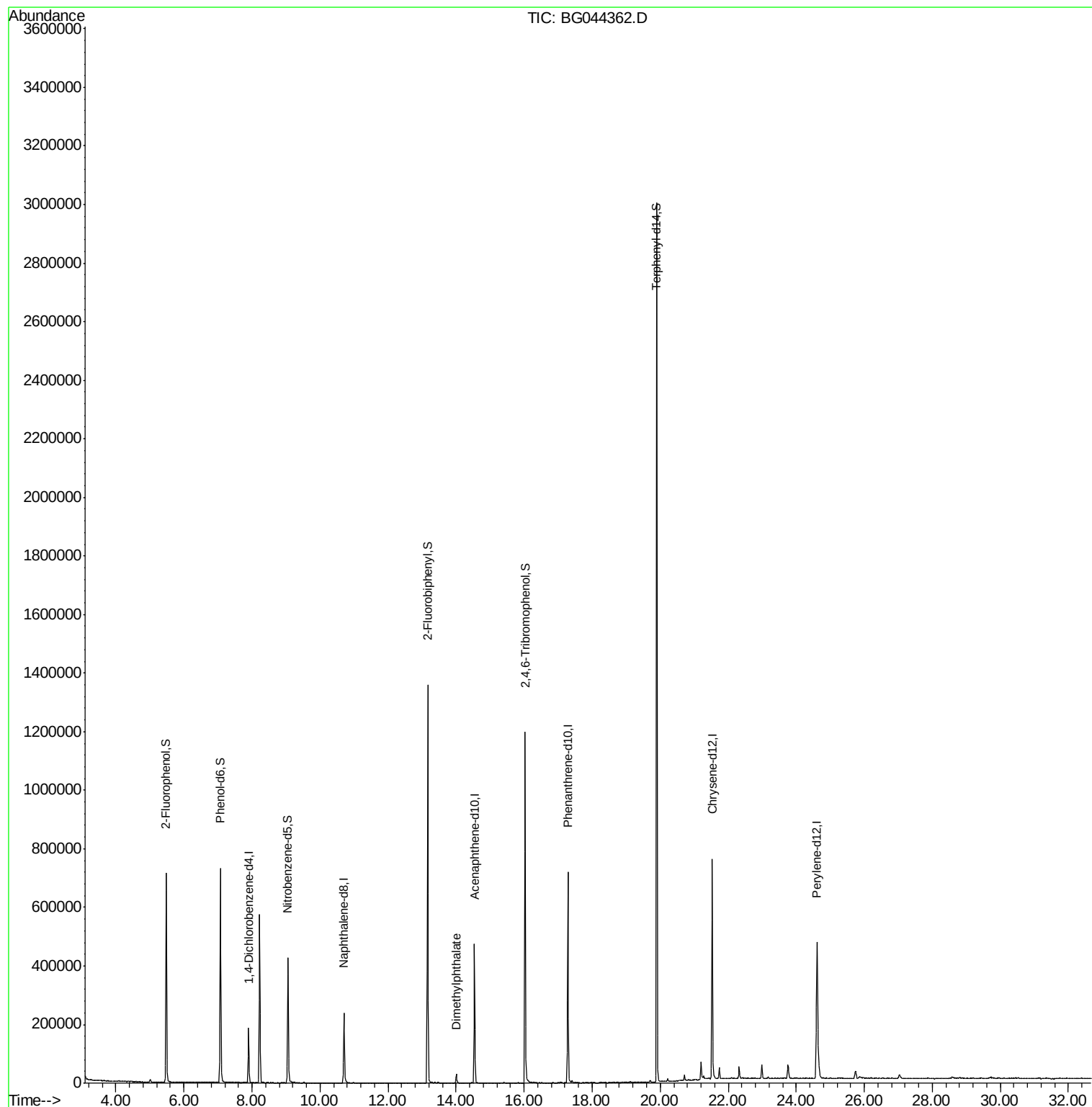
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	57876	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	244785	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	179375	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	471839	20.00	ng	0.00
76) Chrysene-d12	21.53	240	473181	20.00	ng	0.00
87) Perylene-d12	24.62	264	484274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	357368	108.97	ng	0.00
7) Phenol-d6	7.07	99	485362	110.22	ng	0.00
23) Nitrobenzene-d5	9.06	82	285995	65.96	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	244714	116.21	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	752698	70.27	ng	0.00
79) Terphenyl-d14	19.90	244	1477940	64.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	29255	2.269	ng	Qvalue # 96

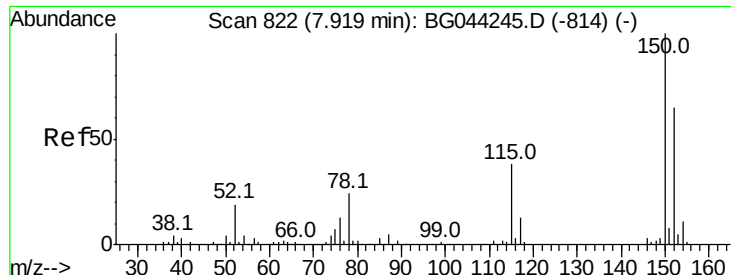
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG044362.D

Acq: 10 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

PE-1-(BASE)

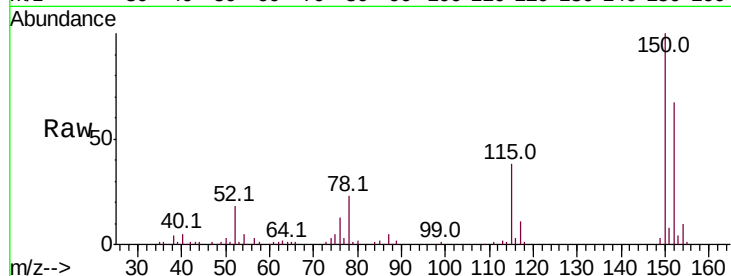
Tot Ion:152 Resp: 57876

Ion Ratio Lower Upper

152 100

150 149.0 122.6 183.8

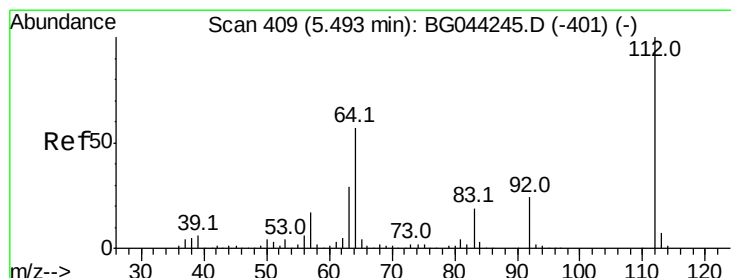
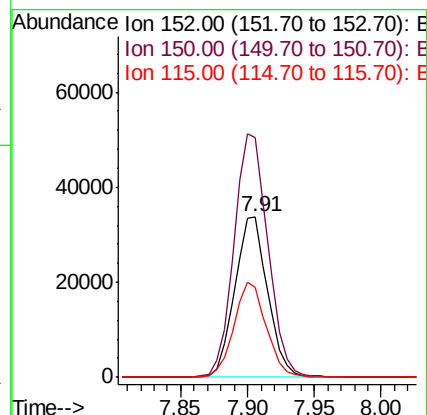
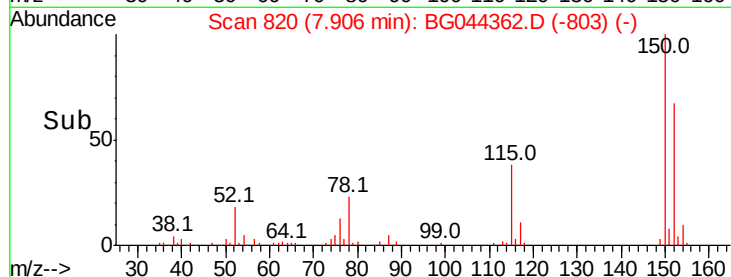
115 56.2 46.0 69.0



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: 108.974 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

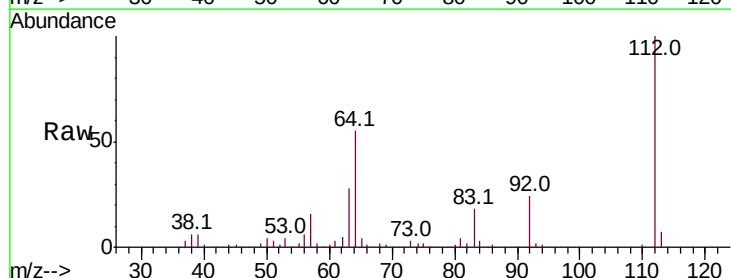
Tgt Ion:112 Resp: 357368

Ion Ratio Lower Upper

112 100

64 54.9 45.4 68.2

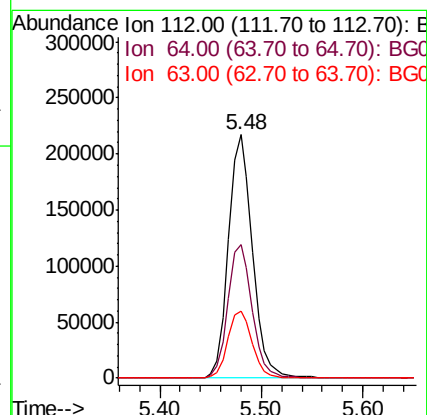
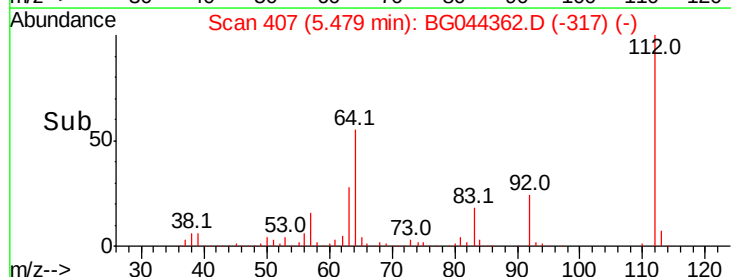
63 27.8 22.9 34.3

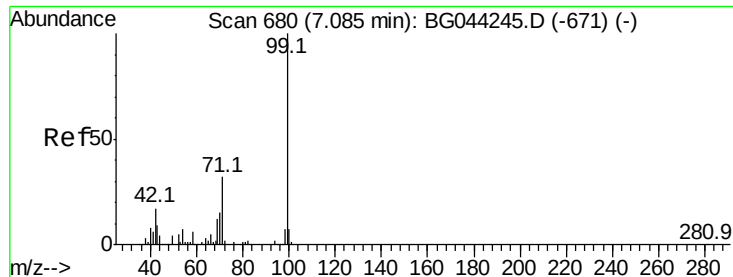


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 110.216 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

PE-1-(BASE)

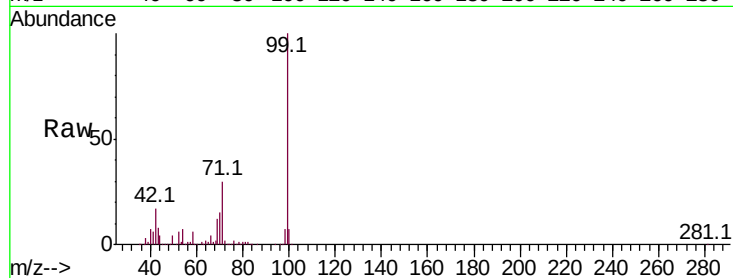
Tot Ion: 99 Resp: 485362

Ion Ratio Lower Upper

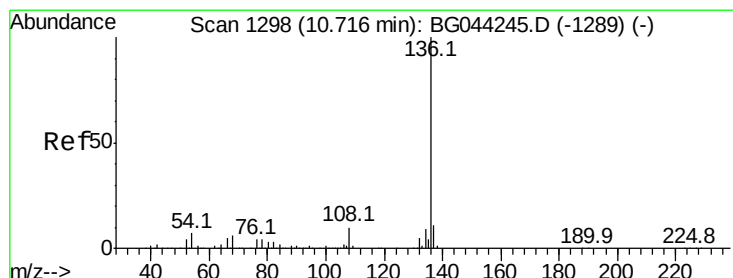
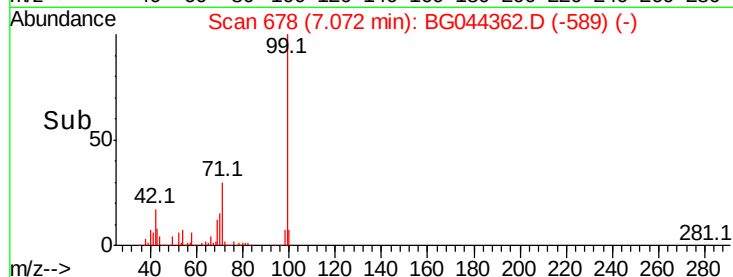
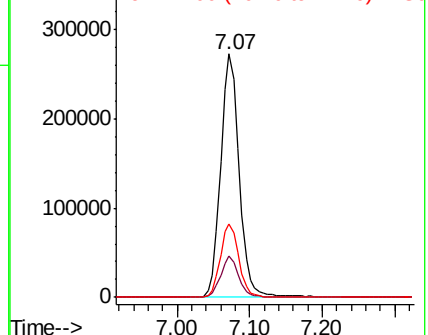
99 100

42 17.0 13.8 20.6

71 30.1 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: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

Tgt Ion: 136 Resp: 244785

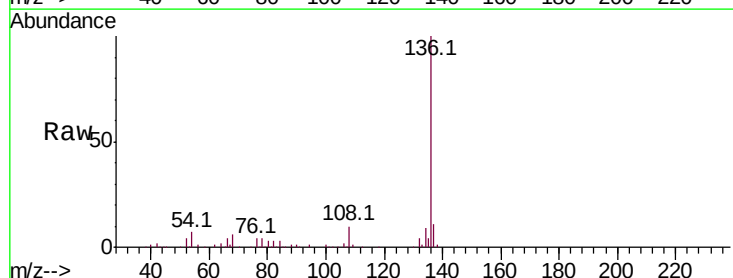
Ion Ratio Lower Upper

136 100

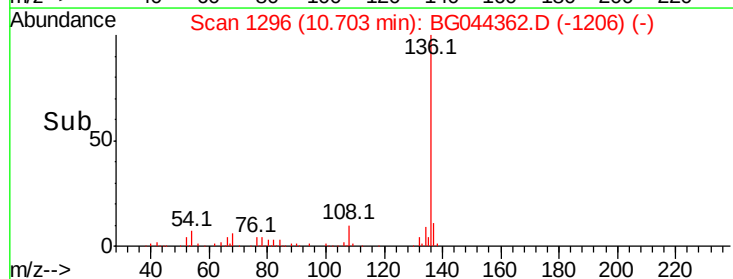
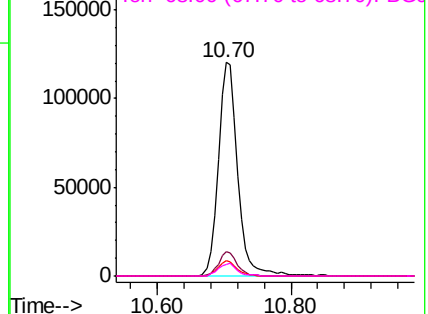
137 11.5 8.8 13.2

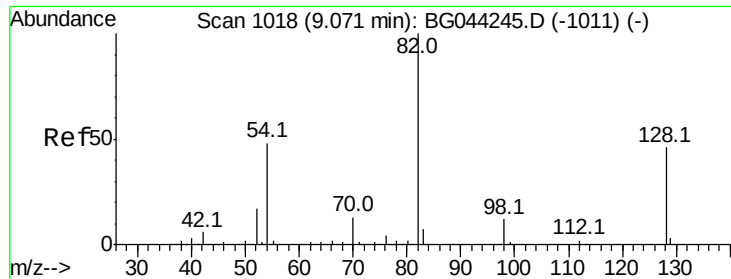
54 7.5 5.8 8.8

68 5.7 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

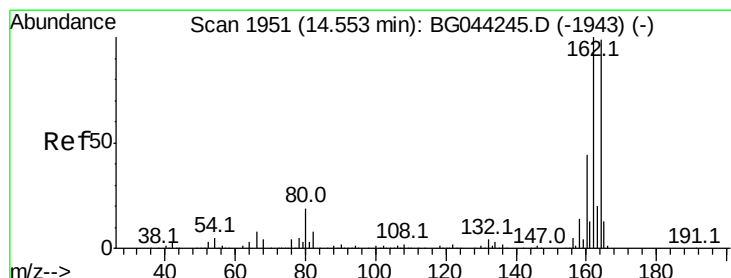
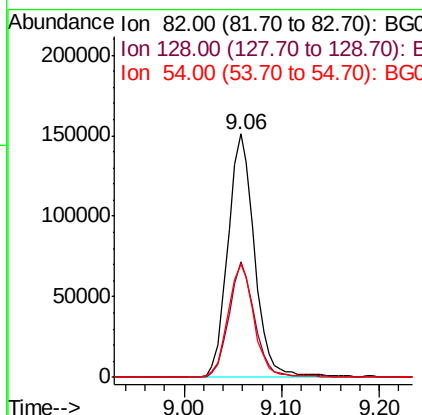
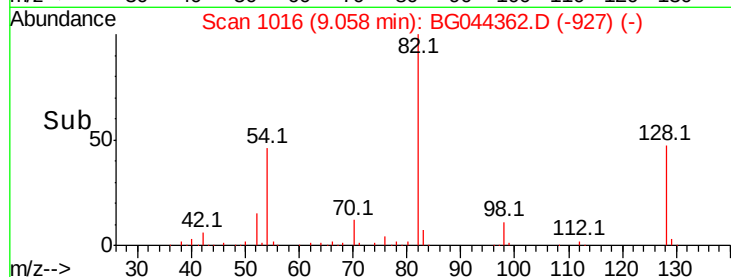
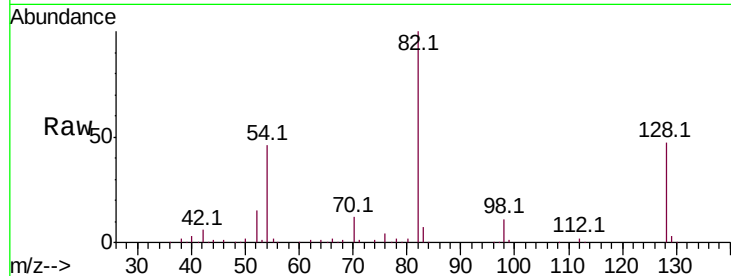




#23
 Nitrobenzene-d5
 Concen: 65.961 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044362.D
 Acq: 10 Feb 2020 18:40

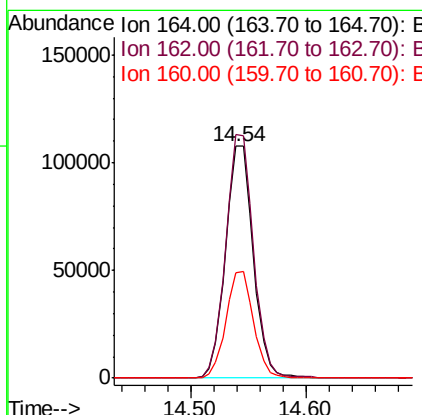
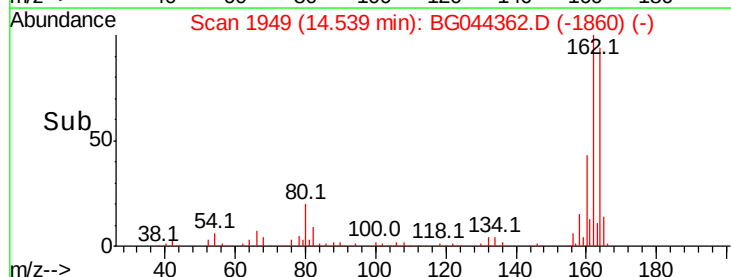
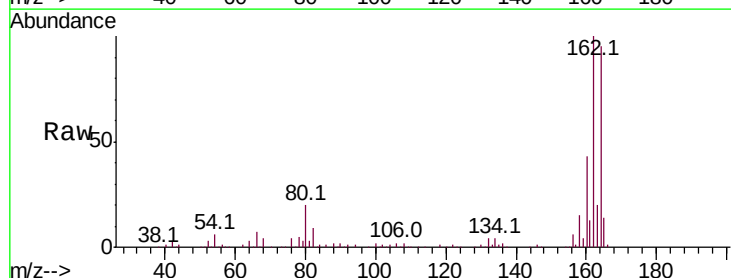
Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)

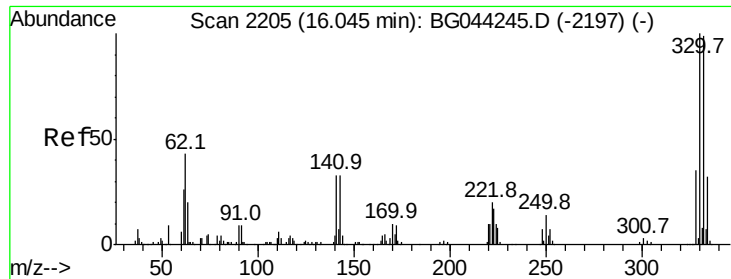
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.5	54.7
54	46.5	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BG044362.D
 Acq: 10 Feb 2020 18:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.7	121.1
160	45.5	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 116.212 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

PE-1-(BASE)

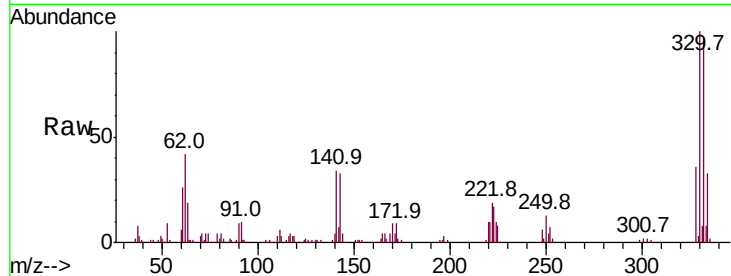
Tot Ion:330 Resp: 244714

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

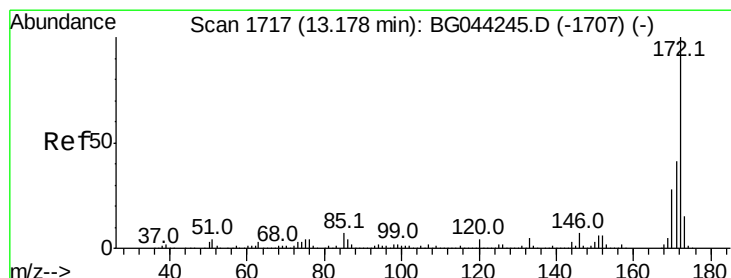
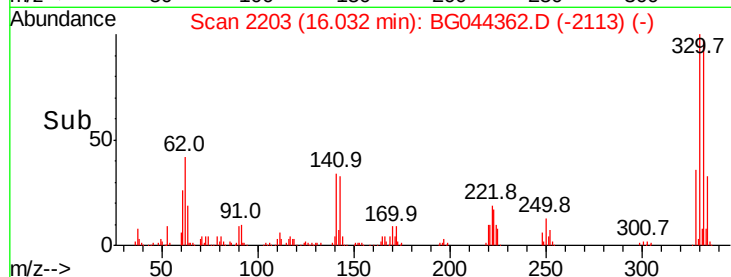
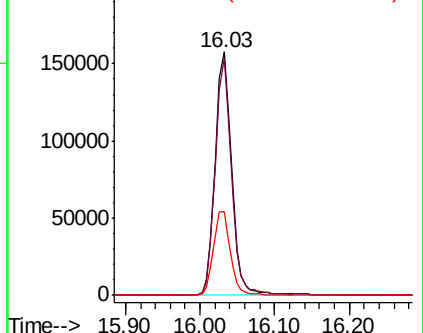
141 34.9 28.3 42.5



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: 70.268 ng

RT: 13.16 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

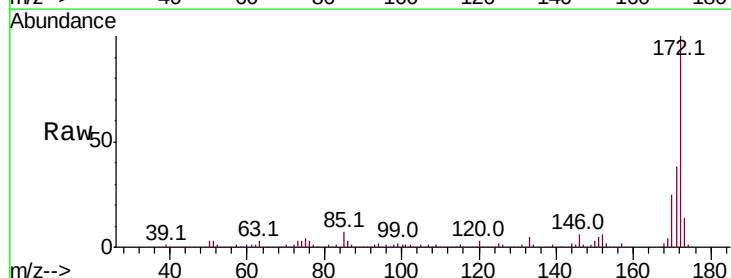
Tgt Ion:172 Resp: 752698

Ion Ratio Lower Upper

172 100

171 38.0 32.9 49.3

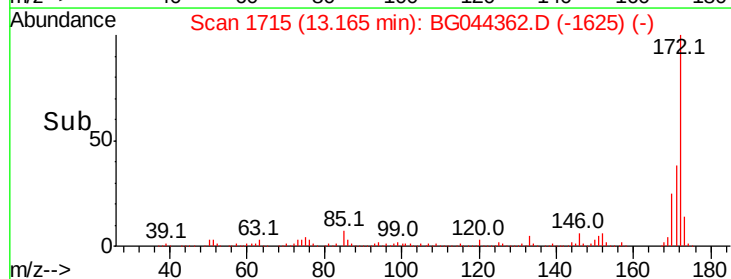
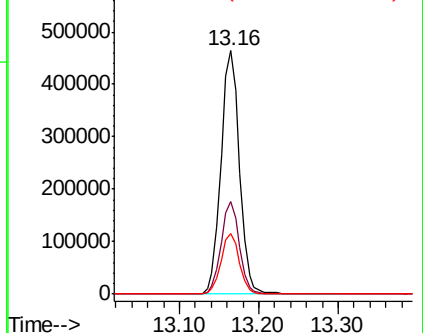
170 25.1 22.0 33.0

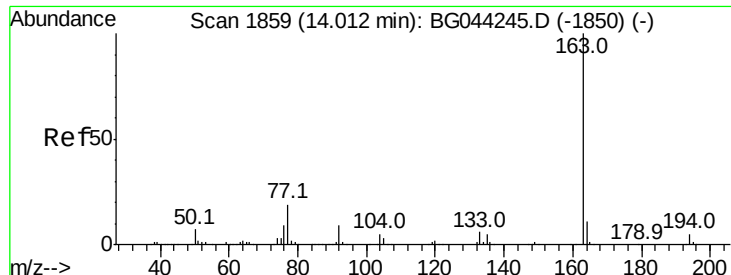


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.269 ng

RT: 14.00 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

PE-1-(BASE)

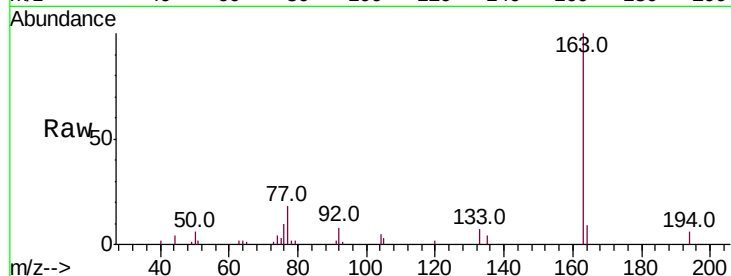
Tot Ion:163 Resp: 29255

Ion Ratio Lower Upper

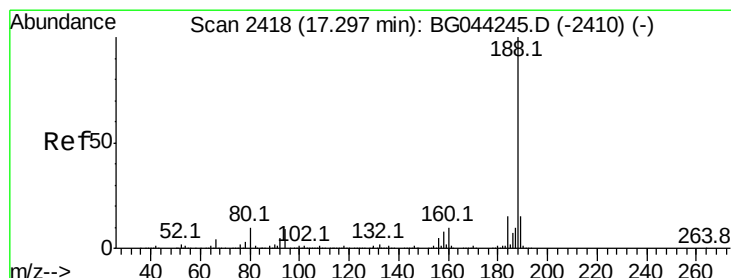
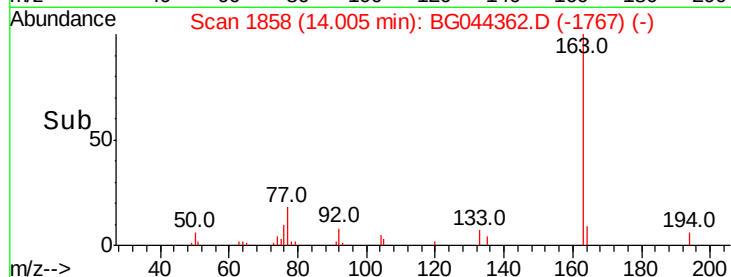
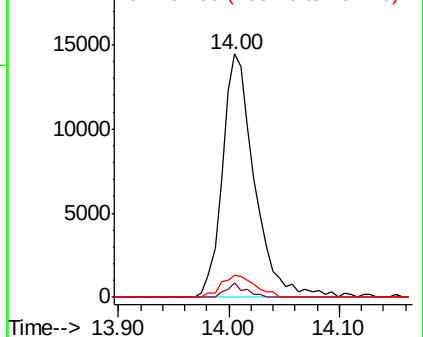
163 100

194 5.9 3.6 5.4#

164 9.2 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: BG044362.D

Acq: 10 Feb 2020 18:40

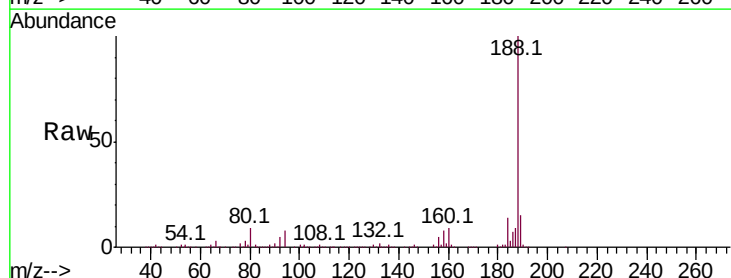
Tgt Ion:188 Resp: 471839

Ion Ratio Lower Upper

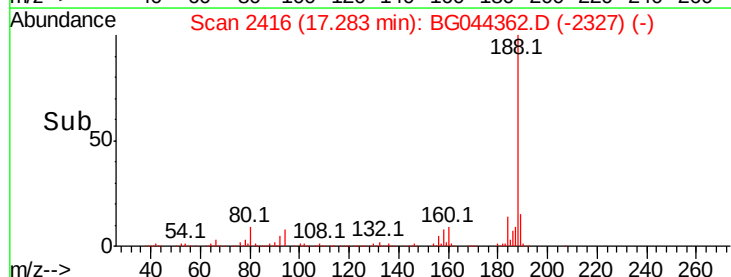
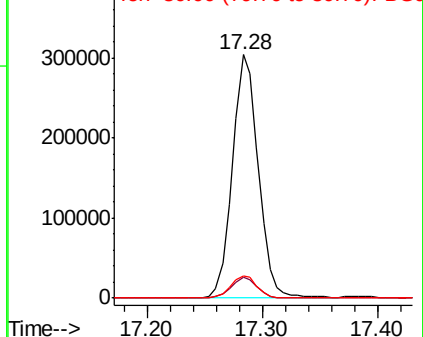
188 100

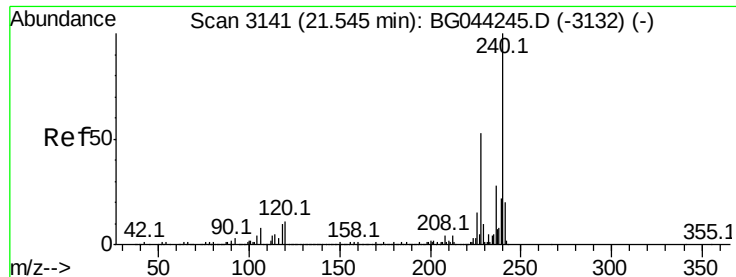
94 8.3 7.4 11.2

80 8.9 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

PE-1-(BASE)

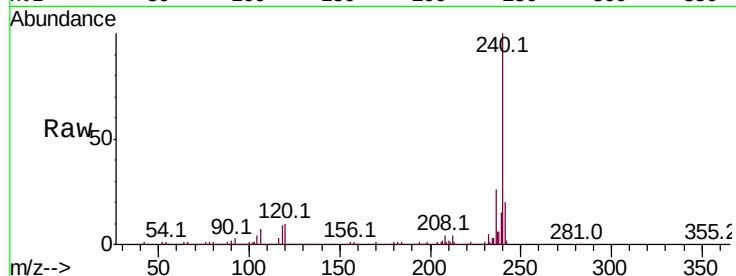
Tot Ion:240 Resp: 473181

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

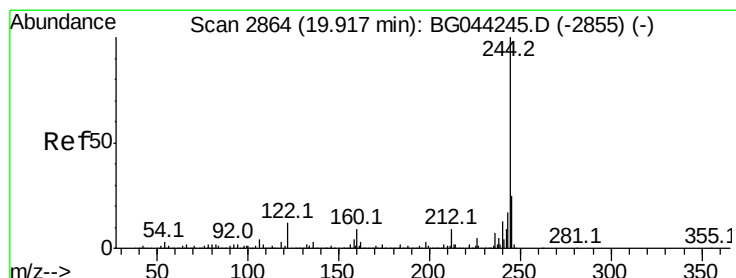
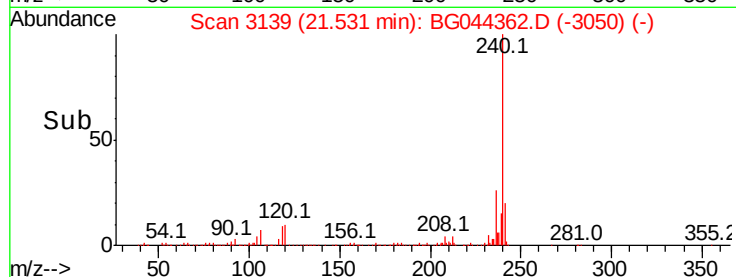
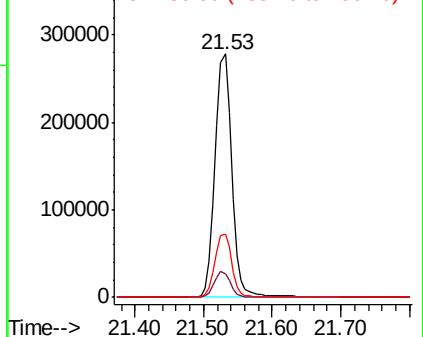
236 26.0 22.1 33.1



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: 64.245 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044362.D

Acq: 10 Feb 2020 18:40

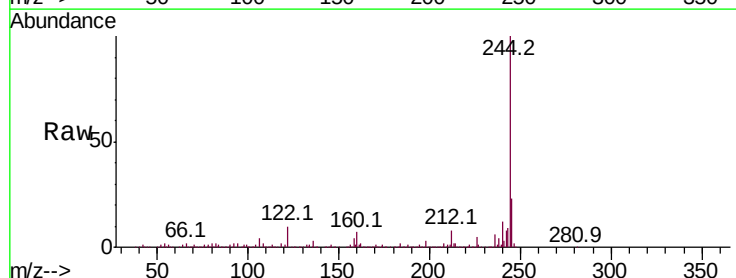
Tgt Ion:244 Resp: 1477940

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

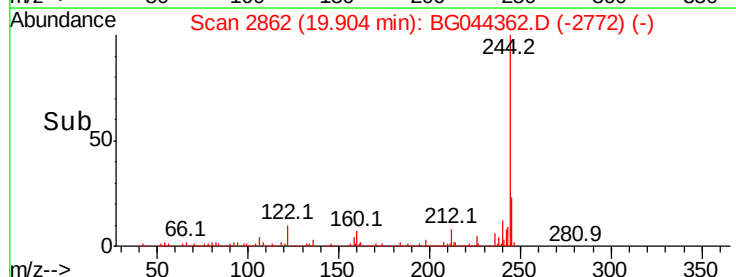
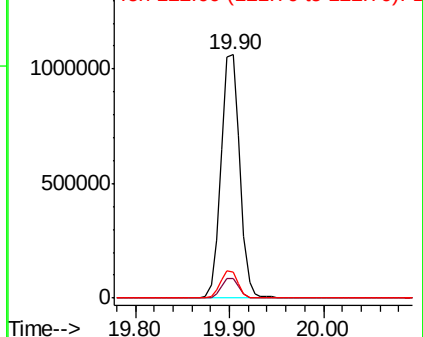
122 10.5 9.8 14.6

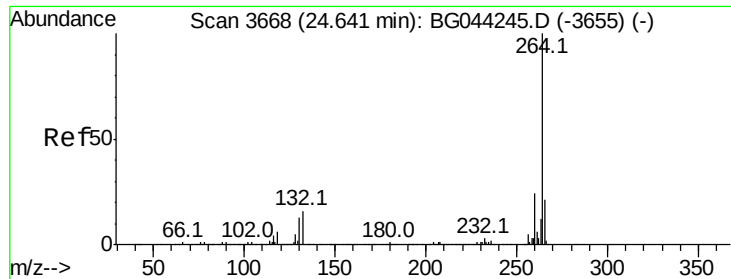


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



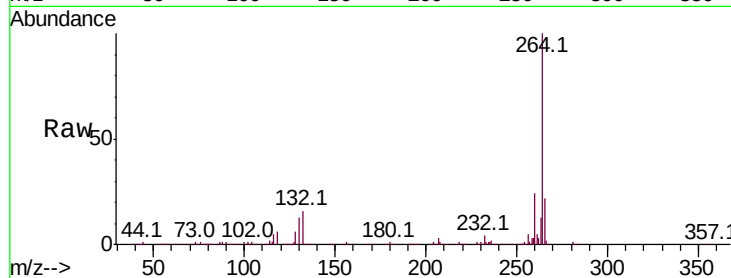


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044362.D
Acq: 10 Feb 2020 18:40

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)

Tot Ion: 264 Resp: 484274

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.1	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

