

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044481.D
 Acq On : 18 Feb 2020 20:38
 Operator : CG/JU
 Sample : L1558-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0110-FIELD-BLANK

Quant Time: Feb 19 01:43:40 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	7.89	152	62252	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	262695	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	192458	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	425486	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	389985	20.00	ng	-0.02
87) Perylene-d12	24.60	264	422535	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	227244	64.42	ng	0.00
7) Phenol-d6	7.07	99	177817	37.54	ng	-0.01
23) Nitrobenzene-d5	9.05	82	425822	91.51	ng	-0.02
42) 2,4,6-Tribromophenol	16.03	330	325433	144.04	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	1045402	90.96	ng	-0.01
79) Terphenyl-d14	19.90	244	1622524	85.58	ng	0.00

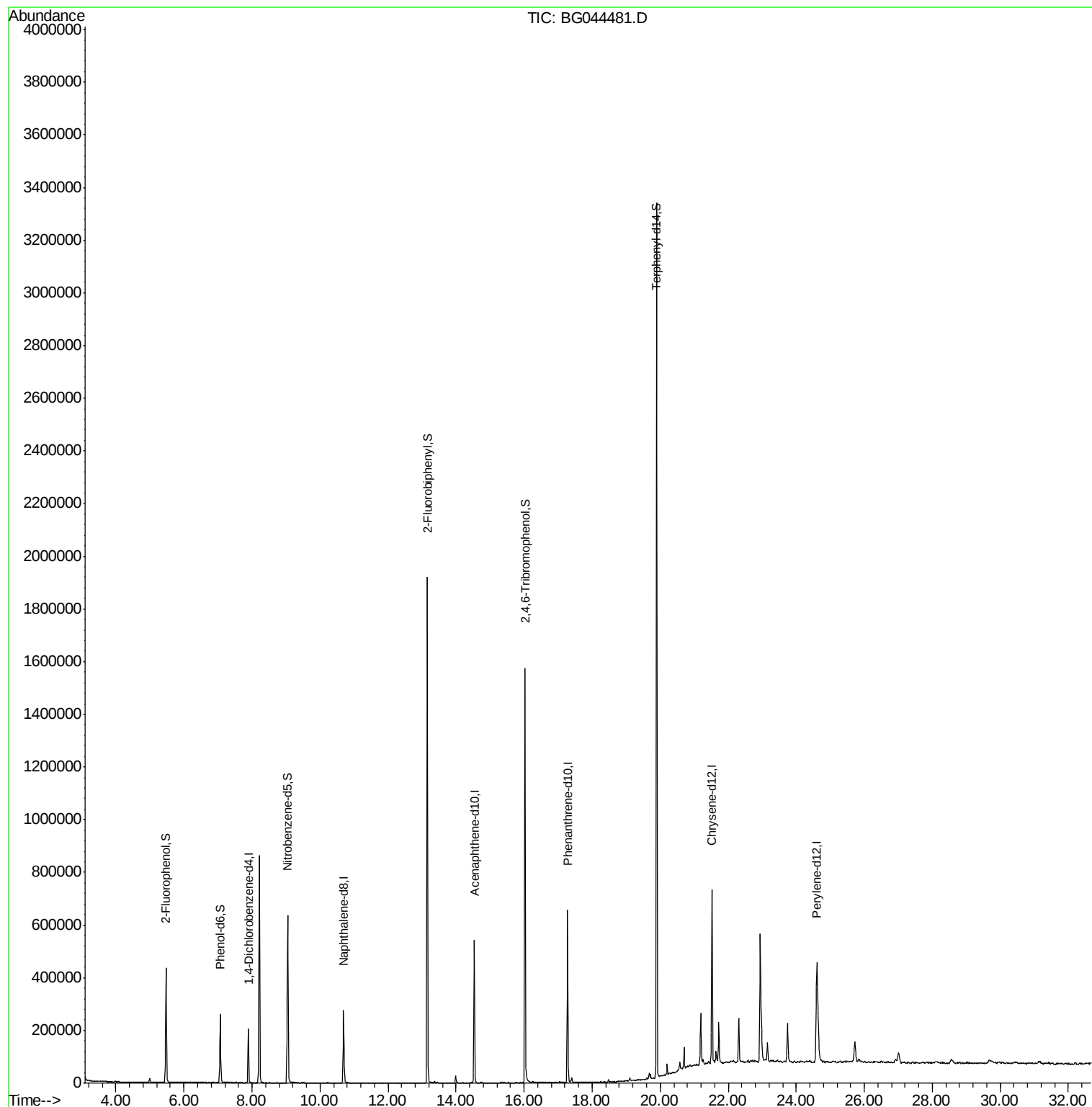
Target Compounds Qvalue

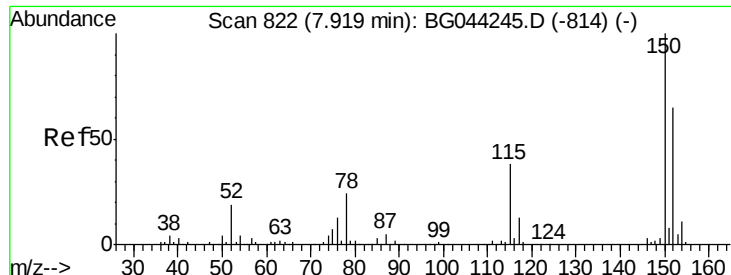
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : CG/JU
Sample : L1558-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0110-FIELD-BLANK

Quant Time: Feb 19 01:43:40 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



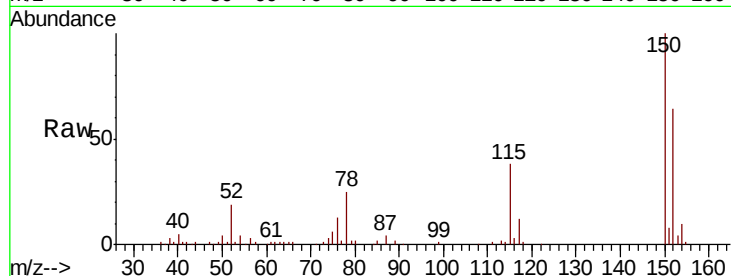


#1

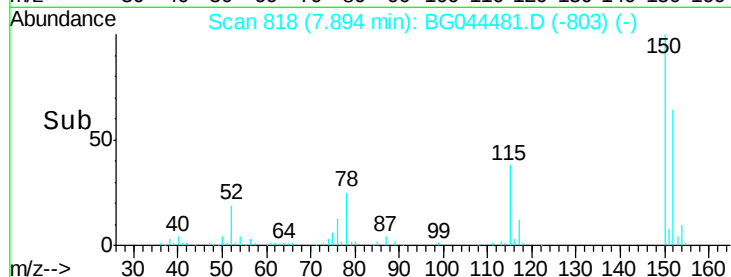
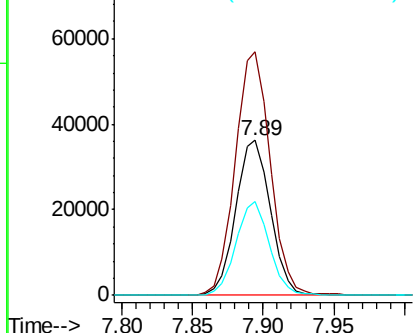
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044481.D
 Acq: 18 Feb 2020 20:38

Instrument :
 BNA_G
 ClientSampleId :
 0110-FIELD-BLANK

Tot Ion:152 Resp: 62252
 Ion Ratio Lower Upper
 152 100
 150 157.1 122.6 183.8
 115 60.2 46.0 69.0



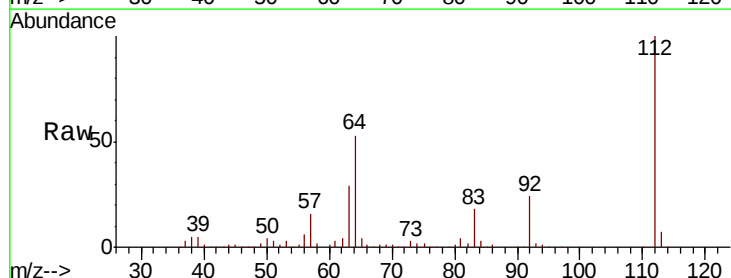
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



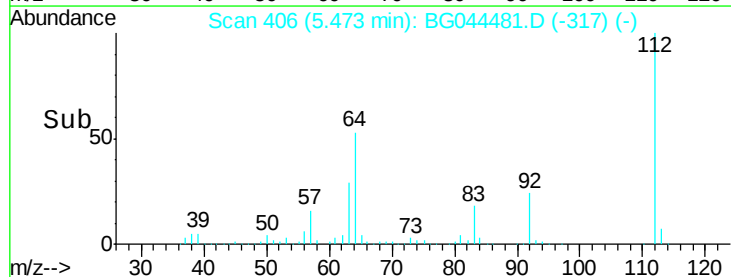
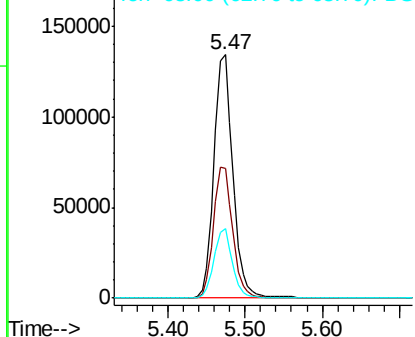
#5

2-Fluorophenol
 Concen: 64.424 ng
 RT: 5.47 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BG044481.D
 Acq: 18 Feb 2020 20:38

Tgt Ion:112 Resp: 227244
 Ion Ratio Lower Upper
 112 100
 64 53.2 45.4 68.2
 63 28.6 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.540 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044481.D

Acq: 18 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

0110-FIELD-BLANK

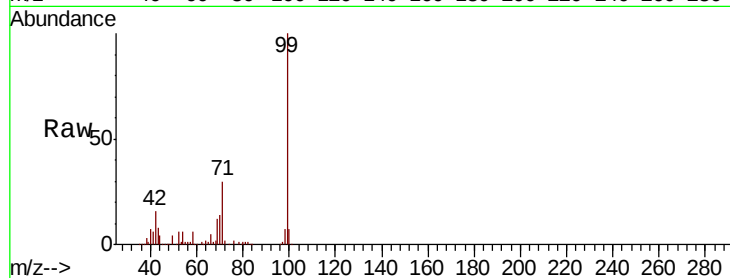
Tot Ion: 99 Resp: 177817

Ion Ratio Lower Upper

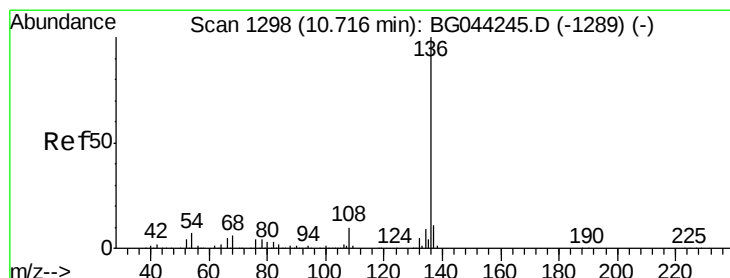
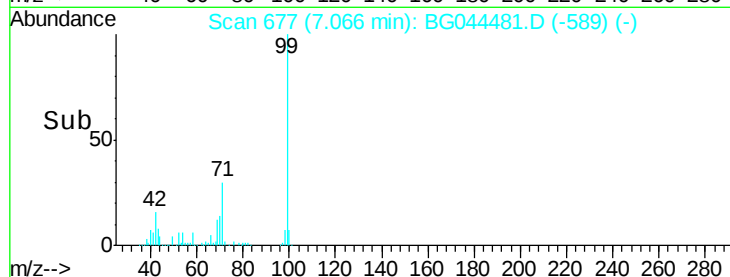
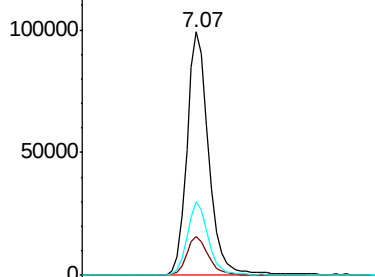
99 100

42 15.9 13.8 20.6

71 30.2 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: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044481.D

Acq: 18 Feb 2020 20:38

Tgt Ion: 136 Resp: 262695

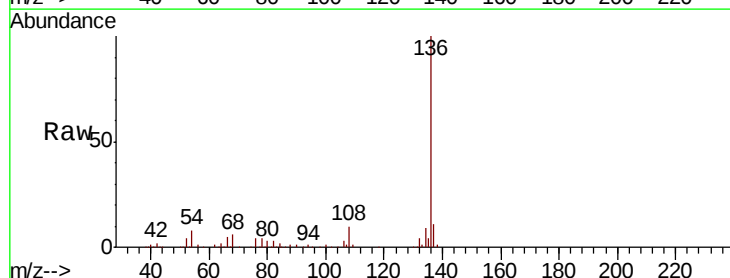
Ion Ratio Lower Upper

136 100

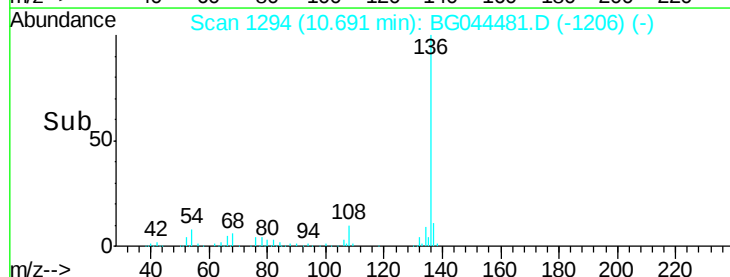
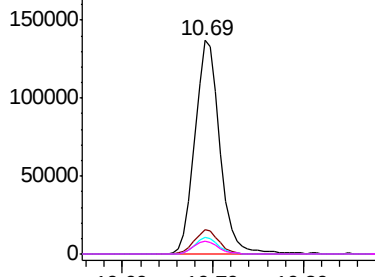
137 11.3 8.8 13.2

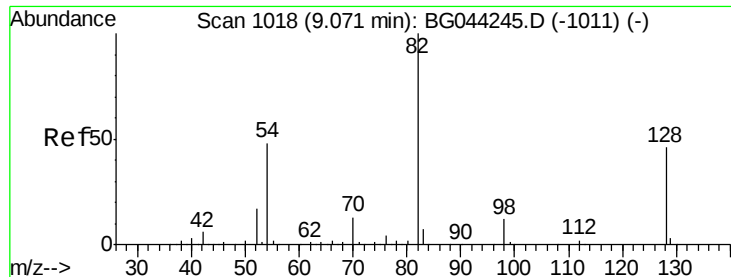
54 7.8 5.8 8.8

68 6.0 4.6 6.8



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

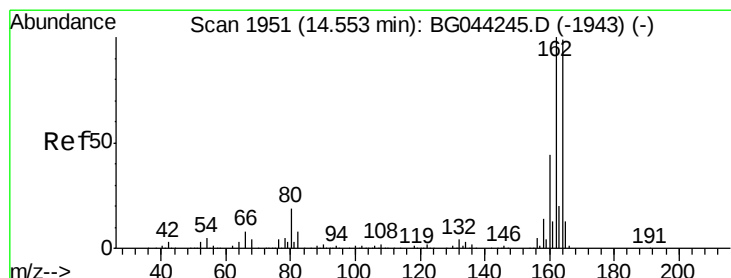
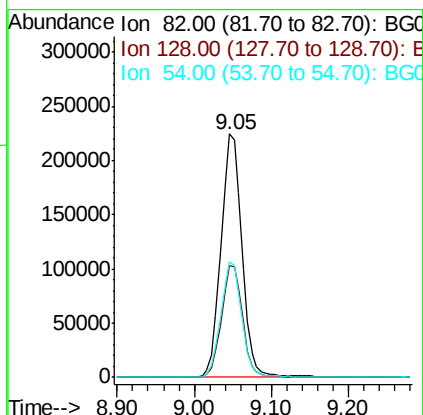
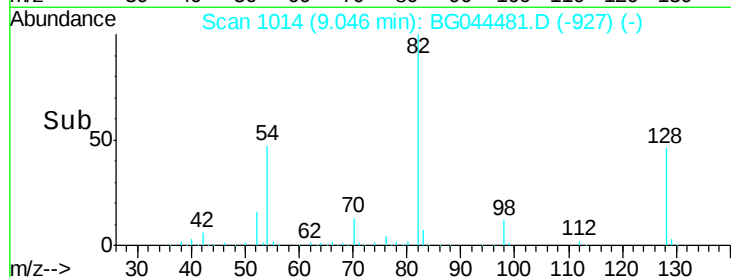
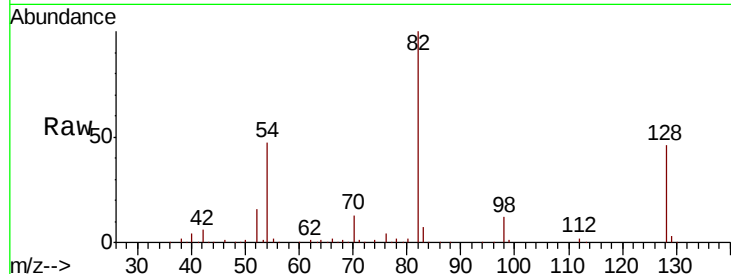




#23
Nitrobenzene-d5
Concen: 91.514 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044481.D
Acq: 18 Feb 2020 20:38

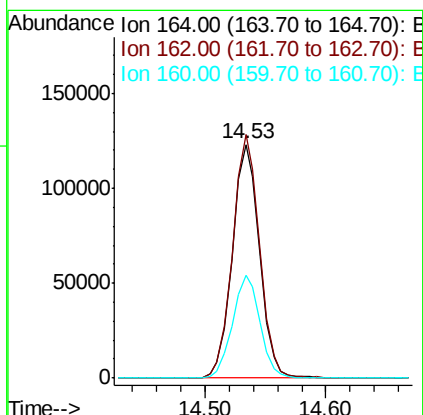
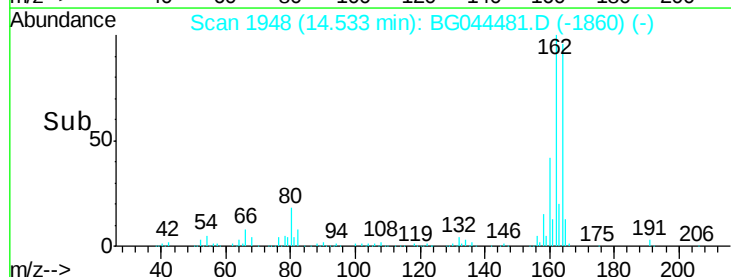
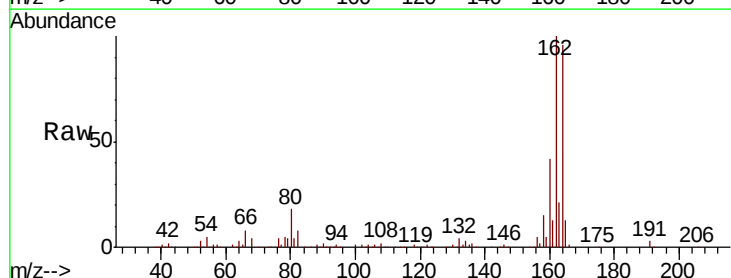
Instrument :
BNA_G
ClientSampleId :
0110-FIELD-BLANK

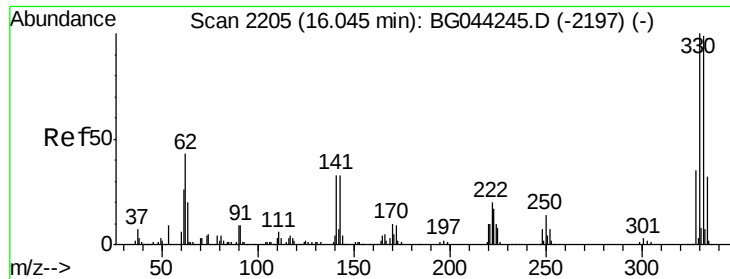
Tot Ion: 82 Resp: 425822
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 47.3 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044481.D
Acq: 18 Feb 2020 20:38

Tgt Ion:164 Resp: 192458
Ion Ratio Lower Upper
164 100
162 104.2 80.7 121.1
160 44.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 144.039 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044481.D

Acq: 18 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

0110-FIELD-BLANK

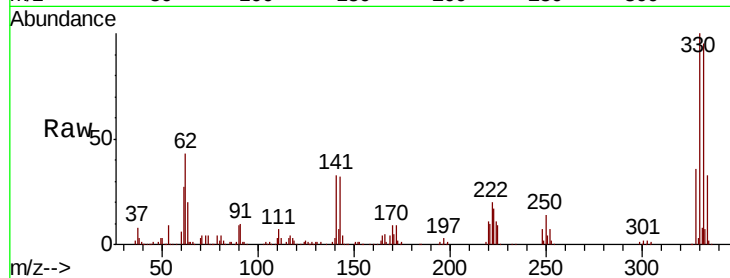
Tot Ion:330 Resp: 325433

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

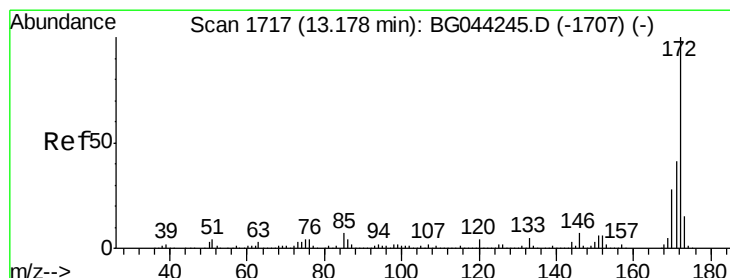
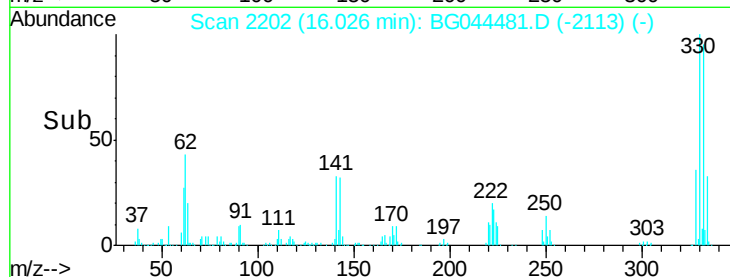
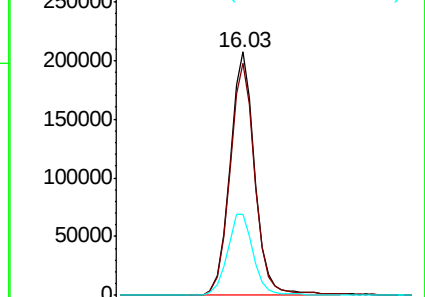
141 35.3 28.3 42.5



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: 90.959 ng

RT: 13.15 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG044481.D

Acq: 18 Feb 2020 20:38

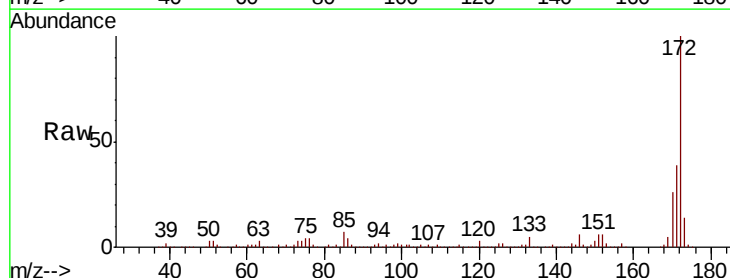
Tgt Ion:172 Resp: 1045402

Ion Ratio Lower Upper

172 100

171 39.0 32.9 49.3

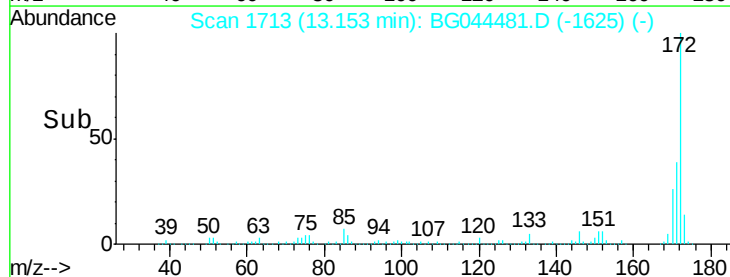
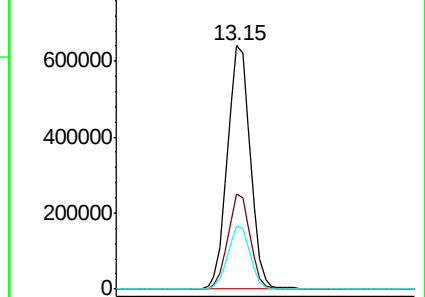
170 25.8 22.0 33.0

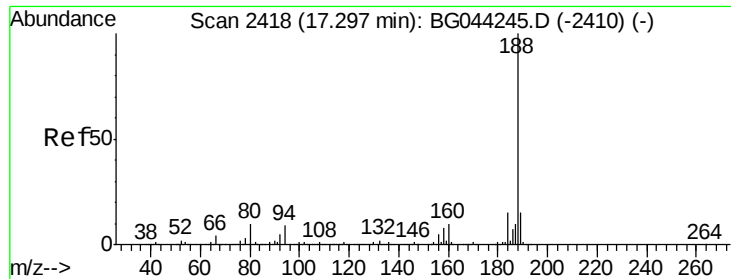


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

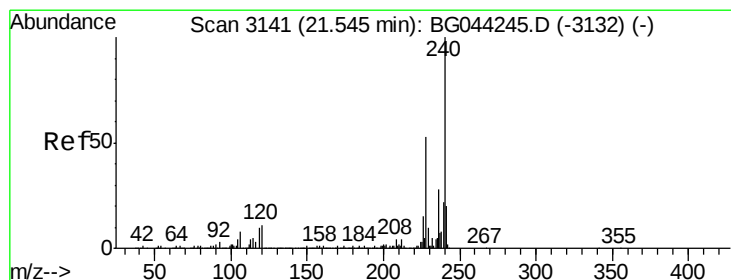
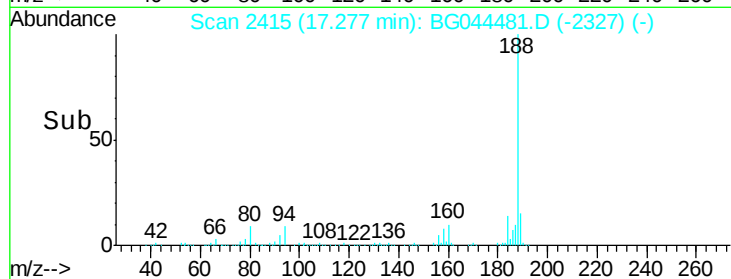
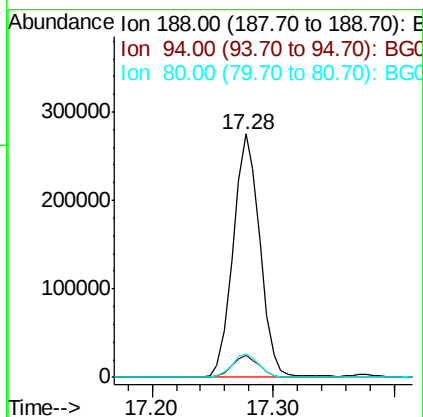
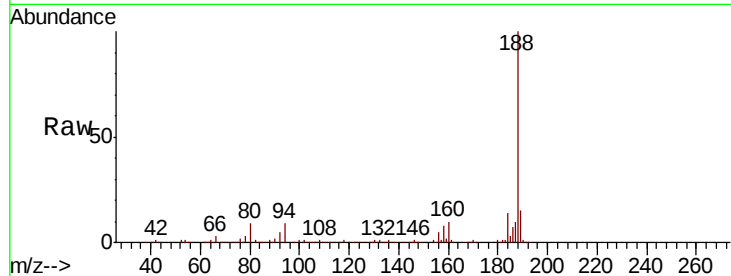




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044481.D
Acq: 18 Feb 2020 20:38

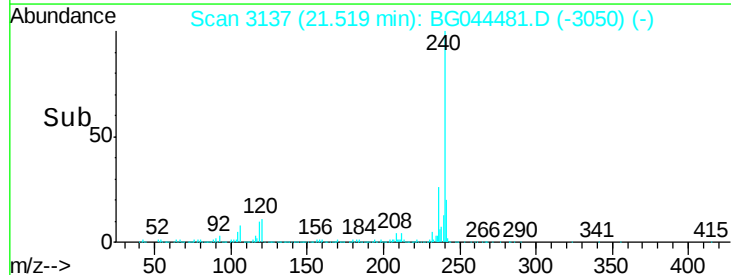
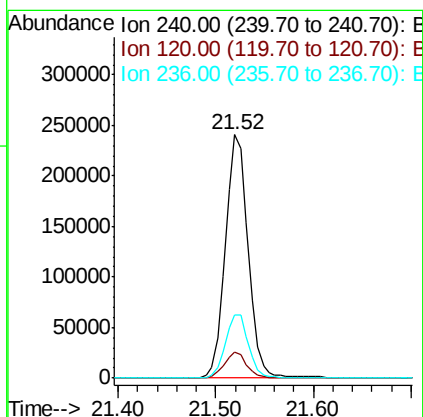
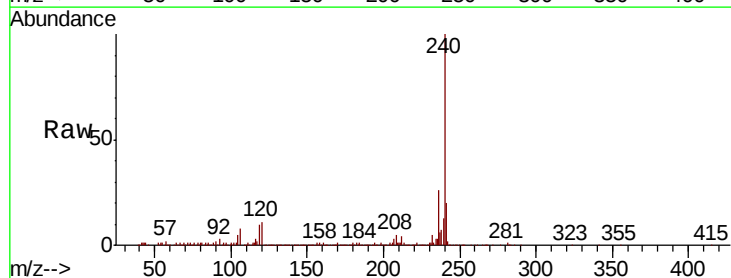
Instrument :
BNA_G
ClientSampleId :
0110-FIELD-BLANK

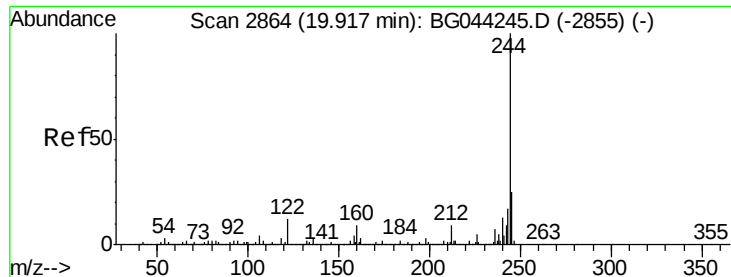
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	9.5	7.7	11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG044481.D
Acq: 18 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	26.1	22.1	33.1





#79

Terphenyl-d14

Concen: 85.576 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044481.D

Acq: 18 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

0110-FIELD-BLANK

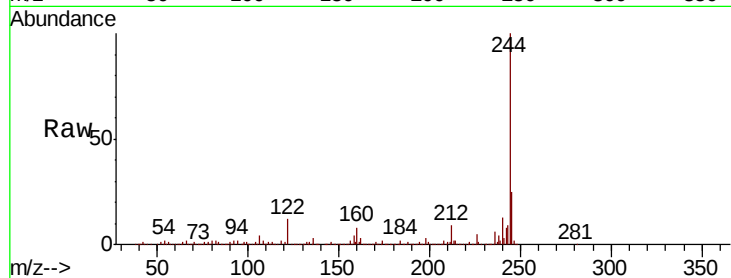
Tot Ion:244 Resp: 1622524

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

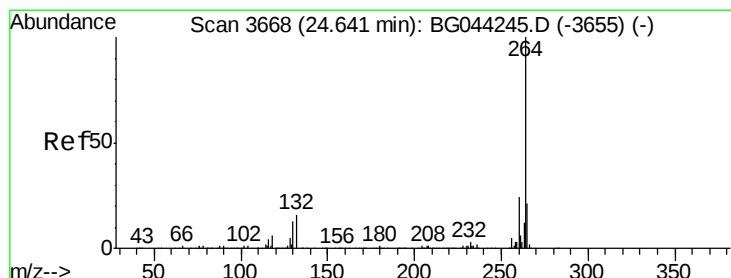
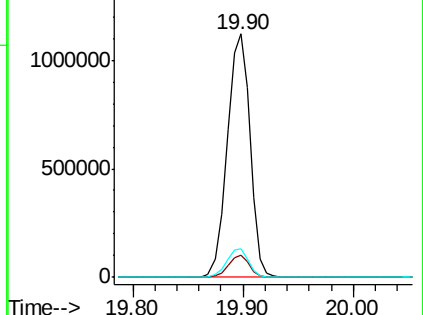
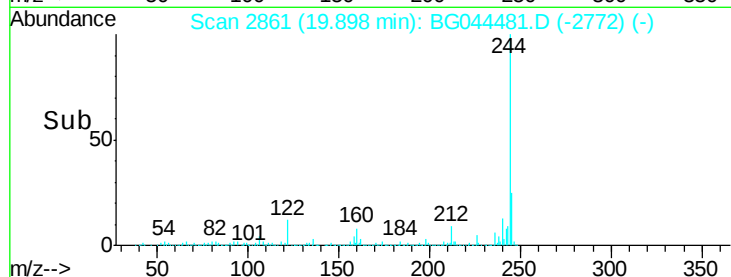
122 11.7 9.8 14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044481.D

Acq: 18 Feb 2020 20:38

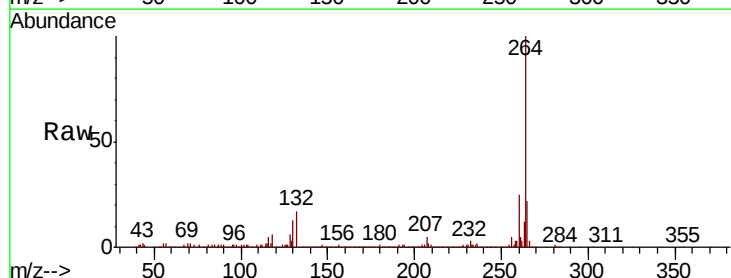
Tgt Ion:264 Resp: 422535

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 22.4 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

