

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044414.D
 Acq On : 12 Feb 2020 18:29
 Operator : CG/JU
 Sample : L1491-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2A-(18.5-20.5)

Quant Time: Feb 13 02:51:12 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

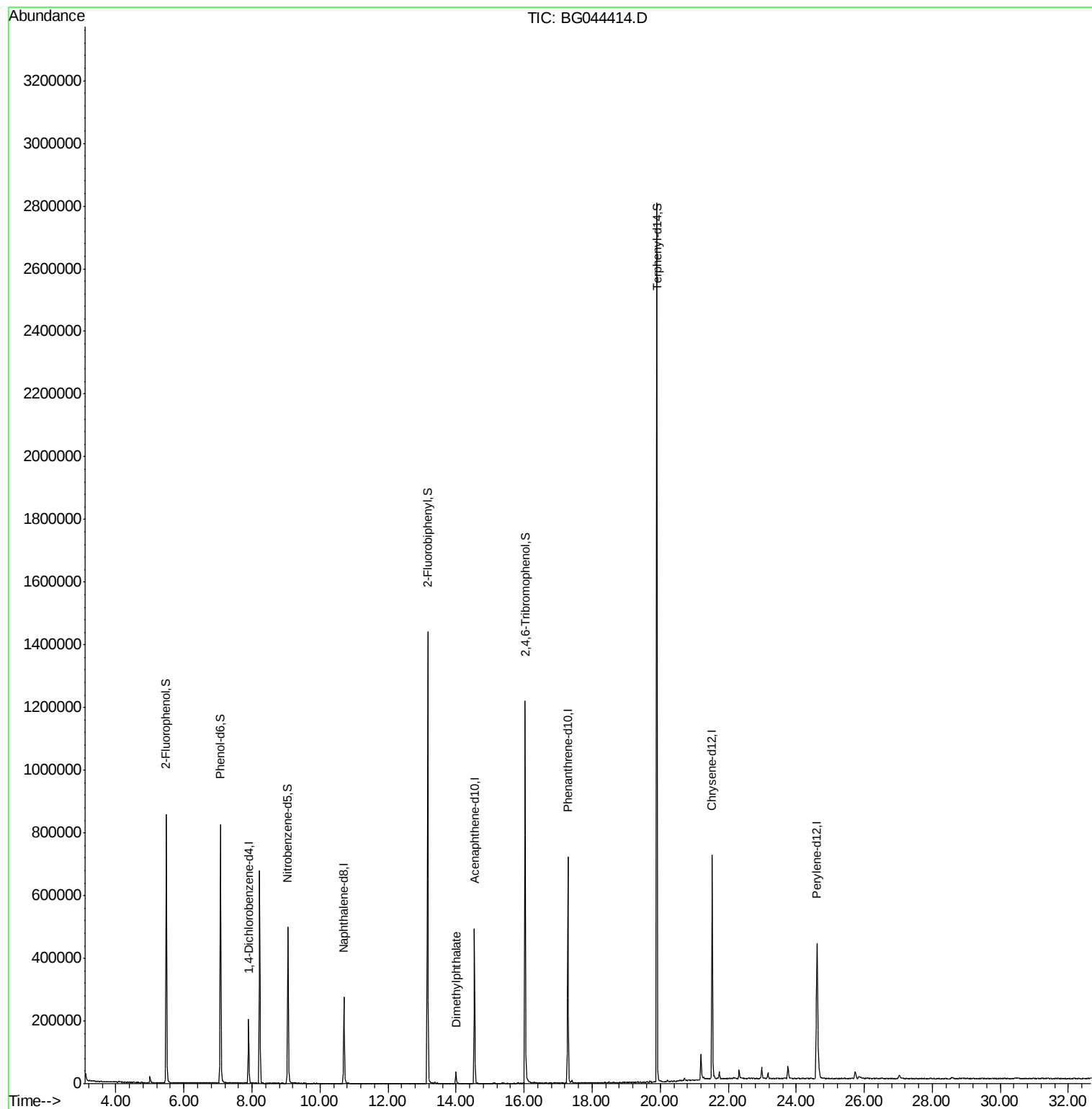
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	63602	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	261863	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	185216	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	460926	20.00	ng	0.00
76) Chrysene-d12	21.52	240	440396	20.00	ng	-0.01
87) Perylene-d12	24.62	264	449754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	415912	115.41	ng	0.00
7) Phenol-d6	7.07	99	554550	114.59	ng	0.00
23) Nitrobenzene-d5	9.06	82	328508	70.82	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	251981	115.89	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	805485	72.82	ng	0.00
79) Terphenyl-d14	19.90	244	1392863	65.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	33042	2.482	ng	Qvalue 97

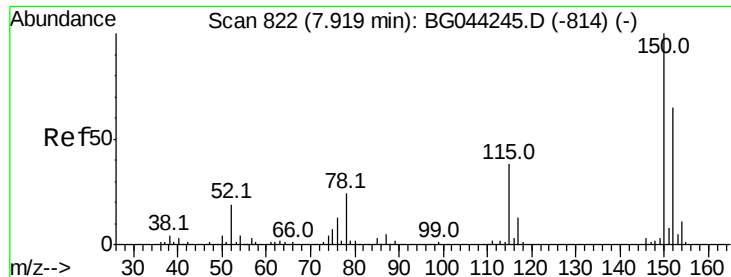
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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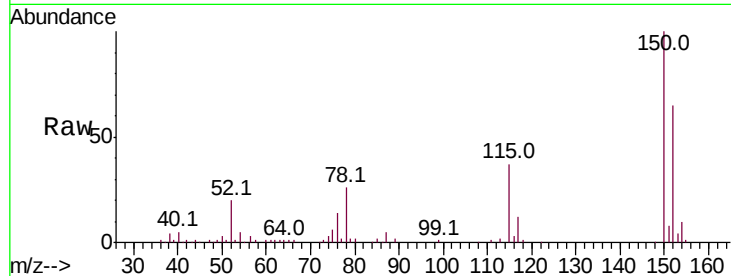


#1

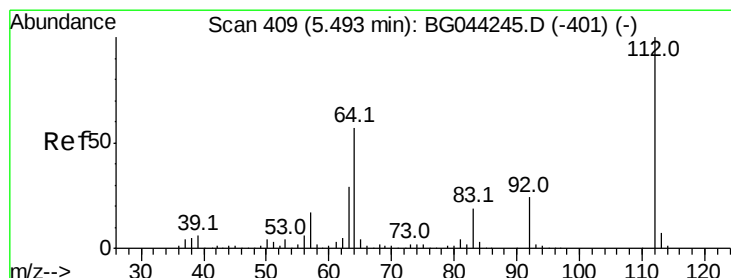
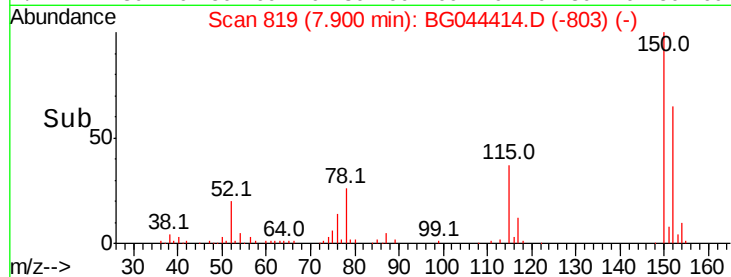
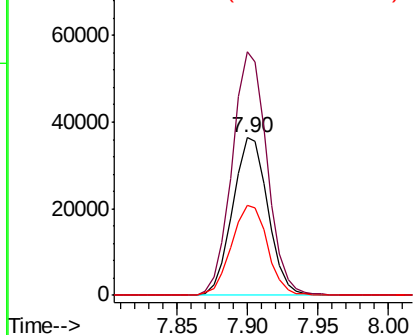
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

Instrument :
 BNA_G
 ClientSampleId :
 SB-2A-(18.5-20.5)

Tot Ion:152 Resp: 63602
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.6 183.8
 115 57.5 46.0 69.0



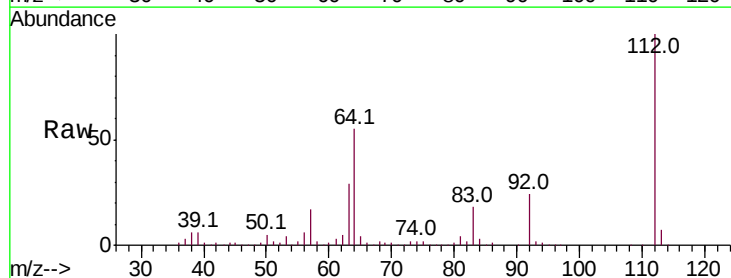
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



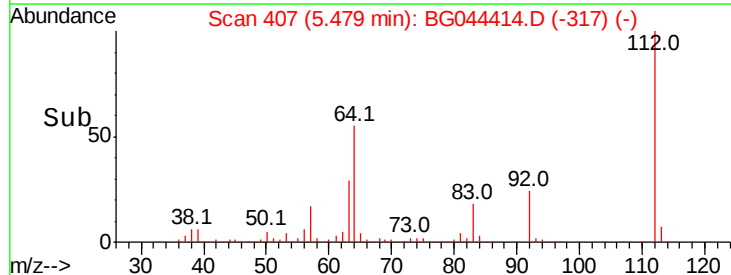
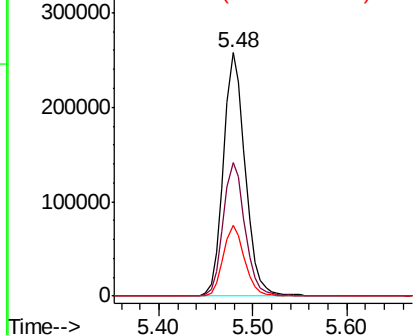
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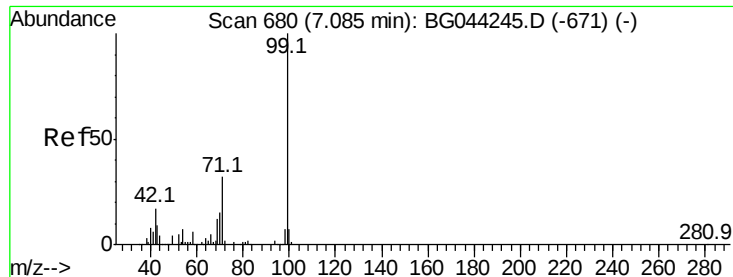
2-Fluorophenol
 Concen: 115.408 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

Tgt Ion:112 Resp: 415912
 Ion Ratio Lower Upper
 112 100
 64 55.0 45.4 68.2
 63 29.1 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: 114.590 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

SB-2A-(18.5-20.5)

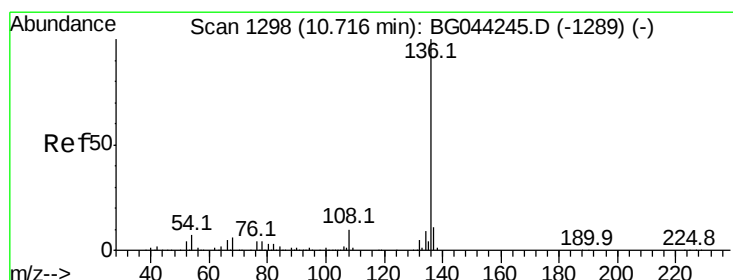
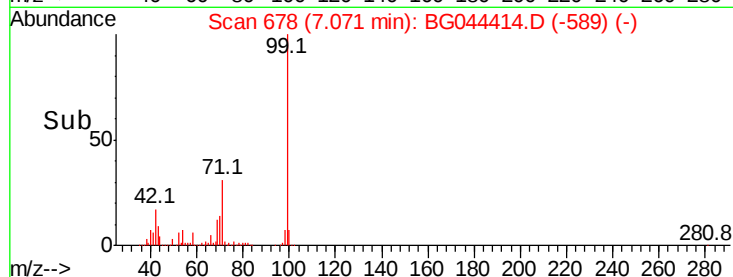
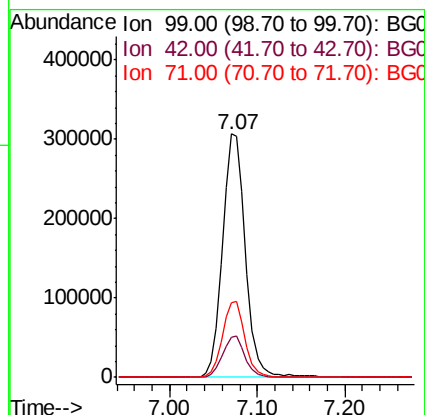
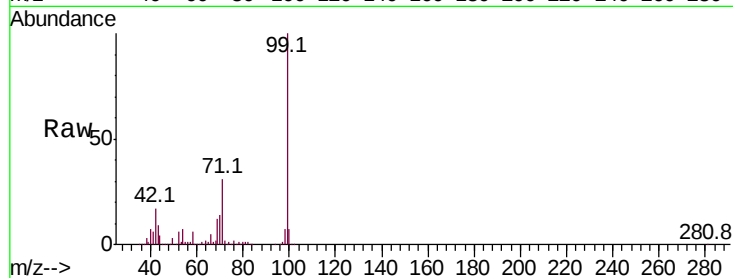
Tot Ion: 99 Resp: 554550

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

71 30.9 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: BG044414.D

Acq: 12 Feb 2020 18:29

Tgt Ion: 136 Resp: 261863

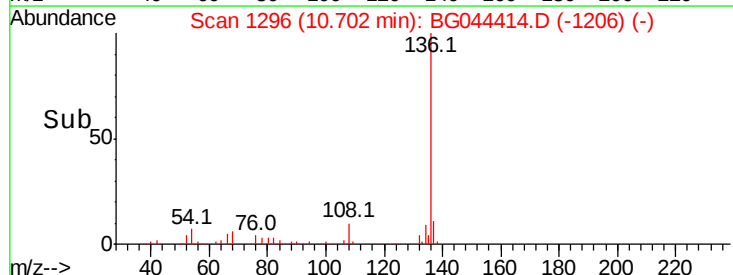
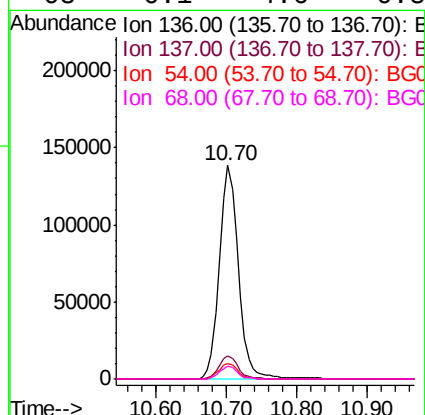
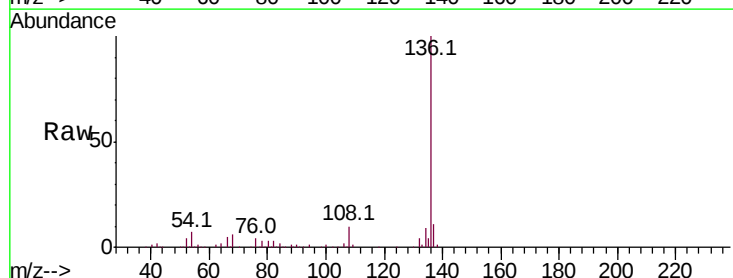
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.4 5.8 8.8

68 6.1 4.6 6.8

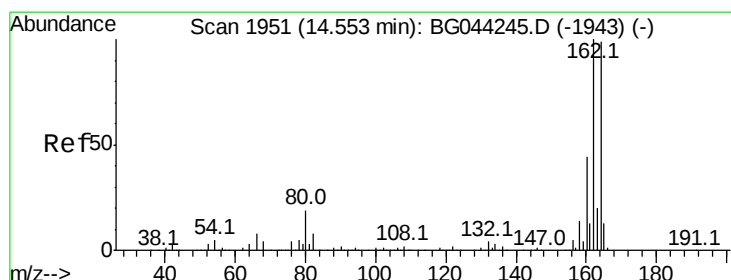
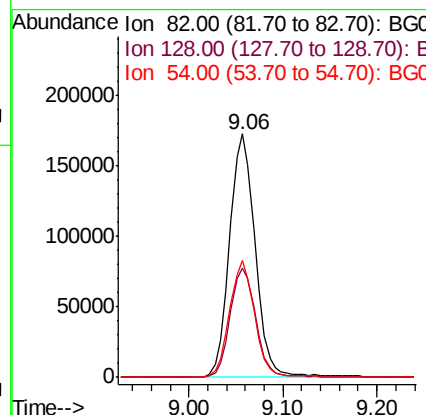
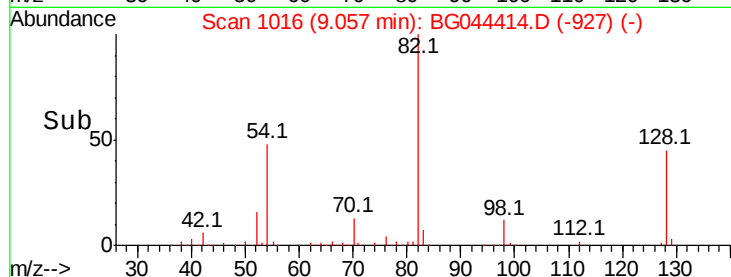
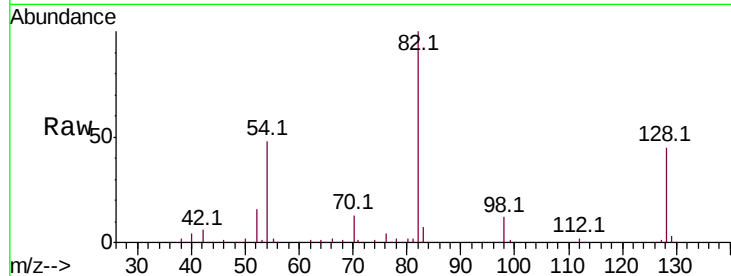




#23
Nitrobenzene-d5
Concen: 70.825 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

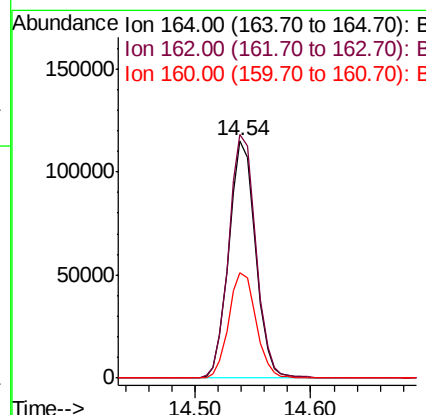
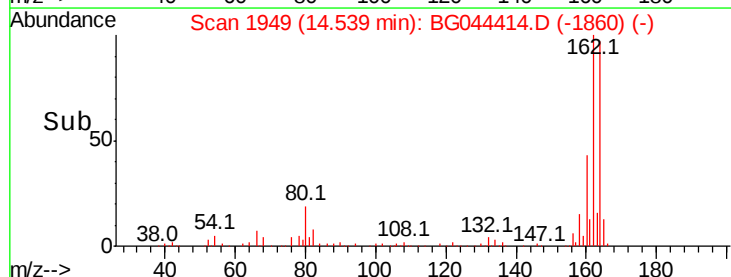
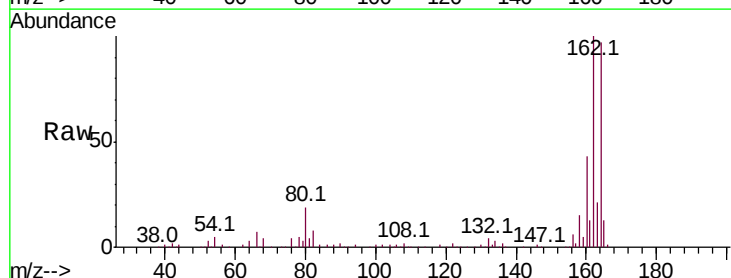
Instrument :
BNA_G
ClientSampleId :
SB-2A-(18.5-20.5)

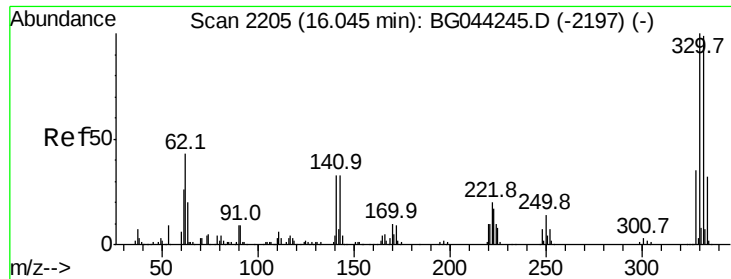
Tot Ion: 82 Resp: 328508
Ion Ratio Lower Upper
82 100
128 45.0 36.5 54.7
54 47.9 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Tgt Ion:164 Resp: 185216
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 44.2 35.3 52.9

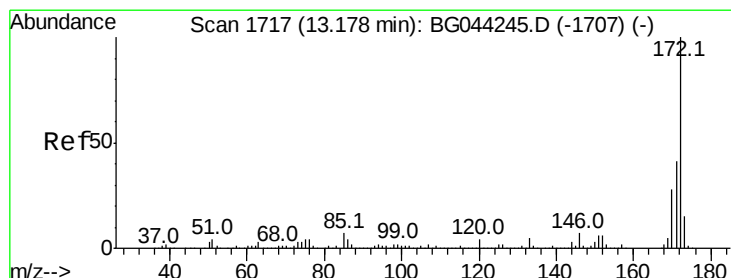
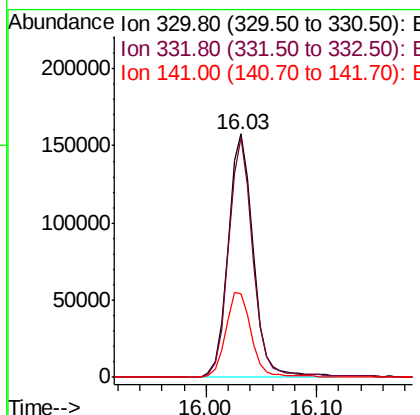
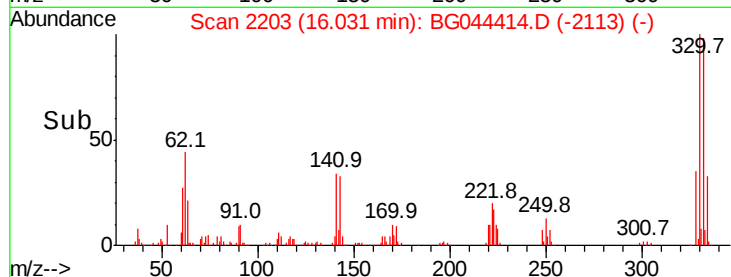
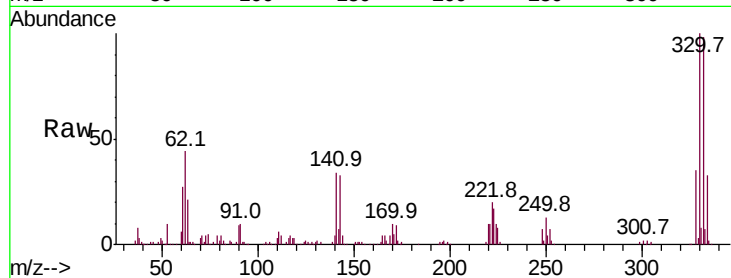




#42
 2,4,6-Tribromophenol
 Concen: 115.889 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

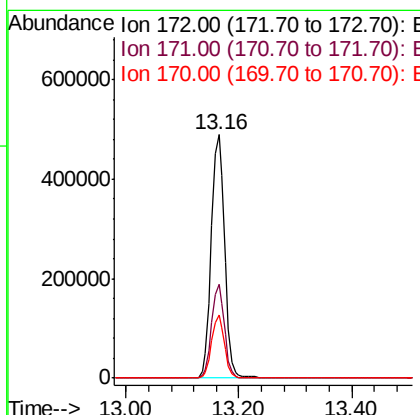
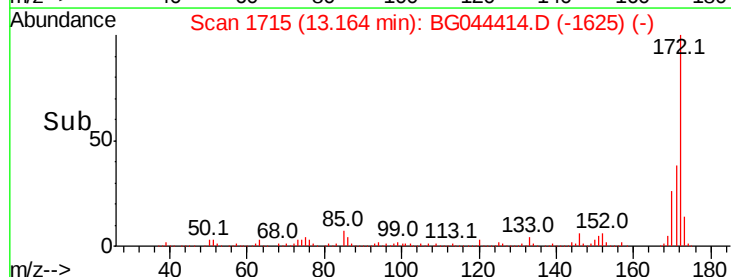
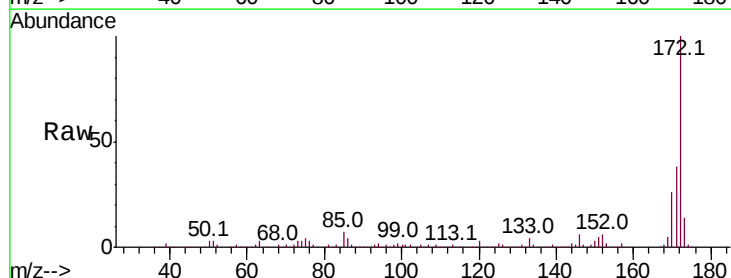
Instrument :
 BNA_G
 ClientSampleId :
 SB-2A-(18.5-20.5)

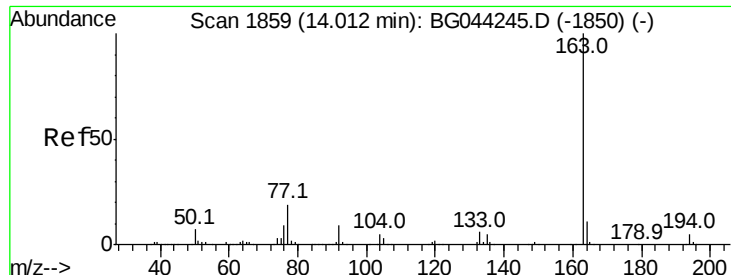
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	36.2	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 72.825 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	25.8	22.0	33.0





#50

Dimethylphthalate

Concen: 2.482 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

SB-2A-(18.5-20.5)

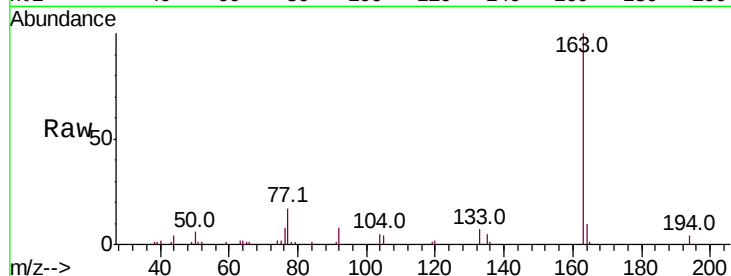
Tot Ion:163 Resp: 33042

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4

164 9.9 8.7 13.1

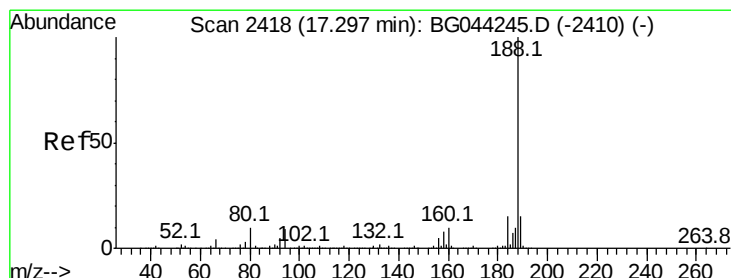
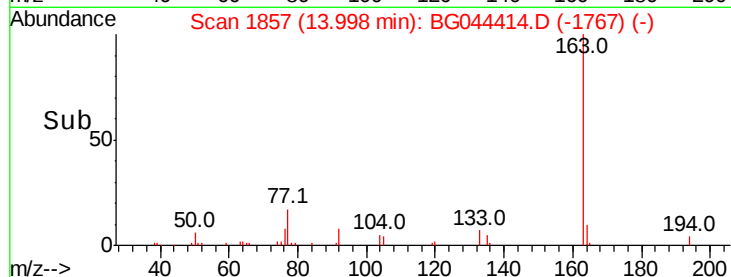
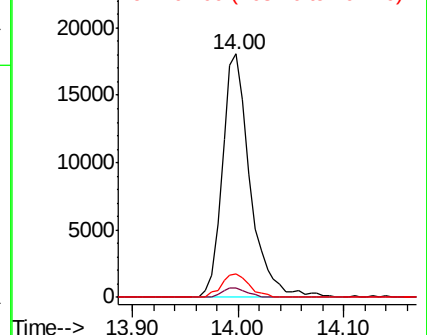


Abundance

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: BG044414.D

Acq: 12 Feb 2020 18:29

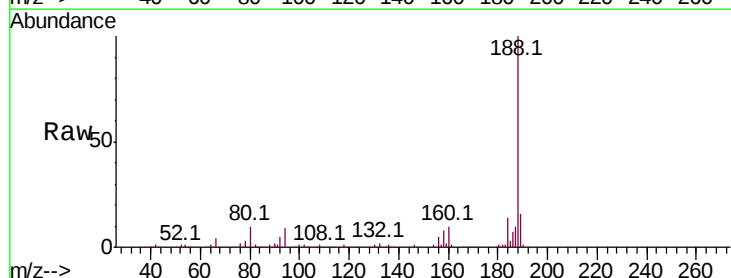
Tgt Ion:188 Resp: 460926

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.8 7.7 11.5

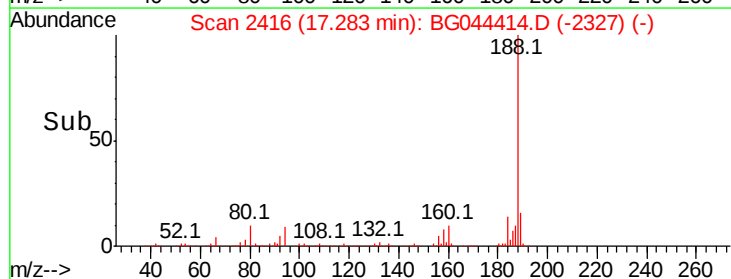
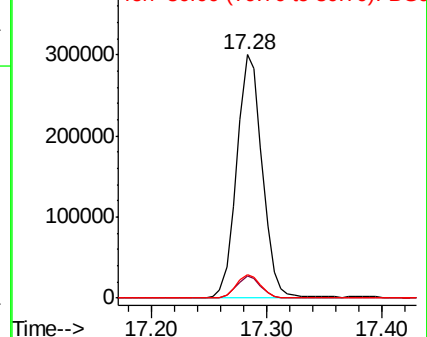


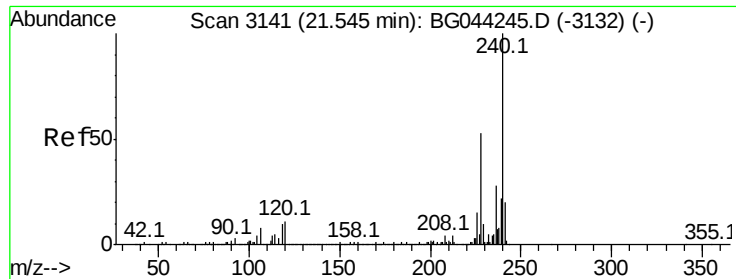
Abundance

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

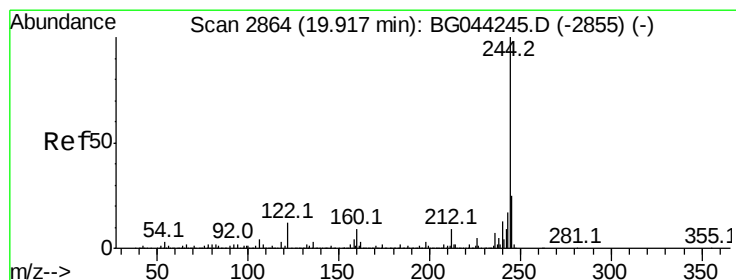
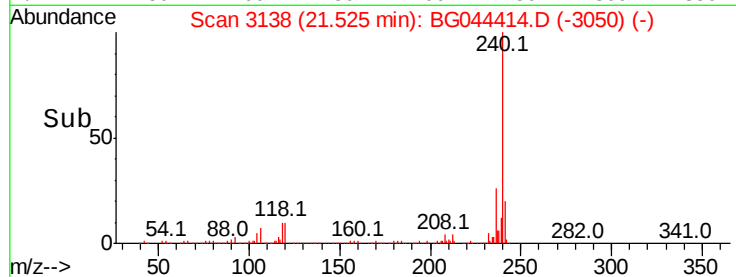
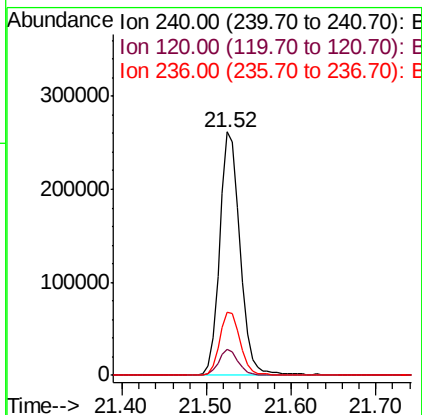
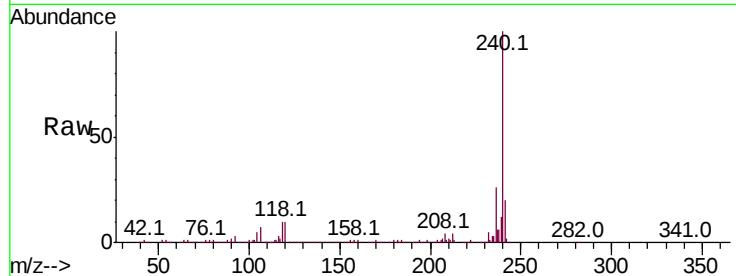




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

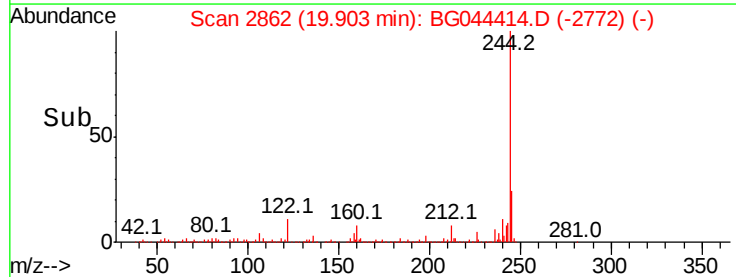
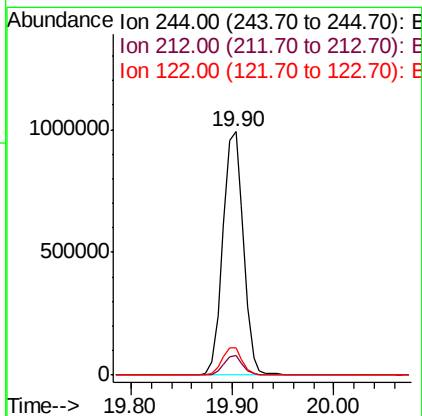
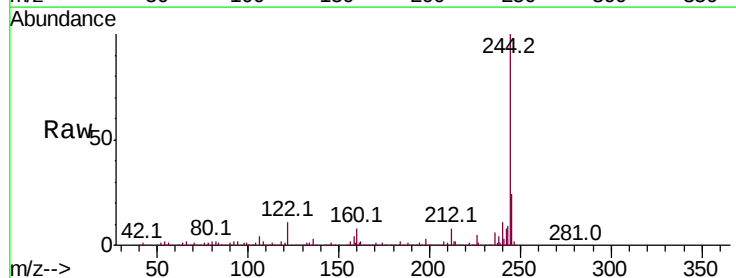
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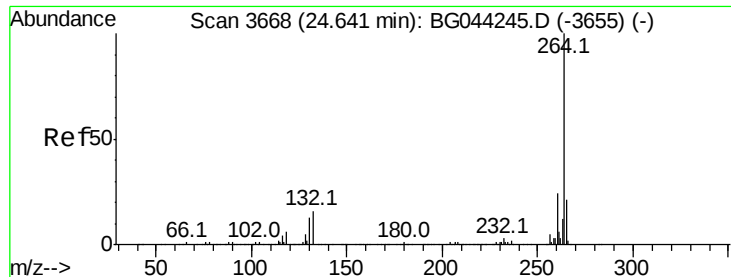
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	25.8	22.1	33.1



#79
 Terphenyl-d14
 Concen: 65.054 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.2
122	11.0	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Instrument :
BNA_G
ClientSampleId :
SB-2A-(18.5-20.5)

Tot Ion:264 Resp: 449754

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.5	16.7	25.1

