

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044410.D
 Acq On : 12 Feb 2020 15:51
 Operator : CG/JU
 Sample : L1491-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1E-(7.5-9.5)

Quant Time: Feb 13 01:19:09 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

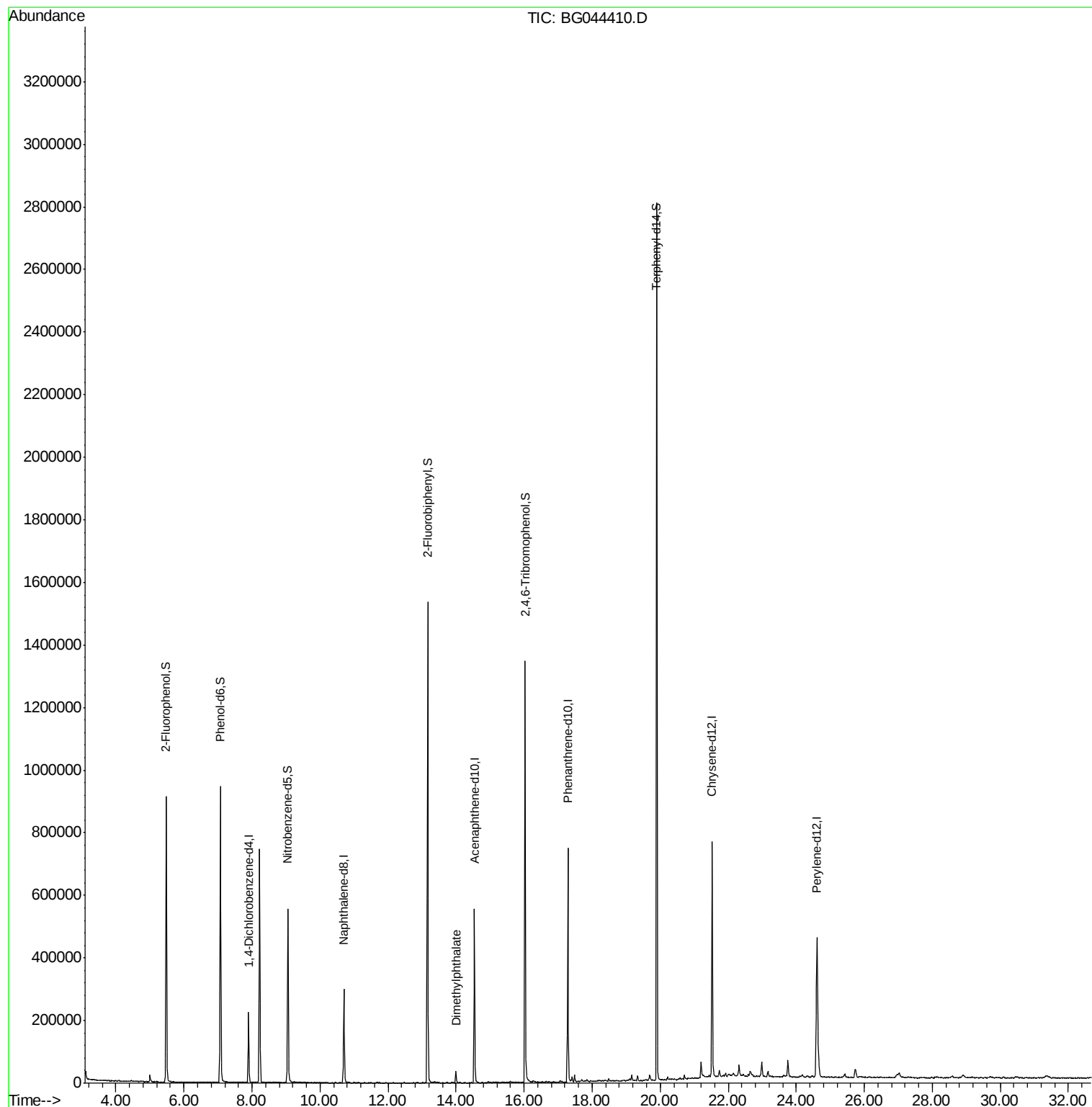
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	66547	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	285978	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	197985	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	472906	20.00	ng	0.00
76) Chrysene-d12	21.53	240	447958	20.00	ng	-0.01
87) Perylene-d12	24.61	264	466088	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	456048	120.95	ng	0.00
7) Phenol-d6	7.07	99	612009	120.87	ng	0.00
23) Nitrobenzene-d5	9.06	82	367209	72.49	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	271461	116.80	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	875464	74.05	ng	0.00
79) Terphenyl-d14	19.90	244	1381973	63.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.99	163	33317	2.341	ng	Qvalue 99

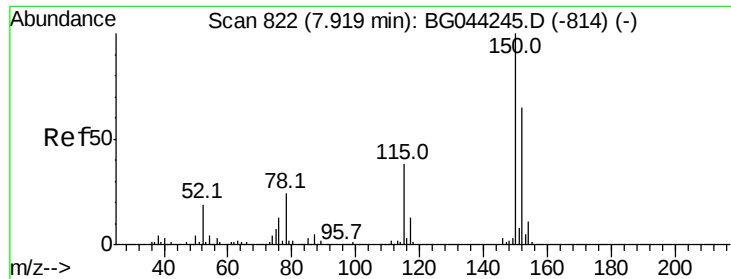
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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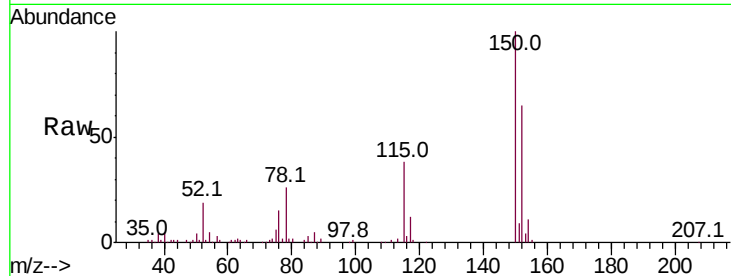


#1

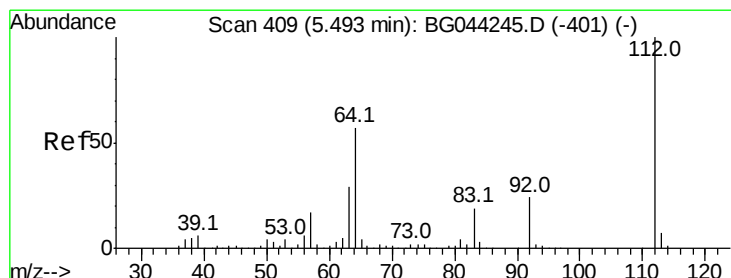
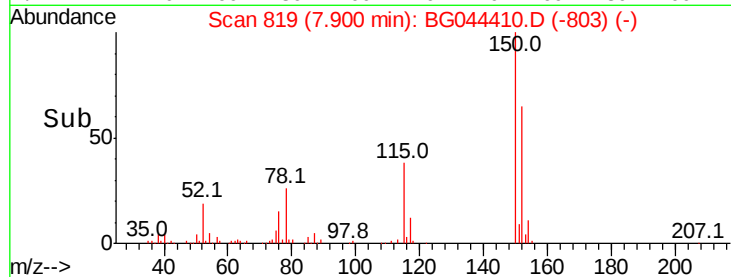
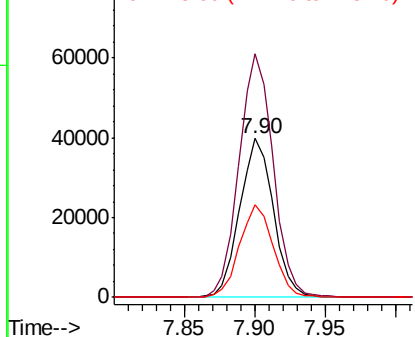
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Instrument :
BNA_G
ClientSampleId :
SB-1E-(7.5-9.5)

Tot Ion:152 Resp: 66547
Ion Ratio Lower Upper
152 100
150 153.1 122.6 183.8
115 58.1 46.0 69.0



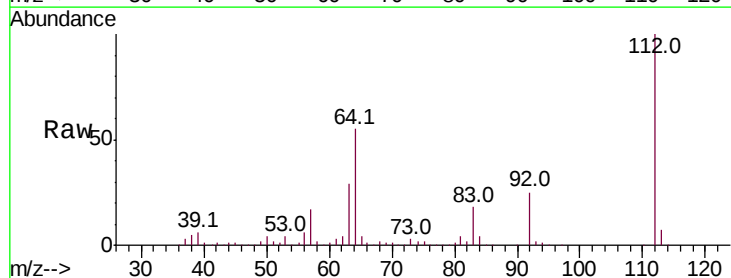
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



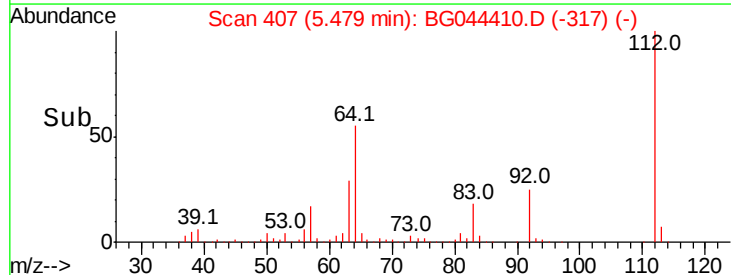
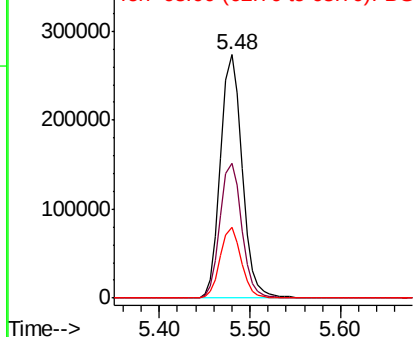
#5

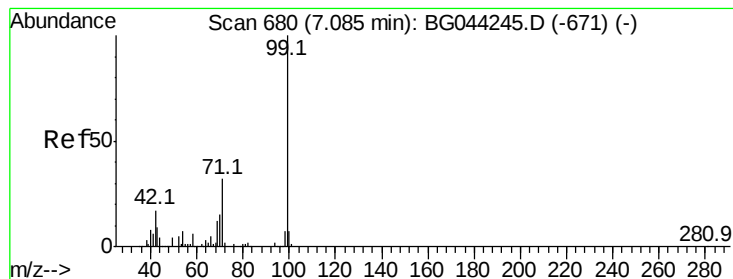
2-Fluorophenol
Concen: 120.945 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Tgt Ion:112 Resp: 456048
Ion Ratio Lower Upper
112 100
64 55.2 45.4 68.2
63 28.8 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: 120.867 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

SB-1E-(7.5-9.5)

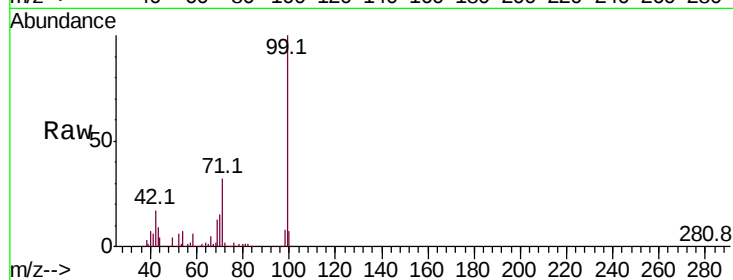
Tot Ion: 99 Resp: 612009

Ion Ratio Lower Upper

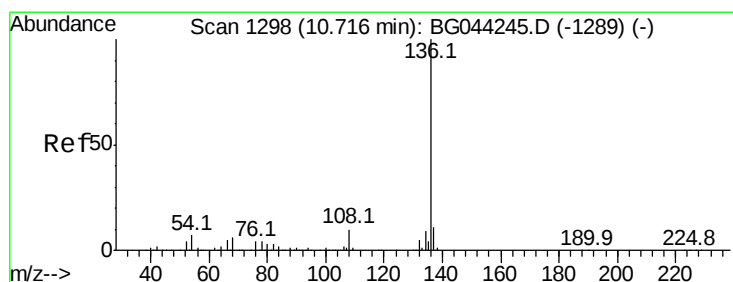
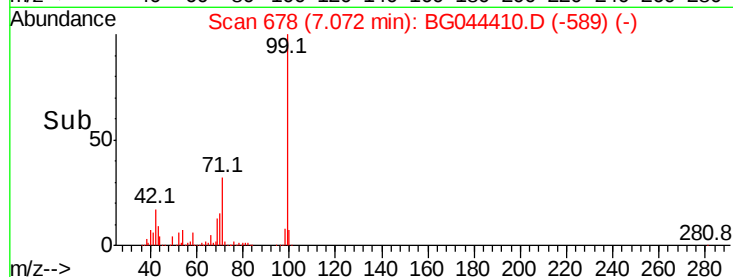
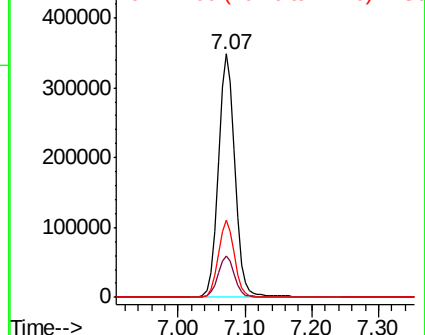
99 100

42 17.1 13.8 20.6

71 31.9 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: BG044410.D

Acq: 12 Feb 2020 15:51

Tgt Ion: 136 Resp: 285978

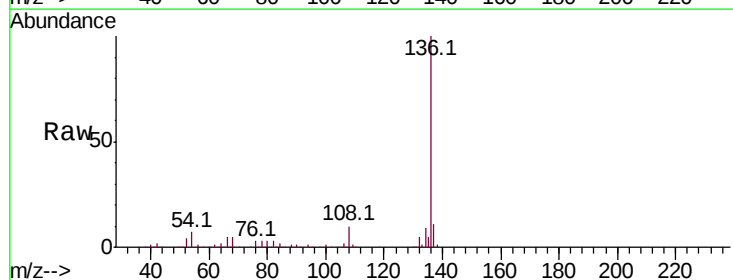
Ion Ratio Lower Upper

136 100

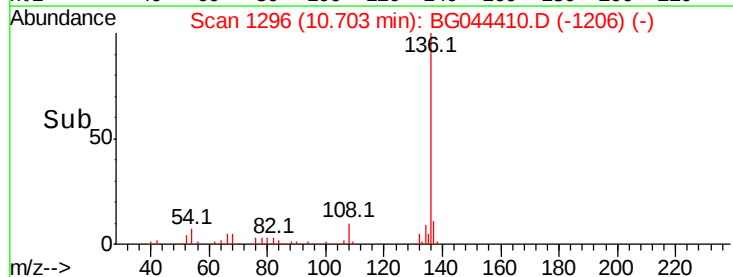
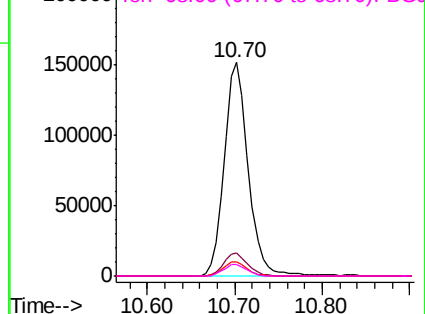
137 11.0 8.8 13.2

54 6.9 5.8 8.8

68 5.4 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

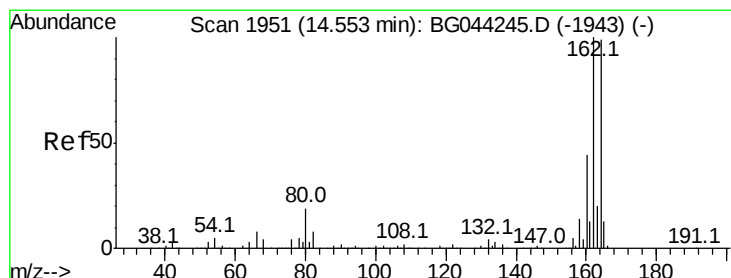
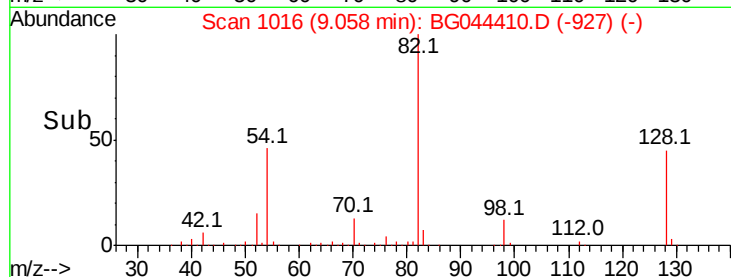
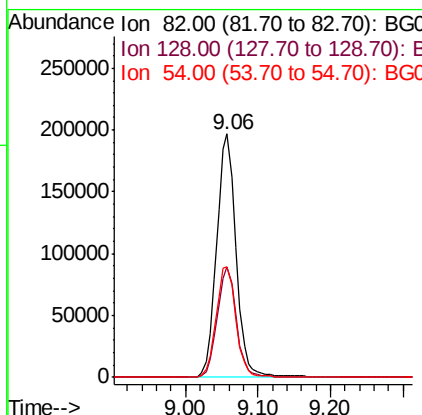
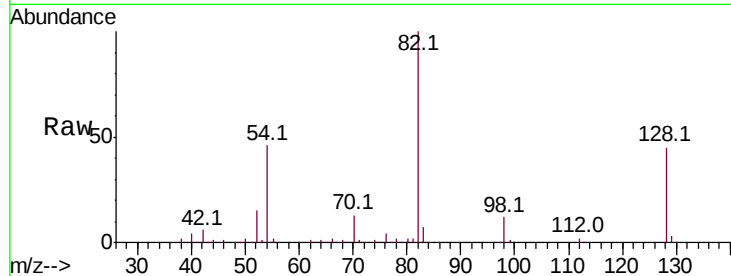




#23
Nitrobenzene-d5
Concen: 72.493 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

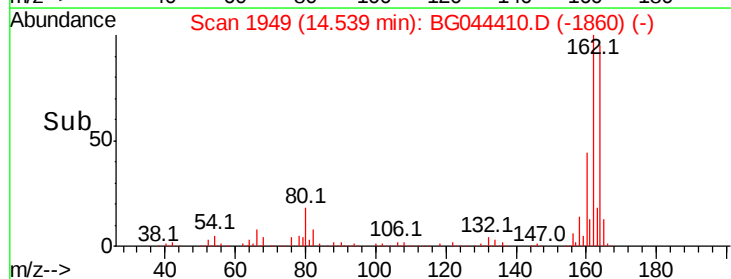
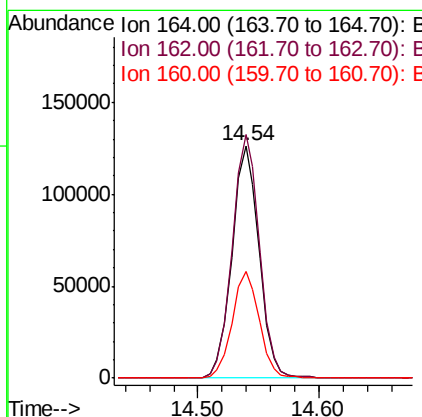
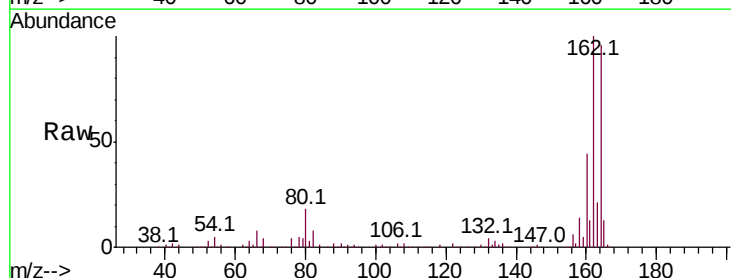
Instrument :
BNA_G
ClientSampleId :
SB-1E-(7.5-9.5)

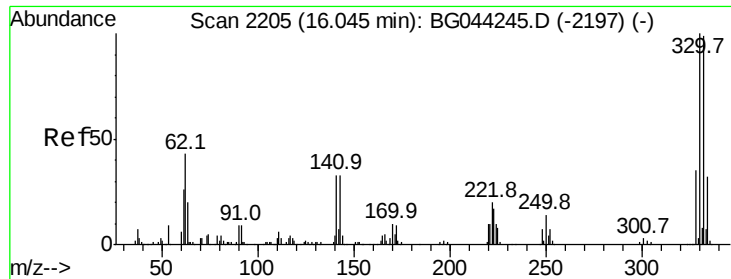
Tot Ion	82	Resp	367209
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.5	54.7
54	45.5	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Tgt Ion	164	Resp	197985
Ion Ratio	Lower	Upper	
164	100		
162	104.6	80.7	121.1
160	46.1	35.3	52.9

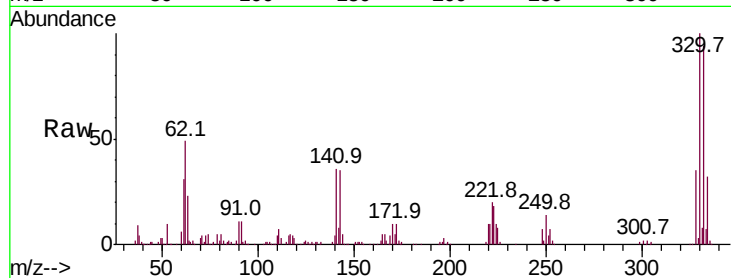




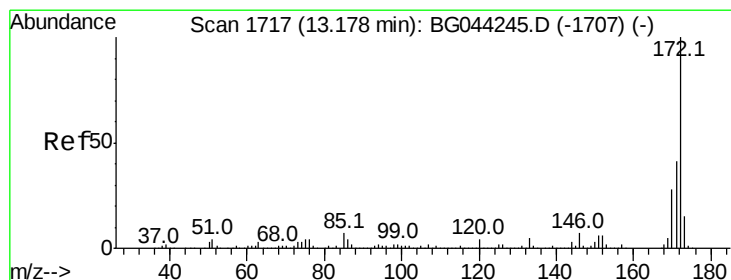
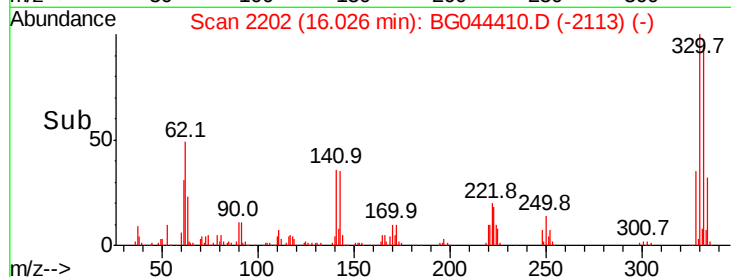
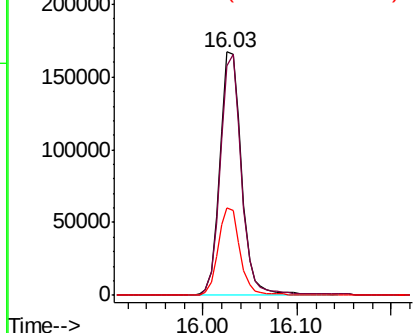
#42
 2,4,6-Tribromophenol
 Concen: 116.796 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-1E-(7.5-9.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	36.3	28.3	42.5

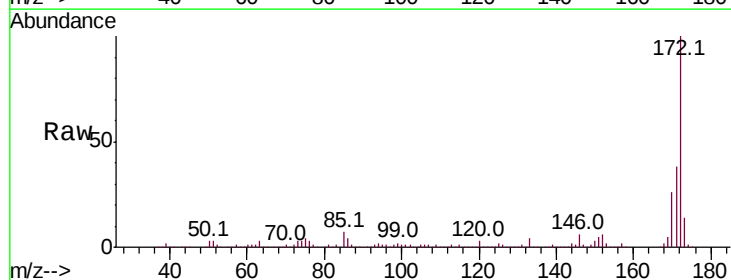


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

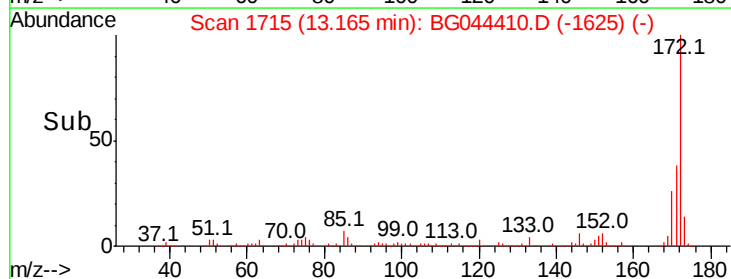
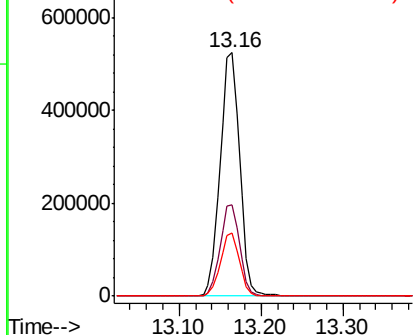


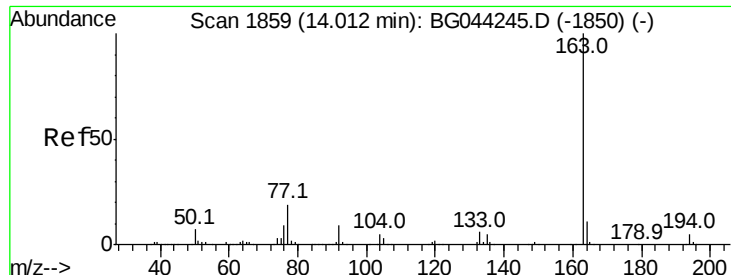
#45
 2-Fluorobiphenyl
 Concen: 74.047 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	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





#50

Dimethylphthalate

Concen: 2.341 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

SB-1E-(7.5-9.5)

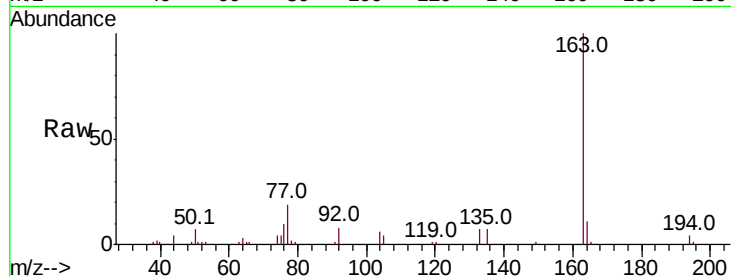
Tot Ion:163 Resp: 33317

Ion Ratio Lower Upper

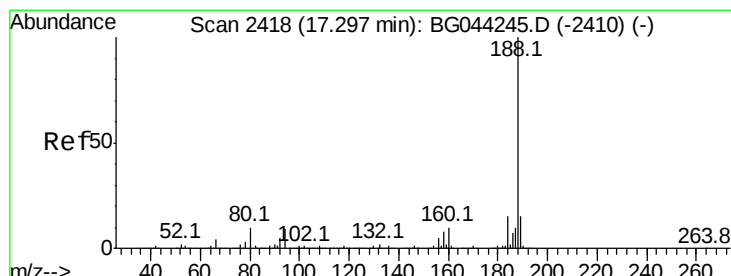
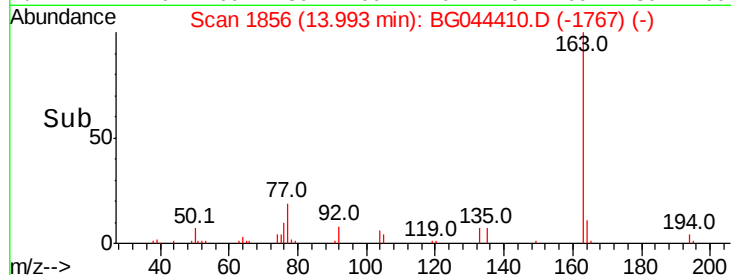
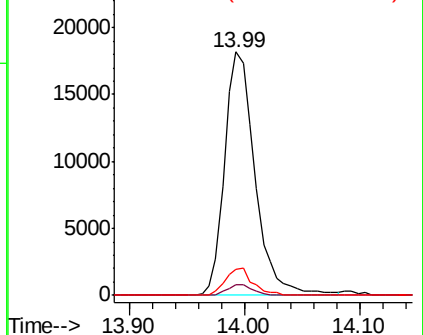
163 100

194 4.2 3.6 5.4

164 10.5 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: BG044410.D

Acq: 12 Feb 2020 15:51

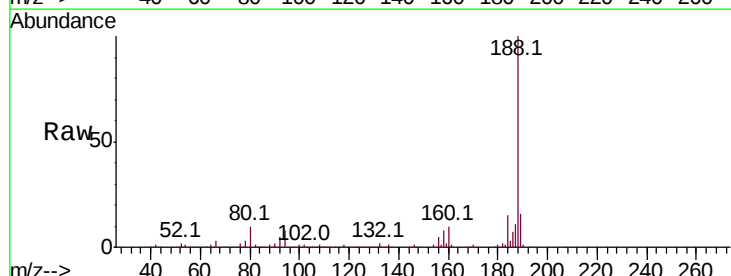
Tgt Ion:188 Resp: 472906

Ion Ratio Lower Upper

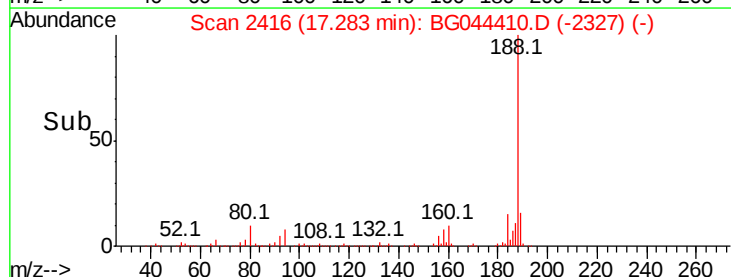
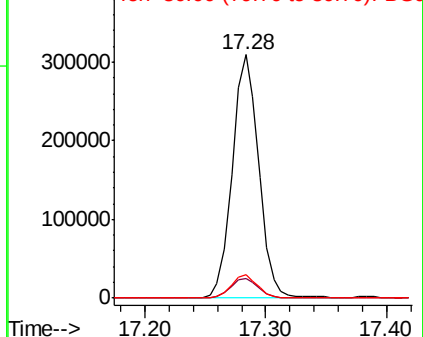
188 100

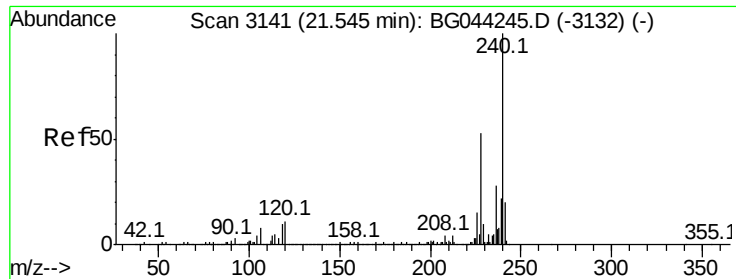
94 8.2 7.4 11.2

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): BGC
Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

SB-1E-(7.5-9.5)

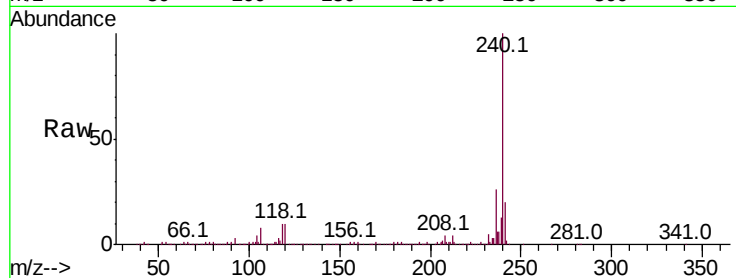
Tot Ion:240 Resp: 447958

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

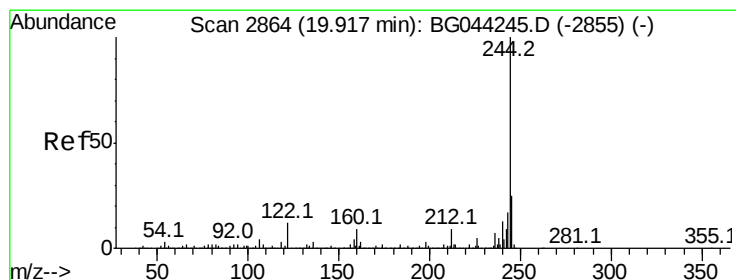
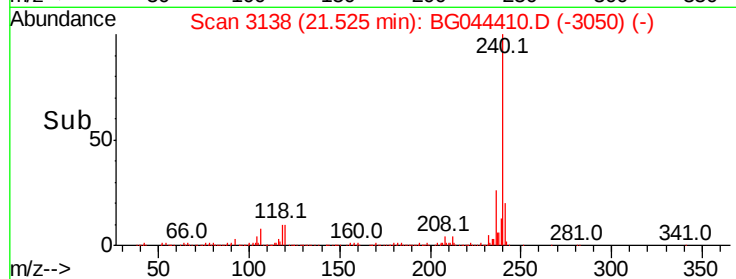
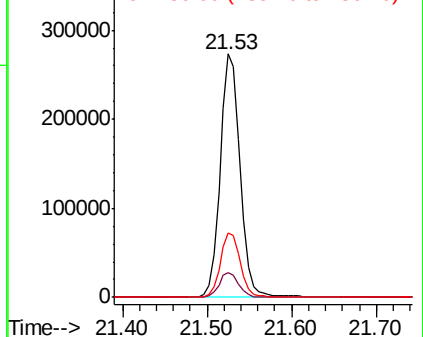
236 26.3 22.1 33.1



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: 63.456 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

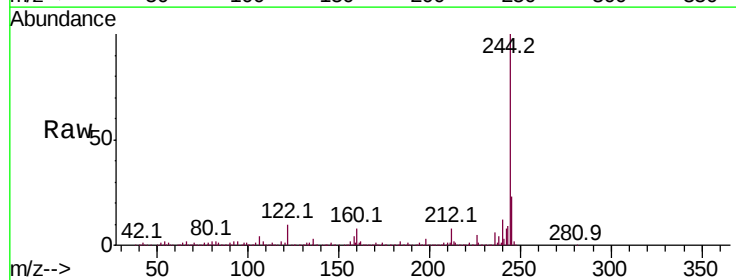
Tgt Ion:244 Resp: 1381973

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

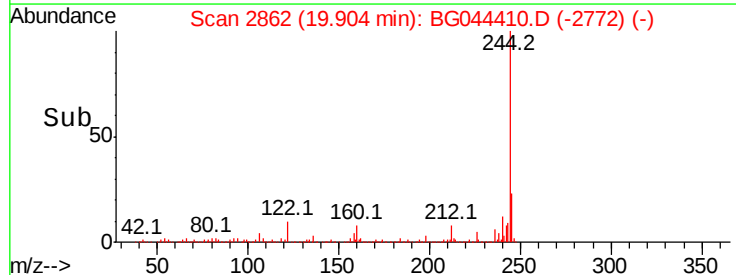
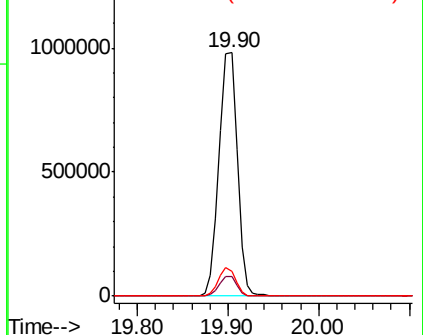
122 10.4 9.8 14.6

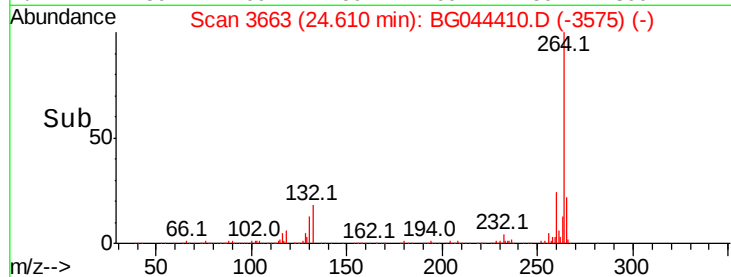
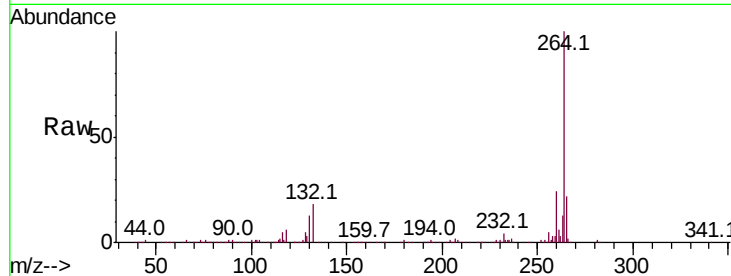
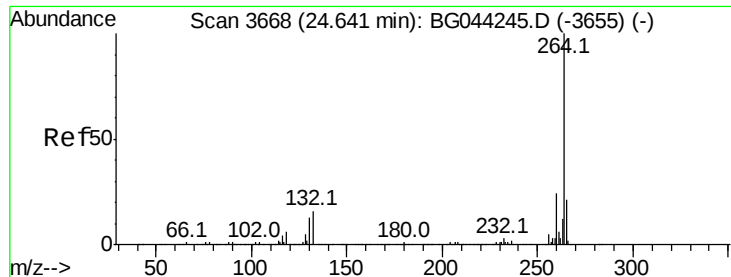


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Instrument :
BNA_G
ClientSampleId :
SB-1E-(7.5-9.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.2	16.7	25.1

