

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044412.D
 Acq On : 12 Feb 2020 17:10
 Operator : CG/JU
 Sample : L1491-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2C-(8.5-10.5)

Quant Time: Feb 13 02:41:24 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

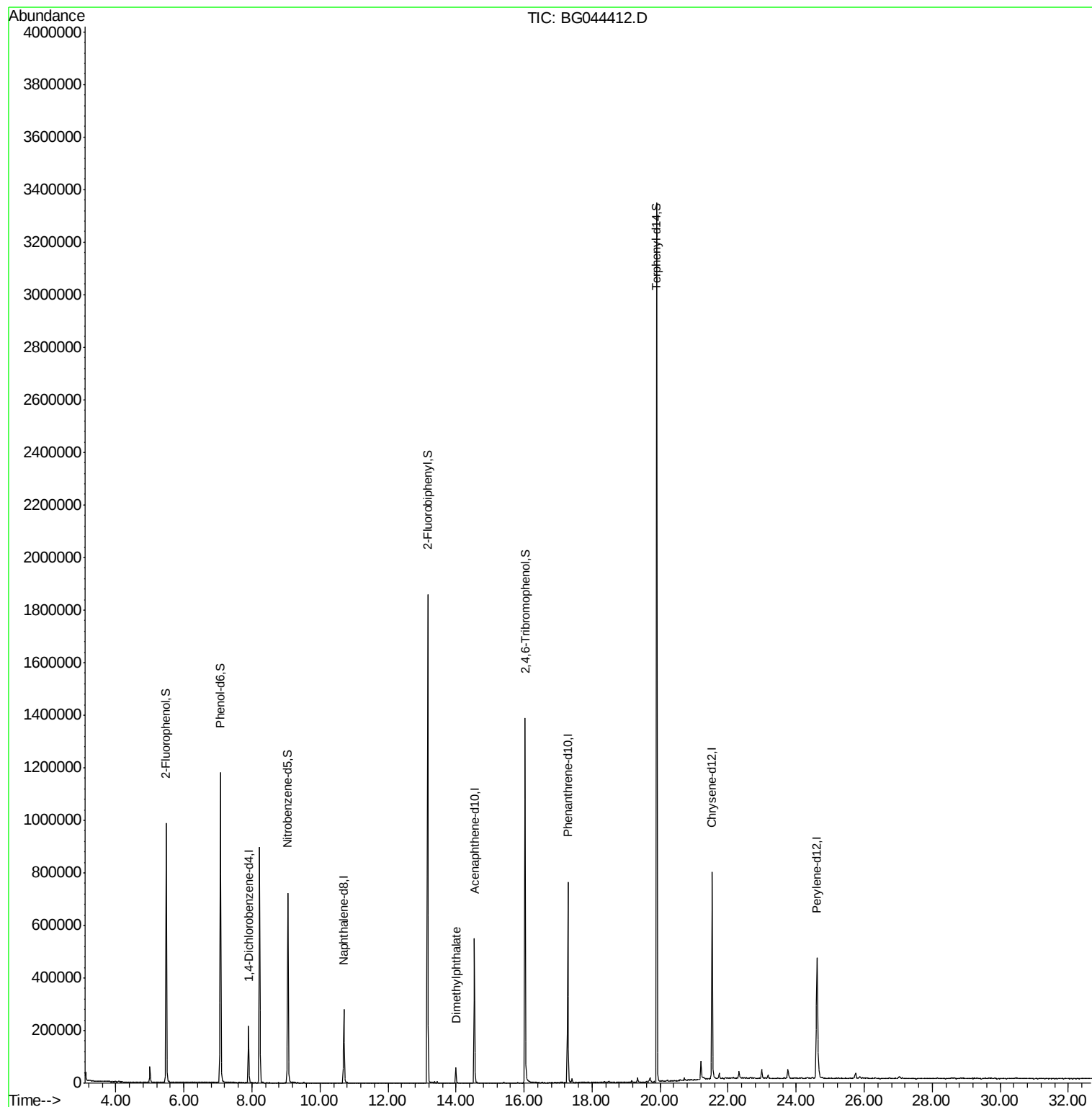
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	64105	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	273732	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	195826	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	481657	20.00	ng	0.00
76) Chrysene-d12	21.53	240	461807	20.00	ng	0.00
87) Perylene-d12	24.61	264	474259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	480620	132.32	ng	0.00
7) Phenol-d6	7.07	99	759967	155.80	ng	0.00
23) Nitrobenzene-d5	9.06	82	465088	95.92	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	281545	122.47	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1035180	88.52	ng	0.00
79) Terphenyl-d14	19.90	244	1583282	70.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.99	163	46963	3.336	ng	Qvalue 98

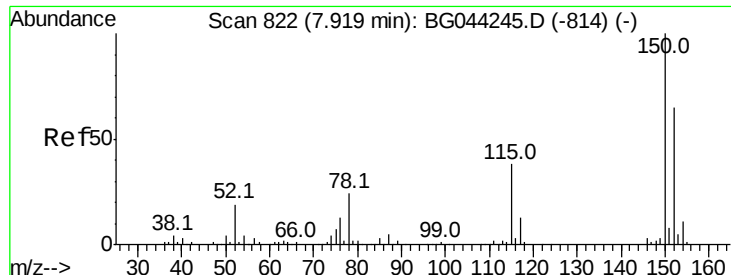
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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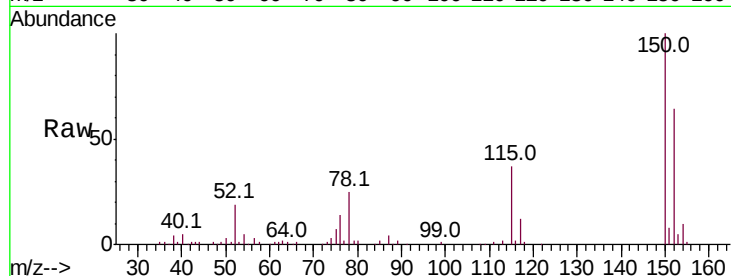


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-2C-(8.5-10.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.6	183.8
115	57.3	46.0	69.0

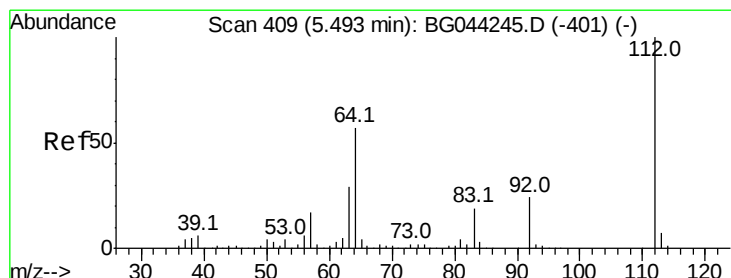
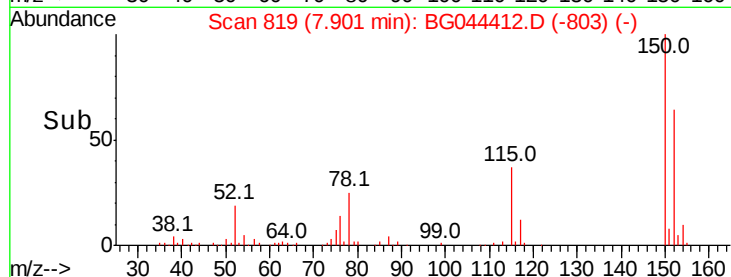
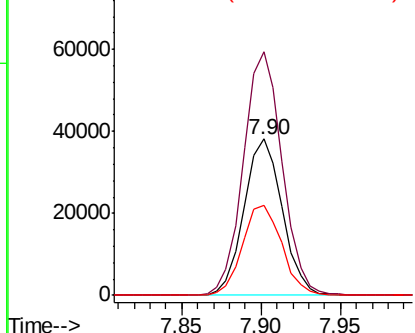


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

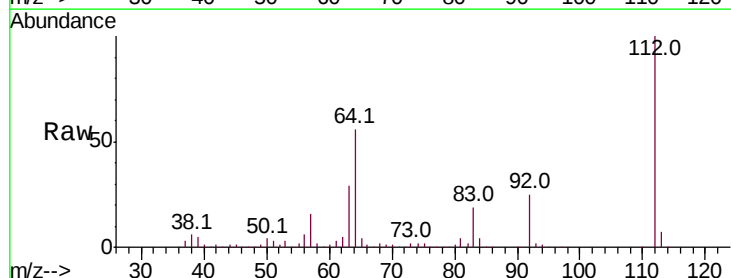
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 132.317 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.4	68.2
63	28.8	22.9	34.3

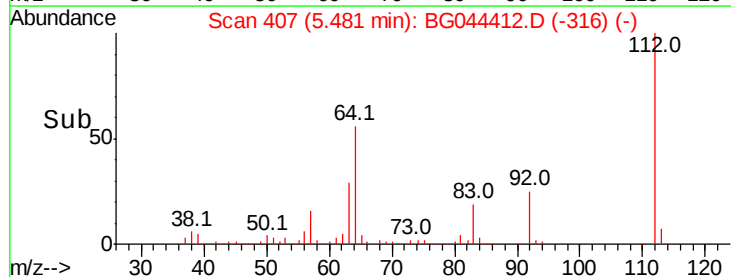
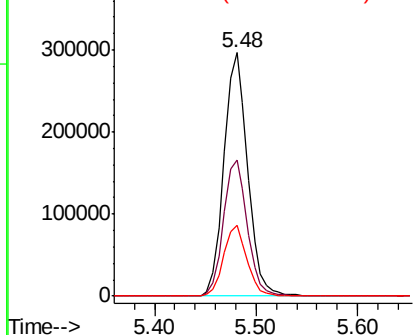


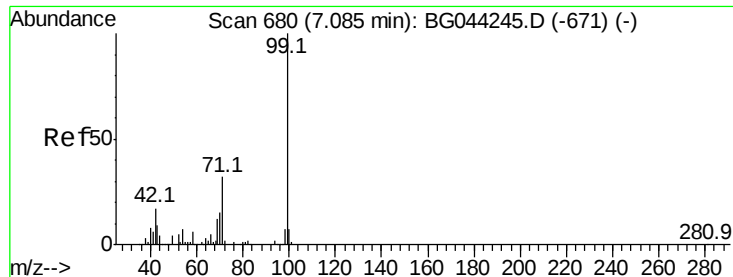
Abundance

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: 155.805 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampleId :

SB-2C-(8.5-10.5)

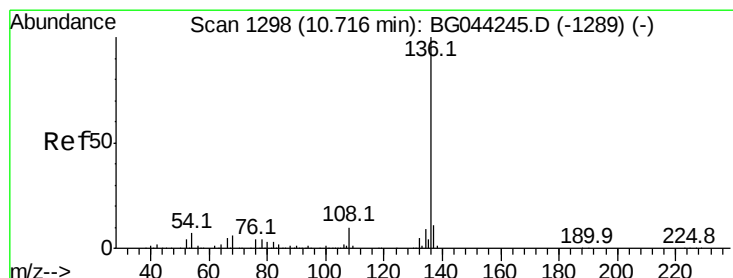
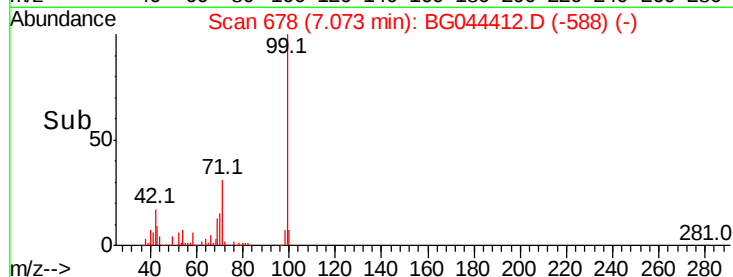
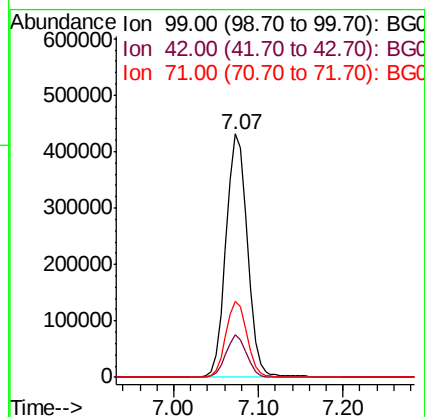
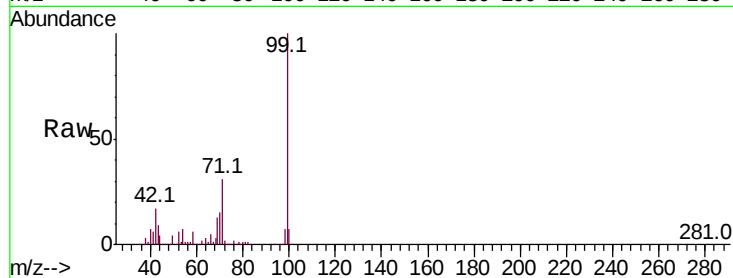
Tot Ion: 99 Resp: 759967

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

71 31.3 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: BG044412.D

Acq: 12 Feb 2020 17:10

Tgt Ion: 136 Resp: 273732

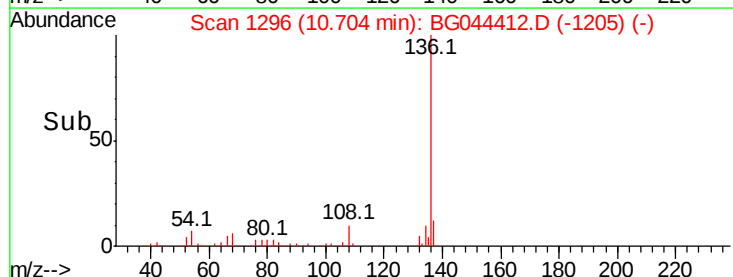
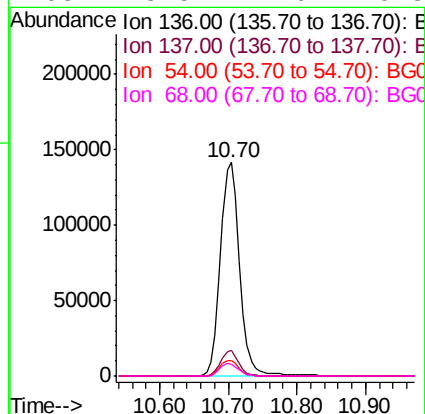
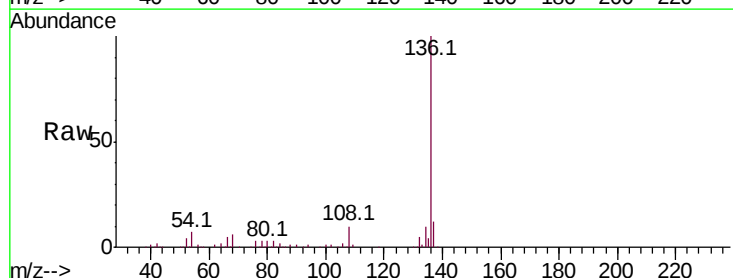
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 7.1 5.8 8.8

68 5.5 4.6 6.8

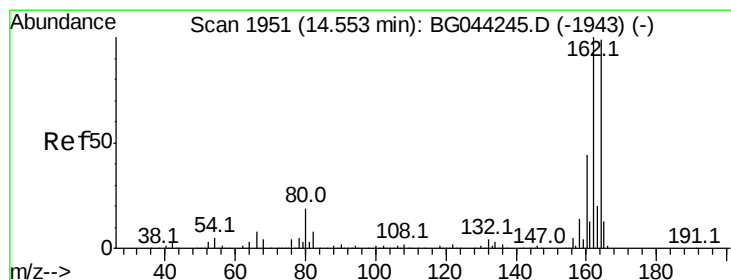
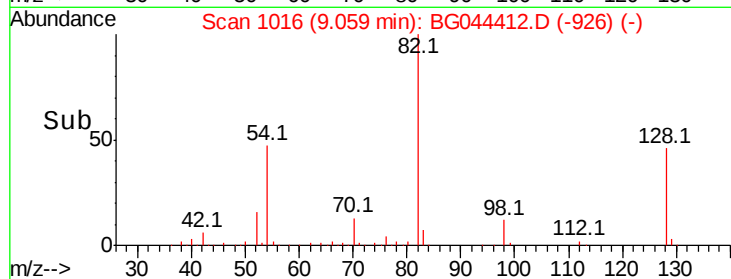
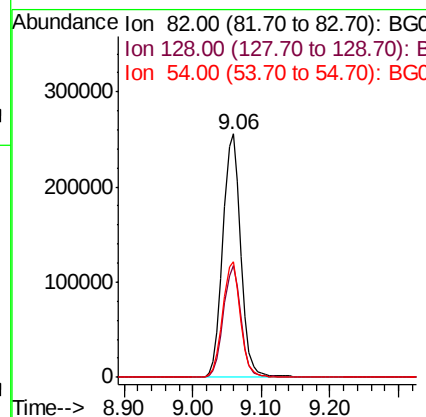
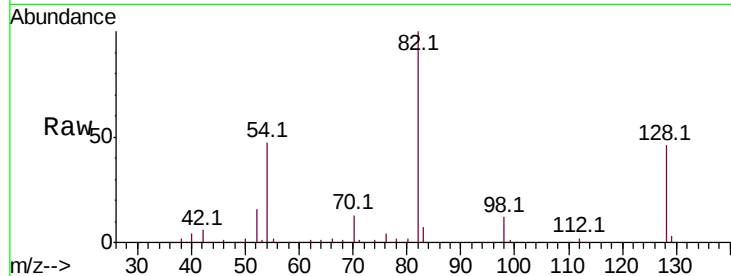




#23
 Nitrobenzene-d5
 Concen: 95.923 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

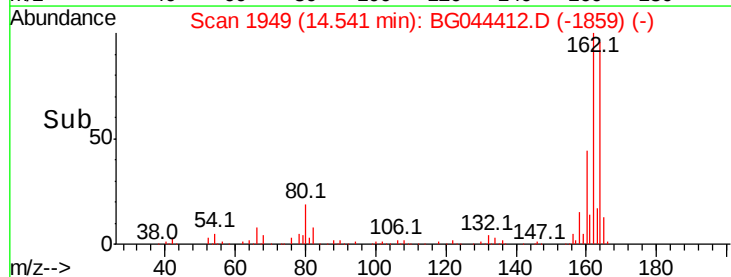
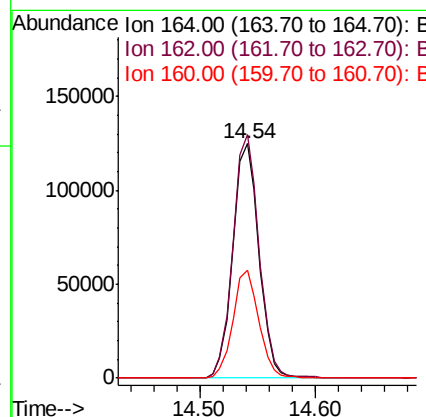
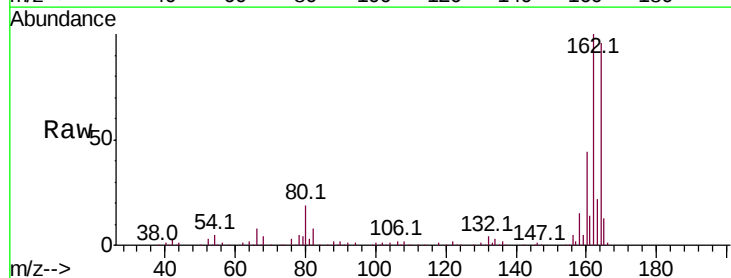
Instrument :
 BNA_G
 ClientSampleId :
 SB-2C-(8.5-10.5)

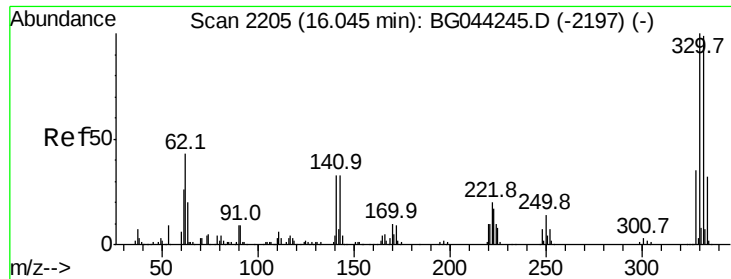
Tot Ion	82	Resp	465088
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.5	54.7
54	47.2	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Tgt Ion	164	Resp	195826
Ion Ratio	Lower	Upper	
164	100		
162	104.0	80.7	121.1
160	46.2	35.3	52.9

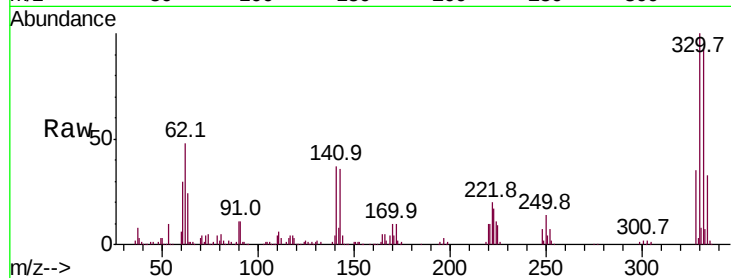




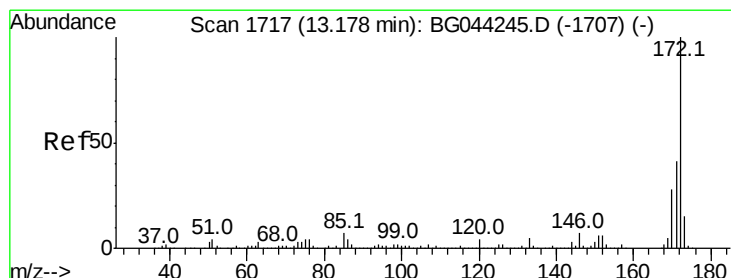
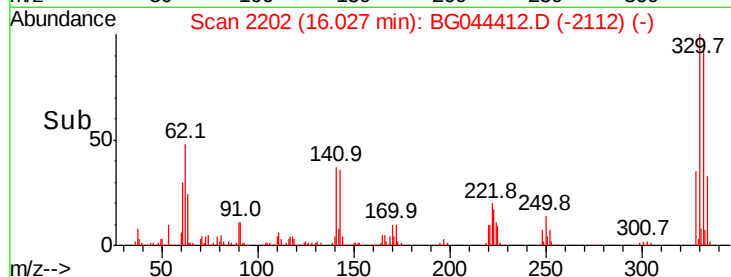
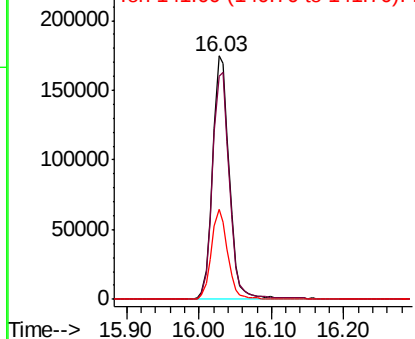
#42
 2,4,6-Tribromophenol
 Concen: 122.470 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-2C-(8.5-10.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.2	115.8
141	35.8	28.3	42.5

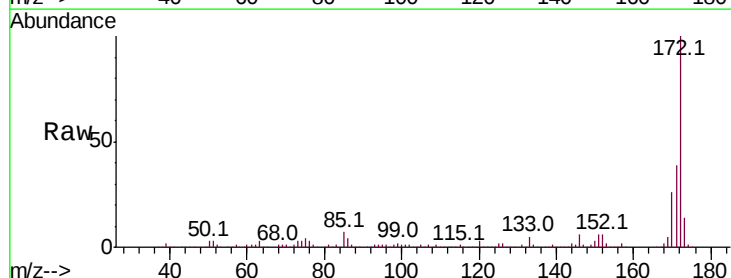


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

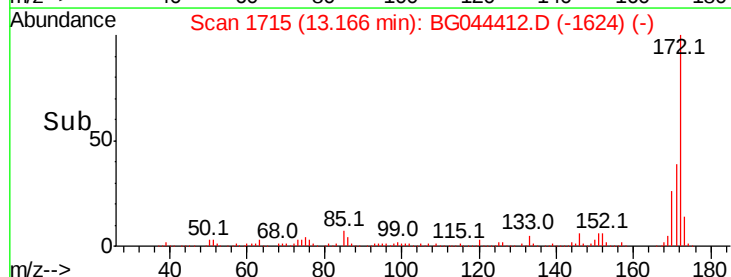
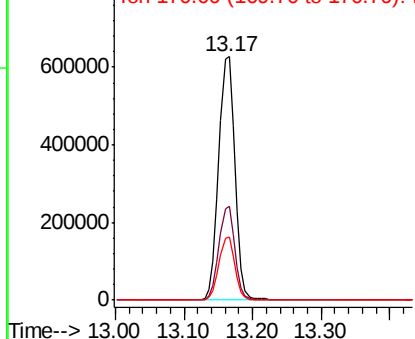


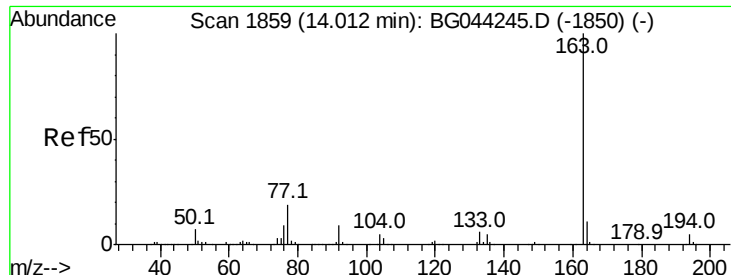
#45
 2-Fluorobiphenyl
 Concen: 88.521 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.9	49.3
170	26.1	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: 3.336 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampled :

SB-2C-(8.5-10.5)

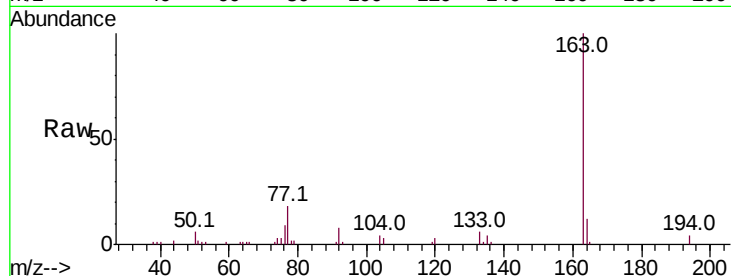
Tot Ion:163 Resp: 46963

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

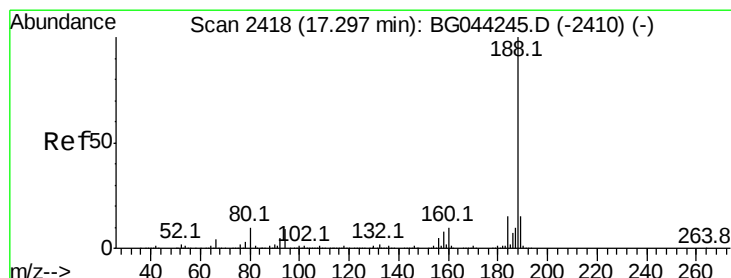
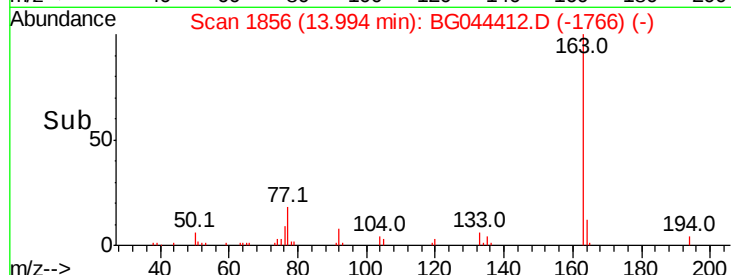
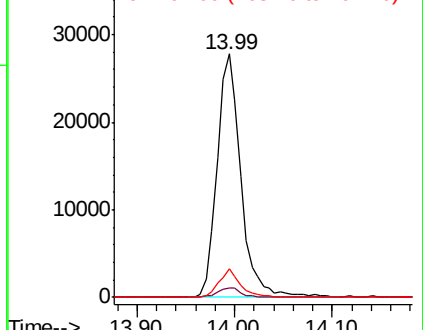
164 11.9 8.7 13.1



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. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

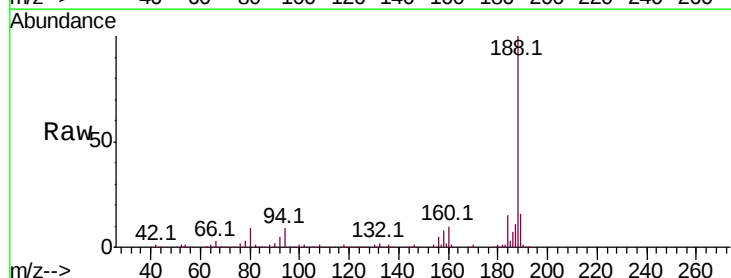
Tgt Ion:188 Resp: 481657

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

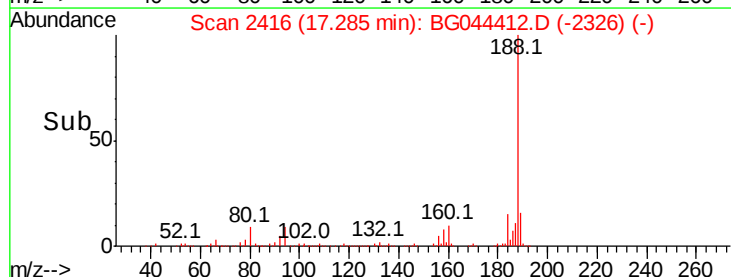
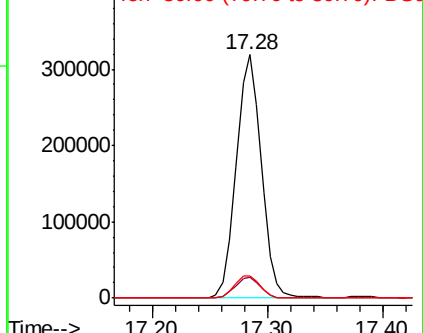
80 9.2 7.7 11.5

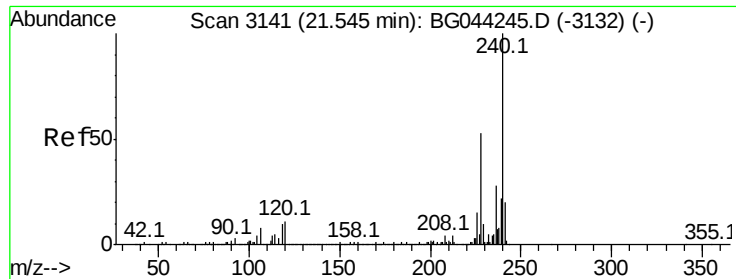


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

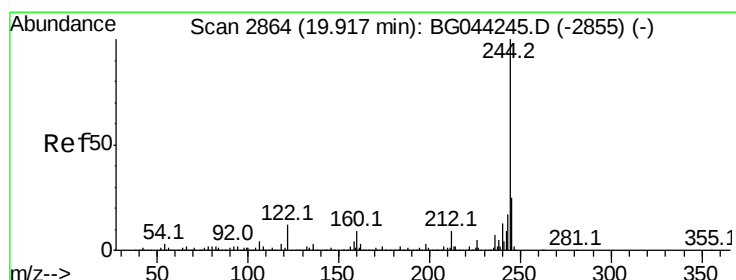
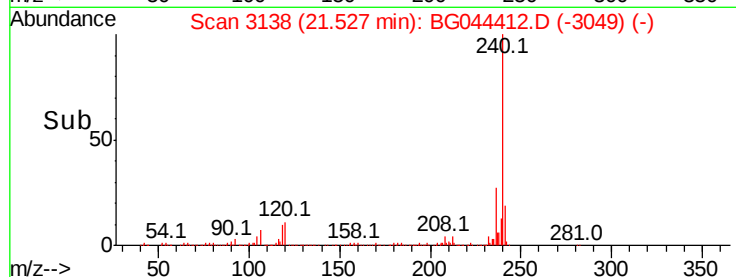
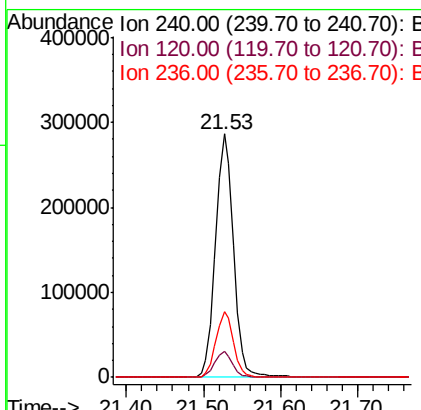
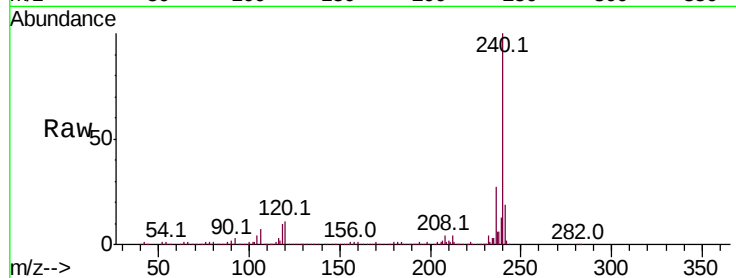




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

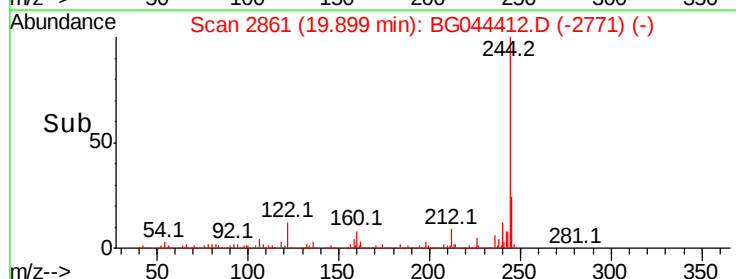
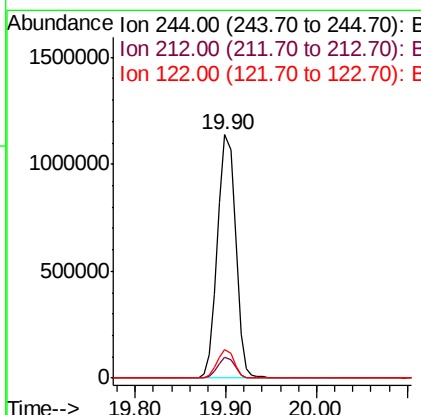
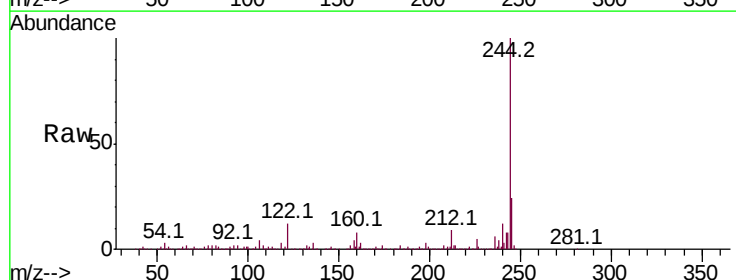
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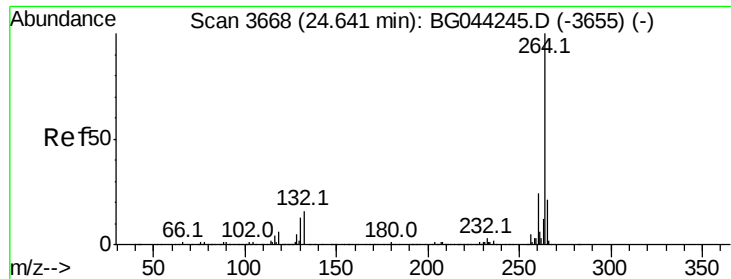
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	26.8	22.1	33.1



#79
 Terphenyl-d14
 Concen: 70.519 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	11.6	9.8	14.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.61 min Scan# 3663
 Delta R.T. -0.01 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-2C-(8.5-10.5)

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

