

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044396.D
 Acq On : 11 Feb 2020 19:53
 Operator : CG/JU
 Sample : L1456-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FM-5213

Quant Time: Feb 12 03:35:01 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

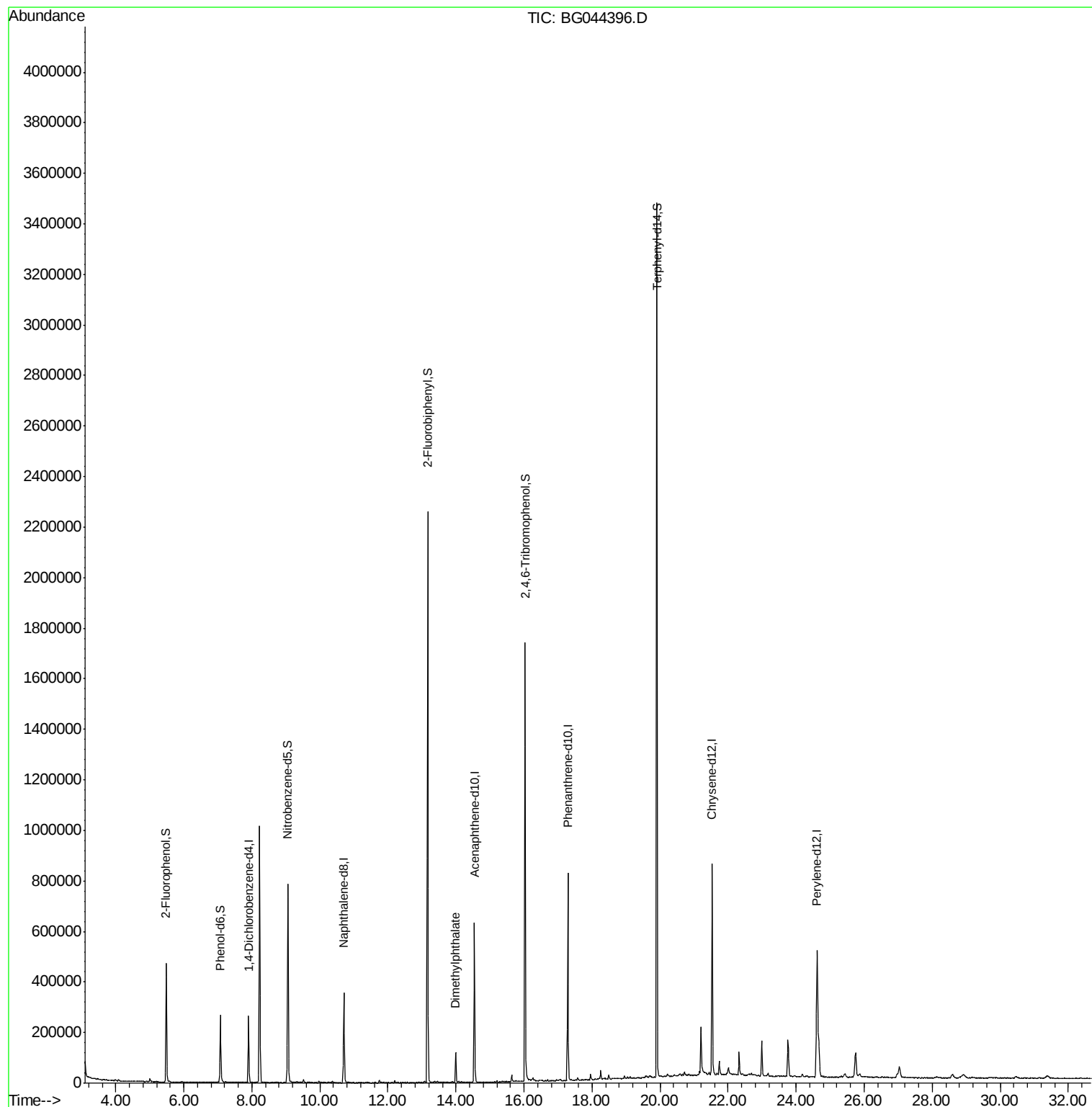
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	77478	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	335681	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	228350	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	517039	20.00	ng	0.00
76) Chrysene-d12	21.53	240	495750	20.00	ng	0.00
87) Perylene-d12	24.62	264	518334	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	238640	54.36	ng	0.00
7) Phenol-d6	7.07	99	183451	31.12	ng	0.00
23) Nitrobenzene-d5	9.06	82	510865	85.92	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	357647	133.42	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1200452	88.03	ng	0.00
79) Terphenyl-d14	19.91	244	1715065	71.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	91324	5.564	ng	99

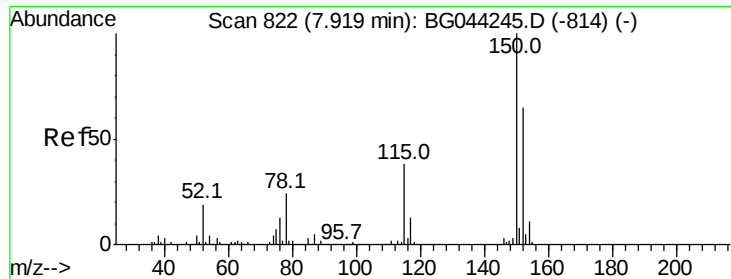
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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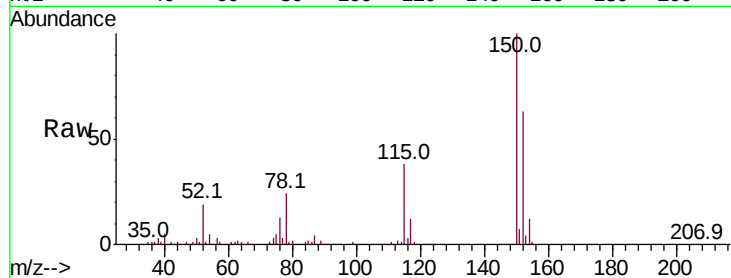


#1

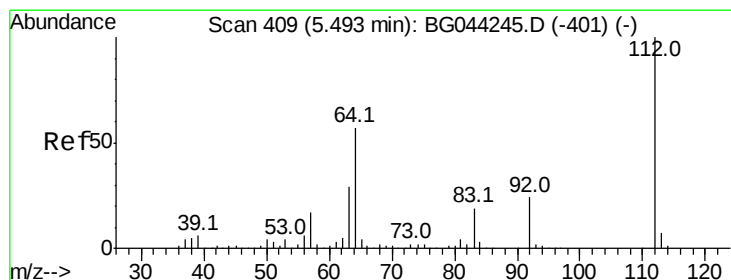
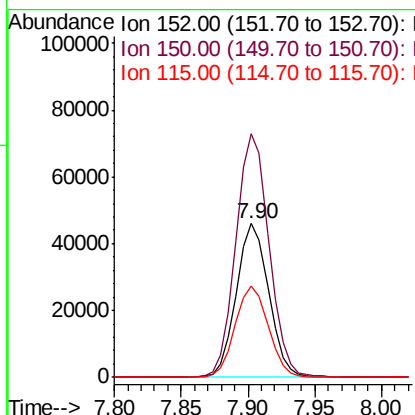
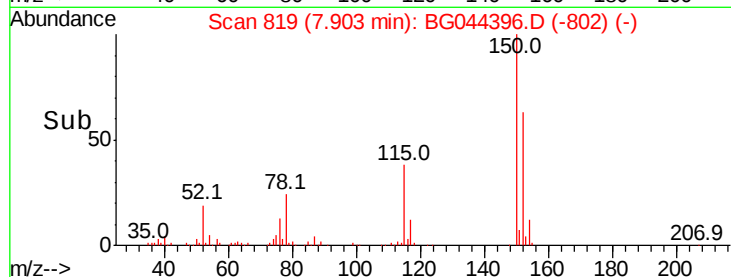
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044396.D
Acq: 11 Feb 2020 19:53

Instrument :
BNA_G
ClientSampleId :
FM-5213

Tot Ion:152 Resp: 77478
Ion Ratio Lower Upper
152 100
150 158.6 122.6 183.8
115 59.5 46.0 69.0



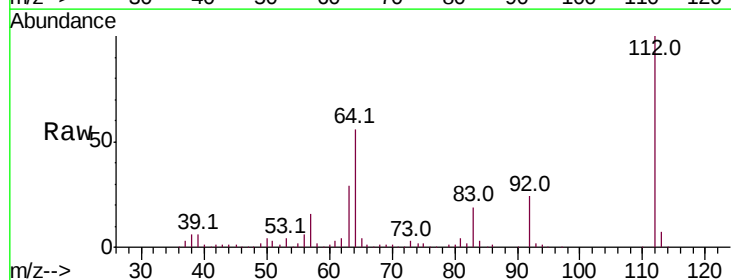
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



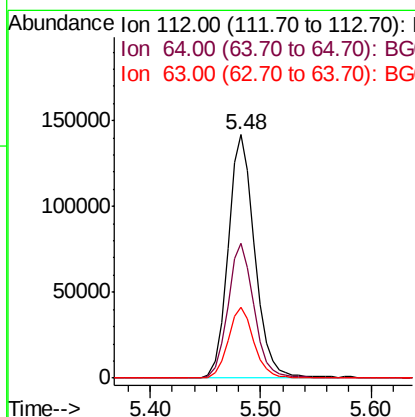
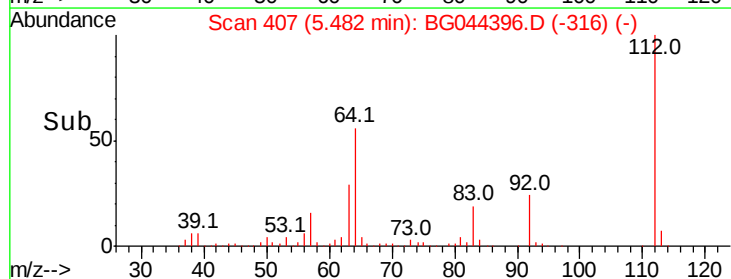
#5

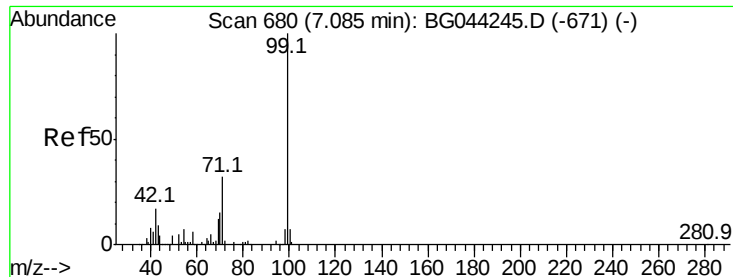
2-Fluorophenol
Concen: 54.359 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044396.D
Acq: 11 Feb 2020 19:53

Tgt Ion:112 Resp: 238640
Ion Ratio Lower Upper
112 100
64 55.6 45.4 68.2
63 28.9 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: 31.119 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044396.D

Acq: 11 Feb 2020 19:53

Instrument :

BNA_G

ClientSampled :

FM-5213

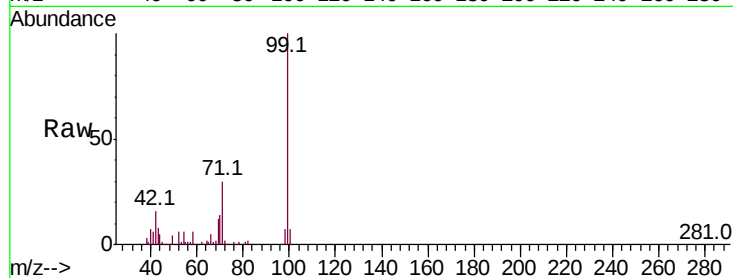
Tot Ion: 99 Resp: 183451

Ion Ratio Lower Upper

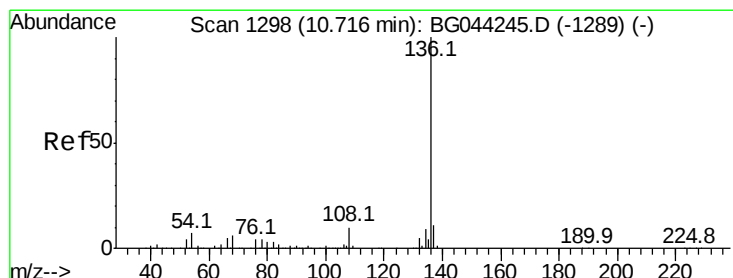
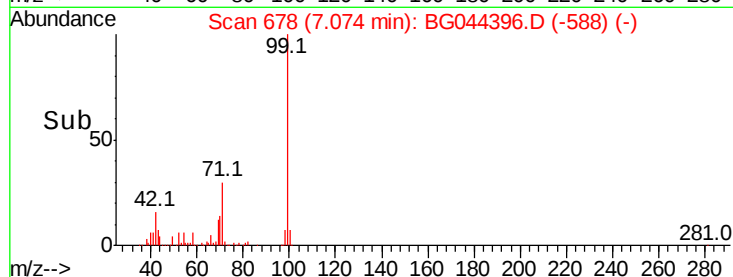
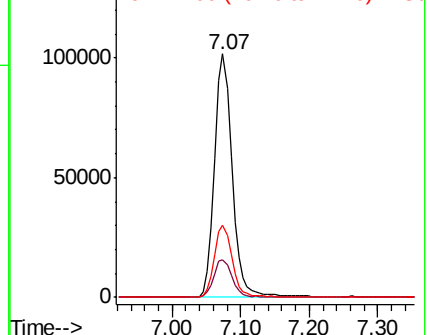
99 100

42 15.7 13.8 20.6

71 29.5 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: 10.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044396.D

Acq: 11 Feb 2020 19:53

Tgt Ion: 136 Resp: 335681

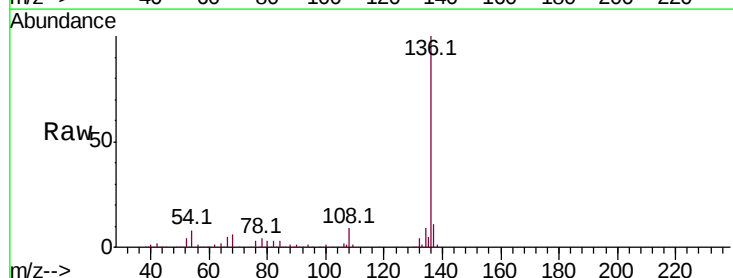
Ion Ratio Lower Upper

136 100

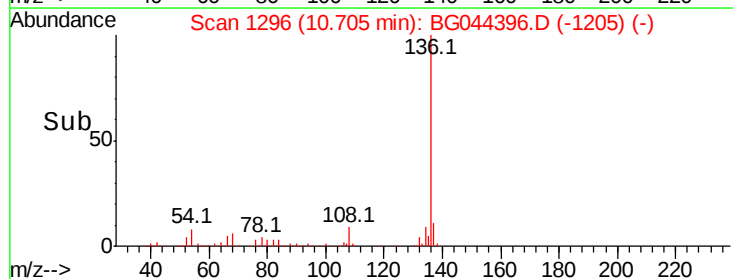
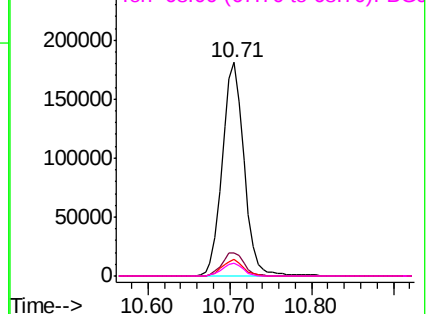
137 10.7 8.8 13.2

54 7.7 5.8 8.8

68 5.8 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

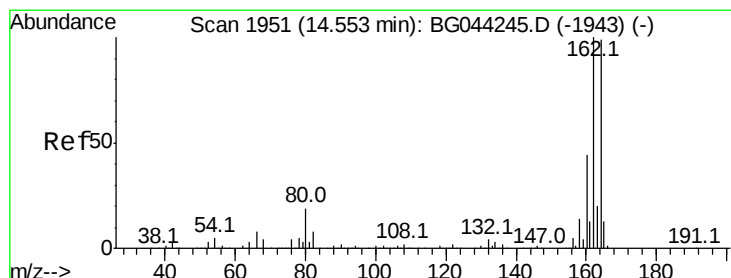
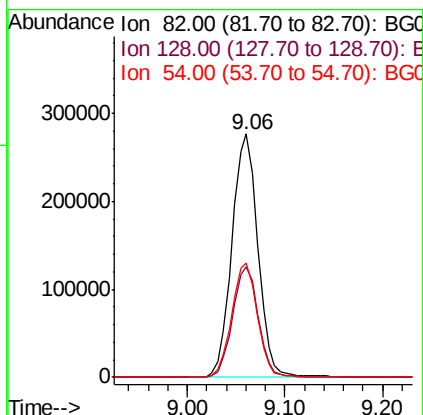
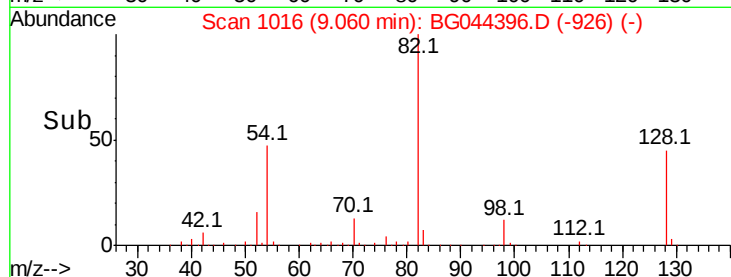
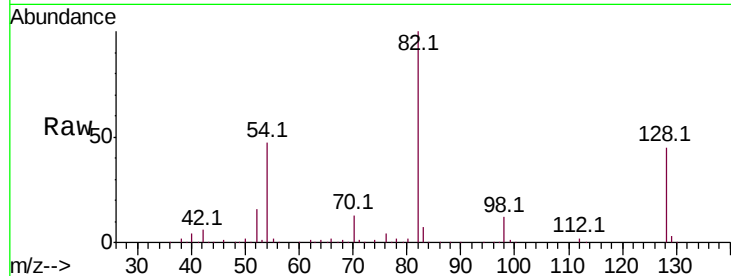




#23
Nitrobenzene-d5
Concen: 85.920 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044396.D
Acq: 11 Feb 2020 19:53

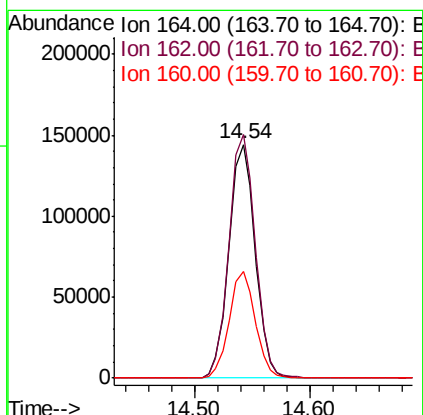
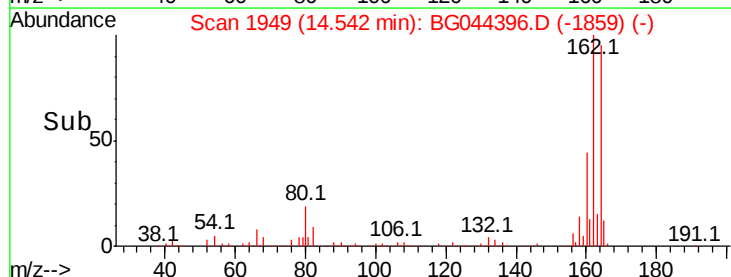
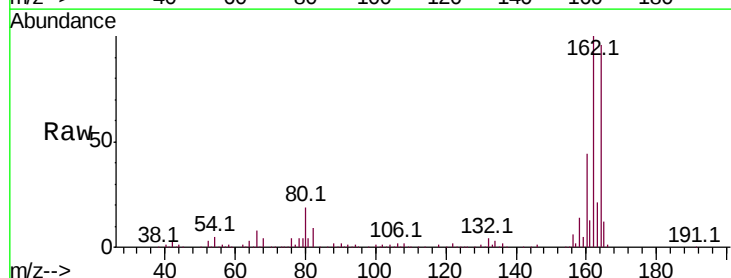
Instrument :
BNA_G
ClientSampleId :
FM-5213

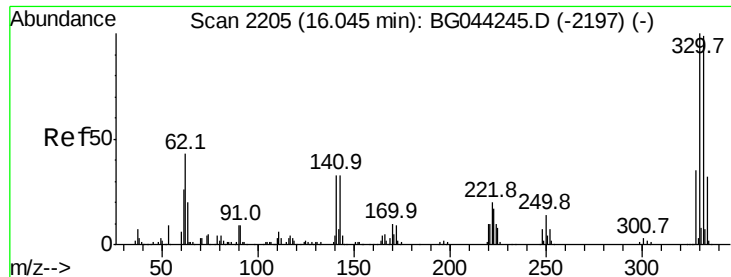
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.5	54.7
54	47.1	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044396.D
Acq: 11 Feb 2020 19:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.7	121.1
160	45.6	35.3	52.9

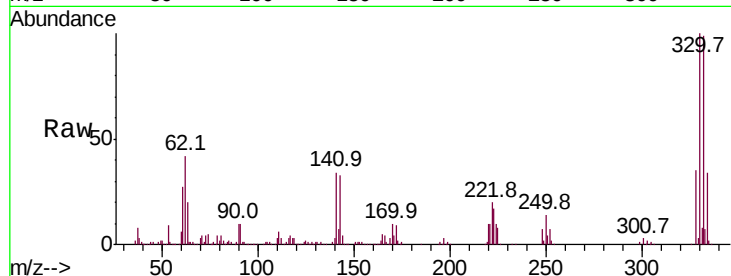




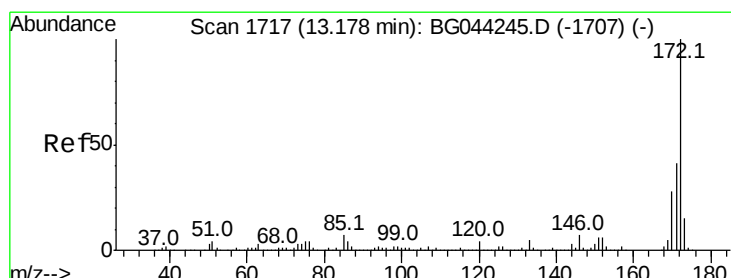
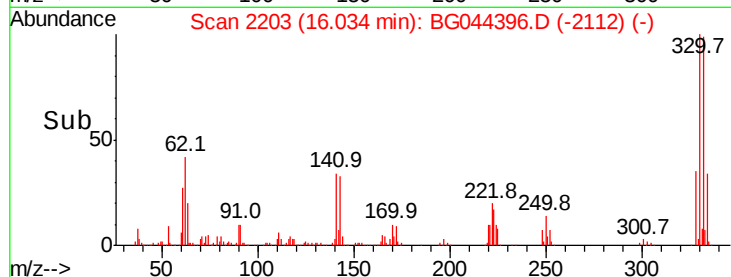
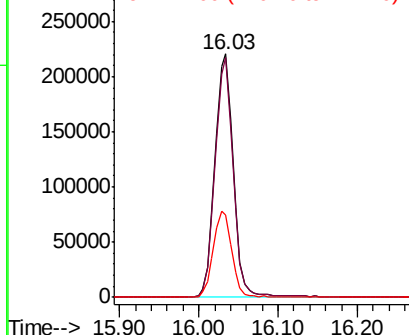
#42
 2,4,6-Tribromophenol
 Concen: 133.416 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG044396.D
 Acq: 11 Feb 2020 19:53

Instrument :
 BNA_G
 ClientSampleId :
 FM-5213

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	36.1	28.3	42.5

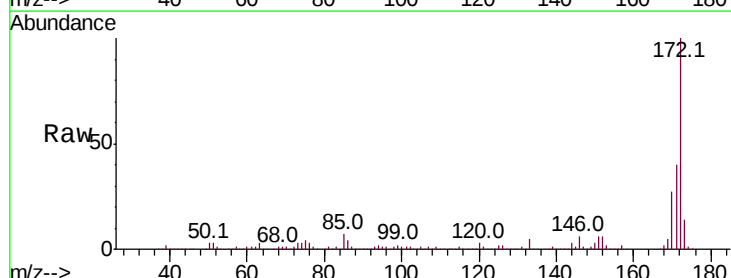


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

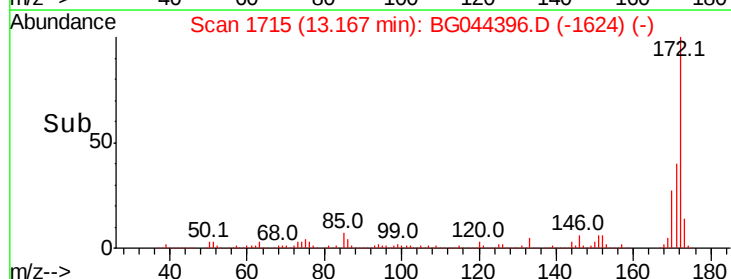
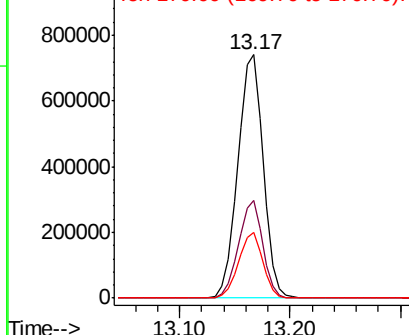


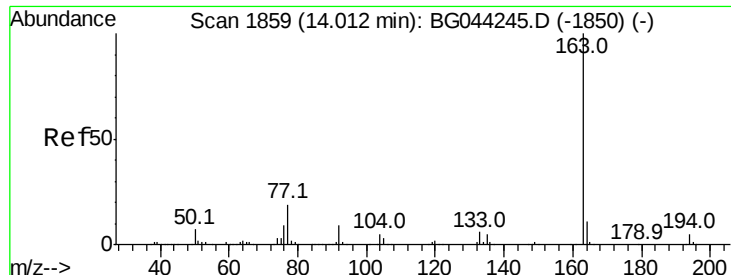
#45
 2-Fluorobiphenyl
 Concen: 88.032 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044396.D
 Acq: 11 Feb 2020 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	32.9	49.3
170	26.9	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: 5.564 ng

RT: 14.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BG044396.D

Acq: 11 Feb 2020 19:53

Instrument :

BNA_G

ClientSampleId :

FM-5213

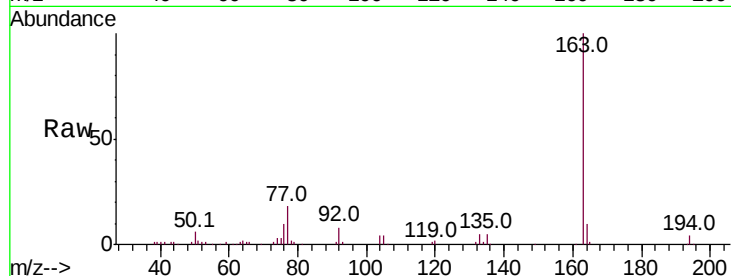
Tot Ion:163 Resp: 91324

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

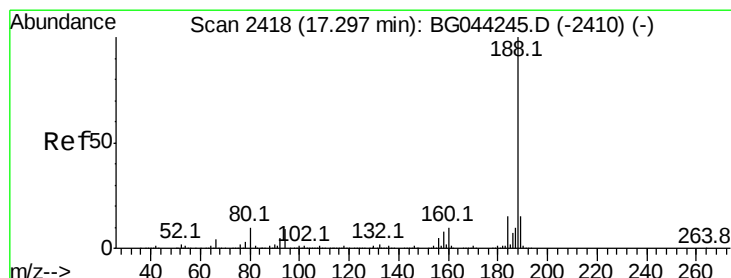
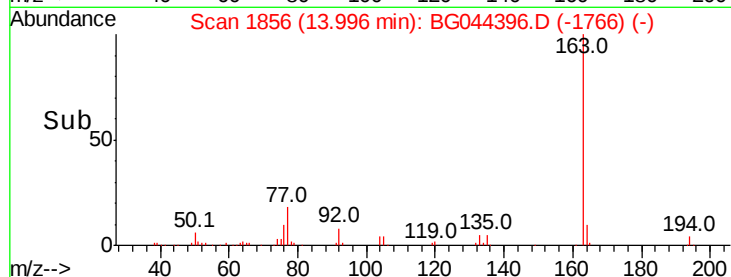
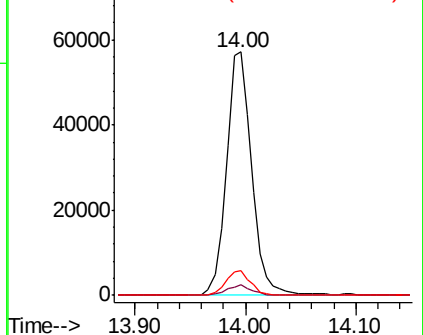
164 10.3 8.7 13.1



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: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044396.D

Acq: 11 Feb 2020 19:53

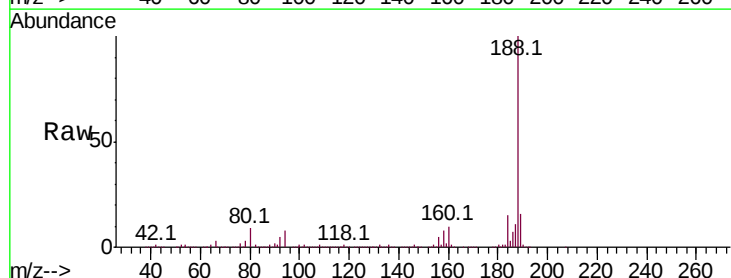
Tgt Ion:188 Resp: 517039

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

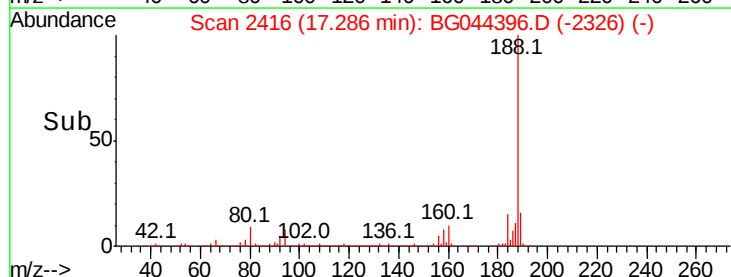
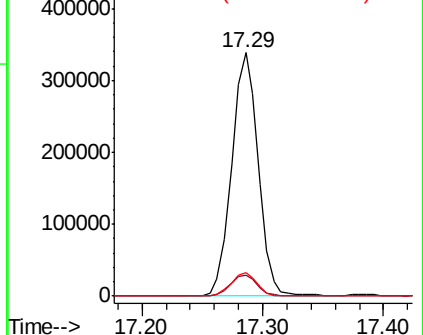
80 9.4 7.7 11.5

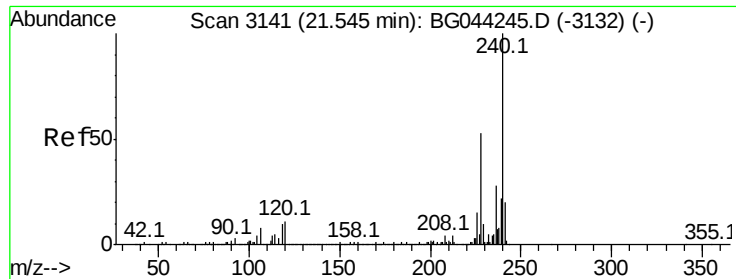


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG044396.D

Acq: 11 Feb 2020 19:53

Instrument :

BNA_G

ClientSampleId :

FM-5213

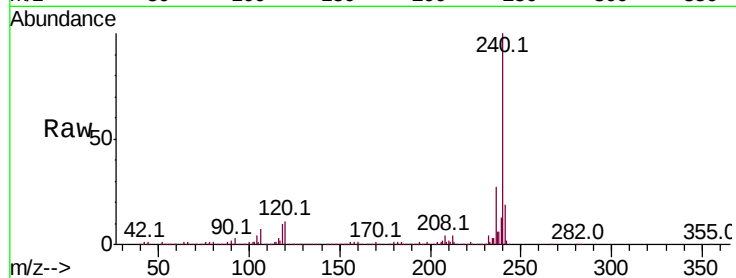
Tot Ion:240 Resp: 495750

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

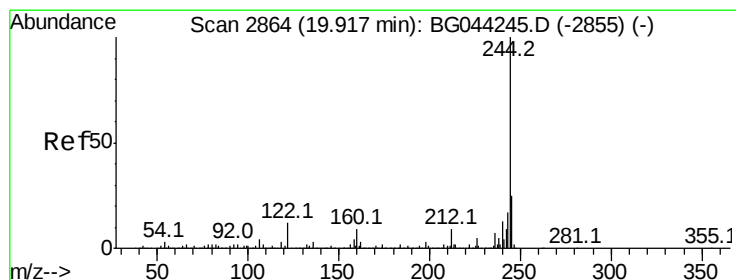
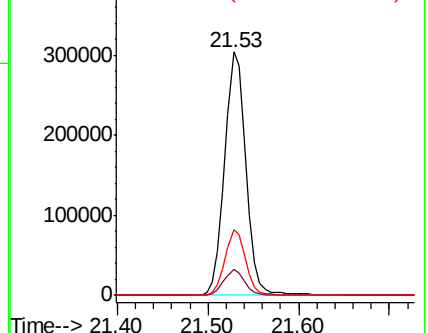
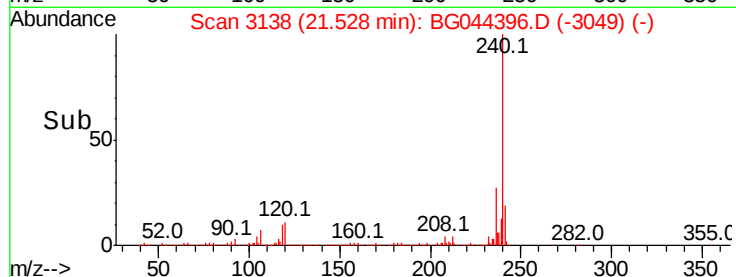
236 27.1 22.1 33.1



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: 71.158 ng

RT: 19.91 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044396.D

Acq: 11 Feb 2020 19:53

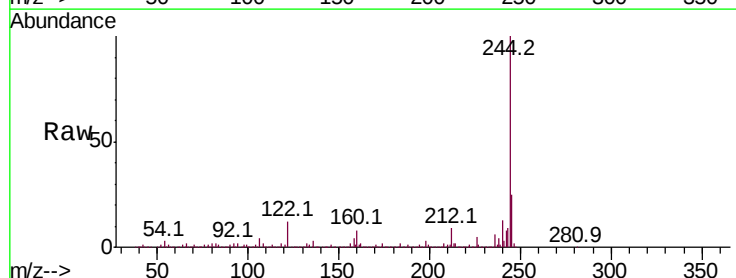
Tgt Ion:244 Resp: 1715065

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

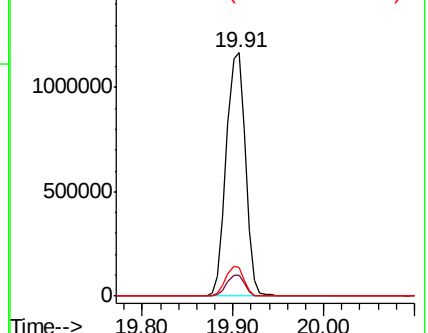
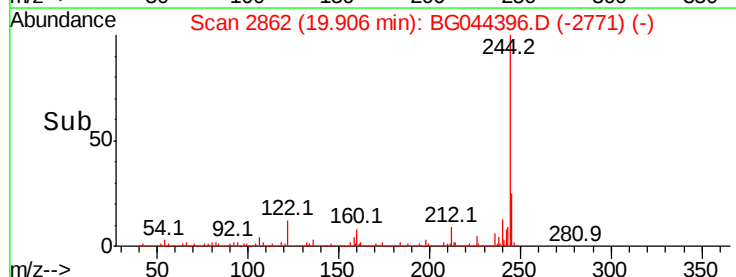
122 11.7 9.8 14.6

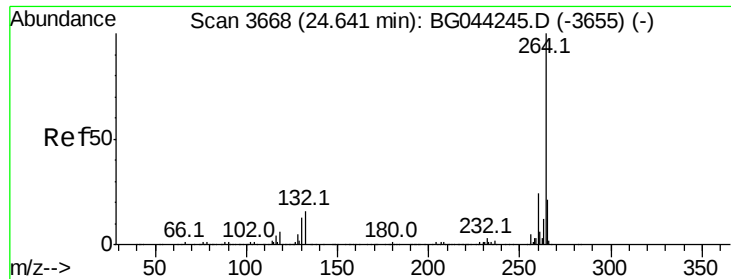


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

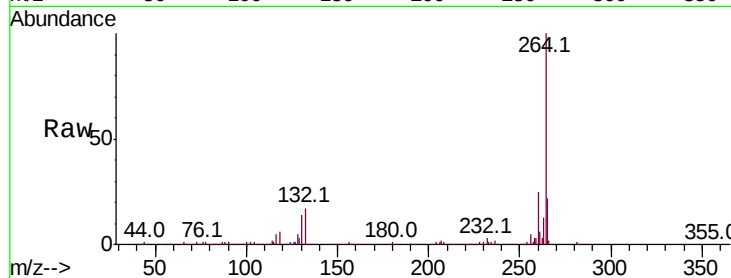




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.62 min Scan# 3664
 Delta R.T. -0.00 min
 Lab File: BG044396.D
 Acq: 11 Feb 2020 19:53

Instrument :
 BNA_G
 ClientSampleId :
 FM-5213

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	22.0	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 250000 Ion 260.00 (259.70 to 260.70): E
 200000 Ion 265.00 (264.70 to 265.70): E

