

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039087.D
 Acq On : 11 Jan 2019 14:14
 Operator : JU/SJ
 Sample : K1119-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 15:15:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

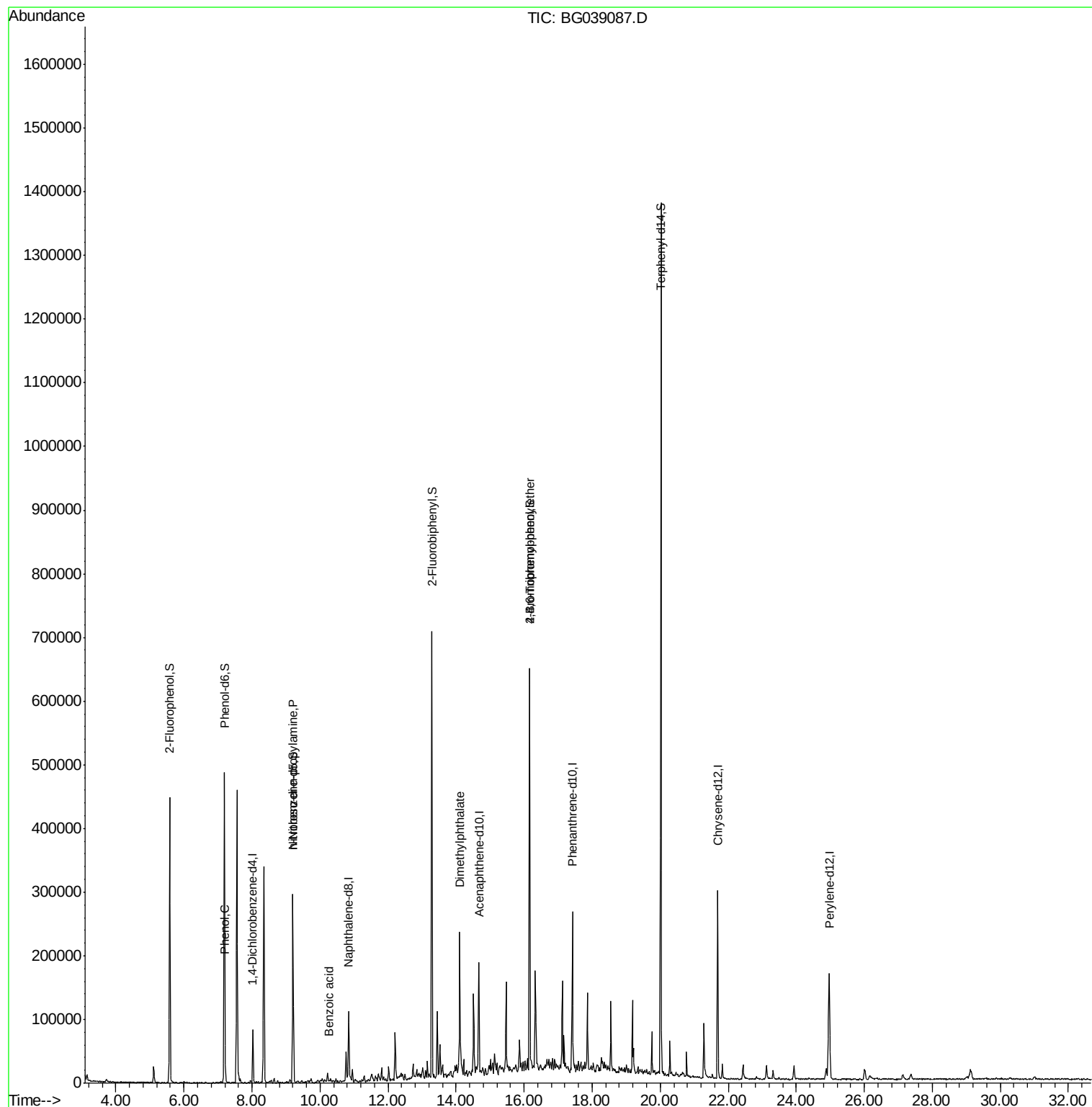
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25508	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	98908	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66446	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	161405	20.00	ng	0.00
76) Chrysene-d12	21.69	240	188917	20.00	ng	-0.01
87) Perylene-d12	24.96	264	207235	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	209678	155.93	ng	0.00
7) Phenol-d6	7.19	99	288817	149.25	ng	0.00
23) Nitrobenzene-d5	9.20	82	166604	92.17	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	142037	127.52	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	398927	82.17	ng	0.00
79) Terphenyl-d14	20.02	244	723372	70.83	ng	0.00
Target Compounds						
10) Phenol	7.21	94	5733	2.955	ng	# 56
19) n-Nitroso-di-n-propylamine	9.20	70	23636	18.600	ng	# 68
32) Benzoic acid	10.27	122	57	9.501	ng	# 1
50) Dimethylphthalate	14.11	163	135557	24.142	ng	100
67) 4-Bromophenyl-phenylether	16.16	248	9470	4.564	ng	# 1

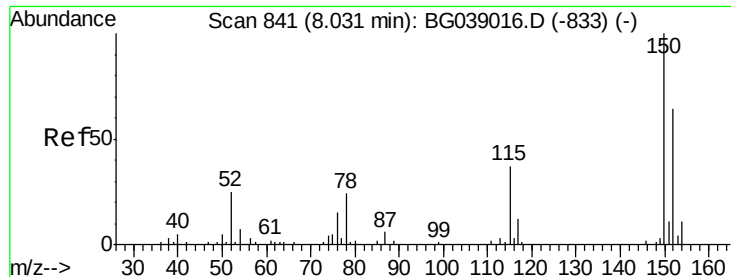
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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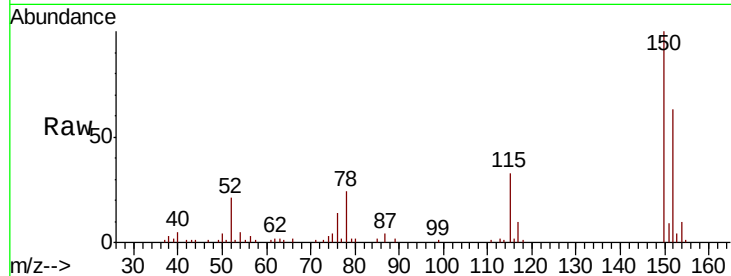


#1

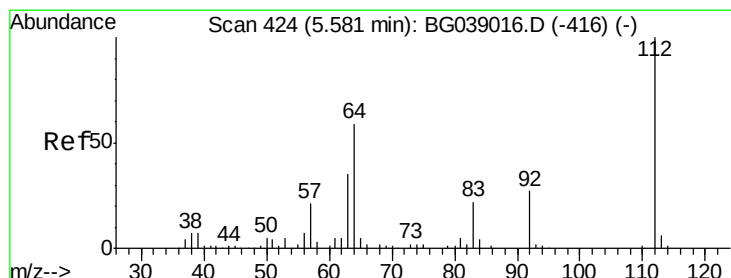
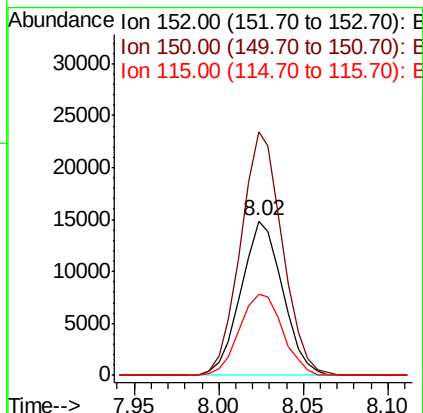
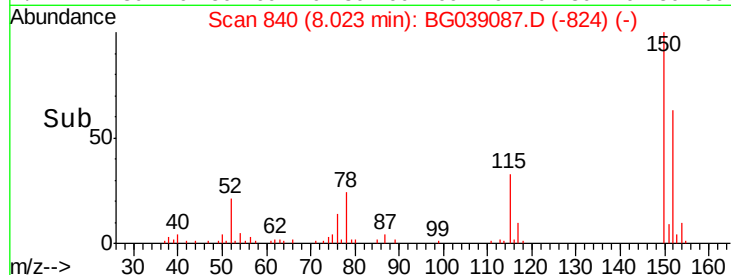
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 25508
Ion Ratio Lower Upper
152 100
150 158.0 124.7 187.1
115 52.5 46.5 69.7



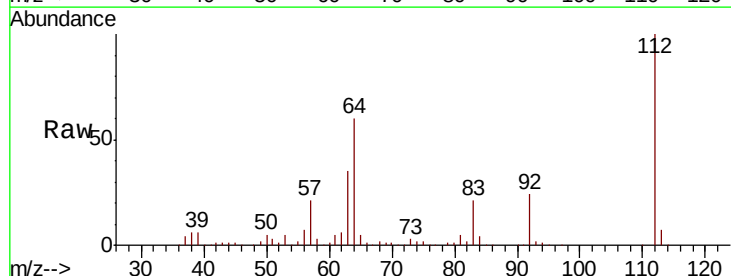
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



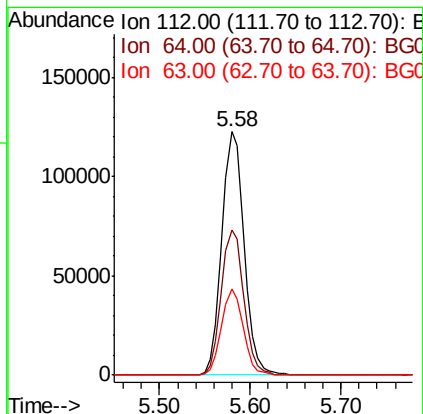
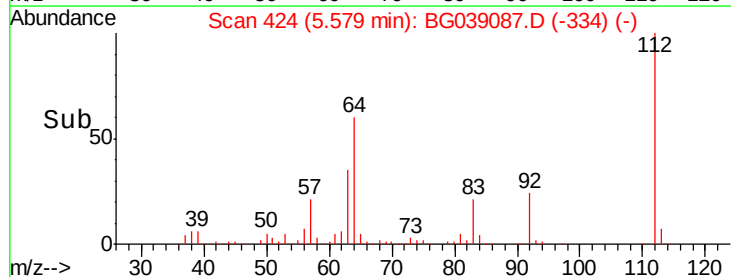
#5

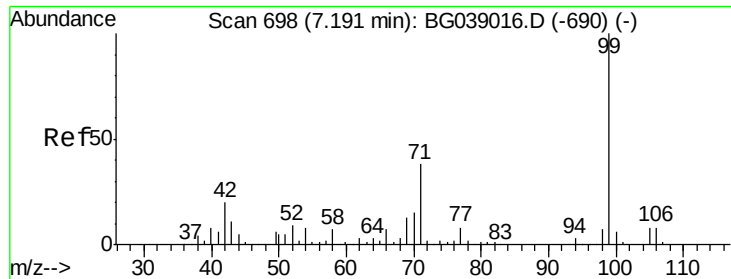
2-Fluorophenol
Concen: 155.934 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion:112 Resp: 209678
Ion Ratio Lower Upper
112 100
64 59.7 47.0 70.6
63 35.4 28.0 42.0



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





#7

Phenol-d6

Concen: 149.248 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

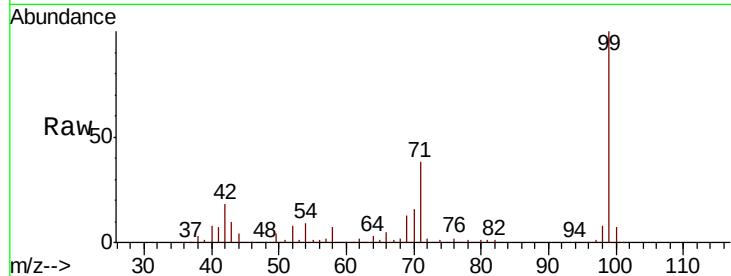
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 288817

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	38.3	30.2	45.4



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

7.19

150000

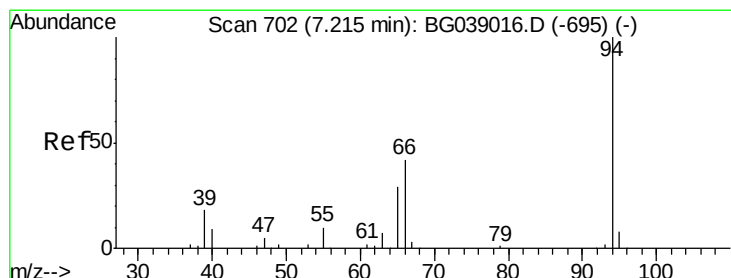
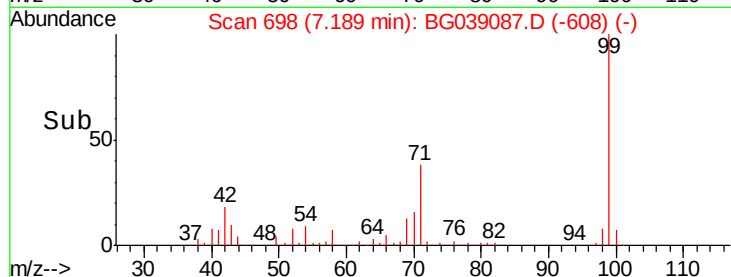
100000

50000

0

Time-->

7.10 7.20 7.30



#10

Phenol

Concen: 2.955 ng

RT: 7.21 min Scan# 702

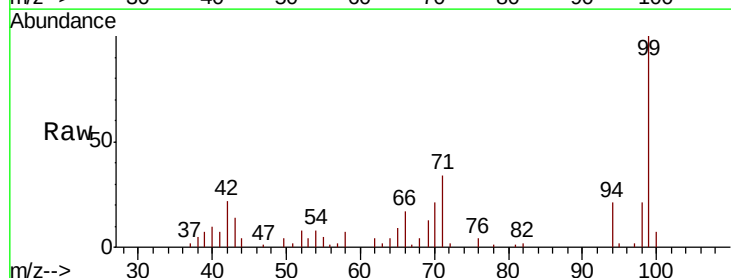
Delta R.T. -0.00 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

Tgt Ion: 94 Resp: 5733

Ion	Ratio	Lower	Upper
94	100		
65	43.6	10.3	50.3
66	82.2	25.1	65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.21

10000

8000

6000

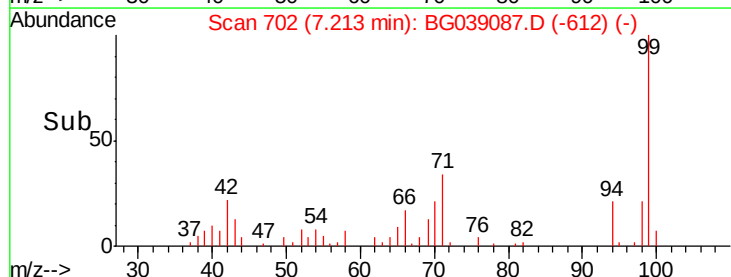
4000

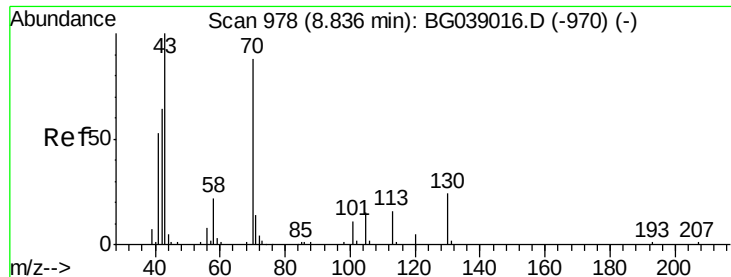
2000

0

Time-->

7.15 7.20 7.25

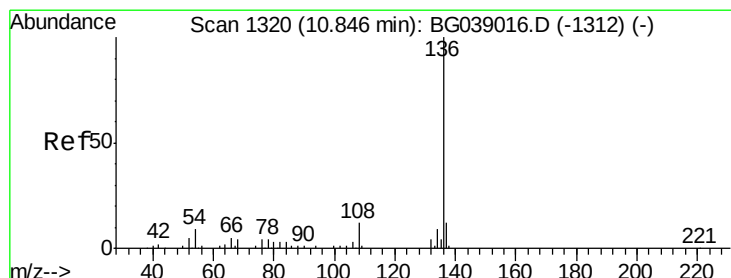
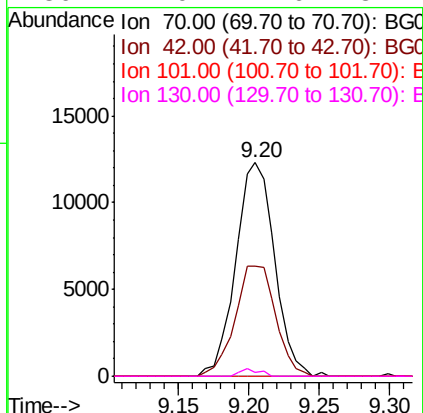
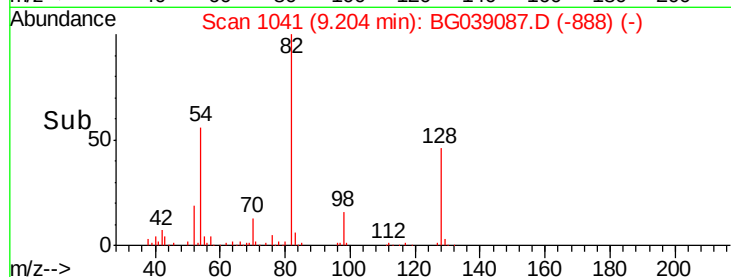
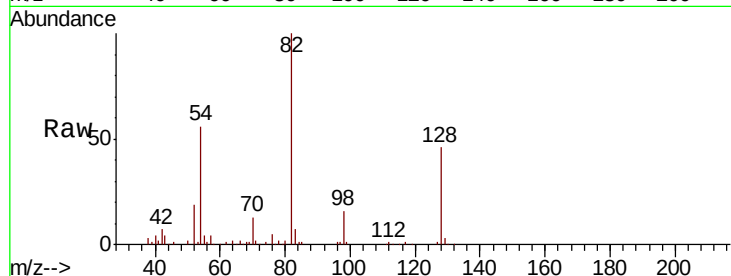




#19
n-Nitroso-di-n-propylamine
Concen: 18.600 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

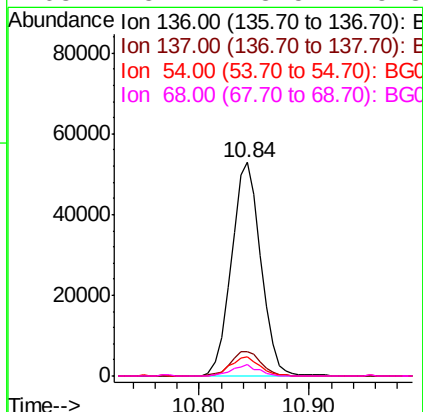
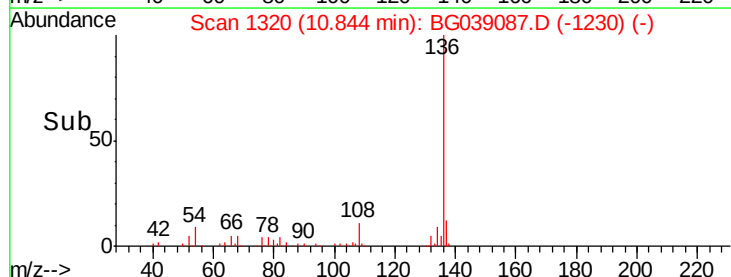
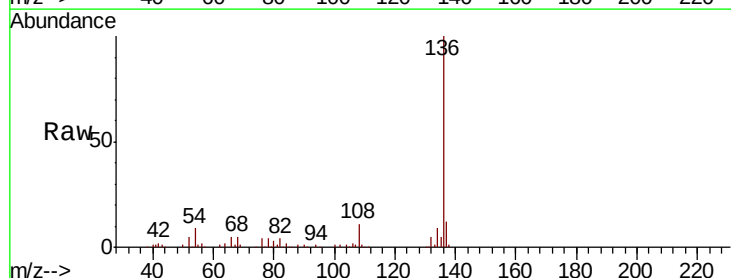
Instrument :
BNA_F
ClientSampleId :

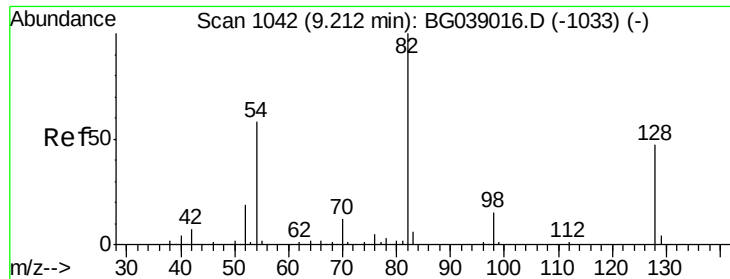
Tot Ion: 70 Resp: 23636
Ion Ratio Lower Upper
70 100
42 51.5 59.0 88.4#
101 0.0 10.4 15.6#
130 2.0 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion: 136 Resp: 98908
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 8.8 7.2 10.8
68 5.1 3.5 5.3





#23

Nitrobenzene-d5

Concen: 92.171 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

Instrument :

BNA_F

ClientSampled :

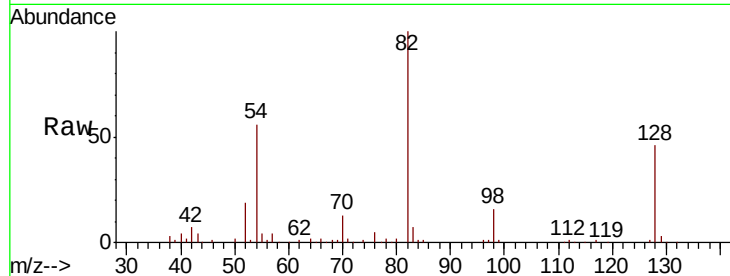
Tot Ion: 82 Resp: 166604

Ion Ratio Lower Upper

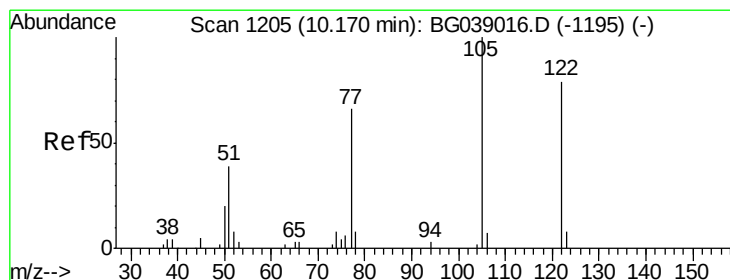
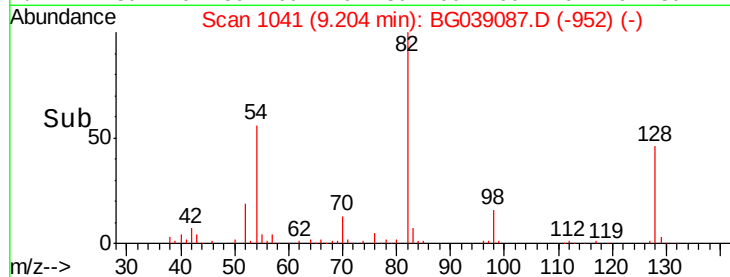
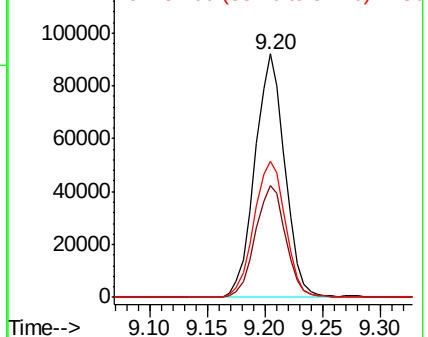
82 100

128 46.2 37.3 55.9

54 55.8 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 9.501 ng

RT: 10.27 min Scan# 1222

Delta R.T. 0.10 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

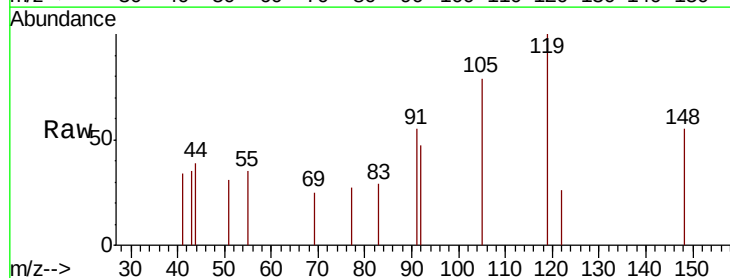
Tgt Ion: 122 Resp: 57

Ion Ratio Lower Upper

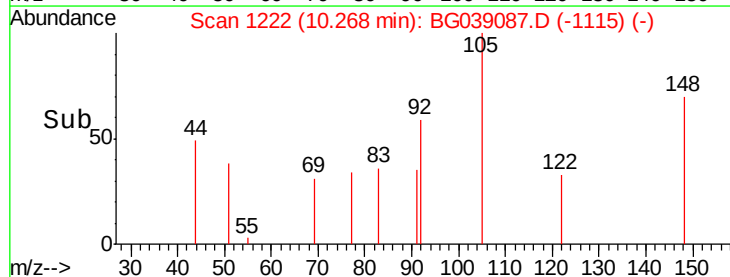
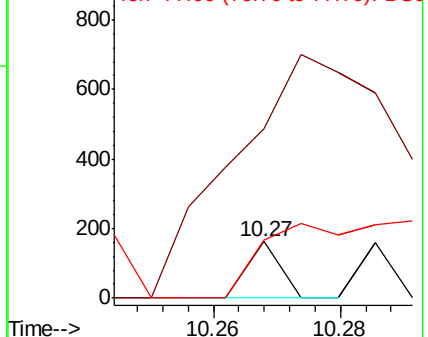
122 100

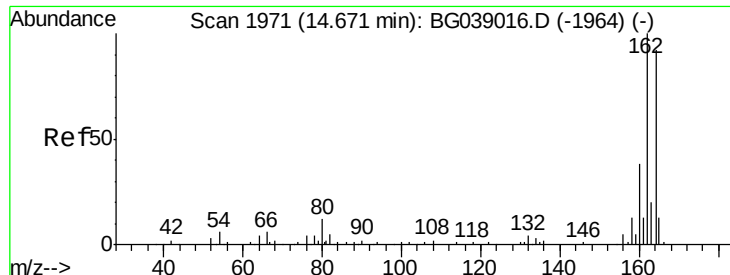
105 300.6 106.4 146.4#

77 103.7 63.6 103.6#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

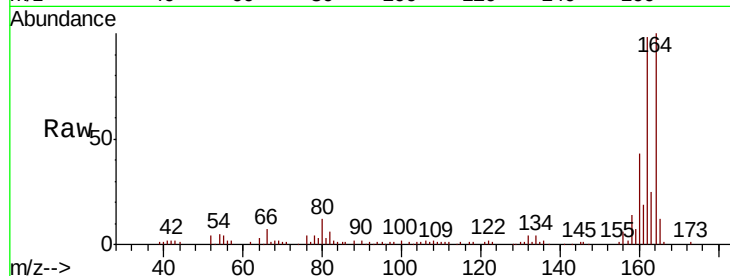




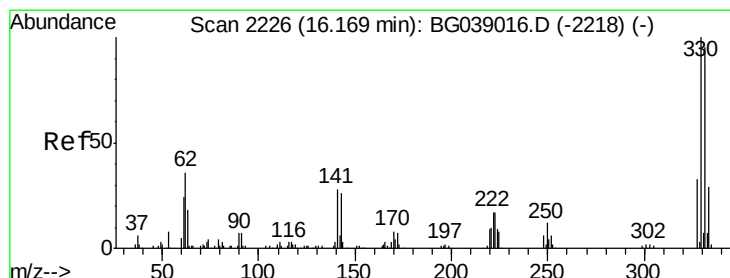
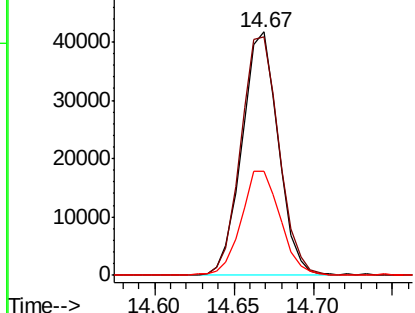
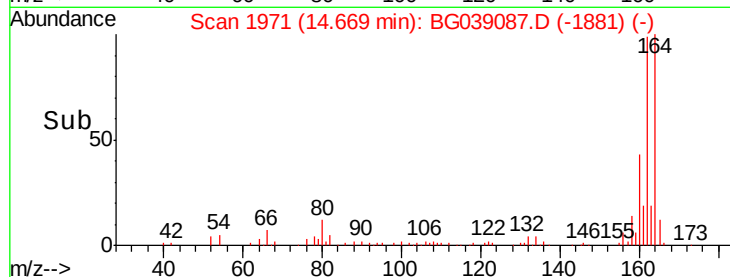
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 66446
Ion Ratio Lower Upper
164 100
162 97.9 87.2 130.8
160 42.9 33.3 49.9

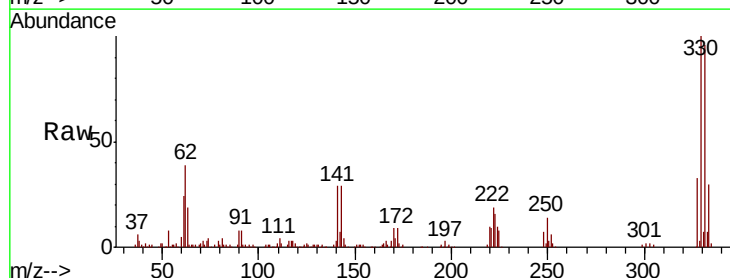


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

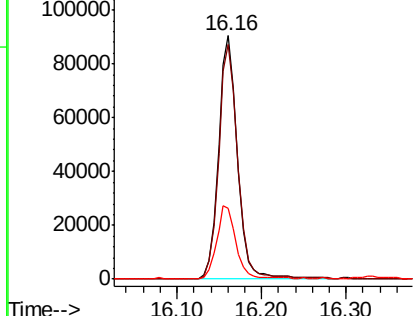
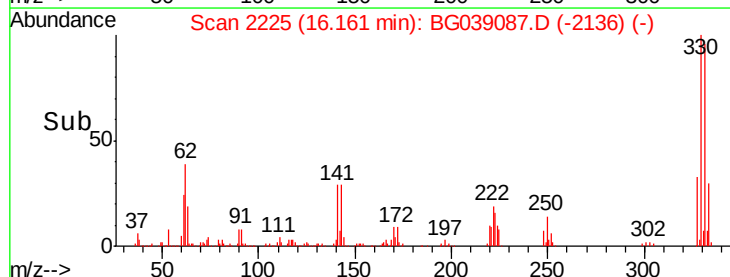


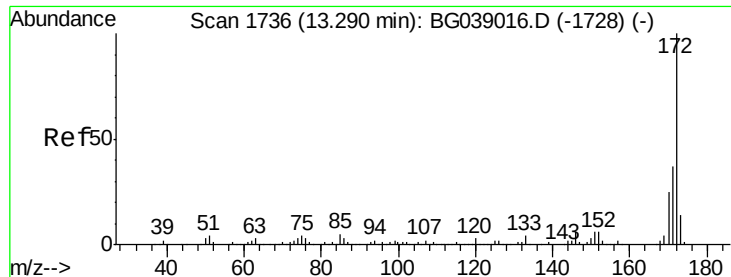
#42
2,4,6-Tribromophenol
Concen: 127.523 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion:330 Resp: 142037
Ion Ratio Lower Upper
330 100
332 97.2 75.7 113.5
141 31.4 24.9 37.3



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

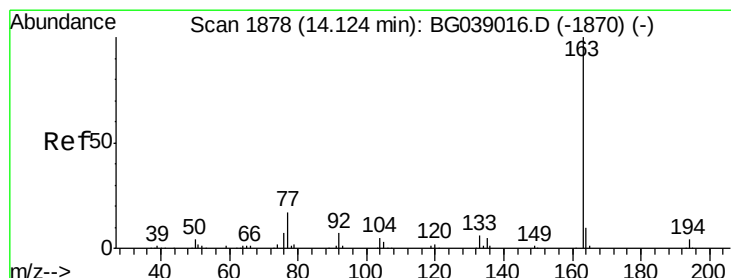
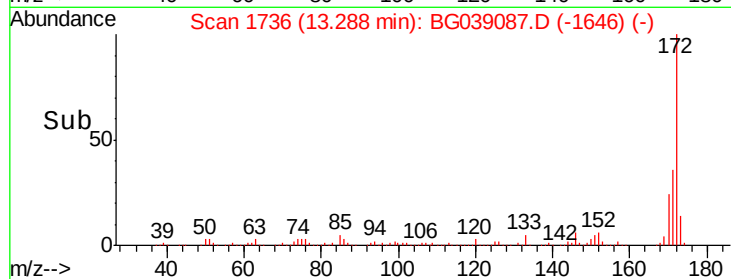
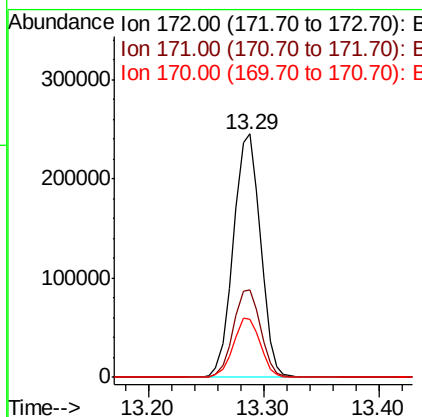
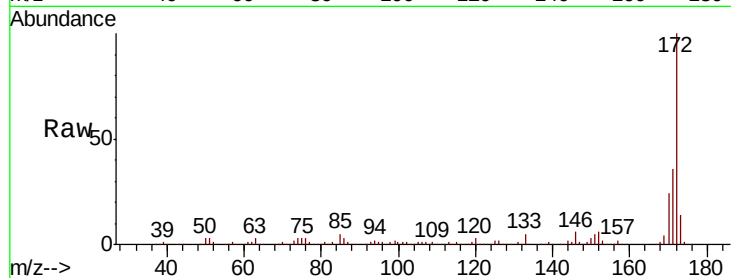




#45
2-Fluorobiphenyl
Concen: 82.166 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

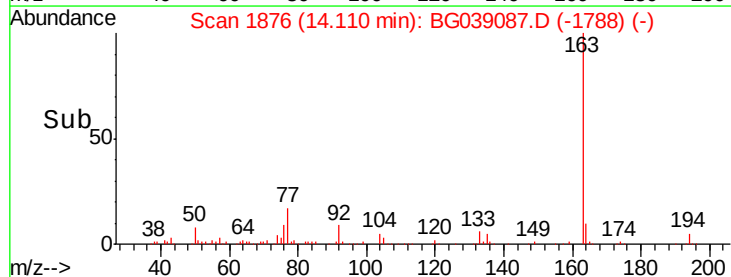
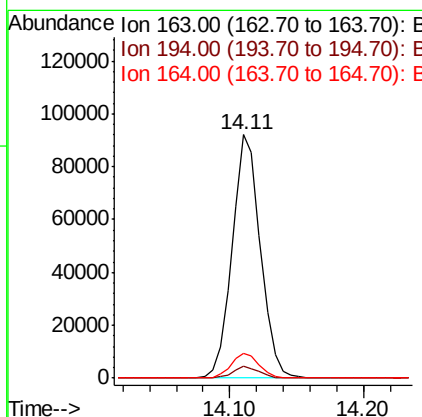
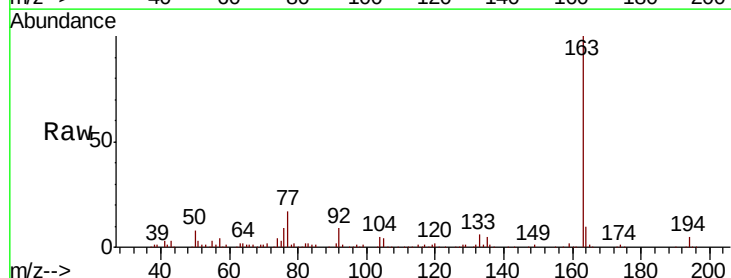
Instrument :
BNA_F
ClientSampleId :

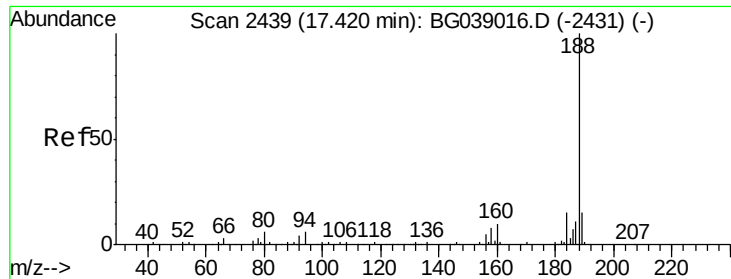
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.0	20.1	30.1



#50
Dimethylphthalate
Concen: 24.142 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.3	8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

Instrument :

BNA_F

ClientSampled :

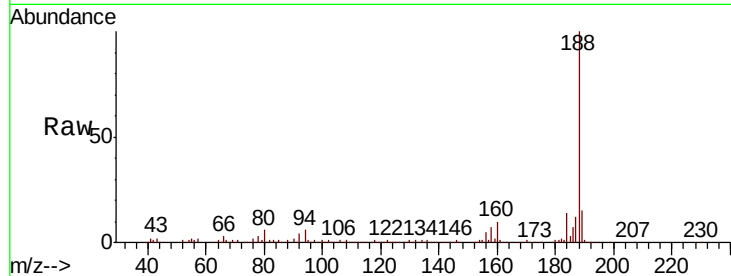
Tot Ion:188 Resp: 161405

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

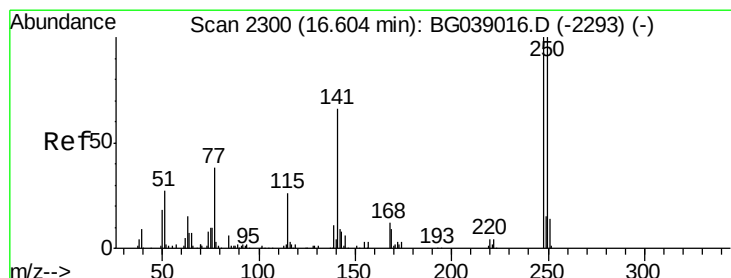
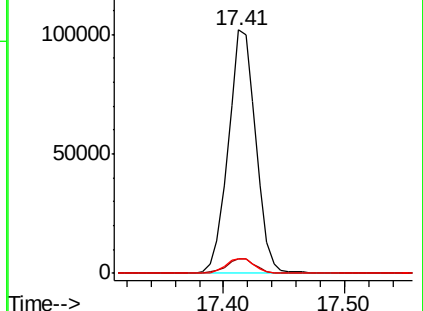
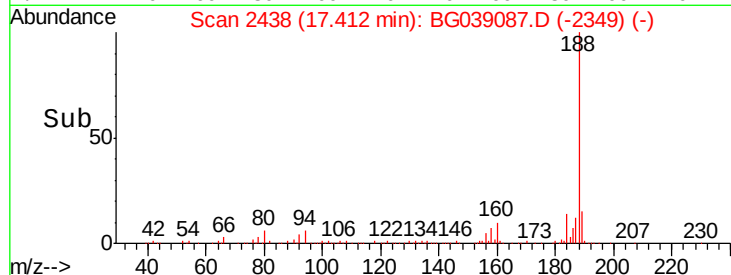
80 6.0 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#67

4-Bromophenyl-phenylether

Concen: 4.564 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.44 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

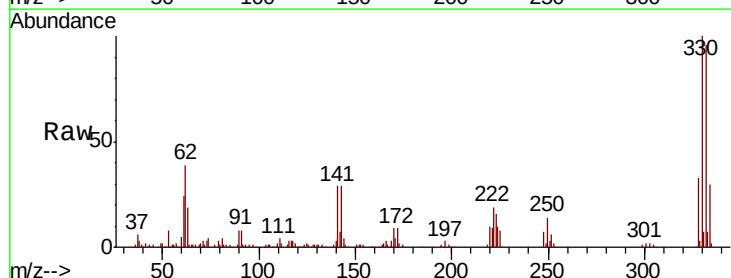
Tgt Ion:248 Resp: 9470

Ion Ratio Lower Upper

248 100

250 238.5 79.9 119.9#

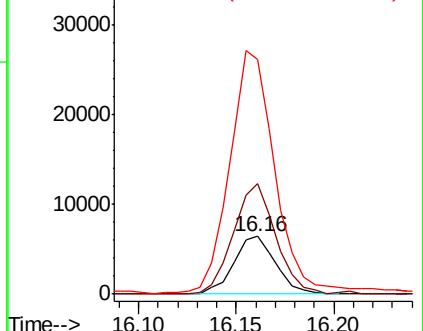
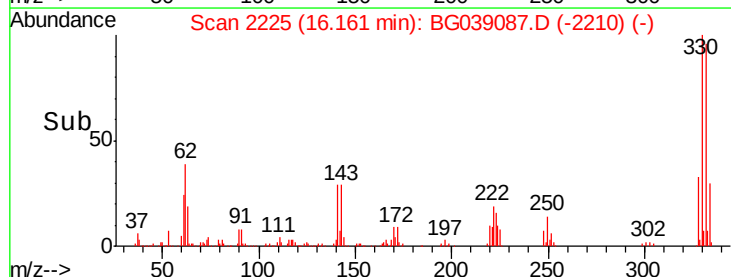
141 407.3 52.7 79.1#

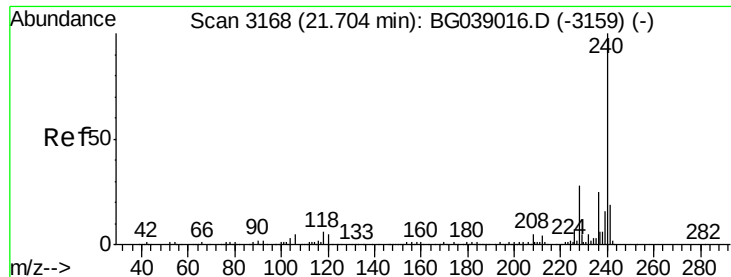


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

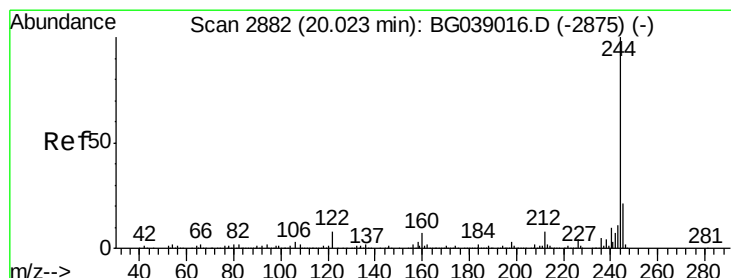
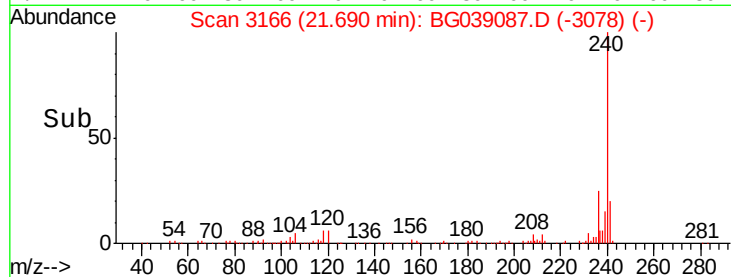
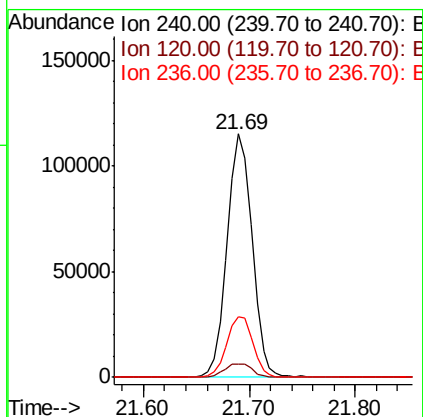
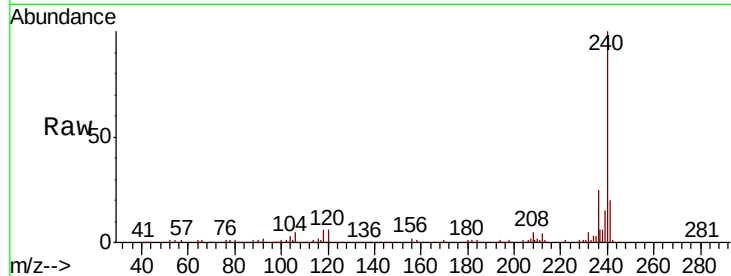




#76
Chrvsene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

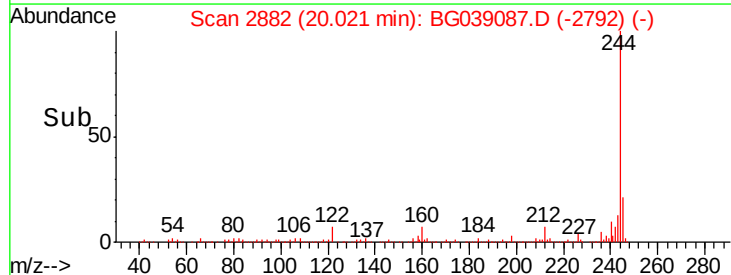
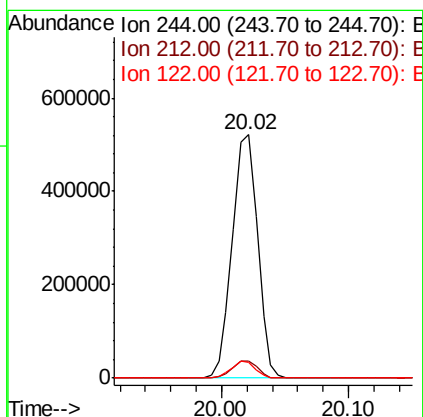
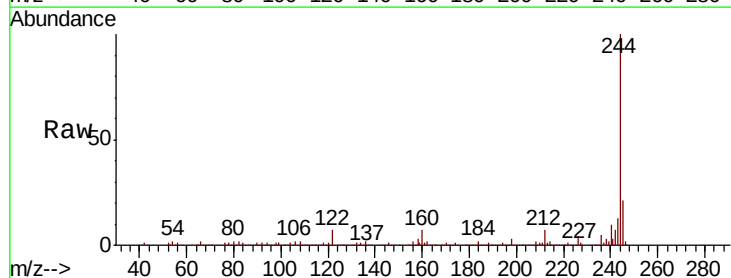
Instrument :
BNA_F
ClientSampleId :

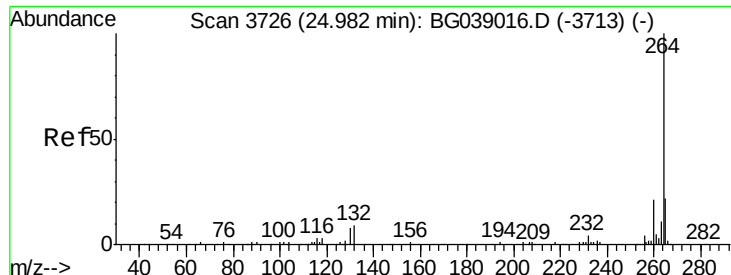
Tot Ion:240 Resp: 188917
Ion Ratio Lower Upper
240 100
120 5.6 4.3 6.5
236 25.1 20.1 30.1



#79
Terphenyl-d14
Concen: 70.833 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion:244 Resp: 723372
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.5 6.1 9.1

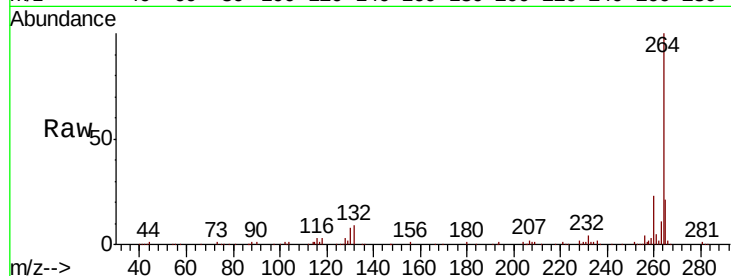




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.96 min Scan# 3723
 Delta R.T. -0.02 min
 Lab File: BG039087.D
 Acq: 11 Jan 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	207235
Ion Ratio	Lower	Upper	
264	100		
260	23.0	17.0	25.6
265	20.6	17.2	25.8



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

