

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042730.D
 Acq On : 5 Sep 2019 21:19
 Operator : HP/JU
 Sample : K4409-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 06:46:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

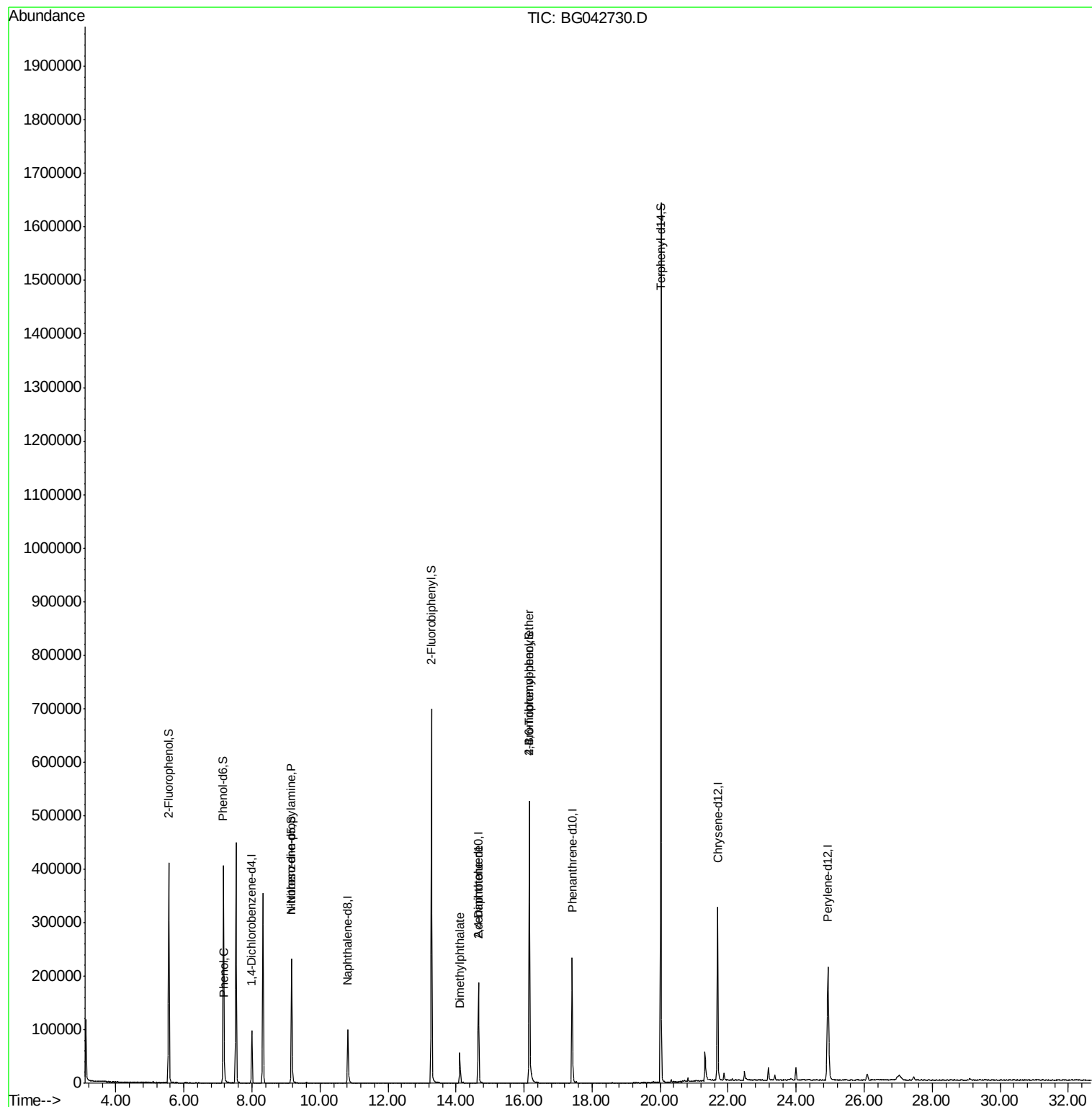
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	32254	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	117757	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	84024	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	195948	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	237845	20.00	ng	0.00
87) Perylene-d12	24.93	264	278205	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	214001	134.38	ng	0.00
7) Phenol-d6	7.16	99	272430	126.64	ng	-0.01
23) Nitrobenzene-d5	9.16	82	155045	90.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	164552	137.79	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	460033	92.60	ng	0.00
79) Terphenyl-d14	20.02	244	878895	79.89	ng	0.00
Target Compounds						
10) Phenol	7.19	94	5850	2.675	ng	# 70
19) n-Nitroso-di-n-propylamine	9.16	70	20163	14.468	ng	# 78
50) Dimethylphthalate	14.11	163	62541	10.316	ng	98
57) 2,4-Dinitrotoluene	14.66	165	10648	5.291	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	10511	4.229	ng	# 1

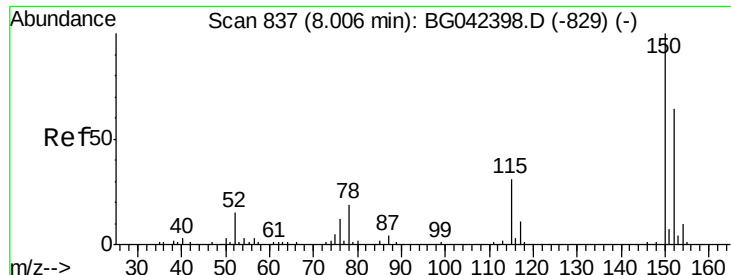
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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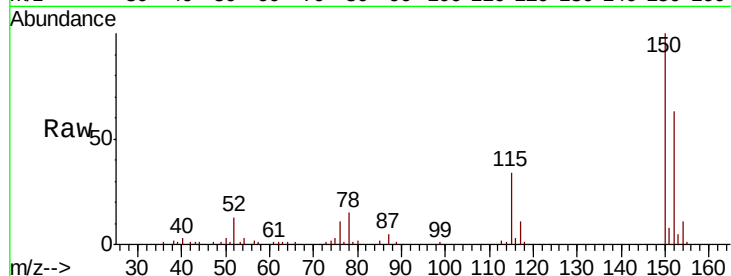


#1

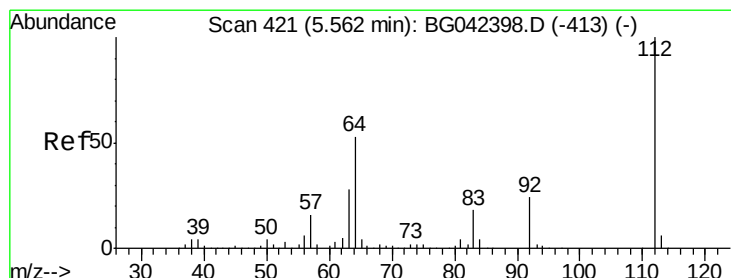
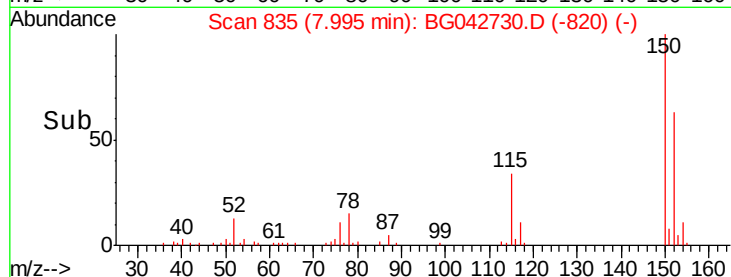
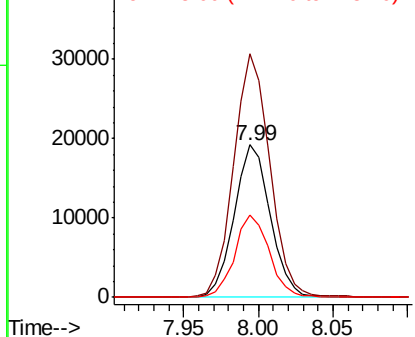
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32254
Ion Ratio Lower Upper
152 100
150 159.6 125.4 188.0
115 53.6 38.5 57.7



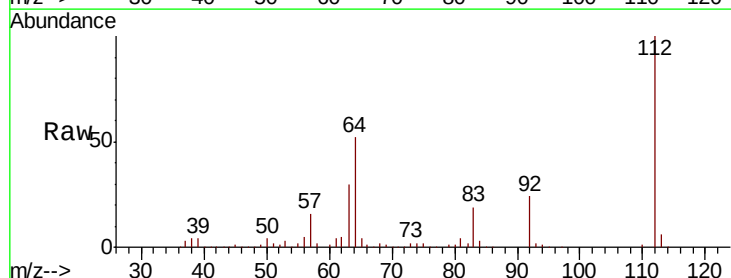
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



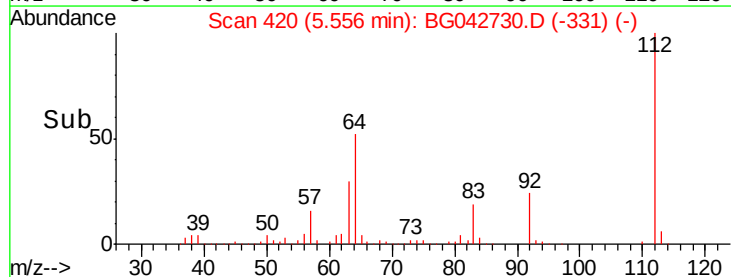
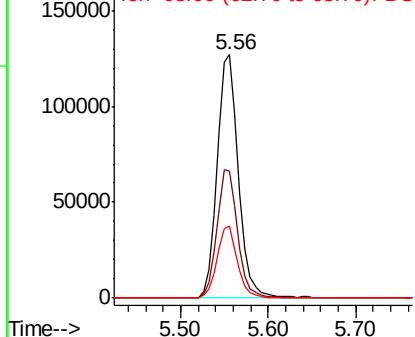
#5

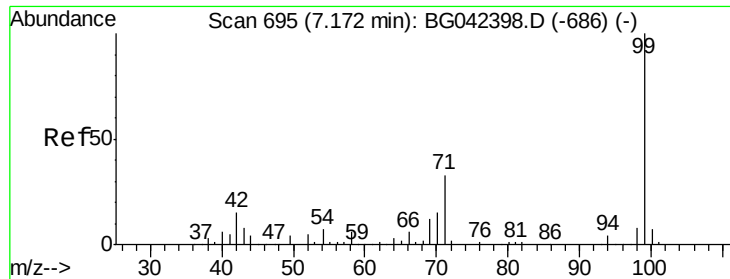
2-Fluorophenol
Concen: 134.375 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion:112 Resp: 214001
Ion Ratio Lower Upper
112 100
64 52.0 42.8 64.2
63 29.5 22.7 34.1



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: 126.642 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

Instrument :

BNA_G

ClientSampleId :

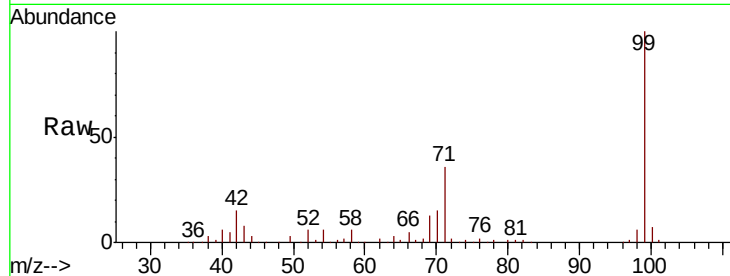
Tot Ion: 99 Resp: 272430

Ion Ratio Lower Upper

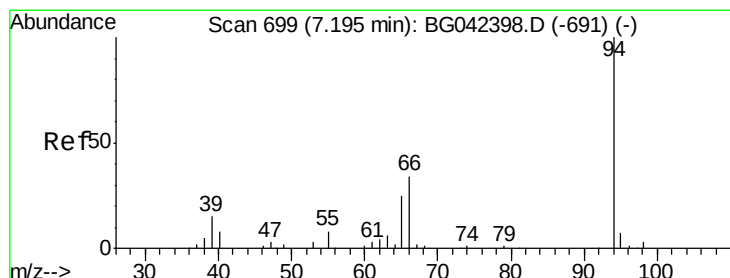
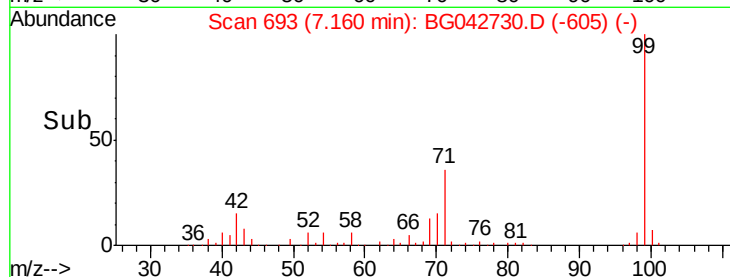
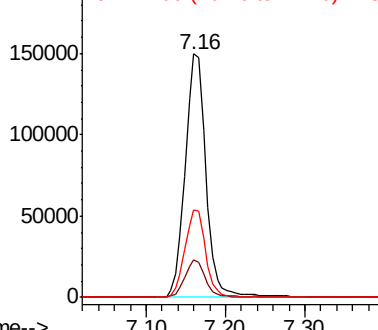
99 100

42 15.3 12.0 18.0

71 36.0 26.3 39.5



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



#10

Phenol

Concen: 2.675 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

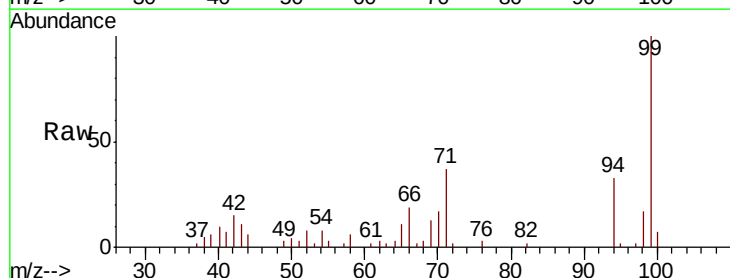
Tgt Ion: 94 Resp: 5850

Ion Ratio Lower Upper

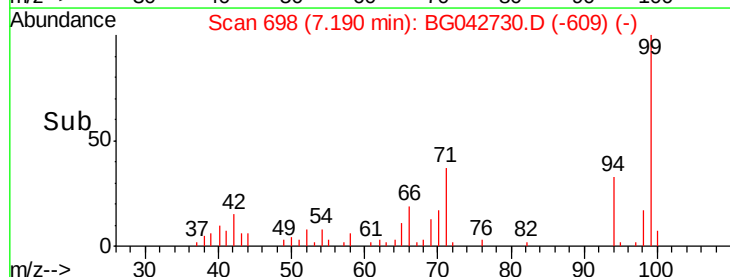
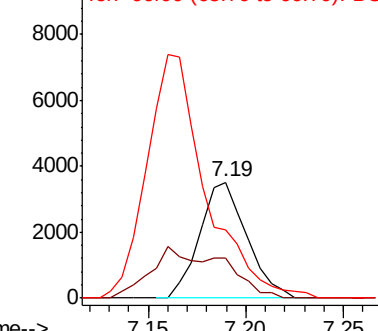
94 100

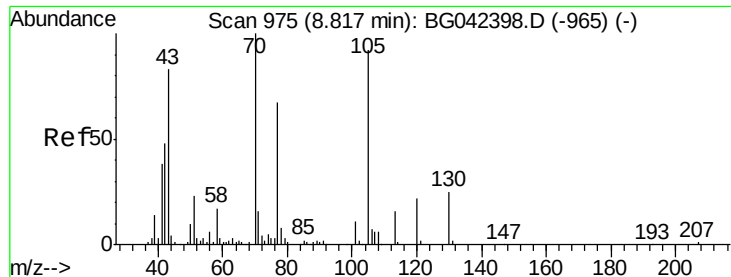
65 34.7 5.6 45.6

66 58.5 16.0 56.0#



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

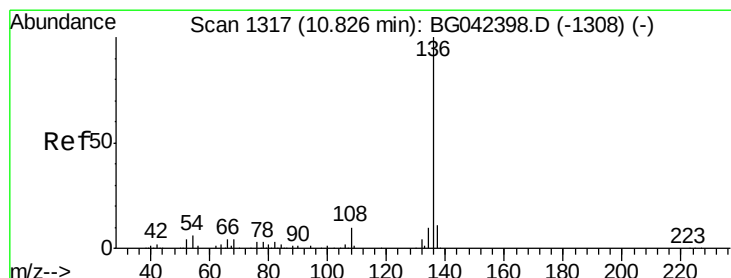
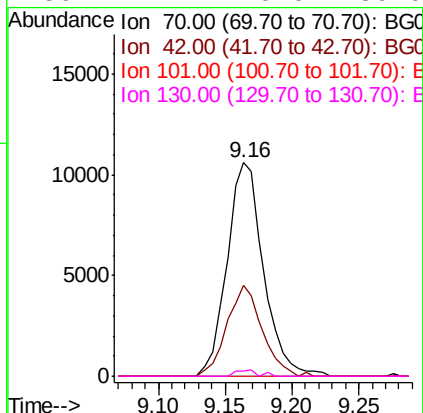
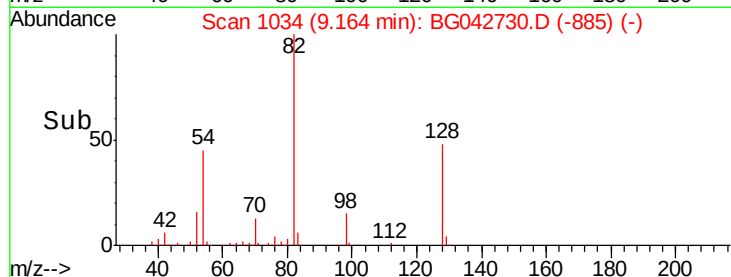
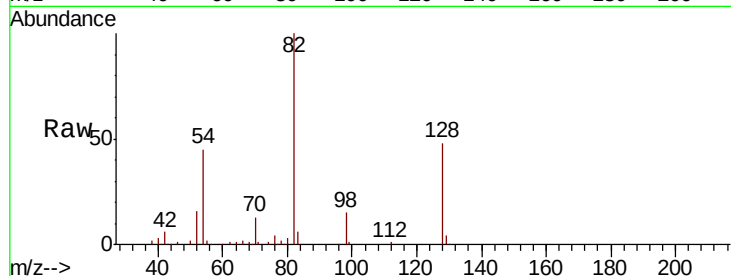




#19
n-Nitroso-di-n-propylamine
Concen: 14.468 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

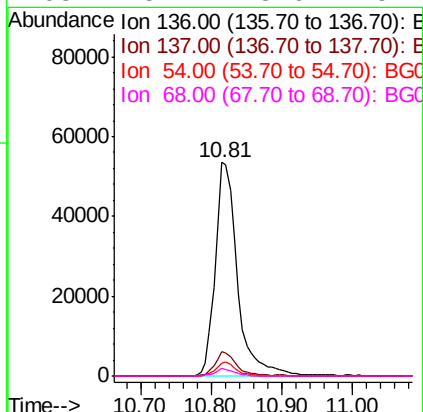
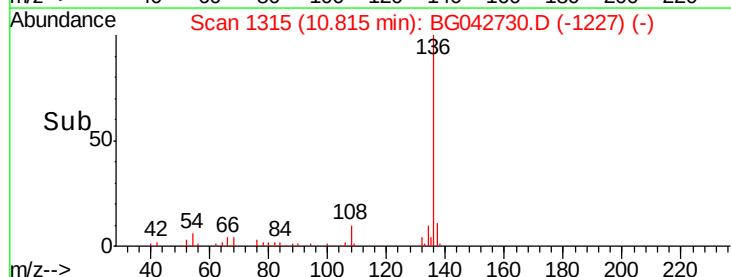
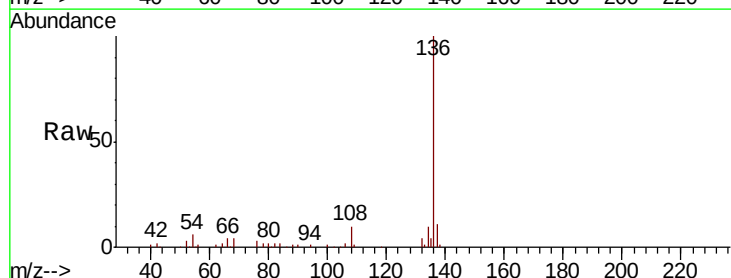
Instrument :
BNA_G
ClientSampleId :

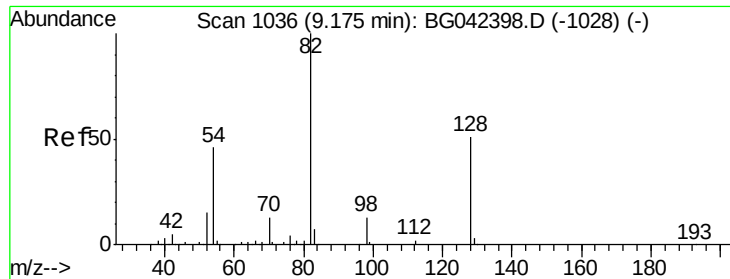
Tot Ion: 70 Resp: 20163
Ion Ratio Lower Upper
70 100
42 42.4 38.8 58.2
101 0.0 9.0 13.6#
130 2.4 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion: 136 Resp: 117757
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 6.0 4.9 7.3
68 3.7 3.6 5.4

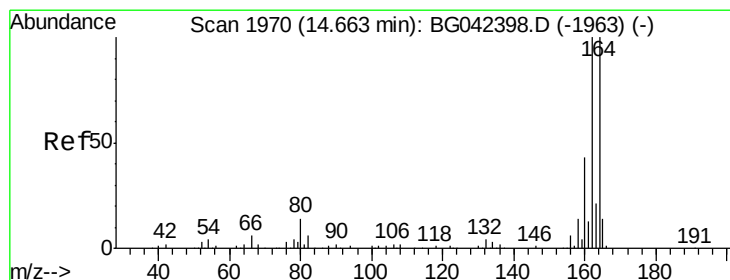
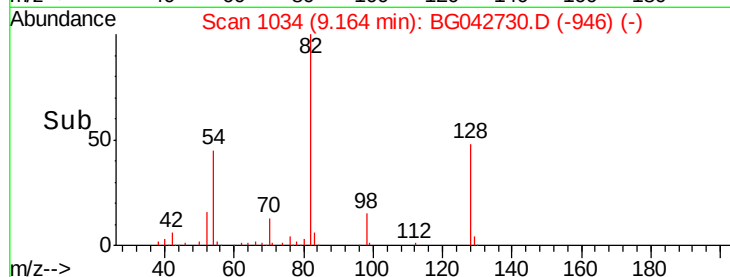
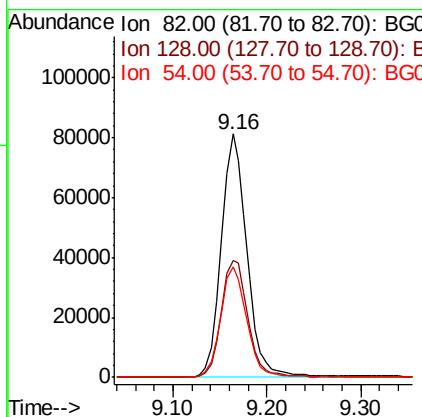
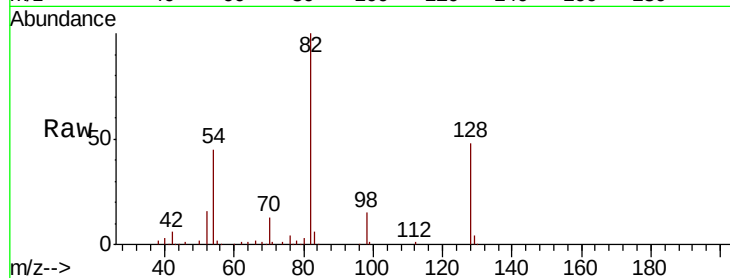




#23
Nitrobenzene-d5
Concen: 90.986 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

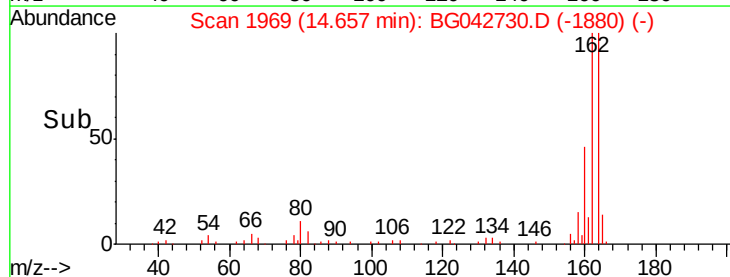
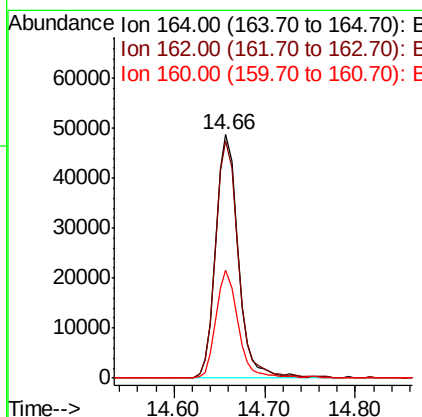
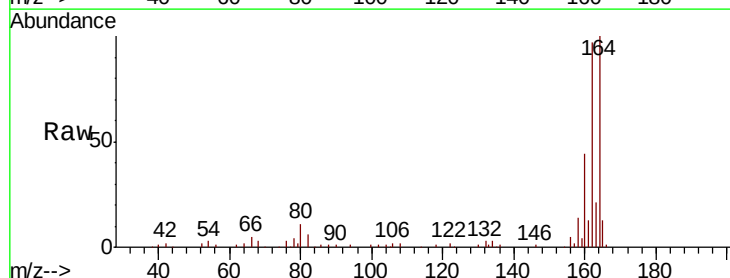
Instrument :
BNA_G
ClientSampled :

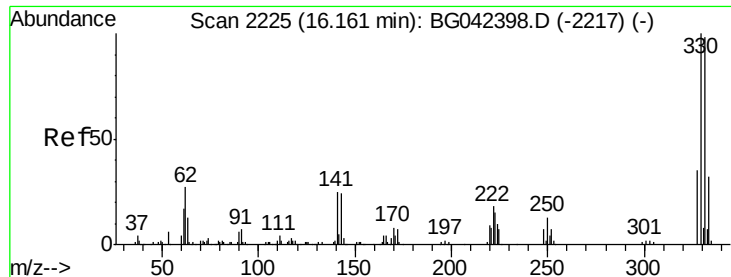
Tot Ion	82	Resp	155045
Ion Ratio	Lower	Upper	
82	100		
128	48.1	40.7	61.1
54	45.5	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion	164	Resp	84024
Ion Ratio	Lower	Upper	
164	100		
162	97.5	79.9	119.9
160	44.4	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 137.785 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

Instrument :

BNA_G

ClientSampled :

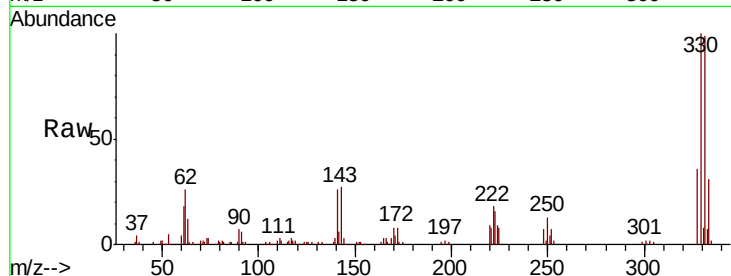
Tot Ion:330 Resp: 164552

Ion Ratio Lower Upper

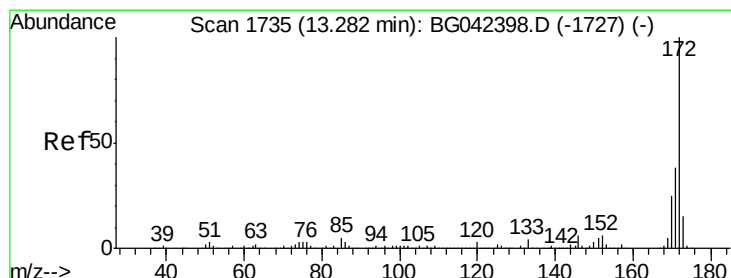
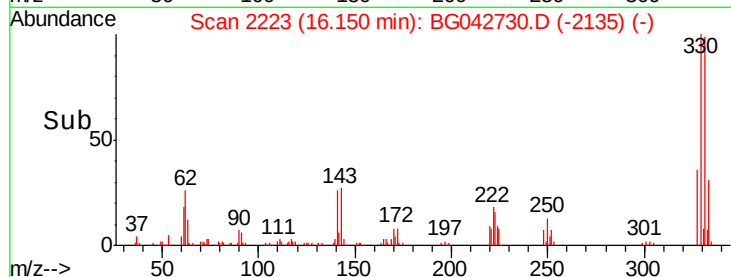
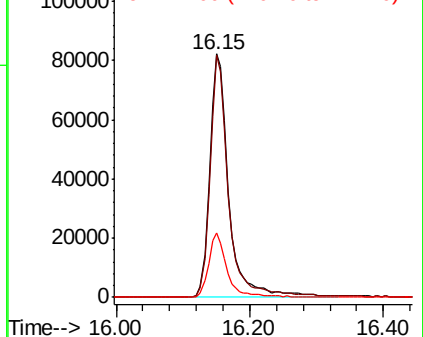
330 100

332 94.9 77.4 116.0

141 25.7 21.4 32.0



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: 92.598 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

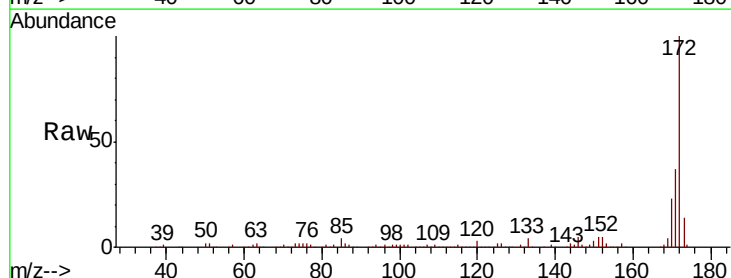
Tgt Ion:172 Resp: 460033

Ion Ratio Lower Upper

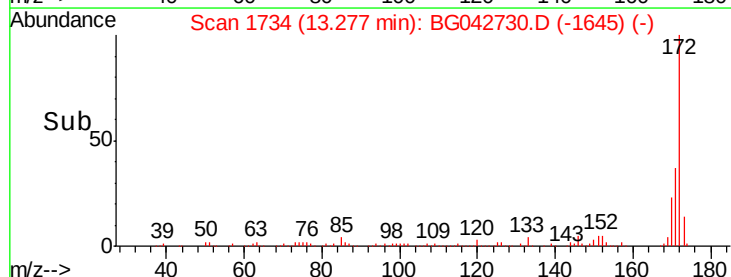
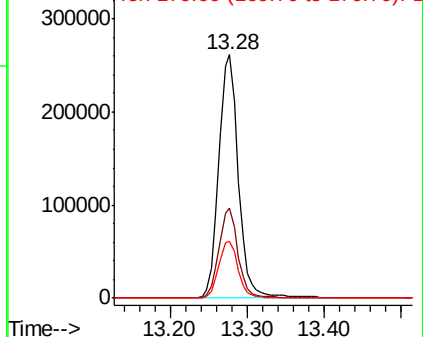
172 100

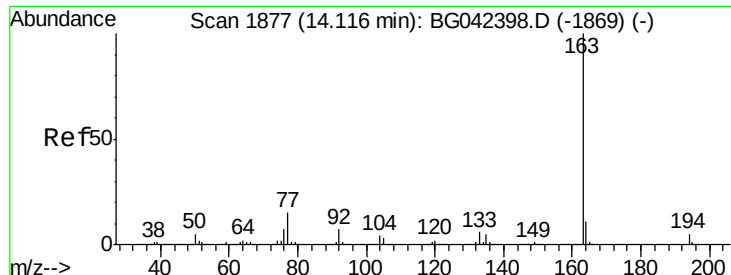
171 37.0 30.5 45.7

170 23.5 20.2 30.2



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

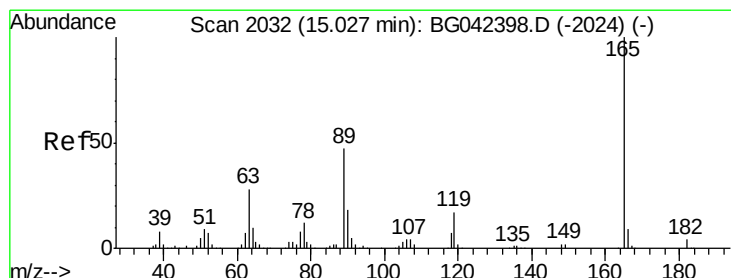
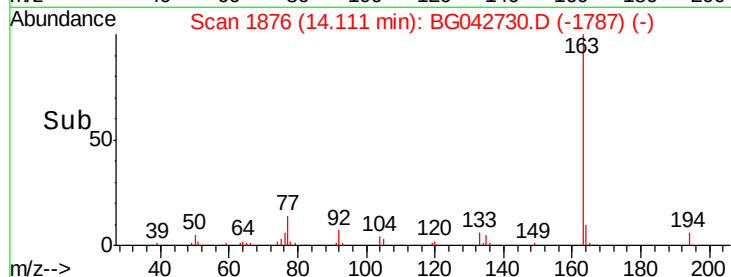
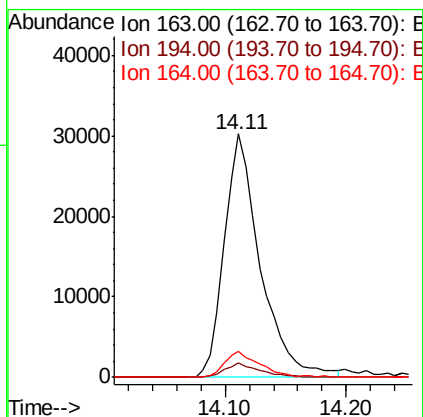
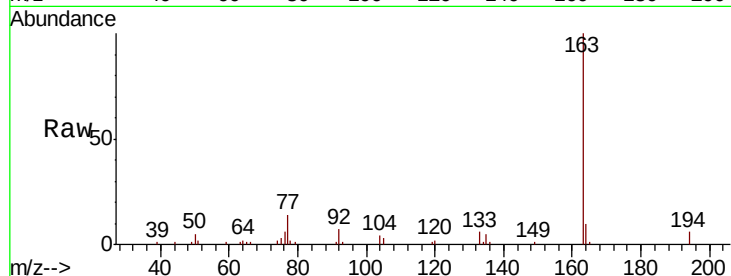




#50
Dimethylphthalate
Concen: 10.316 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

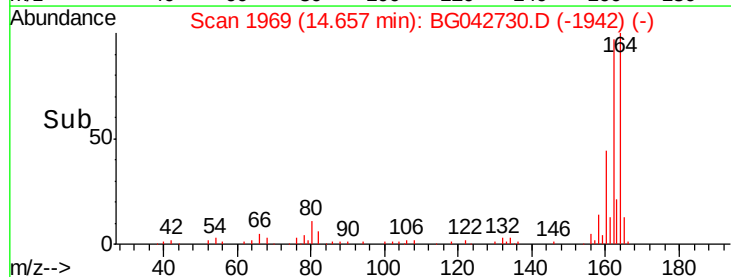
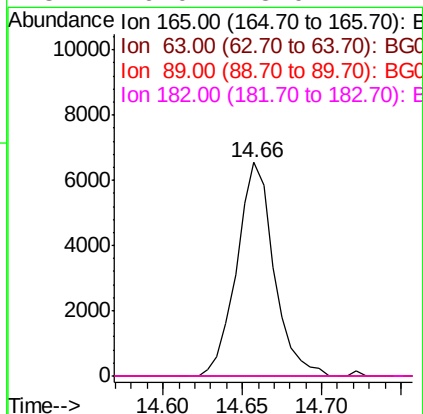
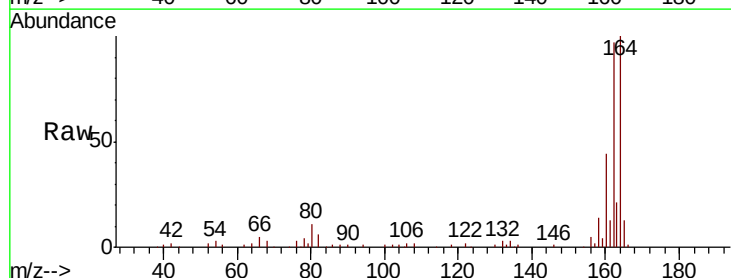
Instrument :
BNA_G
ClientSampleId :

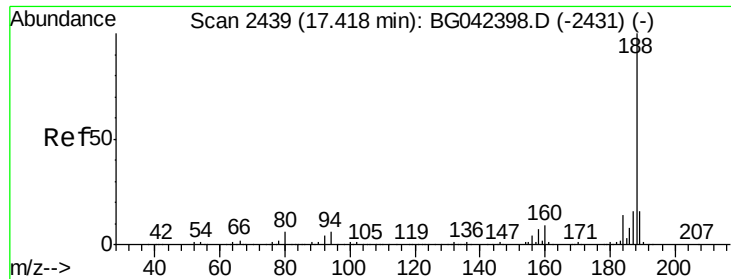
Tot Ion:163 Resp: 62541
Ion Ratio Lower Upper
163 100
194 5.8 4.2 6.2
164 10.5 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.291 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion:165 Resp: 10648
Ion Ratio Lower Upper
165 100
63 0.0 22.5 33.7#
89 0.0 37.8 56.6#
182 0.0 3.0 4.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

Instrument :

BNA_G

ClientSampleId :

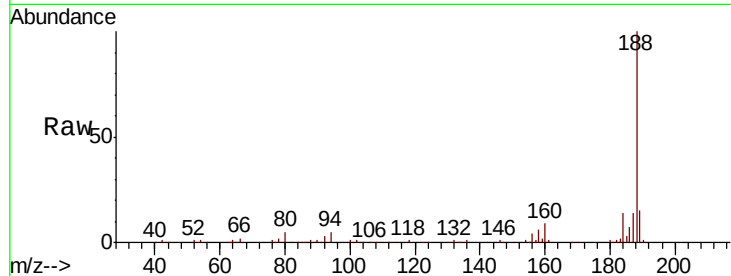
Tot Ion:188 Resp: 195948

Ion Ratio Lower Upper

188 100

94 4.6 4.5 6.7

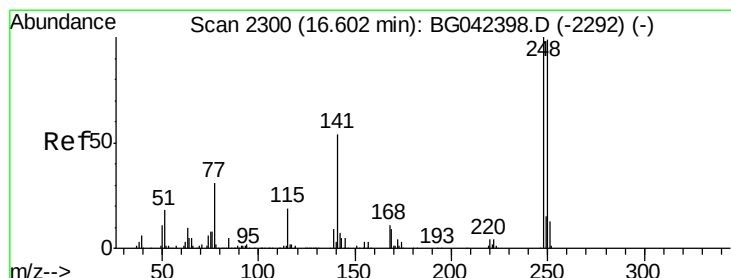
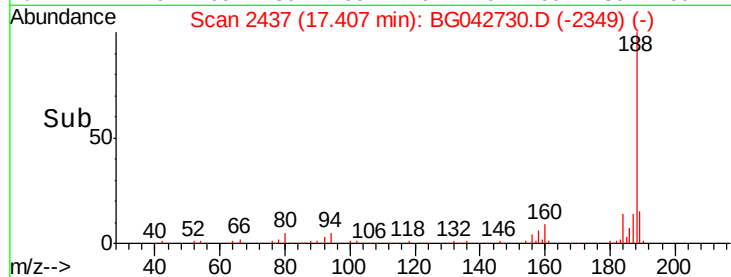
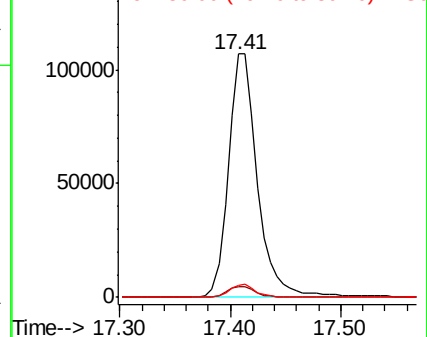
80 5.0 4.9 7.3



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



#67

4-Bromophenyl-phenylether

Concen: 4.229 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

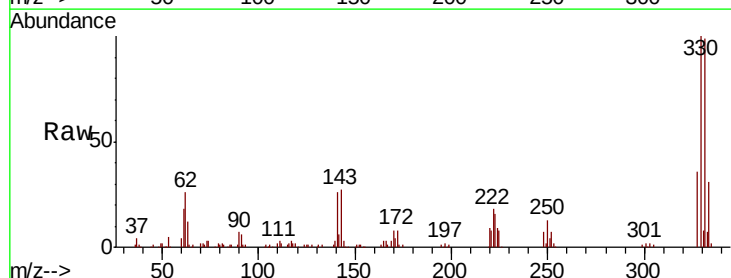
Tgt Ion:248 Resp: 10511

Ion Ratio Lower Upper

248 100

250 203.3 78.9 118.3#

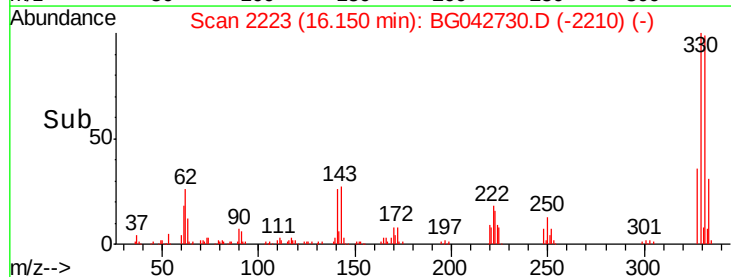
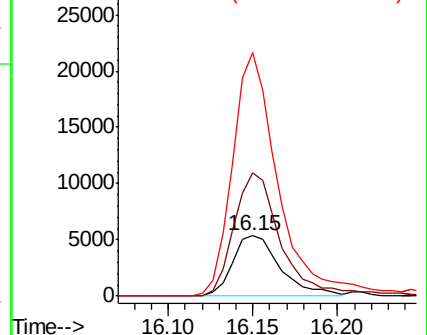
141 402.2 43.3 64.9#

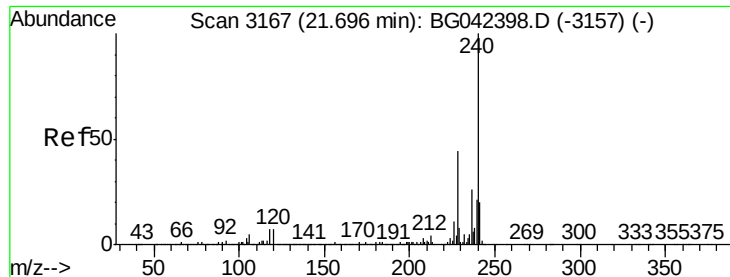


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

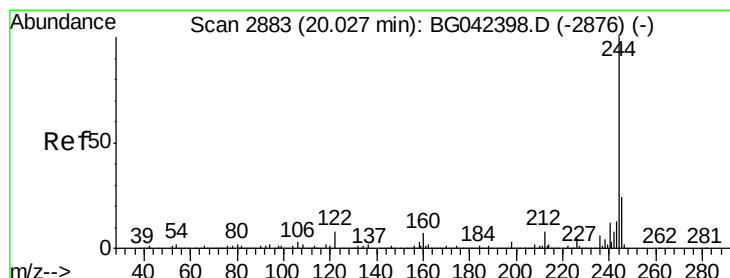
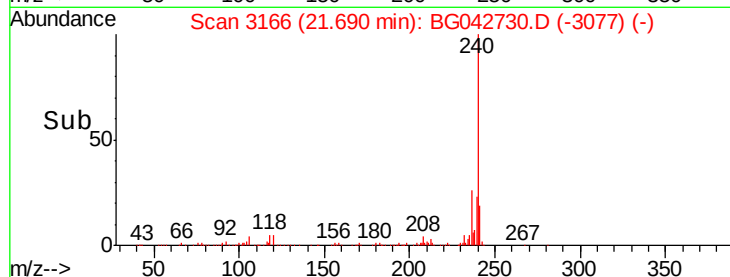
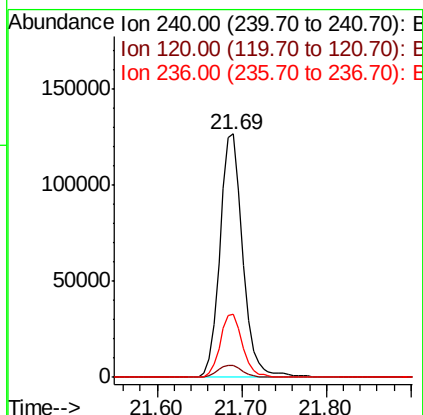
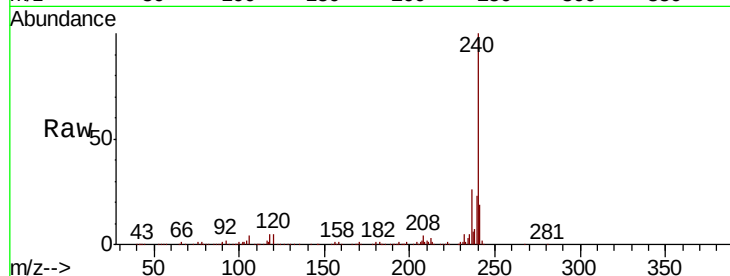




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

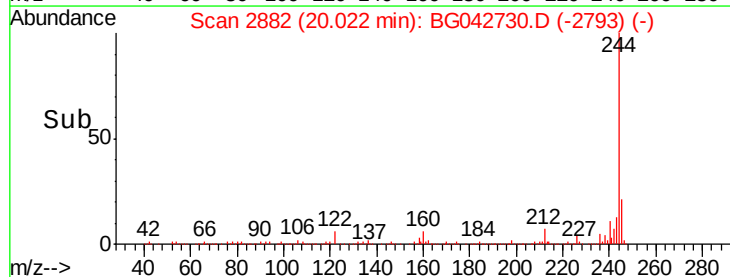
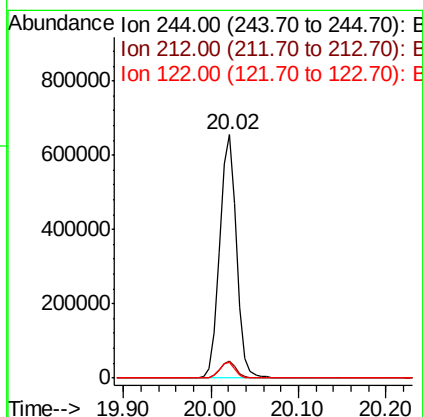
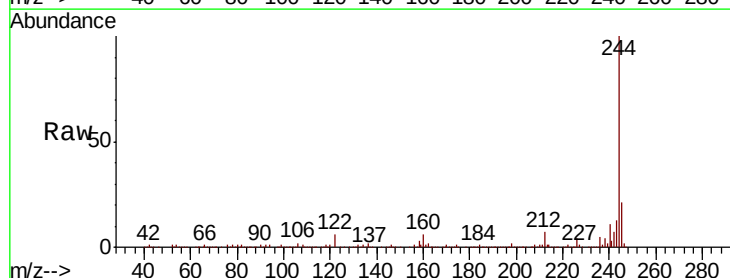
Instrument :
BNA_G
ClientSampleId :

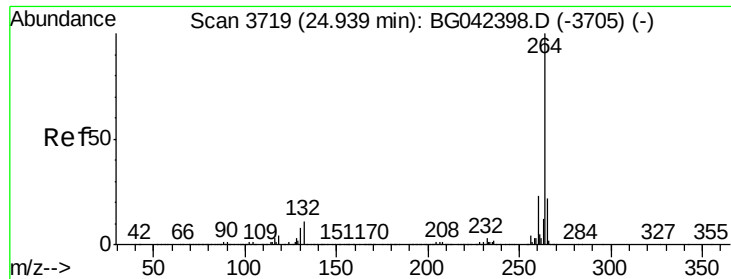
Tot Ion:240 Resp: 237845
Ion Ratio Lower Upper
240 100
120 5.0 5.7 8.5#
236 25.7 21.0 31.4



#79
Terphenyl-d14
Concen: 79.888 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion:244 Resp: 878895
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 6.3 6.7 10.1#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042730.D
 Acq: 5 Sep 2019 21:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.5	27.7
265	21.3	17.6	26.4

