

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042948.D
 Acq On : 30 Sep 2019 18:17
 Operator : JU
 Sample : K5083-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:11:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

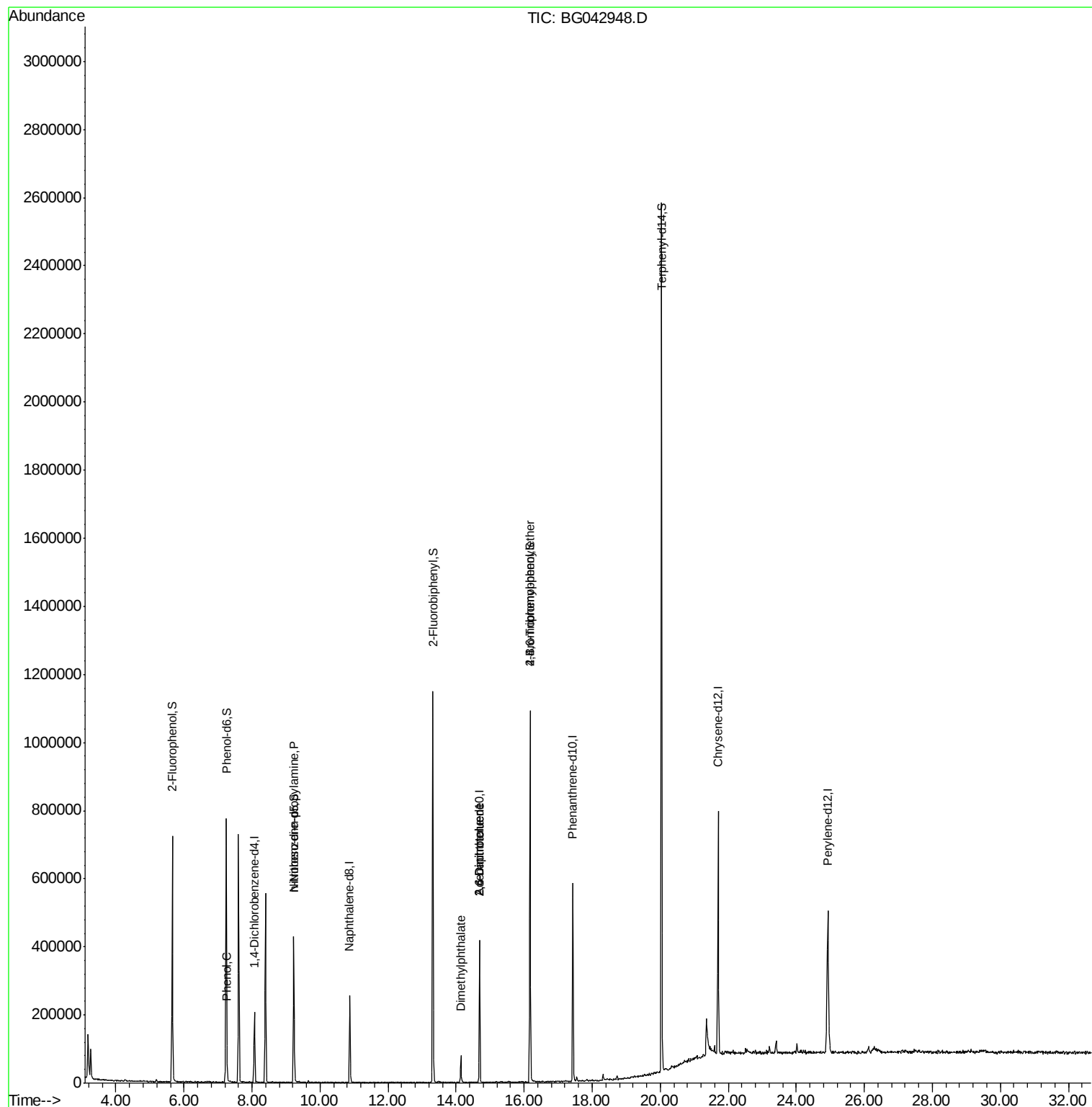
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	57446	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	210665	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	151473	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	364923	20.00	ng	0.00
76) Chrysene-d12	21.70	240	450196	20.00	ng	-0.01
87) Perylene-d12	24.93	264	508018	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	291312	90.50	ng	0.00
7) Phenol-d6	7.24	99	425798	91.86	ng	0.00
23) Nitrobenzene-d5	9.23	82	266227	61.42	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	227460	87.33	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	621085	59.44	ng	0.00
79) Terphenyl-d14	20.04	244	1271335	60.18	ng	0.00
Target Compounds						
10) Phenol	7.27	94	9969	2.344	ng	92
19) n-Nitroso-di-n-propylamine	9.23	70	36485	11.987	ng	# 70
50) Dimethylphthalate	14.14	163	52397	4.617	ng	# 93
51) 2,6-Dinitrotoluene	14.69	165	20983	8.682	ng	# 23
57) 2,4-Dinitrotoluene	14.69	165	20983	5.929	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	15352	3.352	ng	# 1

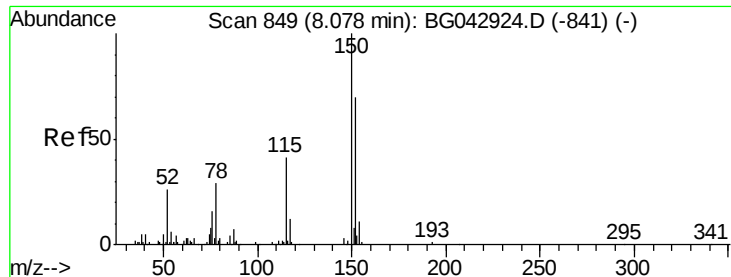
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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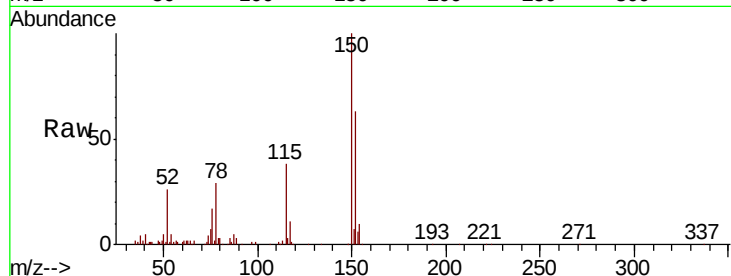


#1

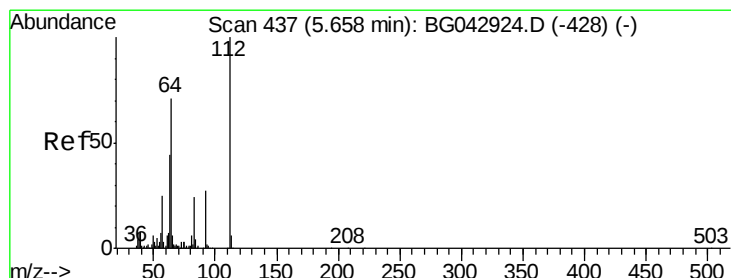
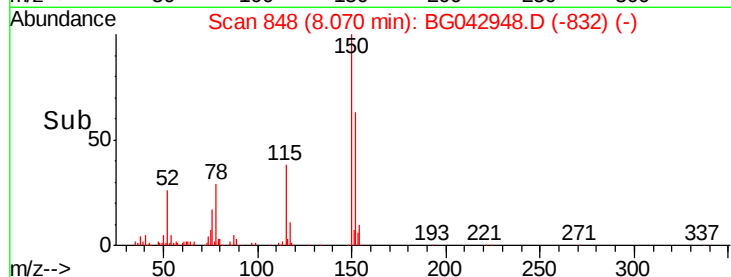
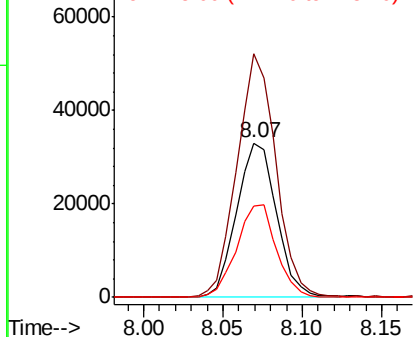
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042948.D
Acq: 30 Sep 2019 18:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	115.0	172.4
115	59.4	47.0	70.6



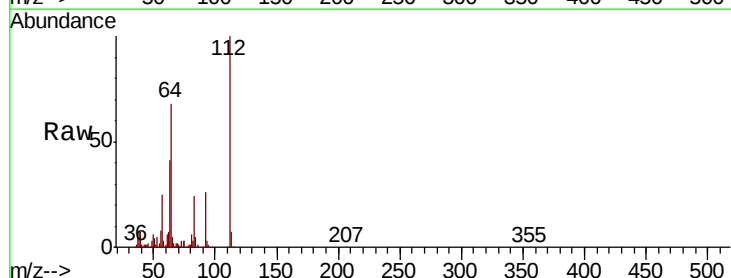
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



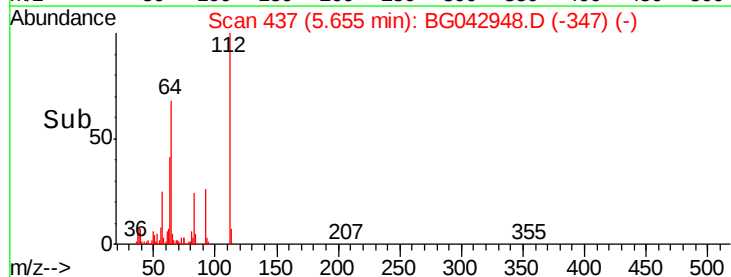
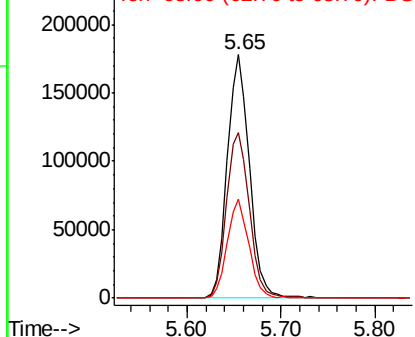
#5

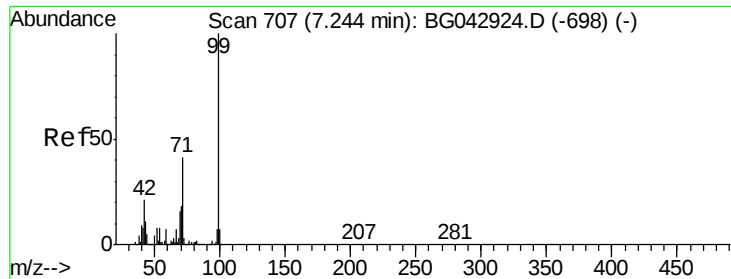
2-Fluorophenol
Concen: 90.499 ng
RT: 5.65 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042948.D
Acq: 30 Sep 2019 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.6	84.8
63	40.5	35.1	52.7



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: 91.856 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042948.D

Acq: 30 Sep 2019 18:17

Instrument :

BNA_G

ClientSampleId :

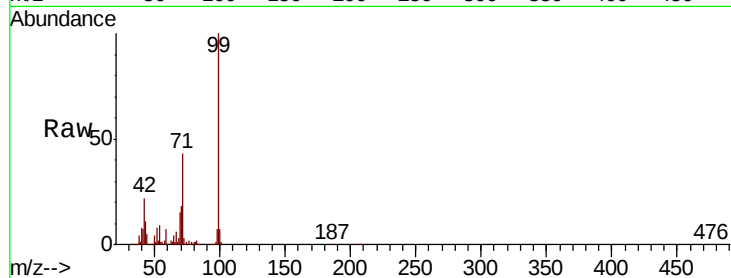
Tot Ion: 99 Resp: 425798

Ion Ratio Lower Upper

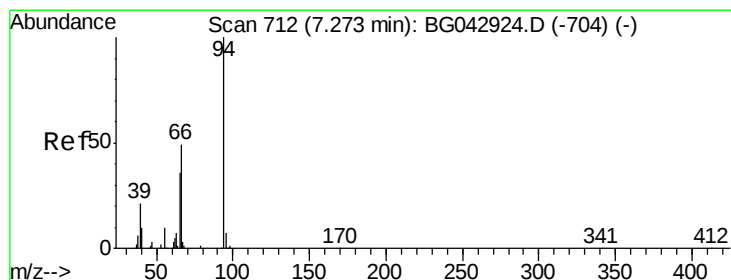
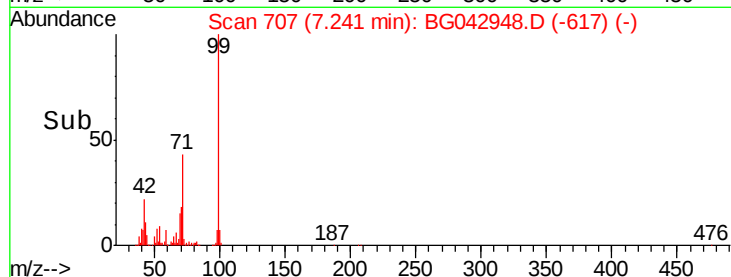
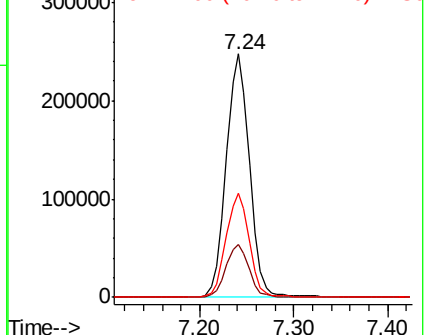
99 100

42 21.6 17.2 25.8

71 43.0 33.1 49.7



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: 2.344 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042948.D

Acq: 30 Sep 2019 18:17

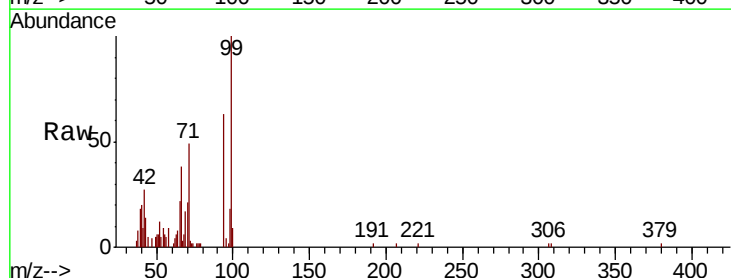
Tgt Ion: 94 Resp: 9969

Ion Ratio Lower Upper

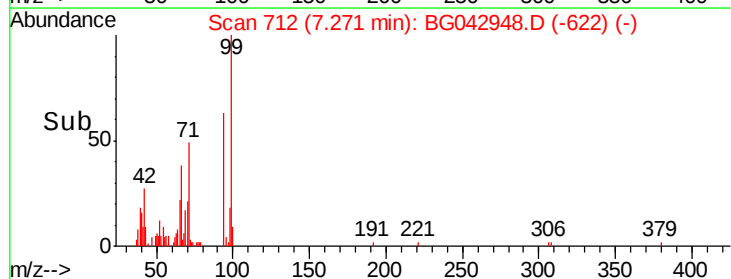
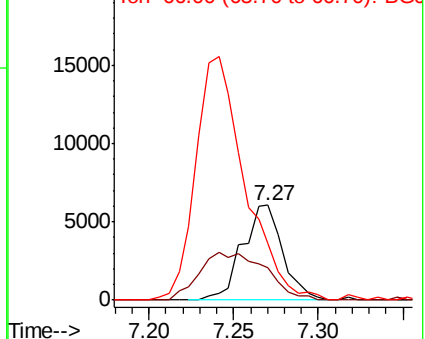
94 100

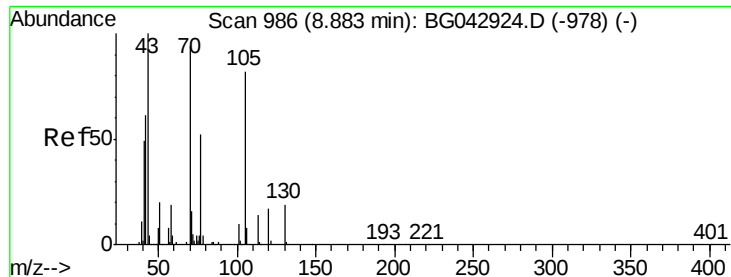
65 34.5 16.6 56.6

66 60.1 32.4 72.4



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

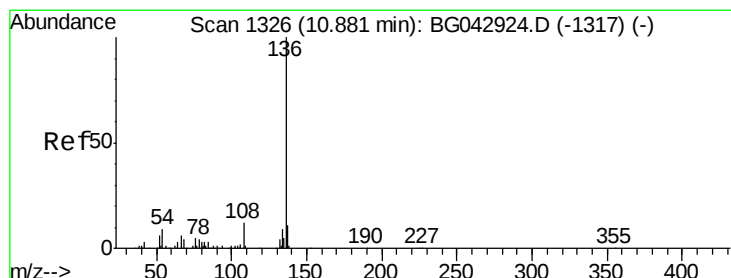
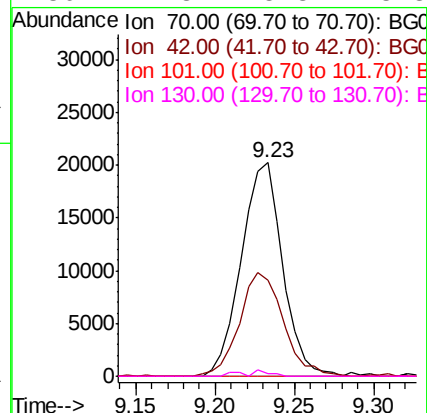
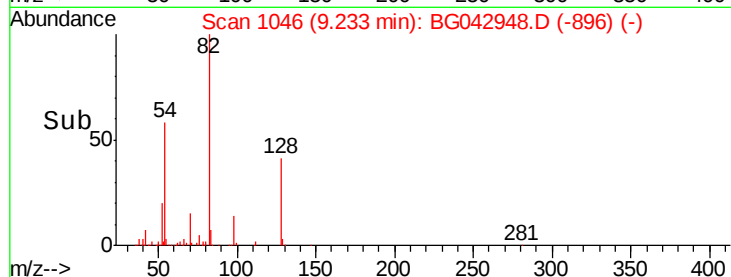
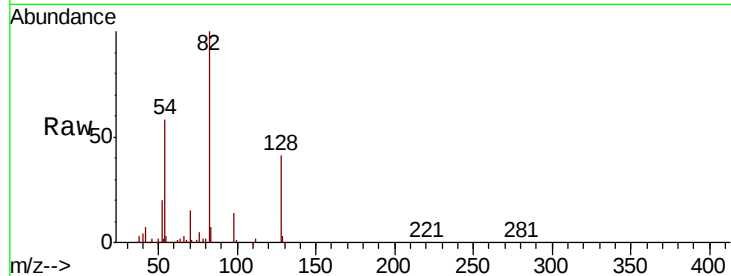




#19
n-Nitroso-di-n-propylamine
Concen: 11.987 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.35 min
Lab File: BG042948.D
Acq: 30 Sep 2019 18:17

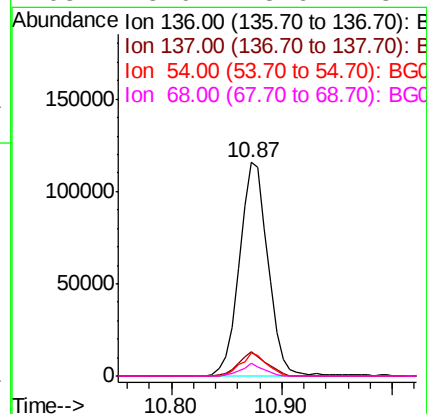
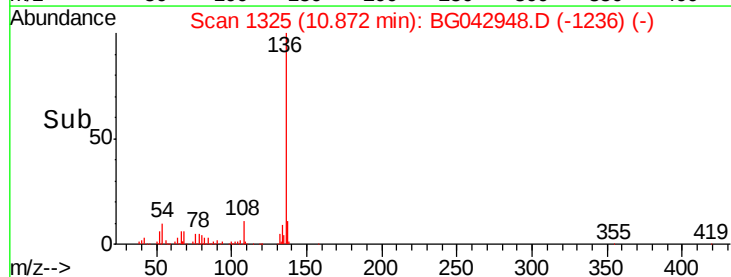
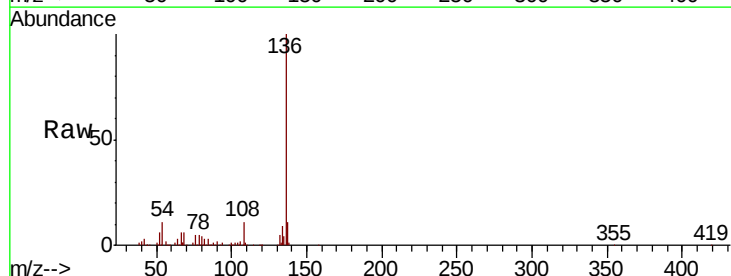
Instrument :
BNA_G
ClientSampleId :

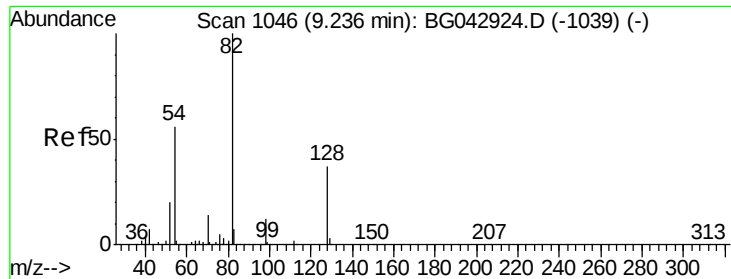
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.7	52.6	79.0#
101	0.0	8.7	13.1#
130	1.3	15.8	23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042948.D
Acq: 30 Sep 2019 18:17

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.6	7.4	11.2
68	5.9	3.6	5.4#

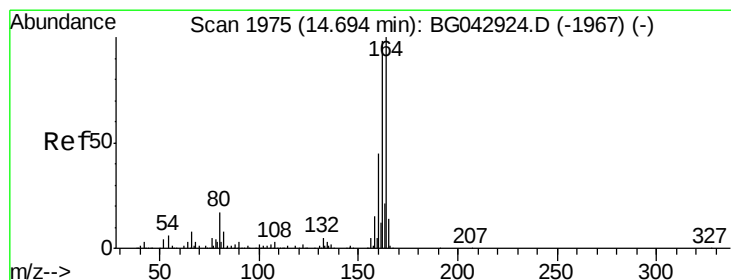
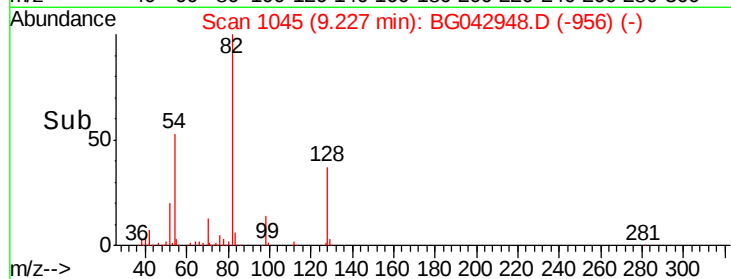
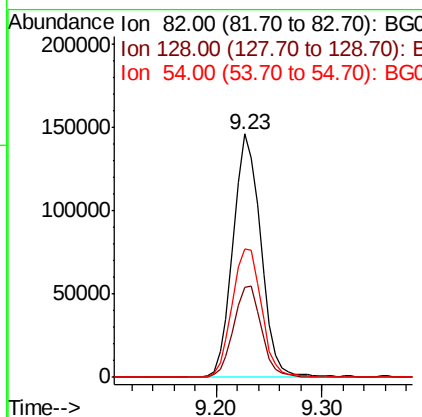
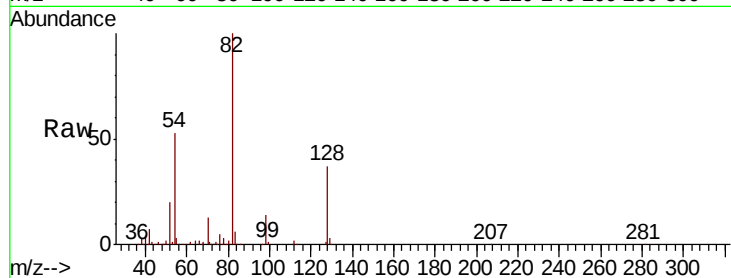




#23
 Nitrobenzene-d5
 Concen: 61.425 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042948.D
 Acq: 30 Sep 2019 18:17

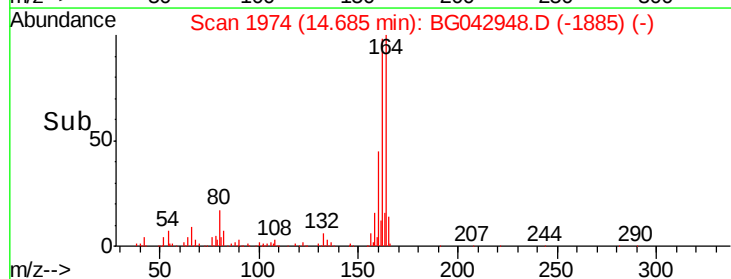
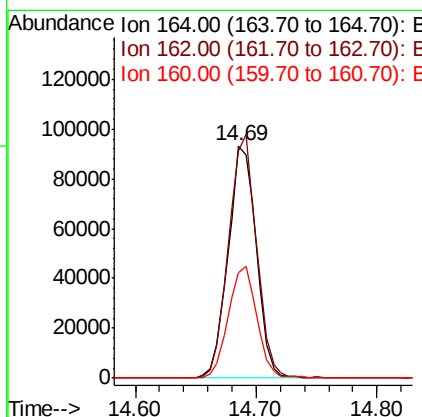
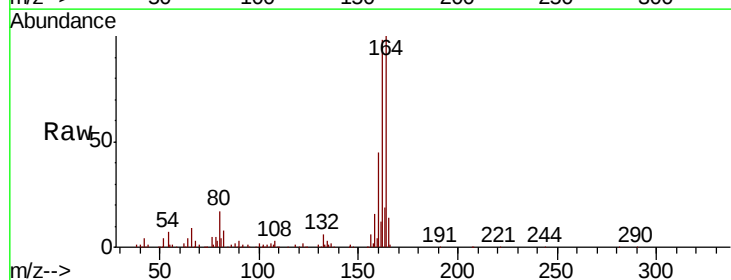
Instrument :
 BNA_G
 ClientSampleId :

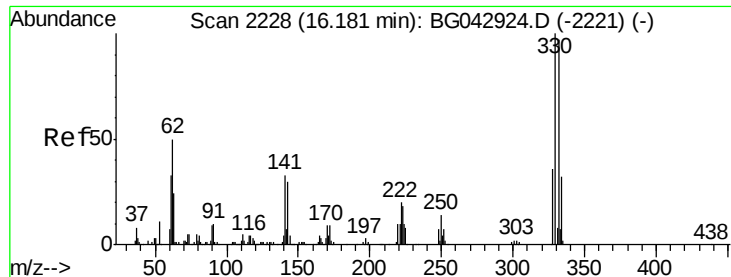
Tot Ion	82	Resp	266227
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.5	44.3
54	52.5	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG042948.D
 Acq: 30 Sep 2019 18:17

Tgt Ion	164	Resp	151473
Ion Ratio	Lower	Upper	
164	100		
162	97.8	78.5	117.7
160	45.1	35.9	53.9

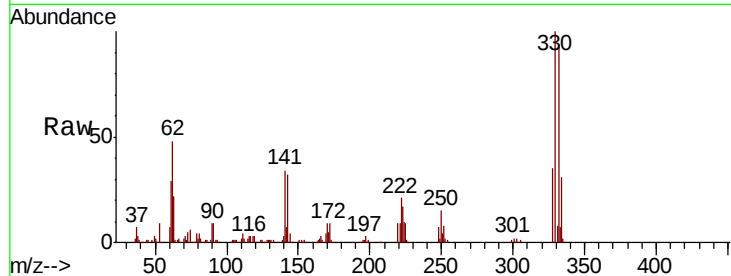




#42
 2,4,6-Tribromophenol
 Concen: 87.328 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG042948.D
 Acq: 30 Sep 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.2	117.2
141	32.1	26.0	39.0

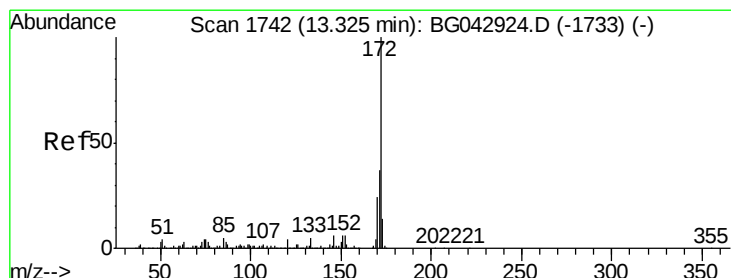
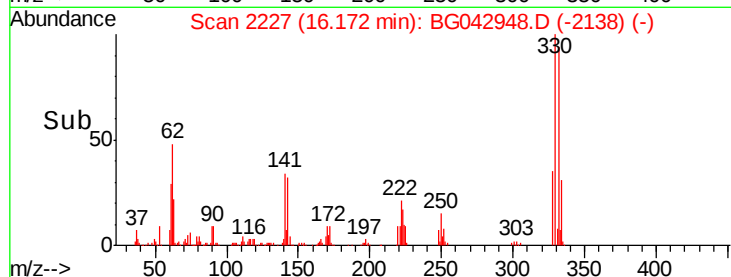
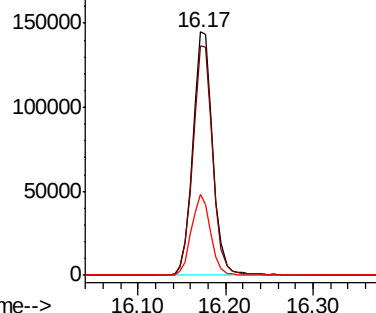


Abundance

Ion 329.80 (329.50 to 330.50): E

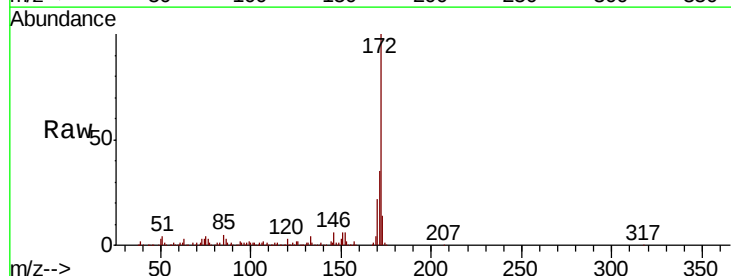
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 59.442 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042948.D
 Acq: 30 Sep 2019 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	22.1	19.6	29.4

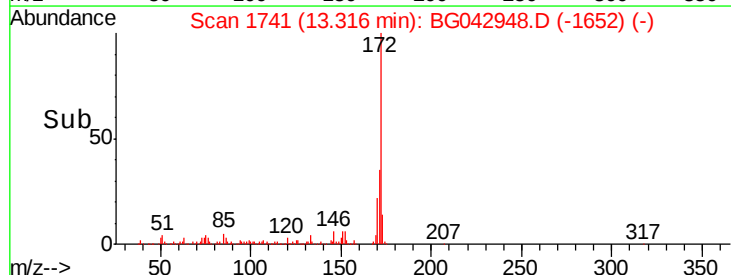
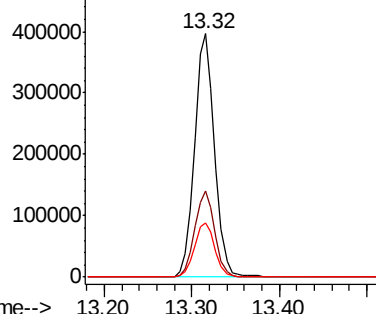


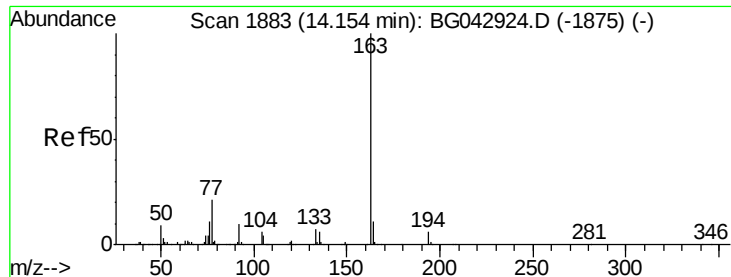
Abundance

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: 4.617 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG042948.D

Acq: 30 Sep 2019 18:17

Instrument :

BNA_G

ClientSampleId :

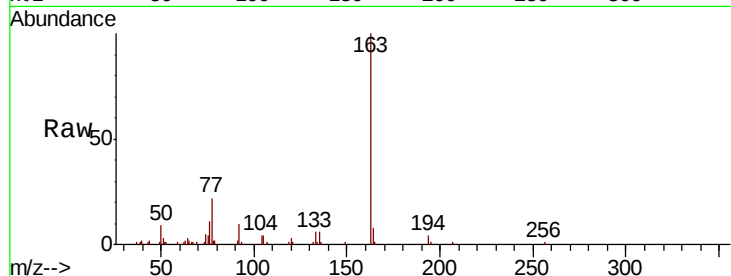
Tot Ion:163 Resp: 52397

Ion Ratio Lower Upper

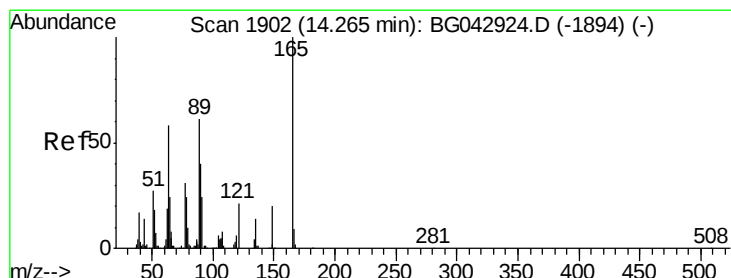
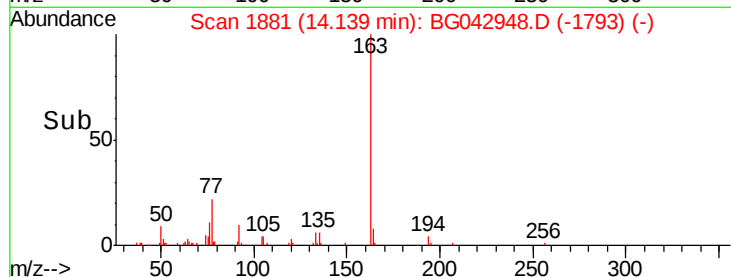
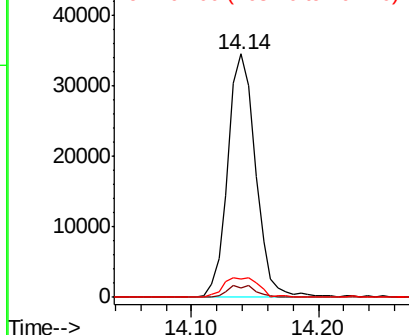
163 100

194 3.7 4.4 6.6#

164 7.6 8.6 12.8#



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



#51

2,6-Dinitrotoluene

Concen: 8.682 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.42 min

Lab File: BG042948.D

Acq: 30 Sep 2019 18:17

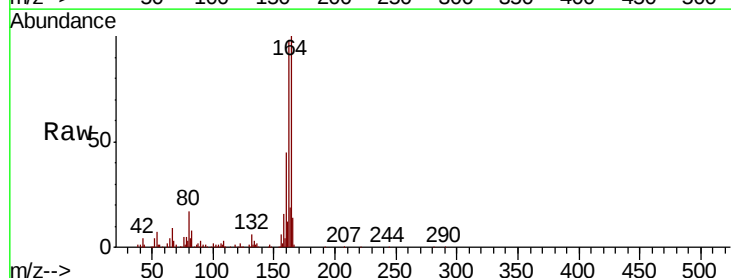
Tgt Ion:165 Resp: 20983

Ion Ratio Lower Upper

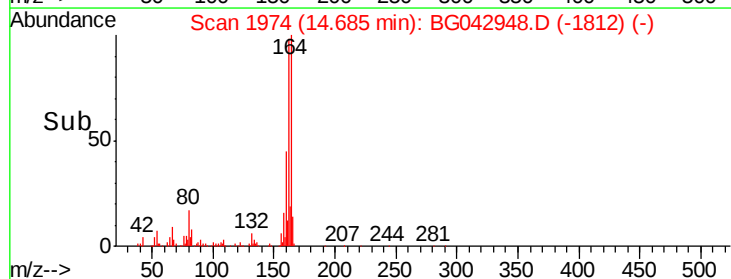
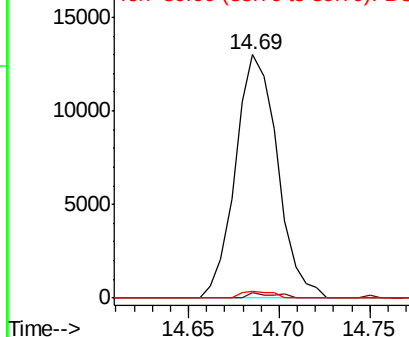
165 100

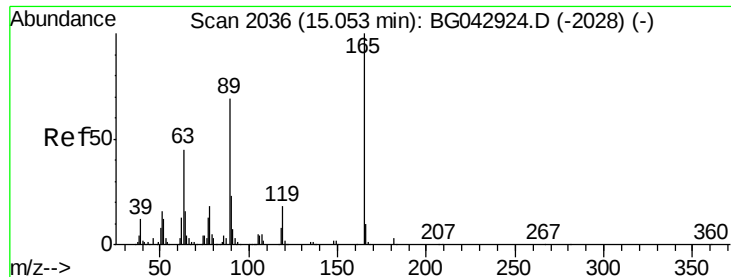
63 2.1 50.3 75.5#

89 3.0 48.9 73.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#57

2,4-Dinitrotoluene

Concen: 5.929 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.37 min

Lab File: BG042948.D

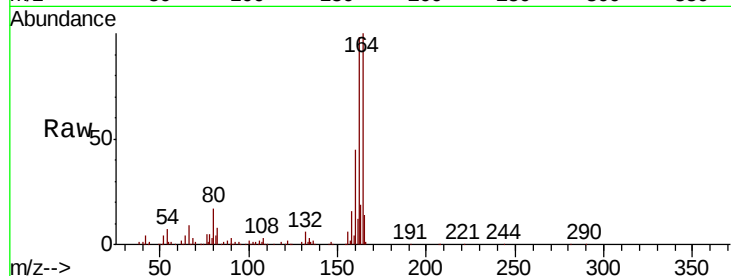
Acq: 30 Sep 2019 18:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	20983
Ion Ratio	Lower	Upper
165	100	
63	2.1	36.5 54.7#
89	3.0	55.5 83.3#
182	0.0	2.4 3.6#

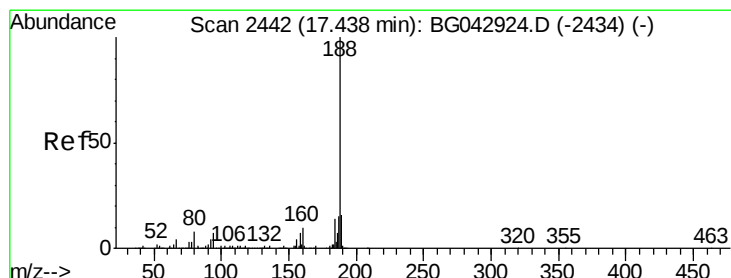
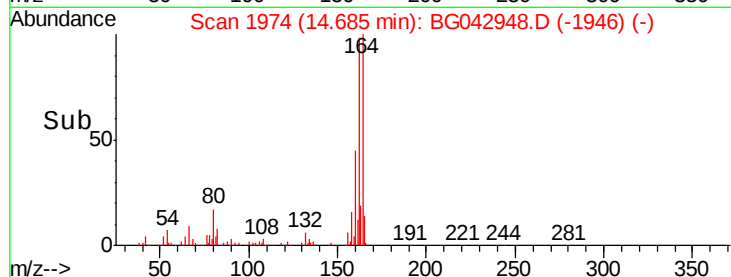
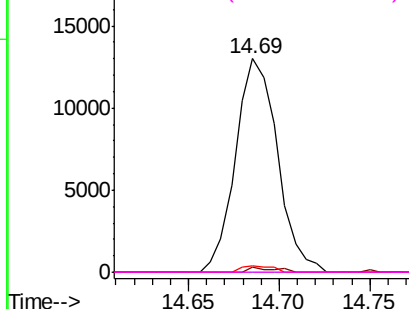


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

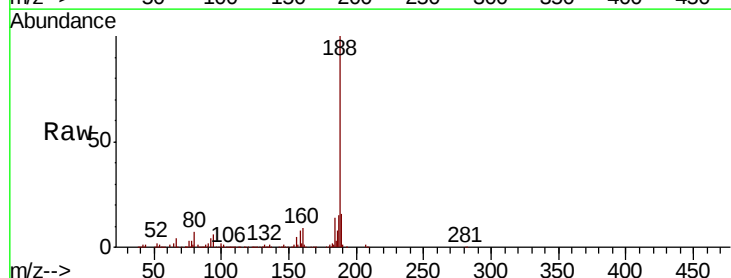
RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042948.D

Acq: 30 Sep 2019 18:17

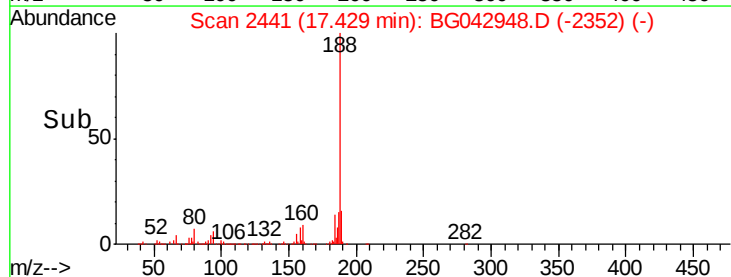
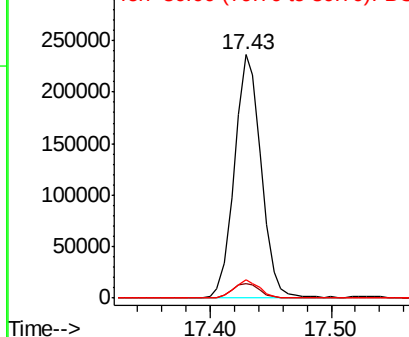
Tgt Ion:188	Resp:	364923
Ion Ratio	Lower	Upper
188	100	
94	5.9	5.7 8.5
80	7.4	6.5 9.7

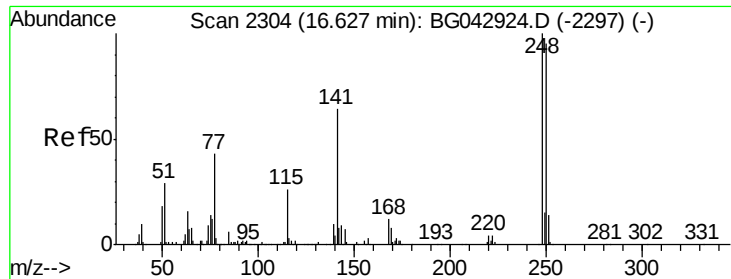


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 3.352 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.46 min

Lab File: BG042948.D

Acq: 30 Sep 2019 18:17

Instrument :

BNA_G

ClientSampleId :

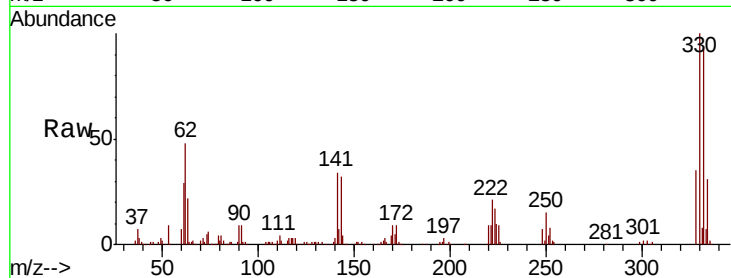
Tot Ion:248 Resp: 15352

Ion Ratio Lower Upper

248 100

250 215.1 75.8 113.8#

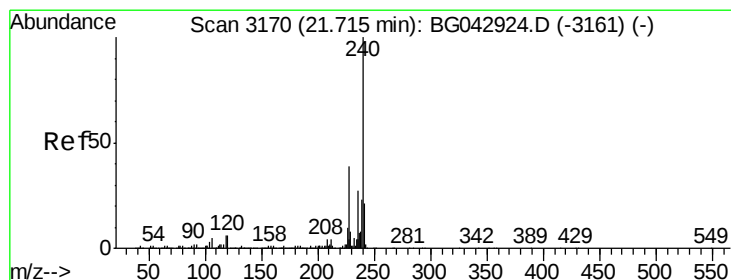
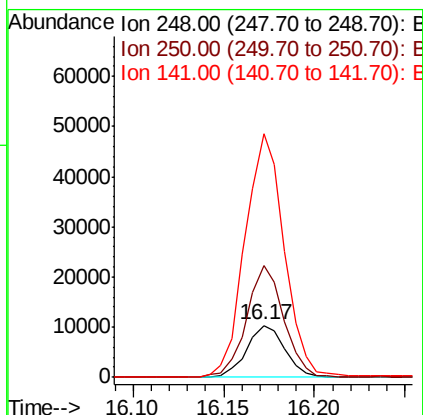
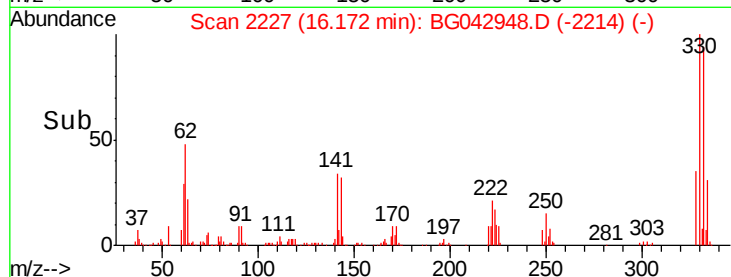
141 469.5 51.1 76.7#



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042948.D

Acq: 30 Sep 2019 18:17

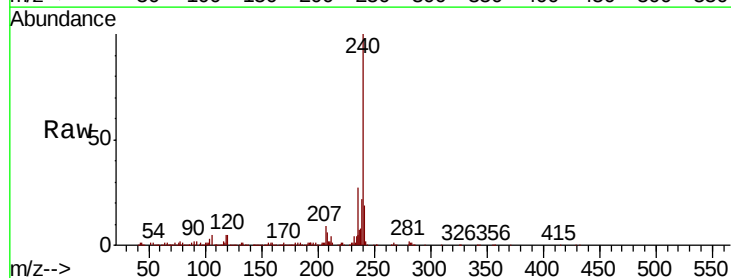
Tgt Ion:240 Resp: 450196

Ion Ratio Lower Upper

240 100

120 4.6 4.8 7.2#

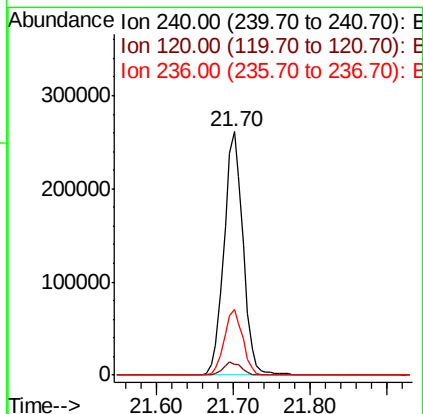
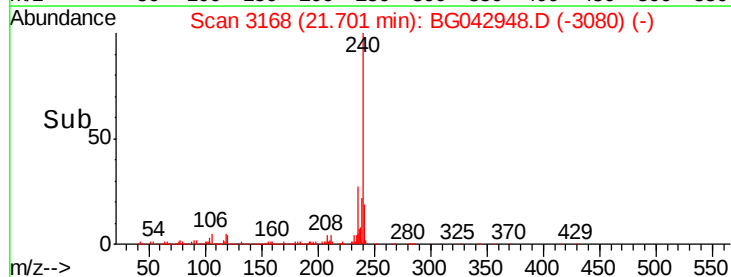
236 27.2 21.4 32.0

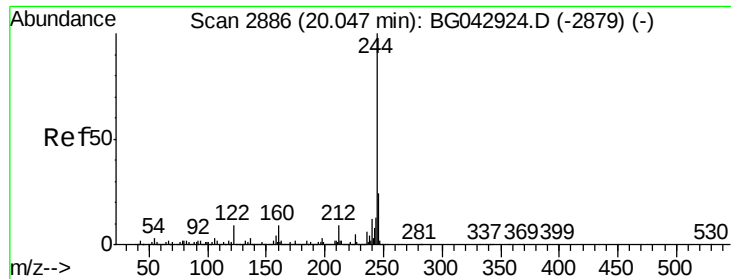


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.175 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042948.D

Acq: 30 Sep 2019 18:17

Instrument :

BNA_G

ClientSampleId :

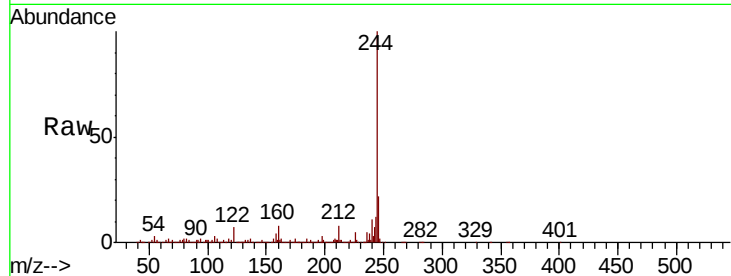
Tot Ion:244 Resp: 1271335

Ion Ratio Lower Upper

244 100

212 7.9 7.4 11.0

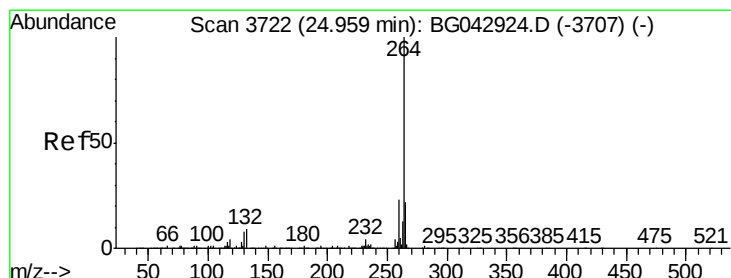
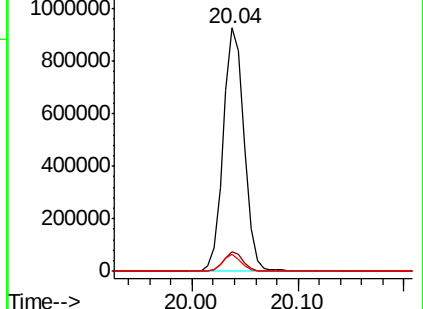
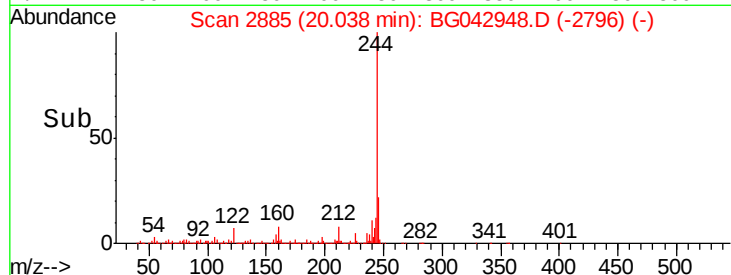
122 7.2 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042948.D

Acq: 30 Sep 2019 18:17

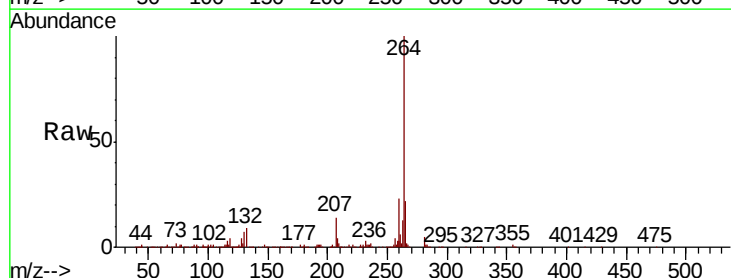
Tgt Ion:264 Resp: 508018

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 22.4 17.7 26.5



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

