

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042388.D
 Acq On : 21 Aug 2019 18:03
 Operator : HP/JU
 Sample : K4330-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 19:01:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

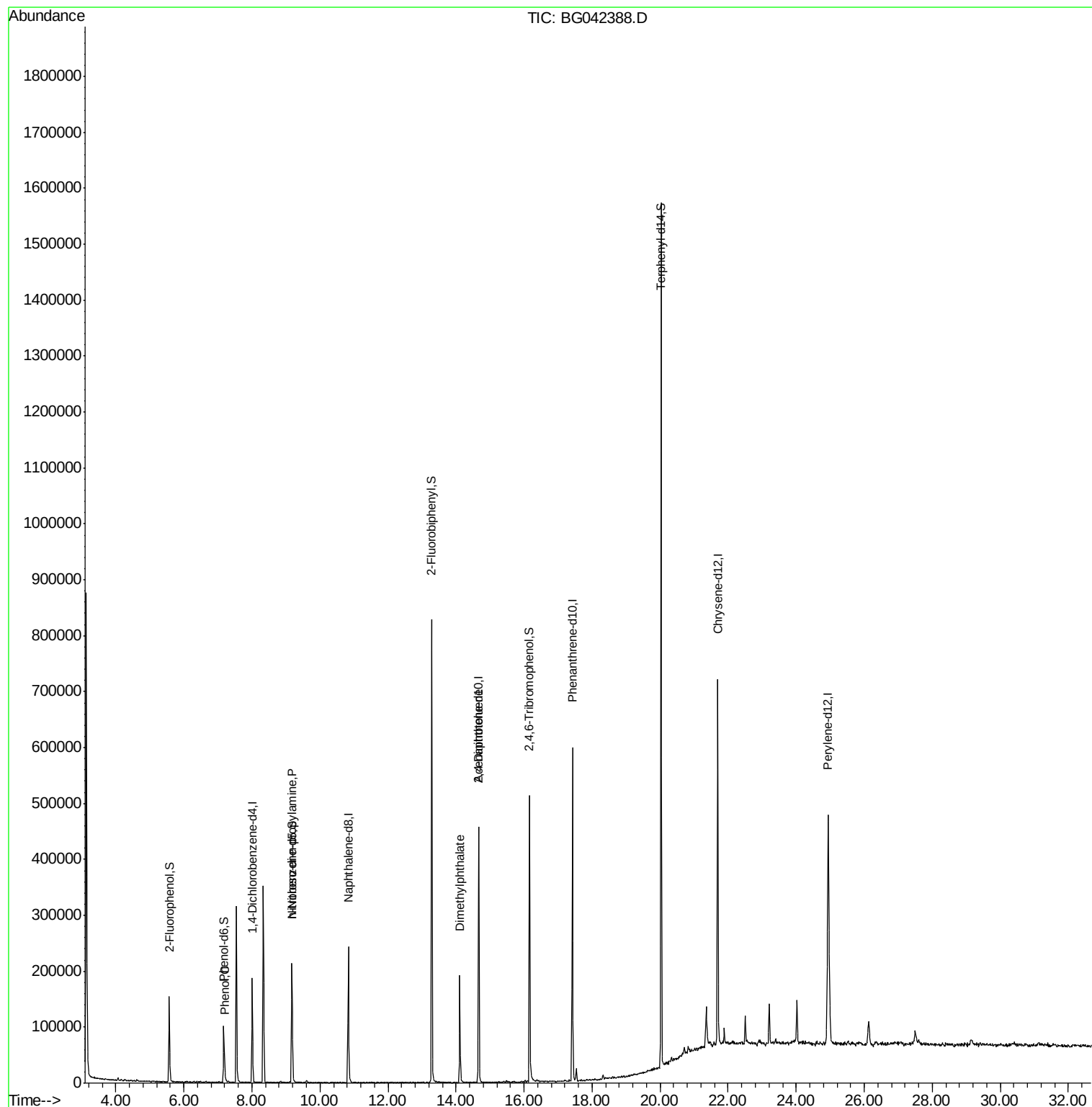
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64063	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	253224	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	186463	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	410951	20.00	ng	0.00
76) Chrysene-d12	21.69	240	411485	20.00	ng	0.00
87) Perylene-d12	24.94	264	483825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	86034	27.21	ng	0.00
7) Phenol-d6	7.17	99	78047	18.17	ng	0.00
23) Nitrobenzene-d5	9.18	82	149015	41.39	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	142870	56.26	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	507497	46.06	ng	0.00
79) Terphenyl-d14	20.03	244	811929	43.22	ng	0.00
Target Compounds						
10) Phenol	7.20	94	10331	2.366	ng	94
19) n-Nitroso-di-n-propylamine	9.18	70	18535	6.711	ng	# 76
50) Dimethylphthalate	14.11	163	160488	12.113	ng	98
57) 2,4-Dinitrotoluene	14.66	165	24570	5.667	ng	# 39

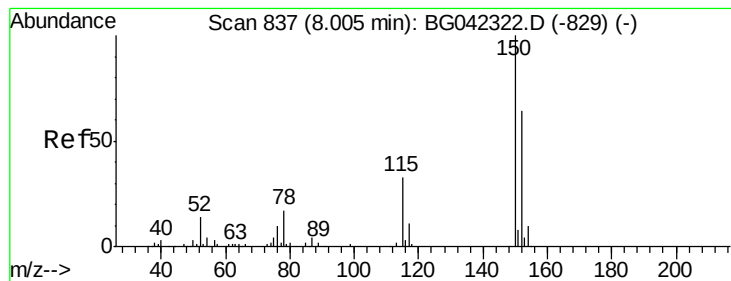
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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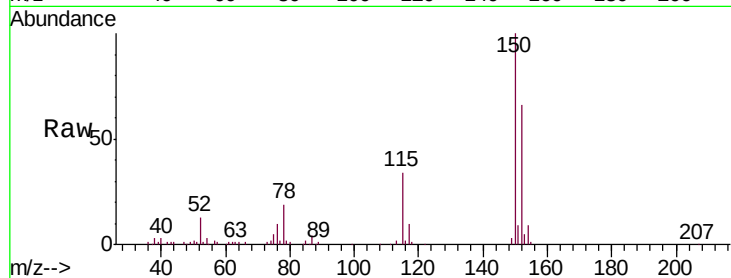


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.3	186.5
115	50.9	40.5	60.7

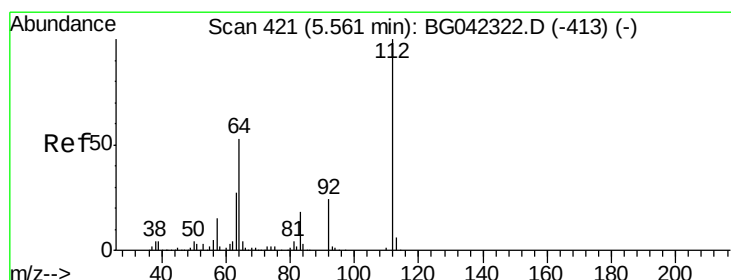
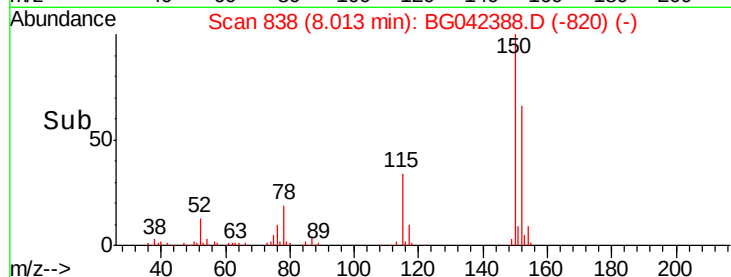
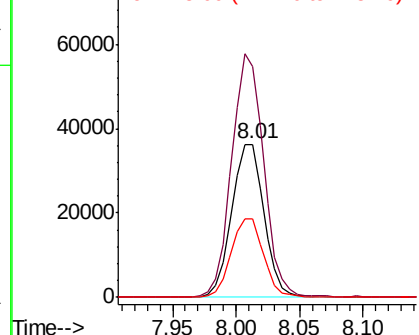


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

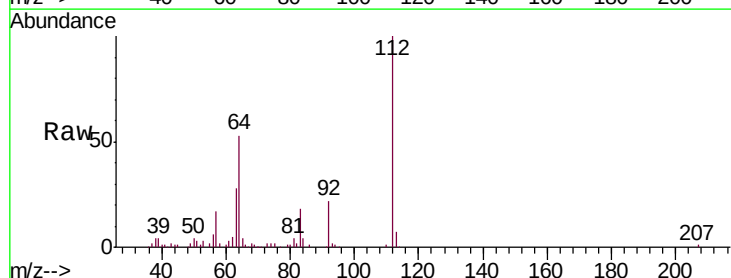
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 27.210 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.5	63.7
63	28.3	21.7	32.5

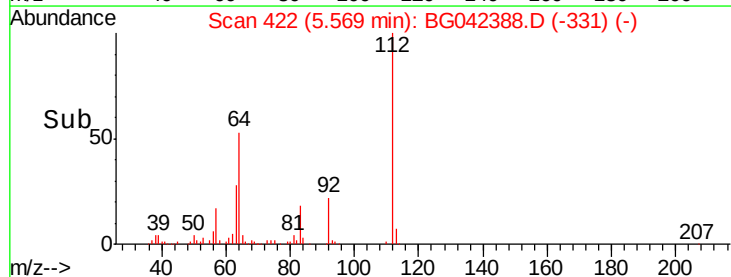
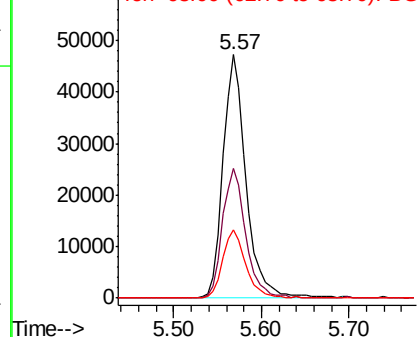


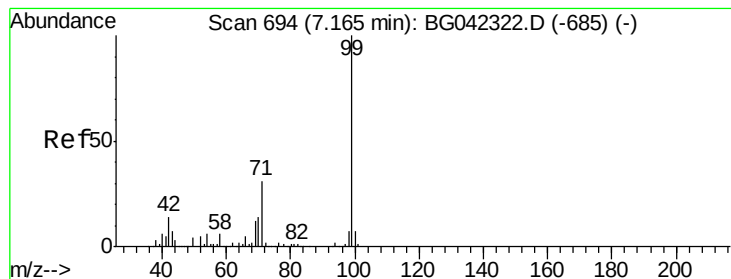
Abundance

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: 18.175 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

Instrument :

BNA_G

ClientSampled :

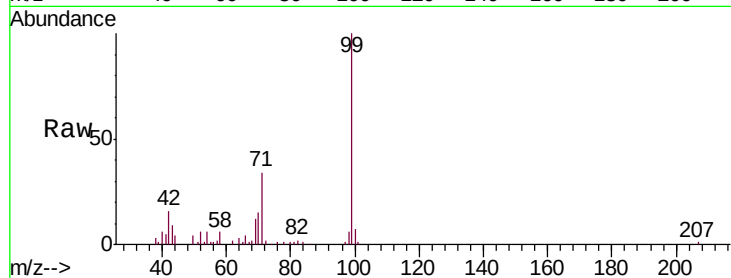
Tot Ion: 99 Resp: 78047

Ion Ratio Lower Upper

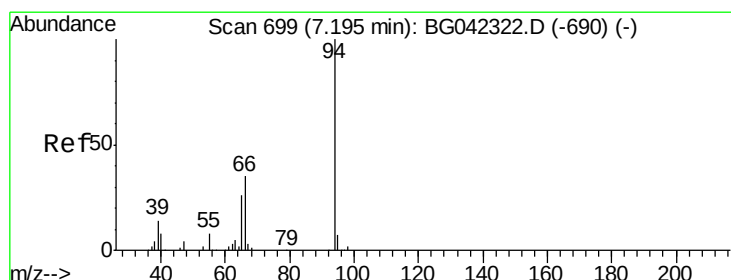
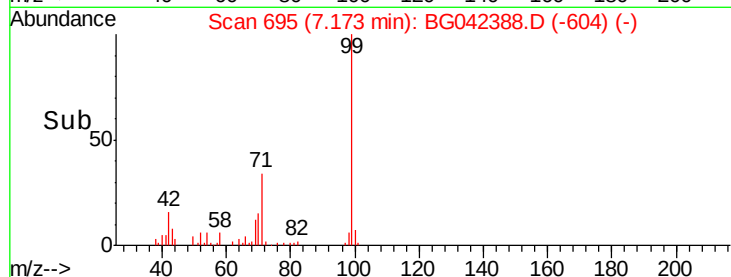
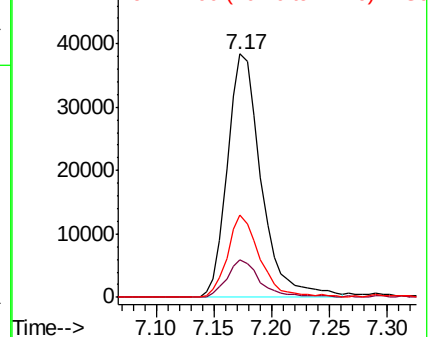
99 100

42 15.7 11.4 17.0

71 33.6 25.1 37.7



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: 2.366 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

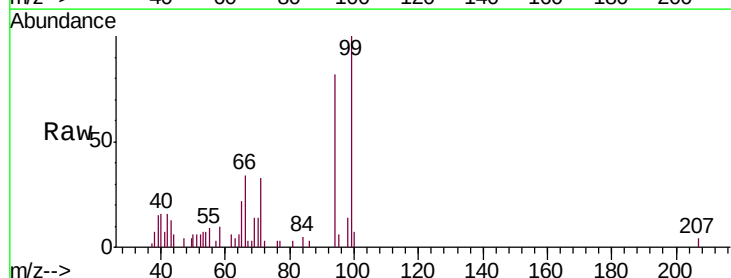
Tgt Ion: 94 Resp: 10331

Ion Ratio Lower Upper

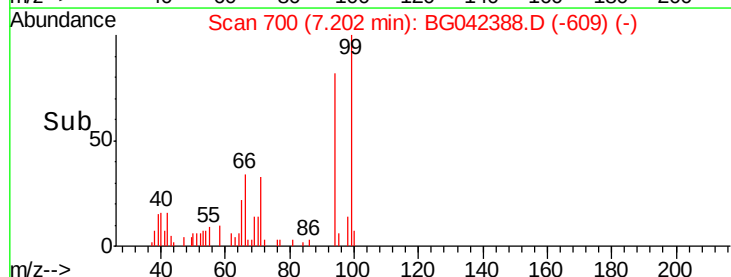
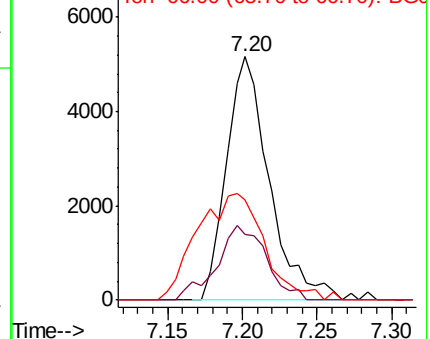
94 100

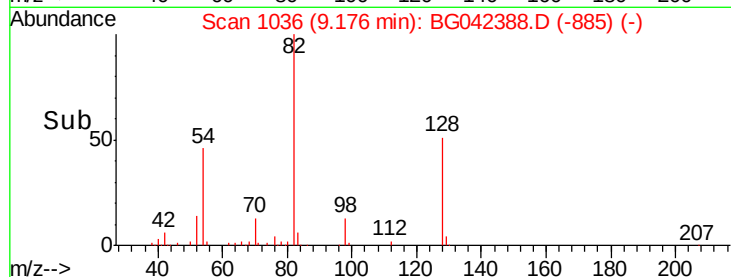
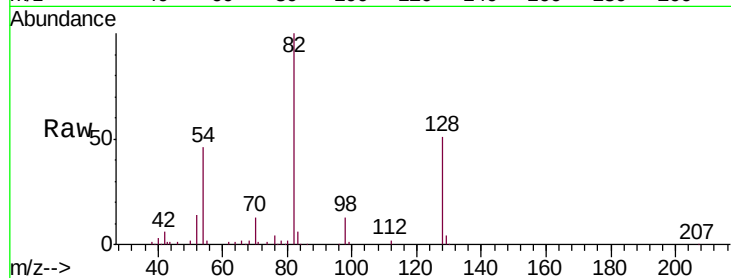
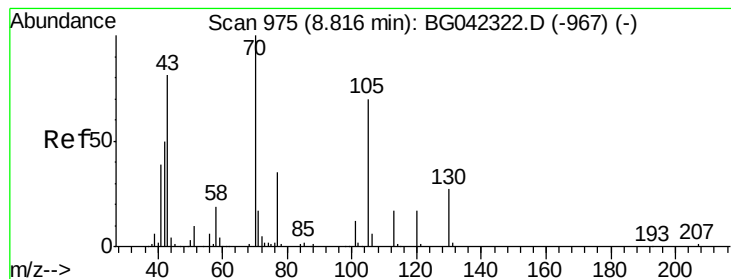
65 27.2 6.1 46.1

66 41.2 15.7 55.7



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: 6.711 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 18535

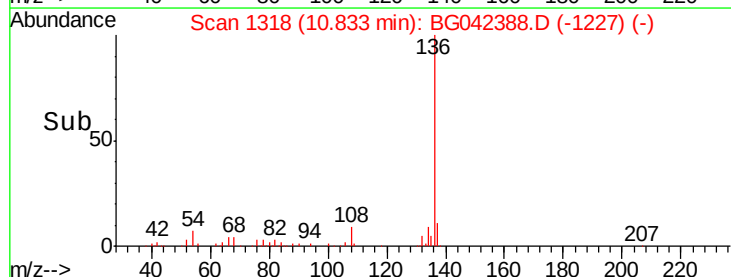
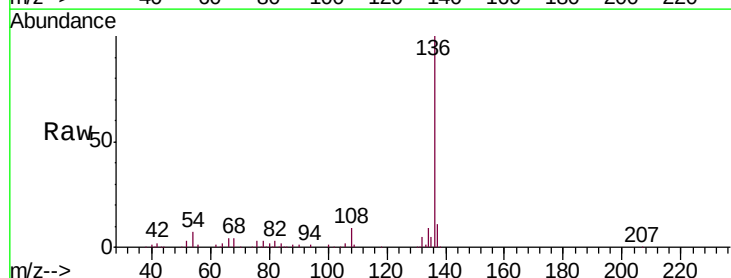
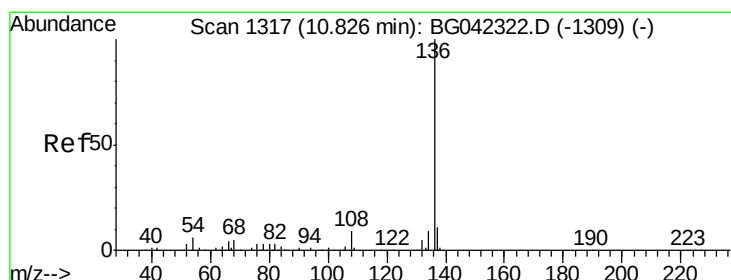
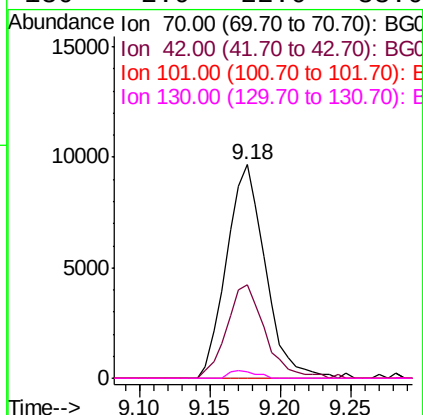
Ion Ratio Lower Upper

70 100

42 44.0 40.5 60.7

101 0.0 9.3 13.9#

130 2.9 22.0 33.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

Tgt Ion:136 Resp: 253224

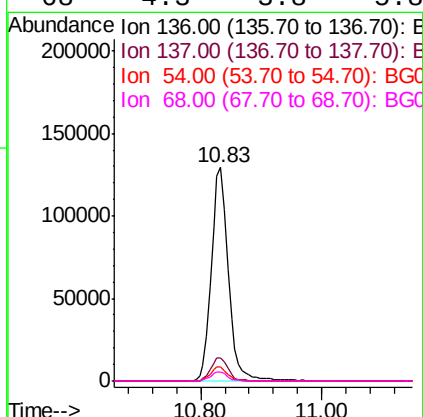
Ion Ratio Lower Upper

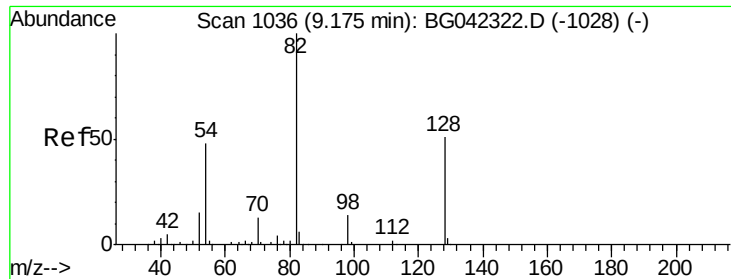
136 100

137 11.1 8.4 12.6

54 6.6 5.0 7.4

68 4.3 3.8 5.8

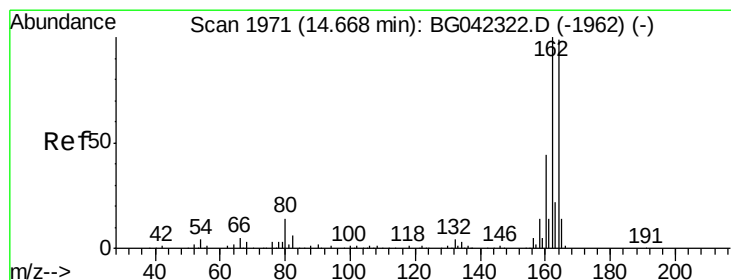
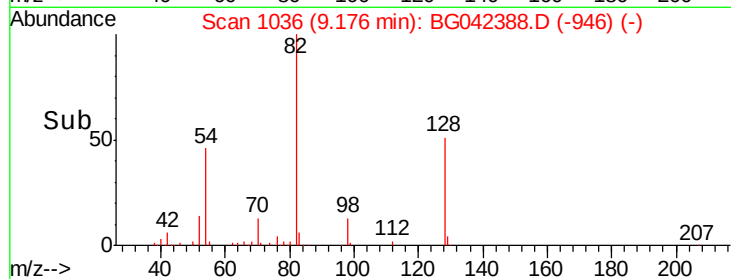
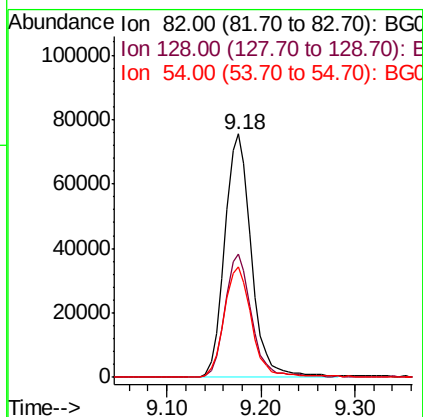
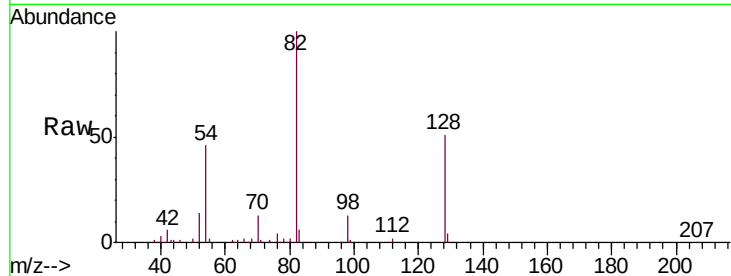




#23
Nitrobenzene-d5
Concen: 41.389 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

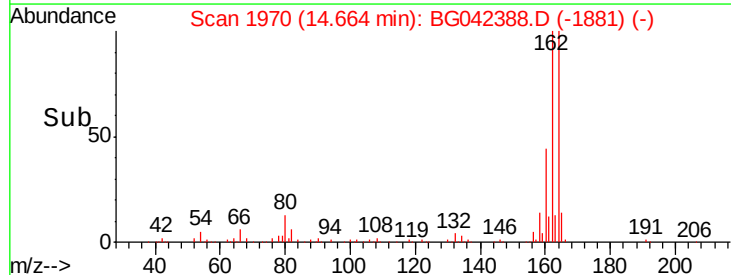
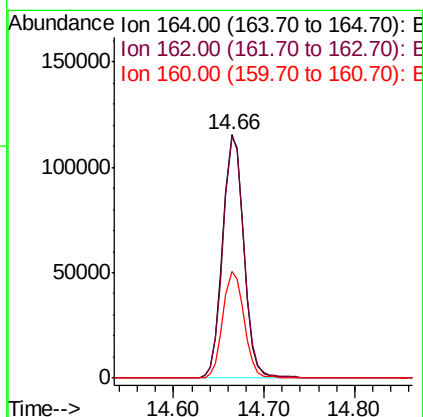
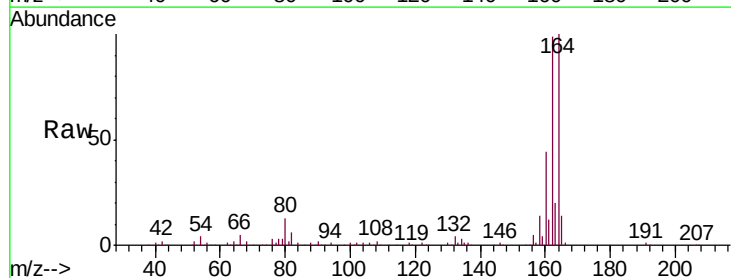
Instrument :
BNA_G
ClientSampleId :

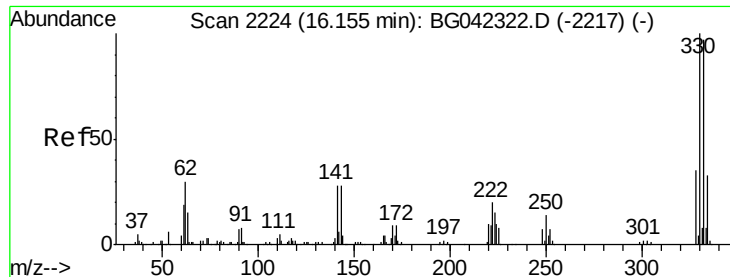
Tot Ion	82	Resp	149015
Ion Ratio	Lower	Upper	
82	100		
128	50.9	41.0	61.4
54	45.6	38.0	57.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Tgt Ion	164	Resp	186463
Ion Ratio	Lower	Upper	
164	100		
162	98.8	80.6	120.8
160	43.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 56.257 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

Instrument :

BNA_G

ClientSampled :

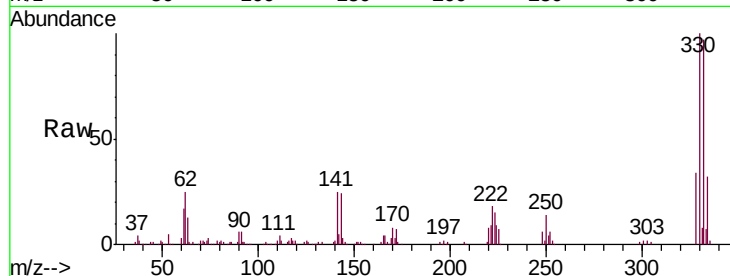
Tot Ion:330 Resp: 142870

Ion Ratio Lower Upper

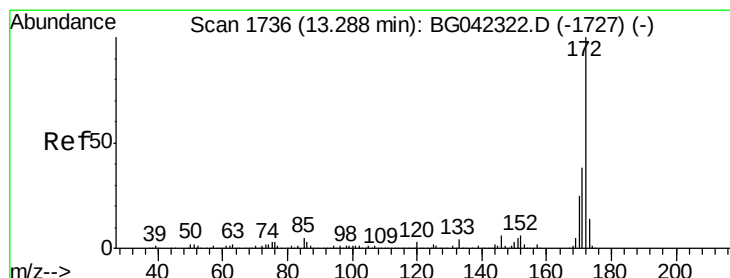
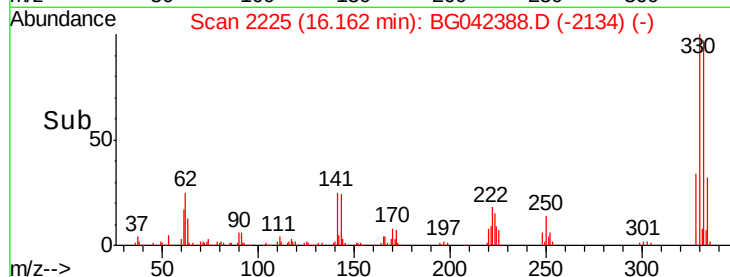
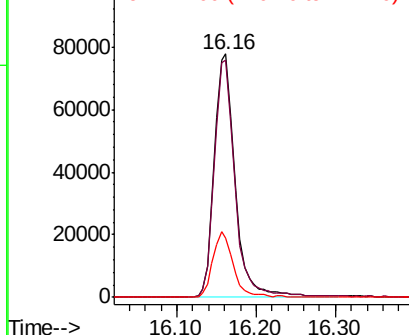
330 100

332 96.2 76.9 115.3

141 26.5 21.8 32.6



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: 46.056 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

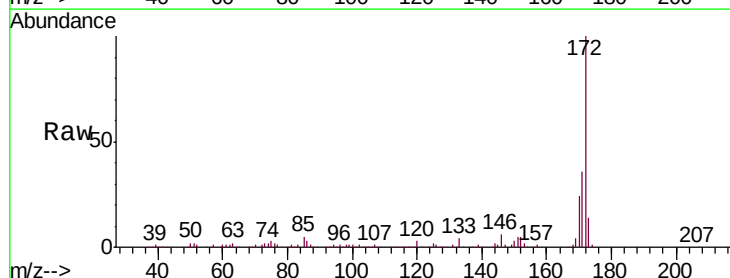
Tgt Ion:172 Resp: 507497

Ion Ratio Lower Upper

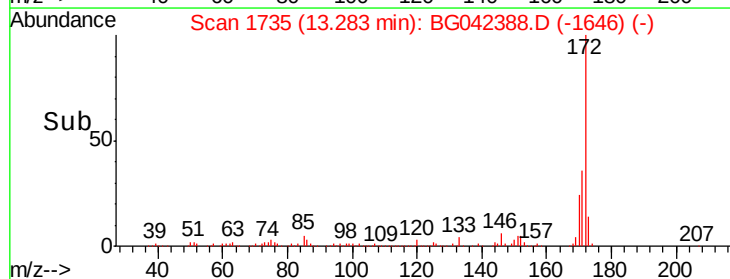
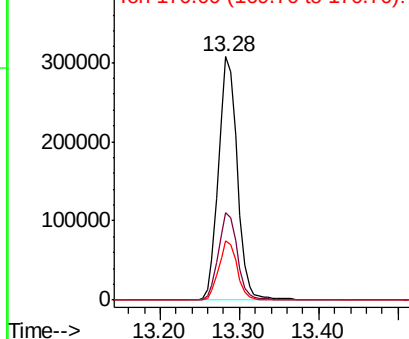
172 100

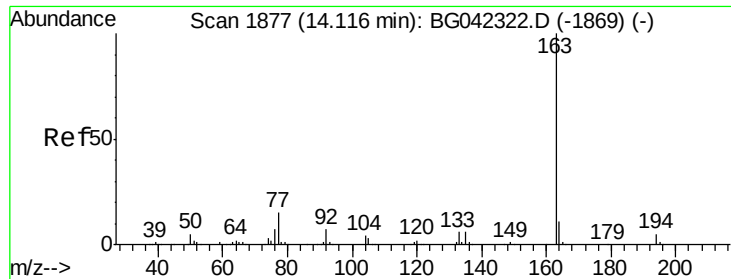
171 36.1 30.3 45.5

170 24.2 20.0 30.0



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

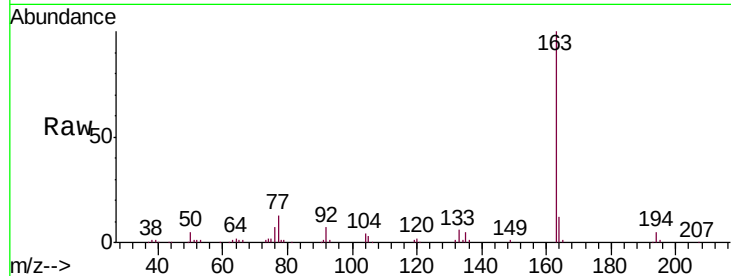




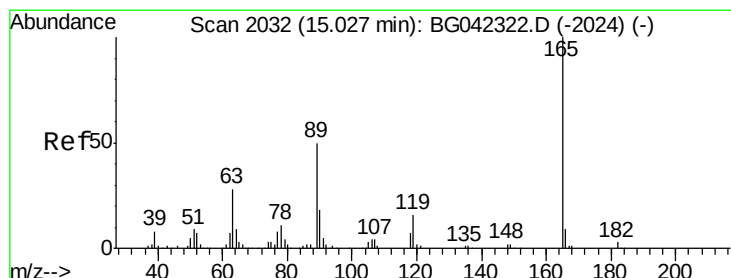
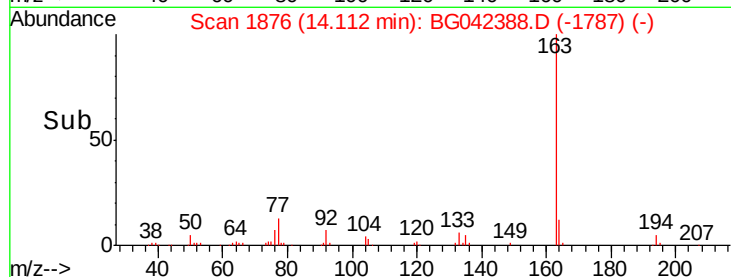
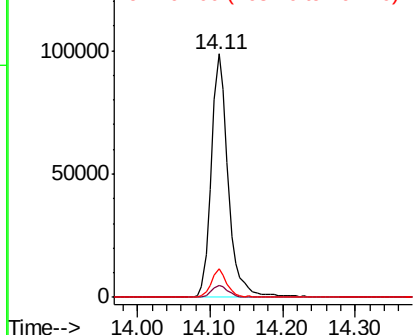
#50
Dimethylphthalate
Concen: 12.113 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 160488
Ion Ratio Lower Upper
163 100
194 4.9 4.2 6.2
164 11.8 8.8 13.2

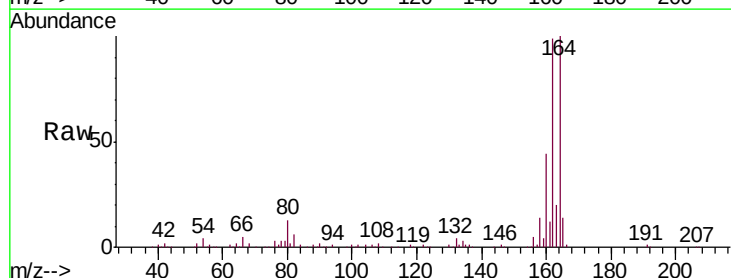


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

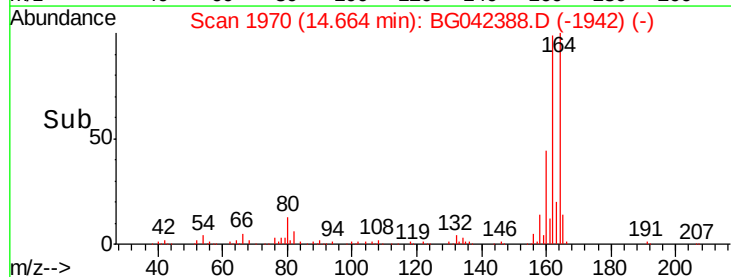
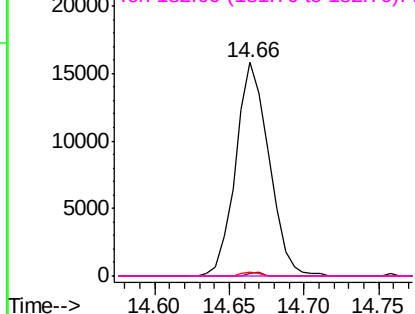


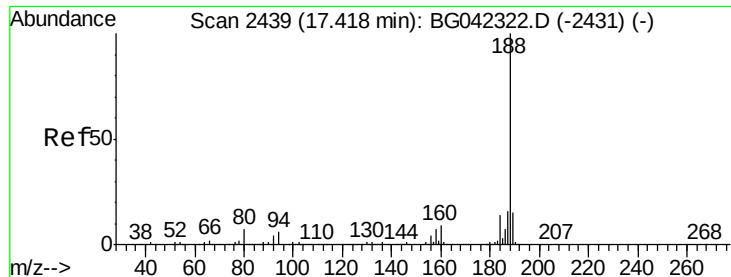
#57
2,4-Dinitrotoluene
Concen: 5.667 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG042388.D
Acq: 21 Aug 2019 18:03

Tgt Ion:165 Resp: 24570
Ion Ratio Lower Upper
165 100
63 1.4 22.4 33.6#
89 1.8 40.2 60.2#
182 0.0 2.6 3.8#



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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

Instrument :

BNA_G

ClientSampleId :

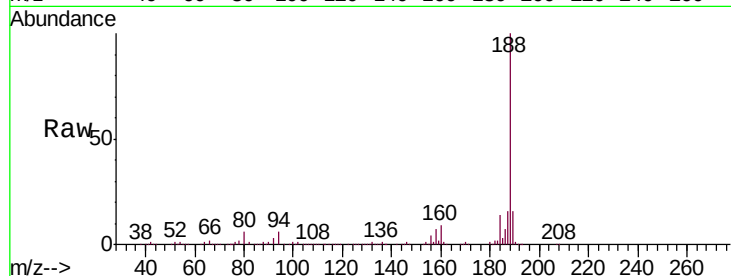
Tot Ion:188 Resp: 410951

Ion Ratio Lower Upper

188 100

94 5.7 4.9 7.3

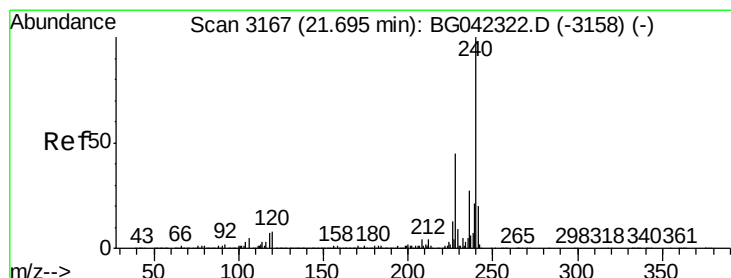
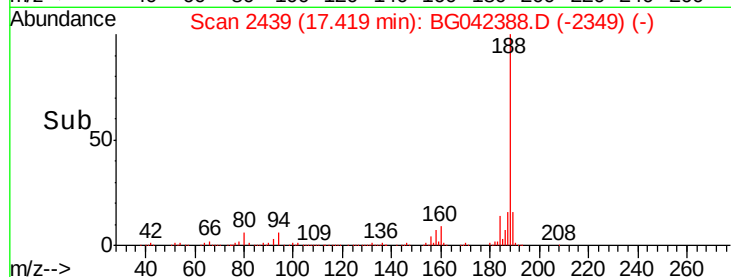
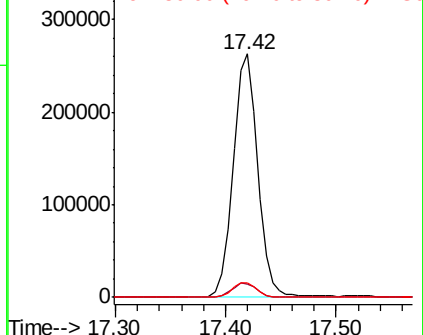
80 6.2 5.4 8.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

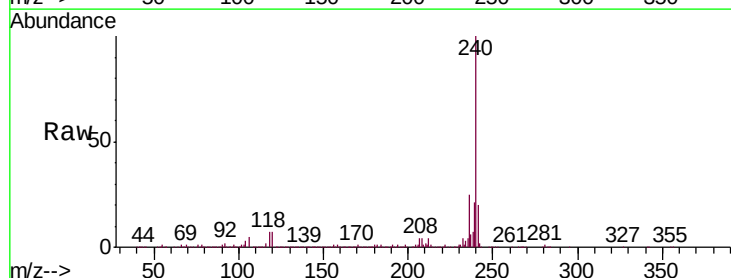
Tgt Ion:240 Resp: 411485

Ion Ratio Lower Upper

240 100

120 7.1 6.0 9.0

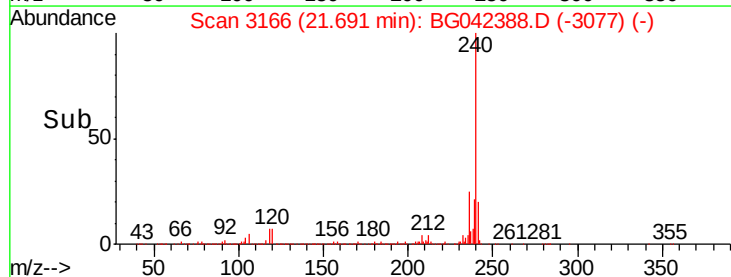
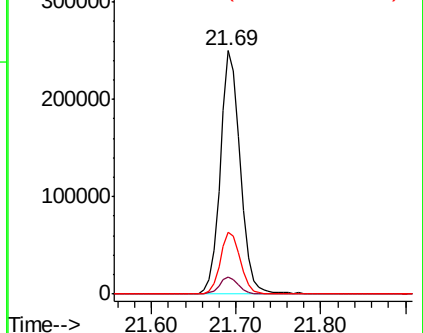
236 25.3 21.6 32.4

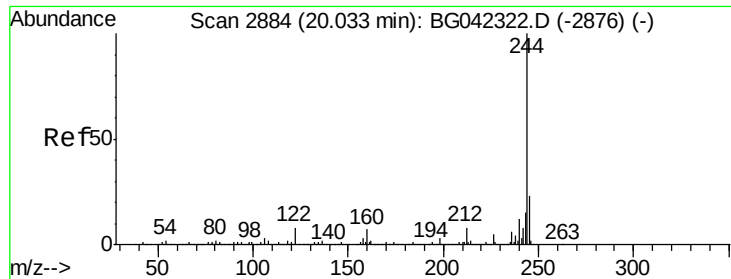


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 43.218 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

Instrument :

BNA_G

ClientSampleId :

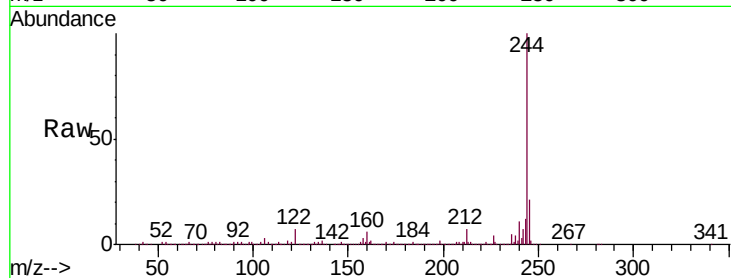
Tot Ion:244 Resp: 811929

Ion Ratio Lower Upper

244 100

212 6.9 6.4 9.6

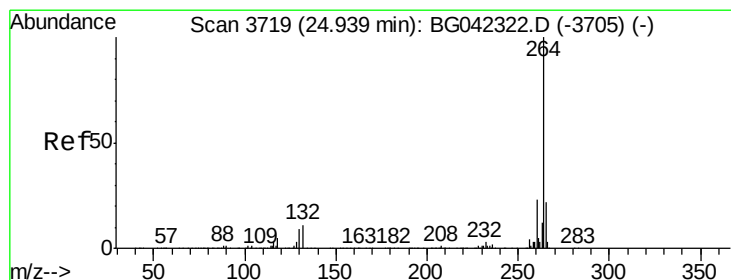
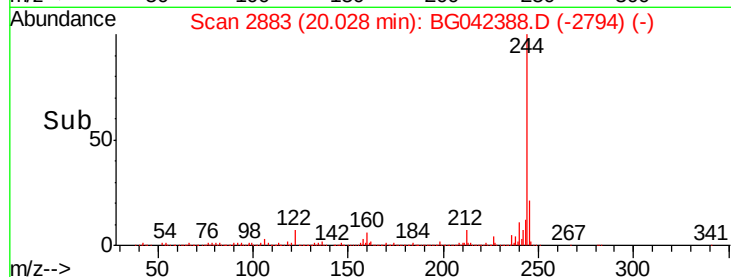
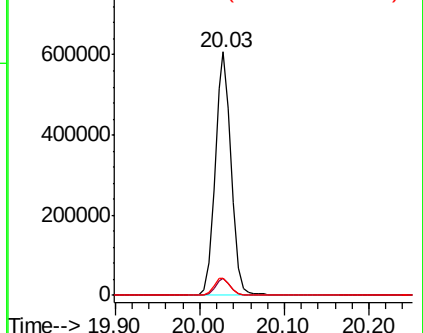
122 7.1 6.6 10.0



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: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042388.D

Acq: 21 Aug 2019 18:03

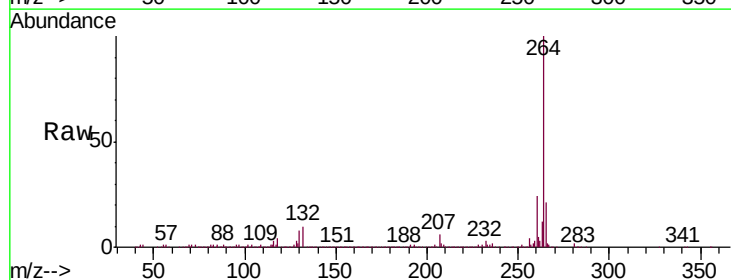
Tgt Ion:264 Resp: 483825

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 21.3 17.4 26.0



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

