

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121018\
 Data File : BG038448.D
 Acq On : 10 Dec 2018 20:57
 Operator : JU/SJ
 Sample : J6196-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-120718-C

Quant Time: Dec 11 03:51:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

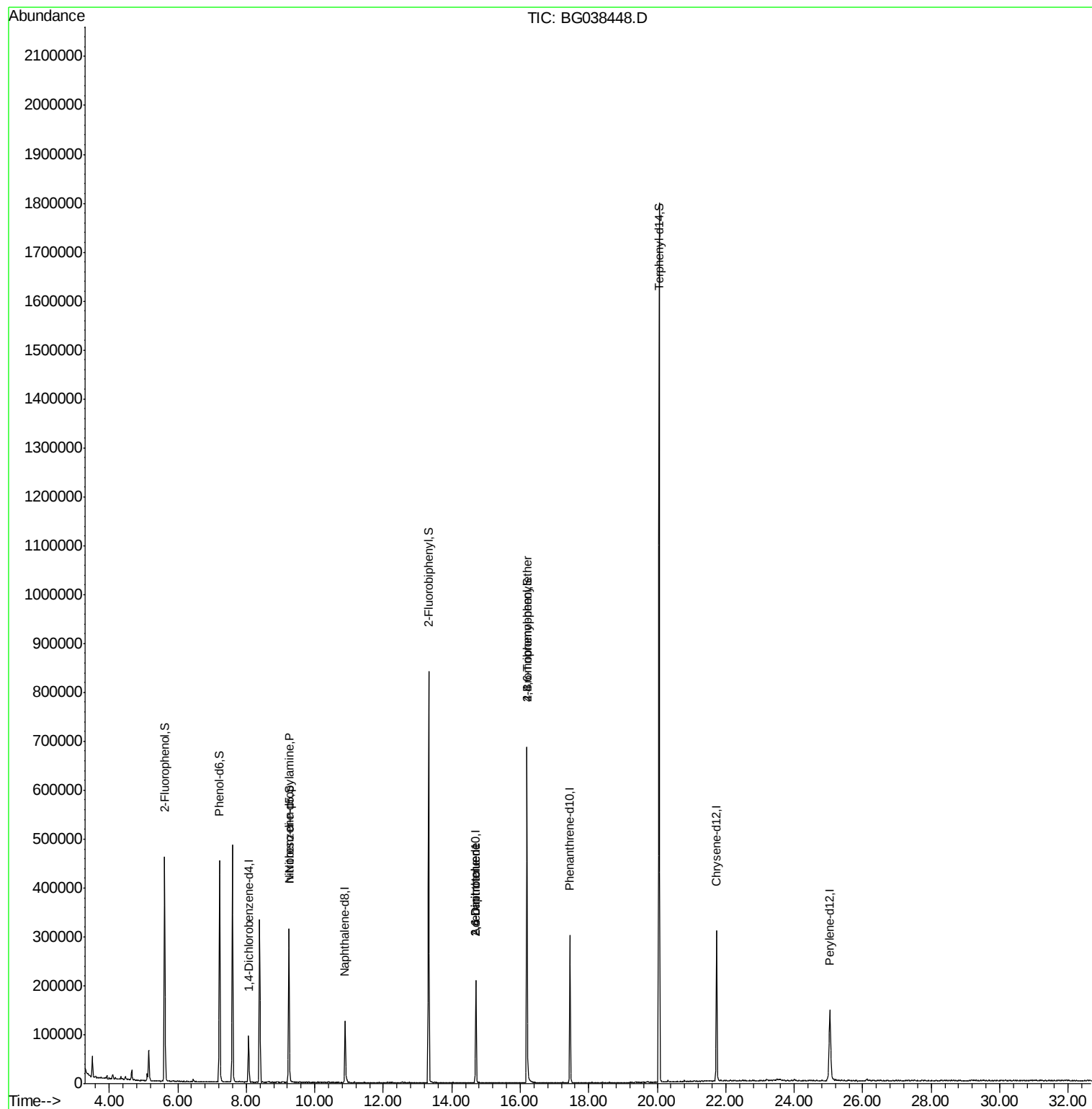
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26129	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	112955	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	75460	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	197125	20.00	ng	0.00
76) Chrysene-d12	21.73	240	193476	20.00	ng	-0.01
87) Perylene-d12	25.04	264	198584	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	202075	136.86	ng	0.00
7) Phenol-d6	7.22	99	259306	121.51	ng	0.00
23) Nitrobenzene-d5	9.24	82	191239	84.06	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	135664	146.45	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	458913	86.66	ng	0.00
79) Terphenyl-d14	20.06	244	898239	99.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	26094	15.437	ng	# 75
51) 2,6-Dinitrotoluene	14.70	165	9455	6.839	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	9455	4.958	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	9176	4.311	ng	# 1

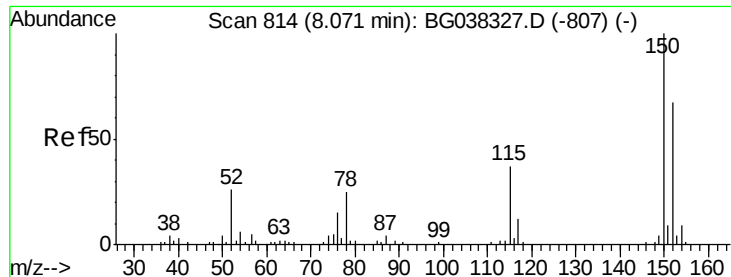
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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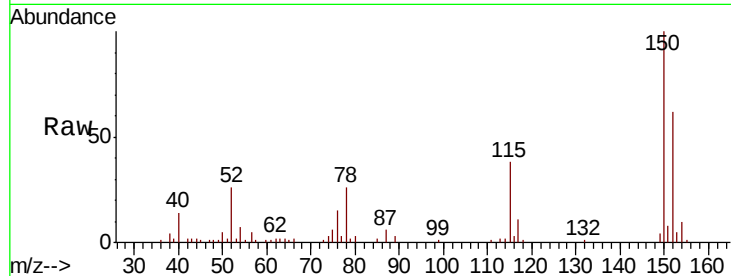


#1

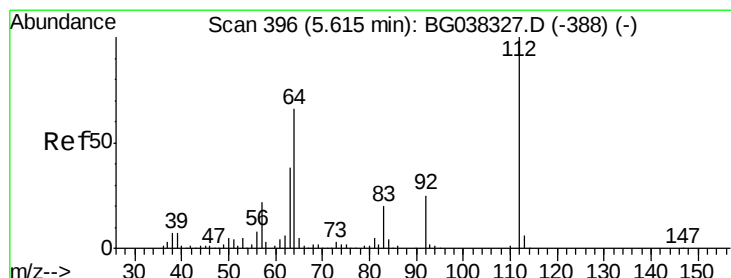
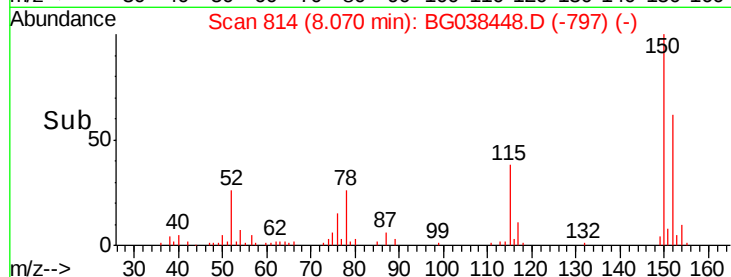
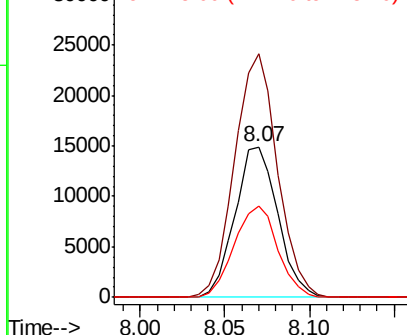
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038448.D
Acq: 10 Dec 2018 20:57

Instrument :
BNA_G
ClientSampleId :
EO-03-120718-C

Tgt Ion:152 Resp: 26129
Ion Ratio Lower Upper
152 100
150 161.6 126.0 189.0
115 60.9 45.5 68.3



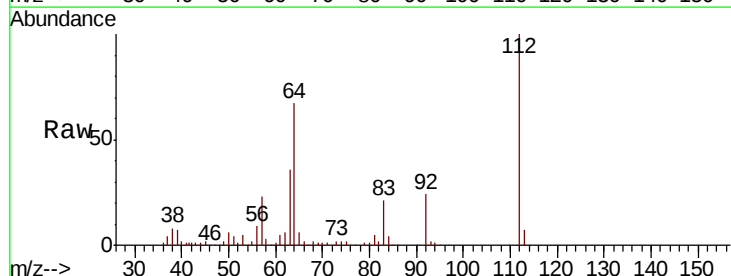
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



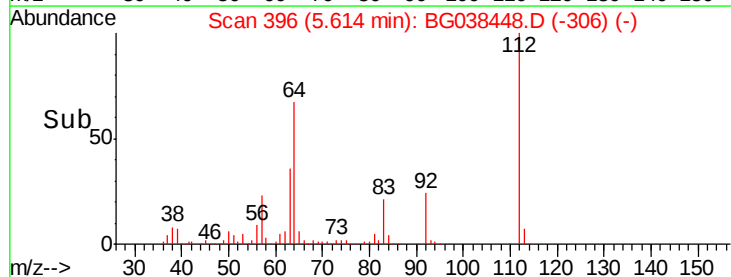
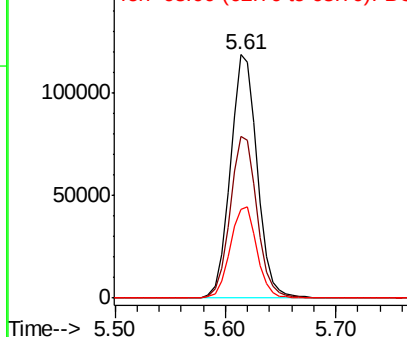
#5

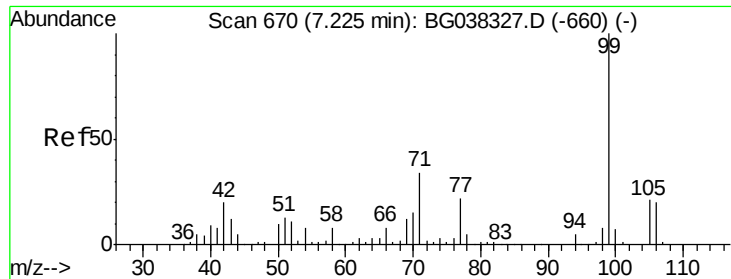
2-Fluorophenol
Concen: 136.860 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038448.D
Acq: 10 Dec 2018 20:57

Tgt Ion:112 Resp: 202075
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 36.2 27.3 40.9



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: 121.509 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038448.D

Acq: 10 Dec 2018 20:57

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-C

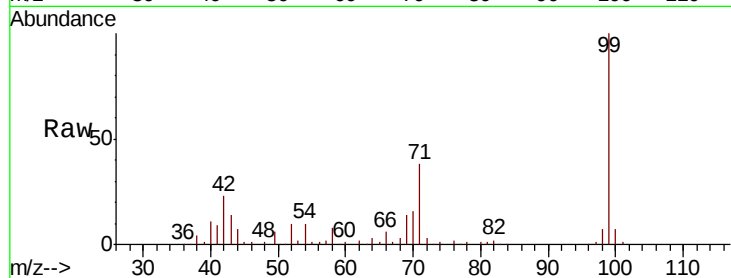
Tgt Ion: 99 Resp: 259306

Ion Ratio Lower Upper

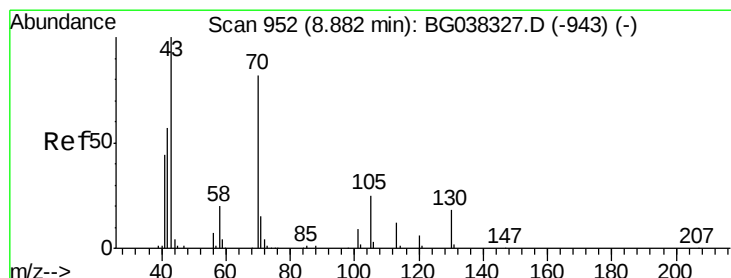
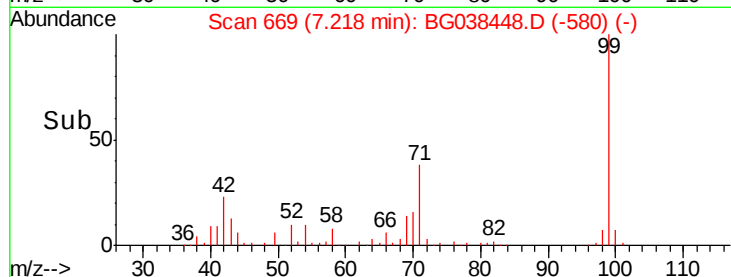
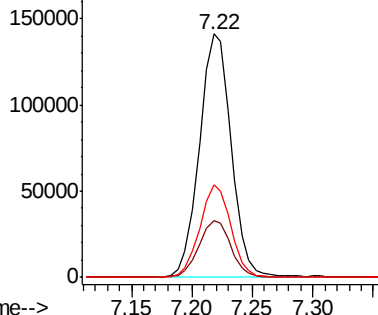
99 100

42 23.4 15.0 22.4#

71 38.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.437 ng

RT: 9.24 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038448.D

Acq: 10 Dec 2018 20:57

Tgt Ion: 70 Resp: 26094

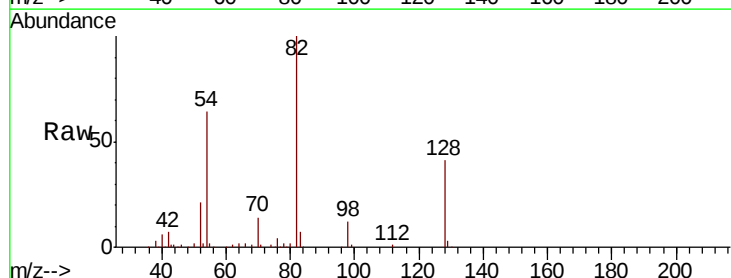
Ion Ratio Lower Upper

70 100

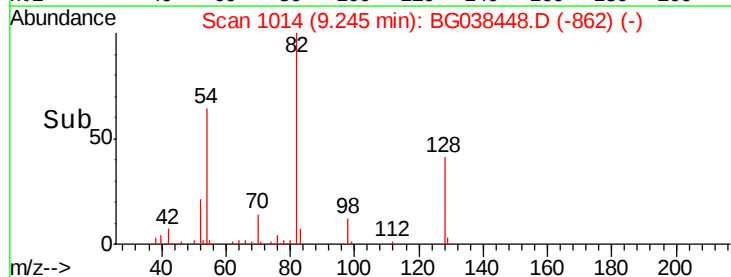
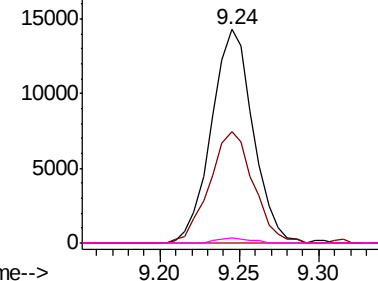
42 52.2 53.9 80.9#

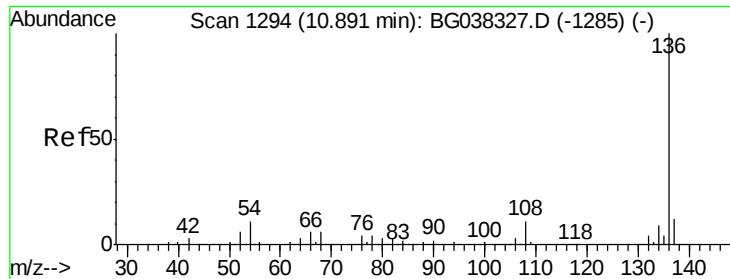
101 0.0 8.2 12.2#

130 2.2 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

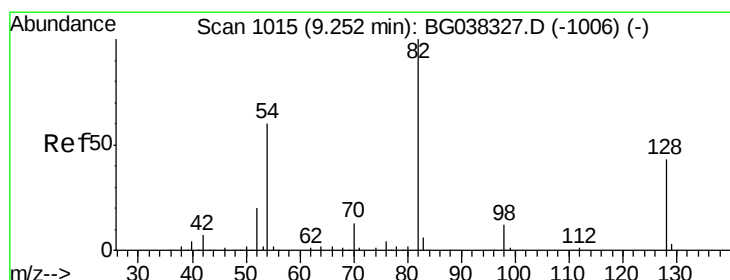
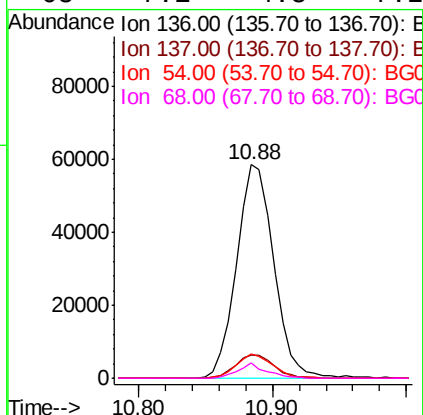
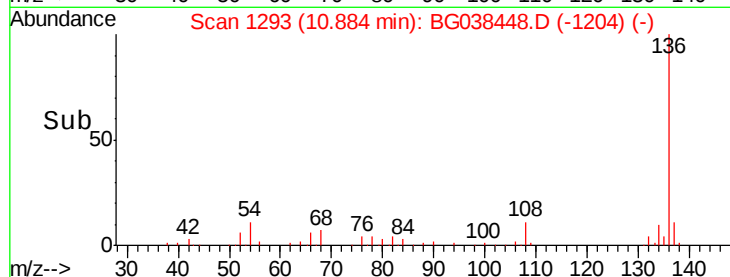
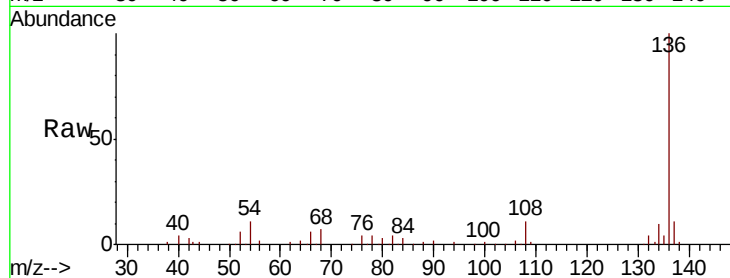




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038448.D
Acq: 10 Dec 2018 20:57

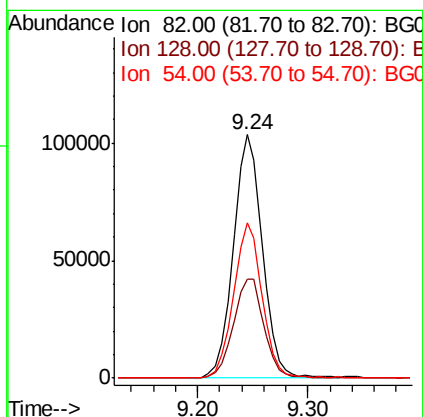
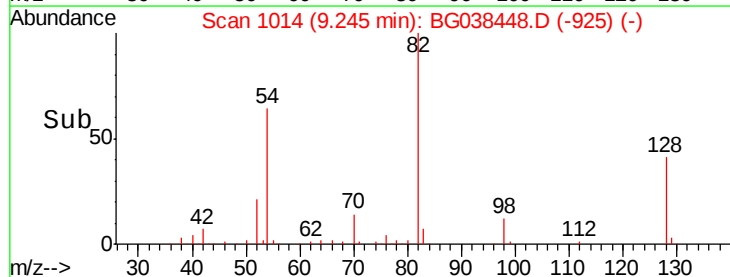
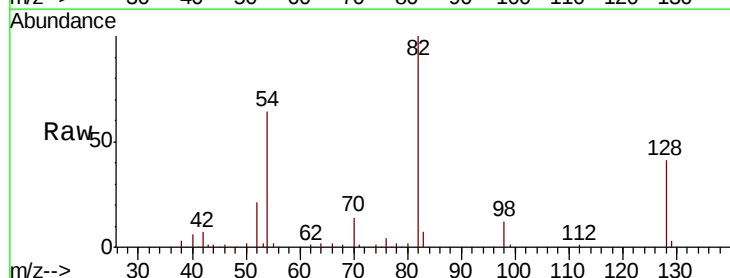
Instrument :
BNA_G
ClientSampleId :
EO-03-120718-C

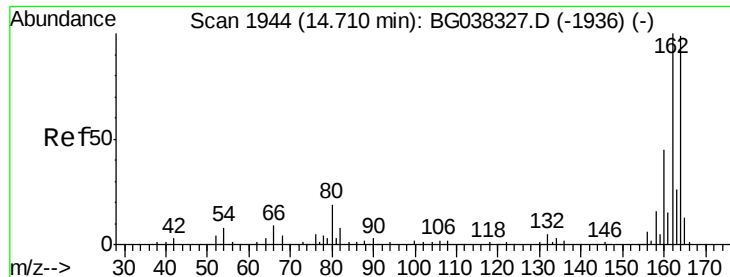
Tgt Ion:	136	Resp:	112955
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	11.3	7.9	11.9
68	7.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 84.057 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038448.D
Acq: 10 Dec 2018 20:57

Tgt Ion:	82	Resp:	191239
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	51.8
54	63.6	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038448.D

Acq: 10 Dec 2018 20:57

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-C

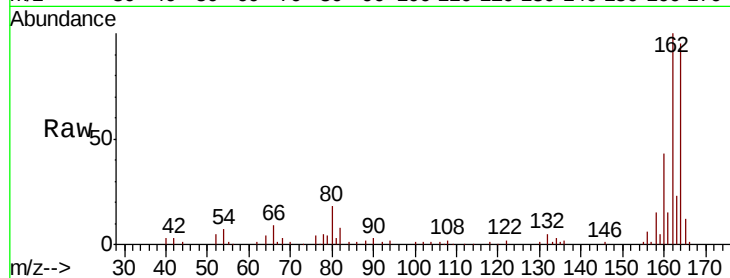
Tgt Ion:164 Resp: 75460

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

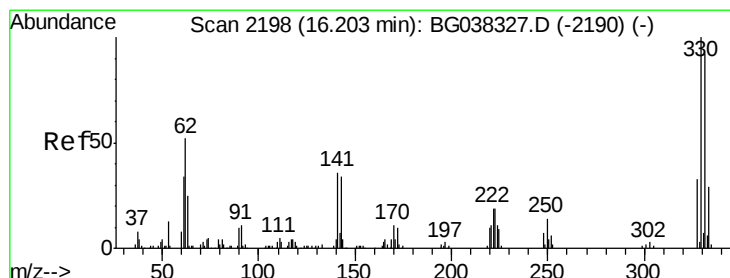
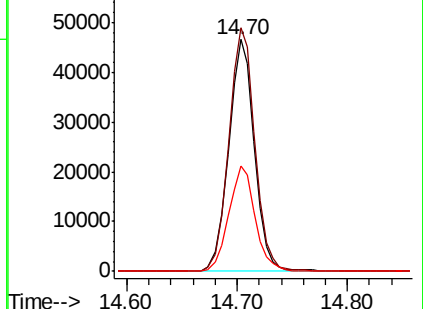
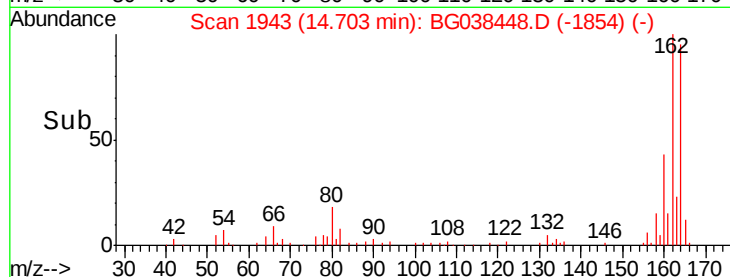
160 45.7 36.3 54.5



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: 146.448 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038448.D

Acq: 10 Dec 2018 20:57

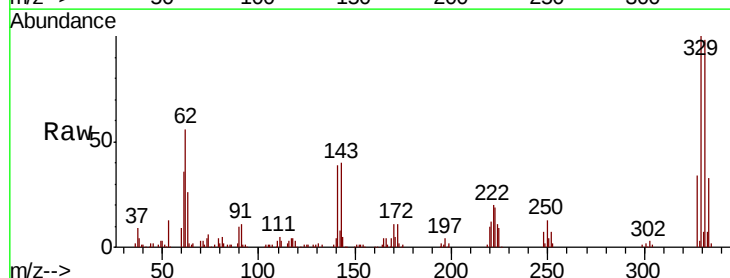
Tgt Ion:330 Resp: 135664

Ion Ratio Lower Upper

330 100

332 98.6 78.4 117.6

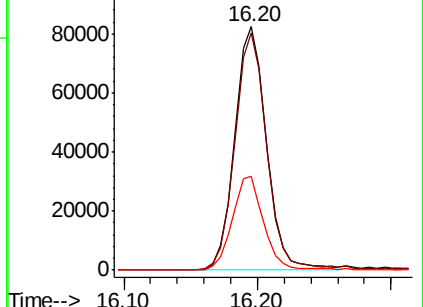
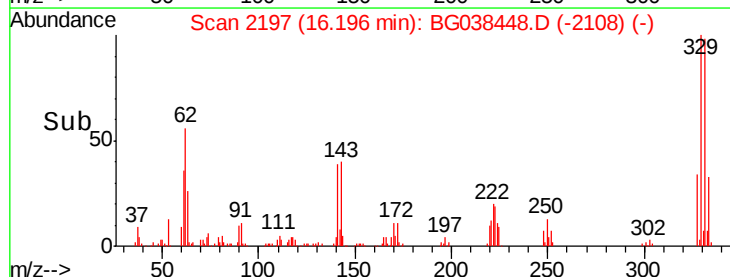
141 38.6 32.2 48.2

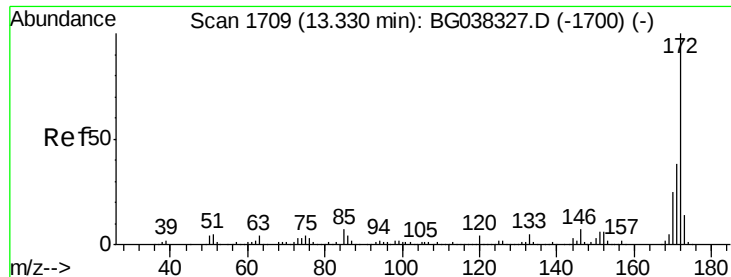


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

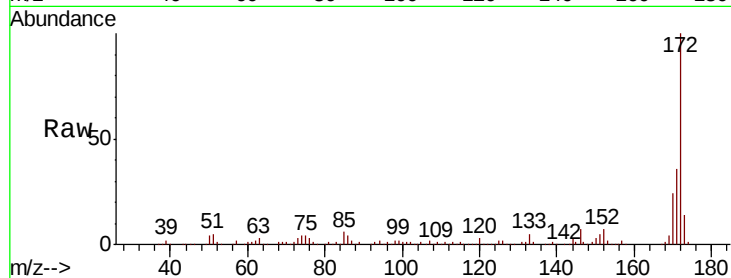




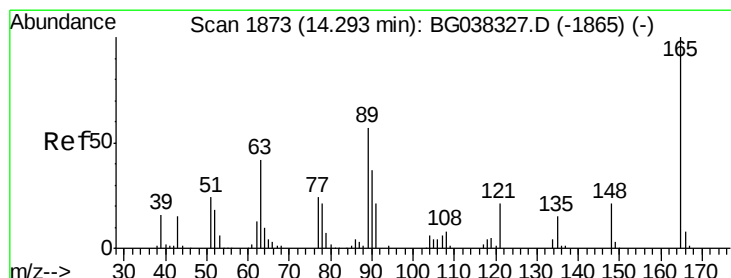
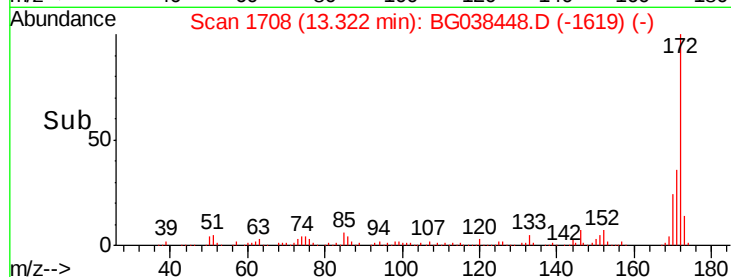
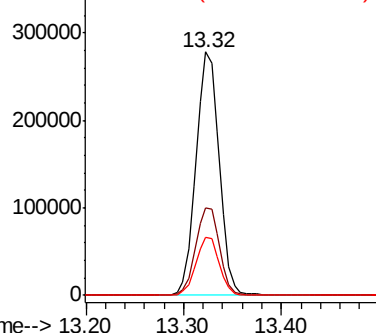
#45
 2-Fluorobiphenyl
 Concen: 86.657 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038448.D
 Acq: 10 Dec 2018 20:57

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-120718-C

Tgt Ion:172 Resp: 458913
 Ion Ratio Lower Upper
 172 100
 171 35.8 31.0 46.4
 170 24.0 20.2 30.2

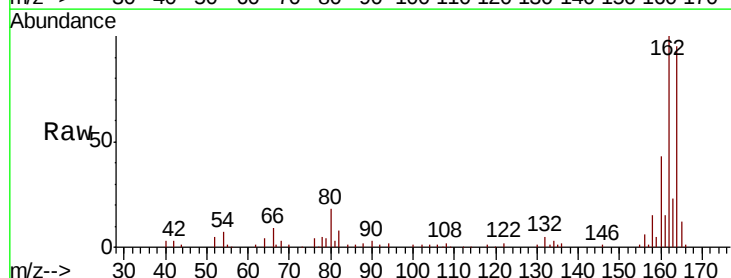


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

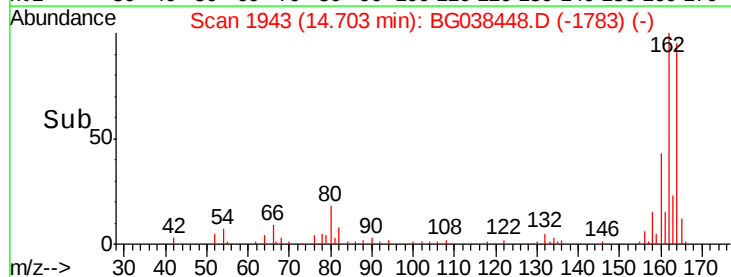
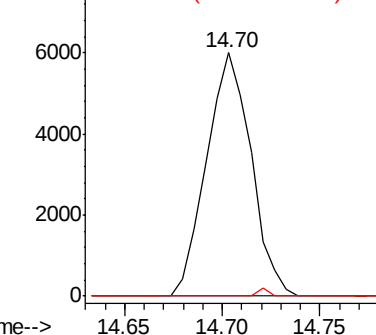


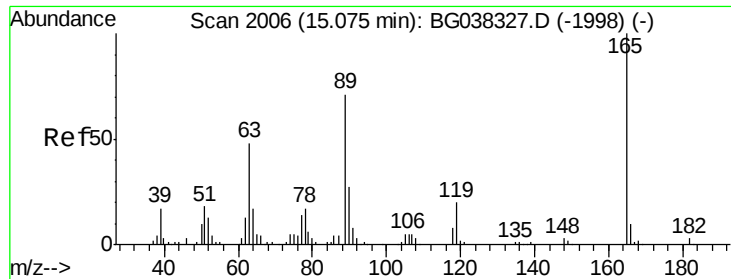
#51
 2,6-Dinitrotoluene
 Concen: 6.839 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038448.D
 Acq: 10 Dec 2018 20:57

Tgt Ion:165 Resp: 9455
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#



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

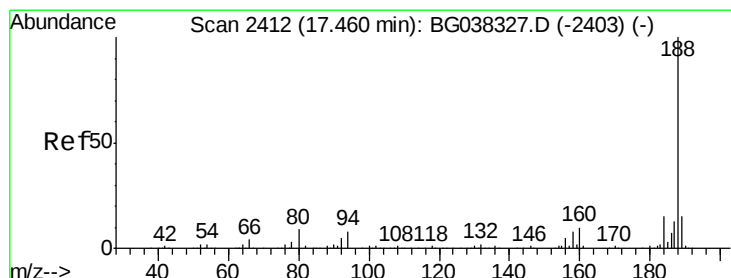
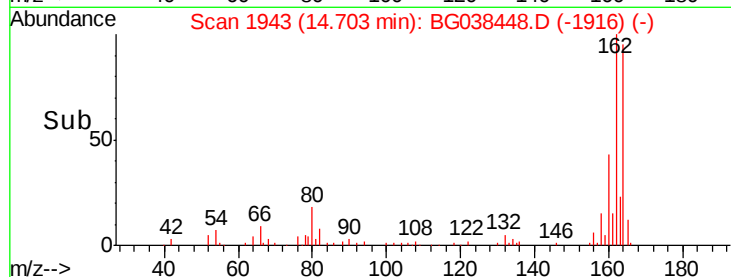
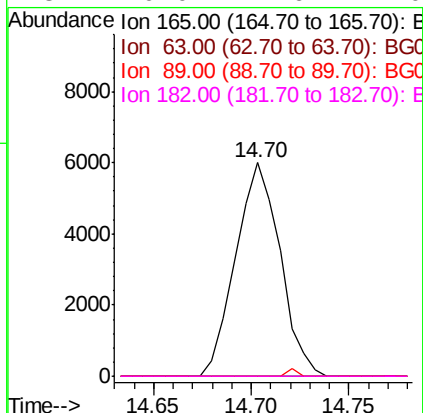
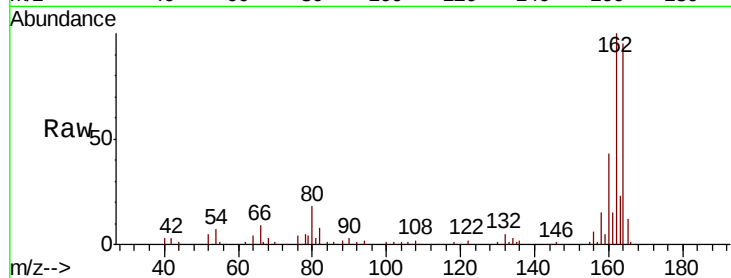




#57
 2,4-Dinitrotoluene
 Concen: 4.958 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038448.D
 Acq: 10 Dec 2018 20:57

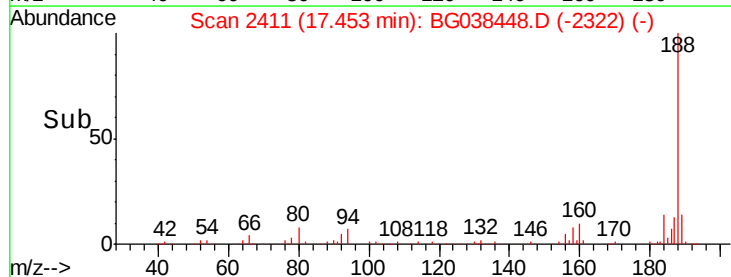
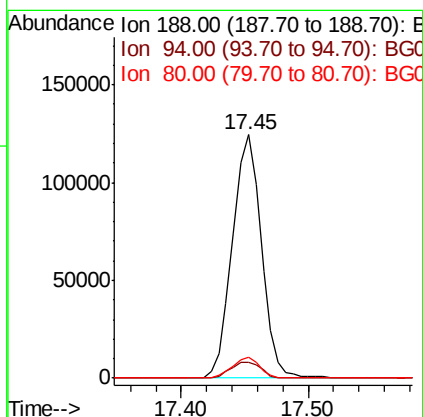
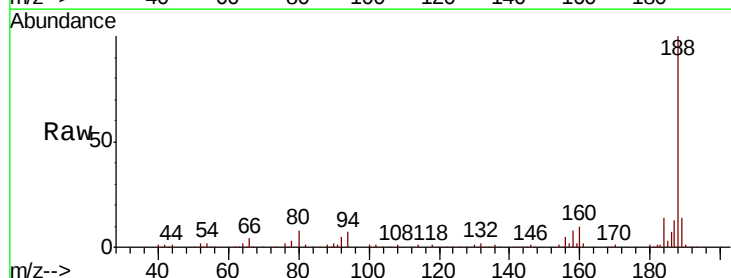
Instrument :
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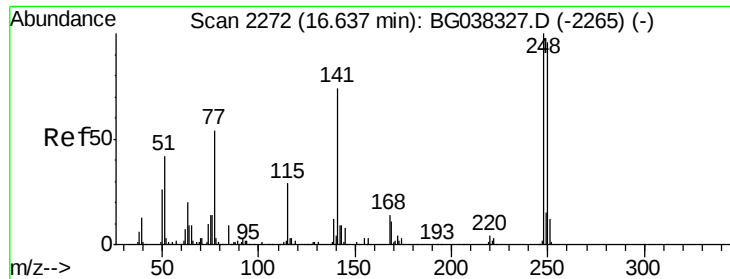
Tgt Ion:165 Resp: 9455
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 0.0 57.2 85.8#
 182 0.0 2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038448.D
 Acq: 10 Dec 2018 20:57

Tgt Ion:188 Resp: 197125
 Ion Ratio Lower Upper
 188 100
 94 6.5 7.2 10.8#
 80 8.4 7.7 11.5

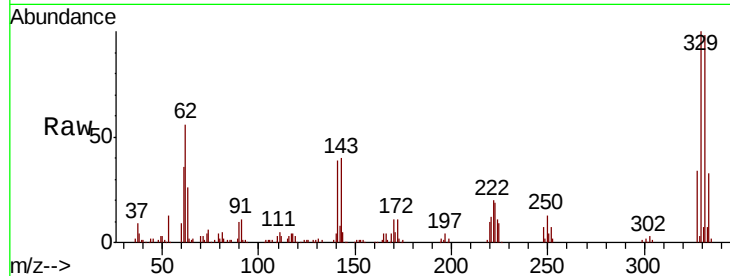




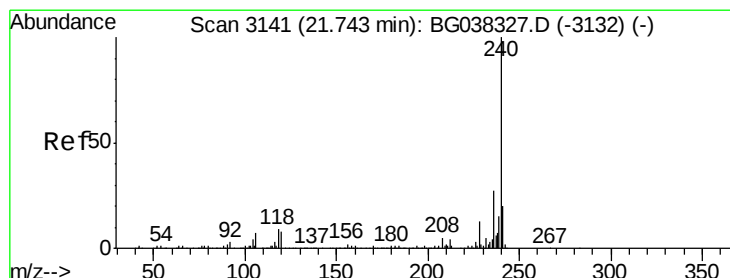
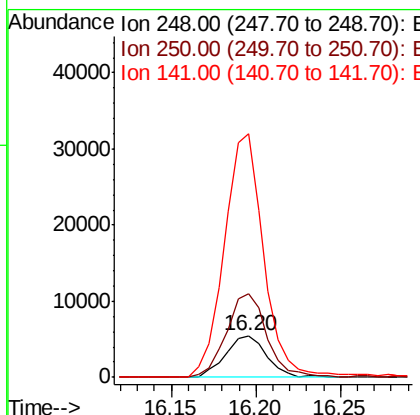
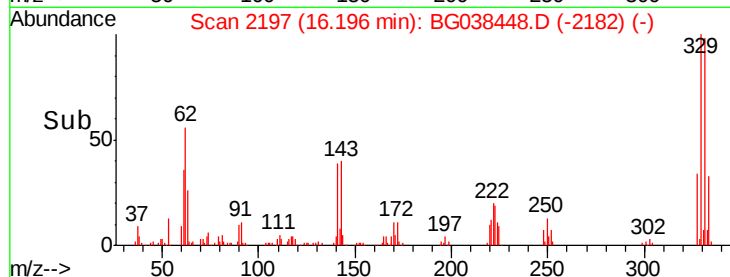
#67
 4-Bromophenyl-phenylether
 Concen: 4.311 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038448.D
 Acq: 10 Dec 2018 20:57

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-120718-C

Tgt Ion:248 Resp: 9176
 Ion Ratio Lower Upper
 248 100
 250 196.1 77.0 115.6#
 141 437.8 55.5 83.3#

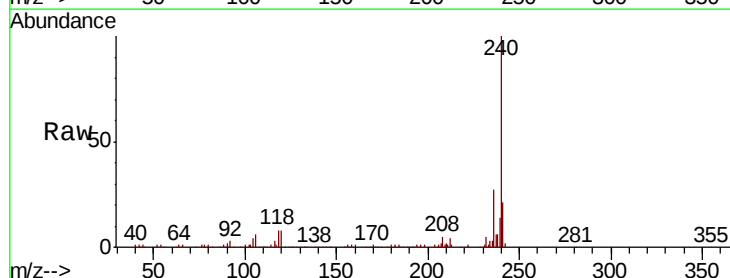


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

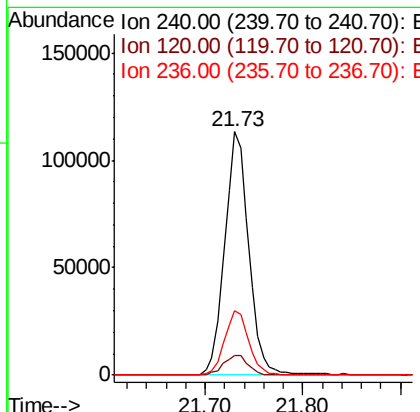
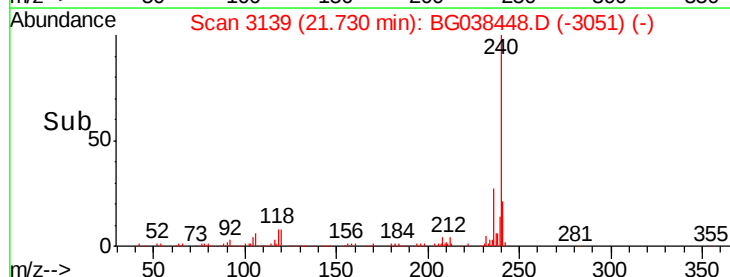


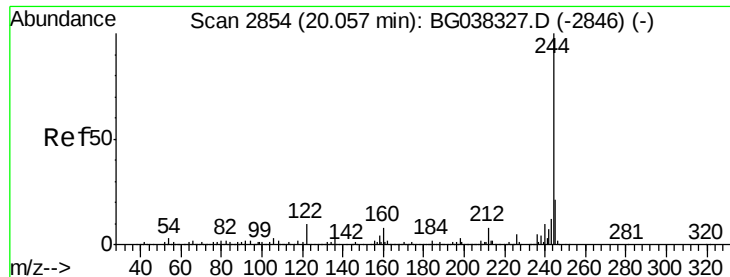
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038448.D
 Acq: 10 Dec 2018 20:57

Tgt Ion:240 Resp: 193476
 Ion Ratio Lower Upper
 240 100
 120 8.0 8.1 12.1#
 236 26.7 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: 99.457 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038448.D

Acq: 10 Dec 2018 20:57

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-C

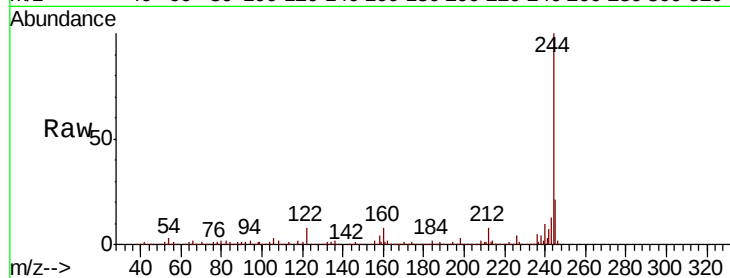
Tgt Ion:244 Resp: 898239

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 7.8 9.0 13.4#

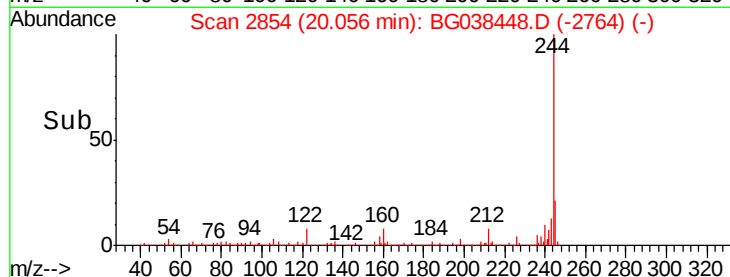


Abundance Ion 244.00 (243.70 to 244.70): E

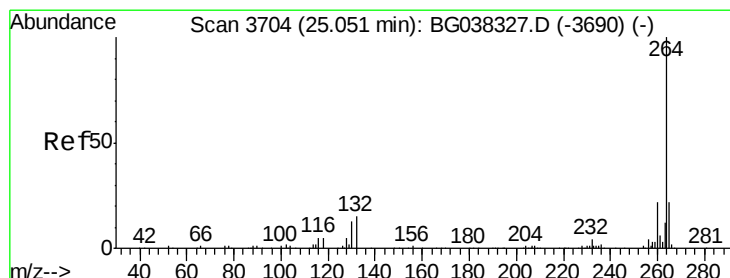
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.06



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038448.D

Acq: 10 Dec 2018 20:57

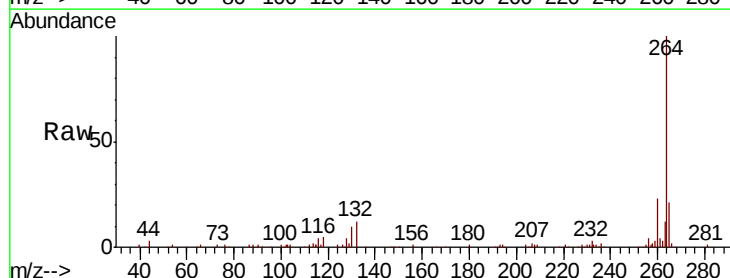
Tgt Ion:264 Resp: 198584

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 20.5 17.9 26.9

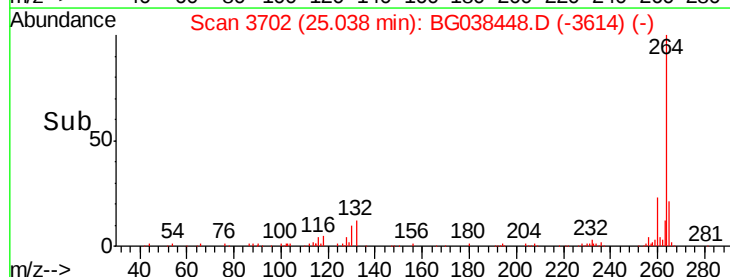


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.04



Time-->