

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043333.D
 Acq On : 24 Oct 2019 16:15
 Operator : JU
 Sample : K5490-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEARWELL

Quant Time: Nov 05 03:06:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

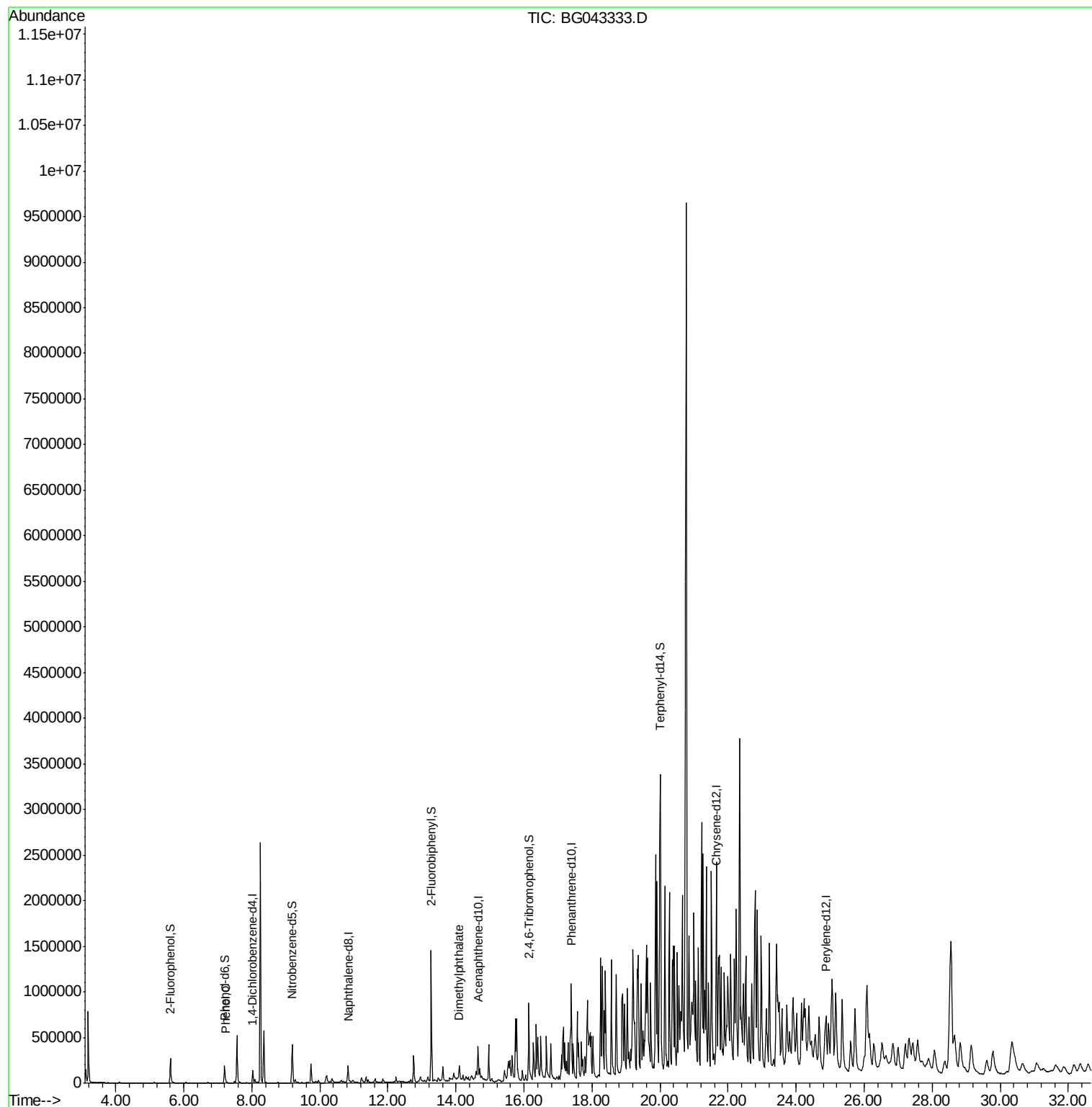
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43137	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	170261	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	123831	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	268646	20.00	ng	0.00
76) Chrysene-d12	21.67	240	318081	20.00	ng	0.00
87) Perylene-d12	24.87	264	376761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	139064	59.07	ng	0.00
7) Phenol-d6	7.20	99	129730	38.30	ng	0.00
23) Nitrobenzene-d5	9.18	82	286580	86.78	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	201506	85.51	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	813085	90.73	ng	0.00
79) Terphenyl-d14	20.01	244	1441883	85.04	ng	0.00
Target Compounds						
10) Phenol	7.23	94	8376	2.706	ng	85
50) Dimethylphthalate	14.10	163	75157	7.836	ng	# 97

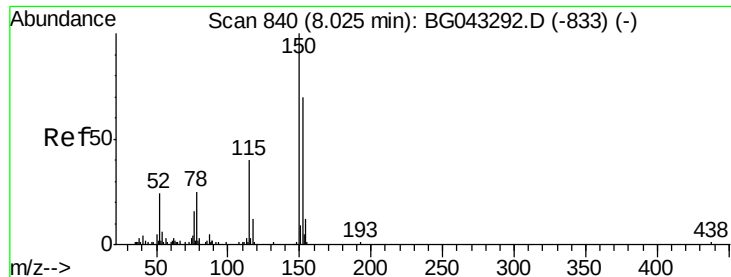
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

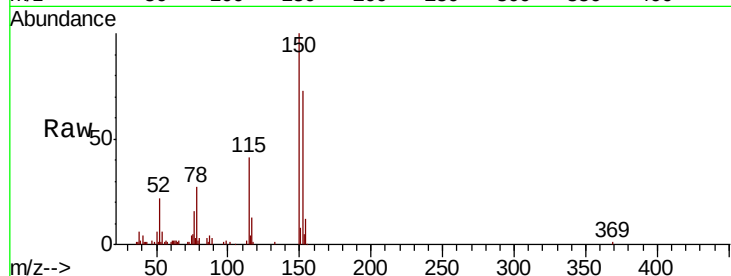
Tot Ion:152 Resp: 43137

Ion Ratio Lower Upper

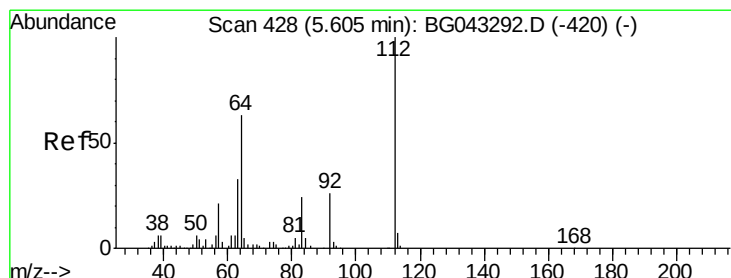
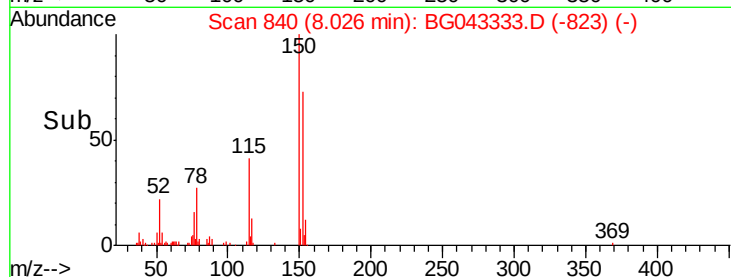
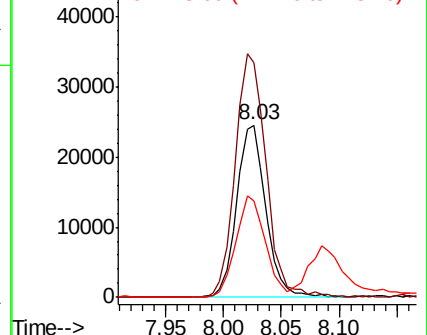
152 100

150 136.2 113.6 170.4

115 56.0 45.9 68.9



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: 59.074 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

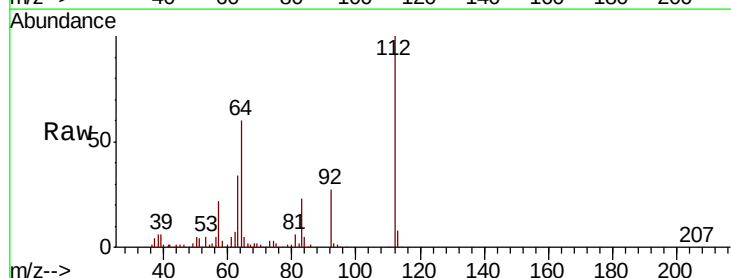
Tgt Ion:112 Resp: 139064

Ion Ratio Lower Upper

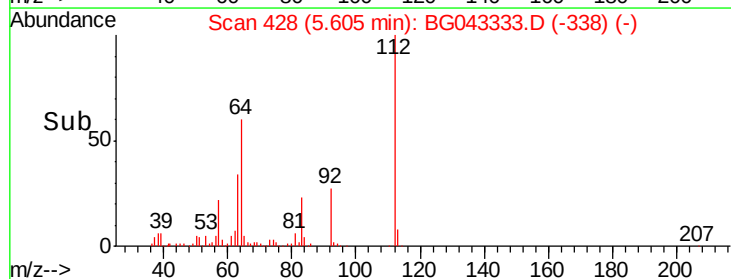
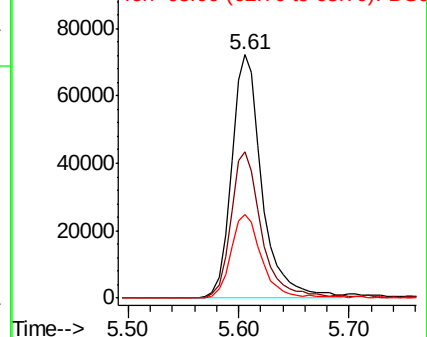
112 100

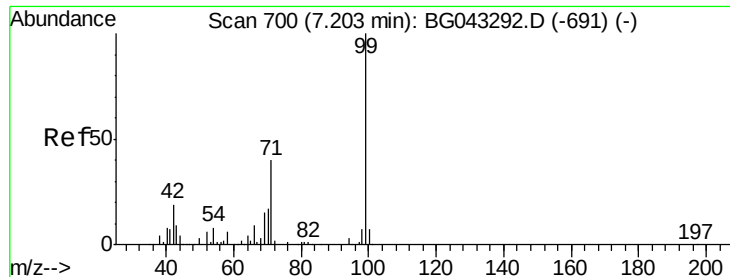
64 60.3 50.2 75.2

63 34.4 26.7 40.1



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: 38.303 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

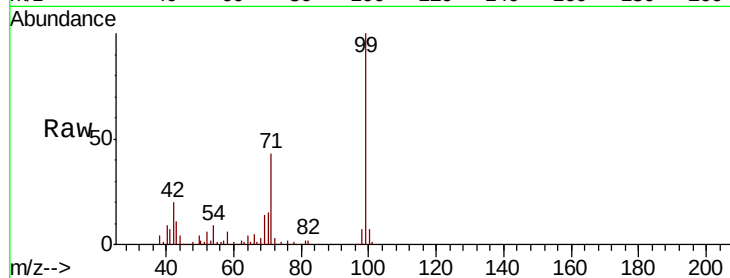
Tot Ion: 99 Resp: 129730

Ion Ratio Lower Upper

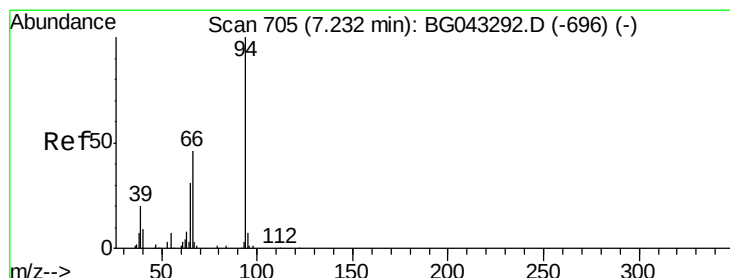
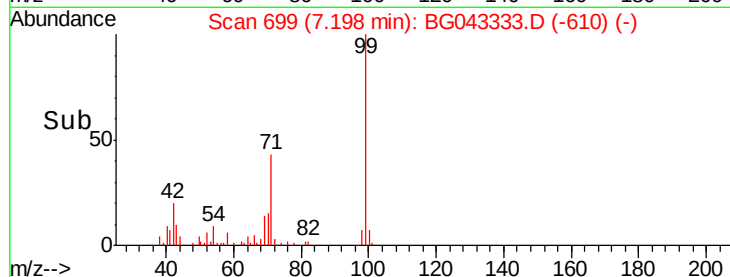
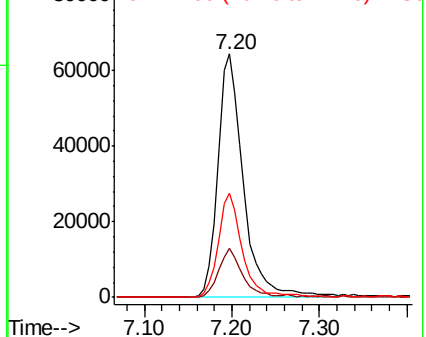
99 100

42 20.0 14.9 22.3

71 42.6 32.2 48.2



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: 2.706 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

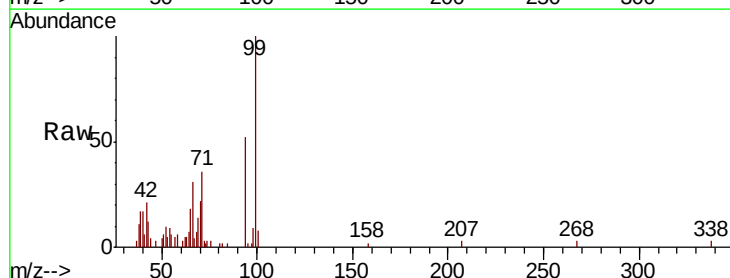
Tgt Ion: 94 Resp: 8376

Ion Ratio Lower Upper

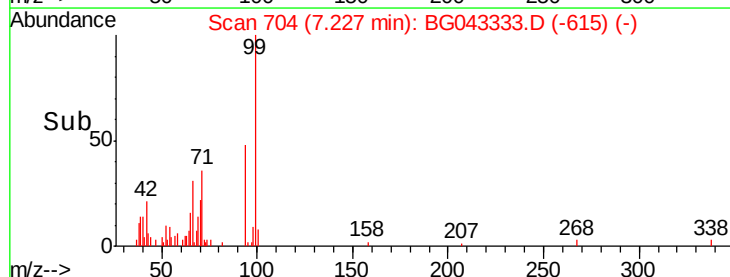
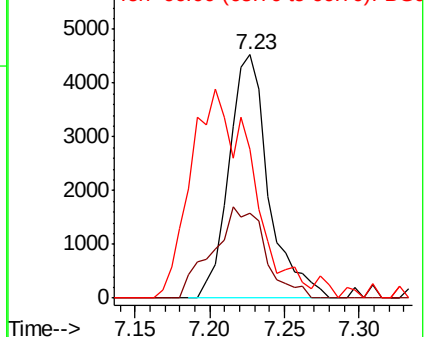
94 100

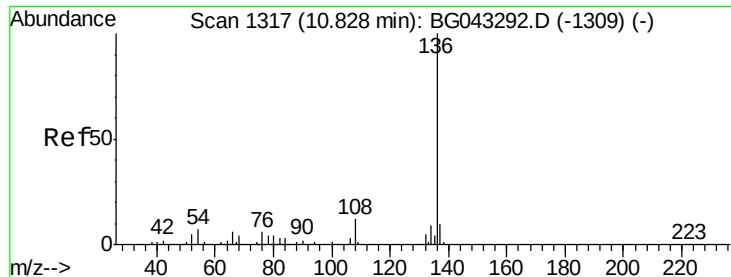
65 34.9 11.1 51.1

66 61.0 27.8 67.8



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

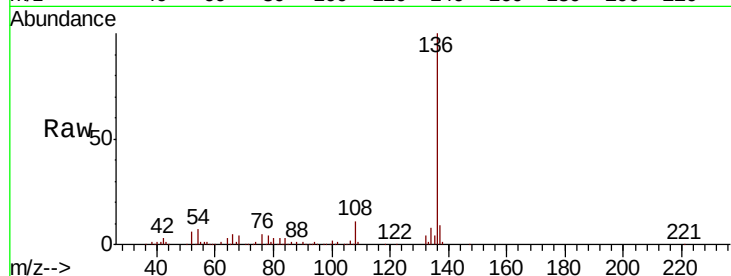




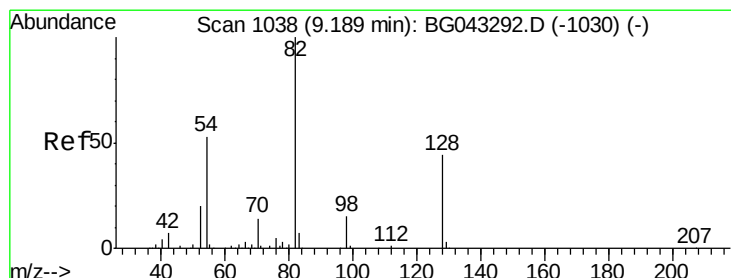
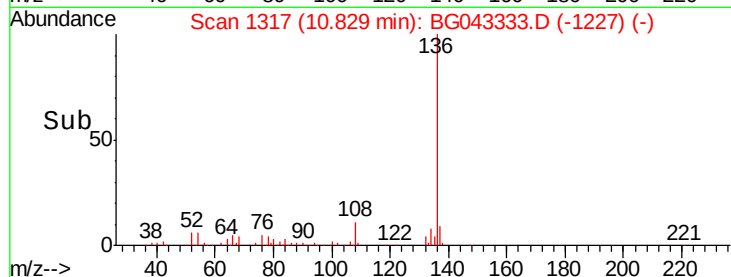
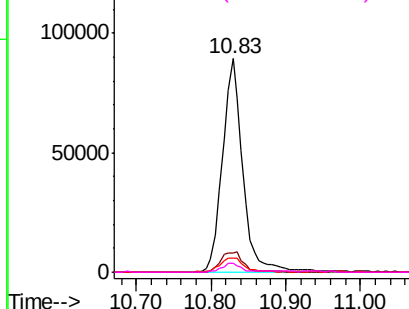
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043333.D
Acq: 24 Oct 2019 16:15

Instrument :
BNA_G
ClientSampleId :
CLEARWELL

Tot Ion:136	Resp:	170261
Ion	Ratio	Lower Upper
136	100	
137	8.8	8.2 12.2
54	6.6	5.4 8.2
68	4.0	3.3 4.9

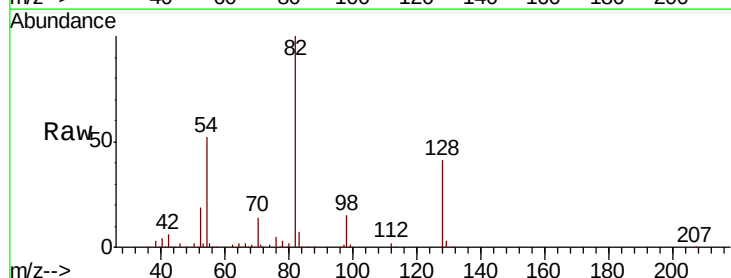


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

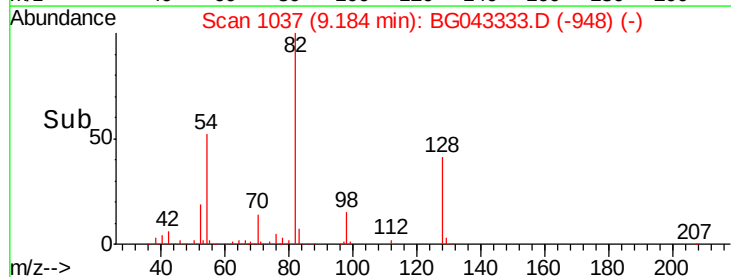
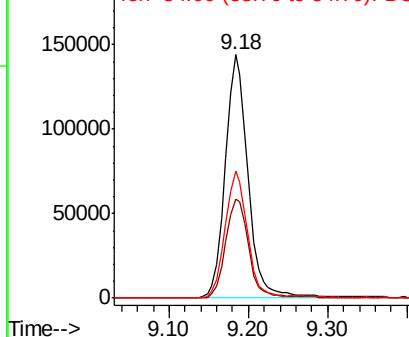


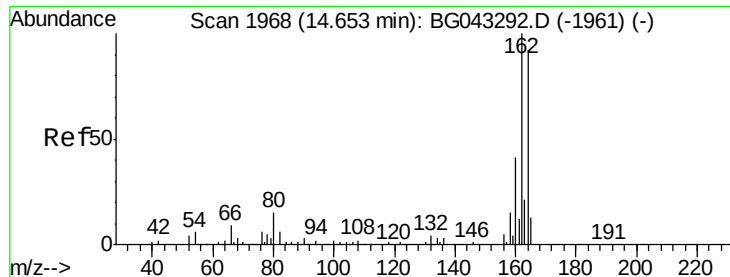
#23
Nitrobenzene-d5
Concen: 86.776 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043333.D
Acq: 24 Oct 2019 16:15

Tgt Ion: 82	Resp:	286580
Ion	Ratio	Lower Upper
82	100	
128	40.8	35.3 52.9
54	52.1	42.3 63.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

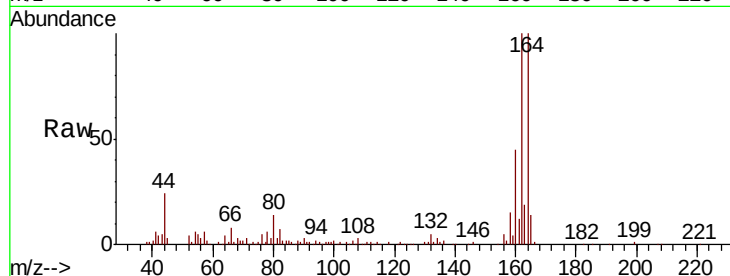
Tot Ion:164 Resp: 123831

Ion Ratio Lower Upper

164 100

162 99.9 87.0 130.4

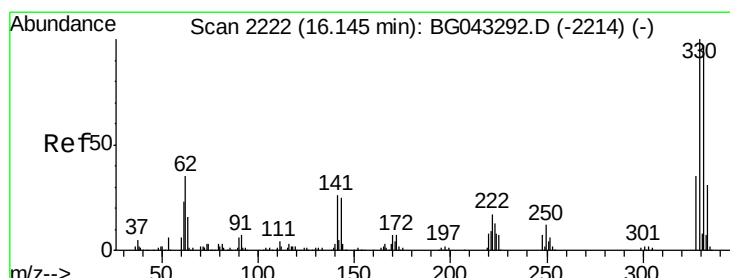
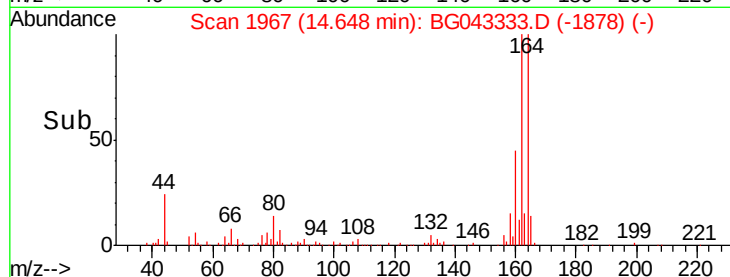
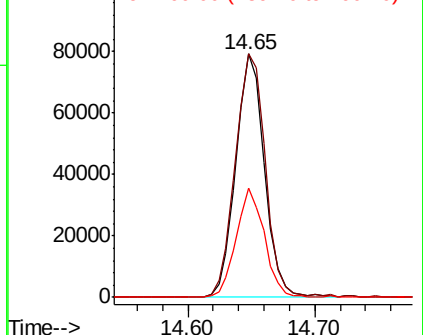
160 44.7 35.5 53.3



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: 85.510 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

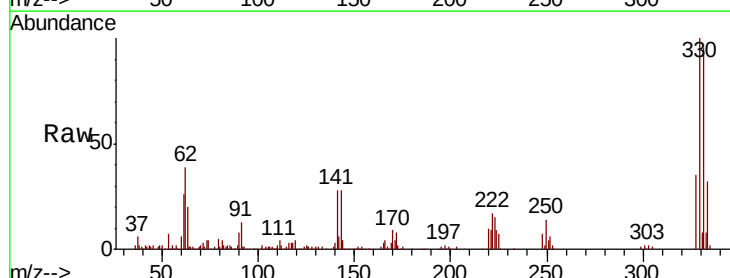
Tgt Ion:330 Resp: 201506

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

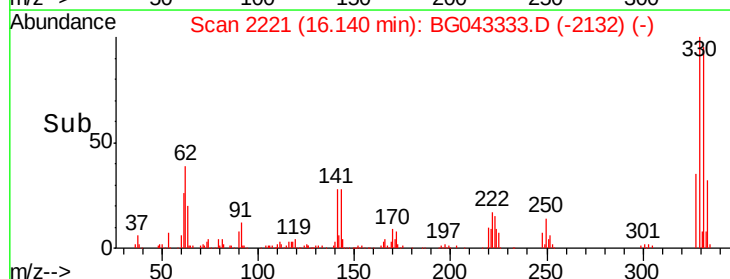
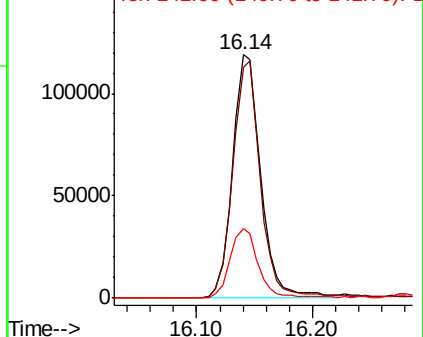
141 28.9 21.4 32.0

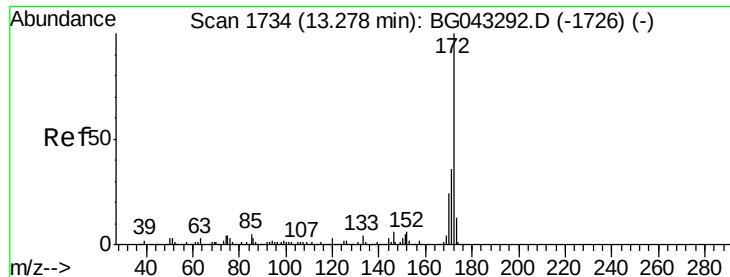


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

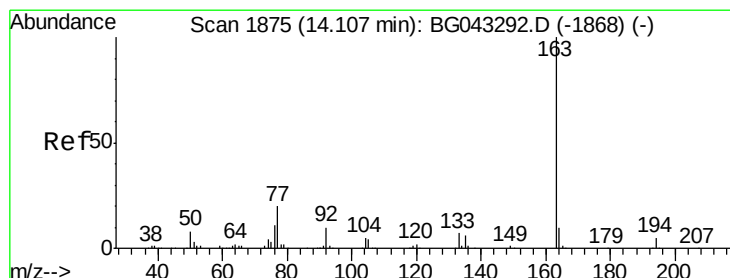
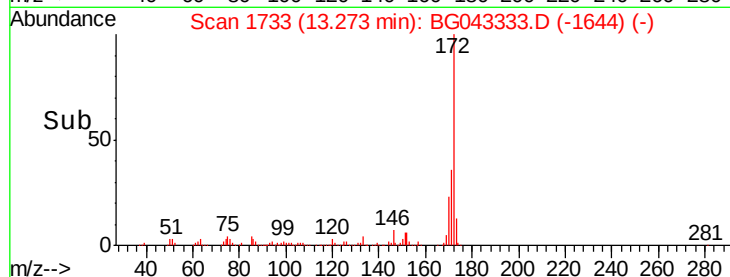
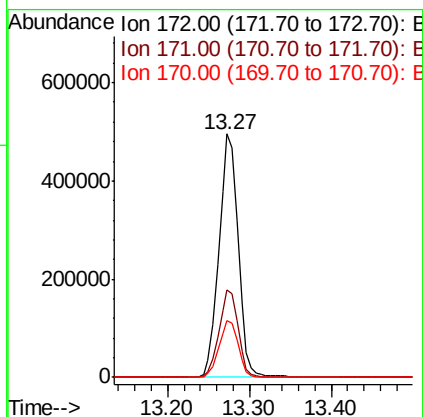
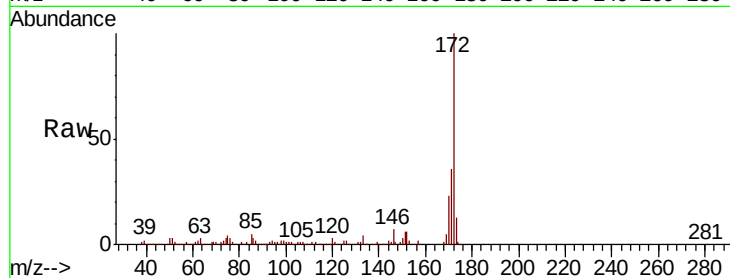




#45
2-Fluorobiphenyl
Concen: 90.730 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043333.D
Acq: 24 Oct 2019 16:15

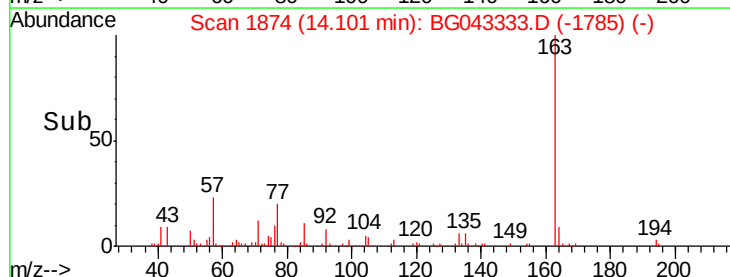
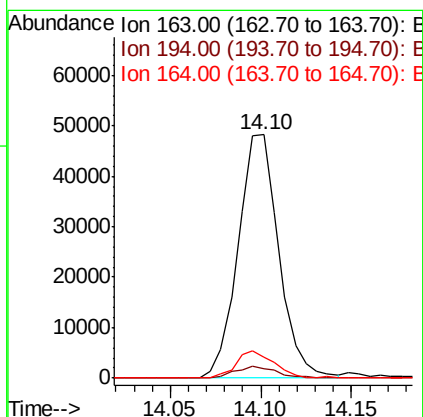
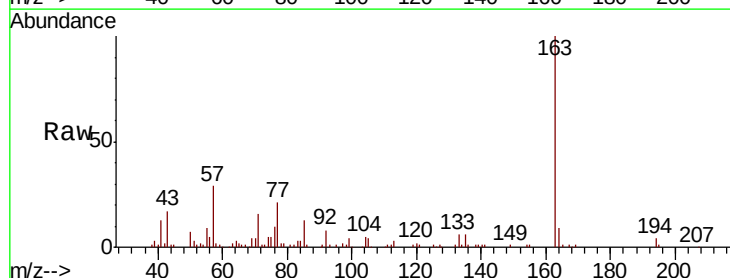
Instrument :
BNA_G
ClientSampleId :
CLEARWELL

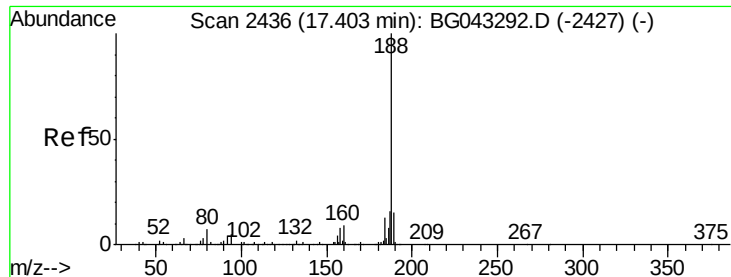
Tot Ion:172 Resp: 813085
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.2 18.8 28.2



#50
Dimethylphthalate
Concen: 7.836 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043333.D
Acq: 24 Oct 2019 16:15

Tgt Ion:163 Resp: 75157
Ion Ratio Lower Upper
163 100
194 3.6 3.7 5.5#
164 8.8 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

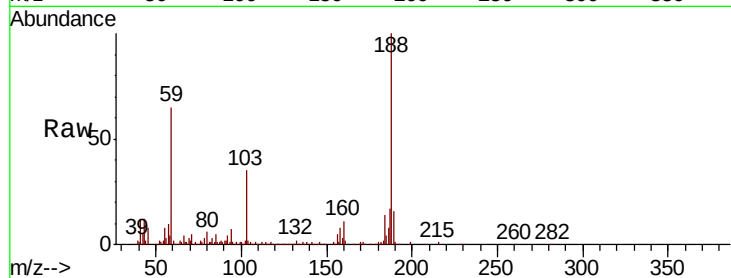
Tot Ion:188 Resp: 268646

Ion Ratio Lower Upper

188 100

94 6.6 4.2 6.2#

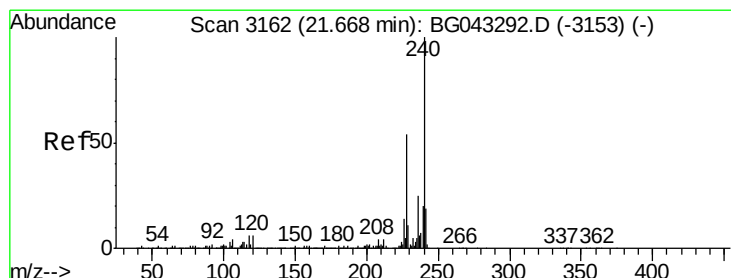
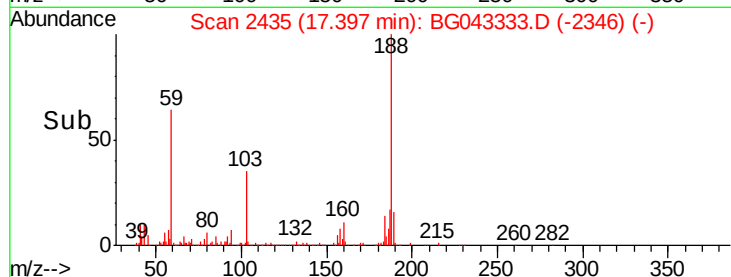
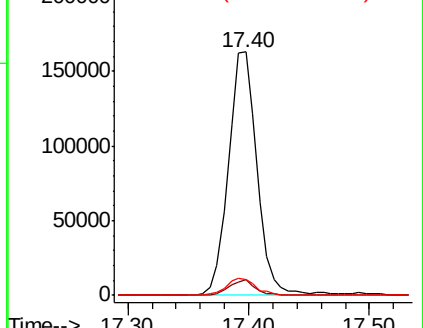
80 6.3 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG043333.D (-2427) (-)

Ion 80.00 (79.70 to 80.70): BG043333.D (-2427) (-)



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

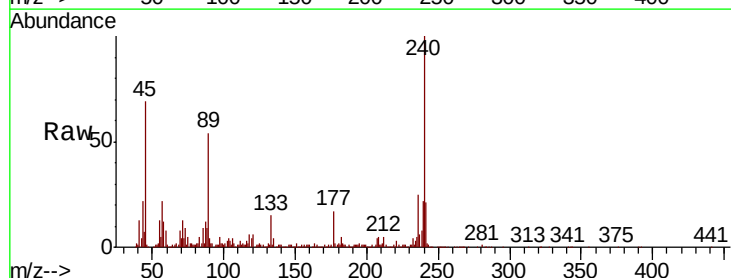
Tgt Ion:240 Resp: 318081

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

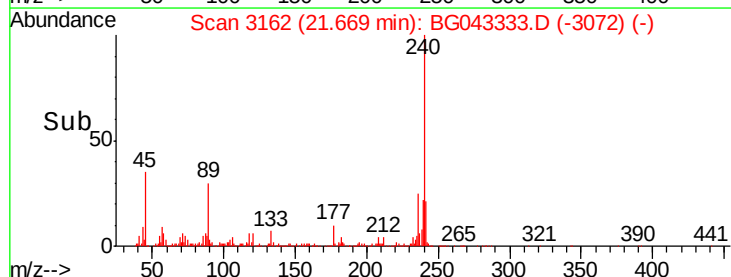
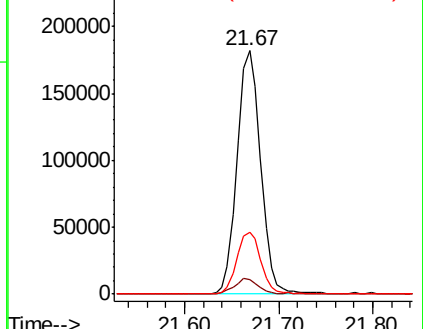
236 25.4 20.2 30.4

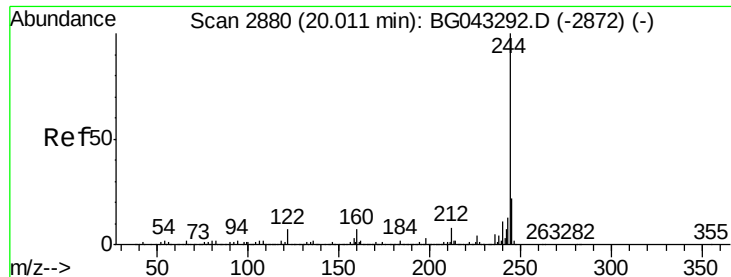


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.043 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

Instrument :

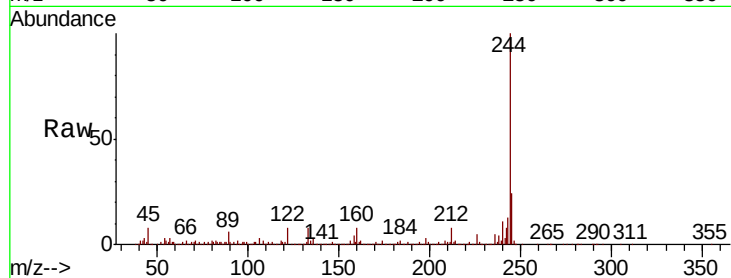
BNA_G

ClientSampleId :

CLEARWELL

Tot Ion:244 Resp: 1441883

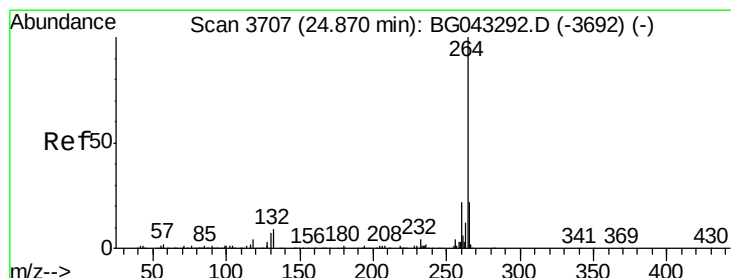
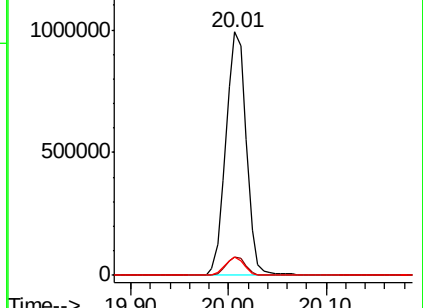
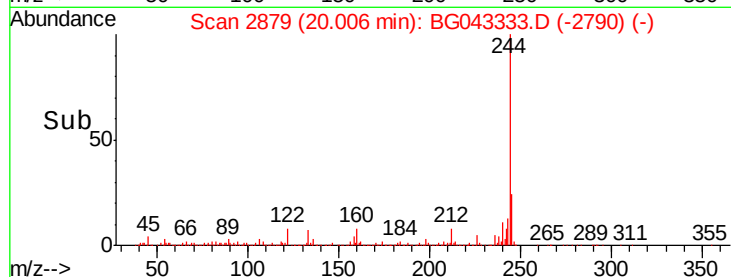
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	7.6	5.3	7.9



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: 24.87 min Scan# 3707

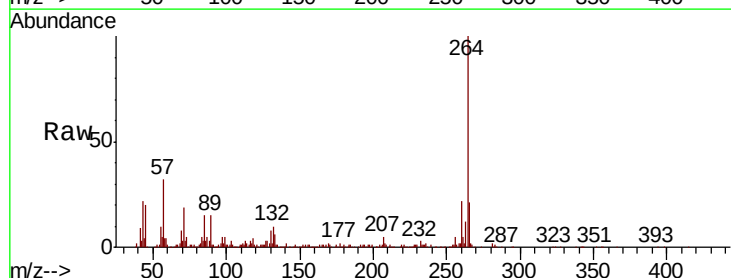
Delta R.T. 0.00 min

Lab File: BG043333.D

Acq: 24 Oct 2019 16:15

Tgt Ion:264 Resp: 376761

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.9	26.9
265	21.0	17.4	26.2



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

