

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043573.D
 Acq On : 8 Nov 2019 17:23
 Operator : JU
 Sample : K5746-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1A-COMP

Quant Time: Nov 11 03:17:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

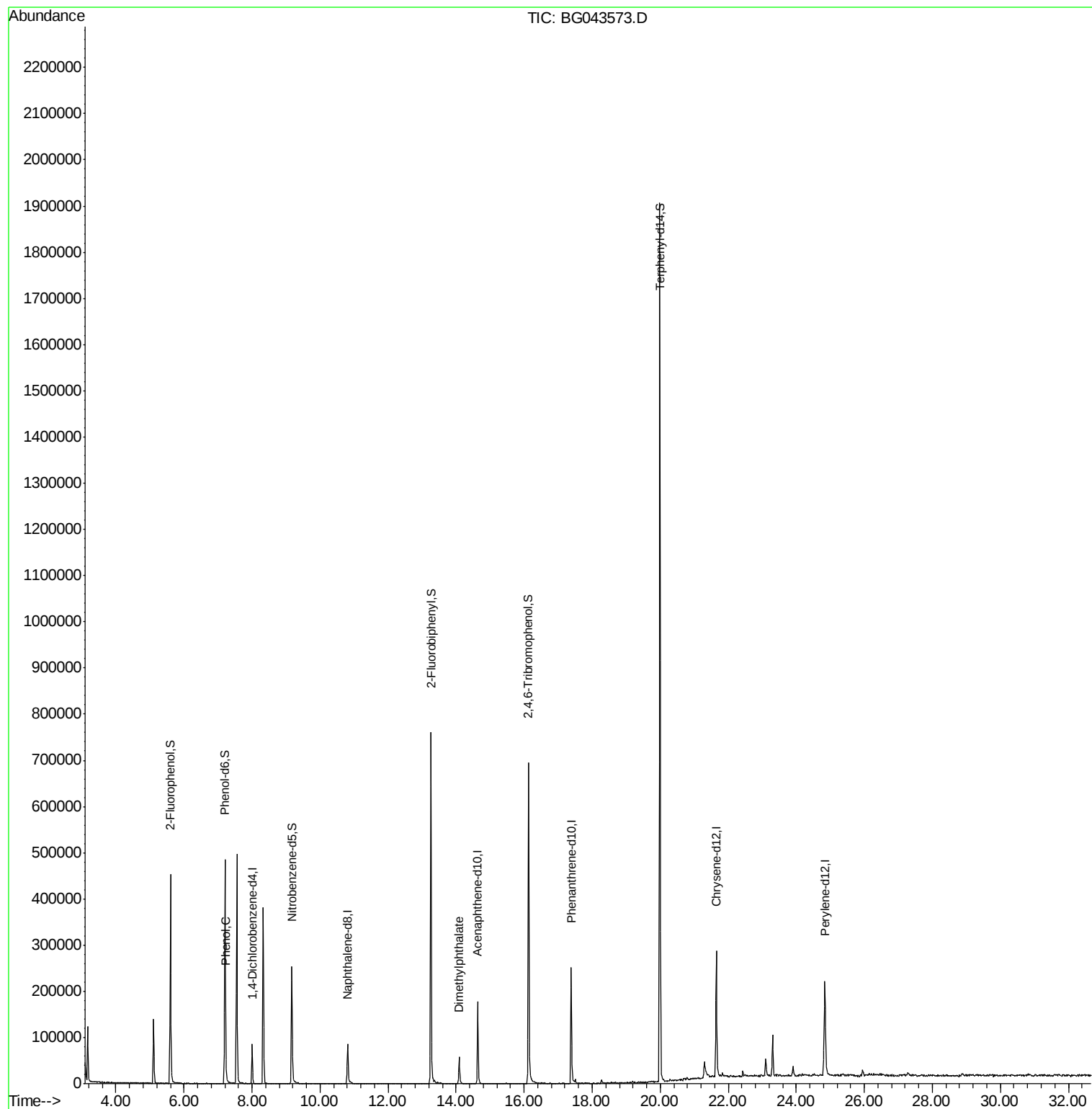
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25544	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	95970	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	73154	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	197735	20.00	ng	0.00
76) Chrysene-d12	21.65	240	199548	20.00	ng	0.00
87) Perylene-d12	24.84	264	232380	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	211738	151.89	ng	0.00
7) Phenol-d6	7.21	99	295346	147.26	ng	0.00
23) Nitrobenzene-d5	9.17	82	171892	92.34	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	182155	130.85	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	455707	86.08	ng	0.00
79) Terphenyl-d14	19.99	244	1036375	97.44	ng	0.00
Target Compounds						
10) Phenol	7.23	94	6631	3.618	ng	86
50) Dimethylphthalate	14.09	163	50875	8.979	ng	99

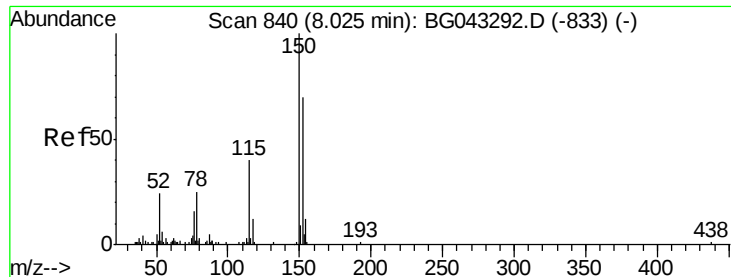
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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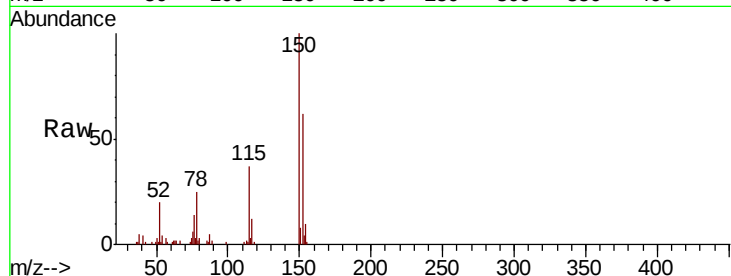


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tot Ion	152	Resp	25544
Ion Ratio	Lower	Upper	
152	100		
150	160.6	129.4	194.0
115	59.9	48.8	73.2

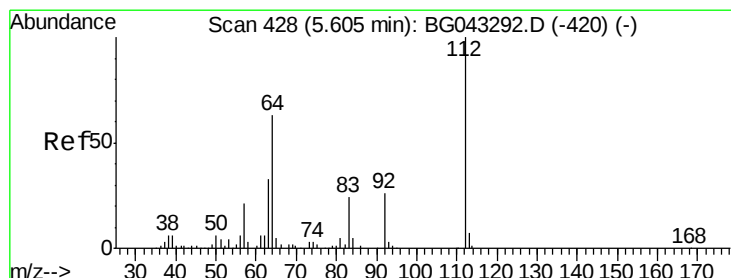
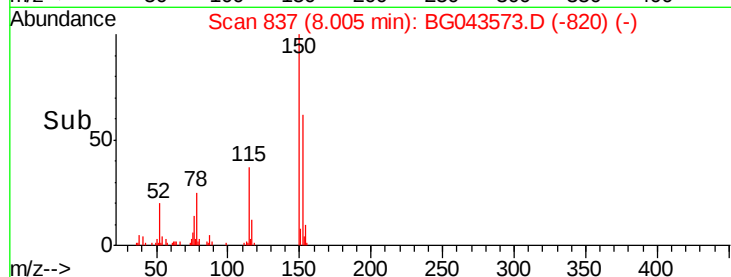
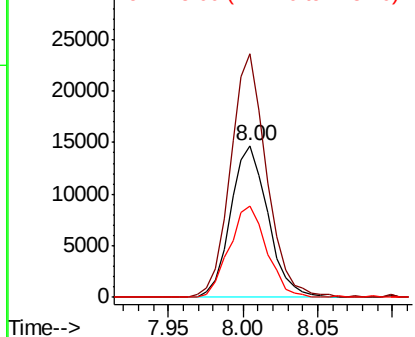


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

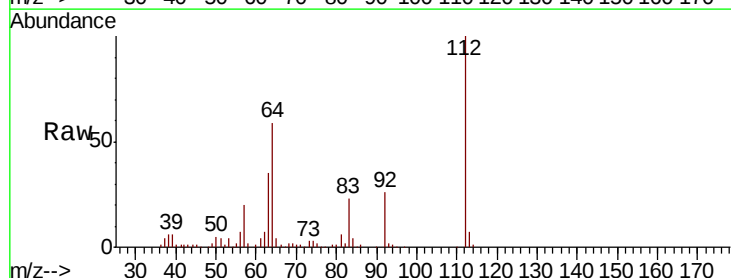
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 151.894 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion	112	Resp	211738
Ion Ratio	Lower	Upper	
112	100		
64	58.9	50.0	75.0
63	34.7	26.6	40.0

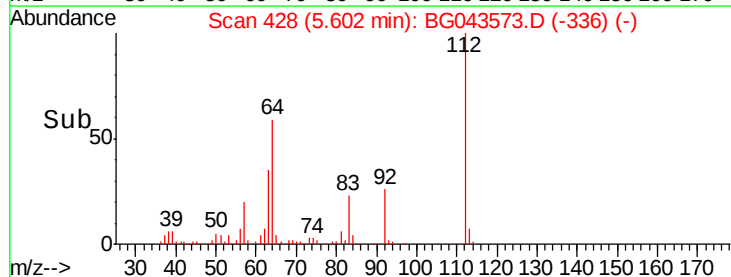
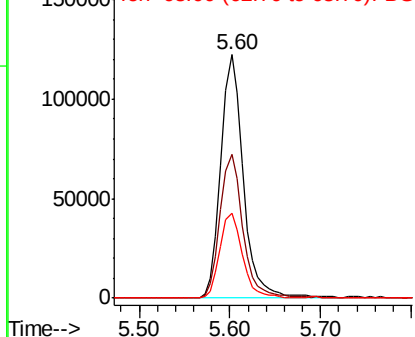


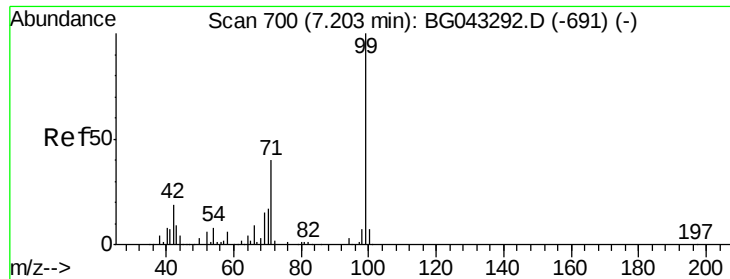
Abundance

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: 147.260 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043573.D

Acq: 8 Nov 2019 17:23

Instrument :

BNA_G

ClientSampleId :

TP-1A-COMP

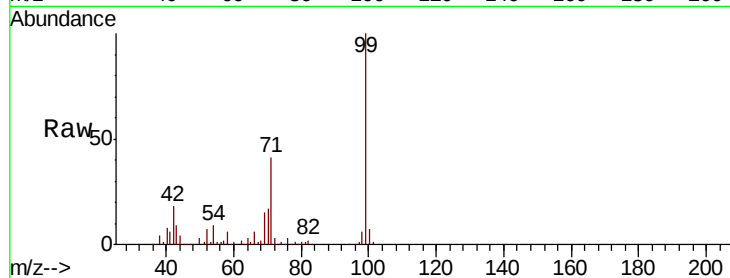
Tot Ion: 99 Resp: 295346

Ion Ratio Lower Upper

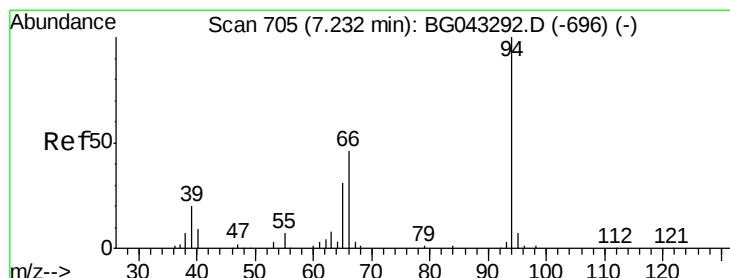
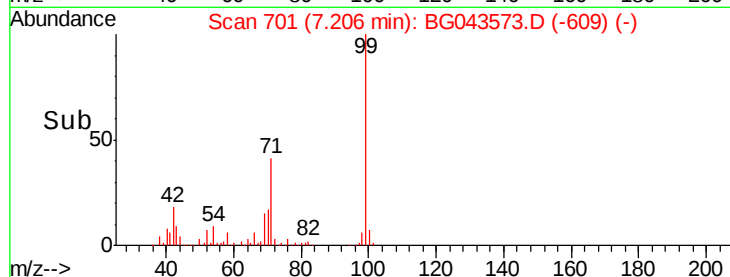
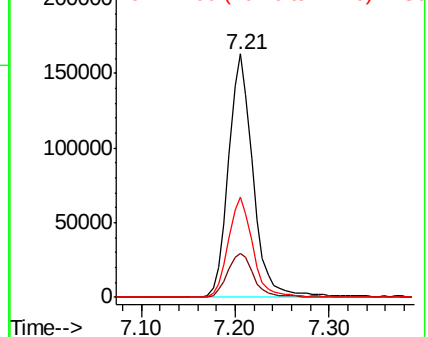
99 100

42 17.9 14.6 21.8

71 41.3 32.5 48.7



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: 3.618 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043573.D

Acq: 8 Nov 2019 17:23

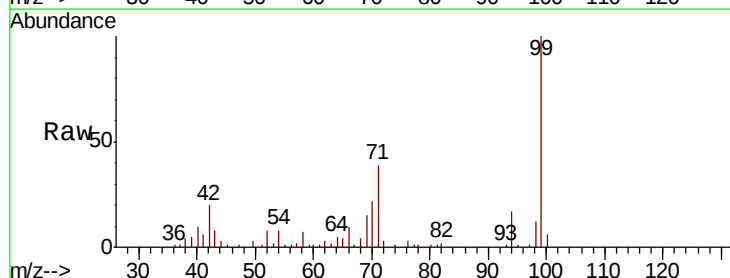
Tgt Ion: 94 Resp: 6631

Ion Ratio Lower Upper

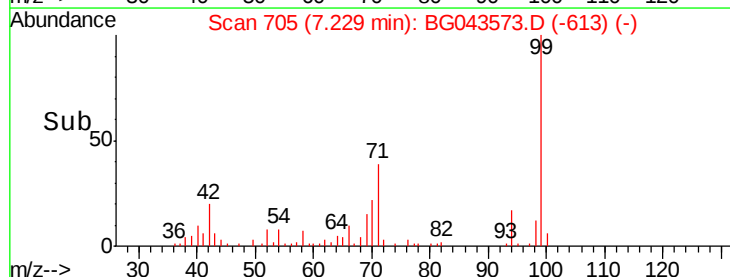
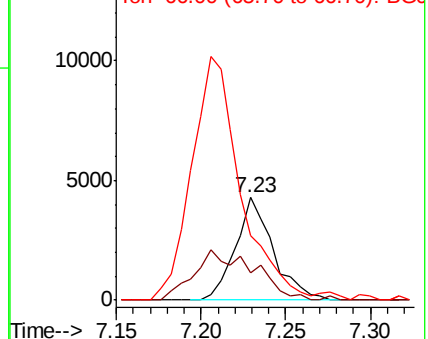
94 100

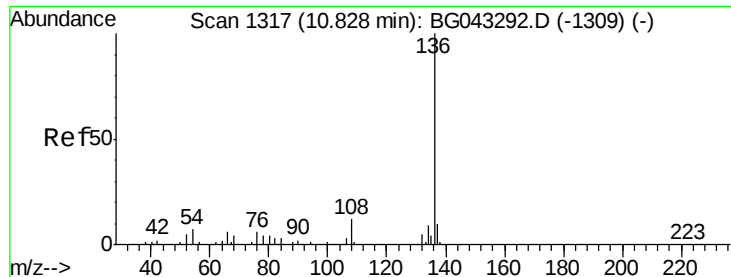
65 26.7 12.6 52.6

66 62.3 30.7 70.7



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

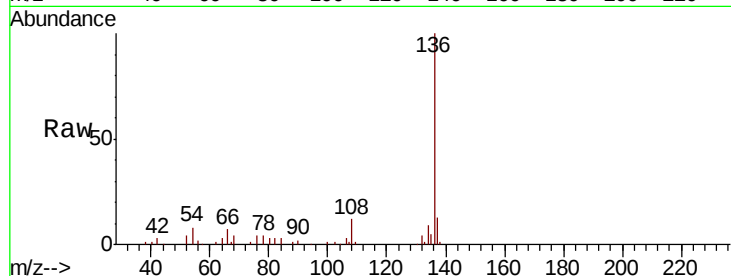




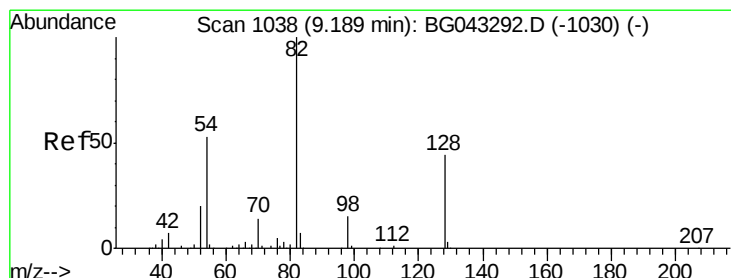
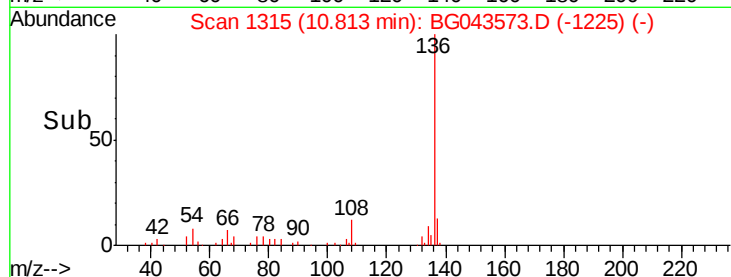
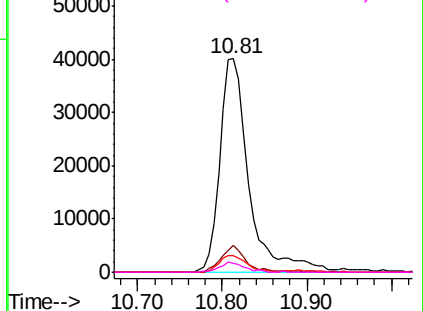
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tot Ion:136	Resp:	95970
Ion Ratio	Lower	Upper
136 100		
137 12.6	8.7	13.1
54 7.7	5.4	8.2
68 4.0	3.0	4.4

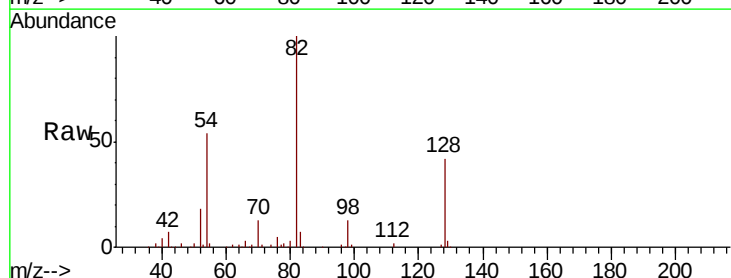


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

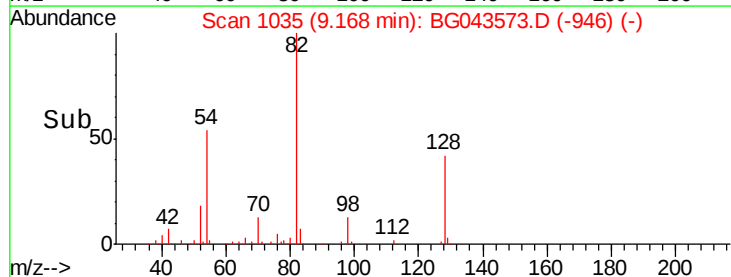
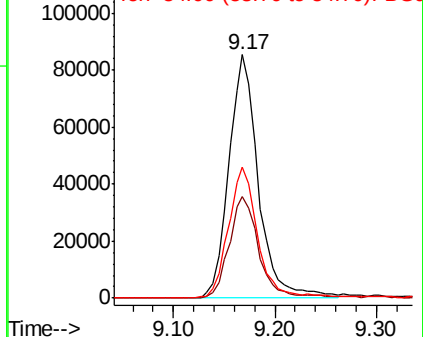


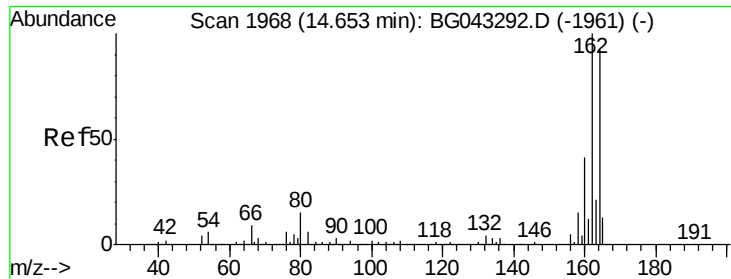
#23
Nitrobenzene-d5
Concen: 92.339 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt	Ion: 82	Resp:	171892
Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.6
54	53.8	40.2	60.2



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

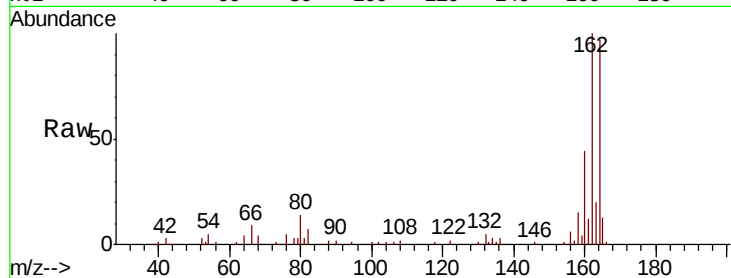




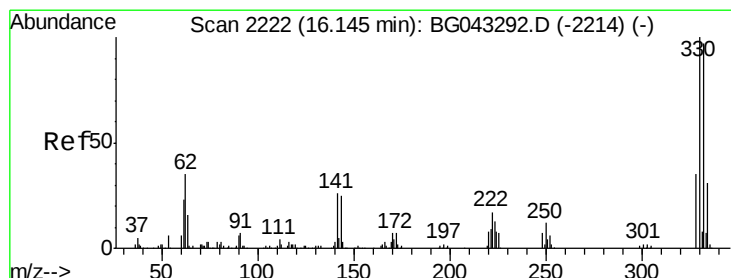
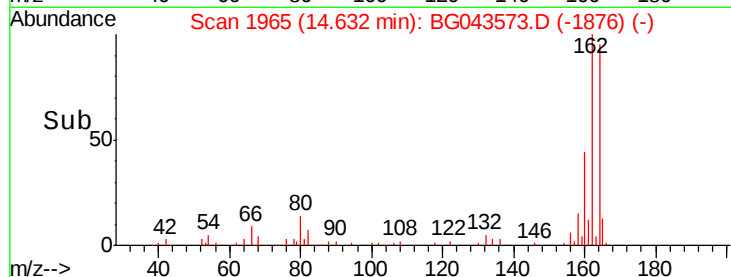
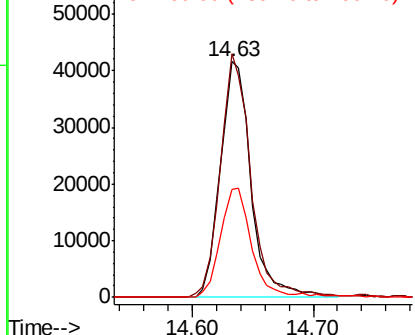
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-1A-COMP

Tot Ion:164 Resp: 73154
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.5 125.3
 160 46.0 36.5 54.7

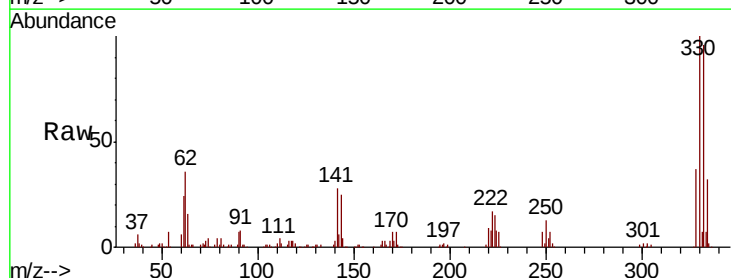


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

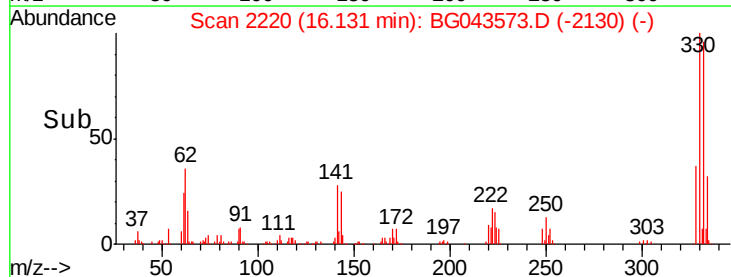
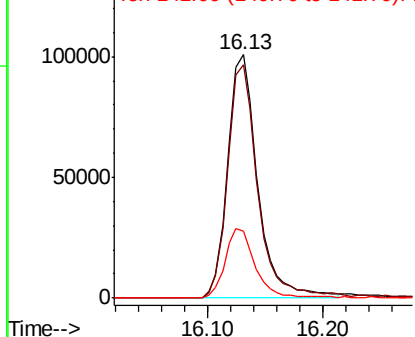


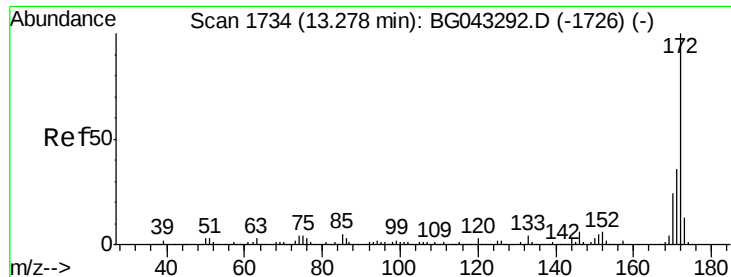
#42
 2,4,6-Tribromophenol
 Concen: 130.847 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

Tgt Ion:330 Resp: 182155
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.0
 141 29.1 22.8 34.2



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

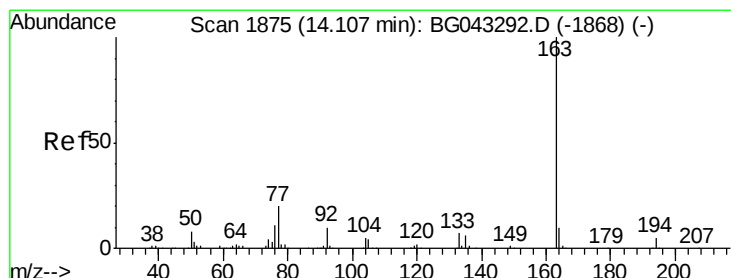
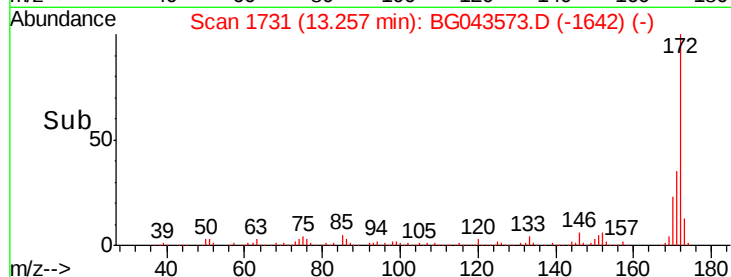
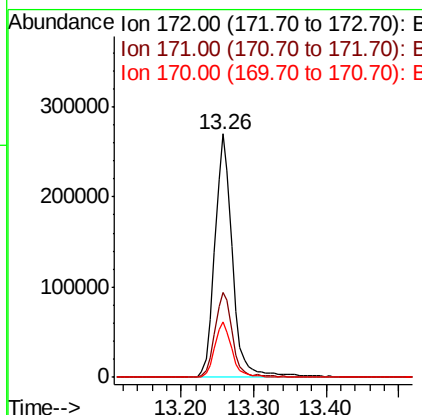
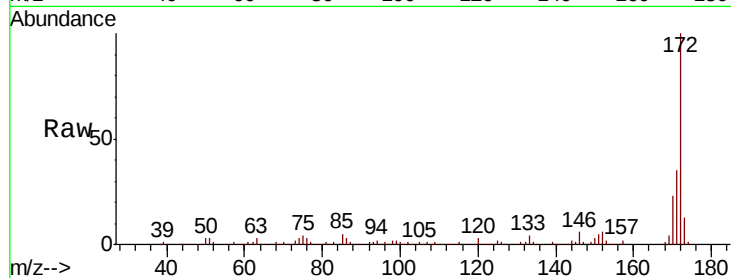




#45
 2-Fluorobiphenyl
 Concen: 86.078 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

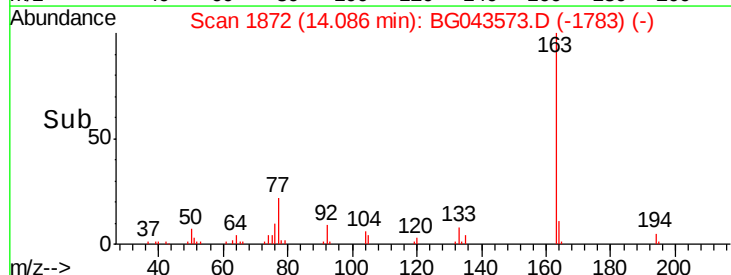
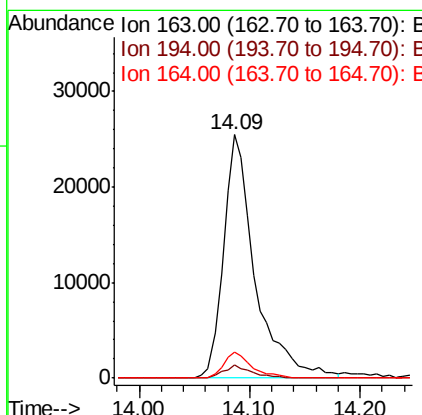
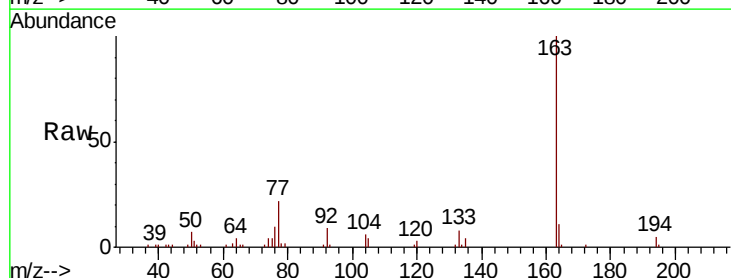
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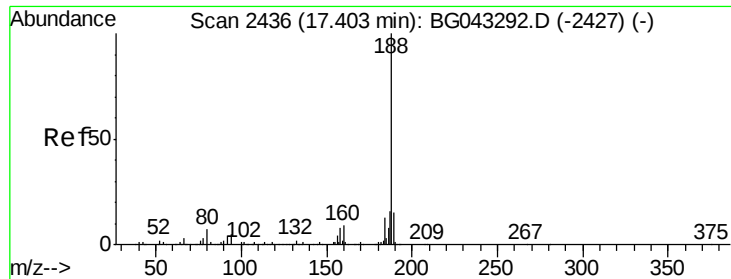
Tot Ion:172 Resp: 455707
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.9 43.3
 170 22.5 18.5 27.7



#50
 Dimethylphthalate
 Concen: 8.979 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

Tgt Ion:163 Resp: 50875
 Ion Ratio Lower Upper
 163 100
 194 5.5 3.8 5.6
 164 10.8 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043573.D

Acq: 8 Nov 2019 17:23

Instrument :

BNA_G

ClientSampleId :

TP-1A-COMP

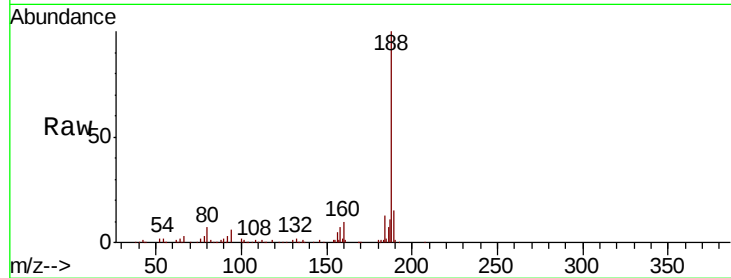
Tot Ion:188 Resp: 197735

Ion Ratio Lower Upper

188 100

94 6.1 4.2 6.4

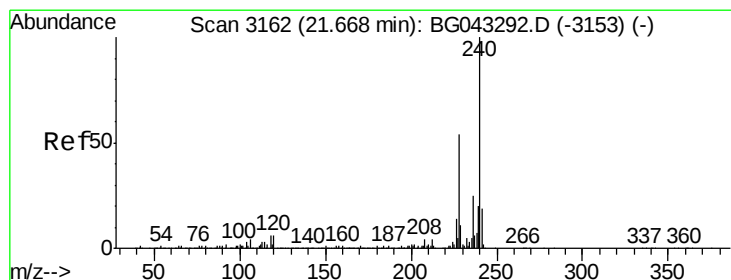
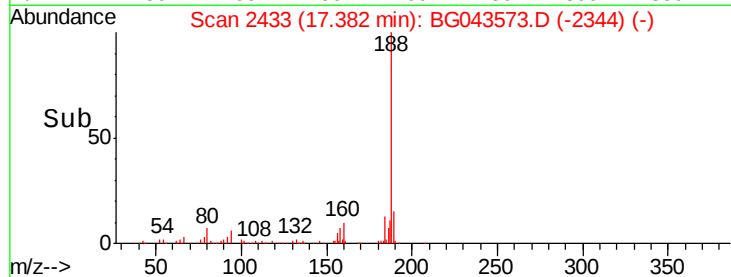
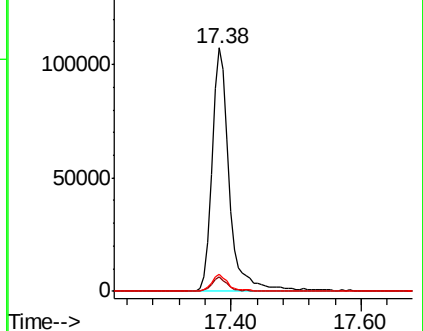
80 6.8 4.5 6.7#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043573.D

Acq: 8 Nov 2019 17:23

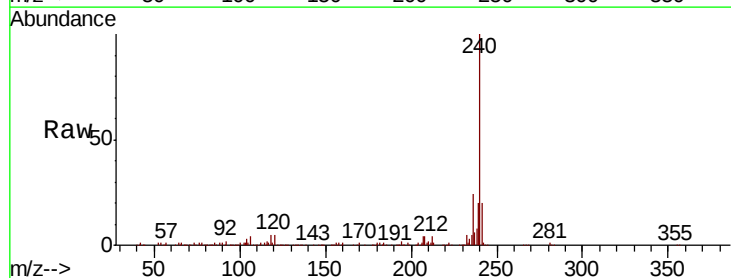
Tgt Ion:240 Resp: 199548

Ion Ratio Lower Upper

240 100

120 5.1 4.6 6.8

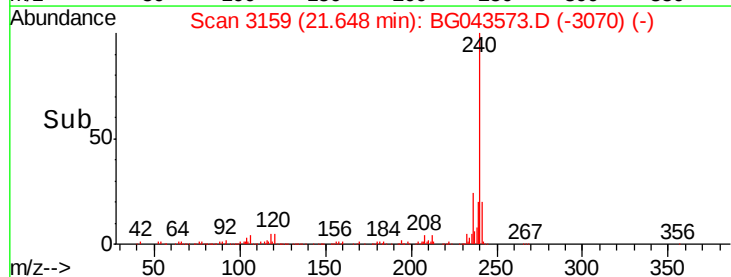
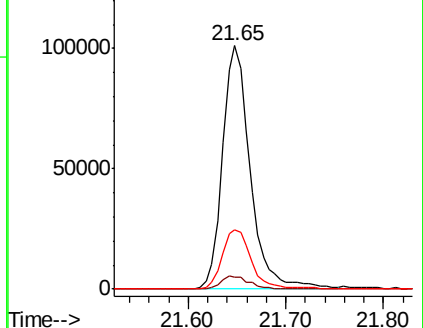
236 24.4 19.8 29.8

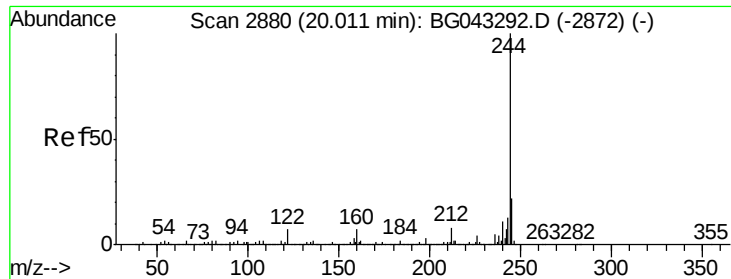


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

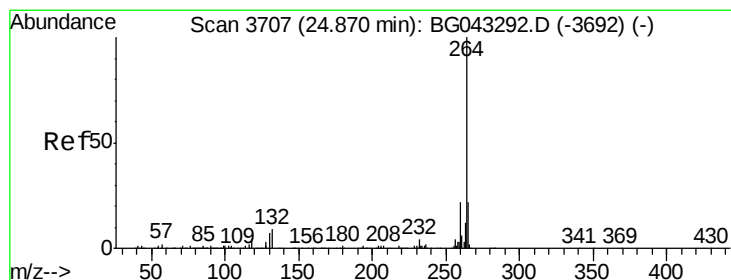
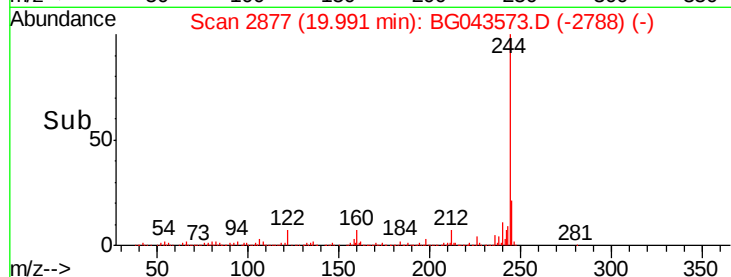
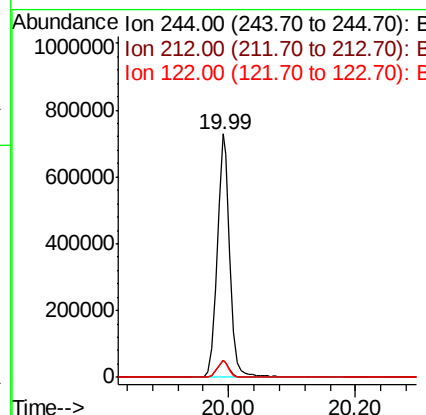
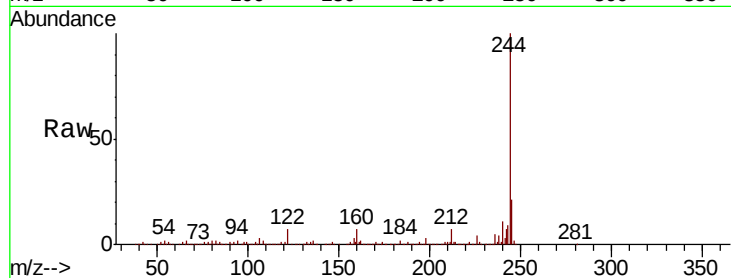




#79
 Terphenyl-d14
 Concen: 97.435 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-1A-COMP

Tot Ion:244 Resp: 1036375
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 7.0 5.4 8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG043573.D
 Acq: 8 Nov 2019 17:23

Tgt Ion:264 Resp: 232380
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.5 26.3
 265 22.3 17.4 26.0

