

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
 Data File : BG043024.D
 Acq On : 4 Oct 2019 4:22
 Operator : JU
 Sample : K5181-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-AVENUE-4-ABCD

Quant Time: Oct 04 07:48:09 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

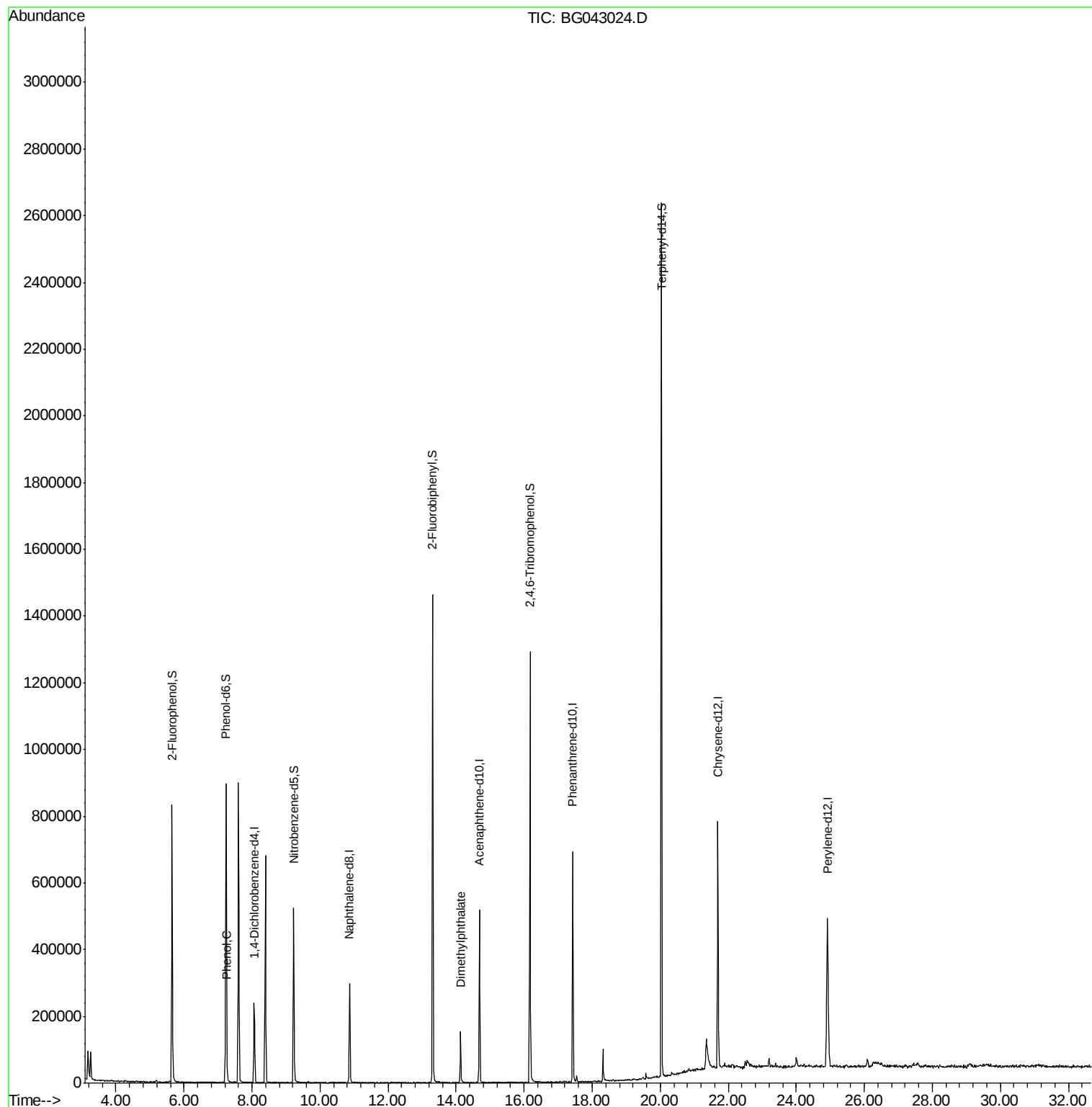
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	69204	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	261377	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	189306	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	434497	20.00	ng	0.00
76) Chrysene-d12	21.70	240	471488	20.00	ng	-0.02
87) Perylene-d12	24.91	264	541684	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	355440	91.66	ng	0.00
7) Phenol-d6	7.24	99	527488	94.46	ng	0.00
23) Nitrobenzene-d5	9.23	82	333524	62.02	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	276533	84.95	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	782595	59.93	ng	-0.01
79) Terphenyl-d14	20.04	244	1338483	60.49	ng	0.00
Target Compounds						
10) Phenol	7.26	94	13783	2.690	ng	95
50) Dimethylphthalate	14.13	163	104281	7.352	ng	99

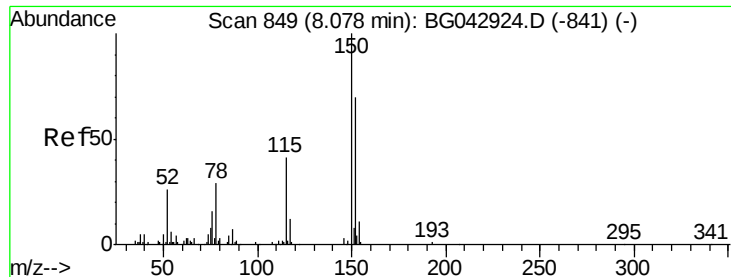
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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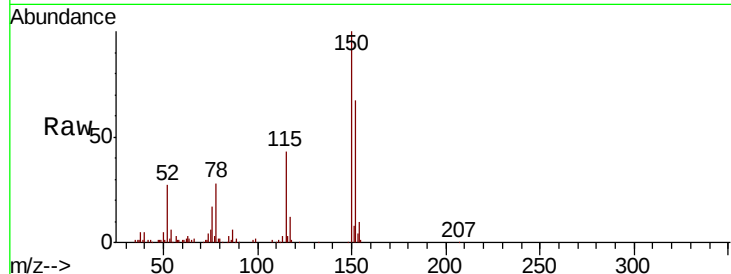


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-4-ABCD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	115.0	172.4
115	63.7	47.0	70.6

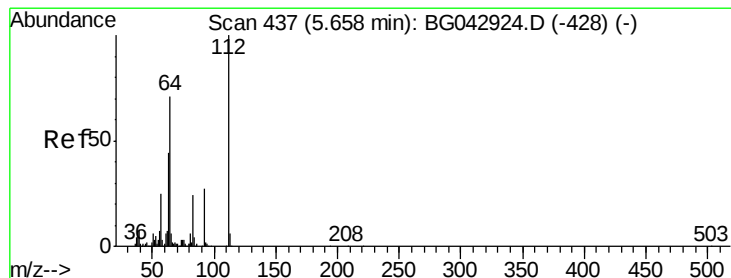
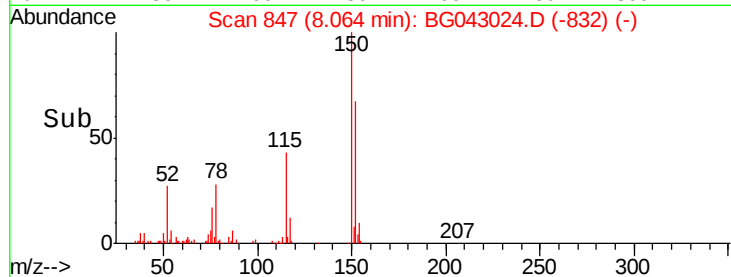
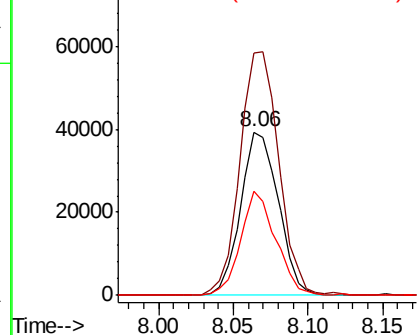


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

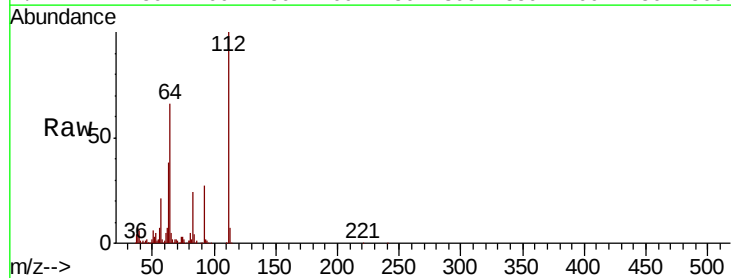
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.660 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	56.6	84.8
63	38.4	35.1	52.7

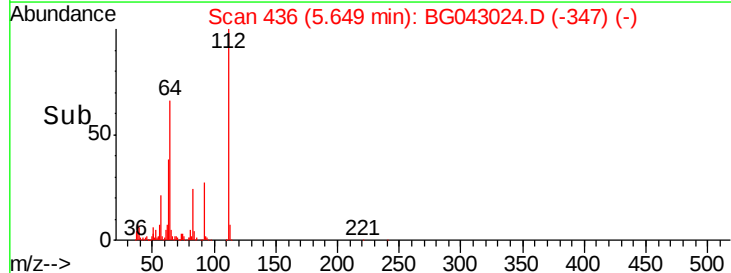
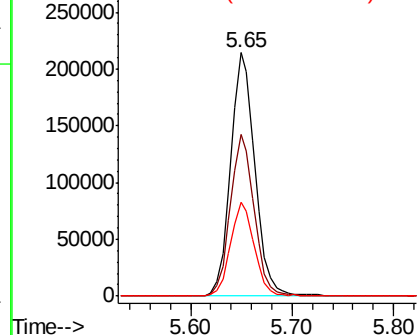


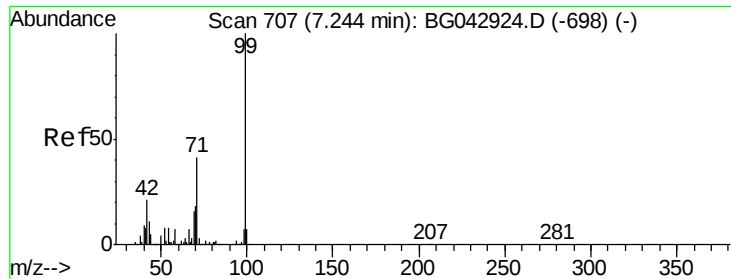
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 94.460 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043024.D

Acq: 4 Oct 2019 4:22

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-4-ABCD

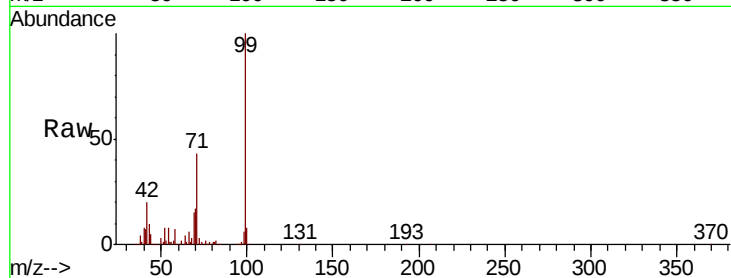
Tot Ion: 99 Resp: 527488

Ion Ratio Lower Upper

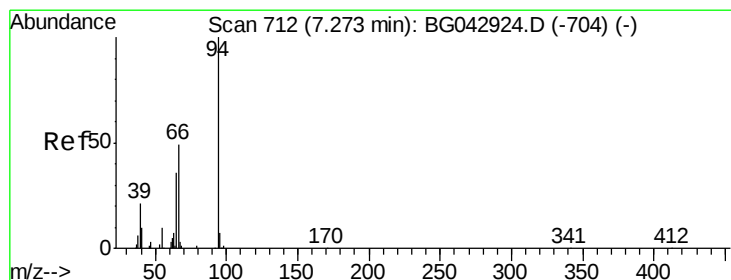
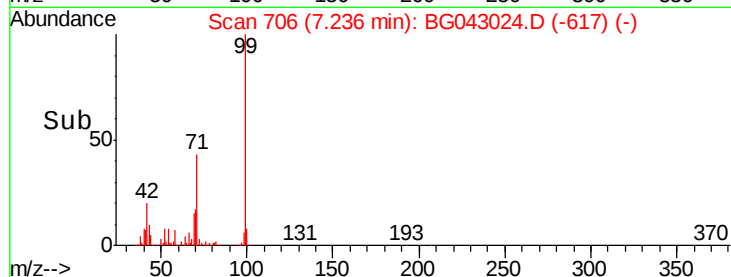
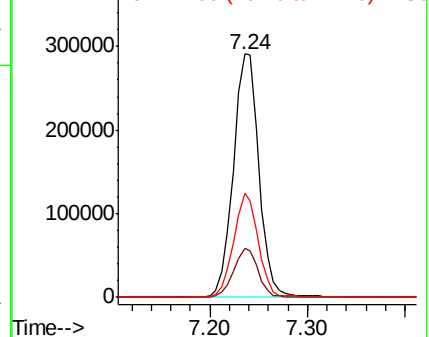
99 100

42 20.2 17.2 25.8

71 42.9 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: 2.690 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043024.D

Acq: 4 Oct 2019 4:22

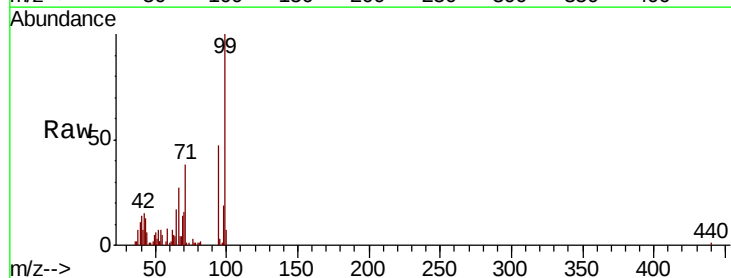
Tgt Ion: 94 Resp: 13783

Ion Ratio Lower Upper

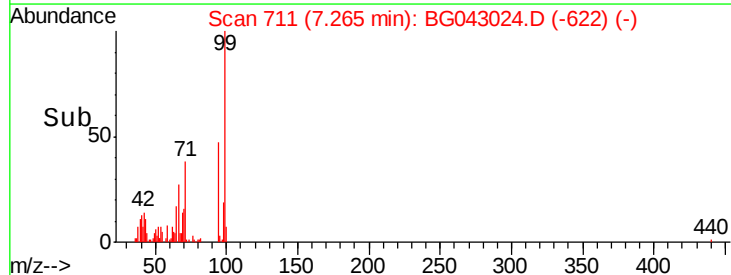
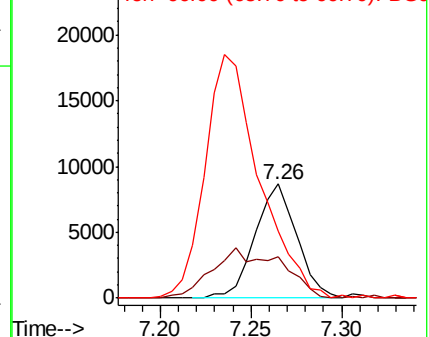
94 100

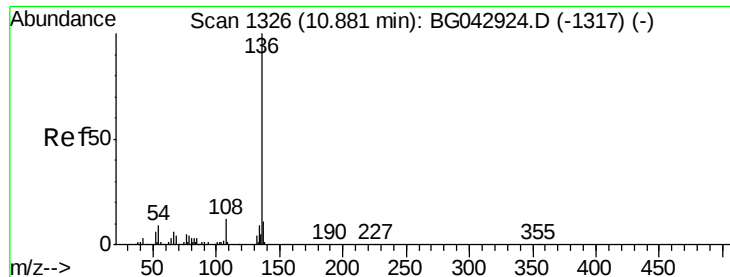
65 35.8 16.6 56.6

66 58.3 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

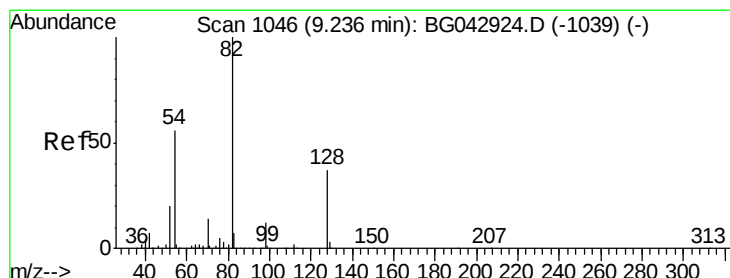
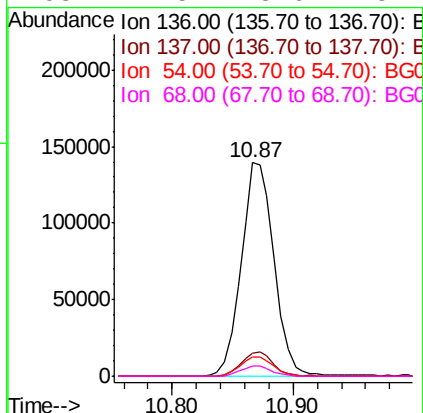
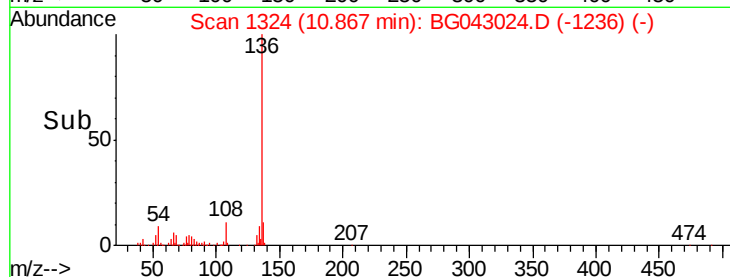
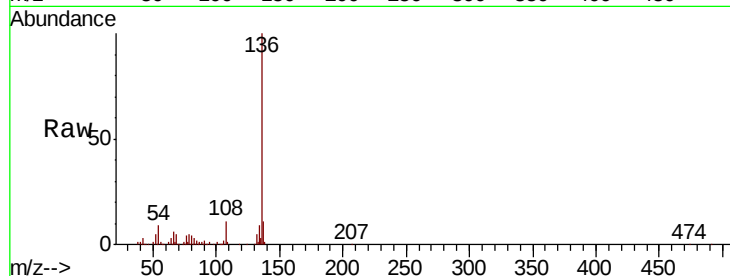




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

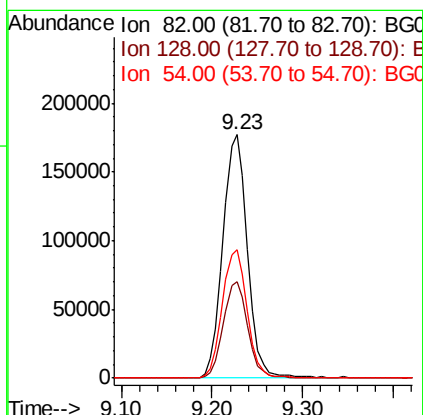
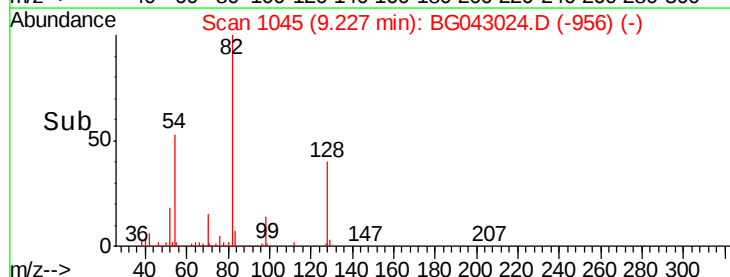
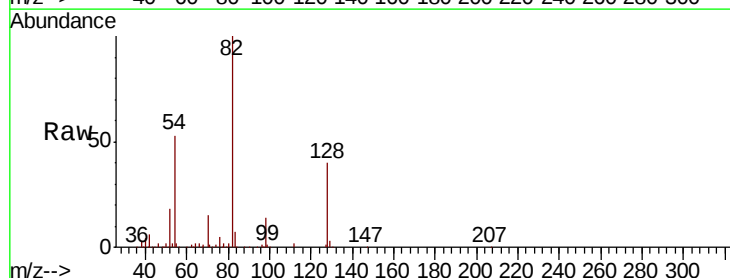
Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-4-ABCD

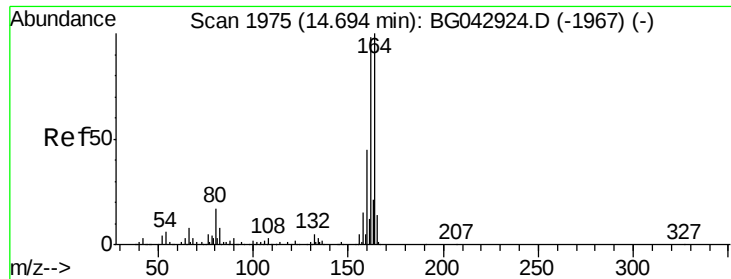
Tot Ion:136	Resp:	261377
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	8.8	7.4 11.2
68	4.5	3.6 5.4



#23
Nitrobenzene-d5
Concen: 62.021 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

Tgt Ion: 82	Resp:	333524
Ion Ratio	Lower	Upper
82	100	
128	39.7	29.5 44.3
54	52.6	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: BG043024.D

Acq: 4 Oct 2019 4:22

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-4-ABCD

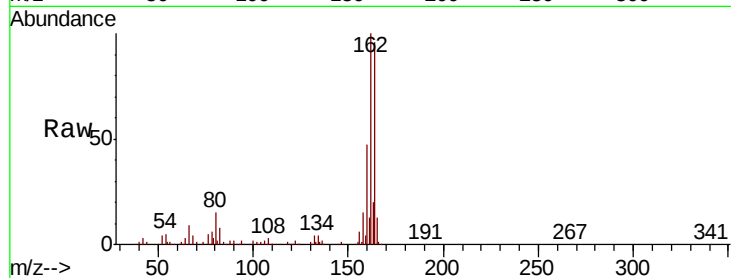
Tot Ion:164 Resp: 189306

Ion Ratio Lower Upper

164 100

162 104.6 78.5 117.7

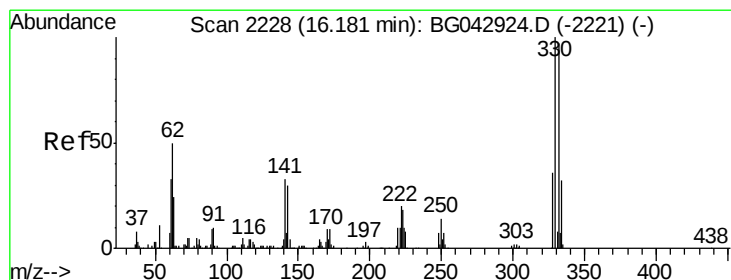
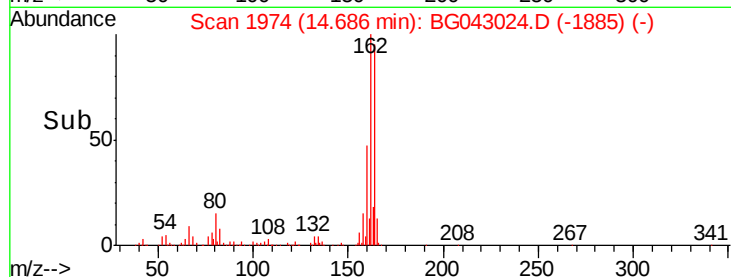
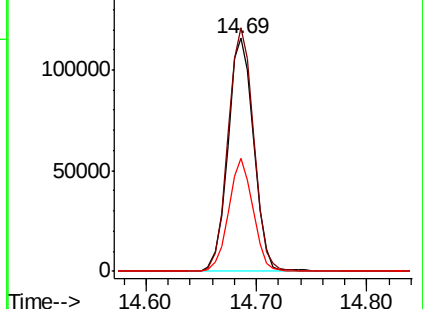
160 48.8 35.9 53.9



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: 84.950 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043024.D

Acq: 4 Oct 2019 4:22

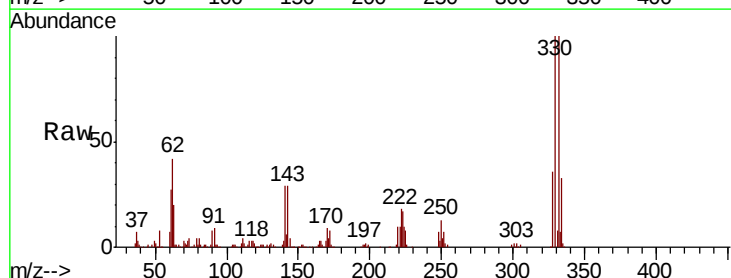
Tgt Ion:330 Resp: 276533

Ion Ratio Lower Upper

330 100

332 100.6 78.2 117.2

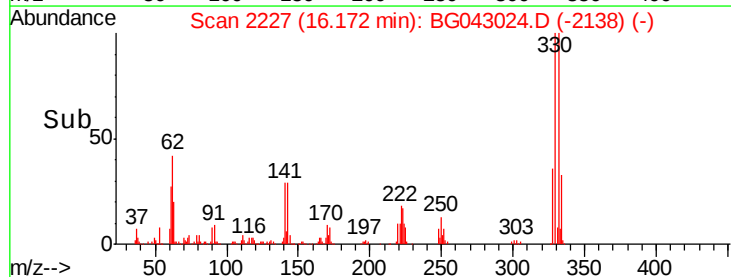
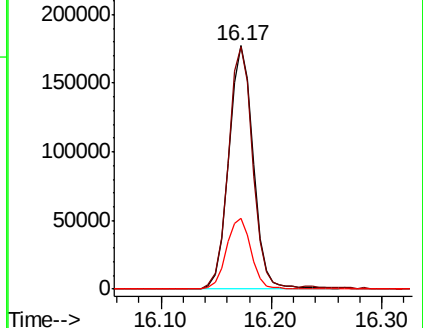
141 29.7 26.0 39.0

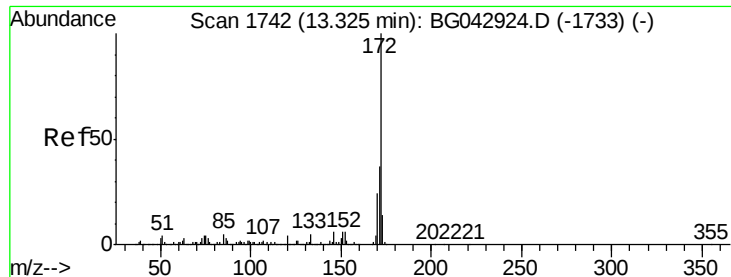


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

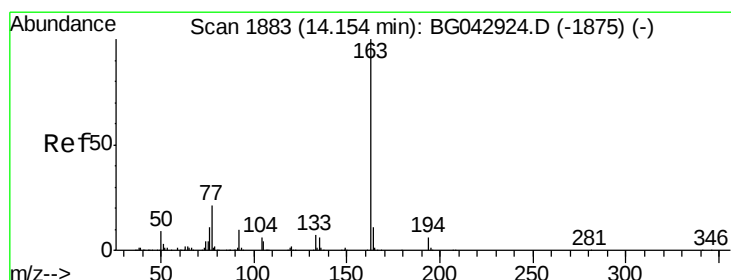
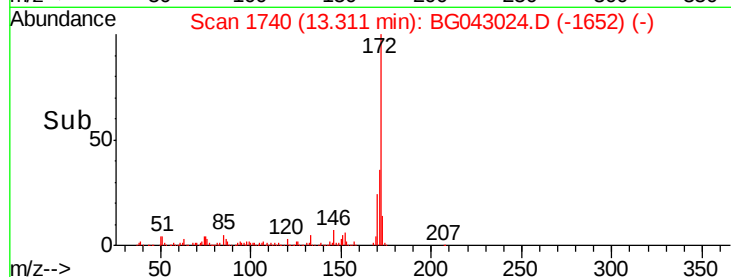
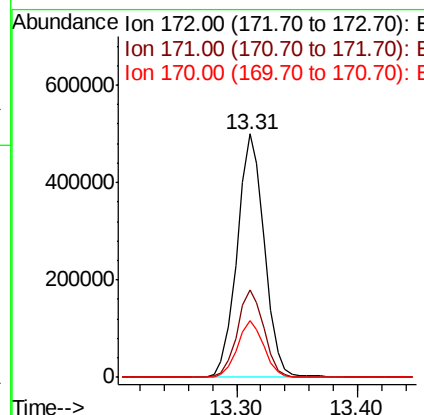
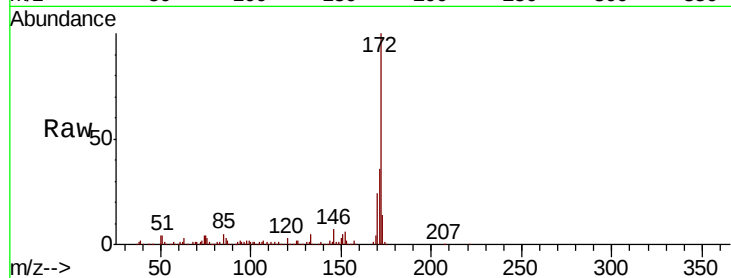




#45
2-Fluorobiphenyl
Concen: 59.931 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

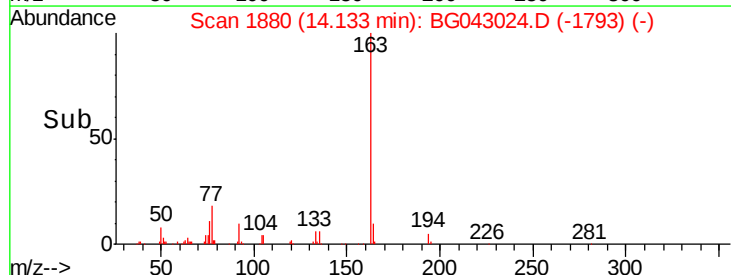
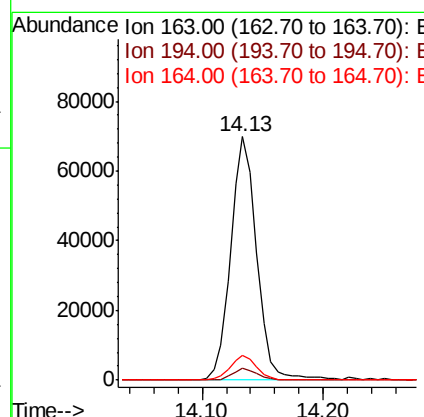
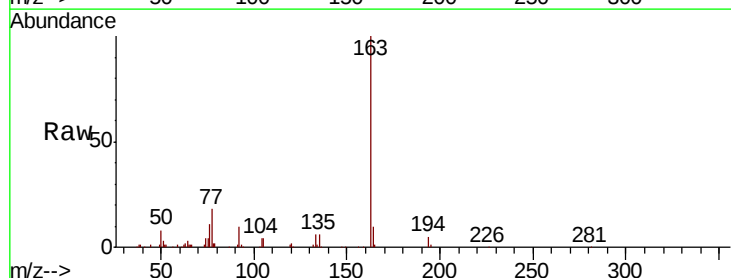
Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-4-ABCD

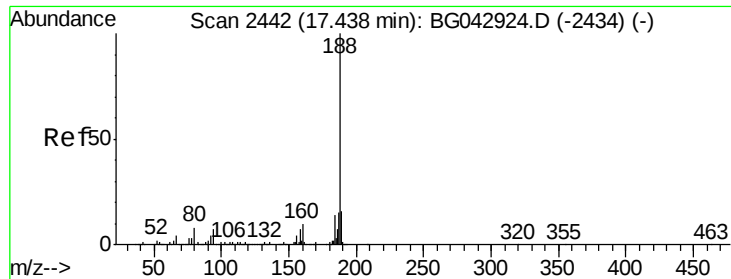
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.5	19.6	29.4



#50
Dimethylphthalate
Concen: 7.352 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043024.D
Acq: 4 Oct 2019 4:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	10.3	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG043024.D

Acq: 4 Oct 2019 4:22

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-4-ABCD

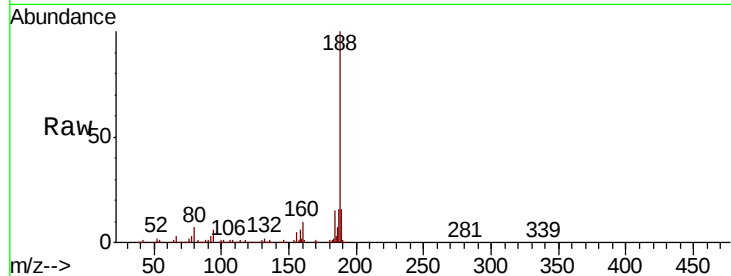
Tot Ion:188 Resp: 434497

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

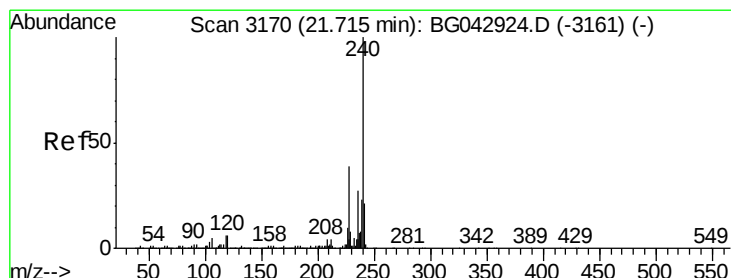
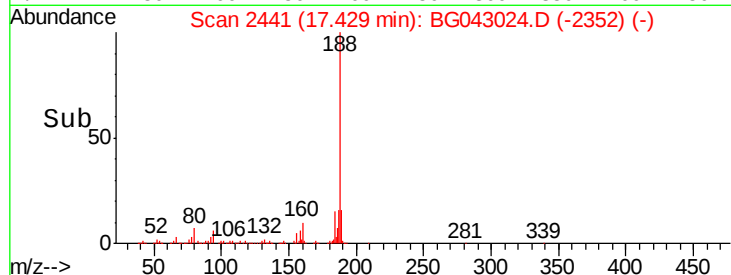
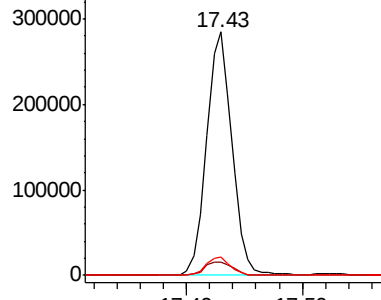
80 7.4 6.5 9.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043024.D

Acq: 4 Oct 2019 4:22

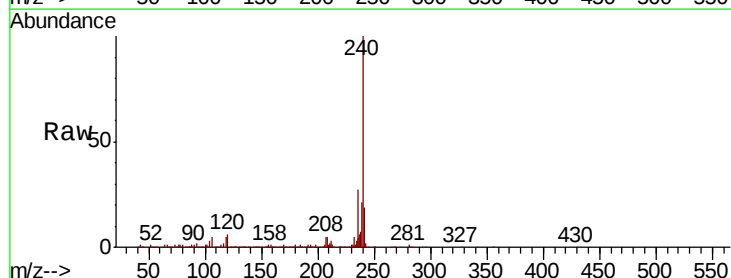
Tgt Ion:240 Resp: 471488

Ion Ratio Lower Upper

240 100

120 5.6 4.8 7.2

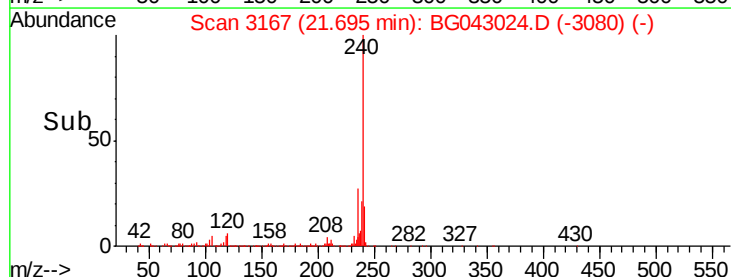
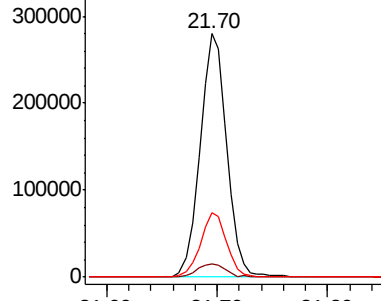
236 26.7 21.4 32.0

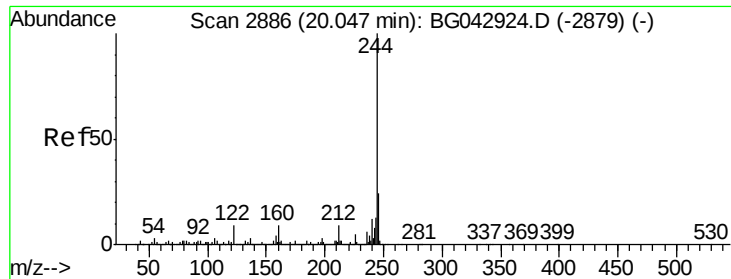


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.492 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043024.D

Acq: 4 Oct 2019 4:22

Instrument :

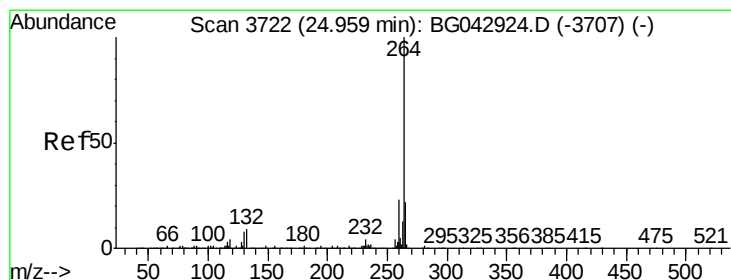
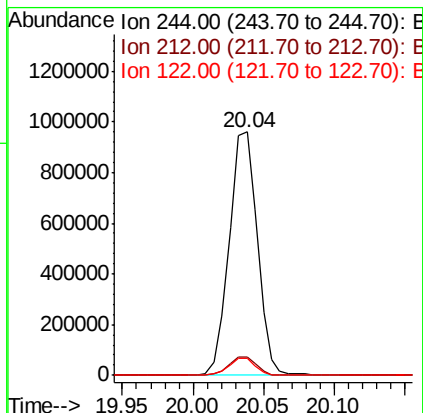
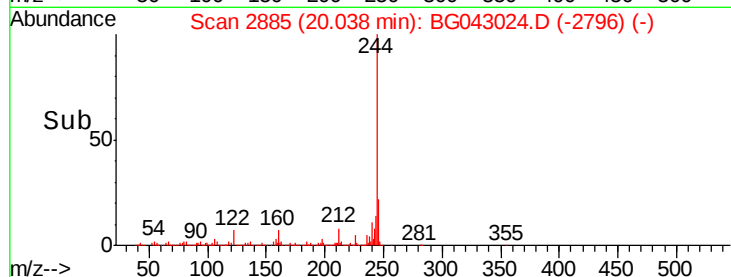
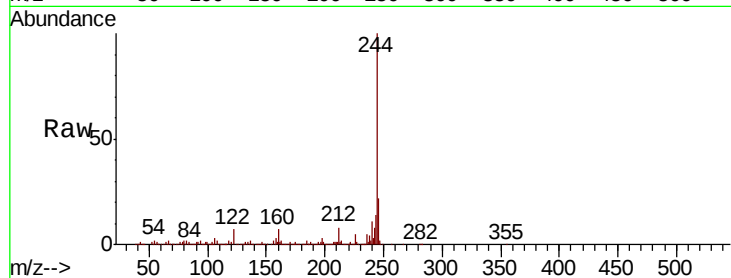
BNA_G

ClientSampleId :

SOUTH-AVENUE-4-ABCD

Tot Ion:244 Resp: 1338483

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.4	11.0
122	6.8	7.0	10.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3715

Delta R.T. -0.04 min

Lab File: BG043024.D

Acq: 4 Oct 2019 4:22

Tgt Ion:264 Resp: 541684

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	21.8	17.7	26.5

