

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050120\
 Data File : BG045219.D
 Acq On : 1 May 2020 16:56
 Operator : CG/JU
 Sample : L2463-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHDS-SOUTH-C

Quant Time: May 01 17:37:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	59831	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	229785	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	181039	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	459142	20.00	ng	0.00
76) Chrysene-d12	21.64	240	465988	20.00	ng	-0.01
87) Perylene-d12	24.82	264	506757	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	446621	123.24	ng	0.00
7) Phenol-d6	7.15	99	578946	107.52	ng	0.00
23) Nitrobenzene-d5	9.15	82	464918	92.32	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	411536	147.14	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1138622	92.22	ng	0.00
79) Terphenyl-d14	20.00	244	2152108	100.66	ng	0.00

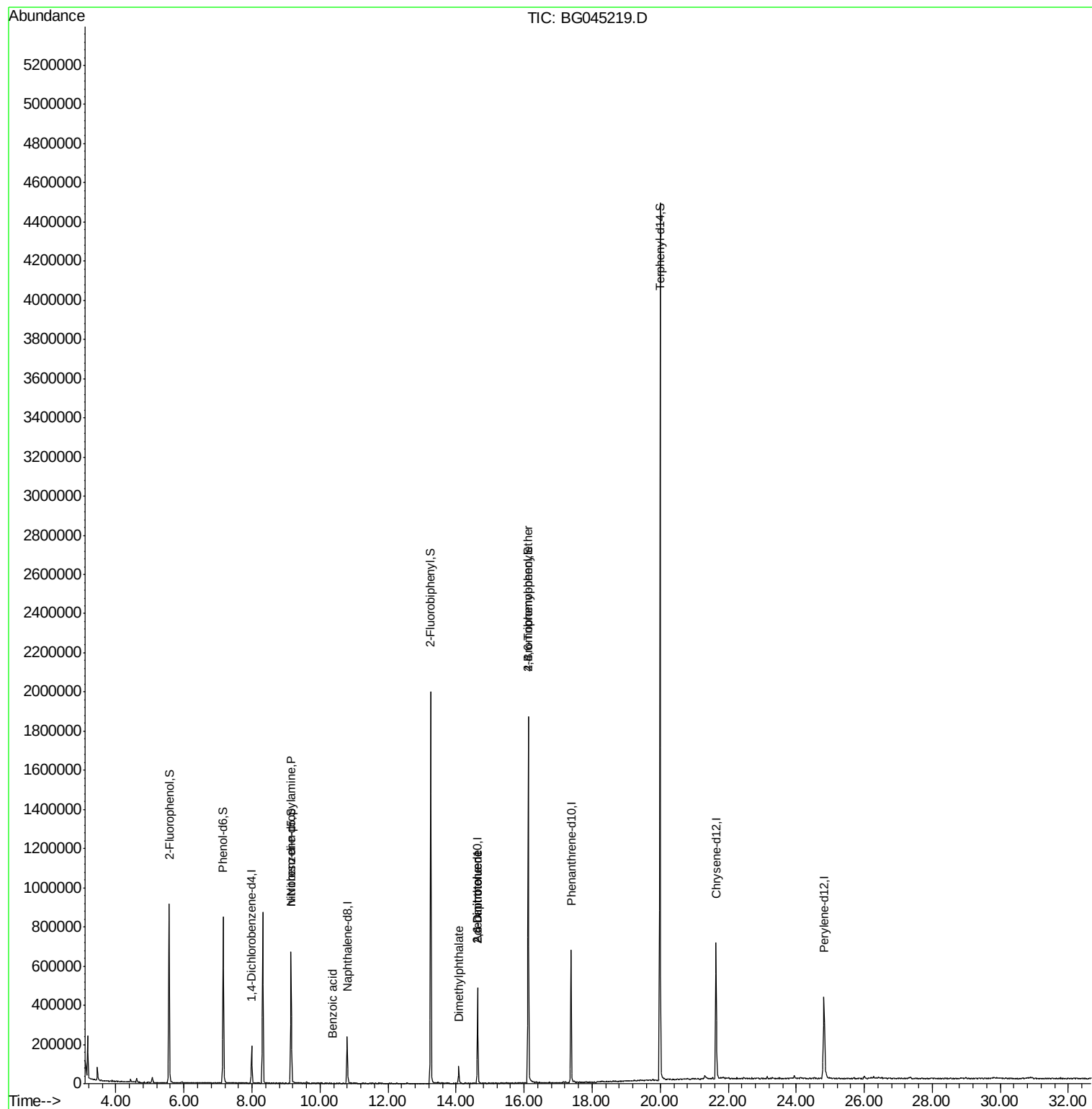
Target Compounds				Qvalue		
9) Benzaldehyde	7.11	77	59	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.15	70	60629	15.922 ng	#	77
32) Benzoic acid	10.37	122	54	6.390 ng	#	1
50) Dimethylphthalate	14.08	163	61016	4.139 ng		98
51) 2,6-Dinitrotoluene	14.63	165	24355	7.387 ng	#	24
57) 2,4-Dinitrotoluene	14.63	165	24355	5.055 ng	#	21
67) 4-Bromophenyl-phenylether	16.12	248	28348	4.786 ng	#	1
69) Atrazine	16.44	200	61	Below Cal	#	1
74) Di-n-butylphthalate	18.34	149	1232	Below Cal	#	76
75) Fluoranthene	19.44	202	840	Below Cal		65
77) Benzydine	19.62	184	1379	Below Cal	#	64

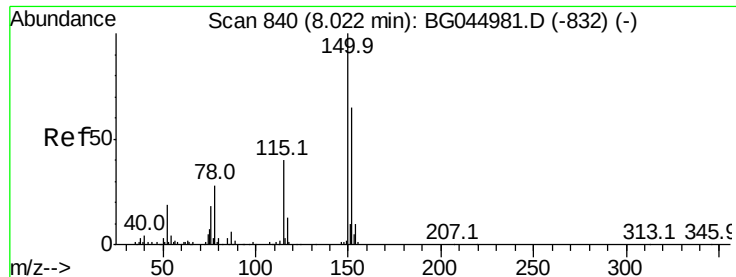
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050120\
Data File : BG045219.D
Acq On : 1 May 2020 16:56
Operator : CG/JU
Sample : L2463-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHDS-SOUTH-C

Quant Time: May 01 17:37:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 11:17:49 2020
Response via : Initial Calibration



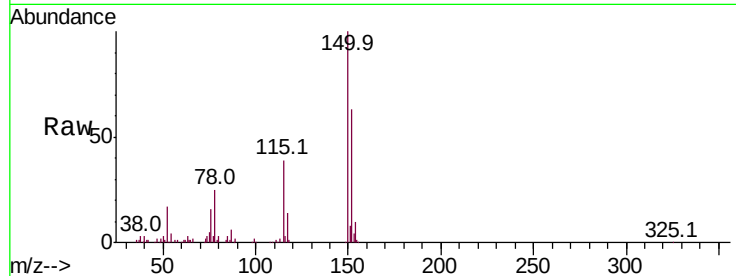


#1

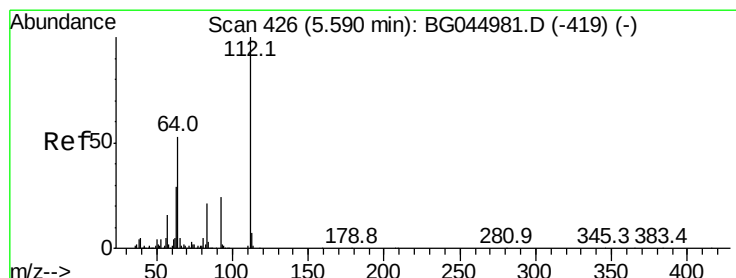
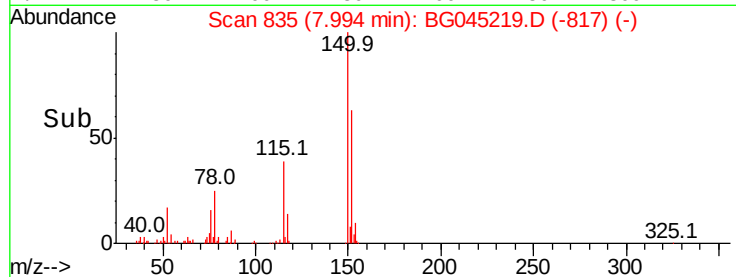
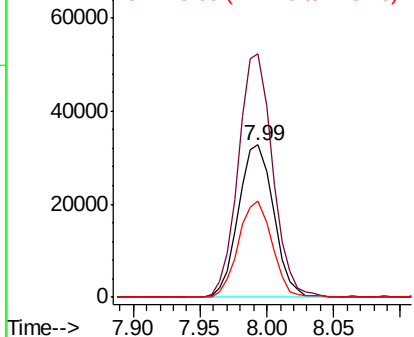
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045219.D
Acq: 1 May 2020 16:56

Instrument :
BNA_G
ClientSampleId :
JHDS-SOUTH-C

Tot Ion:152 Resp: 59831
Ion Ratio Lower Upper
152 100
150 159.9 123.6 185.4
115 63.1 49.1 73.7



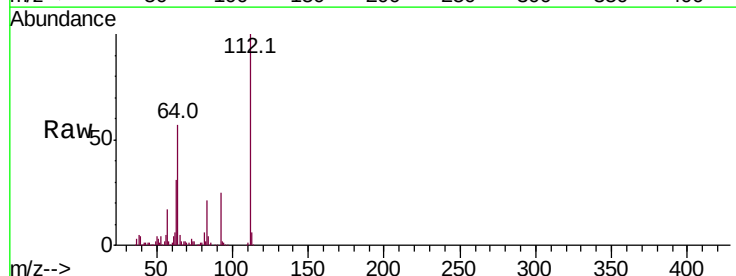
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



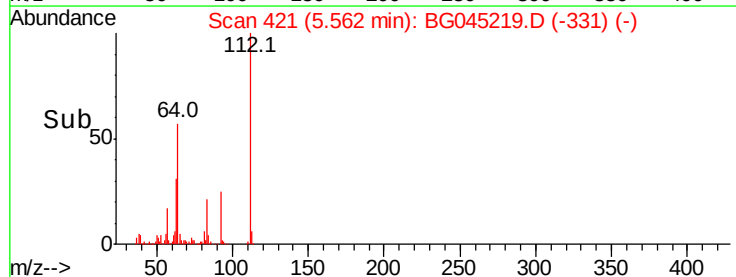
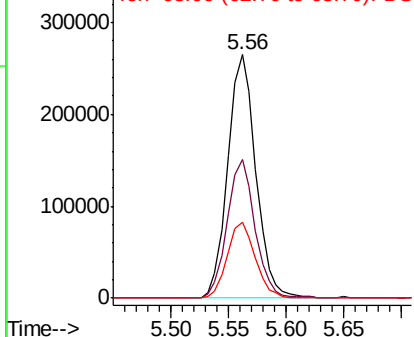
#5

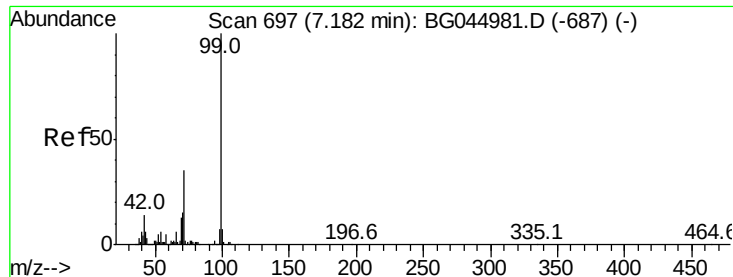
2-Fluorophenol
Concen: 123.238 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045219.D
Acq: 1 May 2020 16:56

Tgt Ion:112 Resp: 446621
Ion Ratio Lower Upper
112 100
64 56.7 42.4 63.6
63 31.2 23.1 34.7



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: 107.522 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045219.D

Acq: 1 May 2020 16:56

Instrument :

BNA_G

ClientSampleId :

JHDS-SOUTH-C

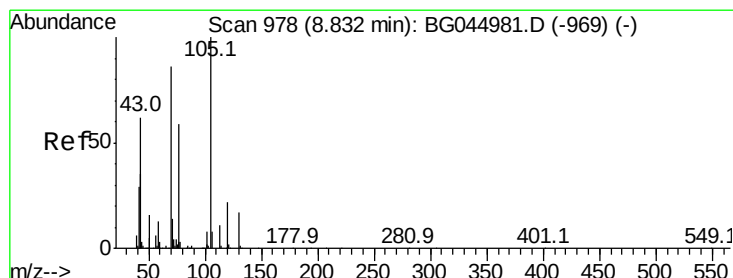
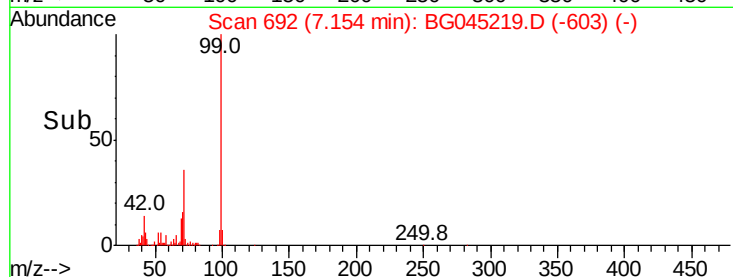
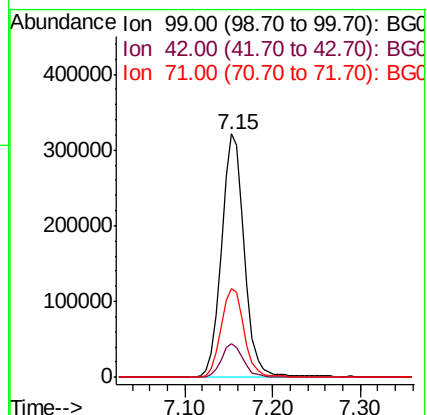
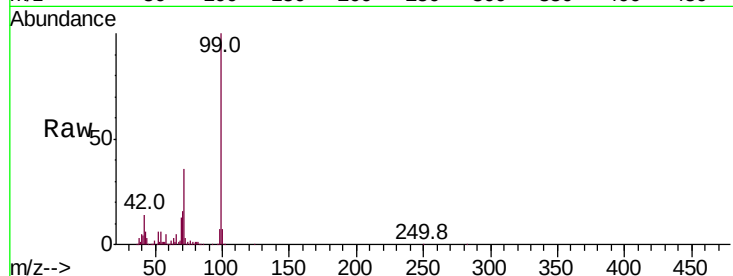
Tot Ion: 99 Resp: 578946

Ion Ratio Lower Upper

99 100

42 13.8 11.3 16.9

71 36.3 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 15.922 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.35 min

Lab File: BG045219.D

Acq: 1 May 2020 16:56

Tgt Ion: 70 Resp: 60629

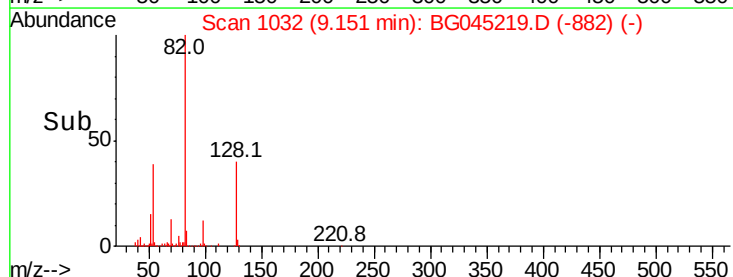
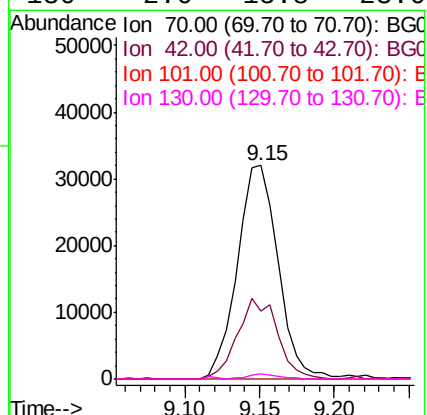
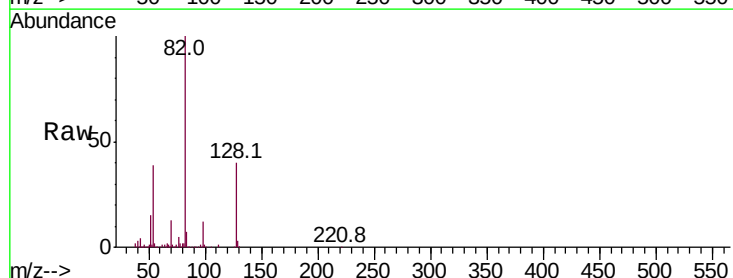
Ion Ratio Lower Upper

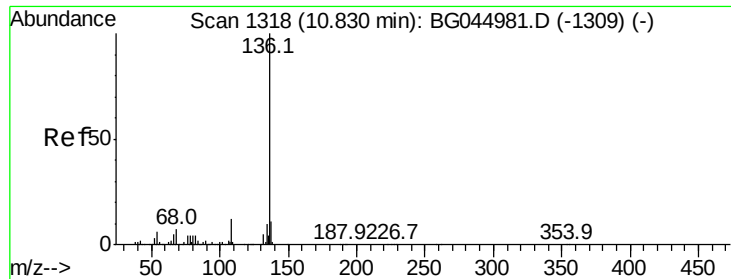
70 100

42 31.7 33.3 49.9#

101 0.0 7.8 11.8#

130 2.6 15.8 23.6#

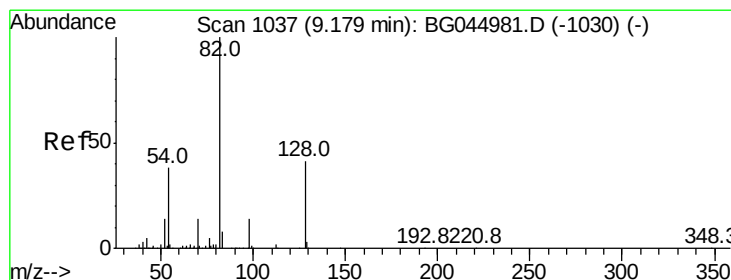
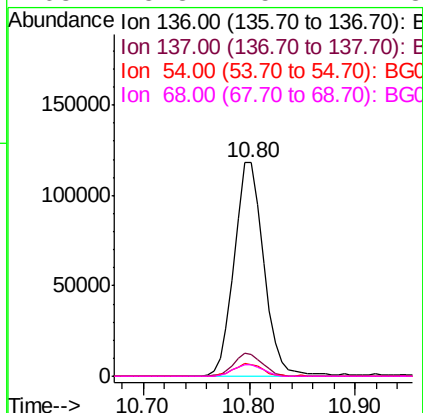
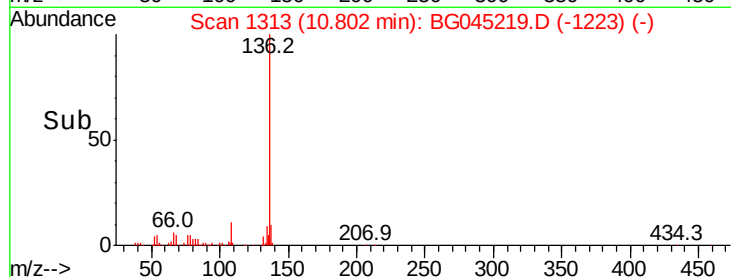
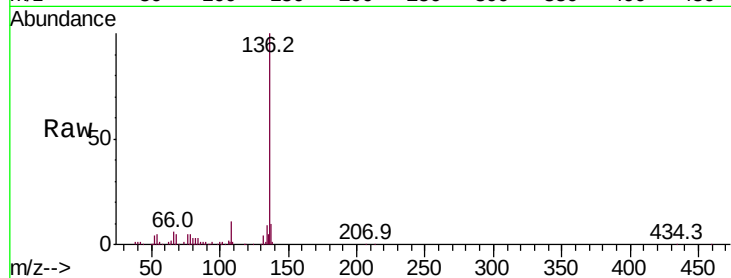




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG045219.D
Acq: 1 May 2020 16:56

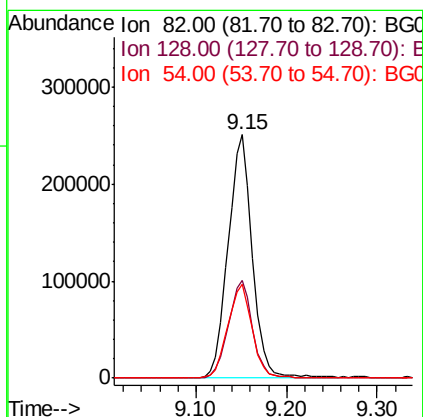
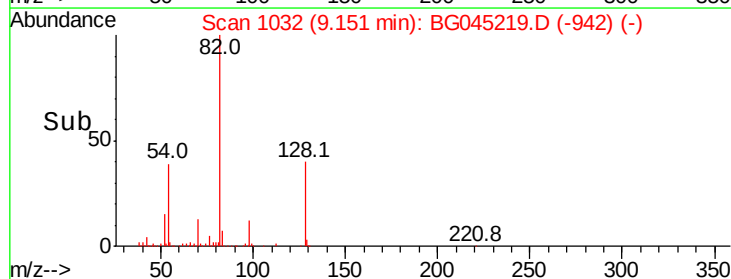
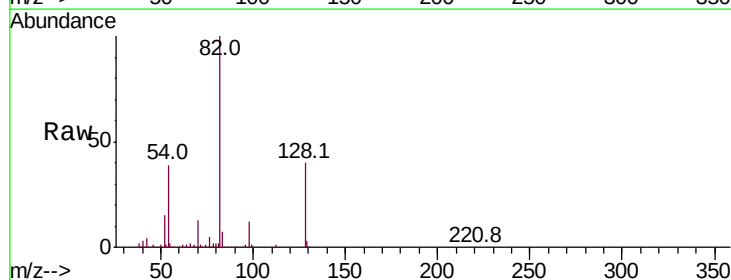
Instrument :
BNA_G
ClientSampleId :
JHDS-SOUTH-C

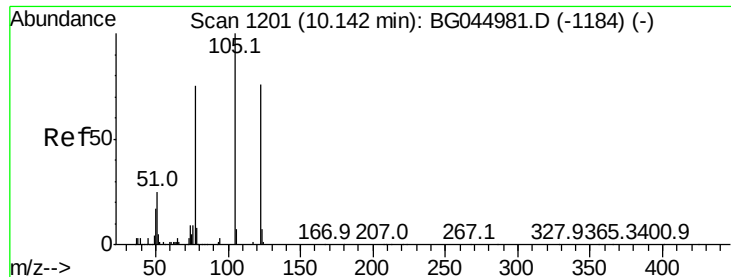
Tot Ion:136 Resp: 229785
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 5.5 4.8 7.2
68 5.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 92.320 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG045219.D
Acq: 1 May 2020 16:56

Tgt Ion: 82 Resp: 464918
Ion Ratio Lower Upper
82 100
128 40.4 33.0 49.4
54 38.7 30.4 45.6

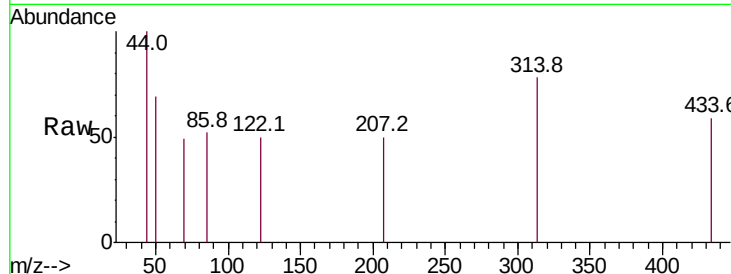




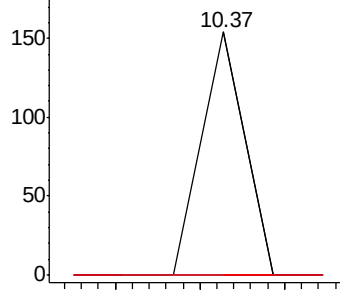
#32
Benzoic acid
Concen: 6.390 ng
RT: 10.37 min Scan# 1240
Delta R.T. 0.24 min
Lab File: BG045219.D
Acq: 1 May 2020 16:56

Instrument :
BNA_G
ClientSampleId :
JHDS-SOUTH-C

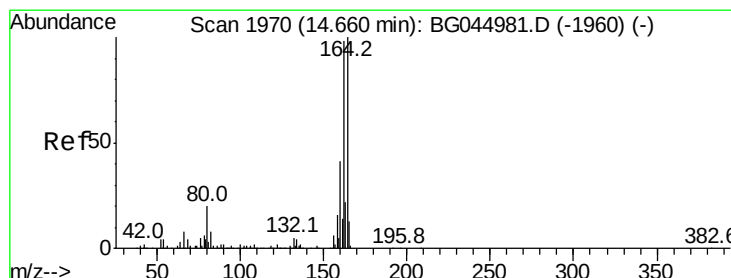
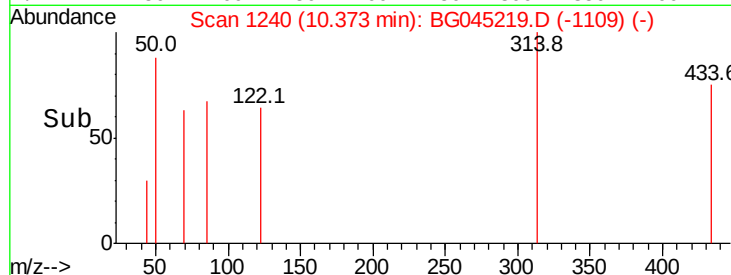
Tot Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 108.4 148.4#
77 0.0 78.8 118.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

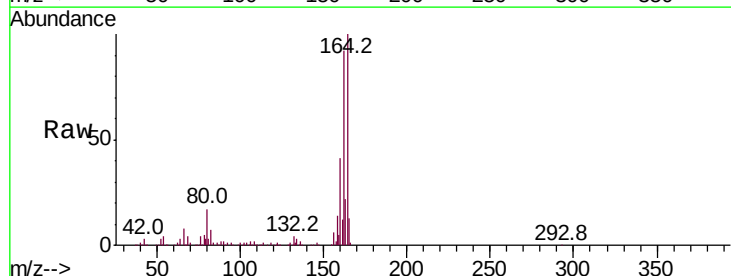


Time-->

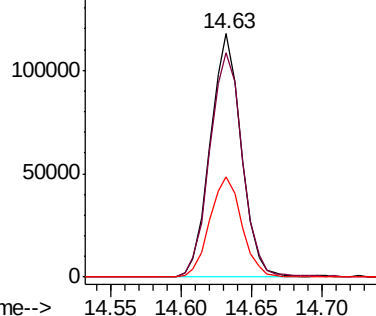


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045219.D
Acq: 1 May 2020 16:56

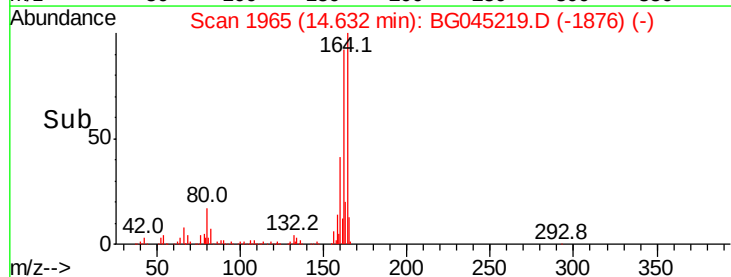
Tgt Ion:164 Resp: 181039
Ion Ratio Lower Upper
164 100
162 92.3 78.7 118.1
160 41.0 32.8 49.2

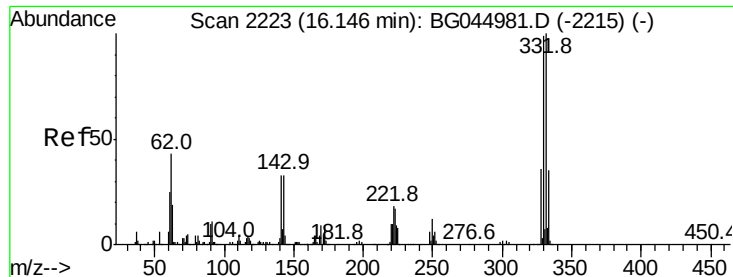


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





#42

2,4,6-Tribromophenol

Concen: 147.144 ng

RT: 16.12 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG045219.D

Acq: 1 May 2020 16:56

Instrument :

BNA_G

ClientSampleId :

JHDS-SOUTH-C

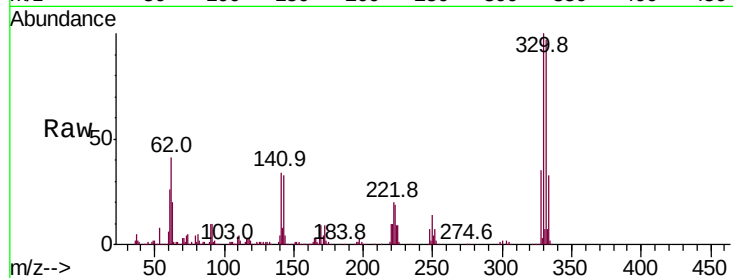
Tot Ion:330 Resp: 411536

Ion Ratio Lower Upper

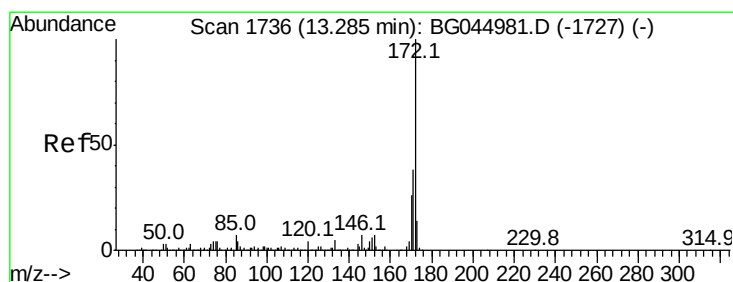
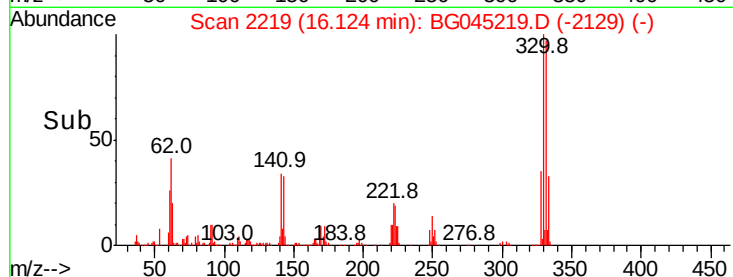
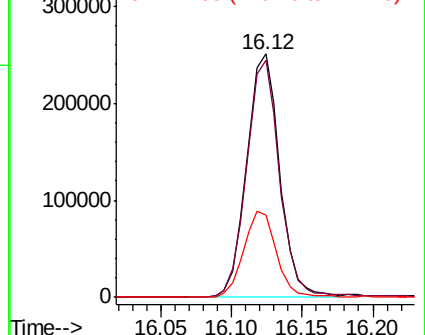
330 100

332 98.5 79.1 118.7

141 35.1 27.1 40.7



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: 92.222 ng

RT: 13.26 min Scan# 1731

Delta R.T. 0.00 min

Lab File: BG045219.D

Acq: 1 May 2020 16:56

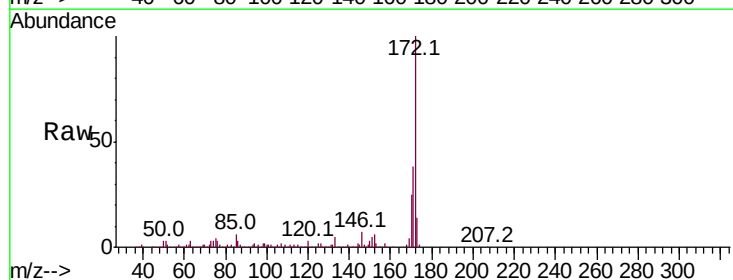
Tgt Ion:172 Resp: 1138622

Ion Ratio Lower Upper

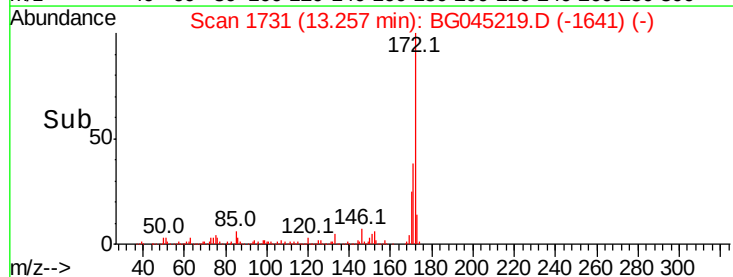
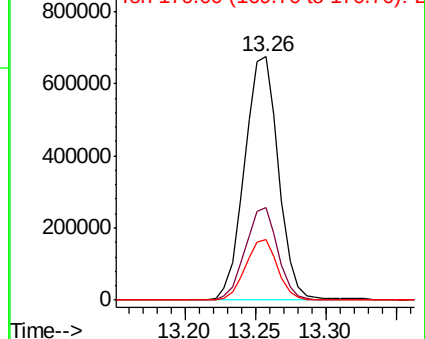
172 100

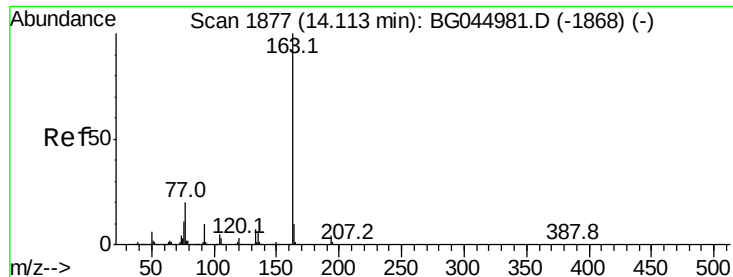
171 37.9 30.6 46.0

170 24.7 20.5 30.7



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

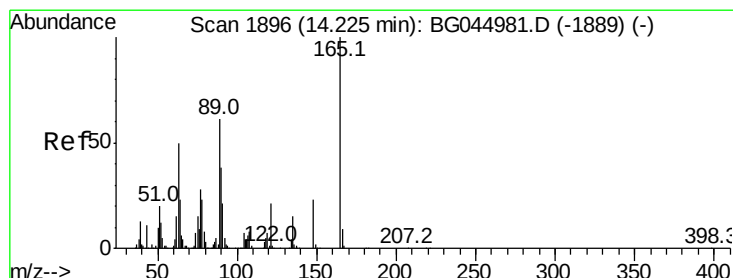
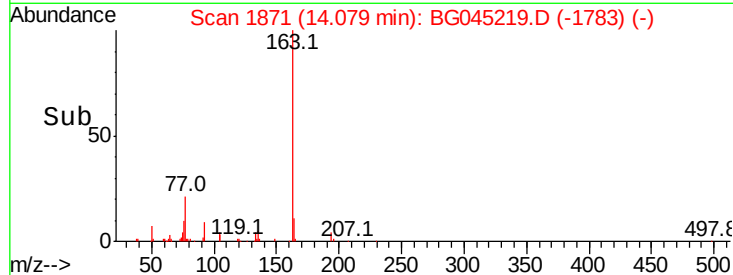
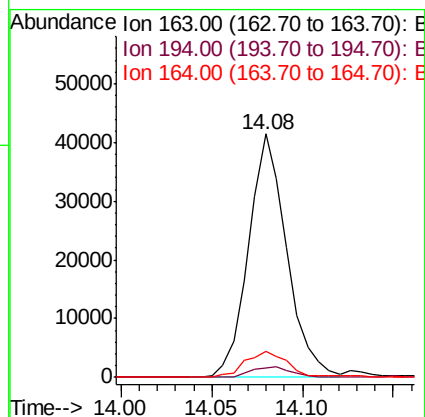
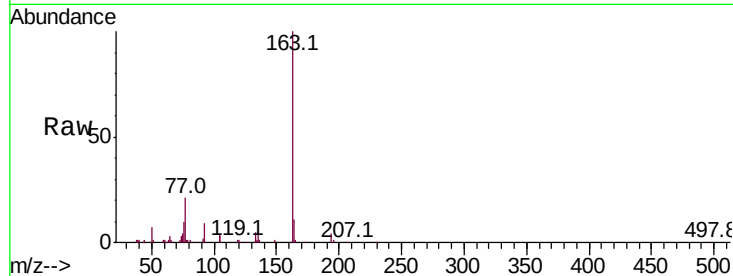




#50
Dimethylphthalate
Concen: 4.139 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045219.D
Acq: 1 May 2020 16:56

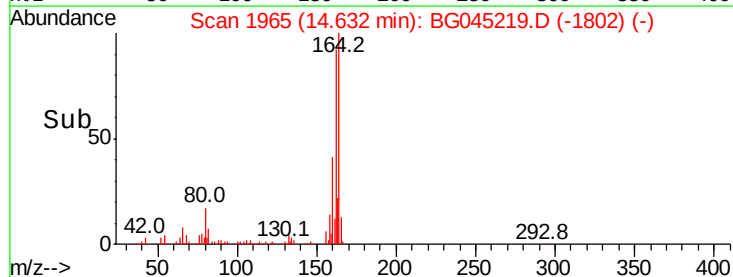
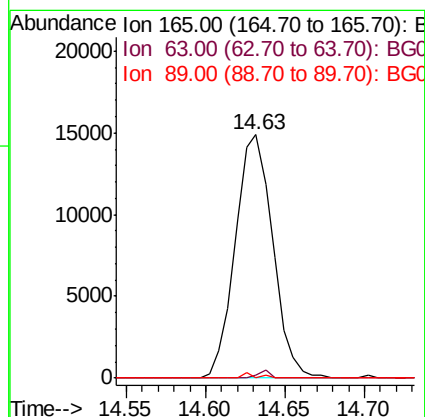
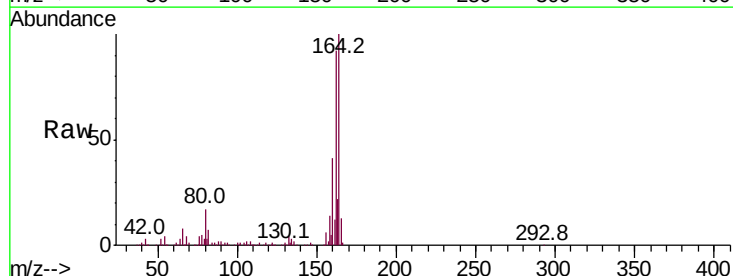
Instrument :
BNA_G
ClientSampleId :
JHDS-SOUTH-C

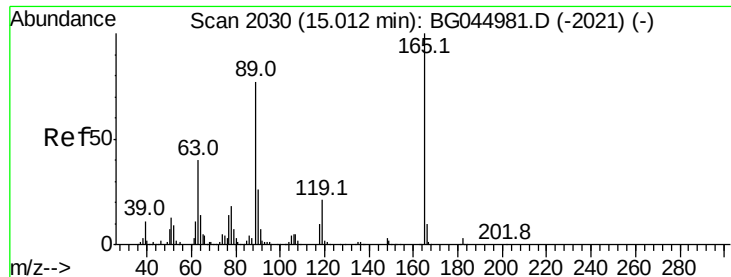
Tot Ion:163 Resp: 61016
Ion Ratio Lower Upper
163 100
194 3.7 3.5 5.3
164 10.8 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.387 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.43 min
Lab File: BG045219.D
Acq: 1 May 2020 16:56

Tgt Ion:165 Resp: 24355
Ion Ratio Lower Upper
165 100
63 1.2 40.4 60.6#
89 0.0 49.1 73.7#

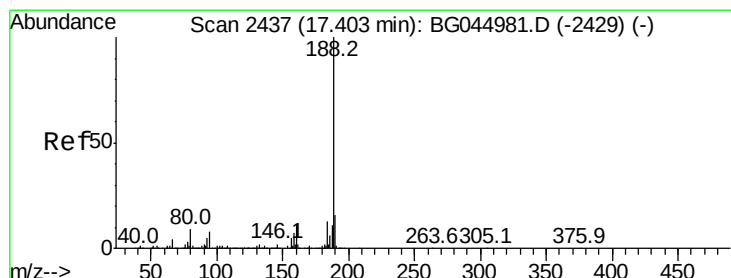
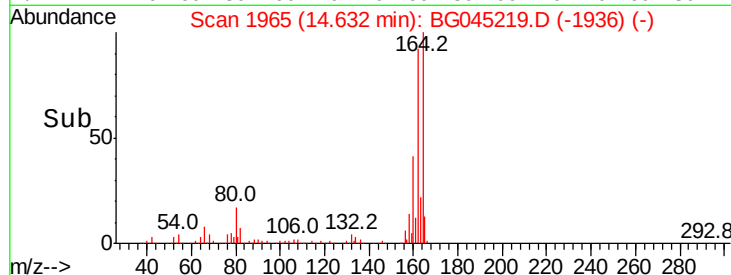
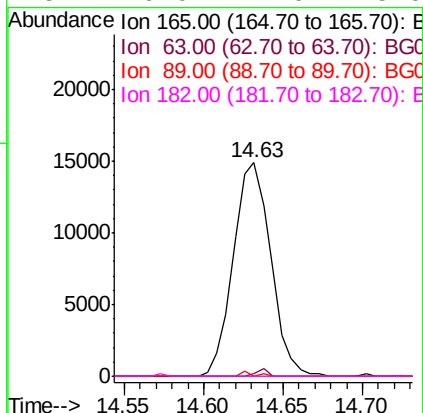
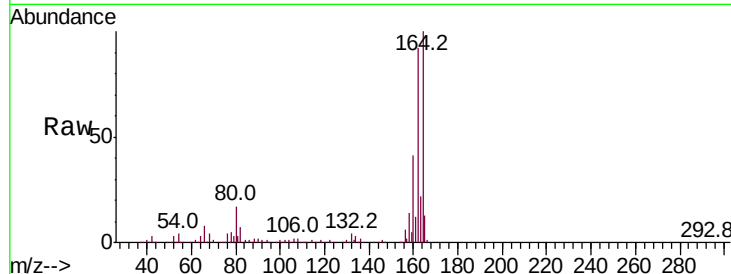




#57
 2,4-Dinitrotoluene
 Concen: 5.055 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.36 min
 Lab File: BG045219.D
 Acq: 1 May 2020 16:56

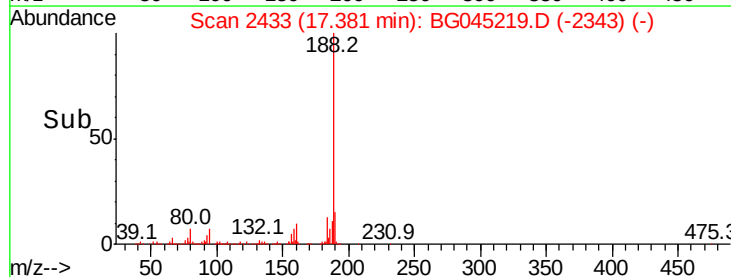
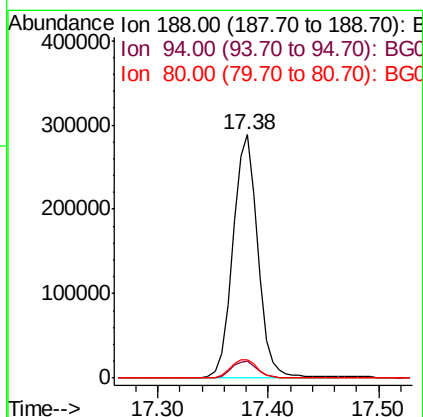
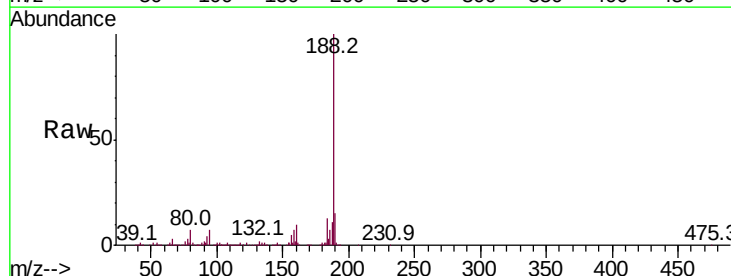
Instrument :
 BNA_G
 ClientSampleId :
 JHDS-SOUTH-C

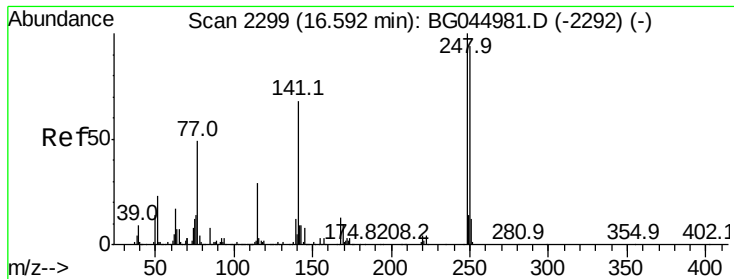
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.2	48.2#
89	0.0	61.7	92.5#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2433
 Delta R.T. 0.00 min
 Lab File: BG045219.D
 Acq: 1 May 2020 16:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	7.3	7.0	10.6

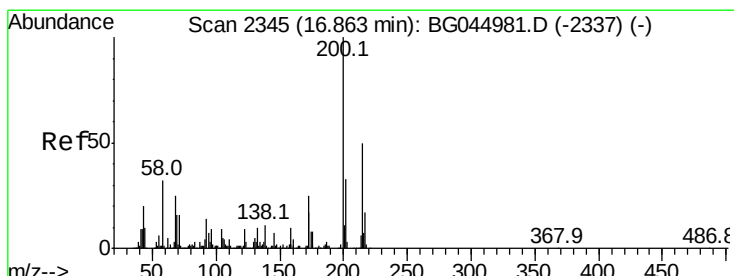
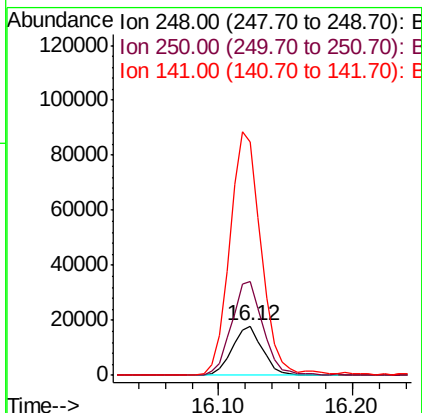
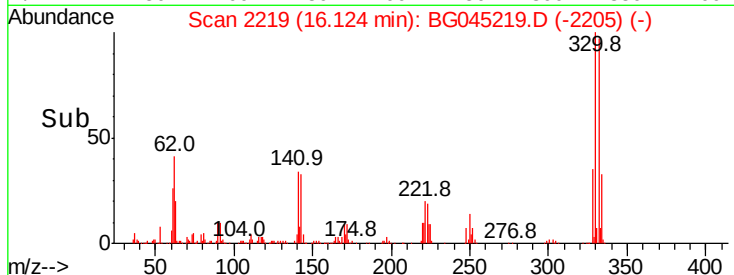
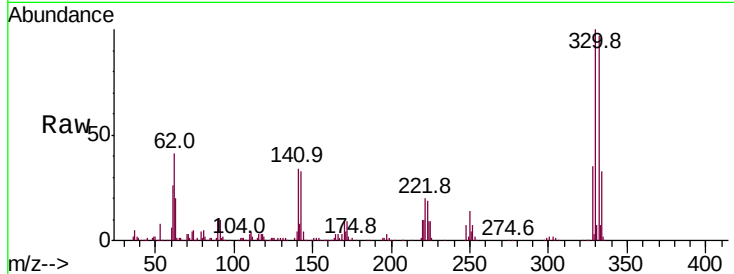




#67
4-Bromophenyl-phenylether
Concen: 4.786 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.45 min
Lab File: BG045219.D
Acq: 1 May 2020 16:56

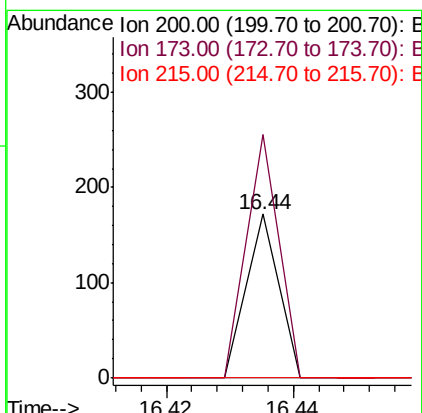
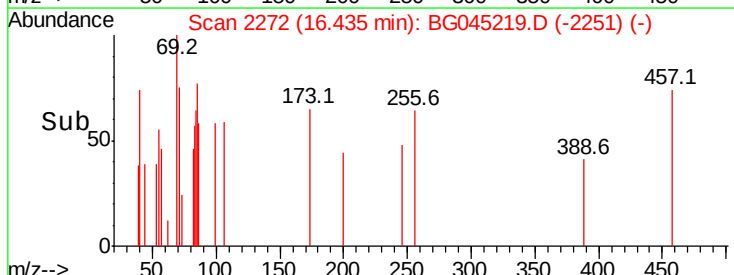
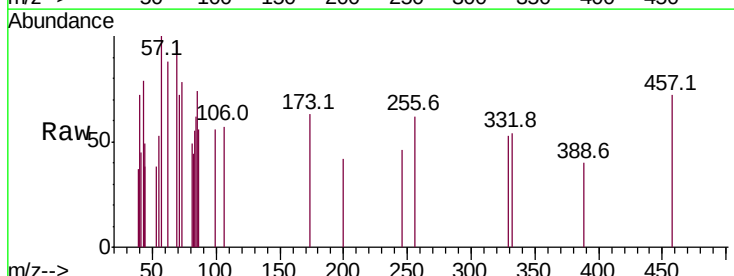
Instrument :
BNA_G
ClientSampleId :
JHDS-SOUTH-C

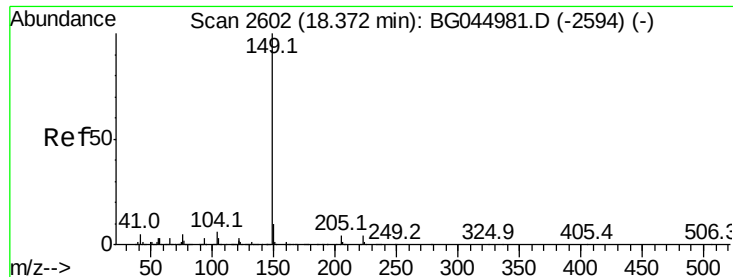
Tot Ion:248 Resp: 28348
Ion Ratio Lower Upper
248 100
250 191.0 75.4 113.2#
141 471.9 54.4 81.6#



#69
Atrazine
Concen: Below Cal
RT: 16.44 min Scan# 2272
Delta R.T. -0.40 min
Lab File: BG045219.D
Acq: 1 May 2020 16:56

Tgt Ion:200 Resp: 61
Ion Ratio Lower Upper
200 100
173 148.8 4.5 44.5#
215 0.0 30.0 70.0#





#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.34 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG045219.D

Acq: 1 May 2020 16:56

Instrument :

BNA_G

ClientSampleId :

JHDS-SOUTH-C

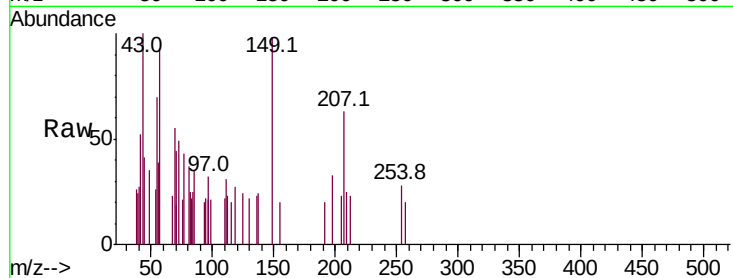
Tot Ion:149 Resp: 1232

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

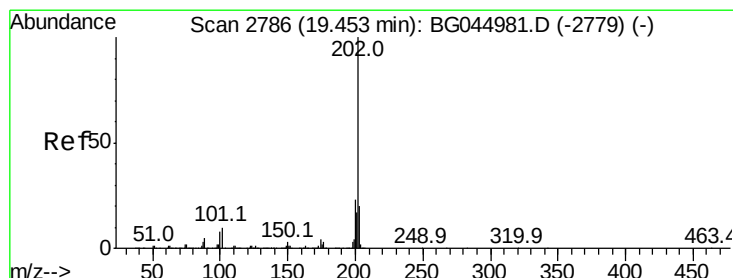
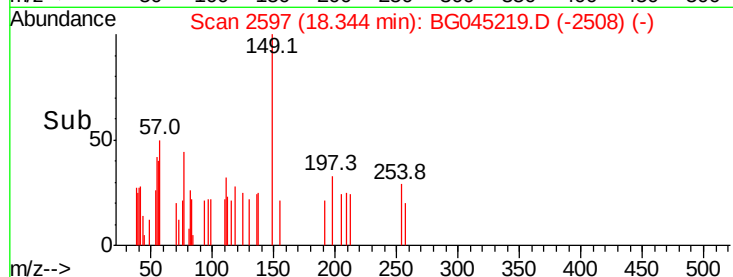
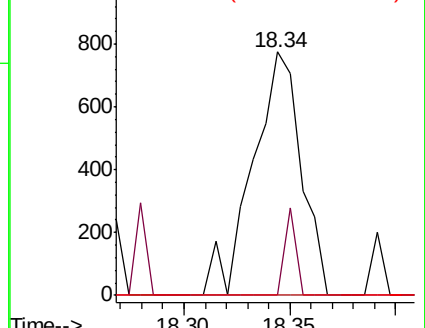
104 0.0 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: Below Cal

RT: 19.44 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG045219.D

Acq: 1 May 2020 16:56

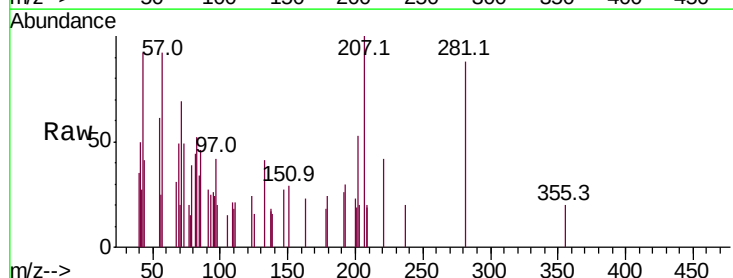
Tgt Ion:202 Resp: 840

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

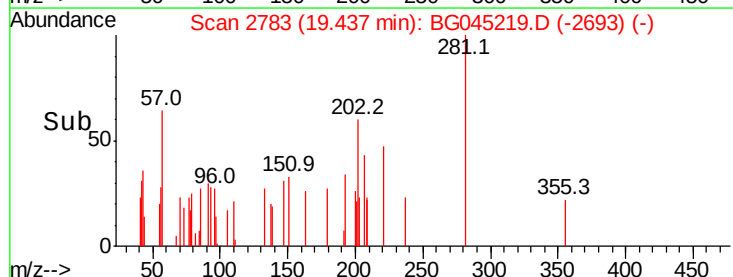
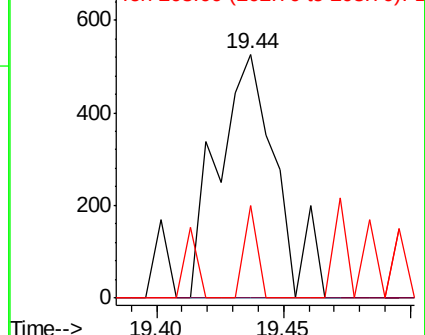
203 37.8 0.0 39.7

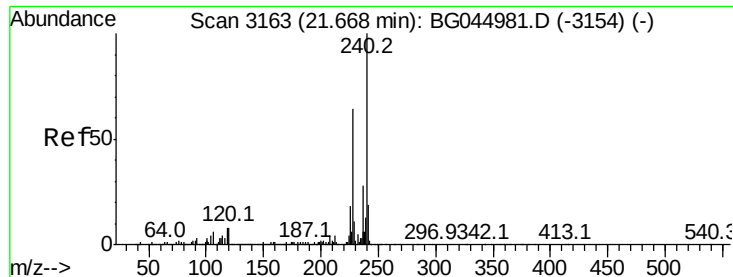


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045219.D

Acq: 1 May 2020 16:56

Instrument :

BNA_G

ClientSampleId :

JHDS-SOUTH-C

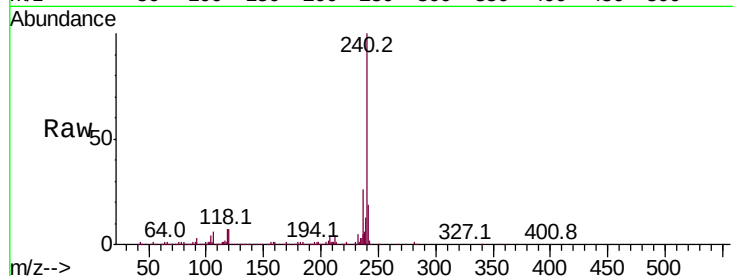
Tot Ion:240 Resp: 465988

Ion Ratio Lower Upper

240 100

120 7.2 6.6 10.0

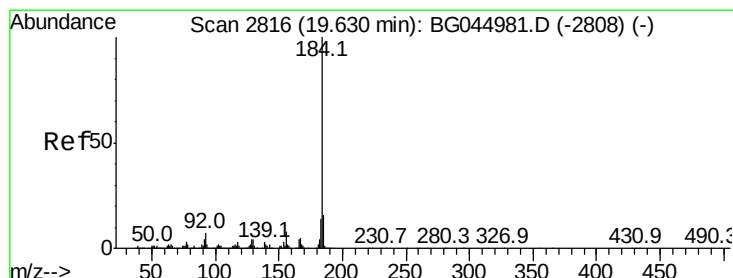
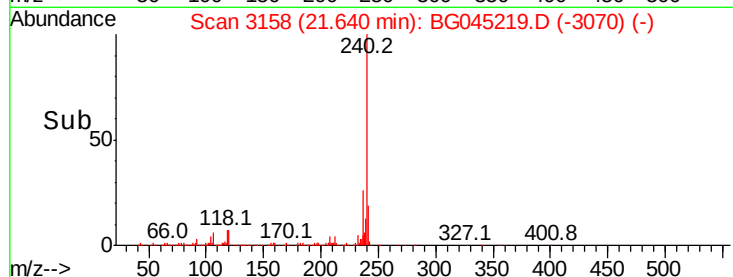
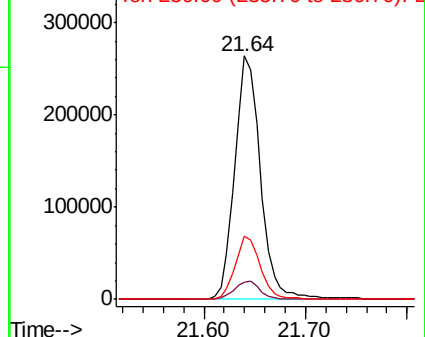
236 25.9 22.2 33.2



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



#77

Benzidine

Concen: Below Cal

RT: 19.62 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG045219.D

Acq: 1 May 2020 16:56

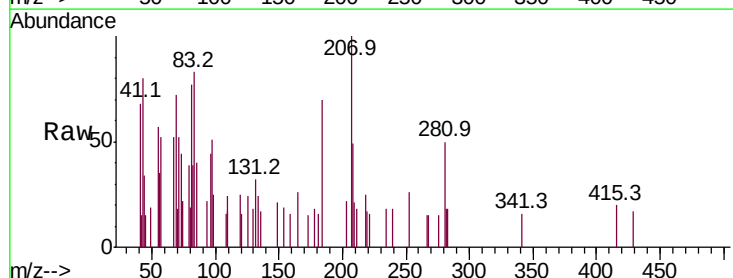
Tgt Ion:184 Resp: 1379

Ion Ratio Lower Upper

184 100

185 0.0 12.6 19.0#

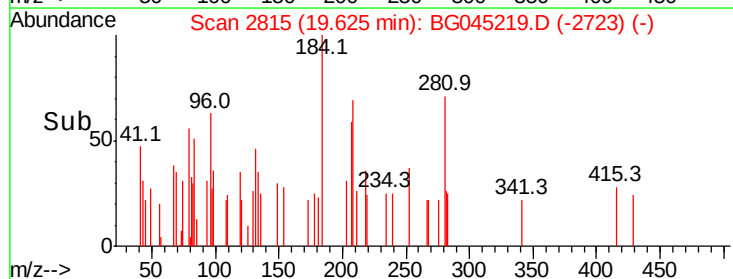
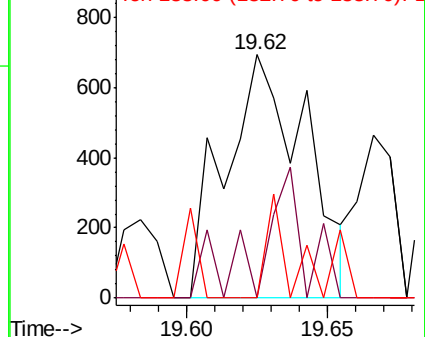
183 0.0 11.3 16.9#

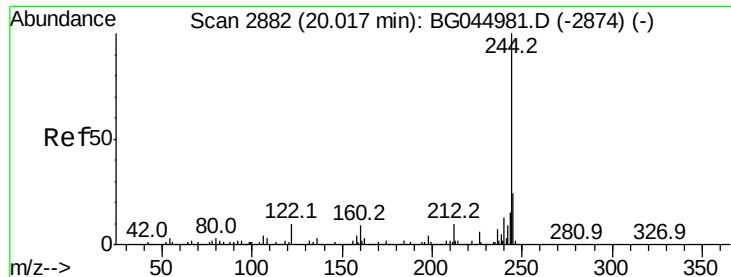


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

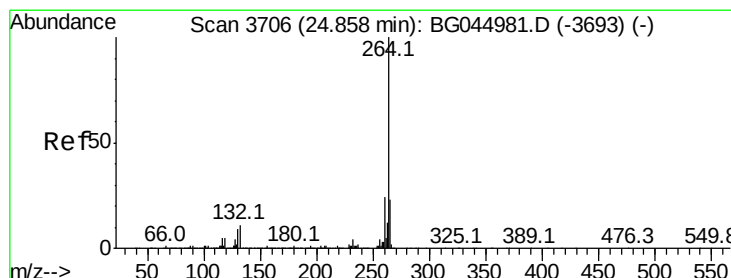
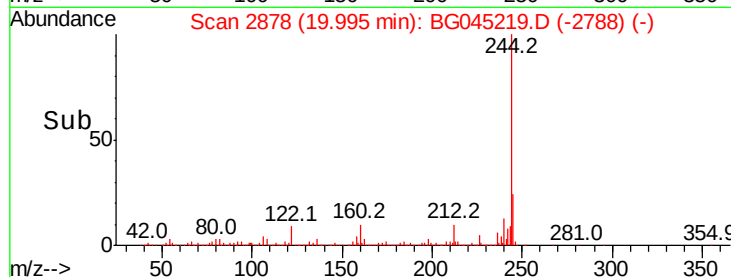
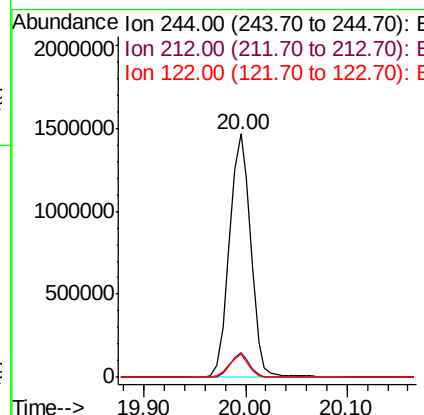
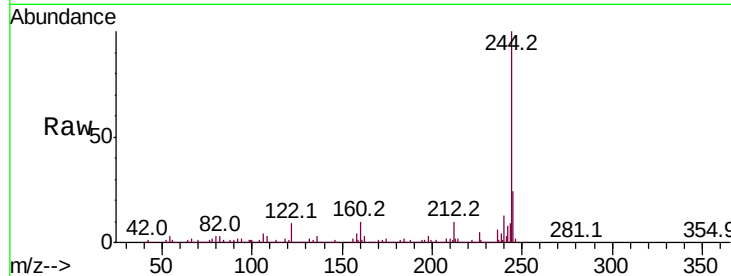




#79
 Terphenyl-d14
 Concen: 100.661 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BG045219.D
 Acq: 1 May 2020 16:56

Instrument :
 BNA_G
 ClientSampleId :
 JHDS-SOUTH-C

Tot Ion:244 Resp: 2152108
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.9 11.9
 122 9.5 7.7 11.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BG045219.D
 Acq: 1 May 2020 16:56

Tgt Ion:264 Resp: 506757
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.7 19.0 28.4

