

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096381.D
 Acq On : 1 Jul 2017 16:18
 Operator : SJ/MA
 Sample : I3908-01 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:47:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

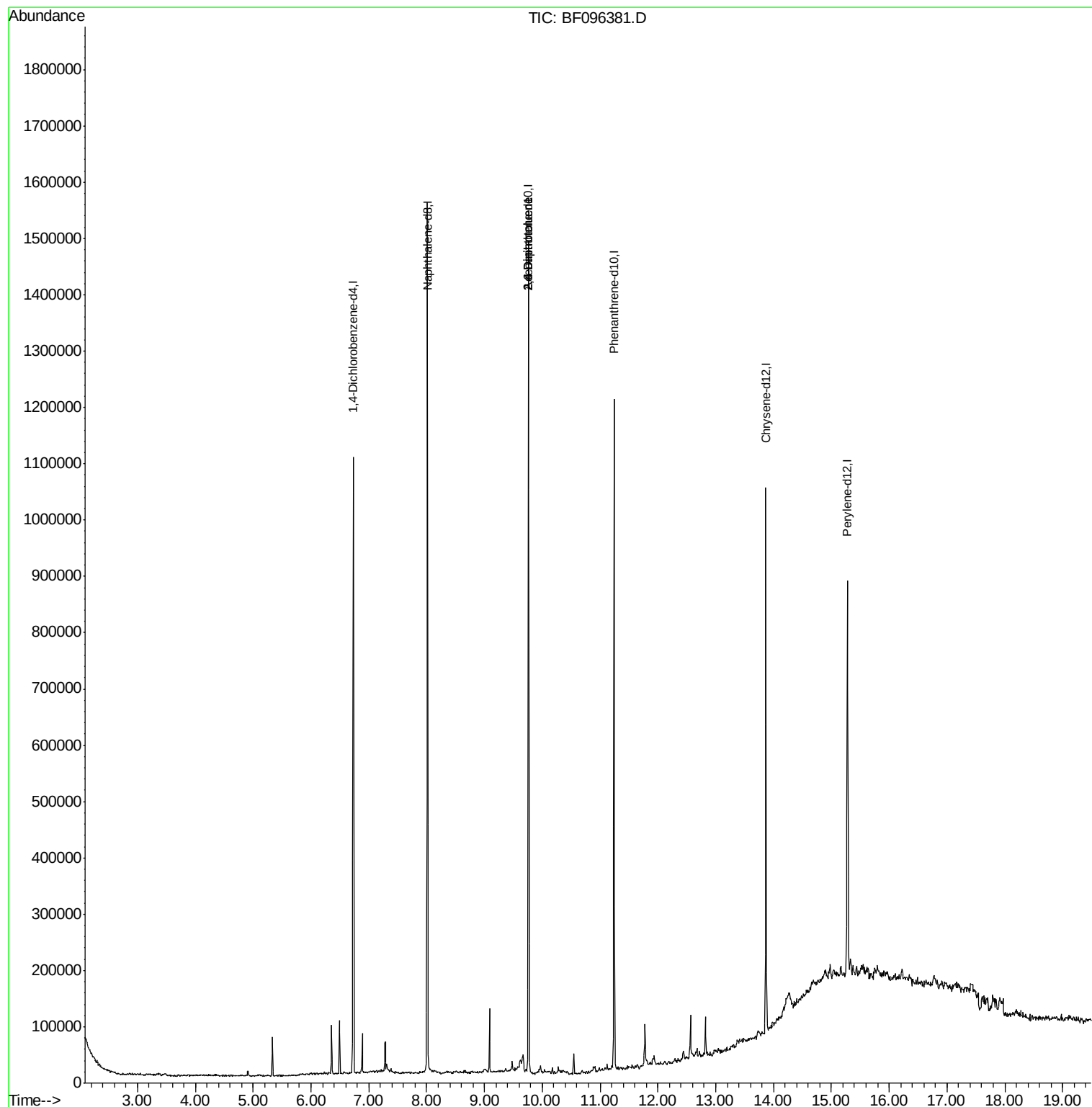
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	165383	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	695920	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	276054	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	420837	20.00	ng	0.00
75) Chrysene-d12	13.87	240	284889	20.00	ng	-0.01
86) Perylene-d12	15.28	264	285977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	17975	1.60	ng	-0.01
7) Phenol-d6	6.36	99	26970	1.96	ng	-0.02
23) Nitrobenzene-d5	7.29	82	15352	1.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	3489	1.62	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	30044	1.86	ng	-0.01
78) Terphenyl-d14	12.82	244	14807	1.11	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.76	165	34926	7.66	ng	# 33
56) 2,4-Dinitrotoluene	9.76	165	34926	6.05	ng	# 33

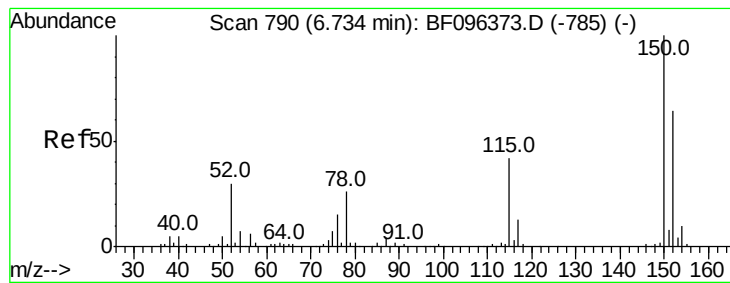
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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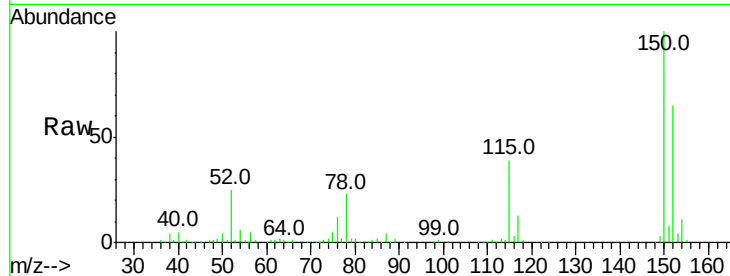


#1

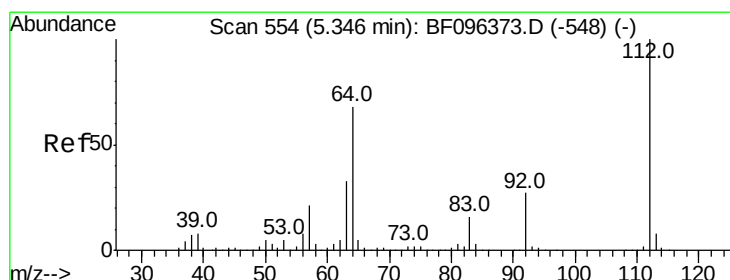
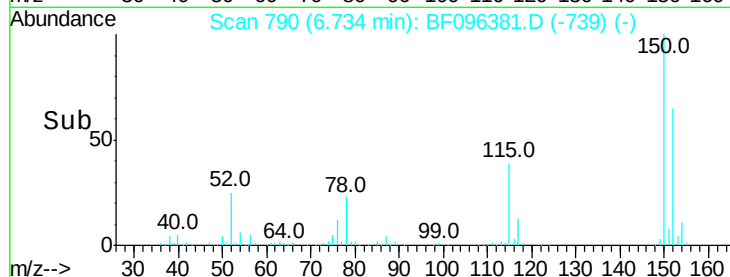
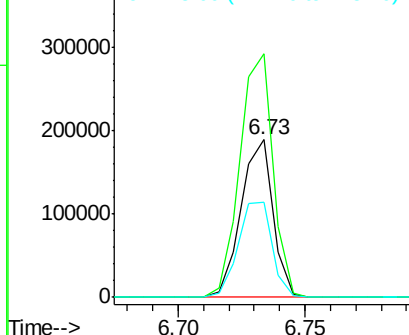
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096381.D
Acq: 1 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165383
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 60.8 52.2 78.2



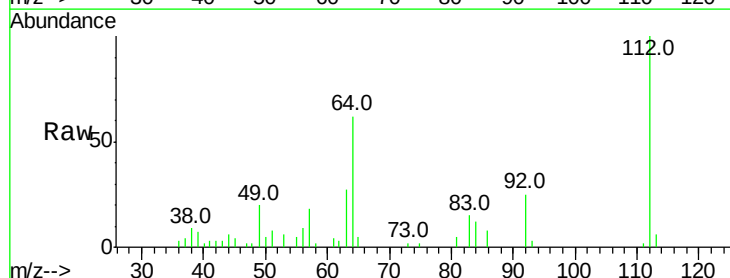
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



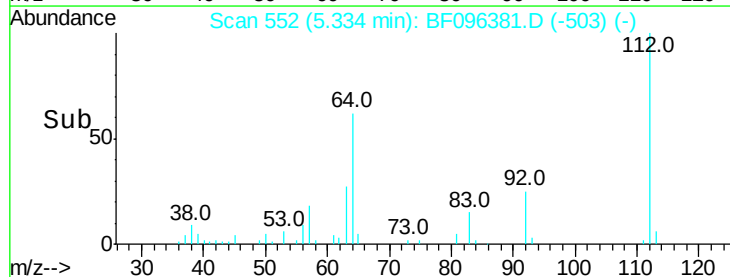
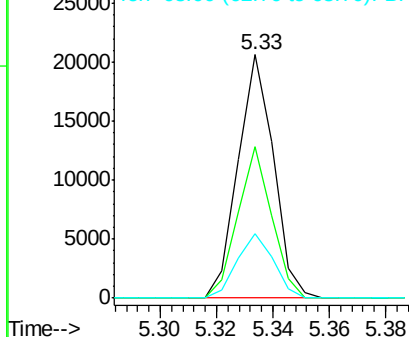
#5

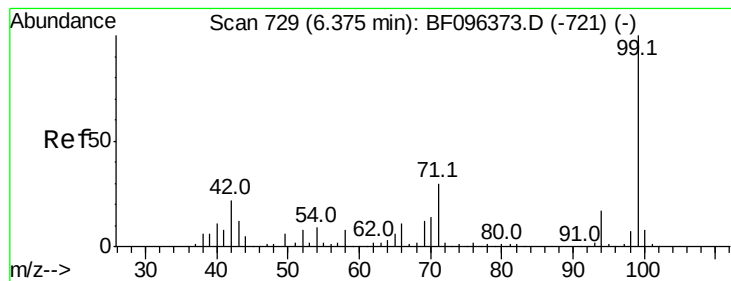
2-Fluorophenol
Concen: 1.60 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF096381.D
Acq: 1 Jul 2017 16:18

Tgt Ion:112 Resp: 17975
Ion Ratio Lower Upper
112 100
64 62.0 46.0 69.0
63 26.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.96 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

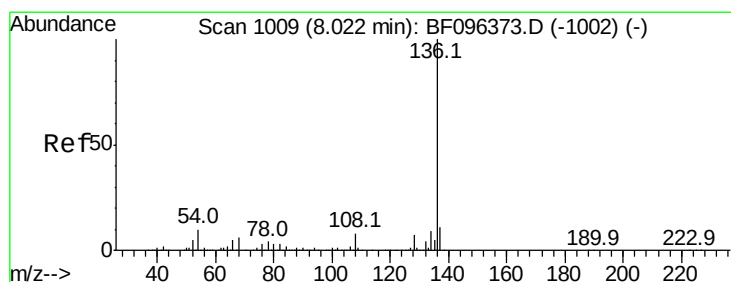
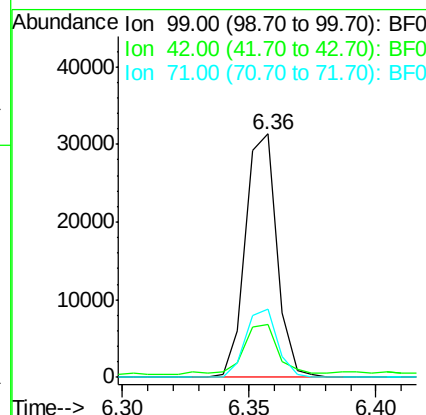
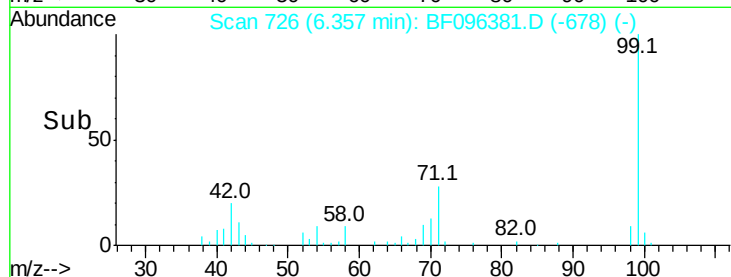
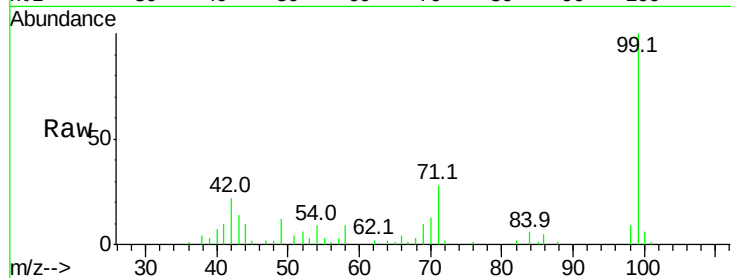
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 26970

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	28.2	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

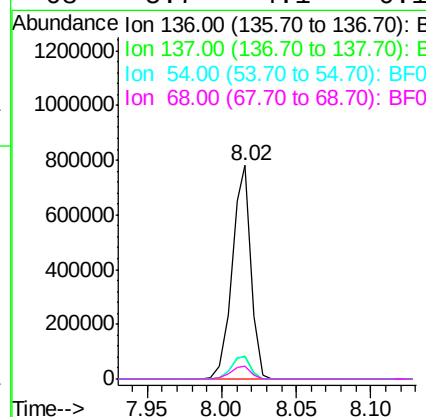
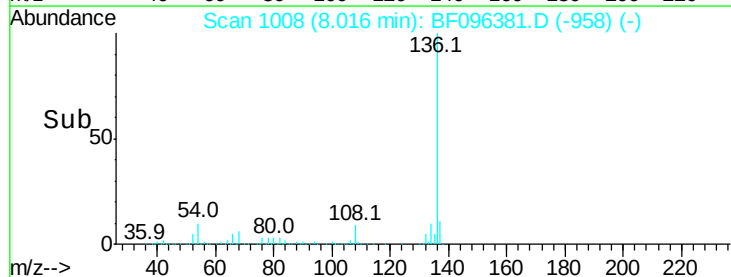
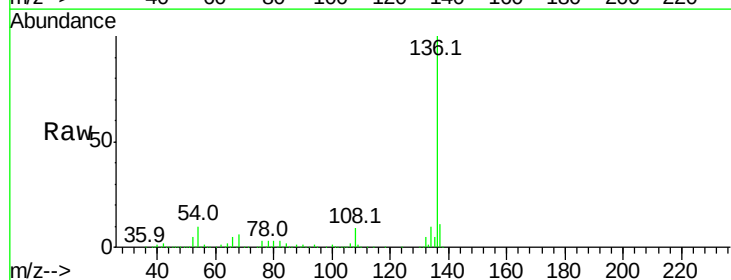
Delta R.T. -0.01 min

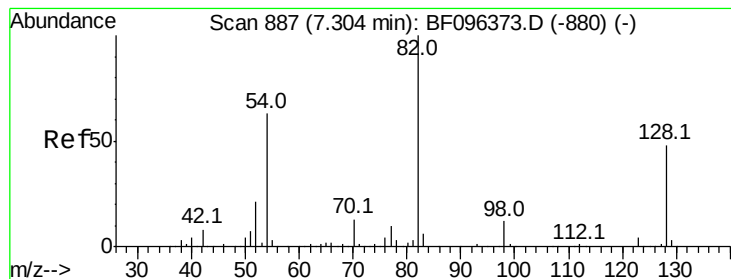
Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

Tgt Ion: 136 Resp: 695920

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.9	4.9	7.3#
68	5.7	4.1	6.1





#23

Nitrobenzene-d5

Concen: 1.33 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

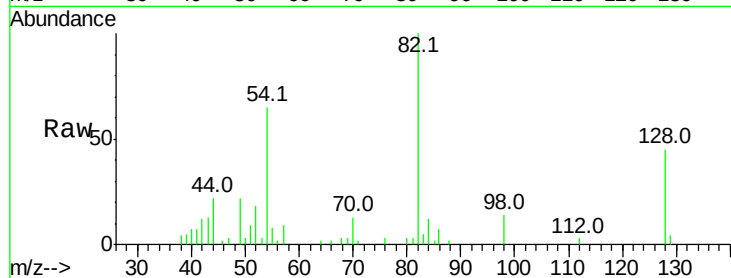
Tot Ion: 82 Resp: 15352

Ion Ratio Lower Upper

82 100

128 45.3 34.0 51.0

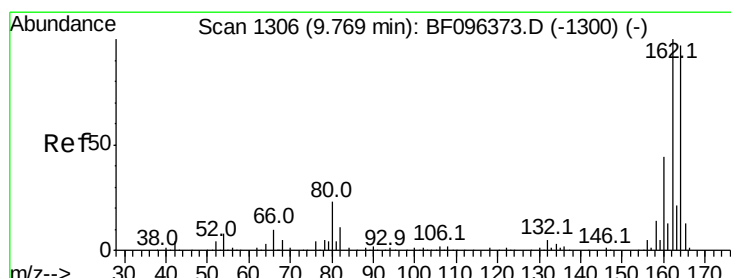
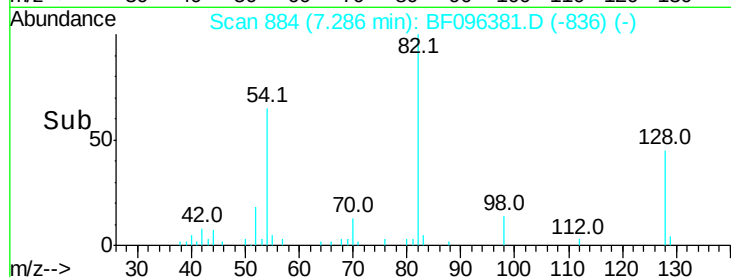
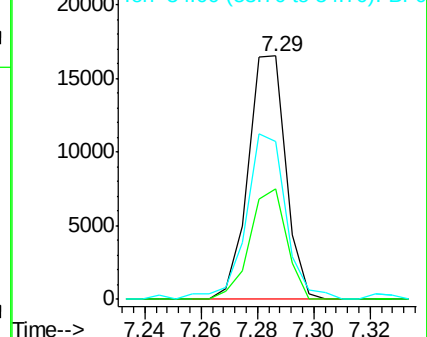
54 64.8 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

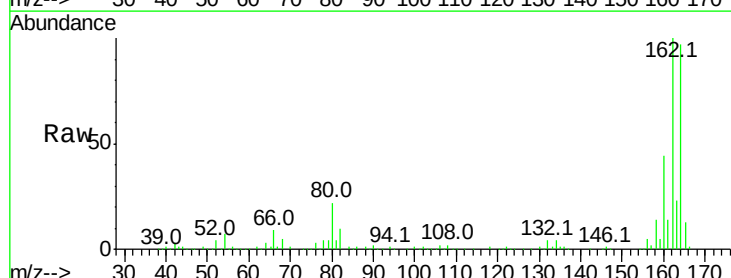
Tgt Ion:164 Resp: 276054

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

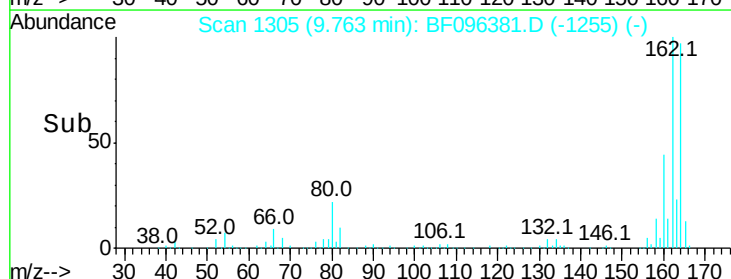
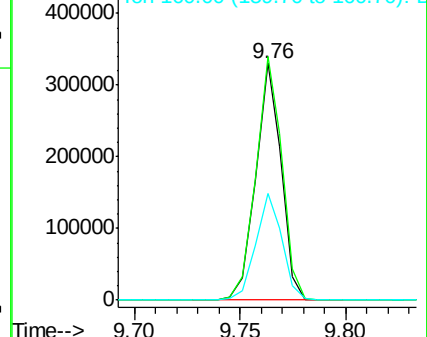
160 45.2 36.2 54.2

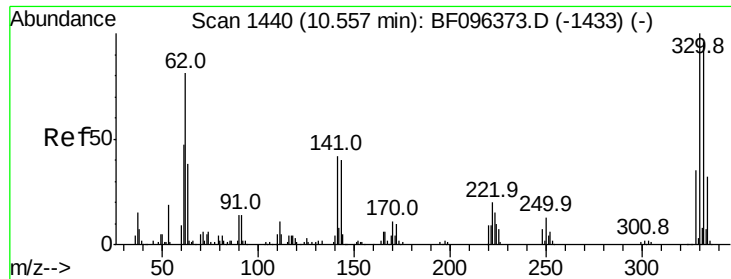


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 1.62 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

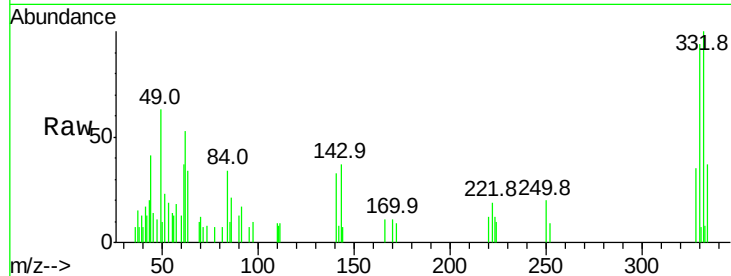
Tot Ion:330 Resp: 3489

Ion Ratio Lower Upper

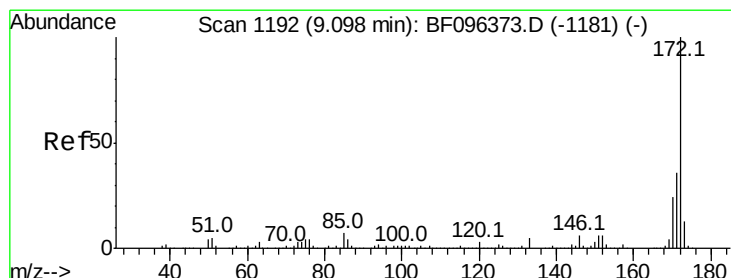
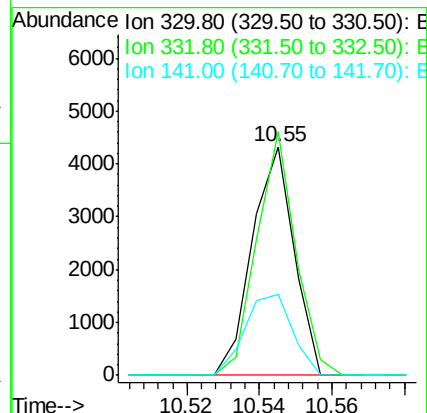
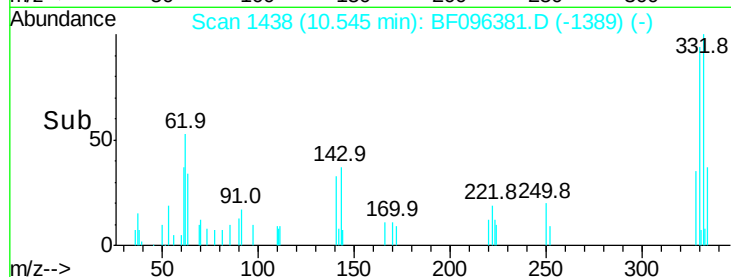
330 100

332 99.5 76.6 115.0

141 40.6 31.4 47.2



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



#44

2-Fluorobiphenyl

Concen: 1.86 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

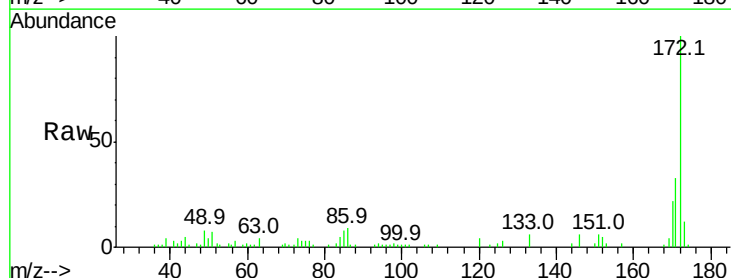
Tgt Ion:172 Resp: 30044

Ion Ratio Lower Upper

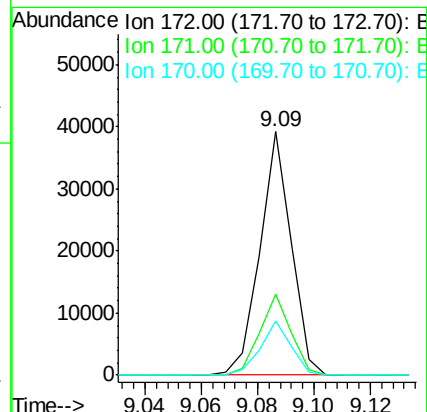
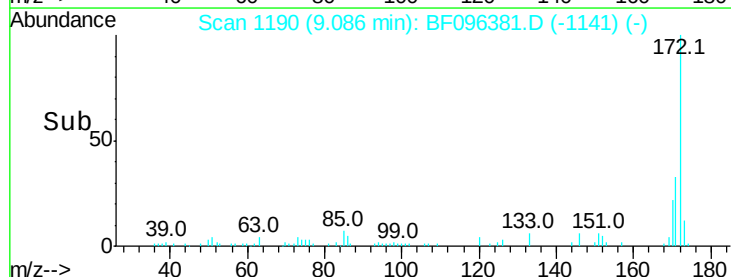
172 100

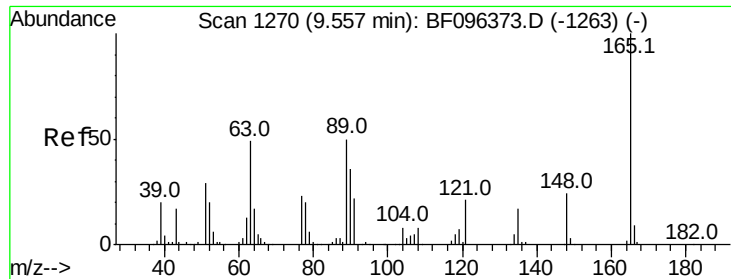
171 33.5 29.6 44.4

170 22.4 19.8 29.8



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

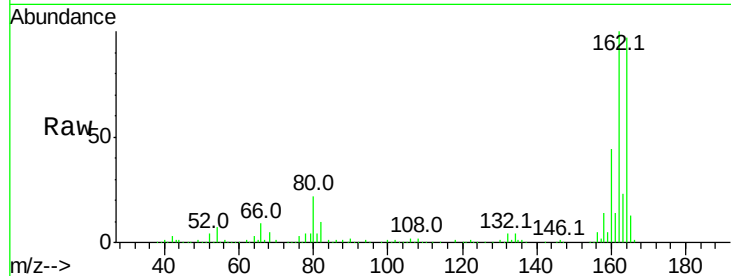




#50
 2,6-Dinitrotoluene
 Concen: 7.66 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF096381.D
 Acq: 1 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

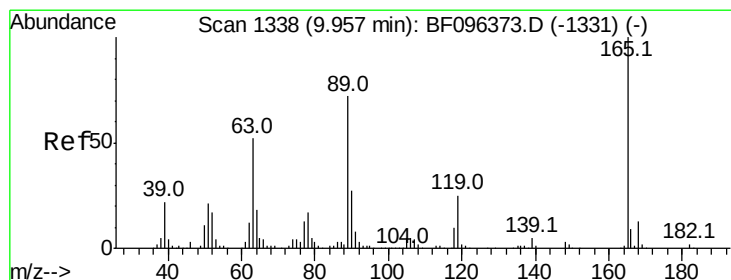
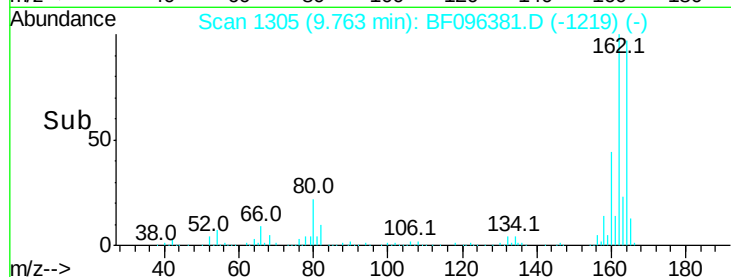
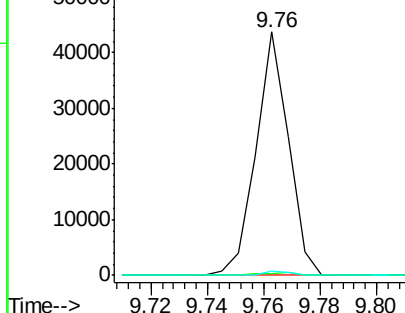
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	34.3	51.5#
89	1.5	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

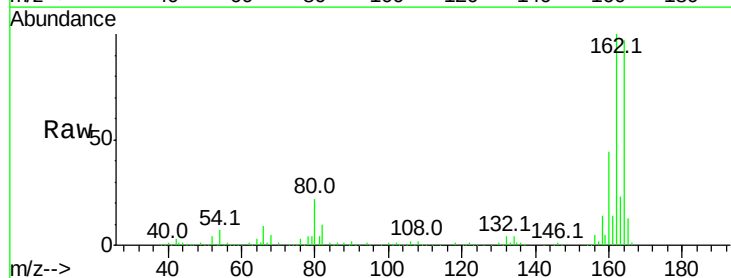
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF096381.D
 Acq: 1 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

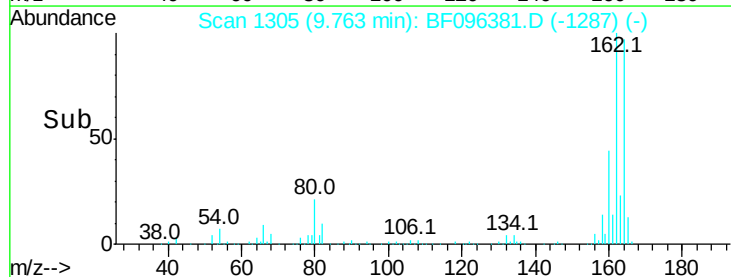
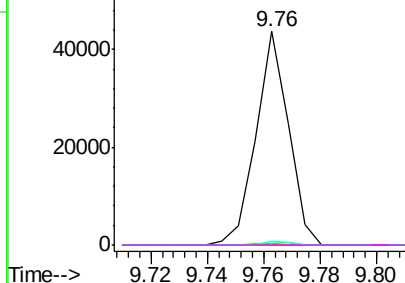


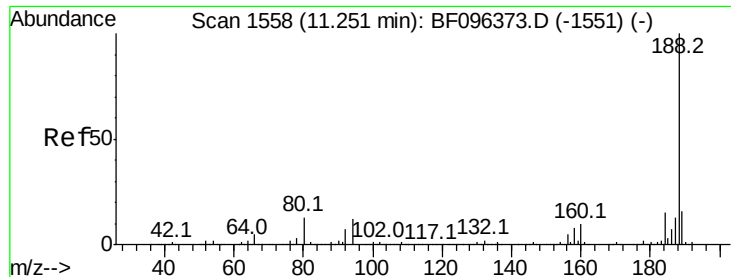
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

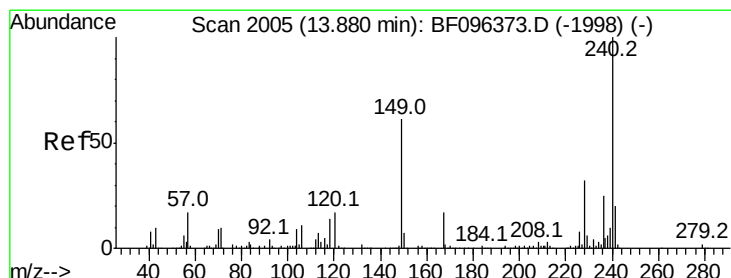
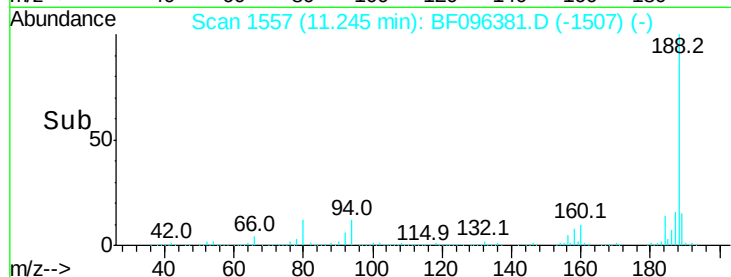
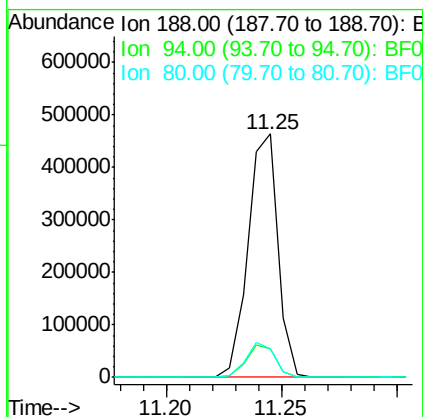
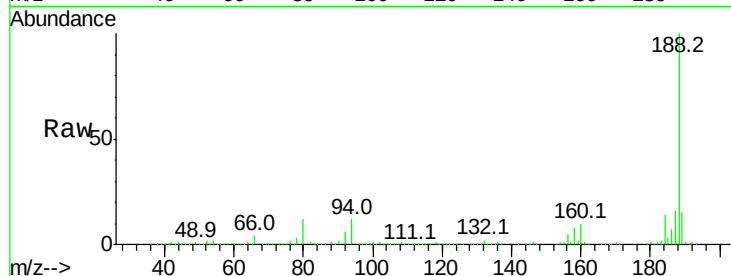




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096381.D
Acq: 1 Jul 2017 16:18

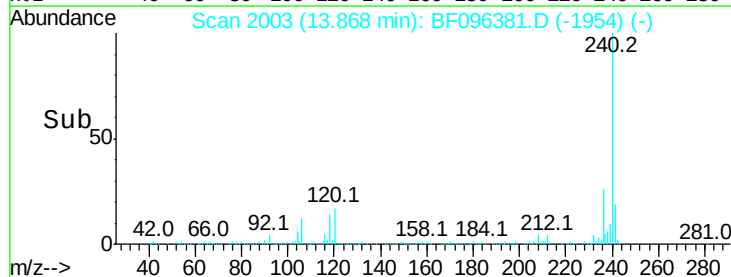
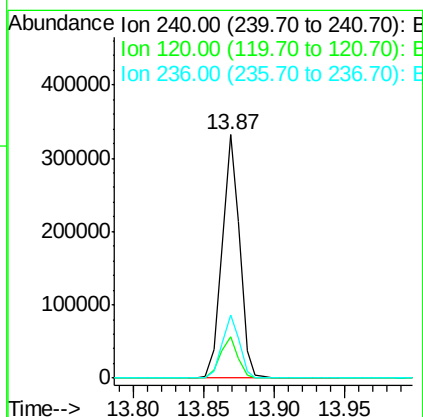
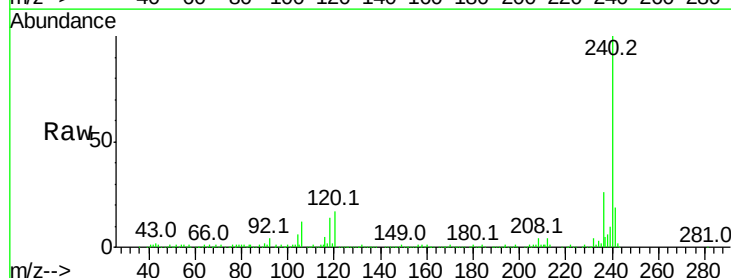
Instrument :
BNA_F
ClientSampleId :

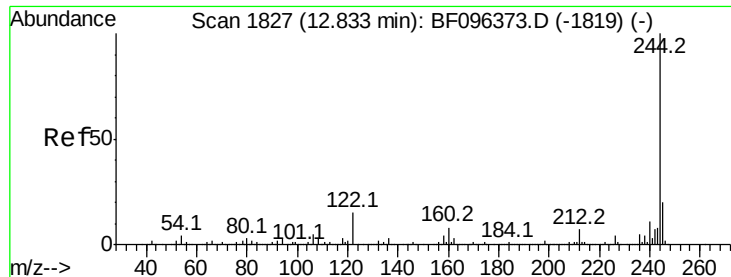
Tot Ion:188 Resp: 420837
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 11.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096381.D
Acq: 1 Jul 2017 16:18

Tgt Ion:240 Resp: 284889
Ion Ratio Lower Upper
240 100
120 16.9 5.8 8.8#
236 26.1 20.5 30.7





#78

Terphenyl-d14

Concen: 1.11 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

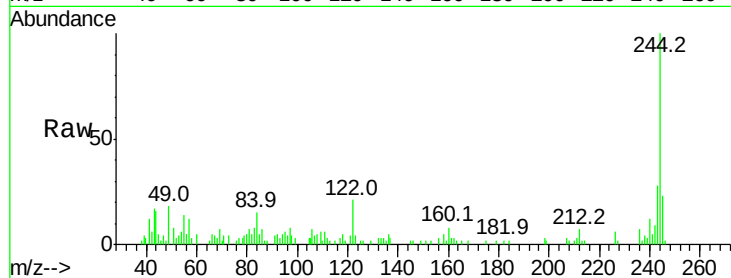
Tot Ion:244 Resp: 14807

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

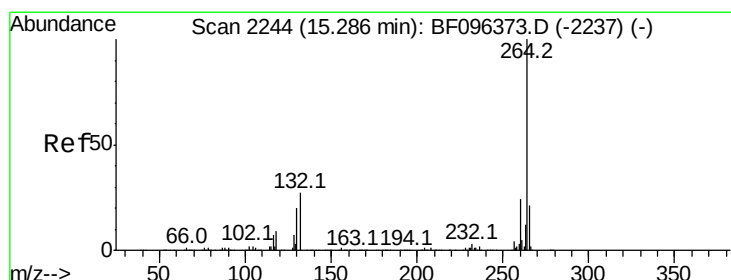
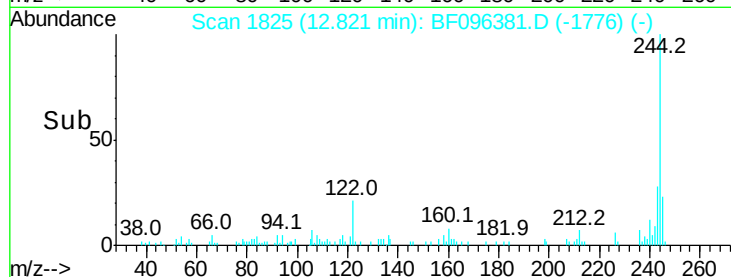
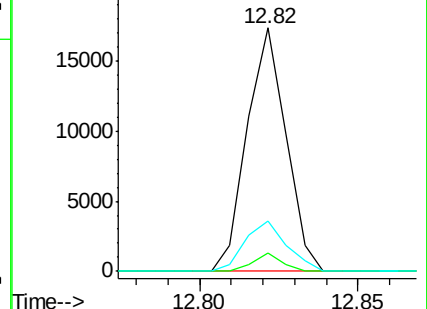
122 20.8 10.3 15.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

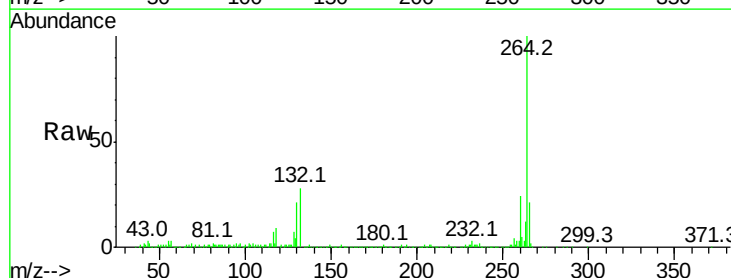
Tgt Ion:264 Resp: 285977

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.2 17.2 25.8



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

