

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096600.D
 Acq On : 10 Jul 2017 14:51
 Operator : SJ/JU
 Sample : I4061-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C

Quant Time: Jul 11 02:24:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

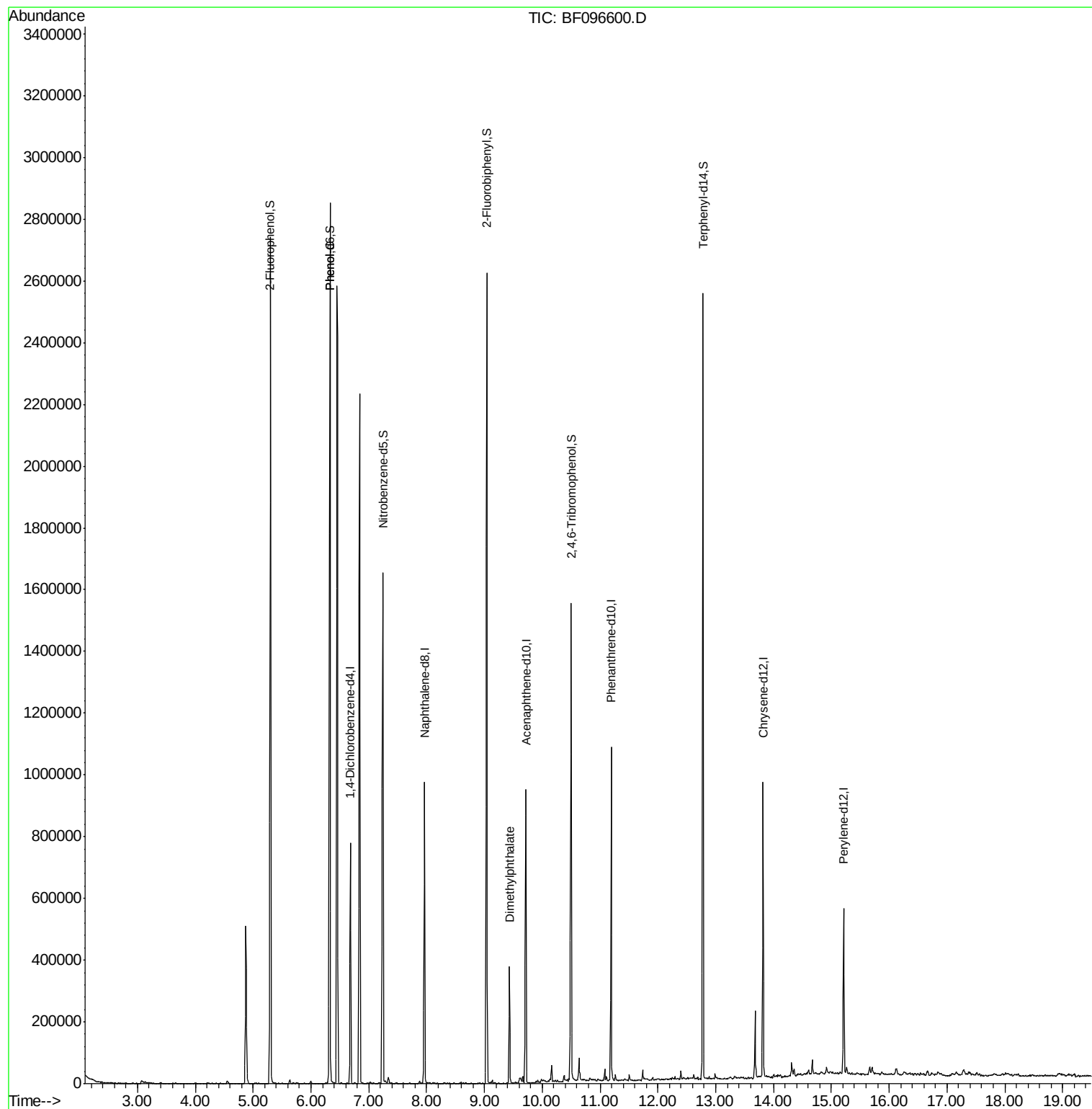
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	107749	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	456119	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	207625	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	380712	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	336585	20.00	ng	-0.02
86) Perylene-d12	15.22	264	221907	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	784024	107.40	ng	-0.01
7) Phenol-d6	6.33	99	1069880	119.21	ng	-0.02
23) Nitrobenzene-d5	7.25	82	570112	75.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	185928	114.64	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1006675	82.90	ng	-0.02
78) Terphenyl-d14	12.78	244	854647	54.26	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	36438	3.56	ng	97
49) Dimethylphthalate	9.43	163	144383	9.32	ng	99

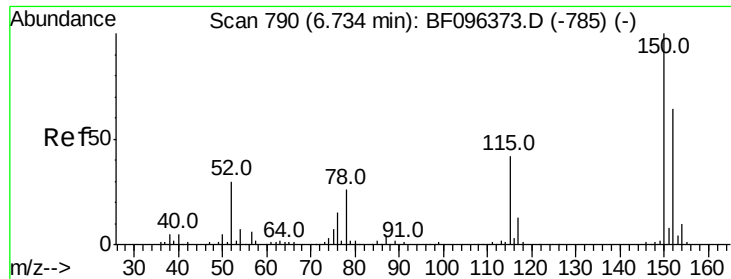
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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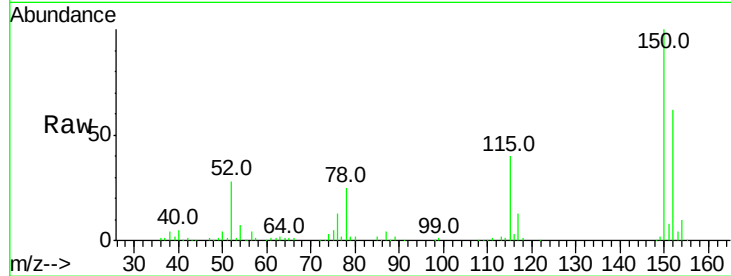


#1

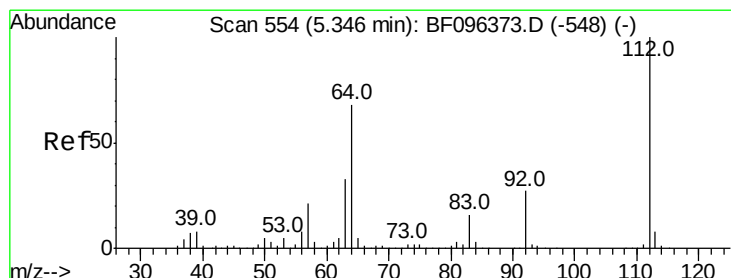
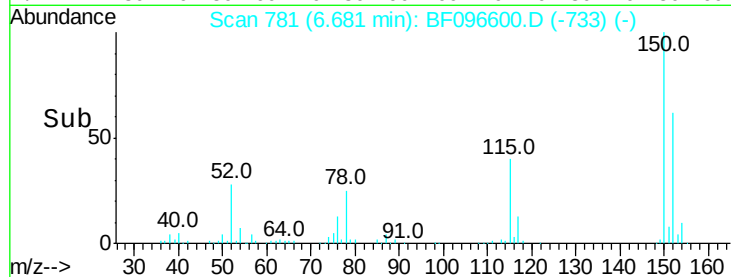
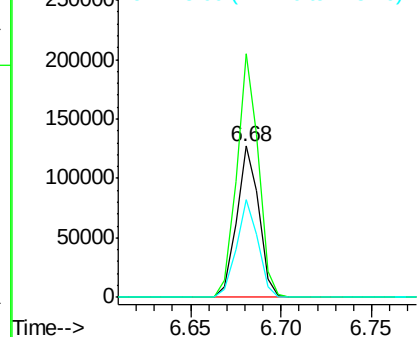
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Instrument :
BNA_F
ClientSampleId :
SP-1-C

Tot Ion:152 Resp: 107749
Ion Ratio Lower Upper
152 100
150 160.8 126.2 189.2
115 64.9 52.2 78.2



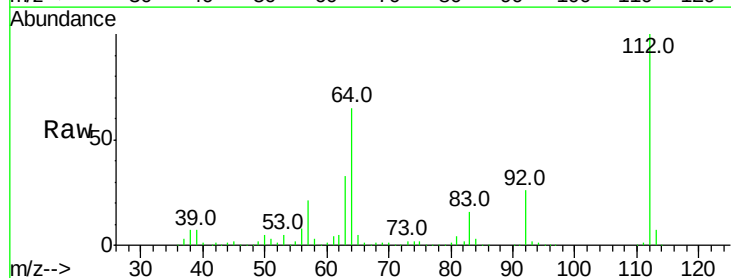
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



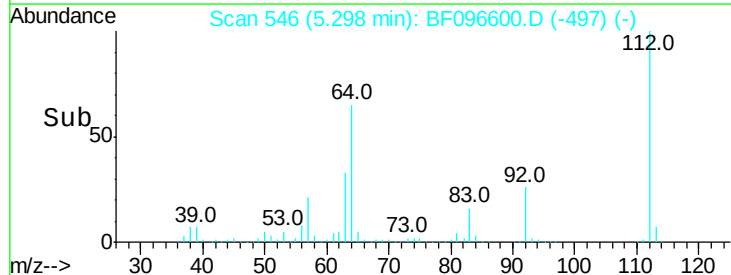
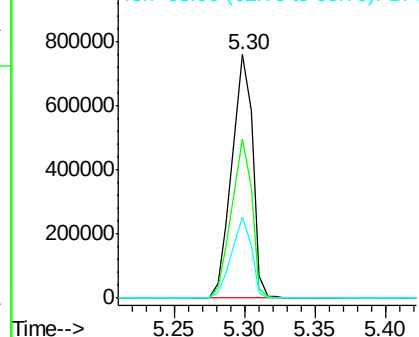
#5

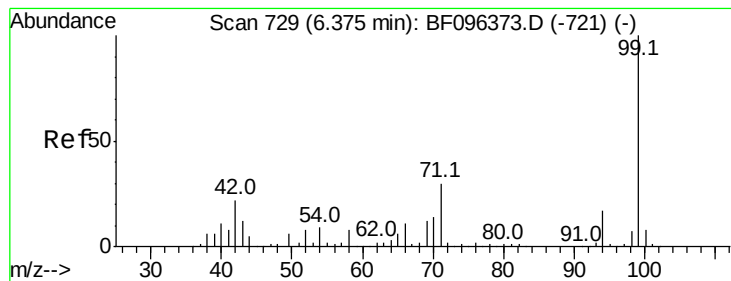
2-Fluorophenol
Concen: 107.40 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Tgt Ion:112 Resp: 784024
Ion Ratio Lower Upper
112 100
64 65.5 46.0 69.0
63 33.1 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: 119.21 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096600.D

Acq: 10 Jul 2017 14:51

Instrument :

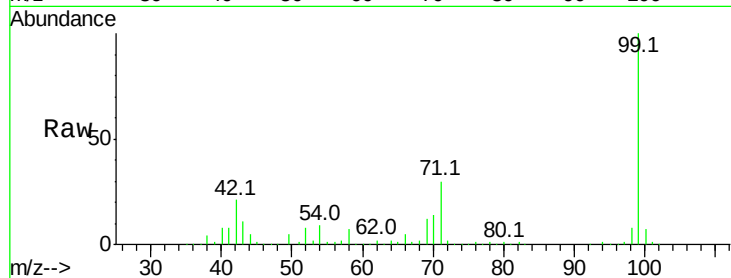
BNA_F

ClientSampleId :

SP-1-C

Tot Ion: 99 Resp: 1069880

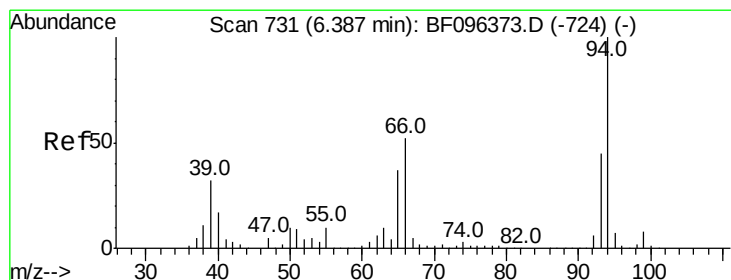
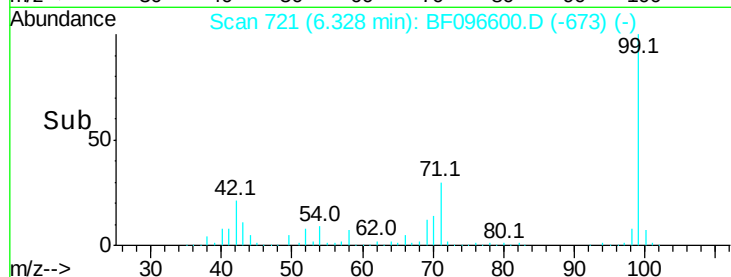
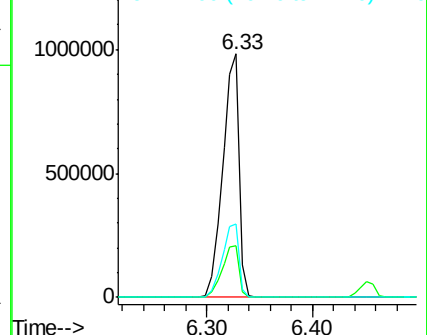
Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	30.1	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.56 ng

RT: 6.33 min Scan# 722

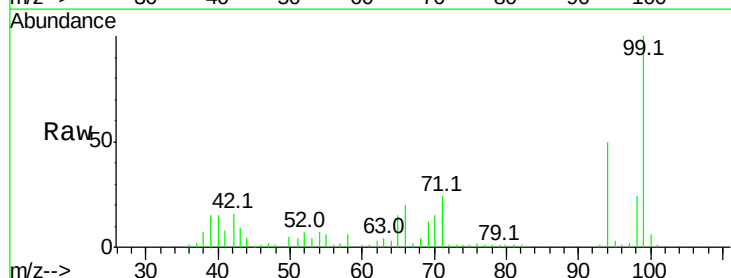
Delta R.T. -0.02 min

Lab File: BF096600.D

Acq: 10 Jul 2017 14:51

Tgt Ion: 94 Resp: 36438

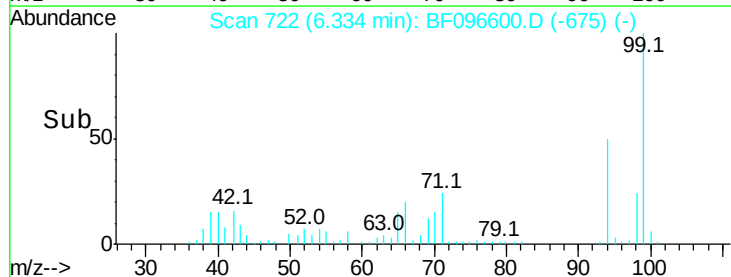
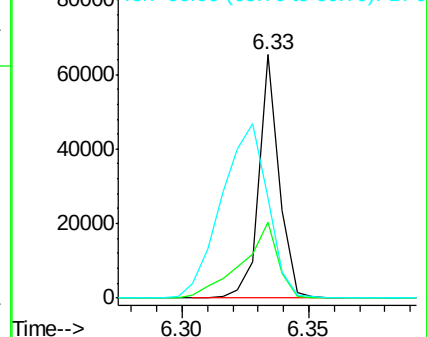
Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.9	49.9
66	41.0	23.1	63.1

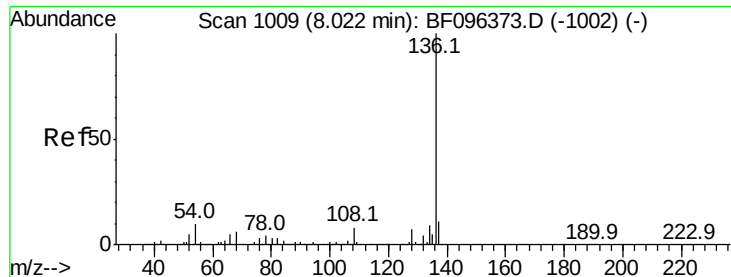


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

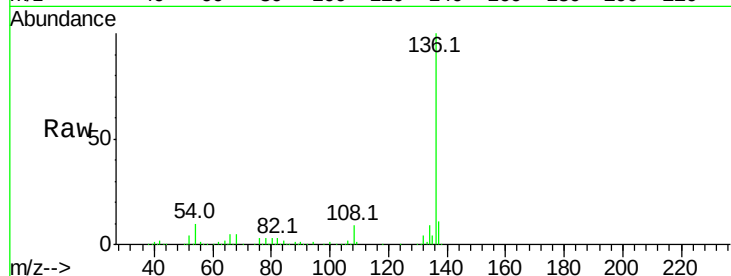




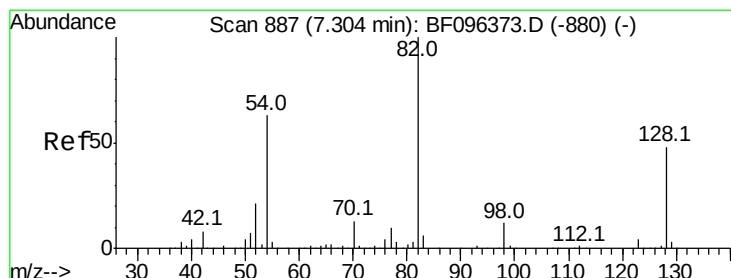
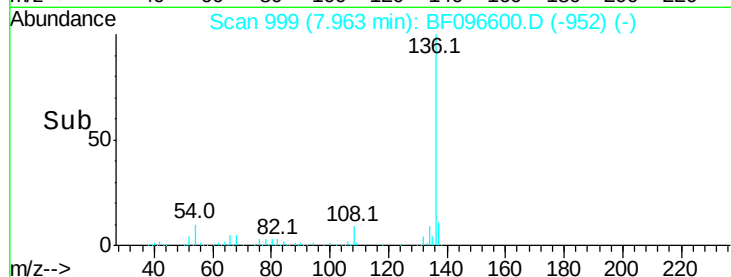
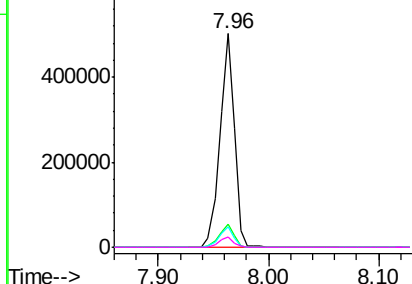
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Instrument :
BNA_F
ClientSampleId :
SP-1-C

Tot Ion:136	Resp:	456119
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	9.6	4.9 7.3#
68	4.8	4.1 6.1

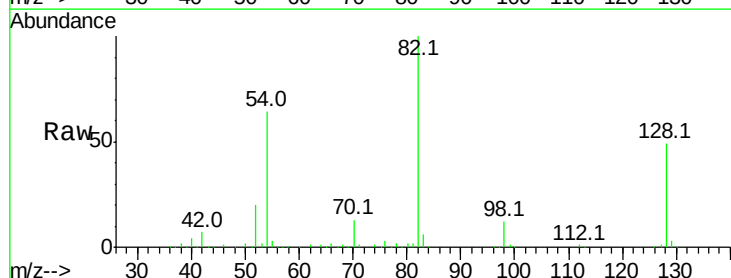


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

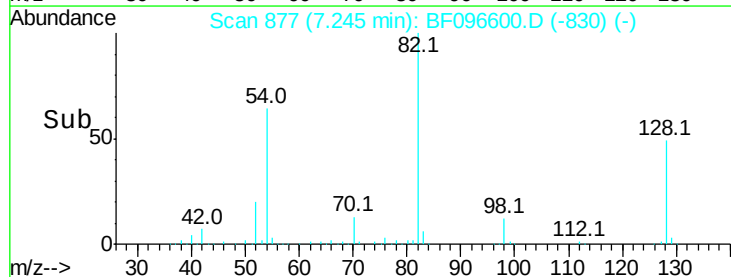
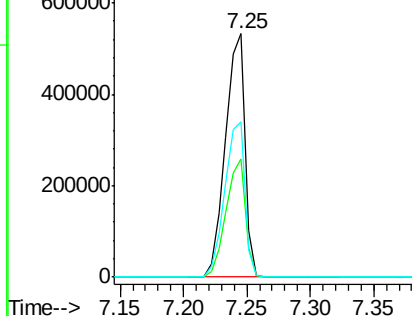


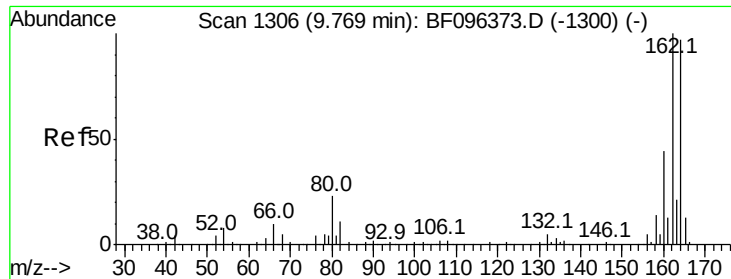
#23
Nitrobenzene-d5
Concen: 75.11 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Tgt Ion: 82	Resp:	570112
Ion Ratio	Lower	Upper
82	100	
128	48.8	34.0 51.0
54	64.0	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

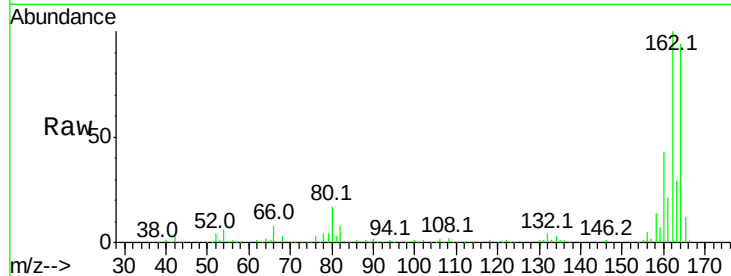




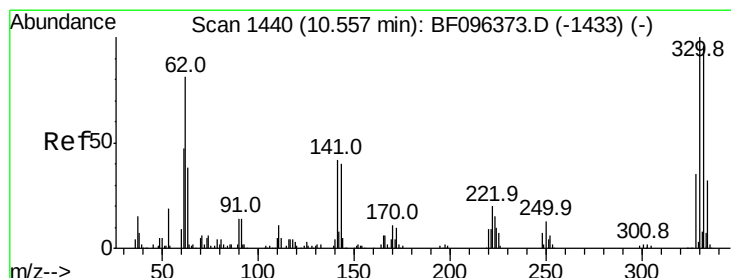
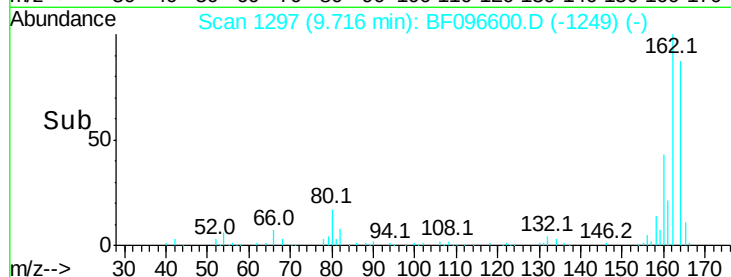
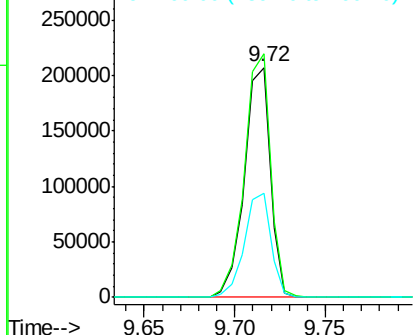
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Instrument :
BNA_F
ClientSampleId :
SP-1-C

Tot Ion:164 Resp: 207625
Ion Ratio Lower Upper
164 100
162 105.9 82.6 123.8
160 45.5 36.2 54.2

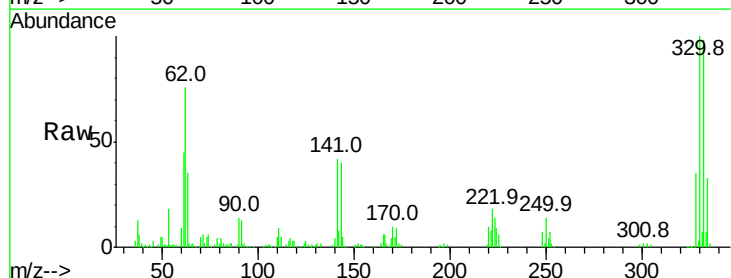


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

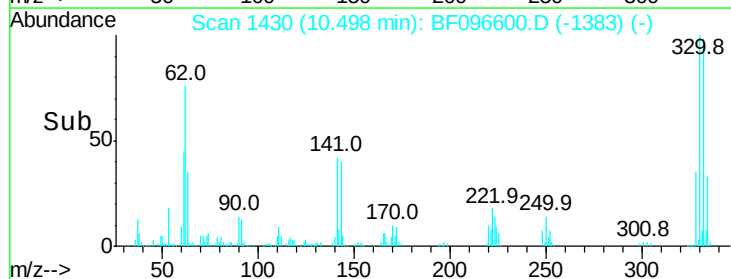
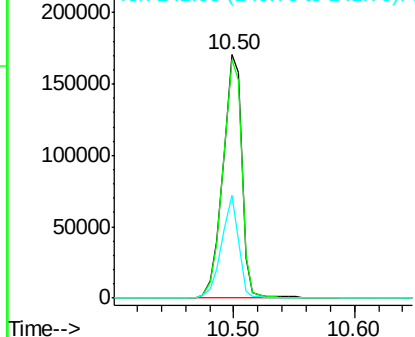


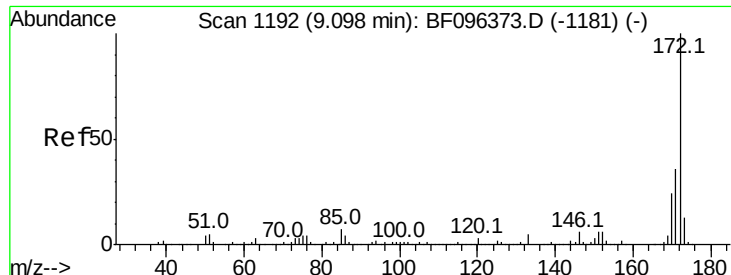
#41
2,4,6-Tribromophenol
Concen: 114.64 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Tgt Ion:330 Resp: 185928
Ion Ratio Lower Upper
330 100
332 98.0 76.6 115.0
141 38.1 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



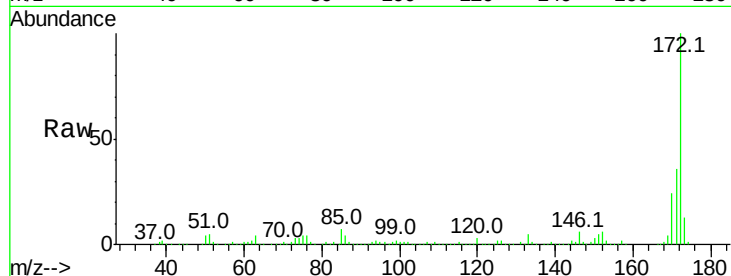


#44
 2-Fluorobiphenyl
 Concen: 82.90 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096600.D
 Acq: 10 Jul 2017 14:51

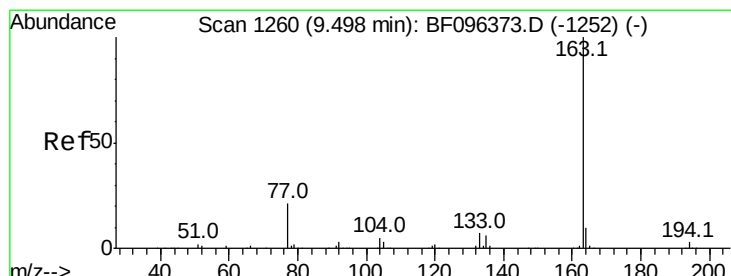
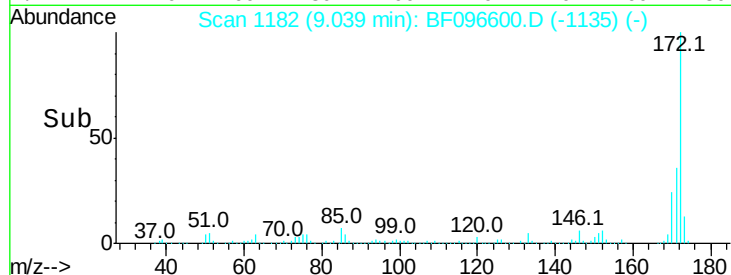
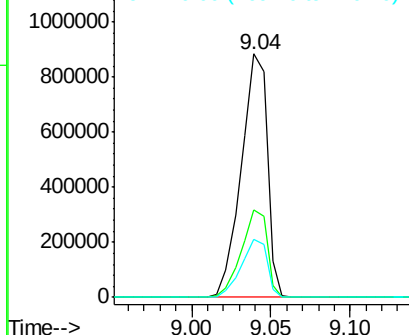
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C

Tot Ion:172 Resp: 1006675

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.6	19.8	29.8



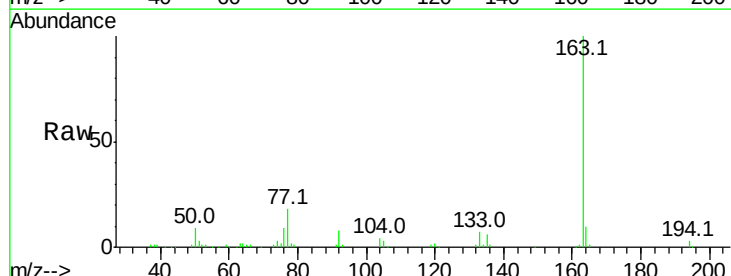
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



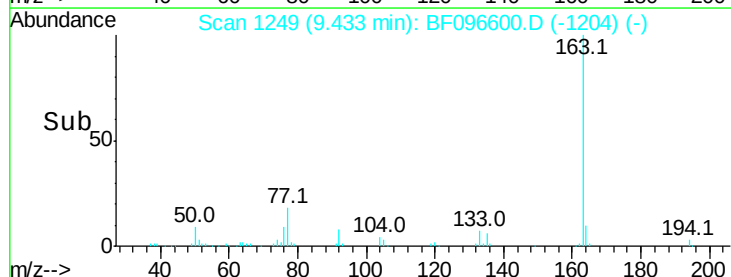
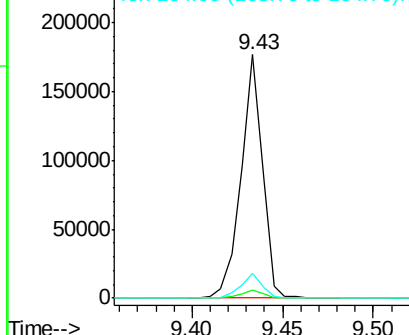
#49
 Dimethylphthalate
 Concen: 9.32 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.04 min
 Lab File: BF096600.D
 Acq: 10 Jul 2017 14:51

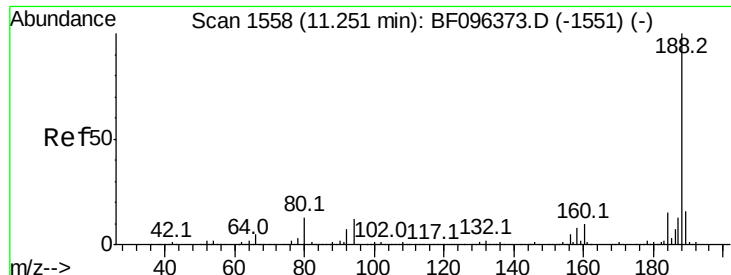
Tgt Ion:163 Resp: 144383

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

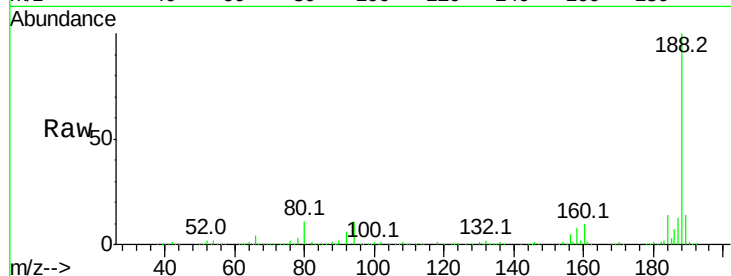




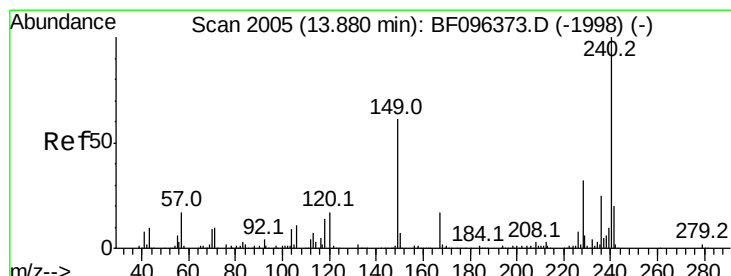
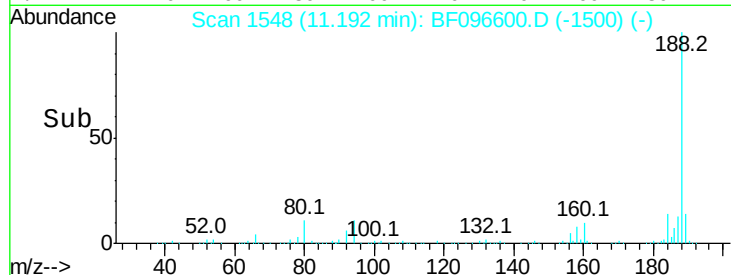
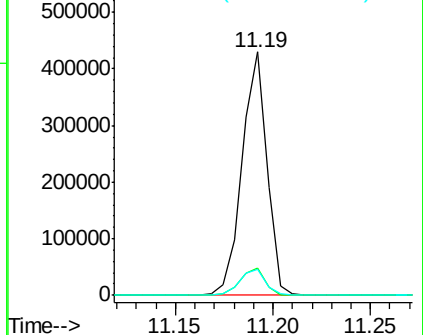
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Instrument :
BNA_F
ClientSampled :
SP-1-C

Tot Ion:188 Resp: 380712
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 10.7 10.2 15.2

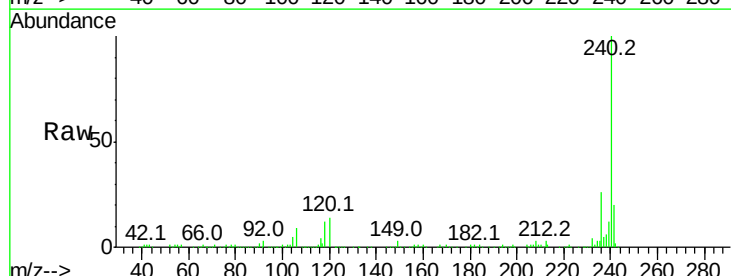


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

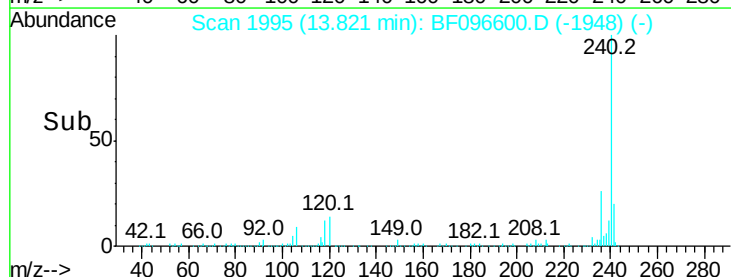
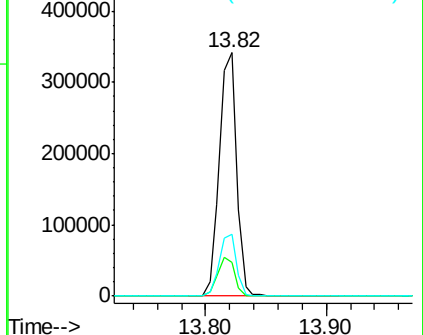


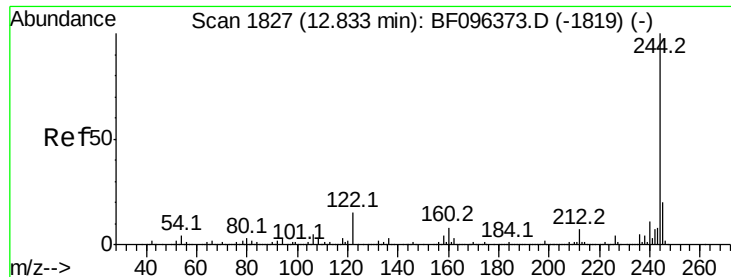
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Tgt Ion:240 Resp: 336585
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 25.6 20.5 30.7



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





#78

Terphenyl-d14

Concen: 54.26 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096600.D

Acq: 10 Jul 2017 14:51

Instrument :

BNA_F

ClientSampled :

SP-1-C

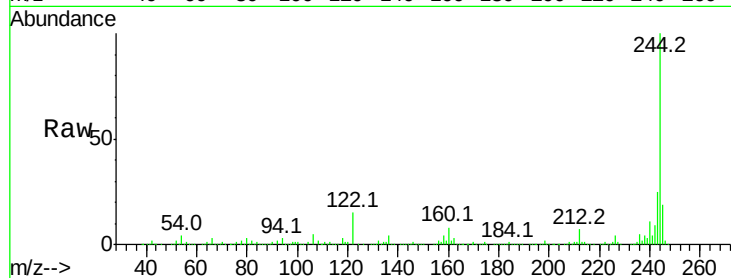
Tot Ion:244 Resp: 854647

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

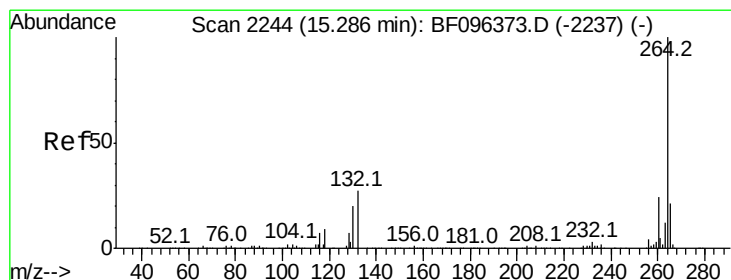
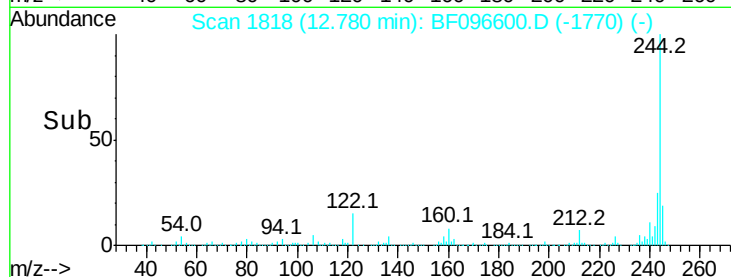
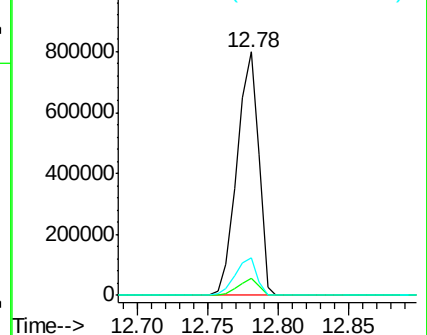
122 15.4 10.3 15.5



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: 15.22 min Scan# 2232

Delta R.T. -0.03 min

Lab File: BF096600.D

Acq: 10 Jul 2017 14:51

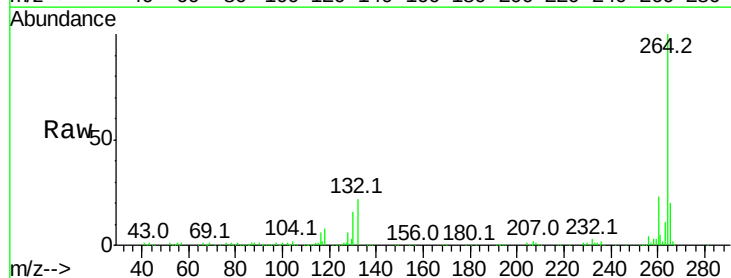
Tgt Ion:264 Resp: 221907

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 20.1 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

