

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101828.D
 Acq On : 29 Dec 2017 14:48
 Operator : SJ/JU
 Sample : I7023-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-2

Quant Time: Dec 29 15:20:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

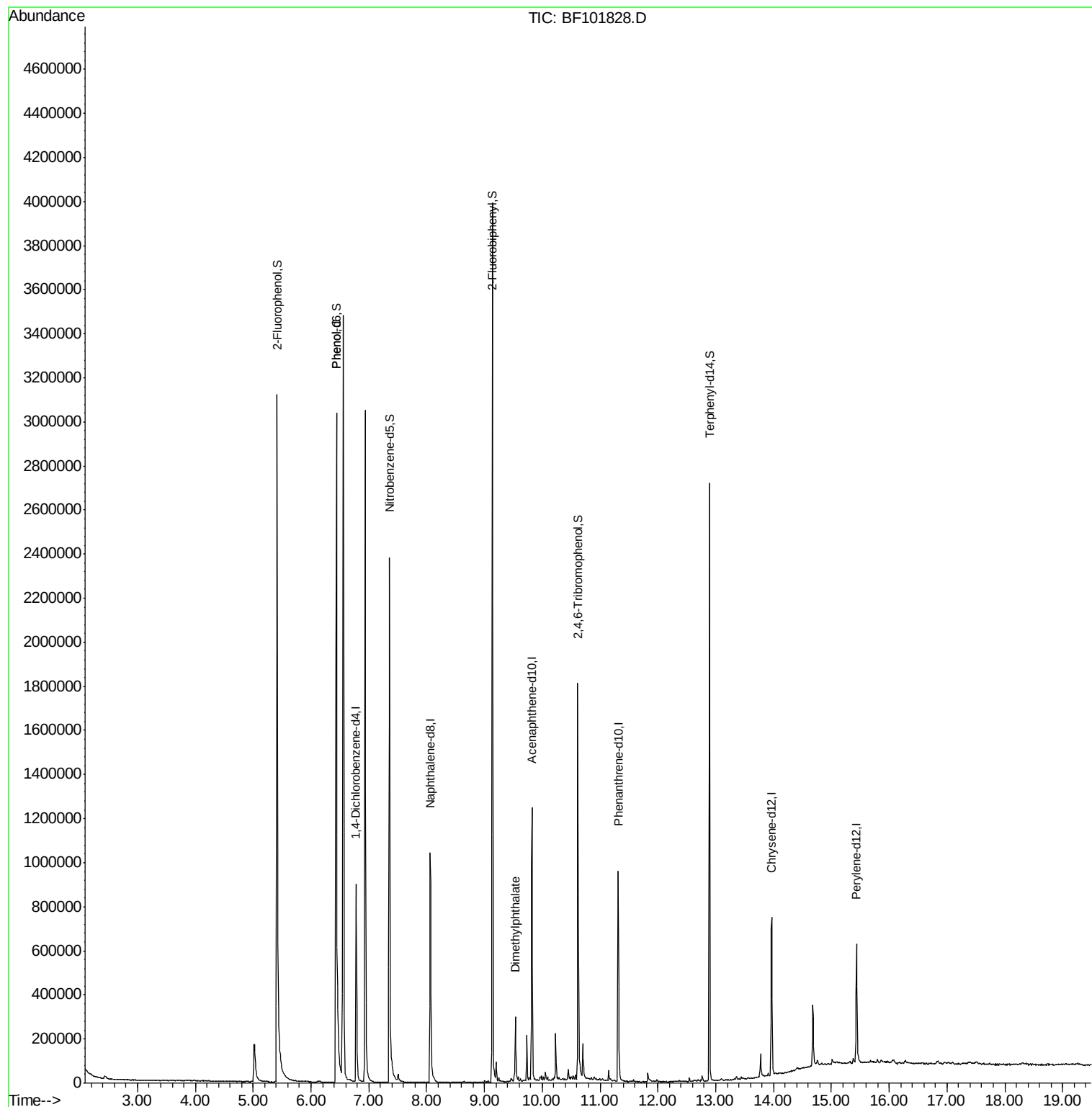
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	153503	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	597517	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	243877	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	392906	20.00	ng	0.00
75) Chrysene-d12	13.97	240	277450	20.00	ng	0.00
86) Perylene-d12	15.44	264	283823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1237022	120.04	ng	0.00
7) Phenol-d6	6.44	99	1469047	114.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	924940	86.17	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	274479	116.80	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1364886	86.82	ng	0.00
78) Terphenyl-d14	12.89	244	983672	85.47	ng	0.00
Target Compounds						
10) Phenol	6.45	94	70999	4.857	ng	# 67
49) Dimethylphthalate	9.54	163	142576	7.268	ng	# 99

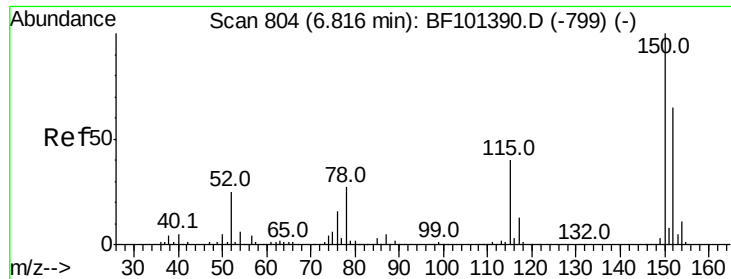
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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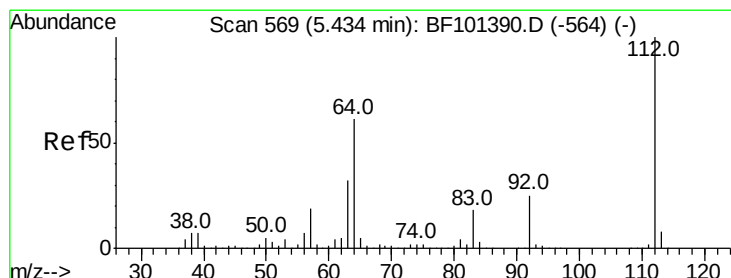
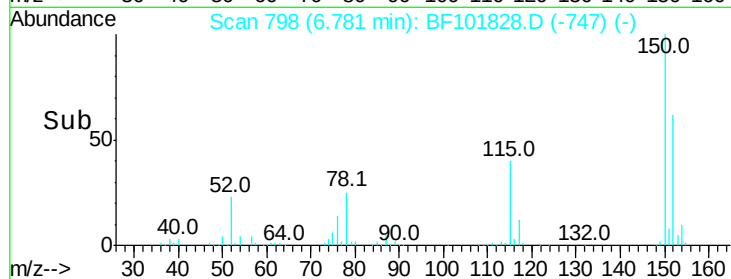
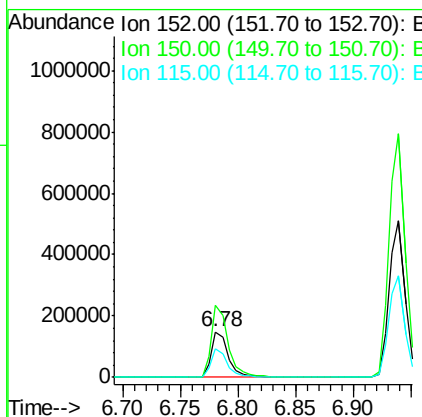
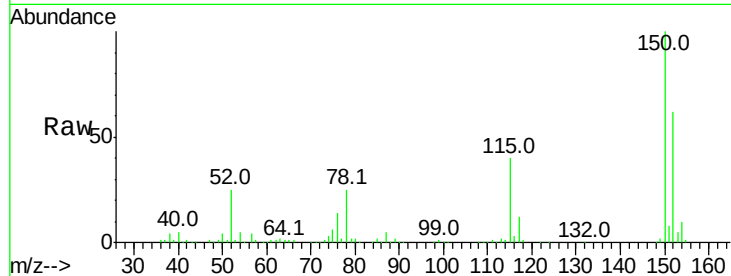


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Instrument :
BNA_F
ClientSampled :
LB-2

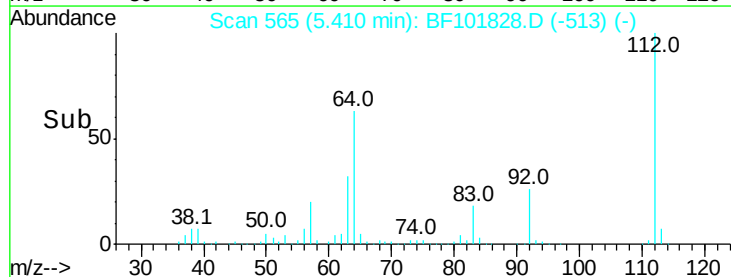
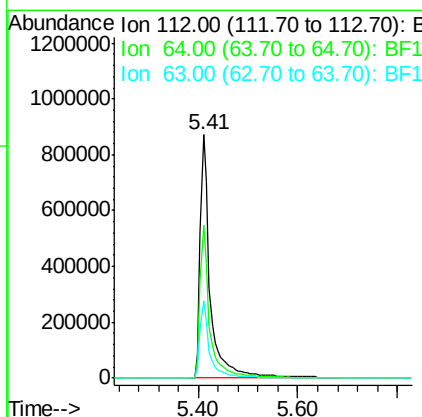
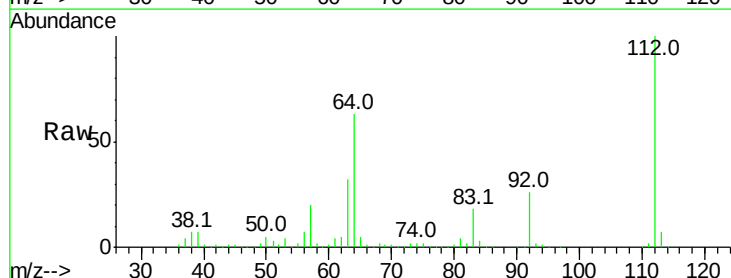
Tot Ion:152 Resp: 153503
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 64.3 50.1 75.1

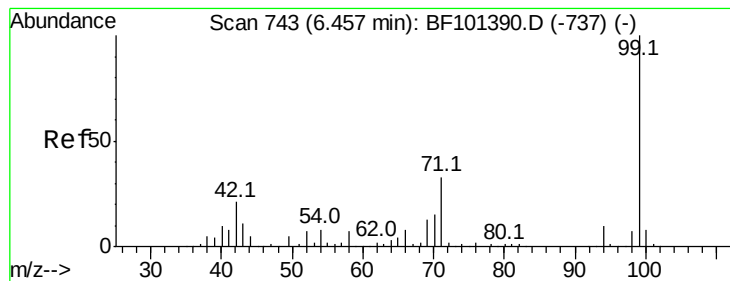


#5

2-Fluorophenol
Concen: 120.039 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Tgt Ion:112 Resp: 1237022
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 31.7 23.7 35.5





#7

Phenol-d6

Concen: 114.544 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

Instrument :

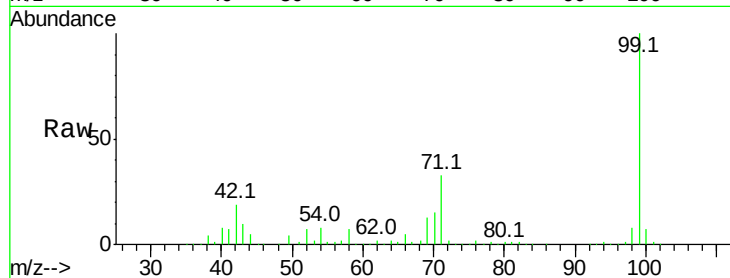
BNA_F

ClientSampleId :

LB-2

Tot Ion: 99 Resp: 1469047

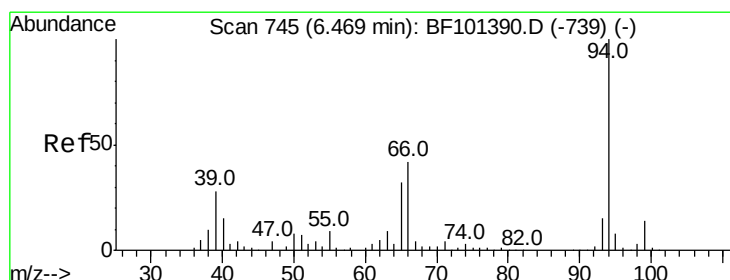
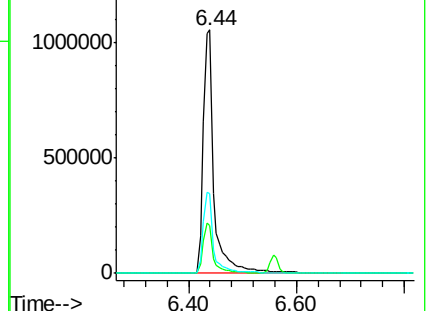
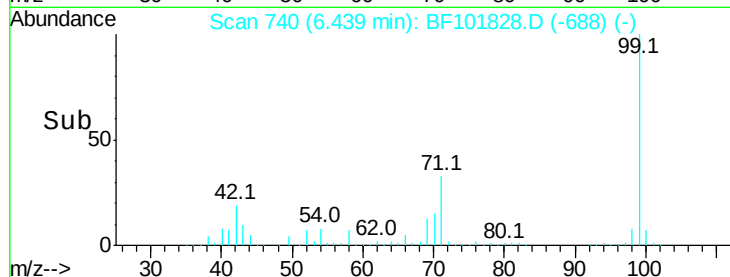
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	32.6	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.857 ng

RT: 6.45 min Scan# 741

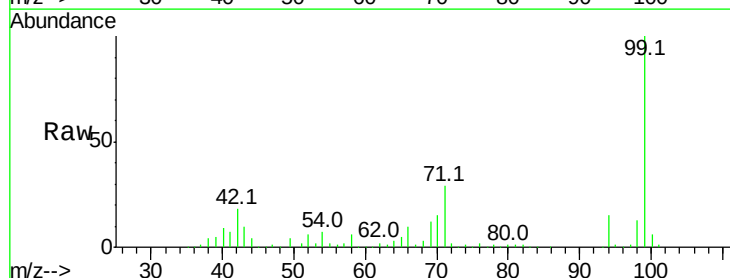
Delta R.T. -0.01 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

Tgt Ion: 94 Resp: 70999

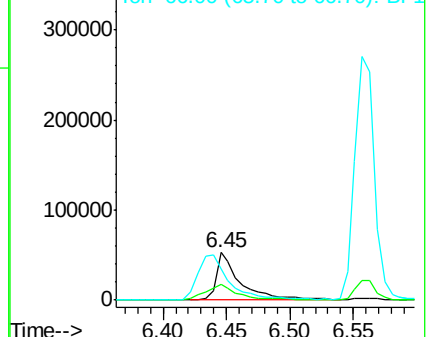
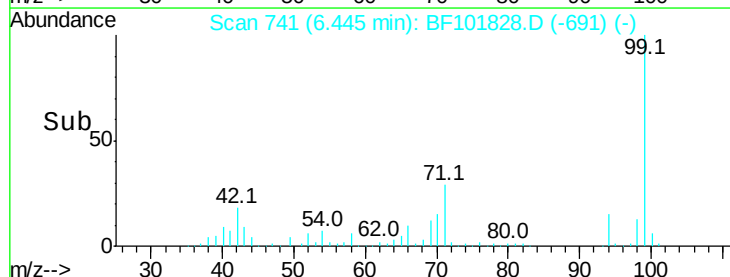
Ion	Ratio	Lower	Upper
94	100		
65	33.9	7.9	47.9
66	65.4	16.2	56.2

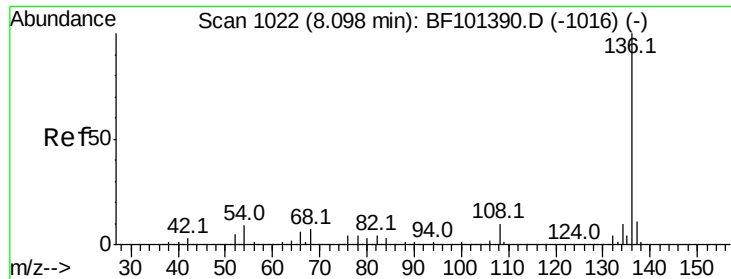


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

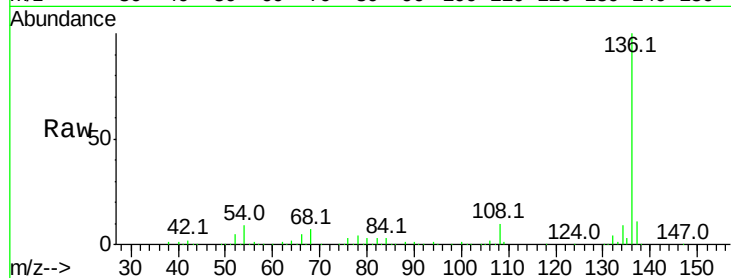




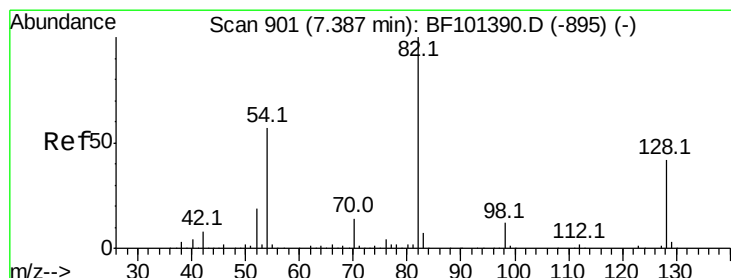
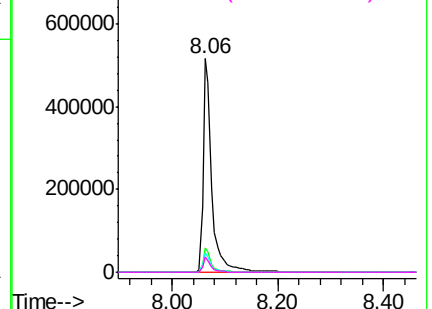
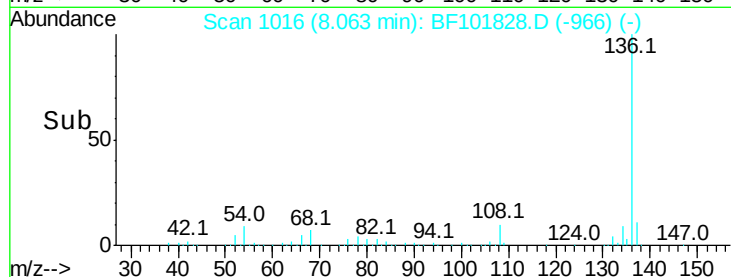
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :
LB-2

Tot Ion:136	Resp: 597517
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 9.0	6.6 9.8
68 7.2	5.0 7.4

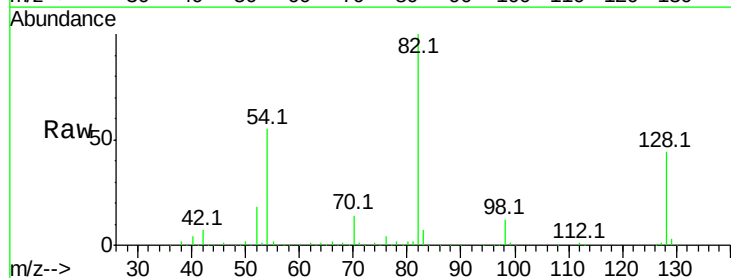


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

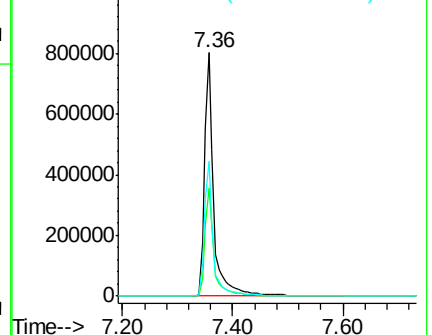
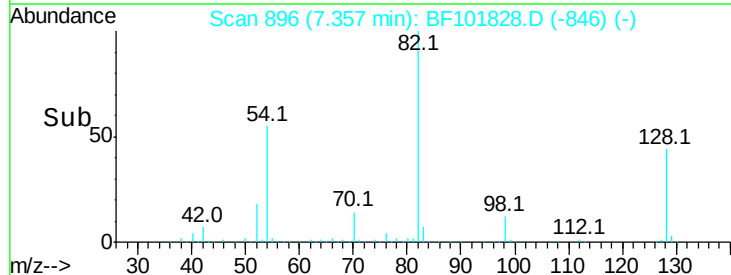


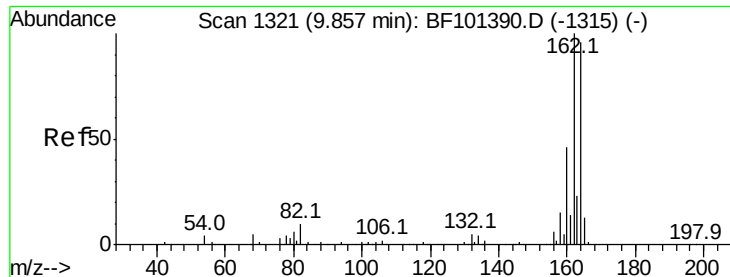
#23
Nitrobenzene-d5
Concen: 86.169 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Tgt Ion: 82	Resp: 924940
Ion Ratio	Lower Upper
82 100	
128 44.3	36.1 54.1
54 55.3	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

Instrument :

BNA_F

ClientSampleId :

LB-2

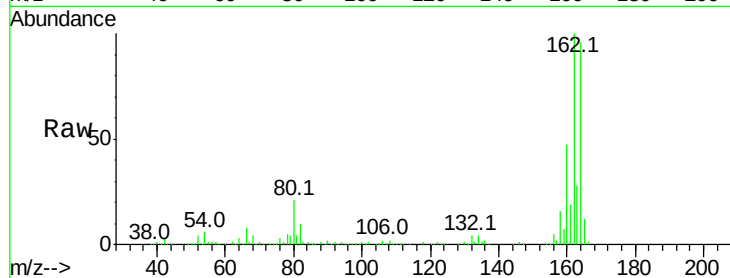
Tot Ion:164 Resp: 243877

Ion Ratio Lower Upper

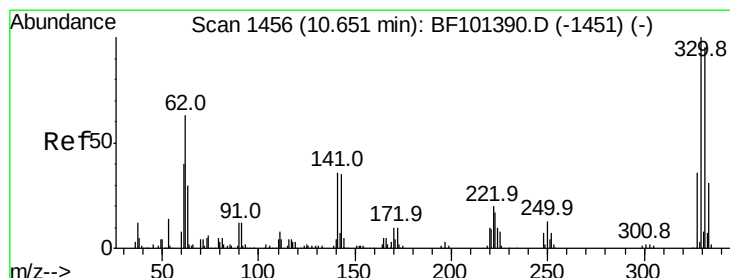
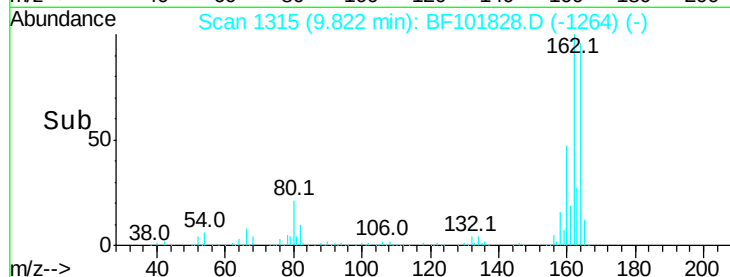
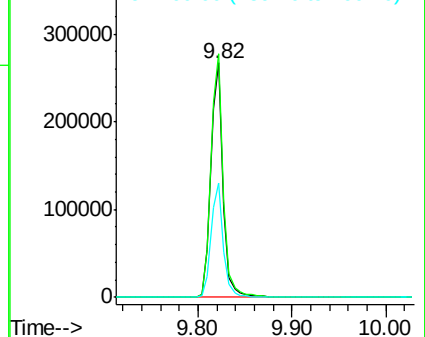
164 100

162 104.0 86.1 129.1

160 48.9 38.3 57.5



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: 116.802 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

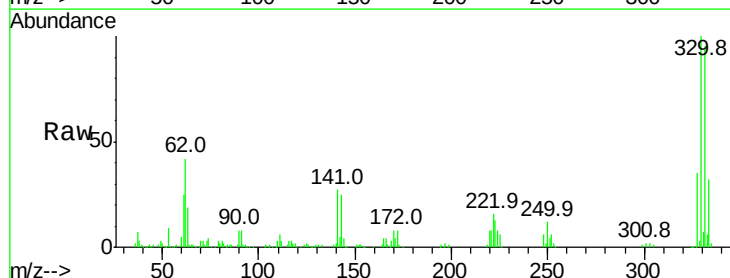
Tgt Ion:330 Resp: 274479

Ion Ratio Lower Upper

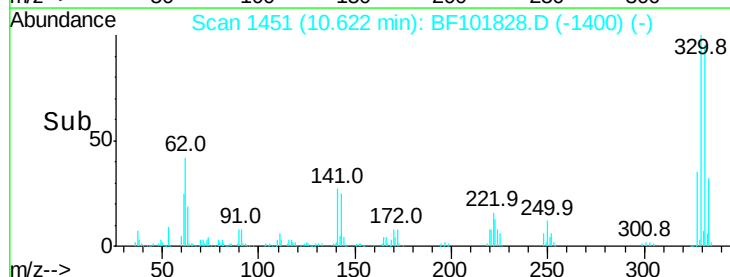
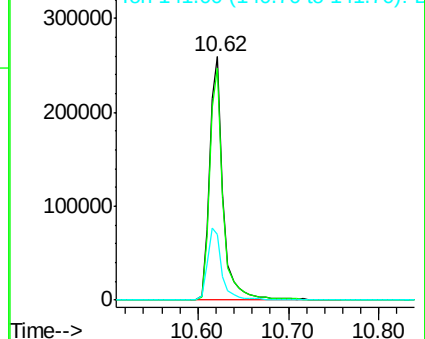
330 100

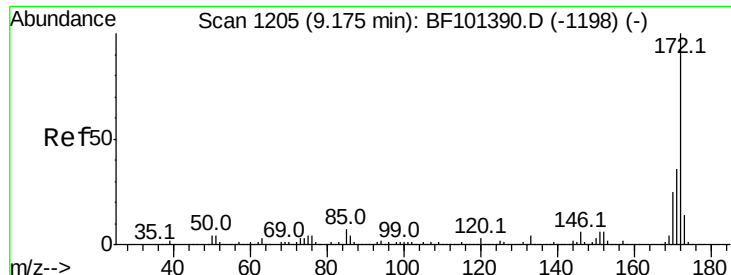
332 95.1 77.0 115.6

141 31.7 29.9 44.9



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

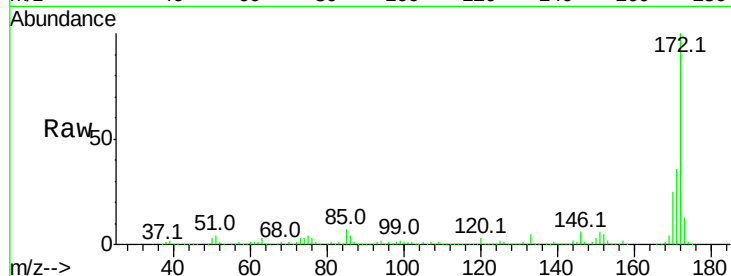




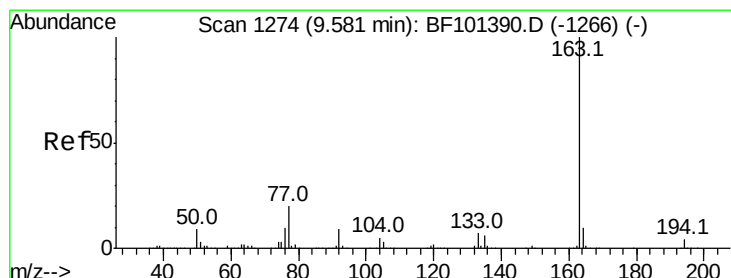
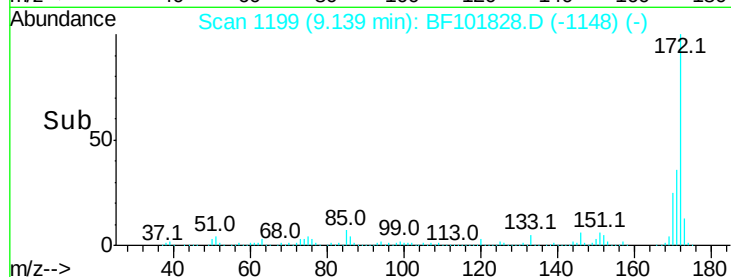
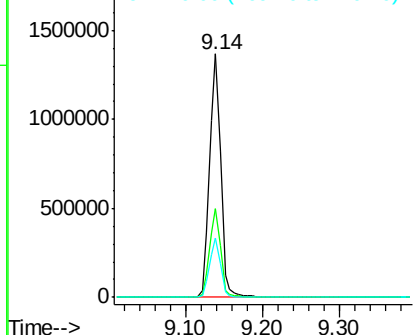
#44
2-Fluorobiphenyl
Concen: 86.817 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :
LB-2

Tot Ion:172 Resp: 1364886
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.6 19.6 29.4

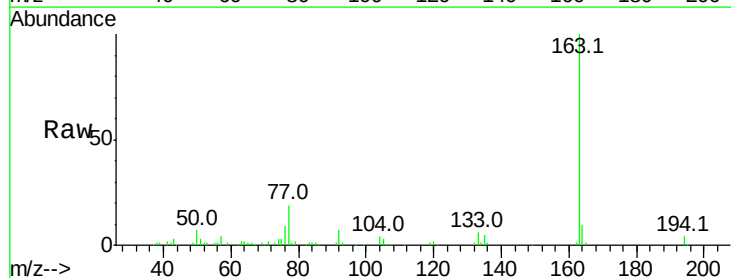


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

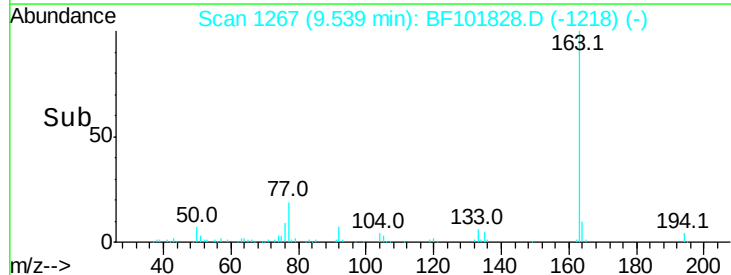
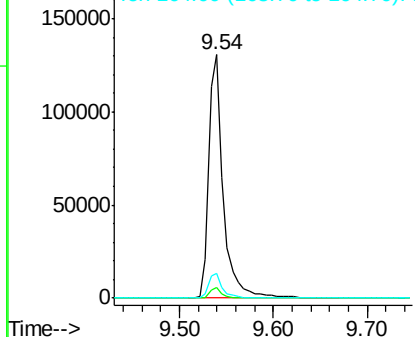


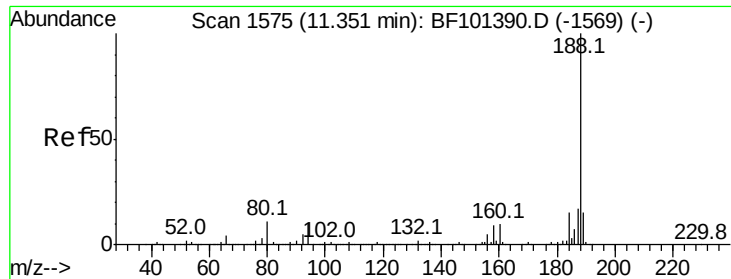
#49
Dimethylphthalate
Concen: 7.268 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Tgt Ion:163 Resp: 142576
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 10.4 8.2 12.2



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

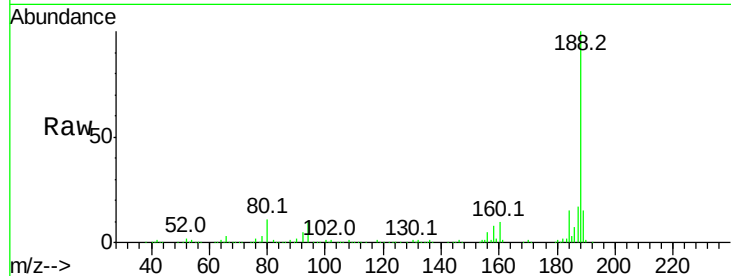




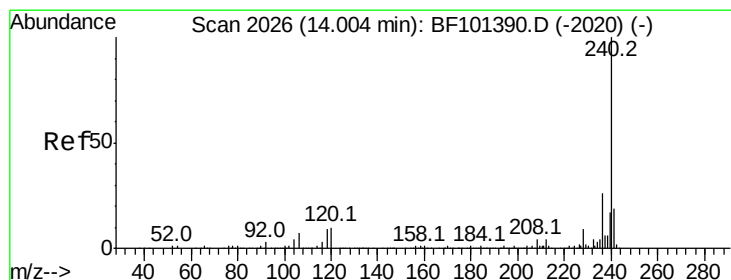
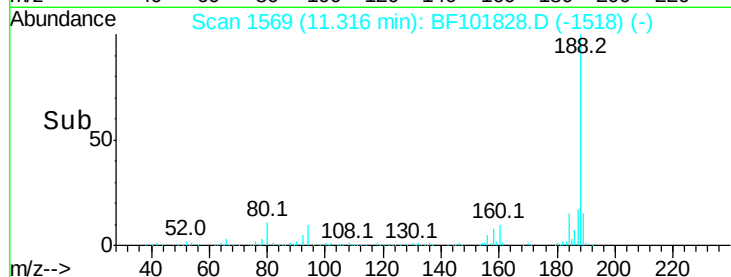
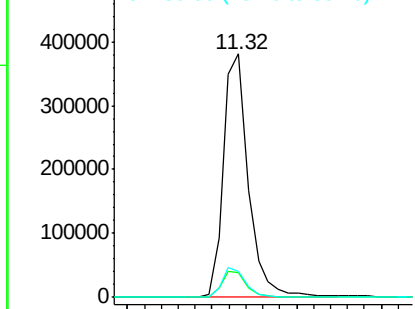
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :
LB-2

Tot Ion:188 Resp: 392906
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 9.2 13.8

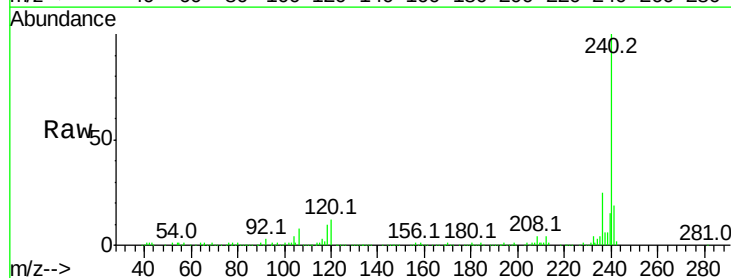


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

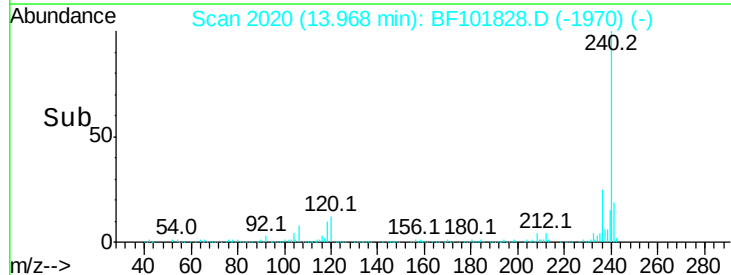
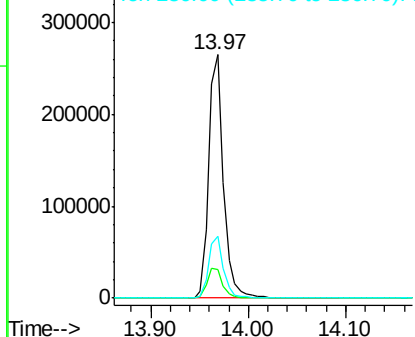


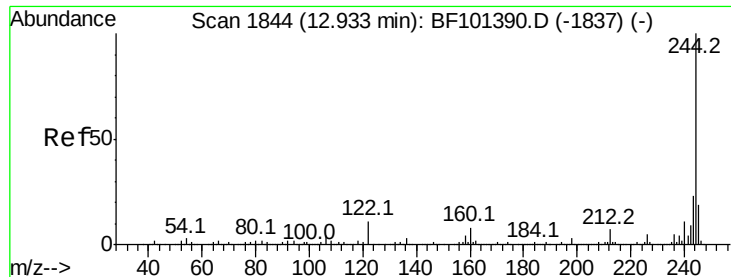
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Tgt Ion:240 Resp: 277450
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.2 20.7 31.1



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: 85.471 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

Instrument :

BNA_F

ClientSampleId :

LB-2

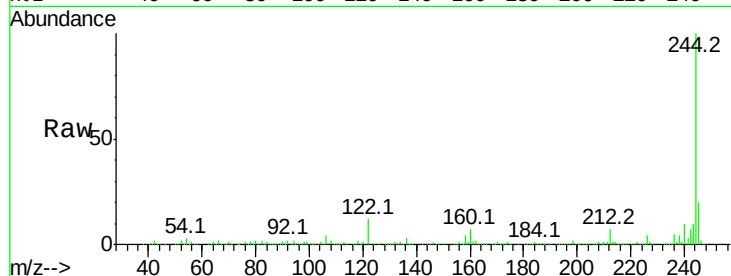
Tot Ion:244 Resp: 983672

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

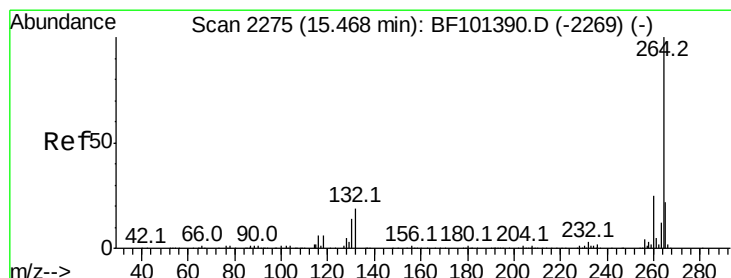
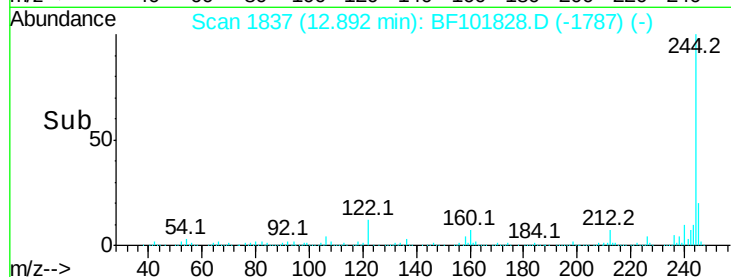
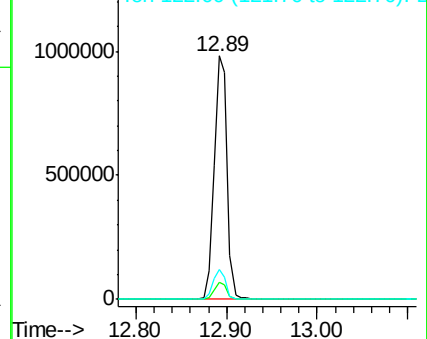
122 12.2 11.0 16.4



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: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

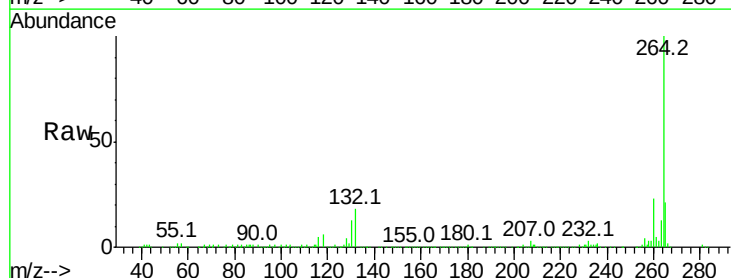
Tgt Ion:264 Resp: 283823

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.6 17.5 26.3



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

