

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109840.D
 Acq On : 12 Oct 2018 18:12
 Operator : JU/SJ
 Sample : J5197-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118

Quant Time: Oct 12 22:29:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

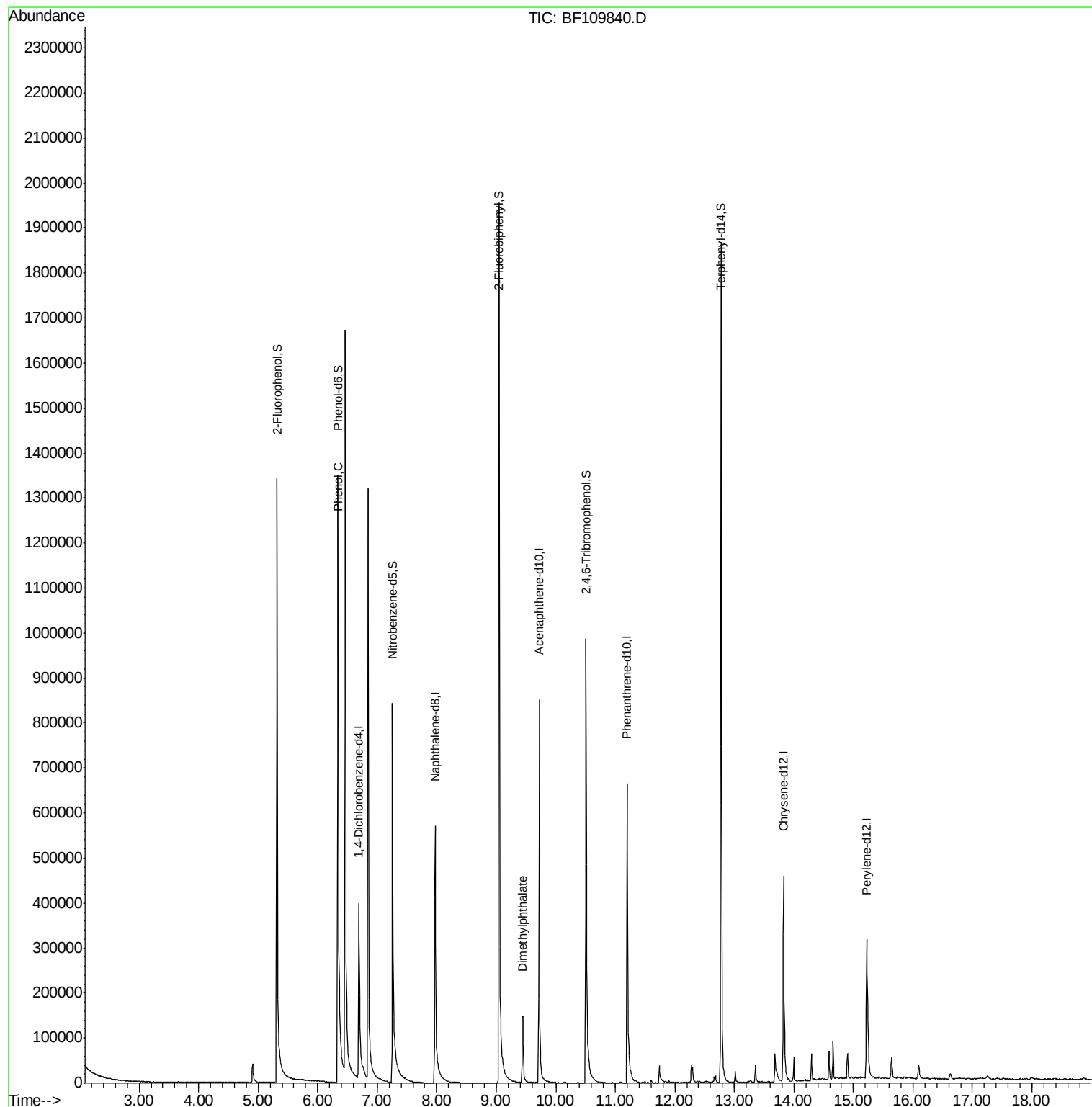
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	94100	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	425030	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	202449	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	382628	20.00	ng	0.00
75) Chrysene-d12	13.83	240	228541	20.00	ng	0.00
86) Perylene-d12	15.23	264	199636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	465135	87.74	ng	0.00
7) Phenol-d6	6.34	99	700894	98.97	ng	-0.02
23) Nitrobenzene-d5	7.26	82	468938	60.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	180781	81.95	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	891651	60.66	ng	0.00
78) Terphenyl-d14	12.78	244	728707	61.72	ng	0.00
Target Compounds						
10) Phenol	6.35	94	20974	2.583	ng	Qvalue # 75
49) Dimethylphthalate	9.45	163	100473	6.767	ng	99

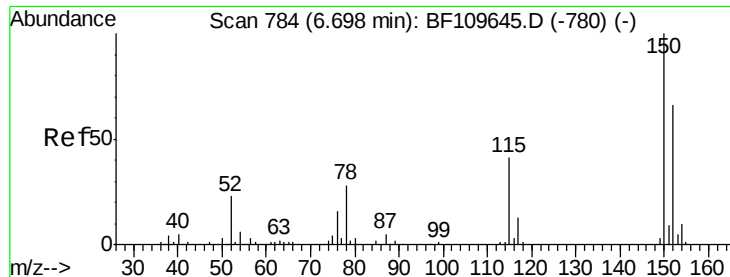
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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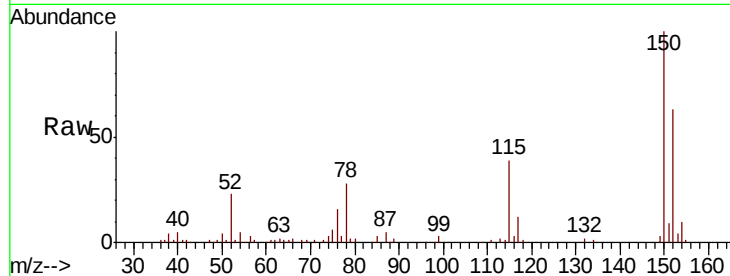


#1

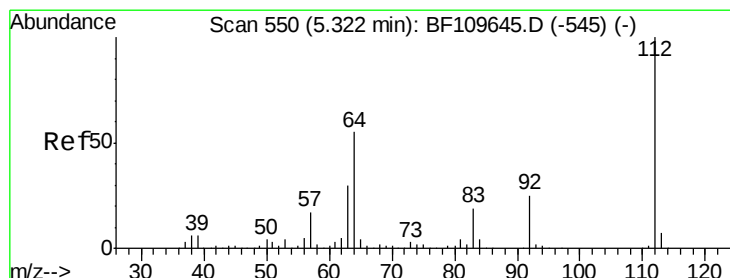
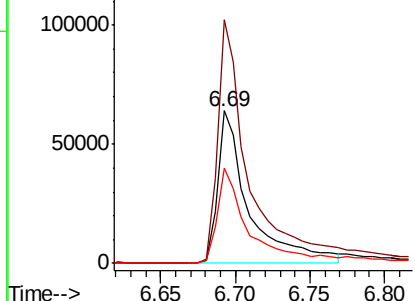
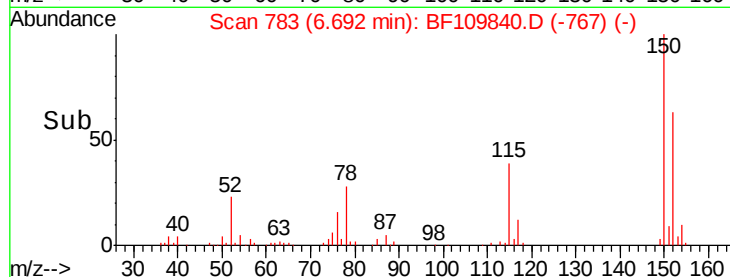
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
HD-01-101118

Tot Ion:152 Resp: 94100
Ion Ratio Lower Upper
152 100
150 159.7 122.7 184.1
115 62.2 49.1 73.7



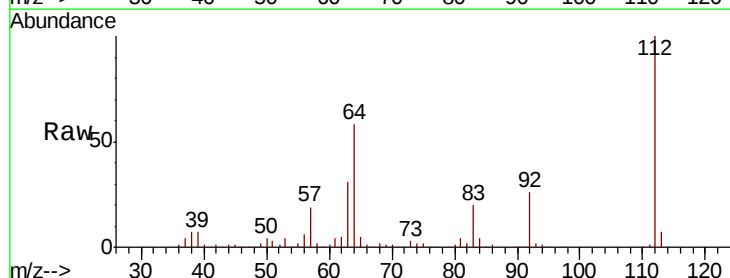
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



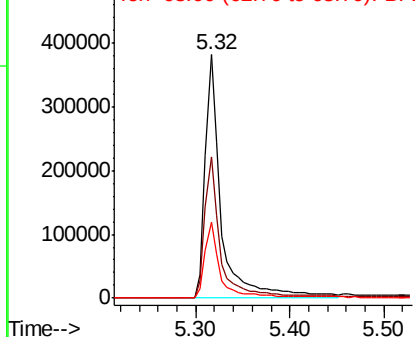
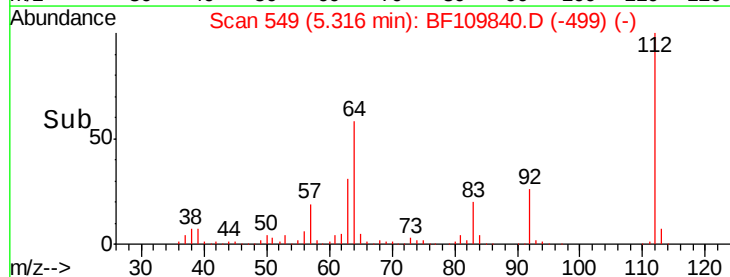
#5

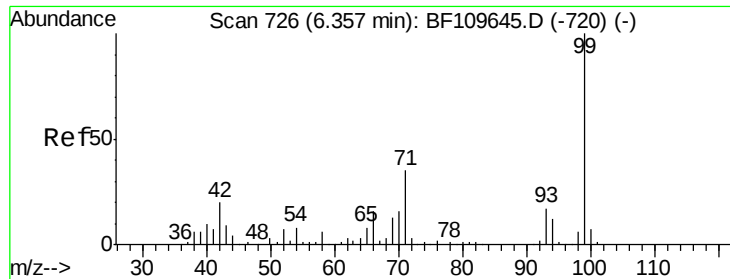
2-Fluorophenol
Concen: 87.740 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

Tgt Ion:112 Resp: 465135
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.969 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109840.D

Acq: 12 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

HD-01-101118

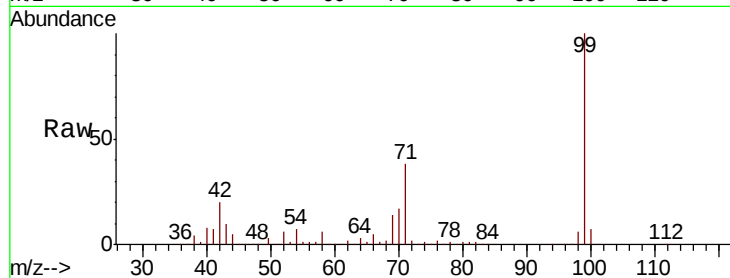
Tot Ion: 99 Resp: 700894

Ion Ratio Lower Upper

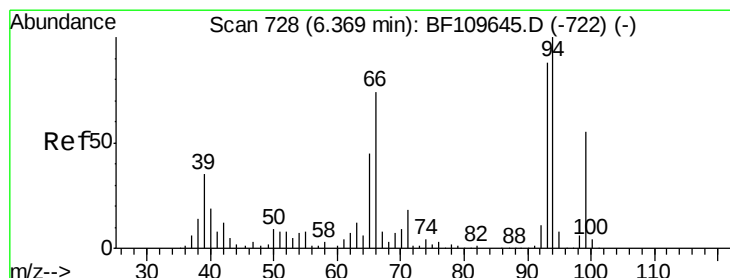
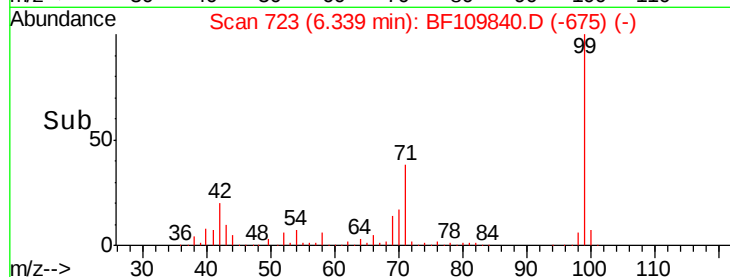
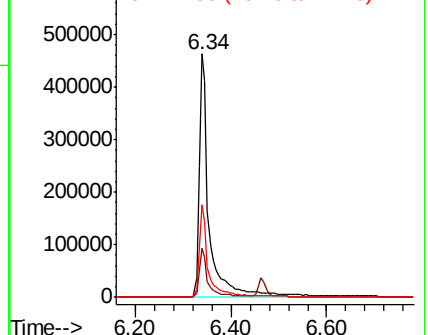
99 100

42 20.4 15.8 23.6

71 38.3 28.0 42.0



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: 2.583 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109840.D

Acq: 12 Oct 2018 18:12

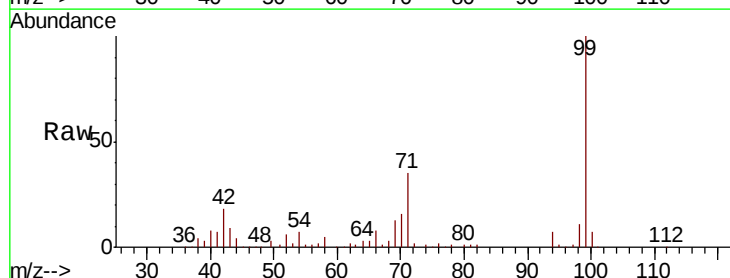
Tgt Ion: 94 Resp: 20974

Ion Ratio Lower Upper

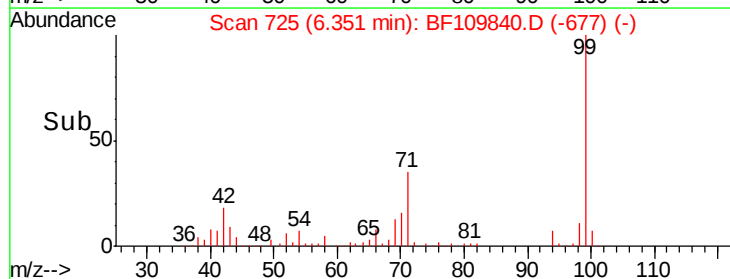
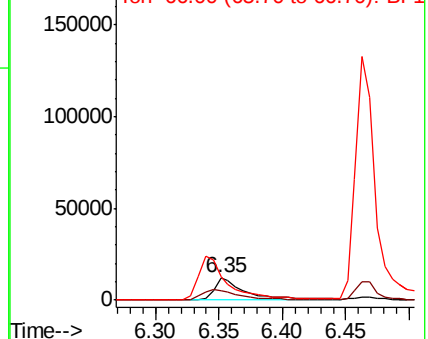
94 100

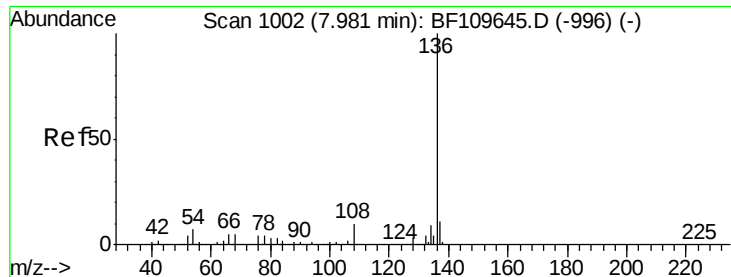
65 42.6 25.3 65.3

66 107.1 54.5 94.5#



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

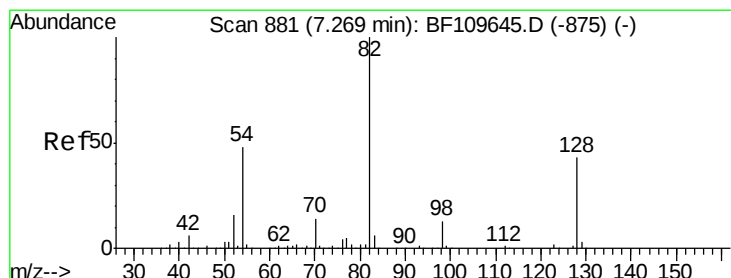
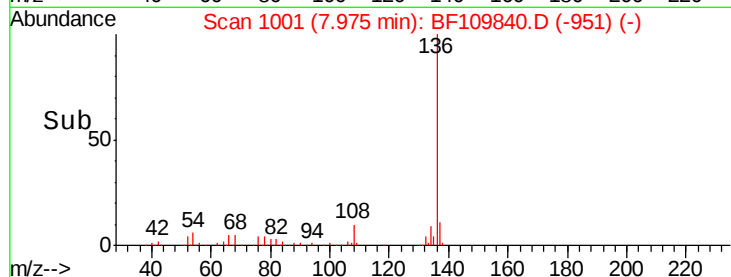
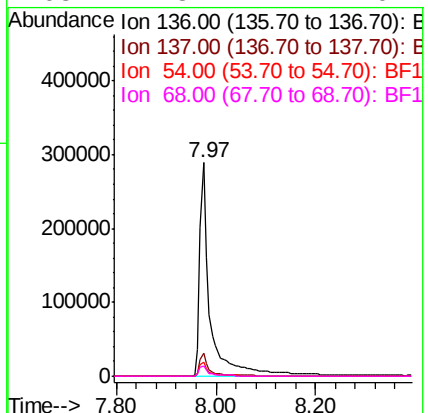
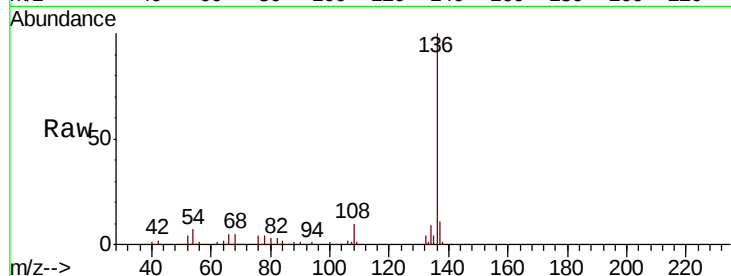




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

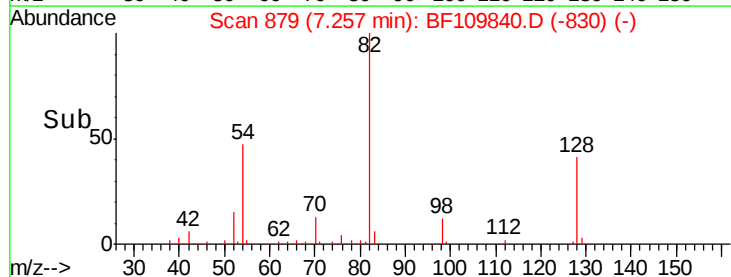
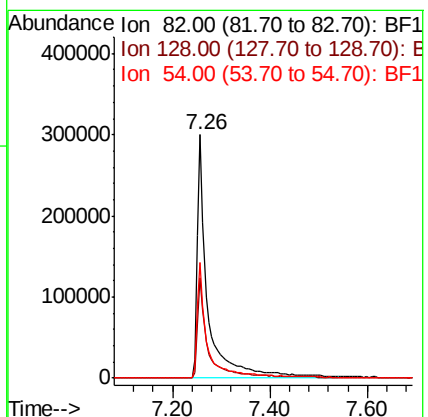
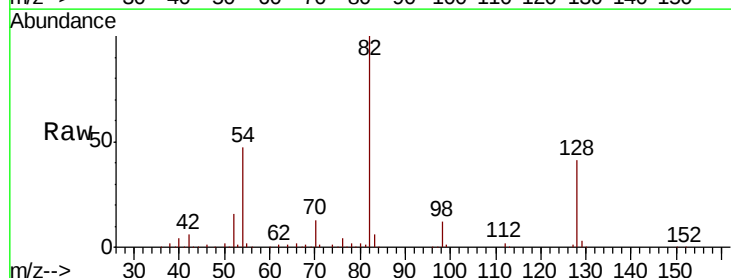
Instrument :
BNA_F
ClientSampleId :
HD-01-101118

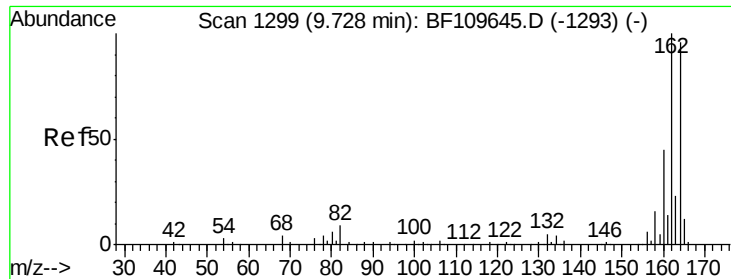
Tot Ion:136	Resp:	425030	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 6.6	5.4	8.2	
68 4.8	4.2	6.2	



#23
Nitrobenzene-d5
Concen: 60.818 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

Tgt Ion: 82	Resp: 468938
Ion Ratio	Lower Upper
82 100	
128 41.4	34.2 51.2
54 47.2	38.6 58.0

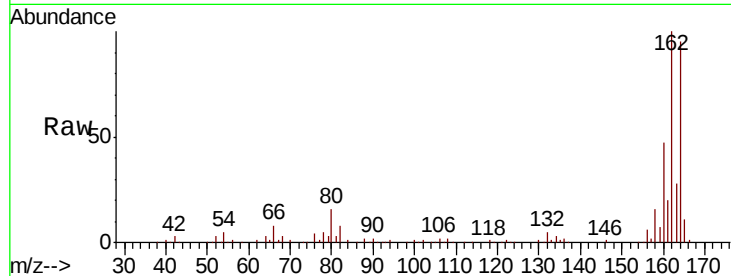




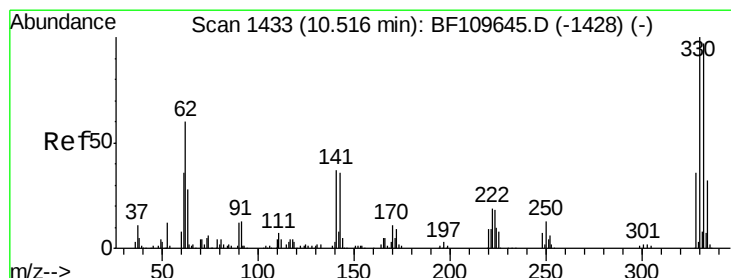
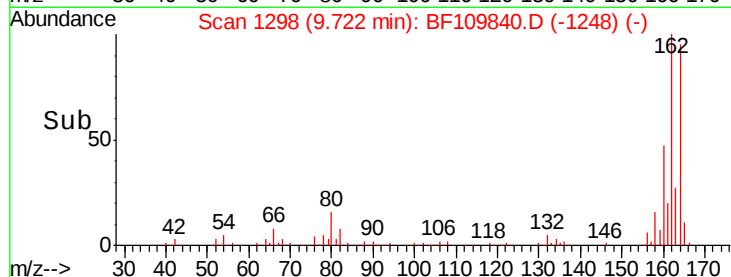
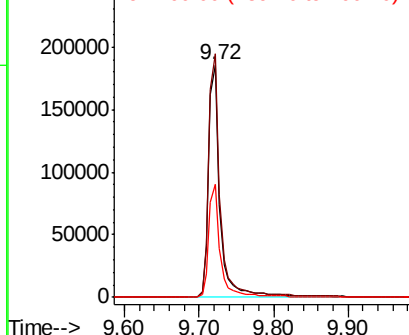
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118

Tot Ion:164 Resp: 202449
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.0 124.6
 160 48.8 37.0 55.6

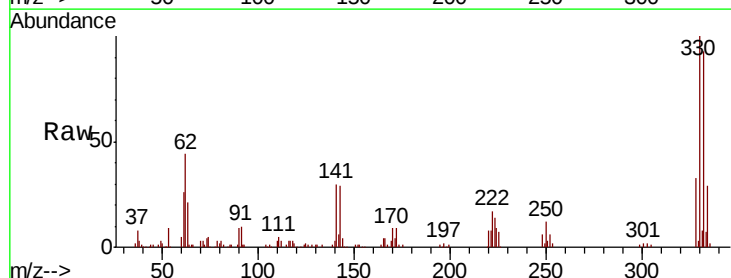


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

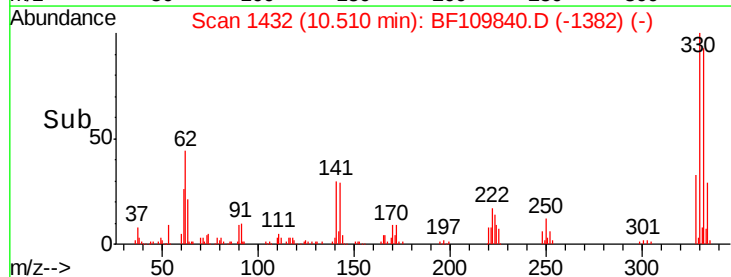
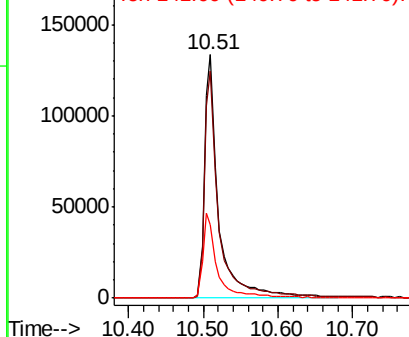


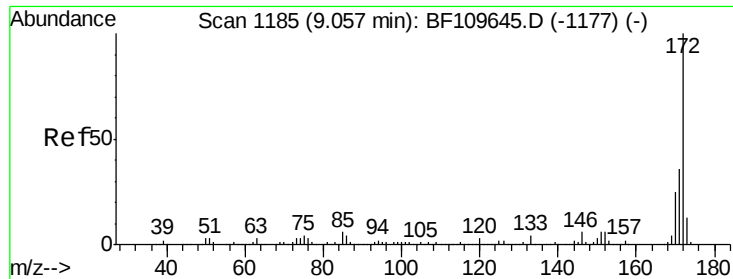
#41
 2,4,6-Tribromophenol
 Concen: 81.953 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

Tgt Ion:330 Resp: 180781
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.1 115.7
 141 35.0 27.0 40.4



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

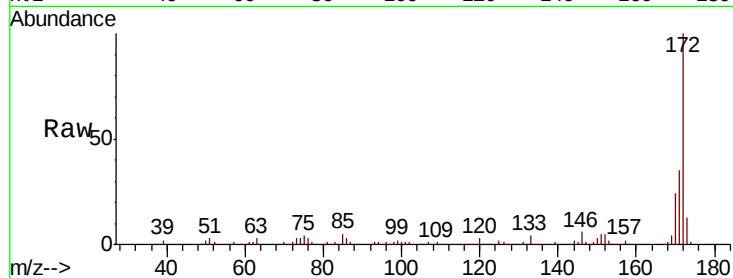




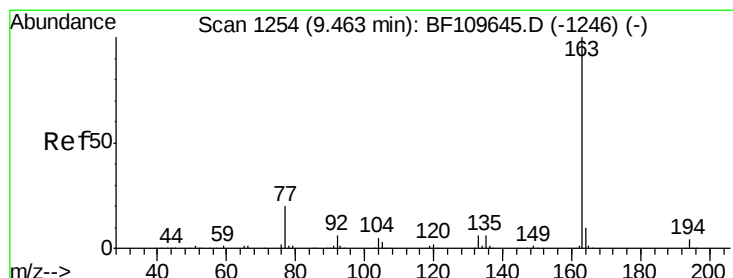
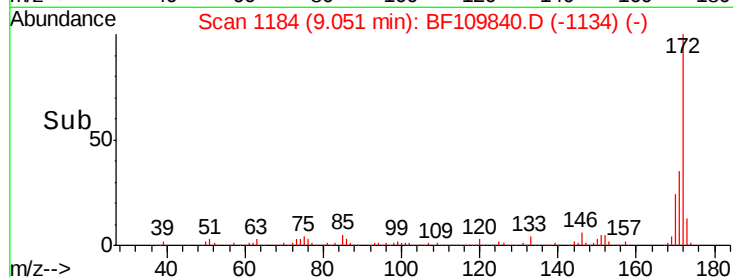
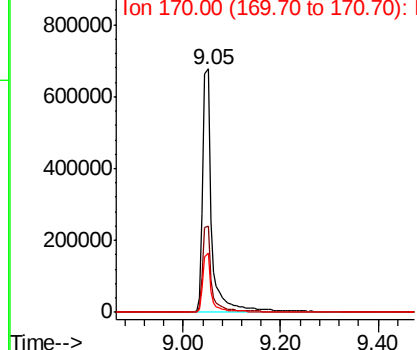
#44
2-Fluorobiphenyl
Concen: 60.659 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
HD-01-101118

Tot Ion:172 Resp: 891651
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.1 19.7 29.5

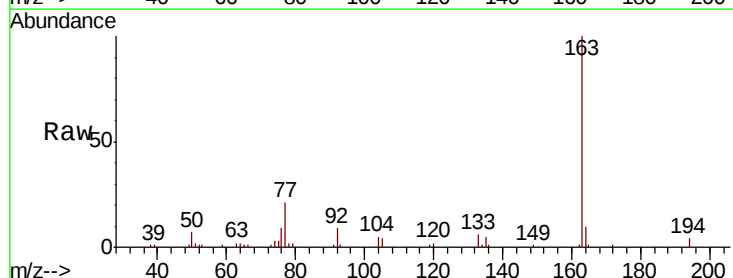


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

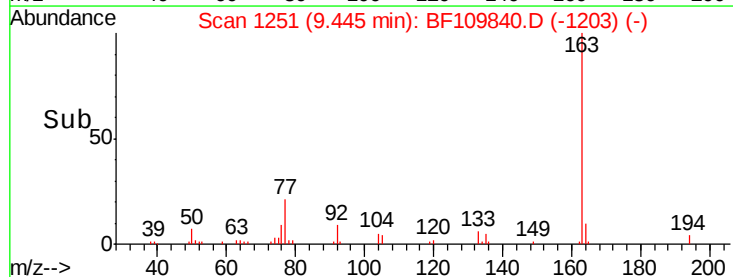
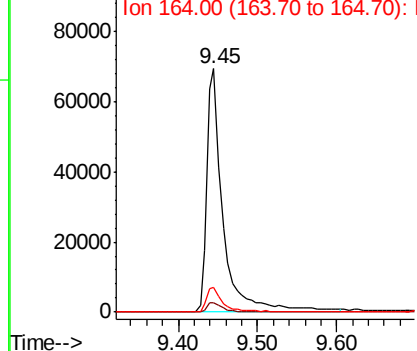


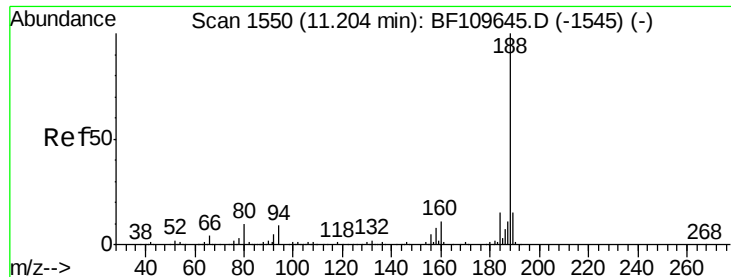
#49
Dimethylphthalate
Concen: 6.767 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

Tgt Ion:163 Resp: 100473
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.9 8.1 12.1



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

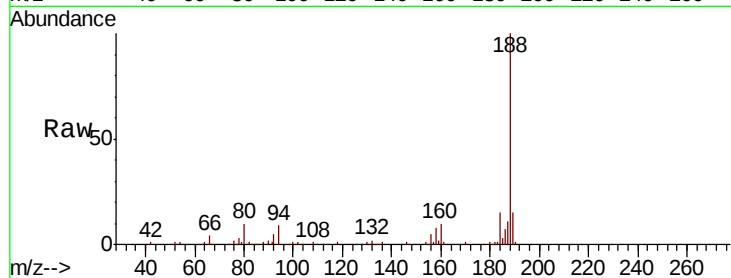




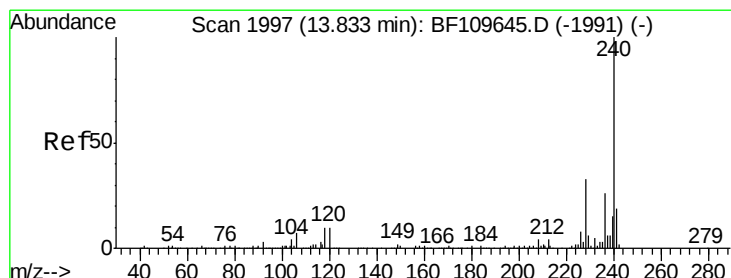
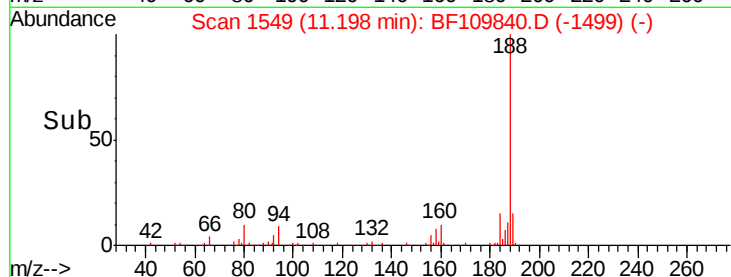
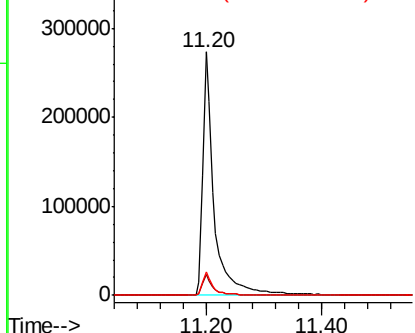
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
HD-01-101118

Tot Ion:188 Resp: 382628
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.8 7.9 11.9

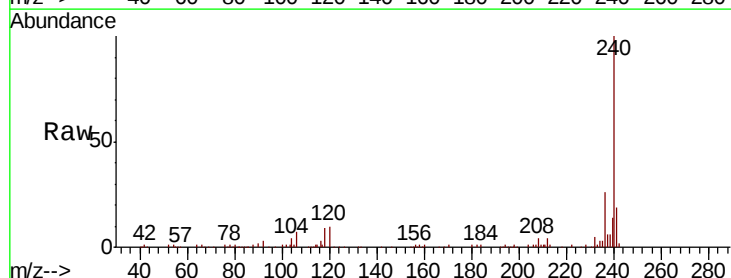


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

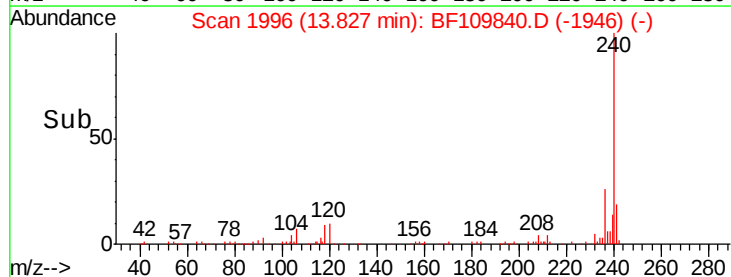
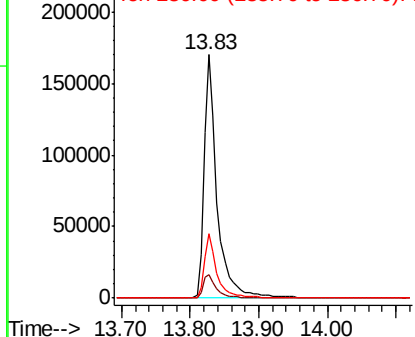


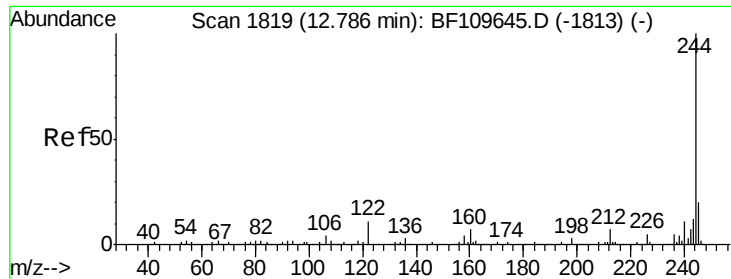
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

Tgt Ion:240 Resp: 228541
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 26.3 21.2 31.8



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: 61.725 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109840.D

Acq: 12 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

HD-01-101118

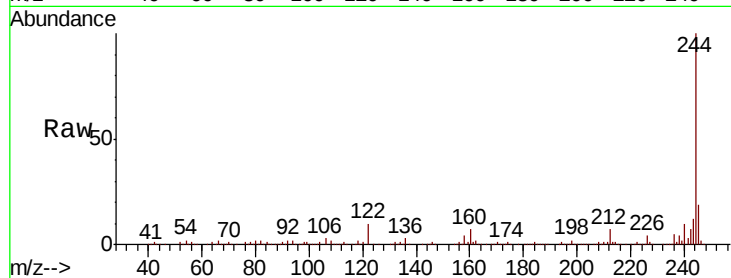
Tot Ion:244 Resp: 728707

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

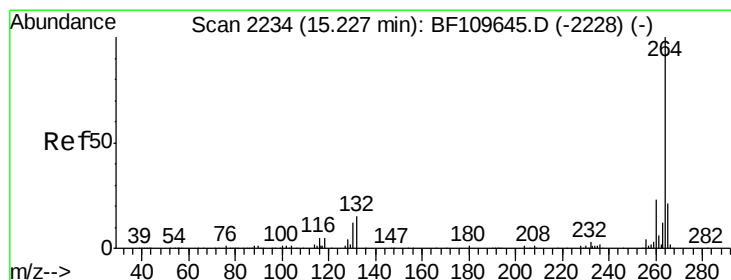
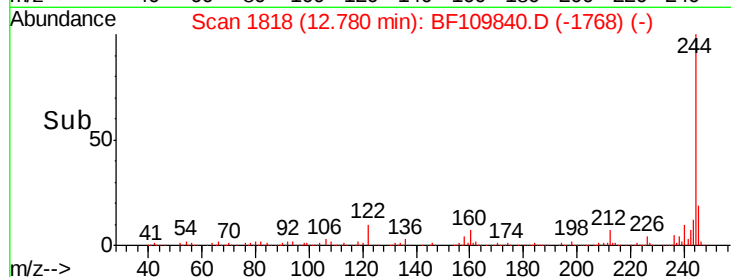
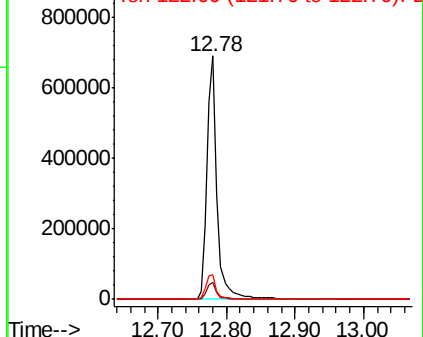
122 10.3 8.7 13.1



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: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109840.D

Acq: 12 Oct 2018 18:12

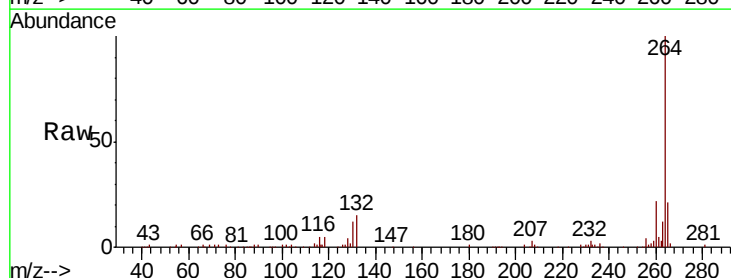
Tgt Ion:264 Resp: 199636

Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

265 21.1 16.7 25.1



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

