

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099583.D
 Acq On : 17 Oct 2017 16:15
 Operator : SJ/JU
 Sample : I5776-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-107-1(0-5)

Quant Time: Oct 17 17:42:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

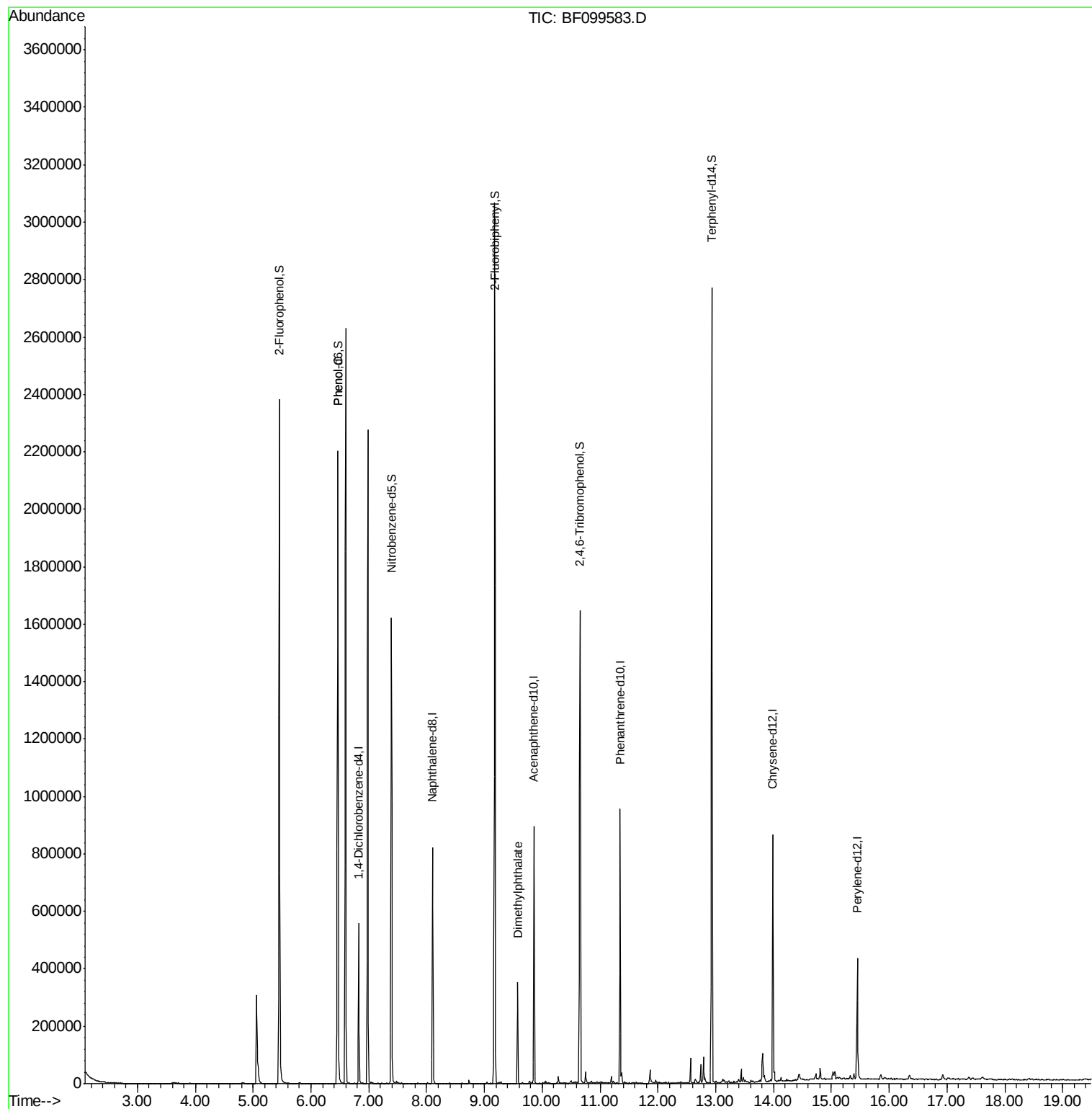
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93294	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	389673	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	180335	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	333196	20.00	ng	0.00
75) Chrysene-d12	13.99	240	263573	20.00	ng	-0.01
86) Perylene-d12	15.45	264	180928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	816782	139.37	ng	0.01
7) Phenol-d6	6.47	99	1003786	138.84	ng	0.00
23) Nitrobenzene-d5	7.39	82	601140	98.93	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	220226	149.24	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1082419	100.20	ng	0.00
78) Terphenyl-d14	12.93	244	992211	85.61	ng	0.00
Target Compounds						
10) Phenol	6.47	94	16697	2.065	ng	79
49) Dimethylphthalate	9.57	163	137691	10.116	ng	99

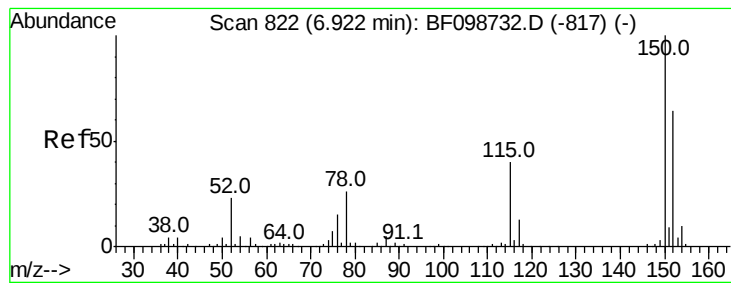
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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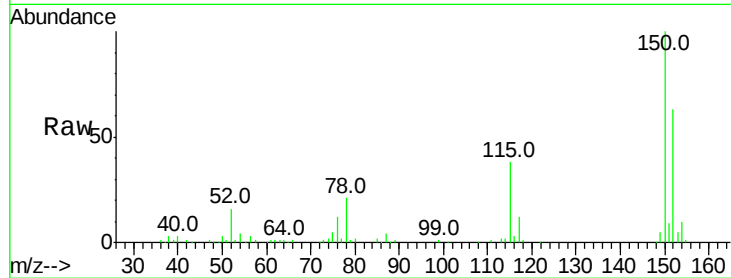


#1

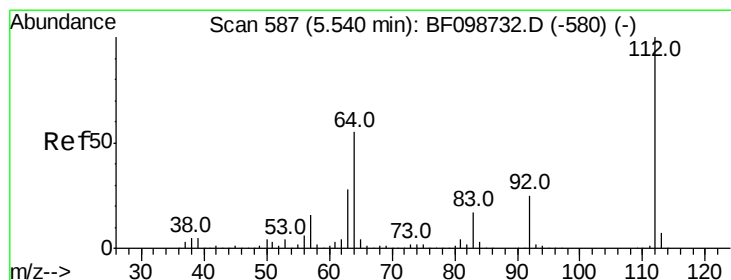
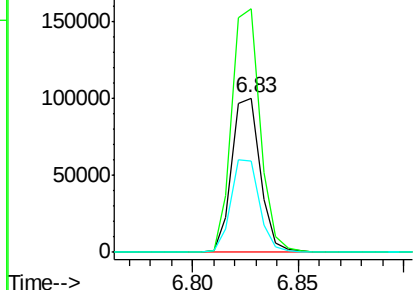
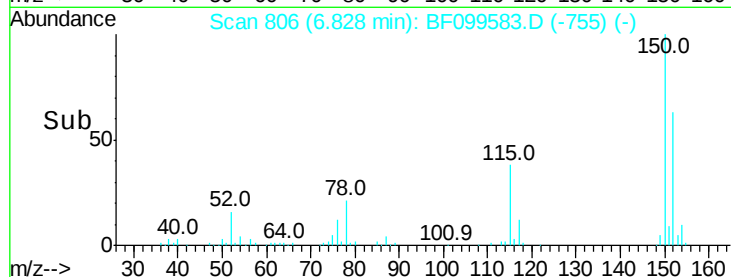
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 ENV-107-1(0-5)

Tot Ion:152 Resp: 93294
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 59.1 50.1 75.1



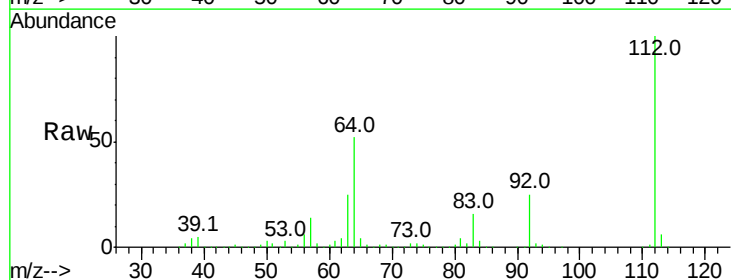
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



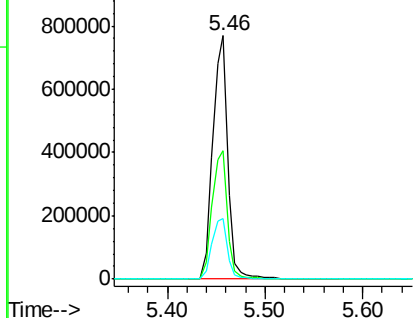
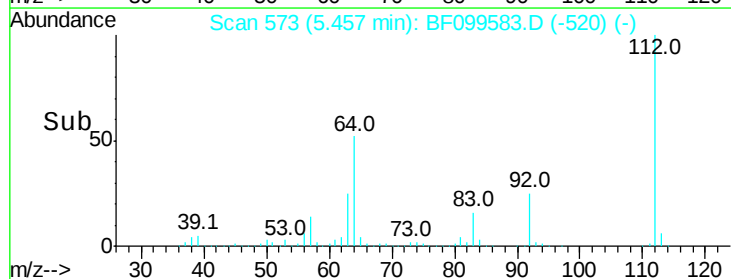
#5

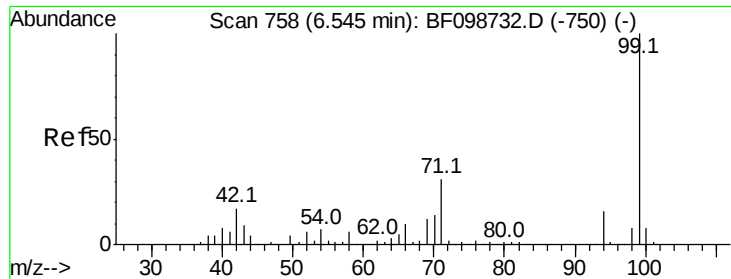
2-Fluorophenol
 Concen: 139.370 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

Tgt Ion:112 Resp: 816782
 Ion Ratio Lower Upper
 112 100
 64 52.5 47.9 71.9
 63 25.1 23.7 35.5



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: 138.843 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF099583.D

Acq: 17 Oct 2017 16:15

Instrument :

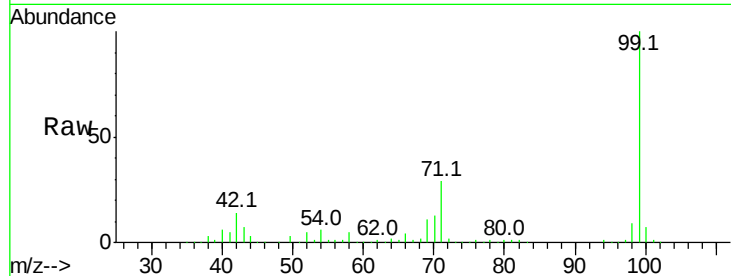
BNA_F

ClientSampleId :

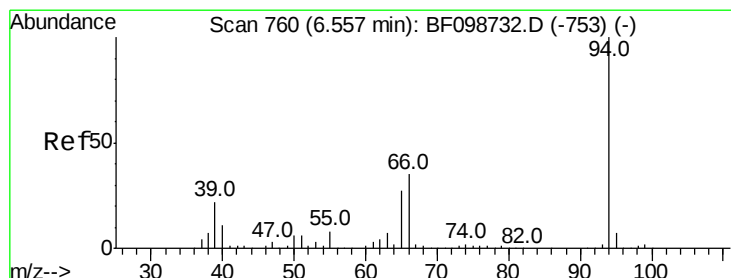
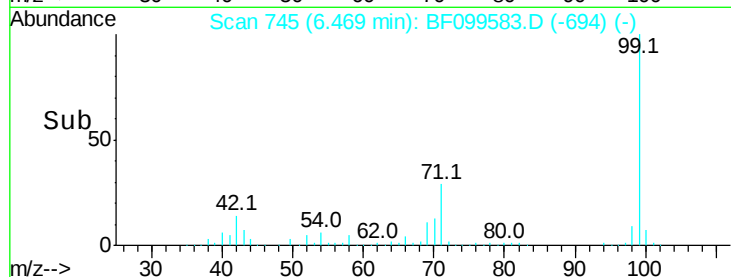
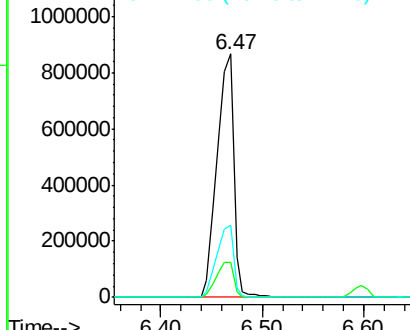
ENV-107-1(0-5)

Tot Ion: 99 Resp: 1003786

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	29.5	25.4	38.0



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: 2.065 ng

RT: 6.47 min Scan# 746

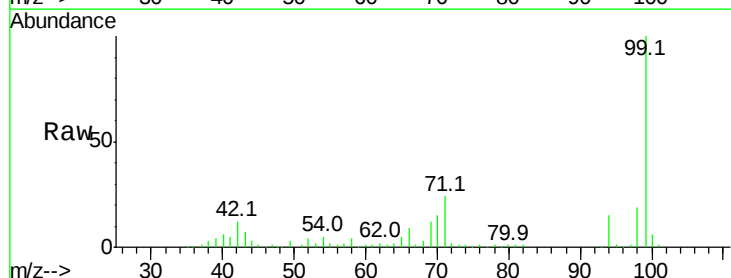
Delta R.T. -0.01 min

Lab File: BF099583.D

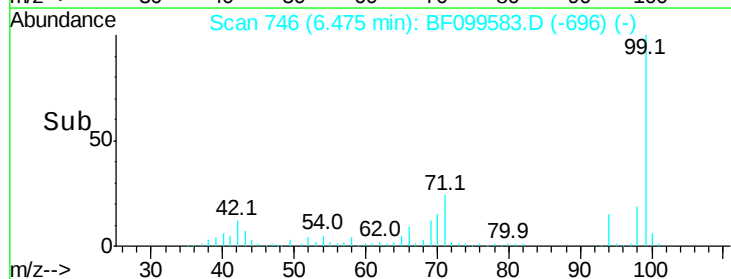
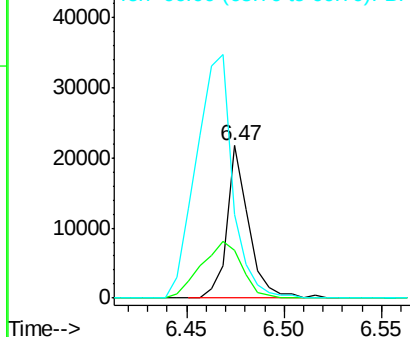
Acq: 17 Oct 2017 16:15

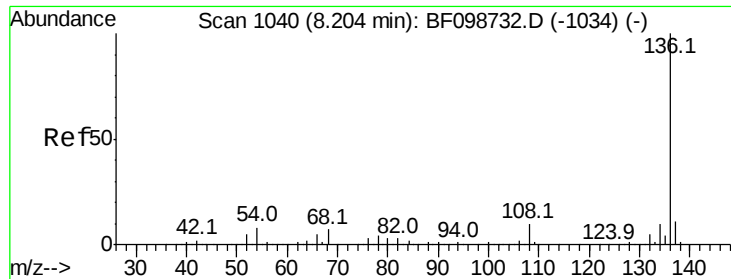
Tgt Ion: 94 Resp: 16697

Ion	Ratio	Lower	Upper
94	100		
65	30.9	7.9	47.9
66	55.0	16.2	56.2



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

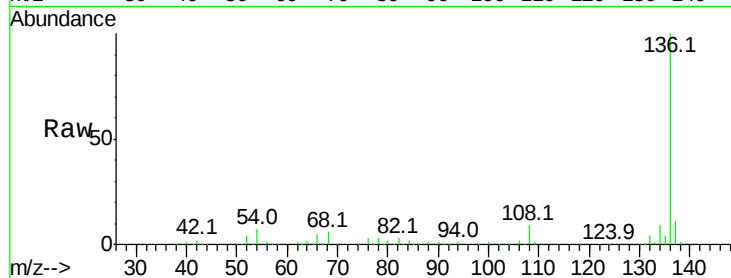




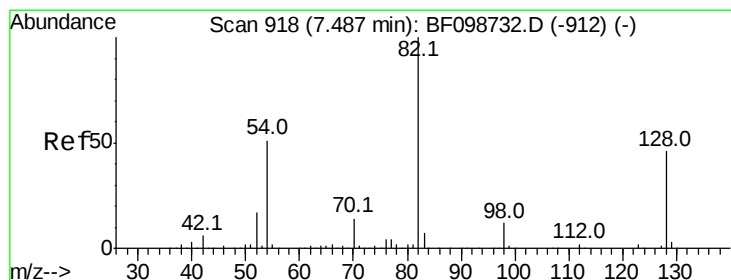
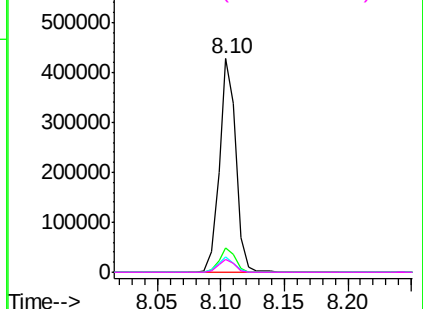
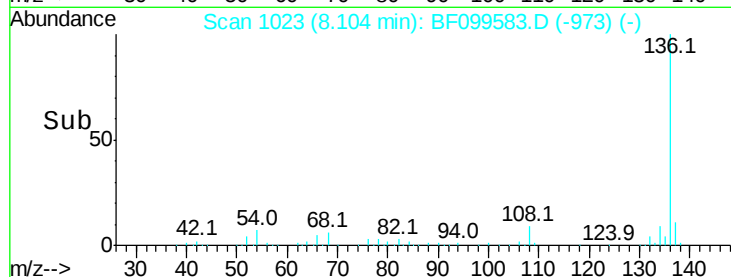
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

Instrument :
BNA_F
ClientSampleId :
ENV-107-1(0-5)

Tot Ion:	136	Resp:	389673
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4

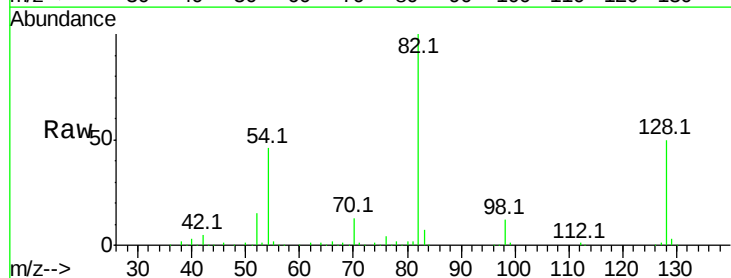


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

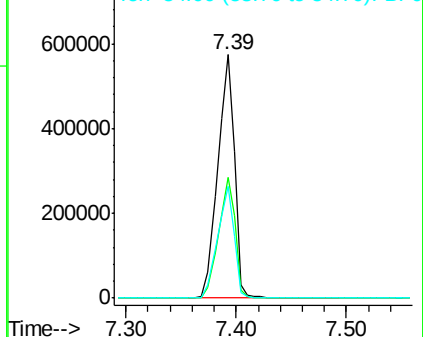
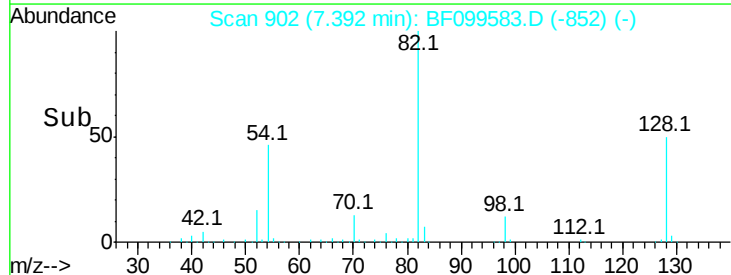


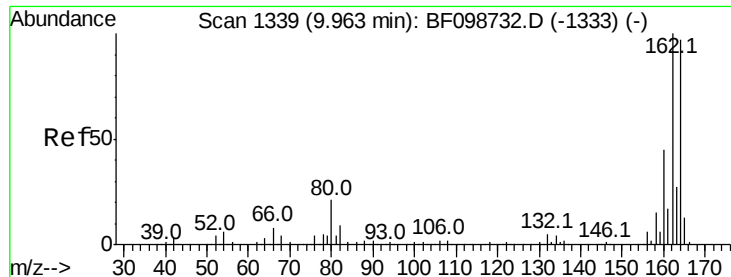
#23
Nitrobenzene-d5
Concen: 98.932 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

Tgt Ion:	82	Resp:	601140
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	46.1	41.4	62.2



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

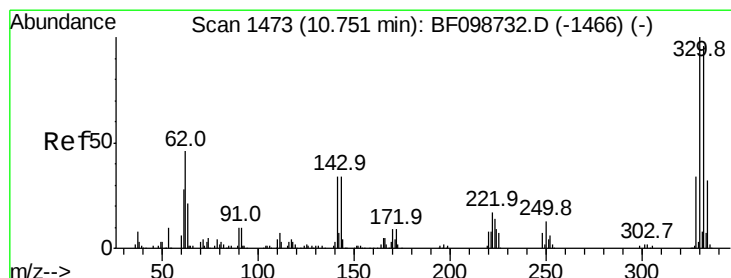
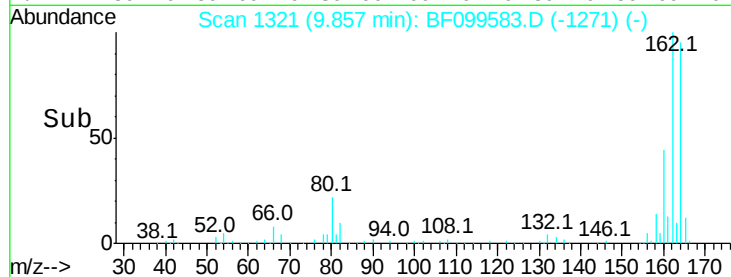
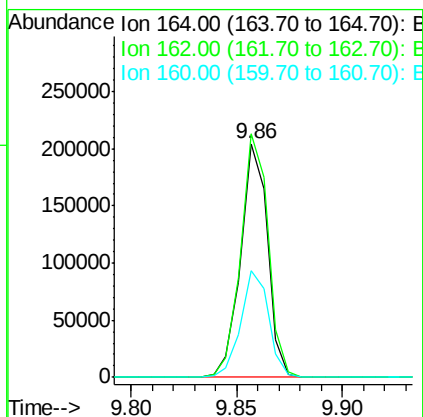
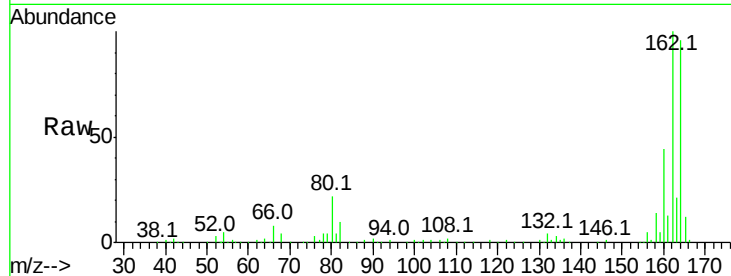




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

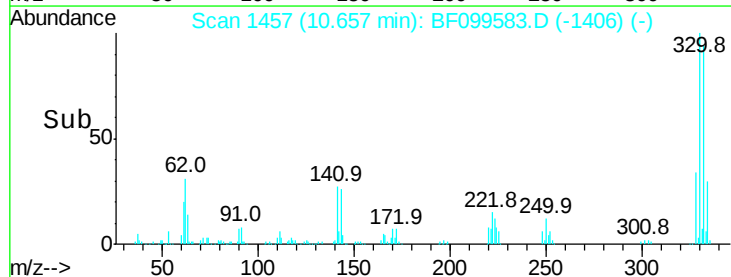
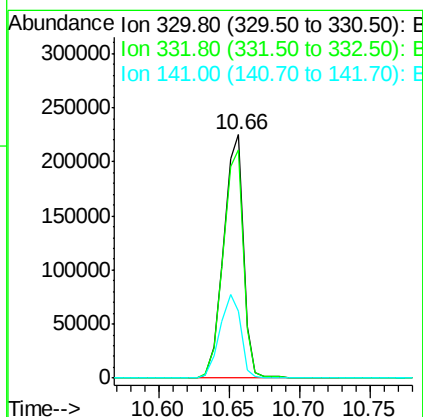
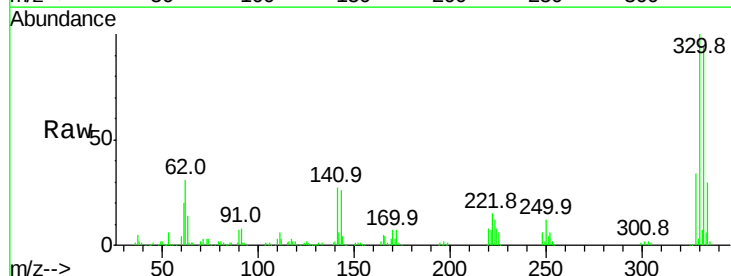
Instrument :
 BNA_F
 ClientSampleId :
 ENV-107-1(0-5)

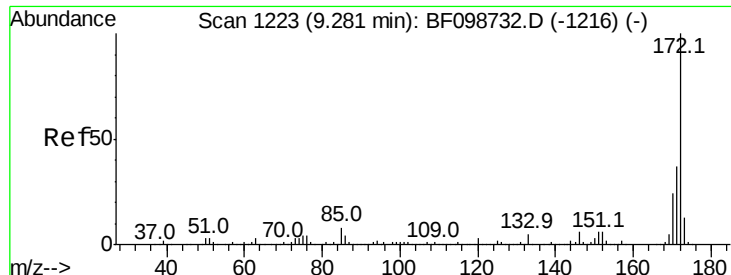
Tot Ion:164 Resp: 180335
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 45.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 149.242 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

Tgt Ion:330 Resp: 220226
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 36.2 29.9 44.9



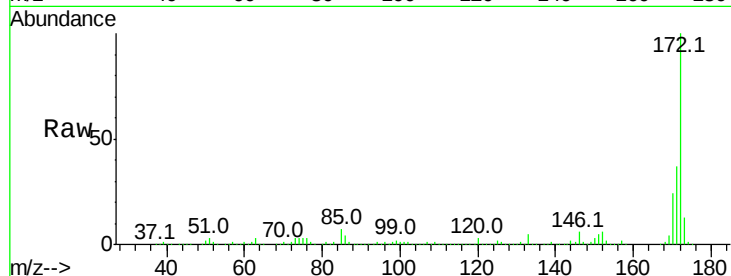


#44
2-Fluorobiphenyl
Concen: 100.203 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

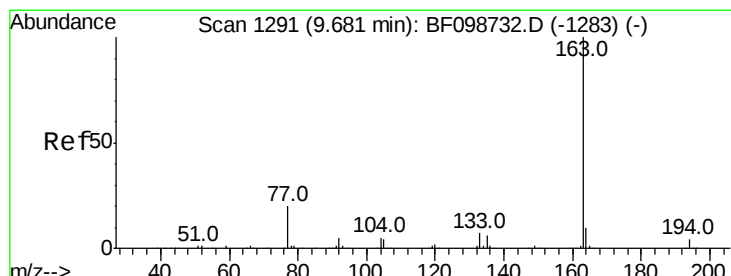
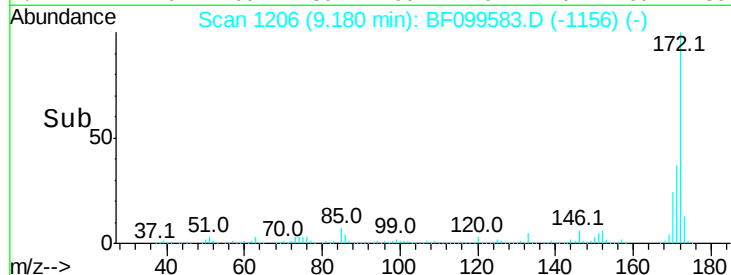
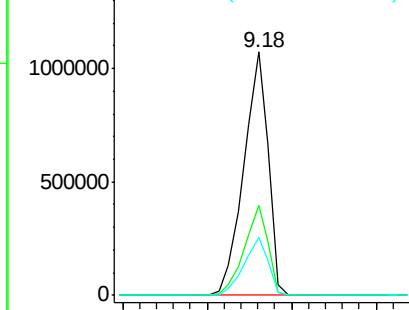
Instrument :
BNA_F
ClientSampleId :
ENV-107-1(0-5)

Tot Ion:172 Resp: 1082419

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.1	19.6	29.4



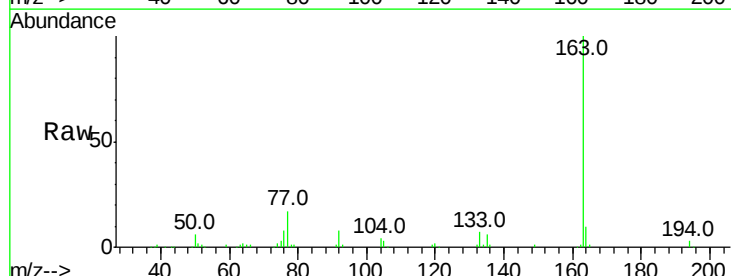
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



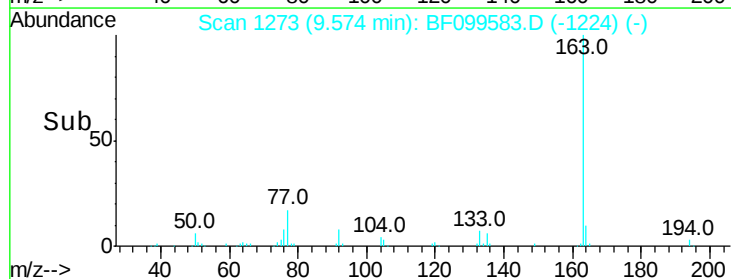
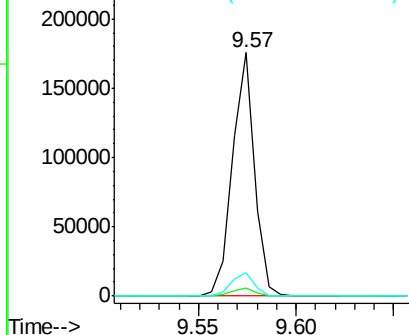
#49
Dimethylphthalate
Concen: 10.116 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

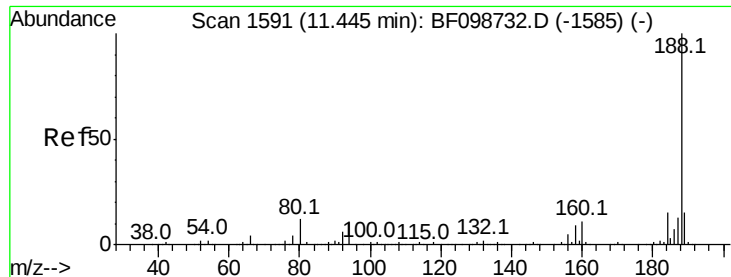
Tgt Ion:163 Resp: 137691

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.7	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

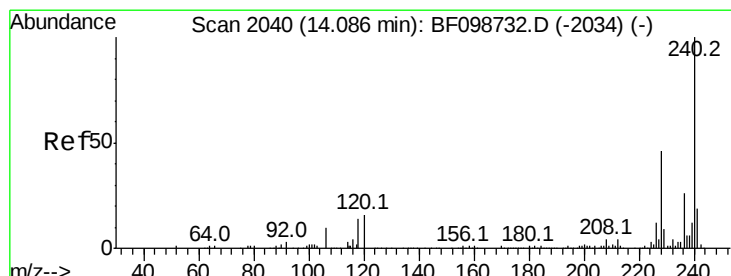
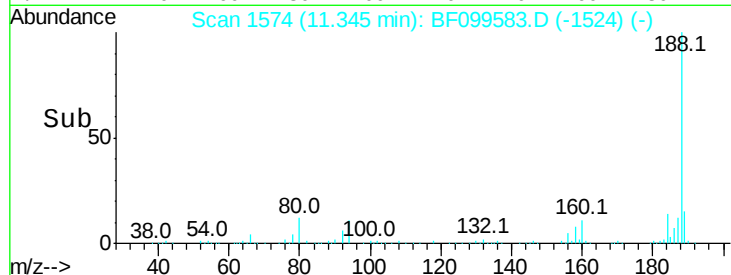
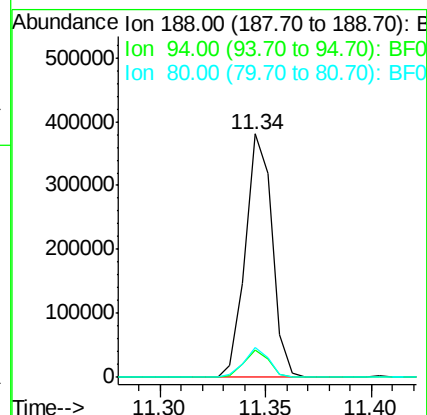
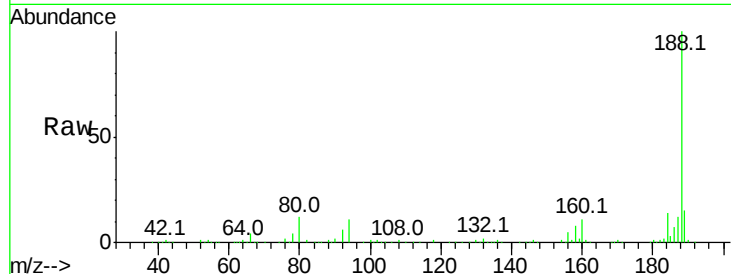




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

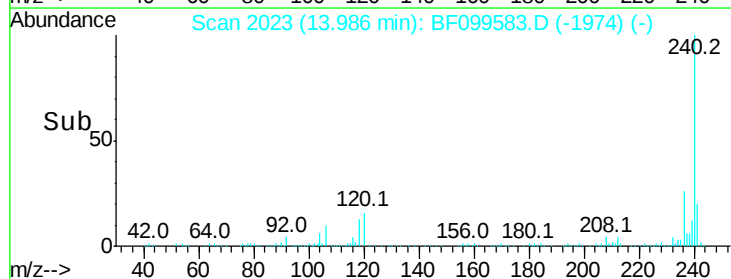
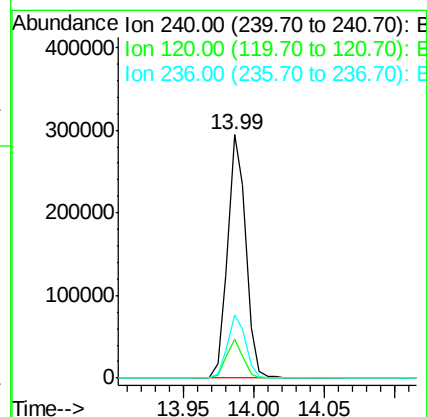
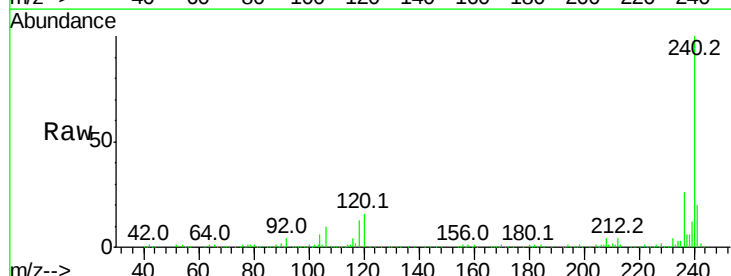
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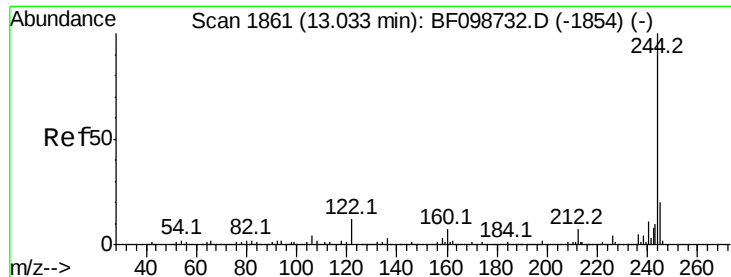
Tot Ion:188 Resp: 333196
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

Tgt Ion:240 Resp: 263573
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 85.612 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF099583.D

Acq: 17 Oct 2017 16:15

Instrument :

BNA_F

ClientSampleId :

ENV-107-1(0-5)

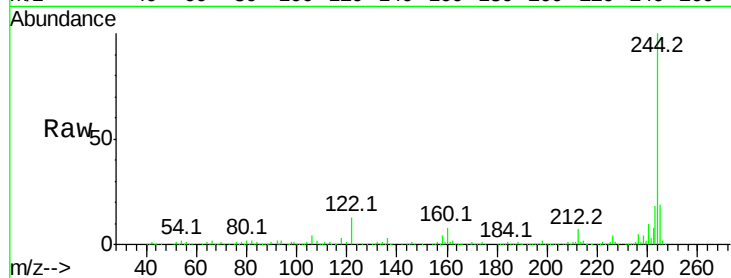
Tot Ion:244 Resp: 992211

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

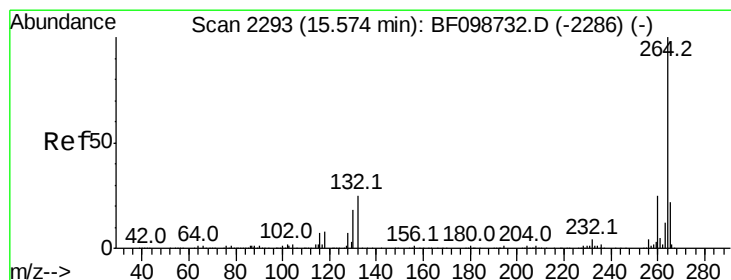
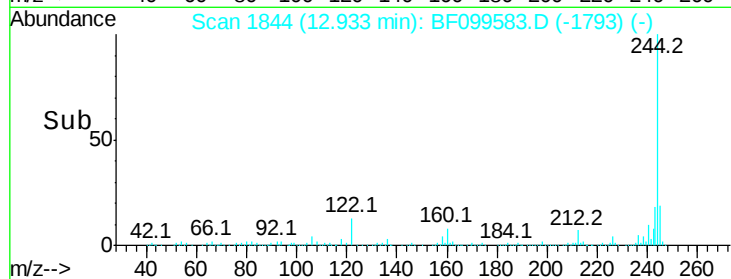
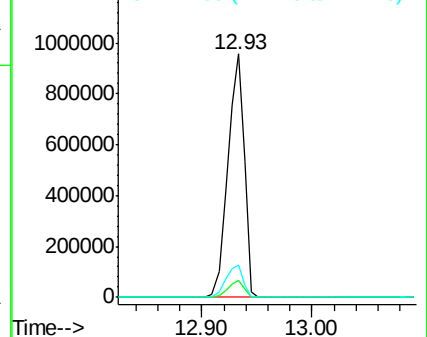
122 13.2 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF099583.D

Acq: 17 Oct 2017 16:15

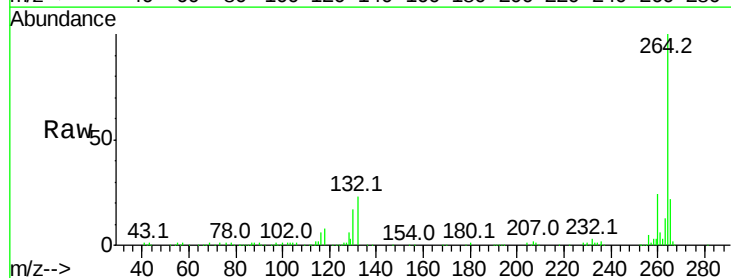
Tgt Ion:264 Resp: 180928

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 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

