

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099900.D
 Acq On : 28 Oct 2017 2:54
 Operator : SJ/JU
 Sample : I6029-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-6(20-30)

Quant Time: Oct 28 04:15:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

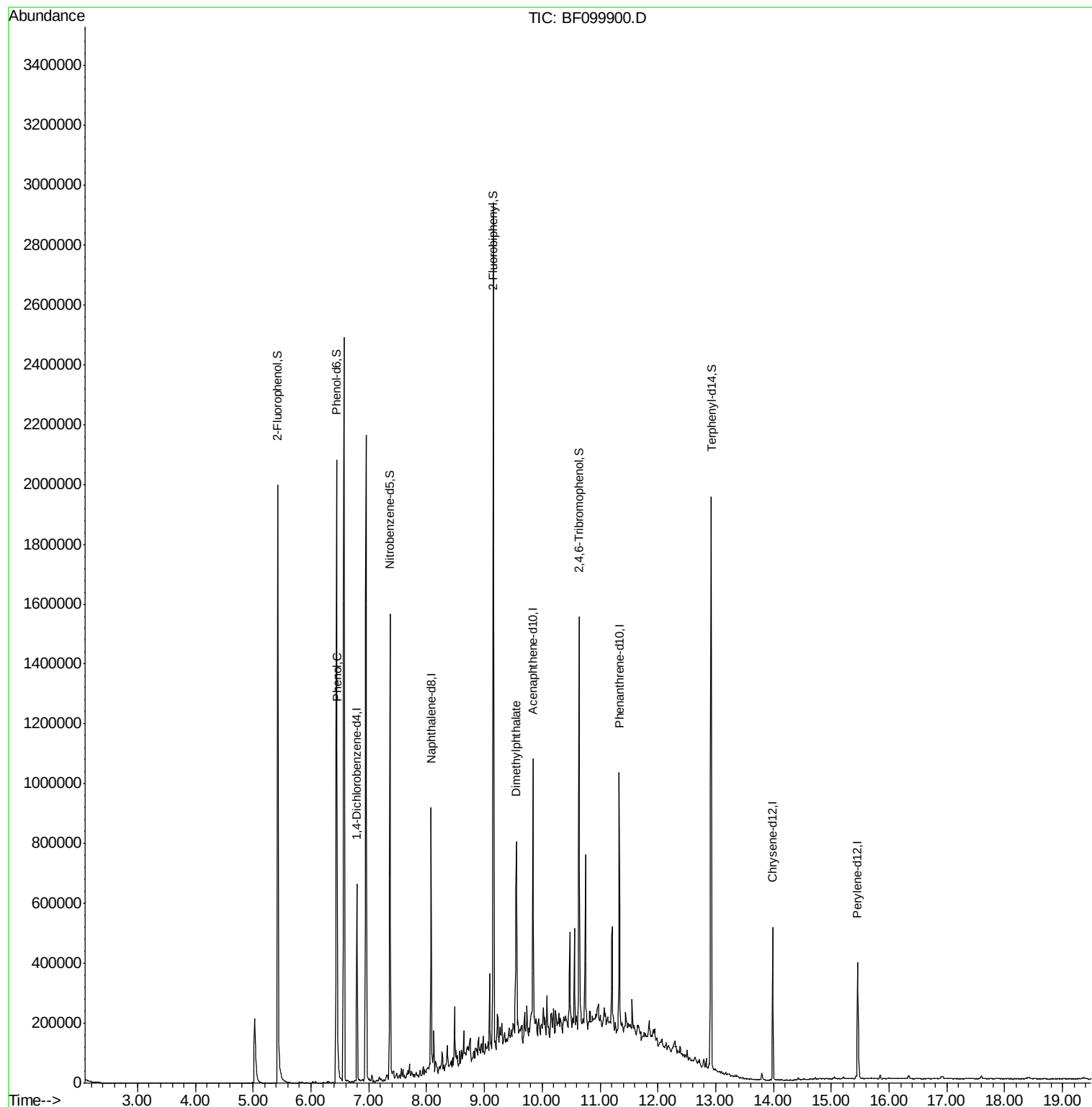
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	101332	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	412739	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	185721	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	295380	20.00	ng	0.00
75) Chrysene-d12	13.99	240	175490	20.00	ng	0.00
86) Perylene-d12	15.46	264	184563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	810066	125.51	ng	0.01
7) Phenol-d6	6.45	99	967005	126.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	556215	86.76	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	192812	113.92	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1000095	83.08	ng	0.00
78) Terphenyl-d14	12.92	244	670183	83.46	ng	0.00
Target Compounds						
10) Phenol	6.46	94	51824	6.168	ng	94
49) Dimethylphthalate	9.56	163	213273	14.501	ng	98

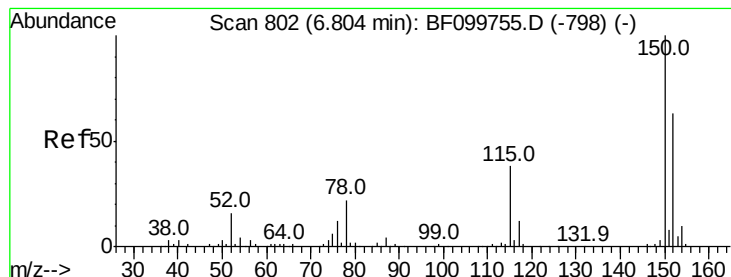
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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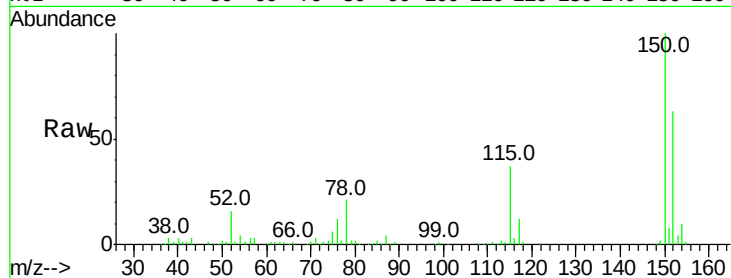


#1

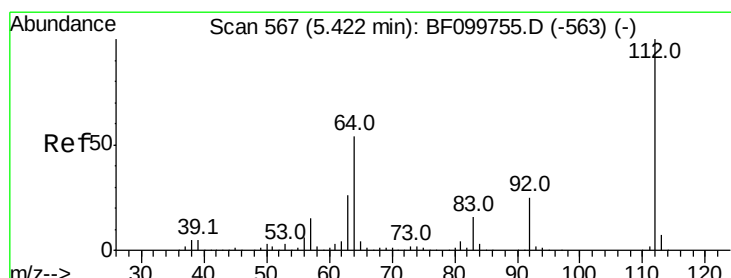
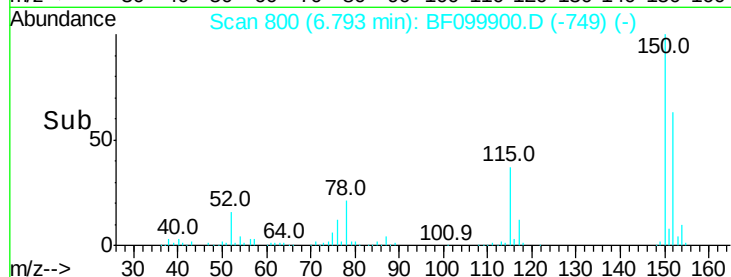
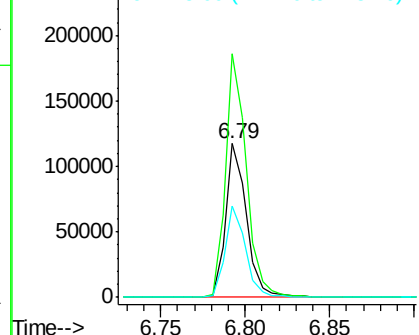
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(20-30)

Tot Ion:152 Resp: 101332
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 59.2 50.1 75.1



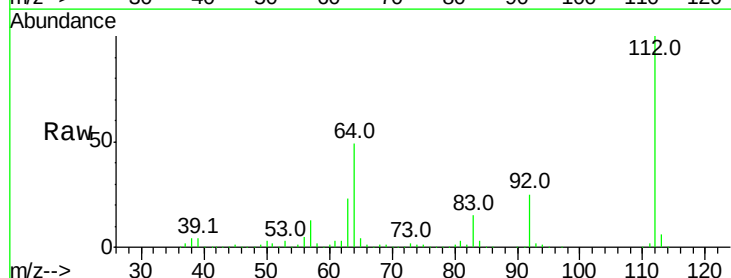
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



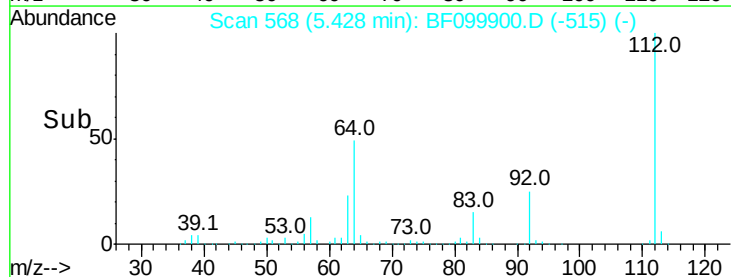
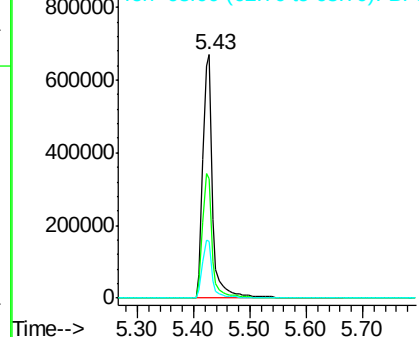
#5

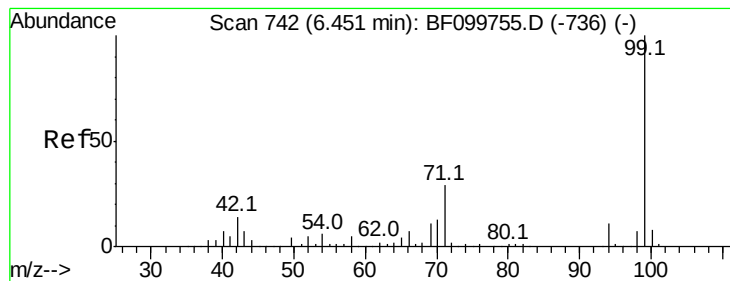
2-Fluorophenol
Concen: 125.506 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

Tgt Ion:112 Resp: 810066
Ion Ratio Lower Upper
112 100
64 48.9 47.9 71.9
63 23.3 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: 126.354 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(20-30)

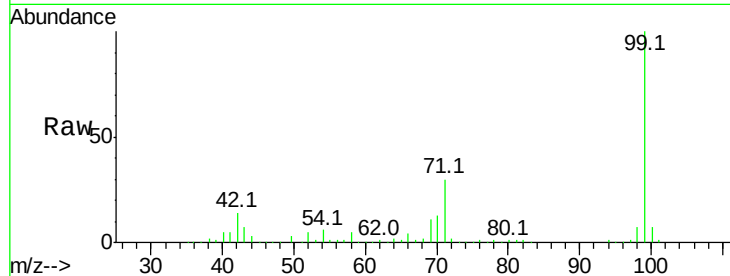
Tot Ion: 99 Resp: 967005

Ion Ratio Lower Upper

99 100

42 14.0 14.5 21.7#

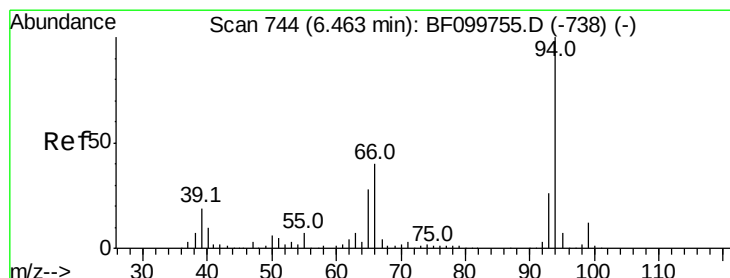
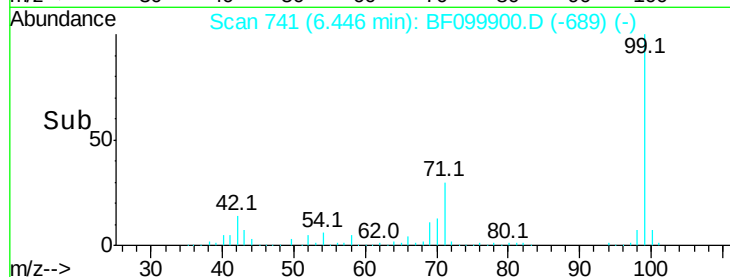
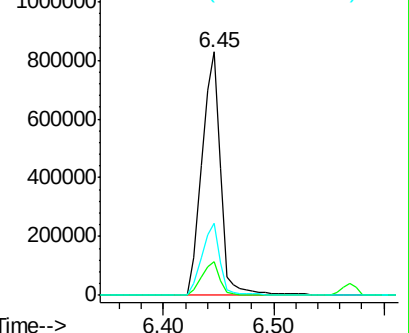
71 29.8 25.4 38.0



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: 6.168 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

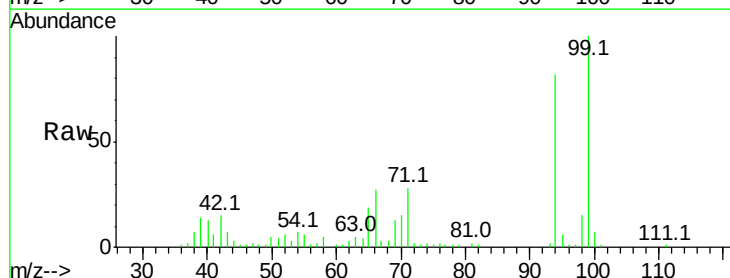
Tgt Ion: 94 Resp: 51824

Ion Ratio Lower Upper

94 100

65 23.6 7.9 47.9

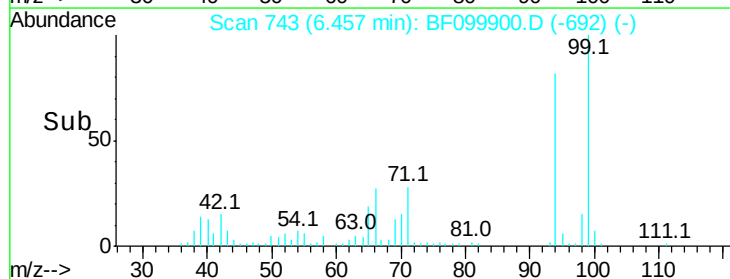
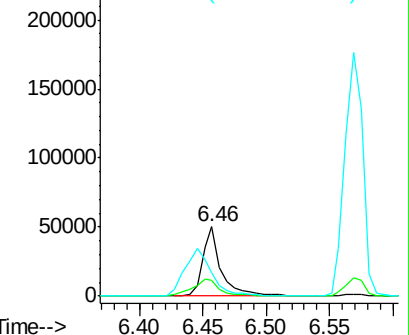
66 33.5 16.2 56.2

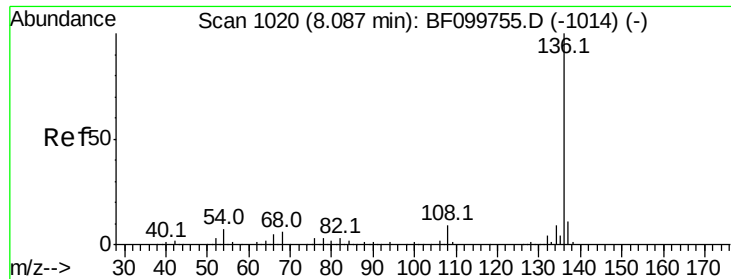


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

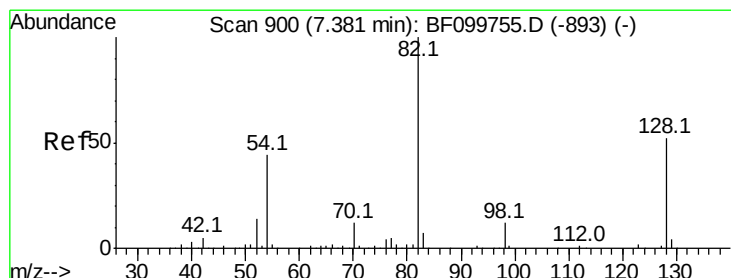
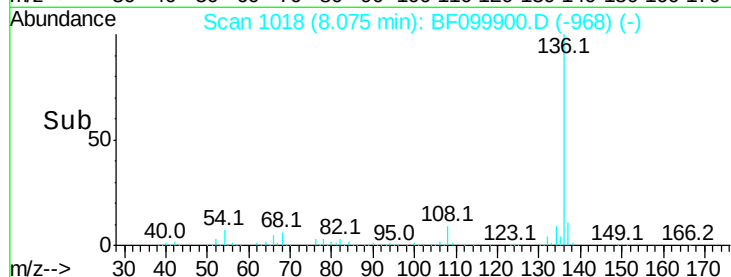
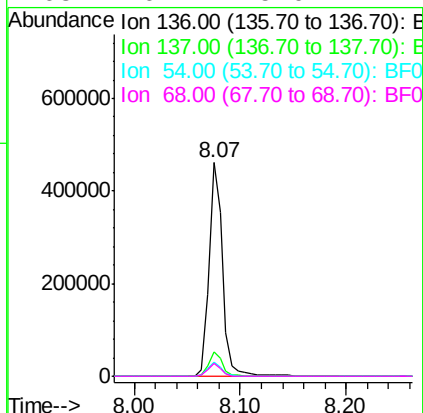
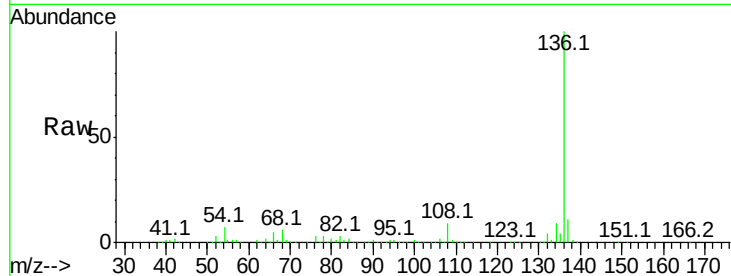




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

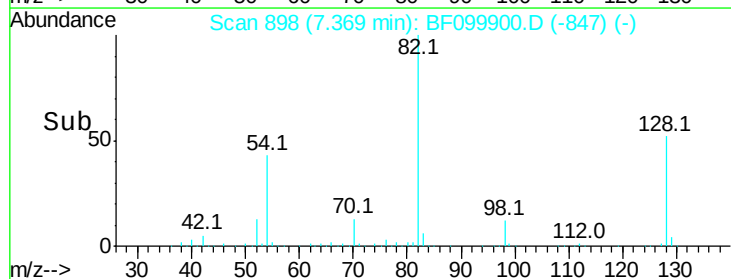
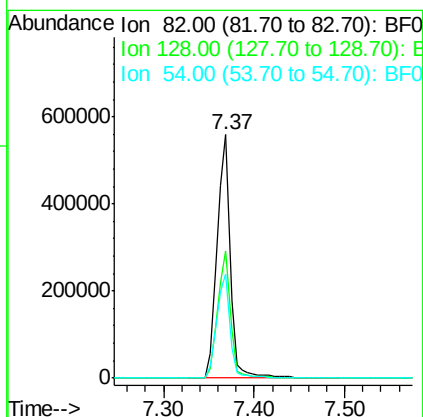
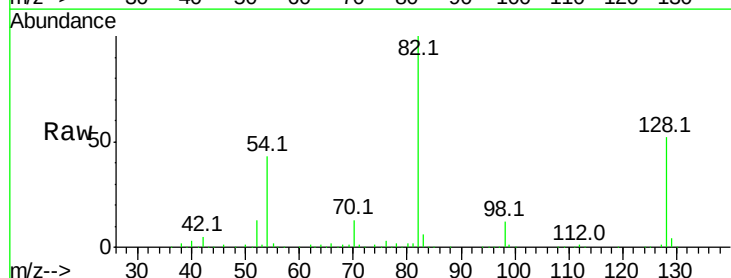
Instrument :
BNA_F
ClientSampleId :
ENV-116-6(20-30)

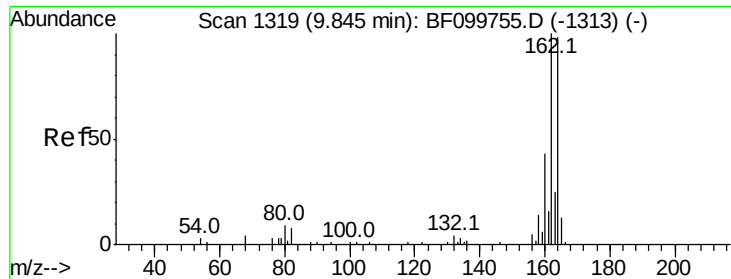
Tot Ion:136	Resp:	412739
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	6.8	6.6 9.8
68	6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 86.760 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

Tgt Ion: 82	Resp:	556215
Ion	Ratio	Lower Upper
82	100	
128	52.2	36.1 54.1
54	42.9	41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(20-30)

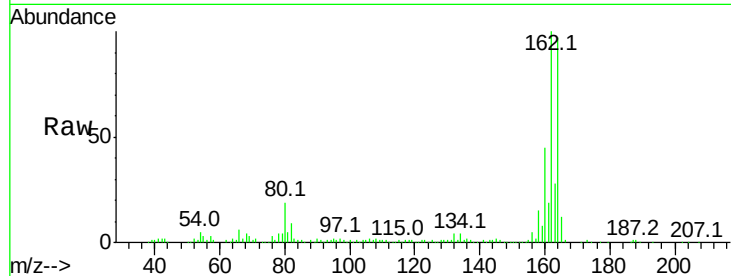
Tot Ion:164 Resp: 185721

Ion Ratio Lower Upper

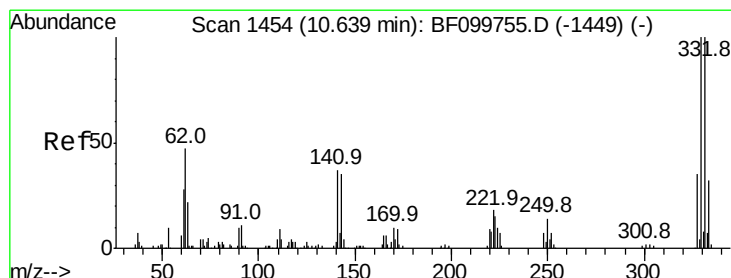
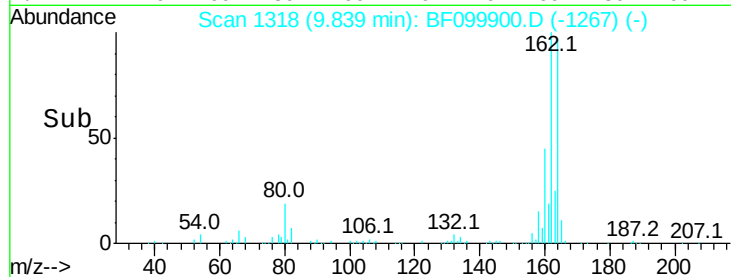
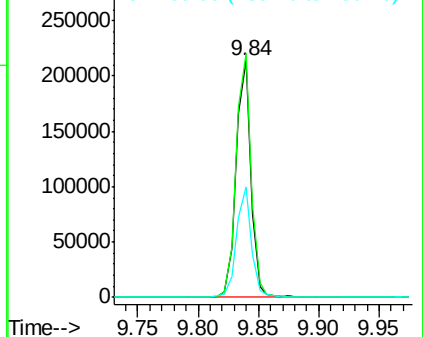
164 100

162 102.7 86.1 129.1

160 46.4 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: 113.921 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

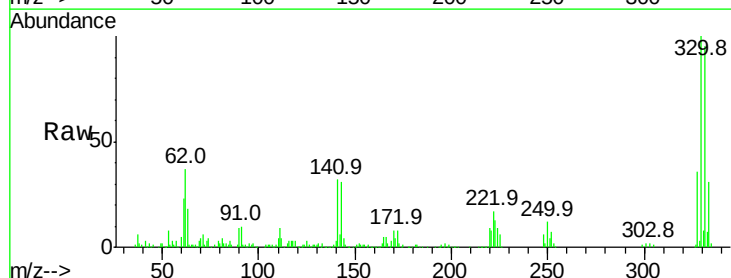
Tgt Ion:330 Resp: 192812

Ion Ratio Lower Upper

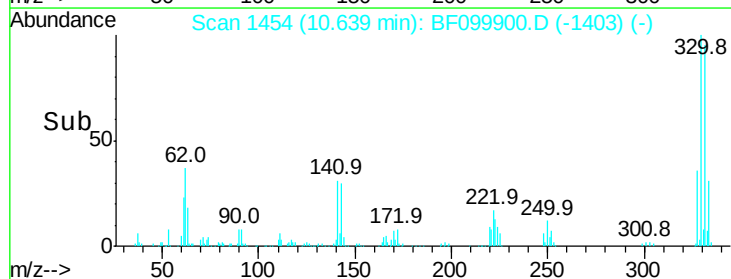
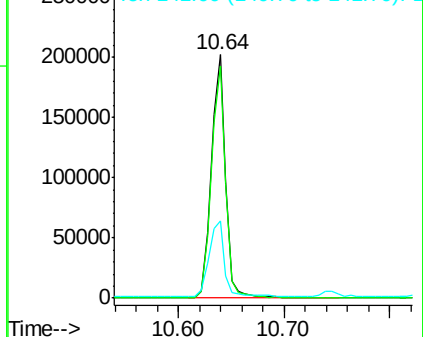
330 100

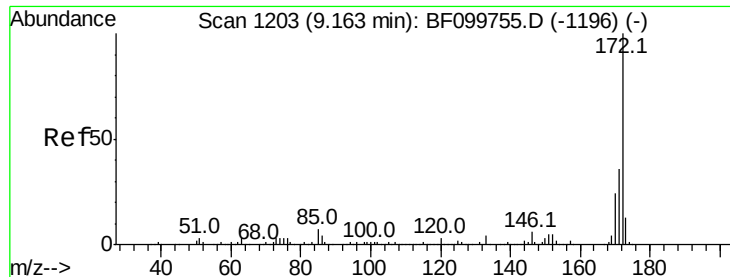
332 95.8 77.0 115.6

141 33.5 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

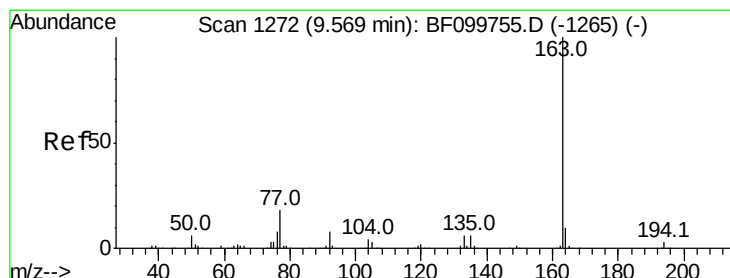
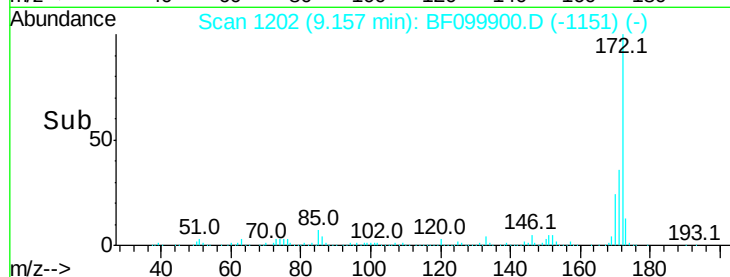
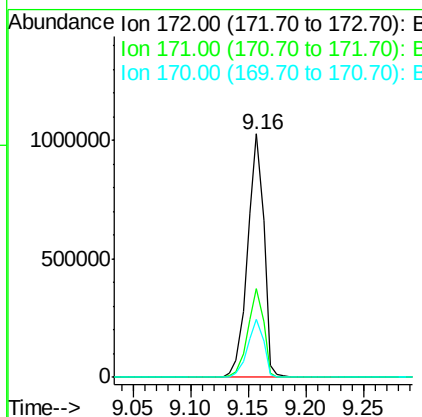
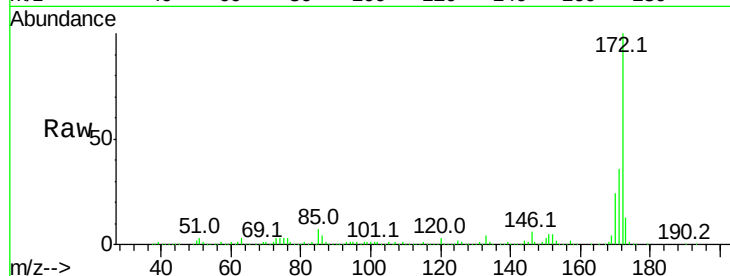




#44
2-Fluorobiphenyl
Concen: 83.081 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

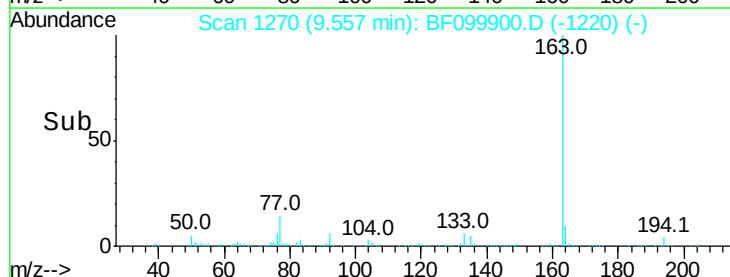
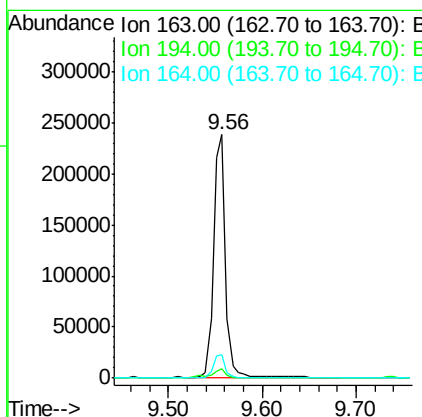
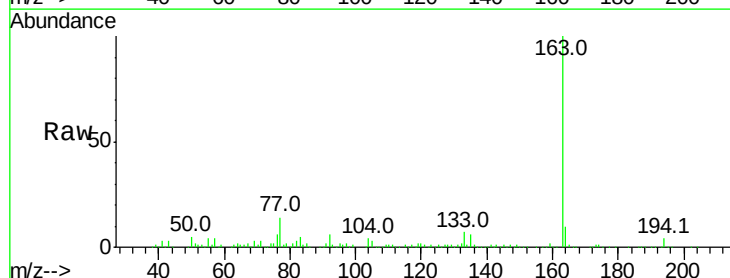
Instrument :
BNA_F
ClientSampleId :
ENV-116-6(20-30)

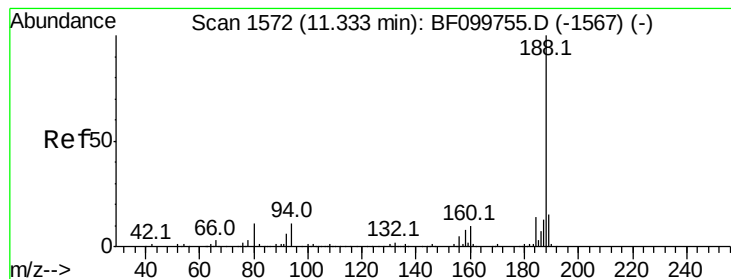
Tot Ion:172 Resp: 1000095
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 14.501 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

Tgt Ion:163 Resp: 213273
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.6 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(20-30)

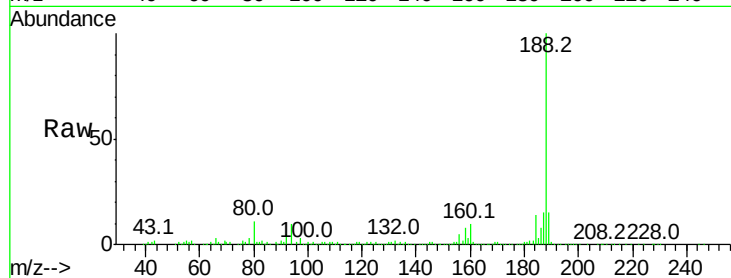
Tot Ion:188 Resp: 295380

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

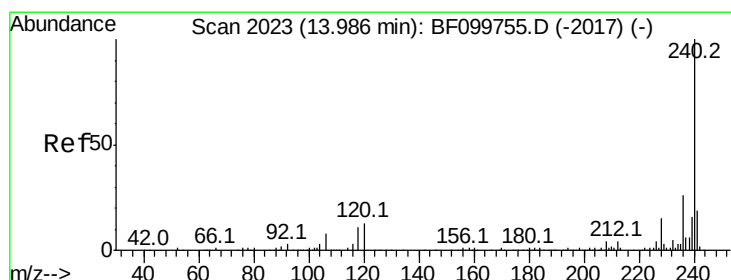
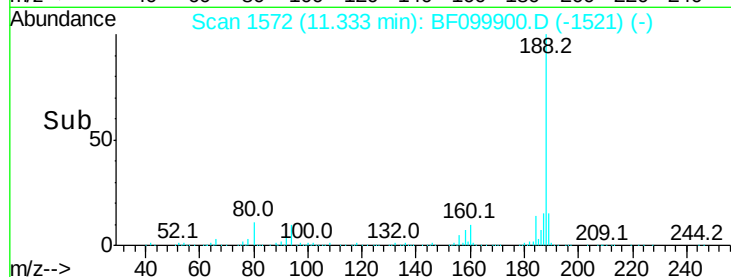
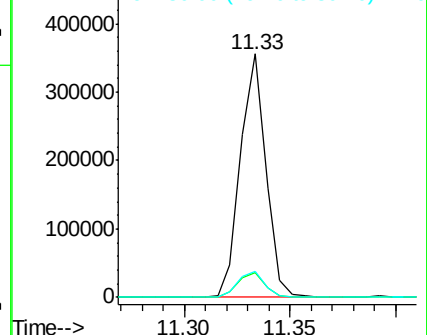
80 10.8 9.2 13.8



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: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

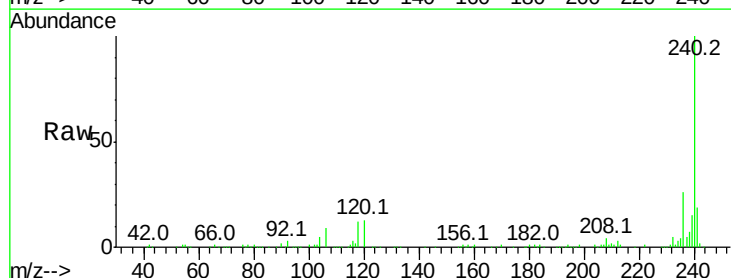
Tgt Ion:240 Resp: 175490

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

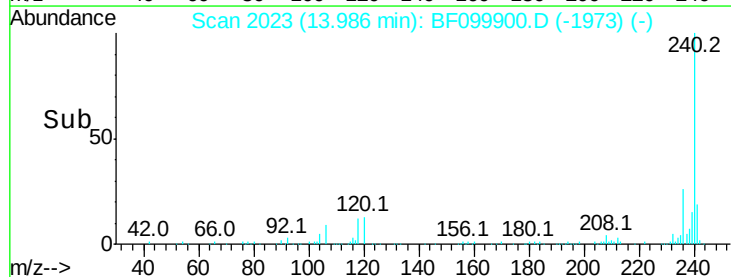
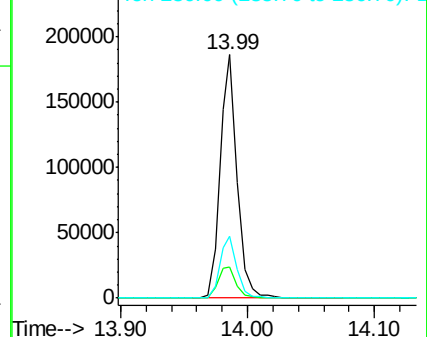
236 25.6 20.7 31.1

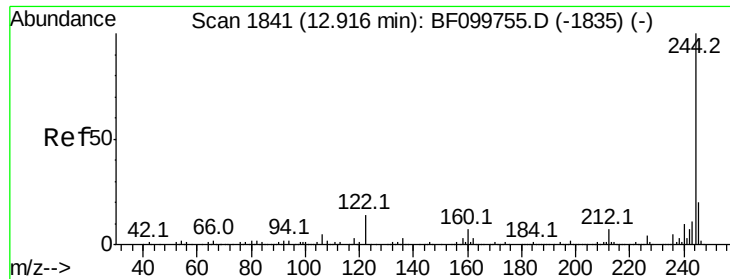


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.458 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

ENV-116-6(20-30)

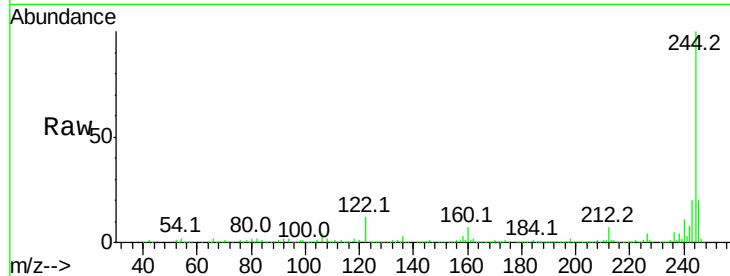
Tot Ion:244 Resp: 670183

Ion Ratio Lower Upper

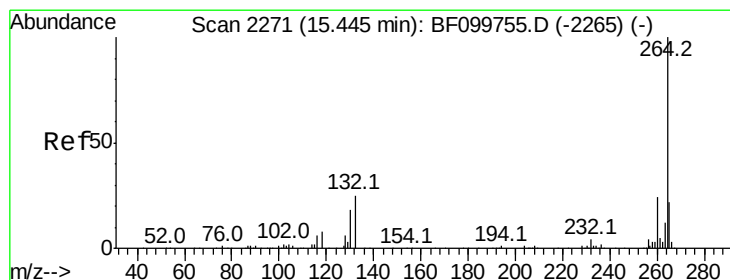
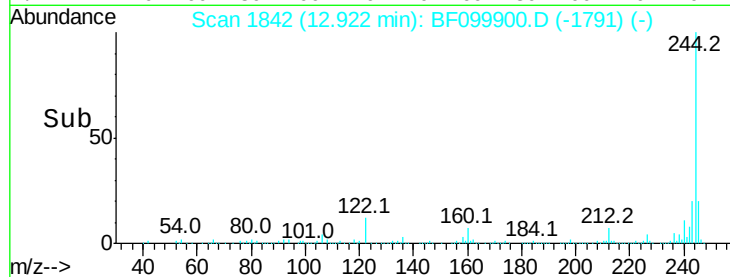
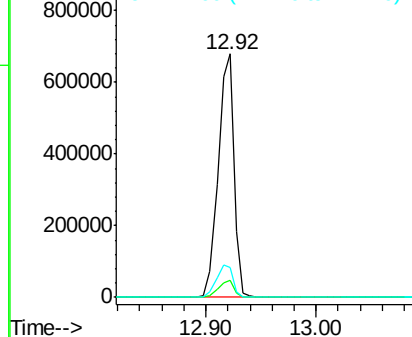
244 100

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: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

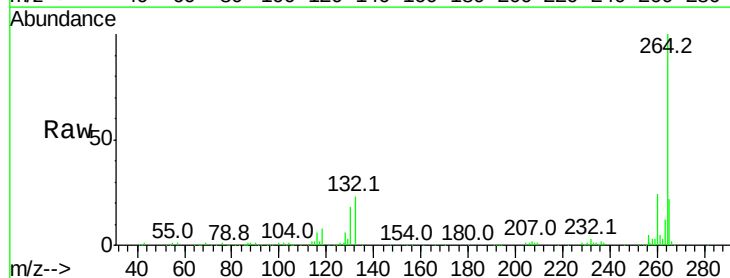
Tgt Ion:264 Resp: 184563

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.8 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

