

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100258.D
 Acq On : 6 Nov 2017 18:39
 Operator : SJ/JU
 Sample : I6334-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 278

Quant Time: Nov 07 01:28:56 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

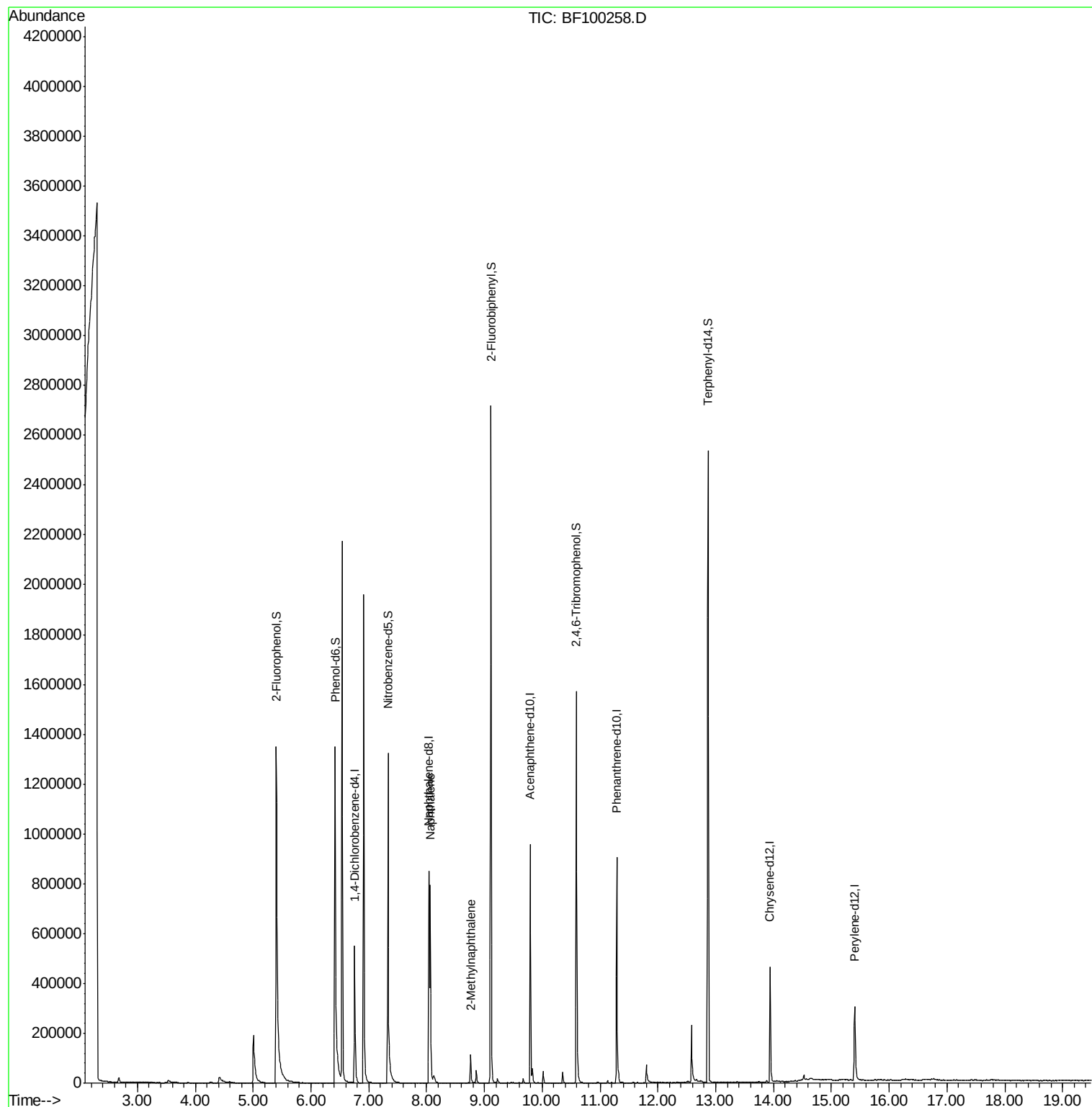
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	100612	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	412409	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	194049	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	334466	20.00	ng	0.00
75) Chrysene-d12	13.94	240	184135	20.00	ng	0.00
86) Perylene-d12	15.40	264	154142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	733542	114.46	ng	0.02
7) Phenol-d6	6.42	99	799477	105.21	ng	0.00
23) Nitrobenzene-d5	7.33	82	532944	83.20	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	210480	119.02	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1067841	84.90	ng	0.00
78) Terphenyl-d14	12.87	244	857605	101.78	ng	0.00
Target Compounds						
31) Naphthalene	8.06	128	483884	24.307	ng	99
37) 2-Methylnaphthalene	8.76	142	41274	3.094	ng	95

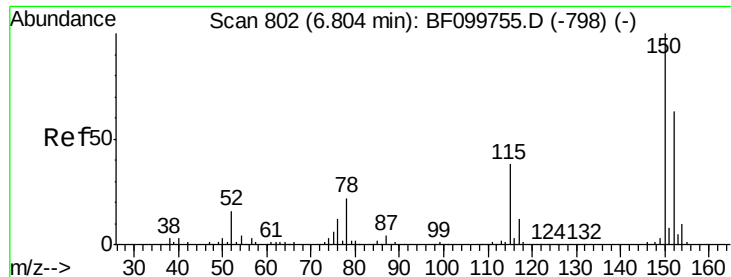
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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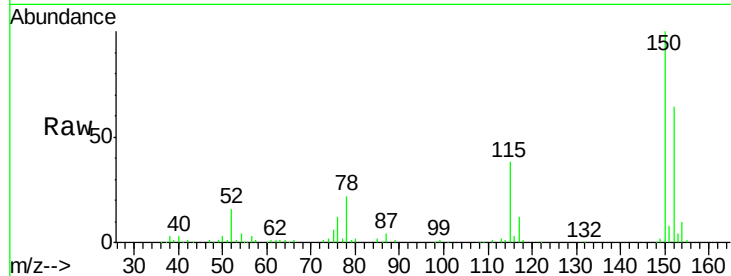


#1

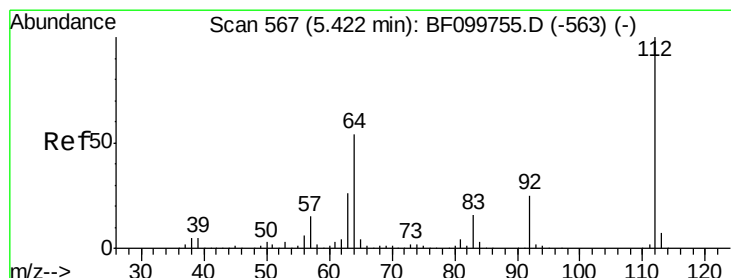
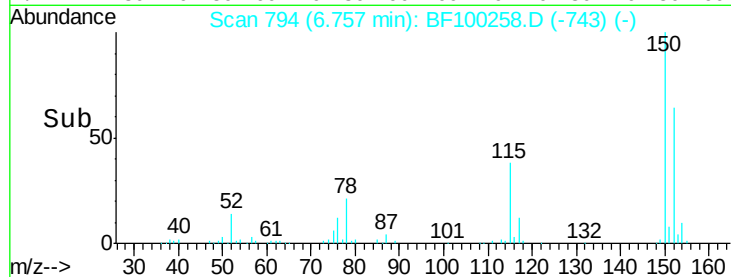
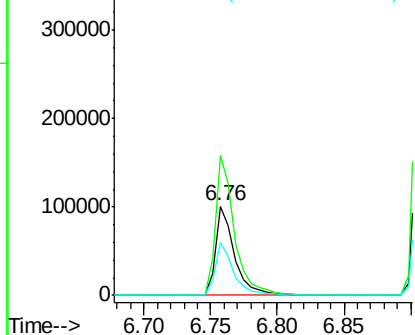
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Instrument :
BNA_F
ClientSampleId :
278

Tgt Ion:152 Resp: 100612
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 59.1 50.1 75.1



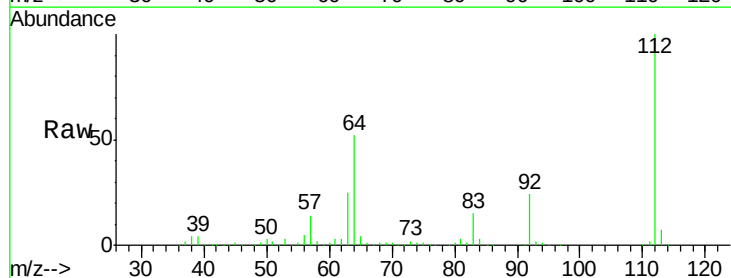
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



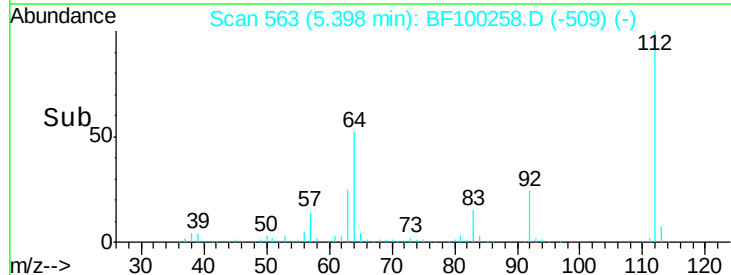
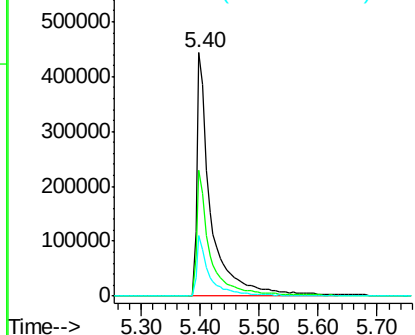
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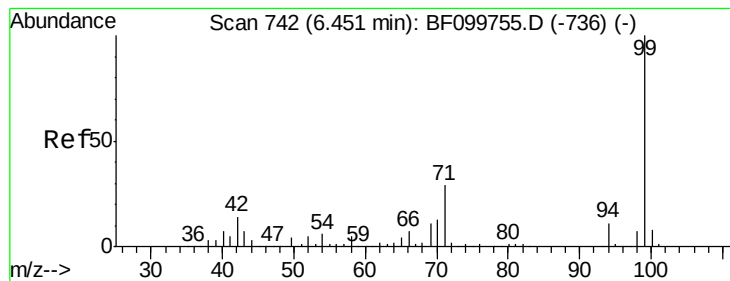
2-Fluorophenol
Concen: 114.463 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Tgt Ion:112 Resp: 733542
Ion Ratio Lower Upper
112 100
64 51.7 47.9 71.9
63 24.8 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: 105.212 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100258.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_F

ClientSampleId :

278

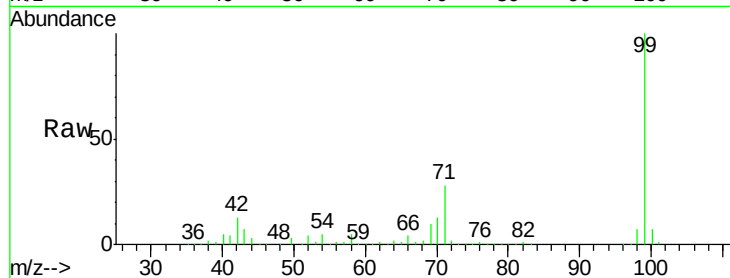
Tgt Ion: 99 Resp: 799477

Ion Ratio Lower Upper

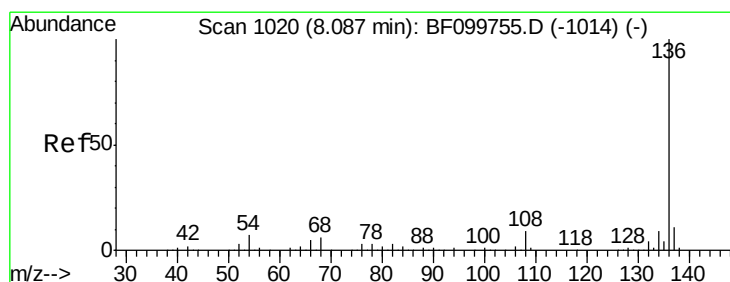
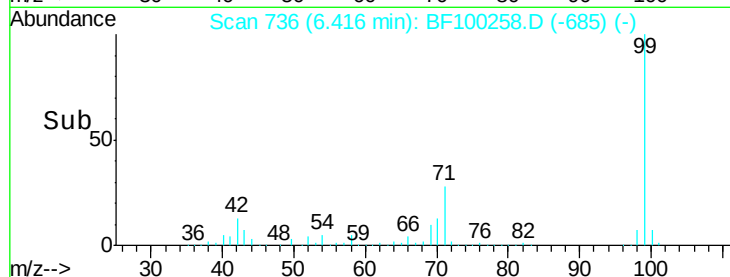
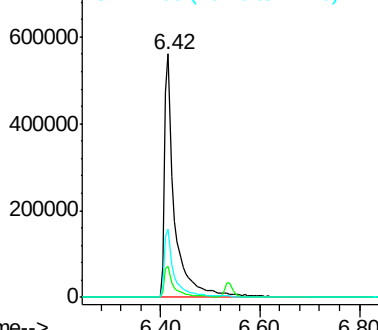
99 100

42 12.8 14.5 21.7#

71 27.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100258.D

Acq: 6 Nov 2017 18:39

Tgt Ion: 136 Resp: 412409

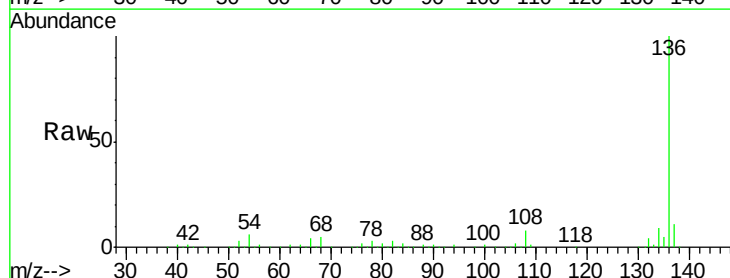
Ion Ratio Lower Upper

136 100

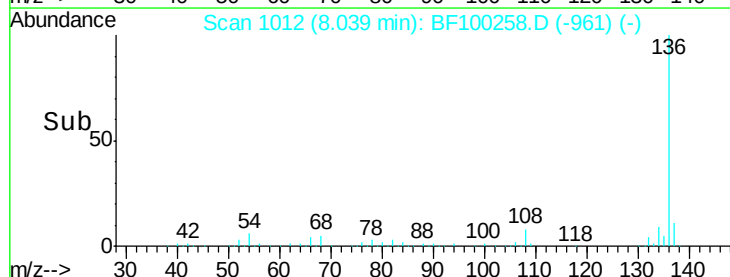
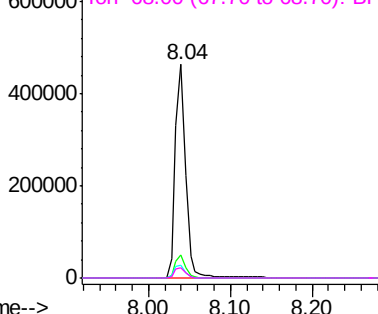
137 10.8 8.9 13.3

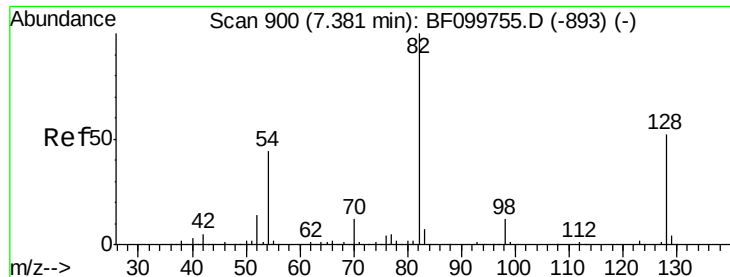
54 5.9 6.6 9.8#

68 5.1 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): BF1
Ion 68.00 (67.70 to 68.70): BF1

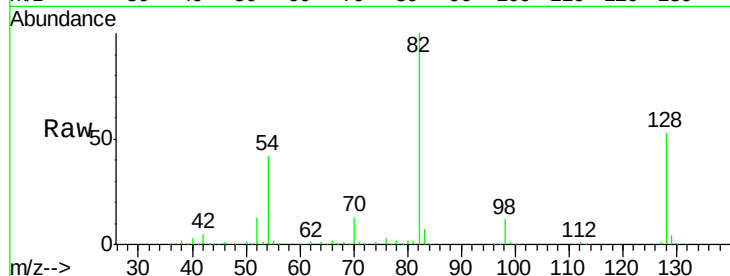




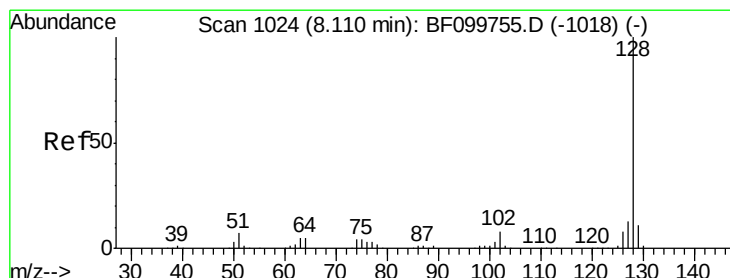
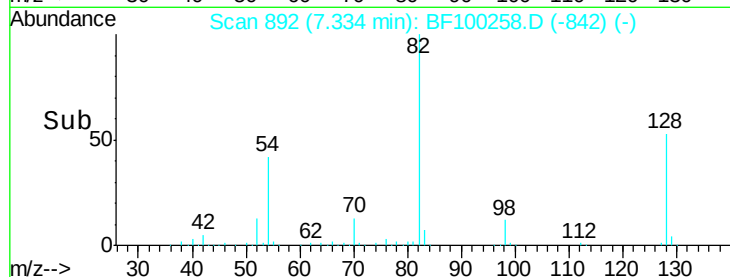
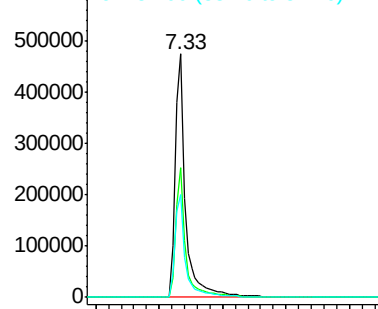
#23
 Nitrobenzene-d5
 Concen: 83.197 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100258.D
 Acq: 6 Nov 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 278

Tgt Ion: 82 Resp: 532944
 Ion Ratio Lower Upper
 82 100
 128 53.3 36.1 54.1
 54 42.2 41.4 62.2

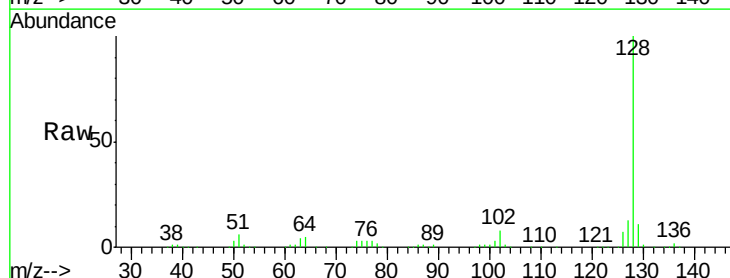


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

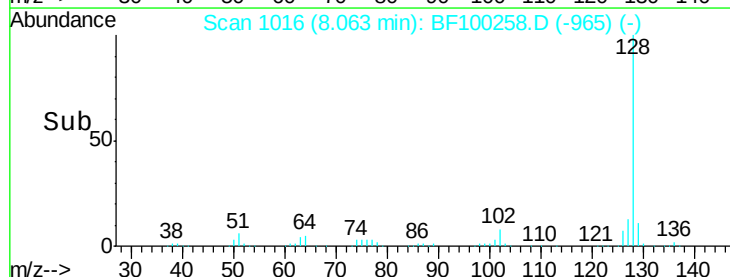
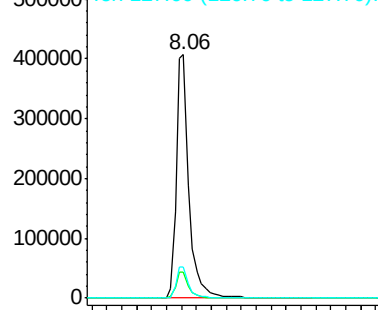


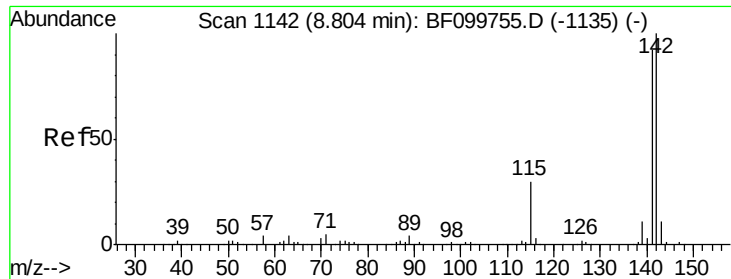
#31
 Naphthalene
 Concen: 24.307 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF100258.D
 Acq: 6 Nov 2017 18:39

Tgt Ion: 128 Resp: 483884
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.8 13.2
 127 12.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

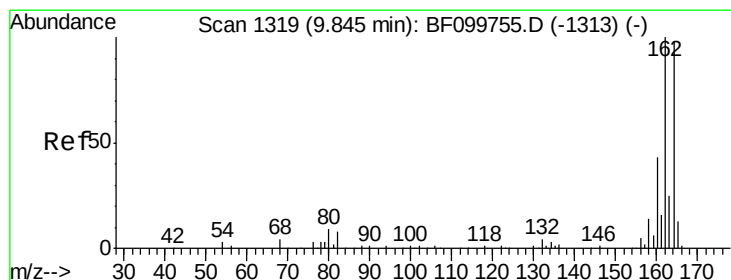
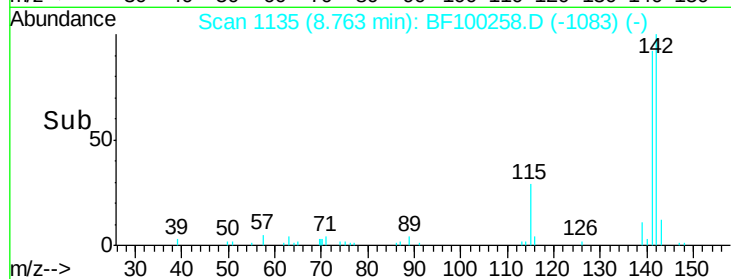
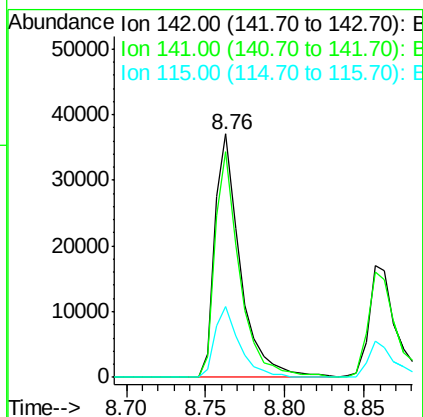
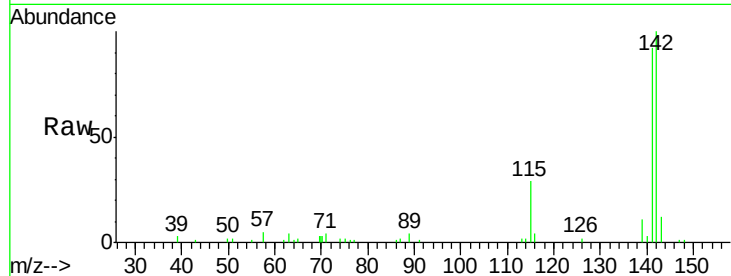




#37
 2-Methylnaphthalene
 Concen: 3.094 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF100258.D
 Acq: 6 Nov 2017 18:39

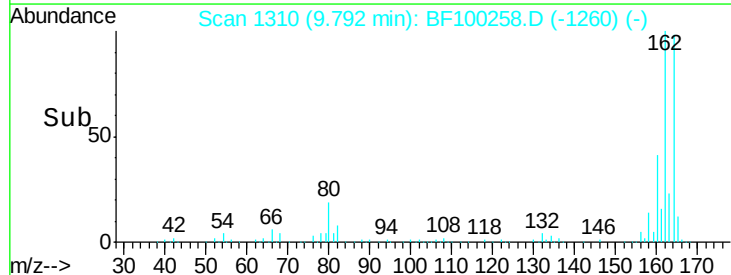
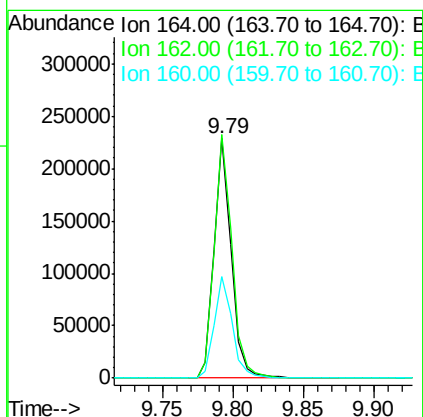
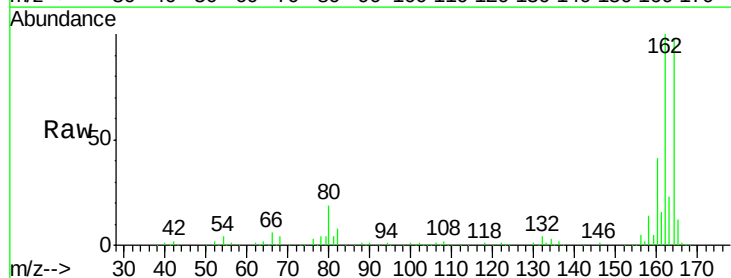
Instrument :
 BNA_F
 ClientSampleId :
 278

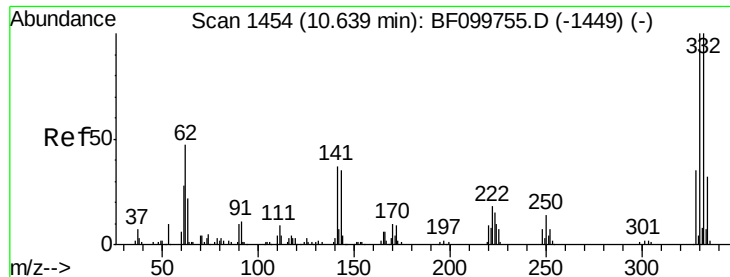
Tgt Ion:142 Resp: 41274
 Ion Ratio Lower Upper
 142 100
 141 92.5 70.8 106.2
 115 29.0 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100258.D
 Acq: 6 Nov 2017 18:39

Tgt Ion:164 Resp: 194049
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 42.1 38.3 57.5

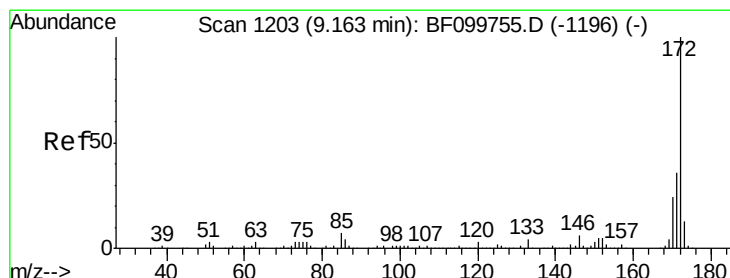
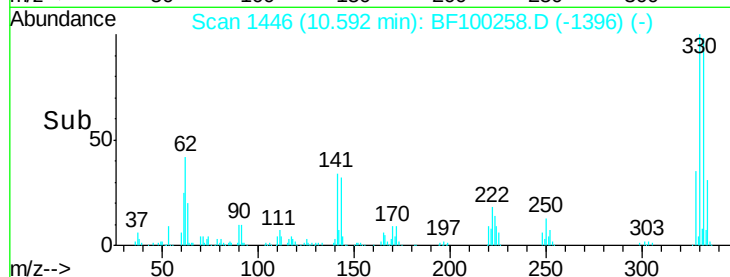
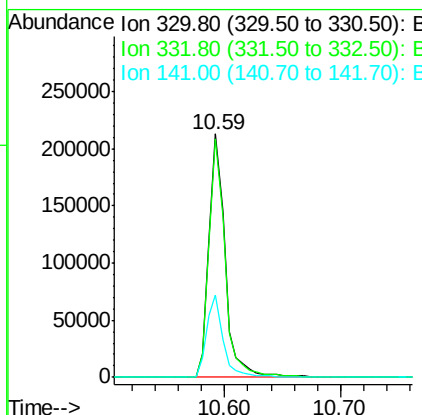
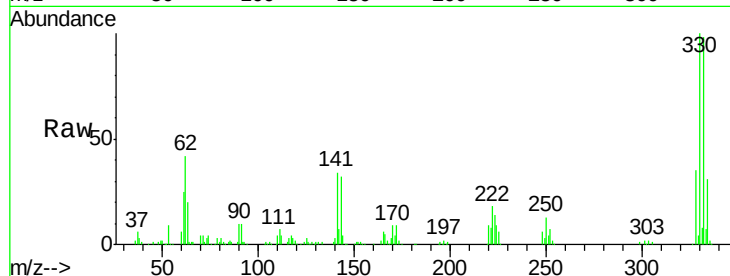




#41
 2,4,6-Tribromophenol
 Concen: 119.023 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100258.D
 Acq: 6 Nov 2017 18:39

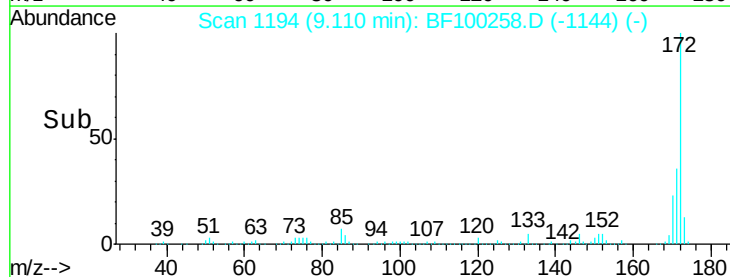
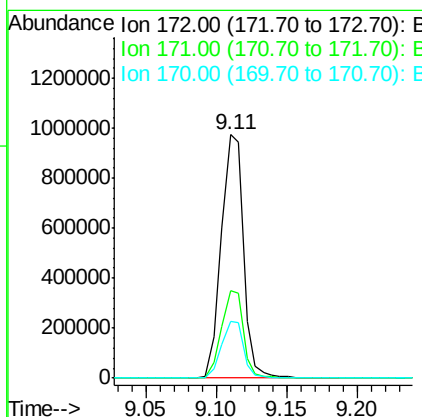
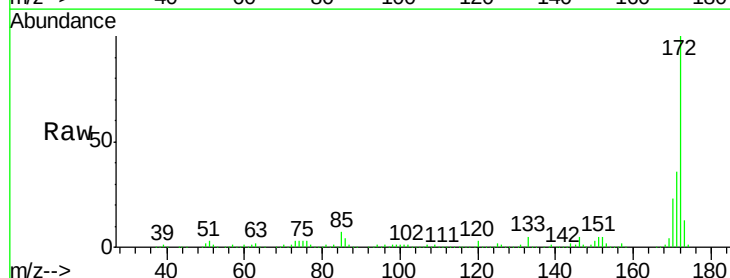
Instrument :
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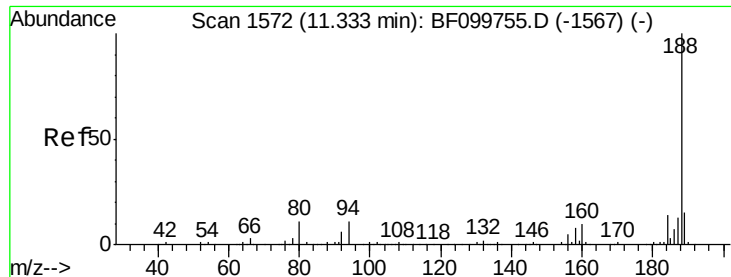
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	34.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.902 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100258.D
 Acq: 6 Nov 2017 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	19.6	29.4

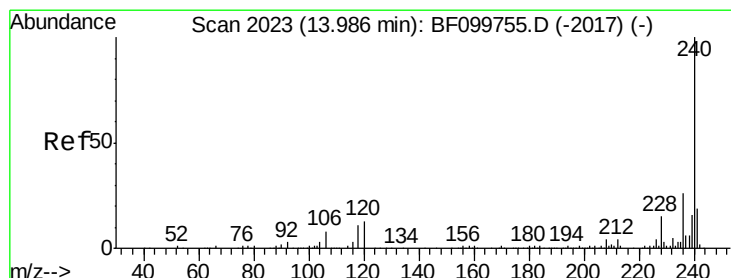
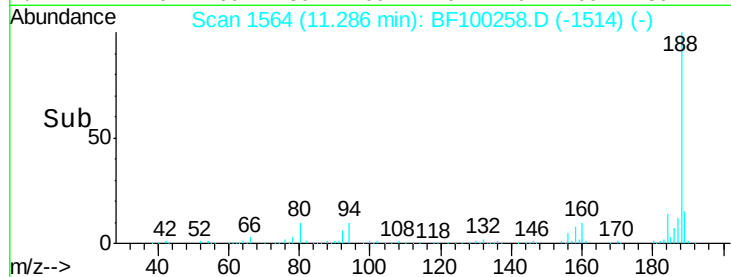
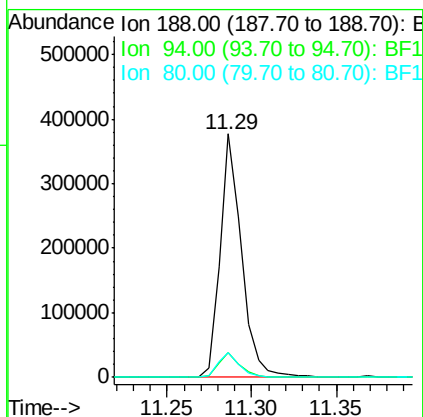
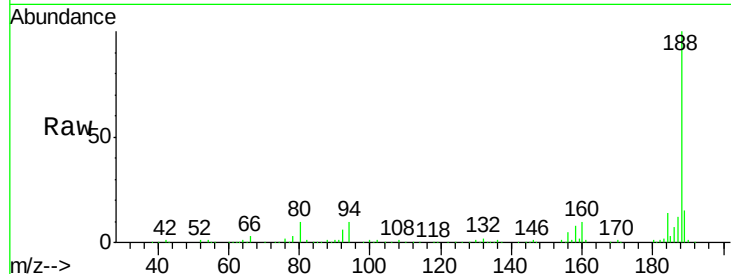




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

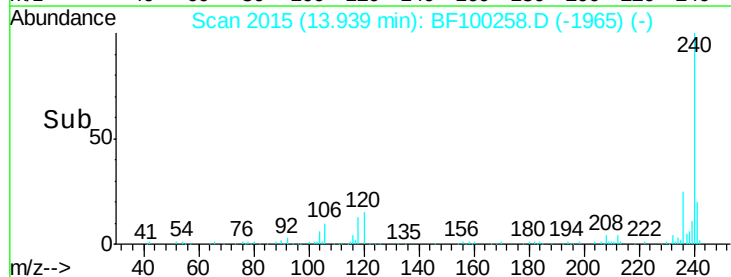
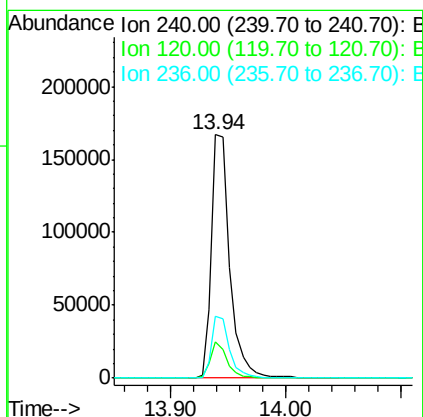
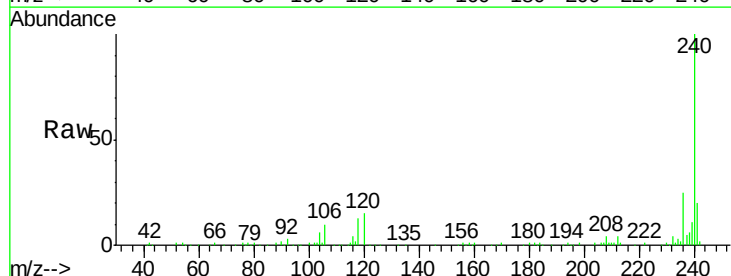
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BNA_F
ClientSampleId :
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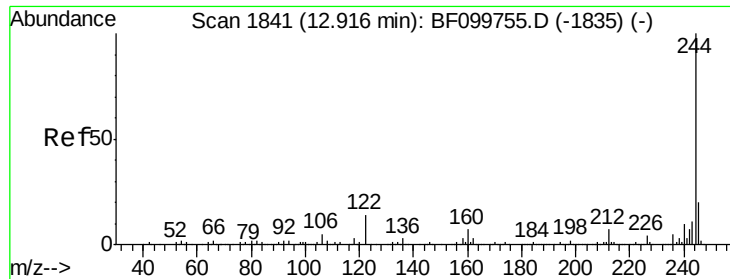
Tgt Ion:188 Resp: 334466
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Tgt Ion:240 Resp: 184135
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 101.783 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100258.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_F

ClientSampleId :

278

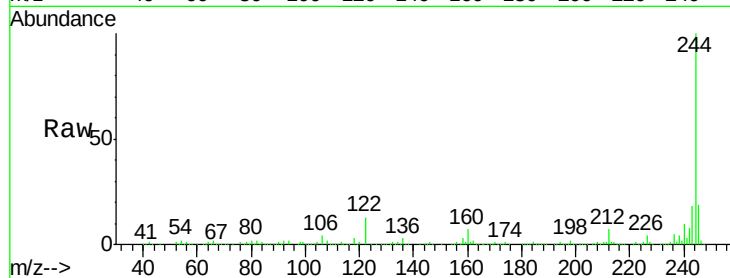
Tgt Ion:244 Resp: 857605

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

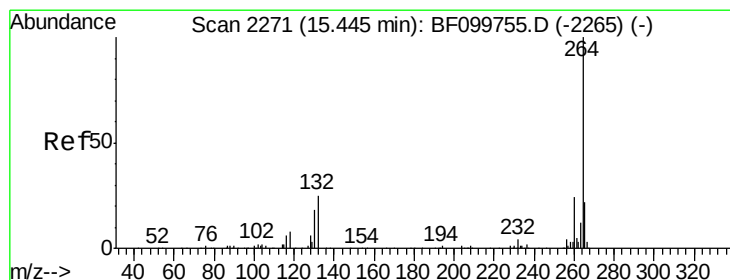
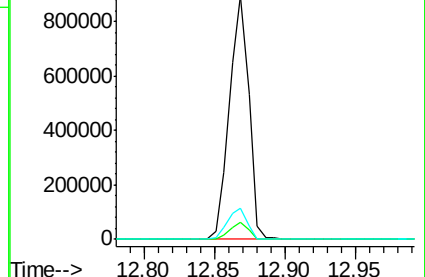
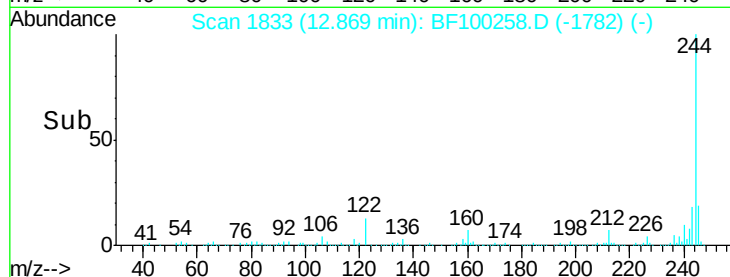
122 13.0 11.0 16.4



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: 15.40 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BF100258.D

Acq: 6 Nov 2017 18:39

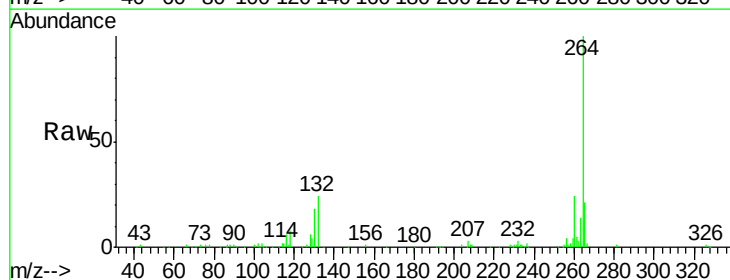
Tgt Ion:264 Resp: 154142

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.8 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

