

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100572.D
 Acq On : 15 Nov 2017 6:34
 Operator : SJ/JU
 Sample : I6441-24
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7A-7B

Quant Time: Nov 15 07:31:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

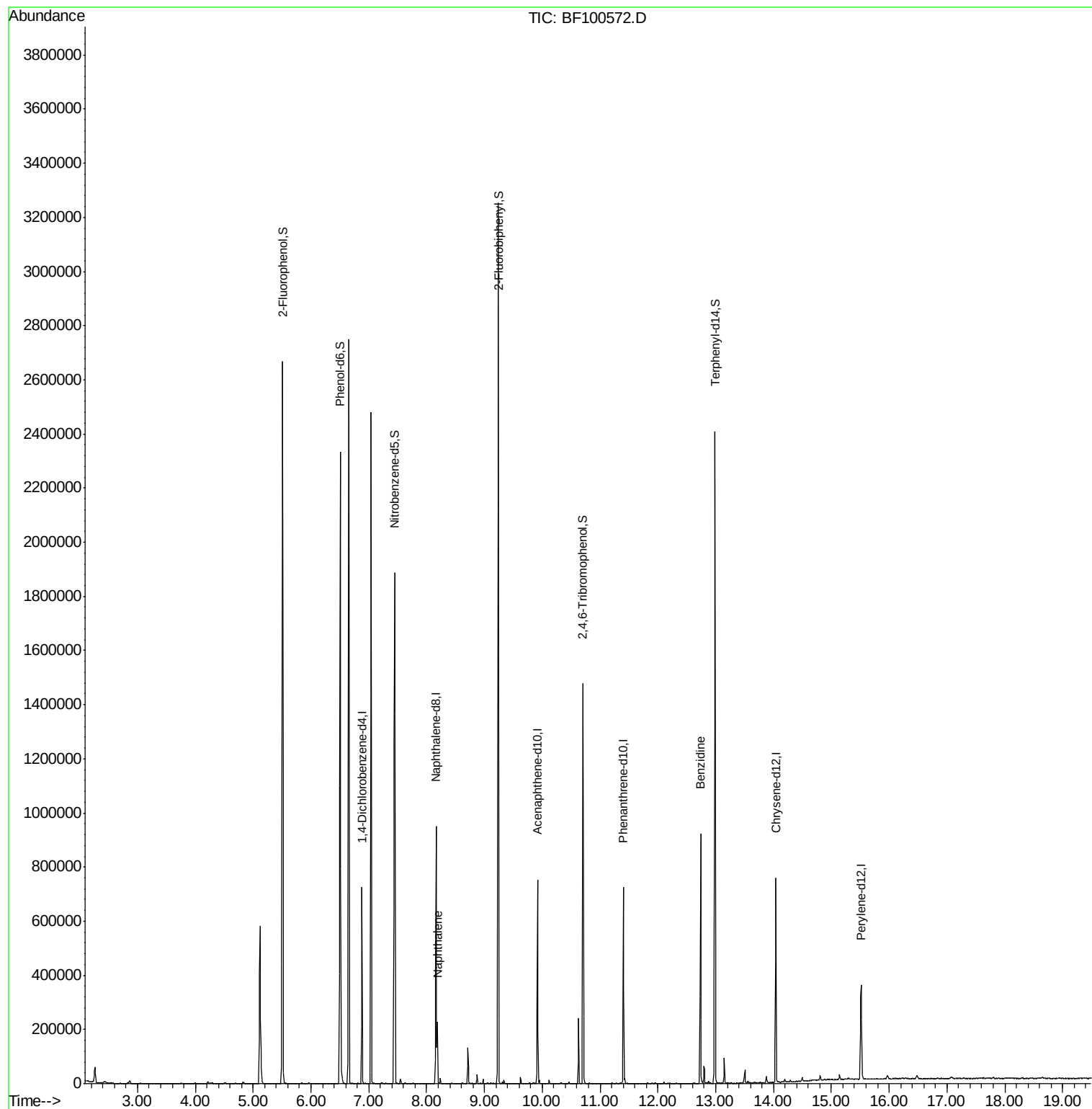
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	111310	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	403682	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	150515	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	241730	20.00	ng	0.00
75) Chrysene-d12	14.04	240	246588	20.00	ng	-0.01
86) Perylene-d12	15.52	264	164003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	789641	113.72	ng	0.01
7) Phenol-d6	6.51	99	827389	96.63	ng	0.00
23) Nitrobenzene-d5	7.45	82	658799	107.90	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	191043	124.56	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1092457	110.52	ng	0.00
78) Terphenyl-d14	12.99	244	886515	82.61	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	89895	4.623	ng	98
76) Benzidine	12.74	184	376418	38.117	ng	97

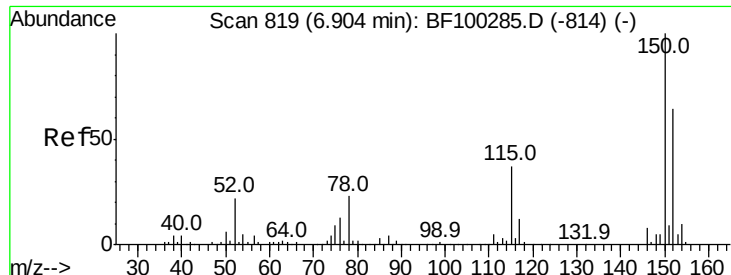
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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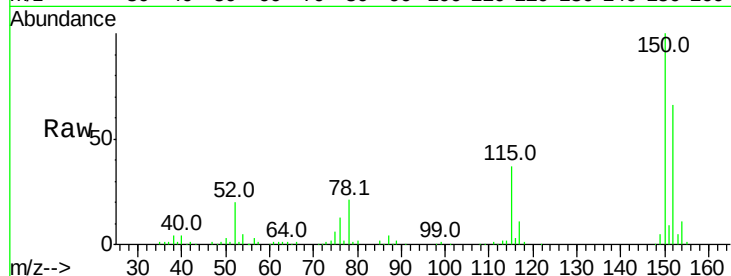


#1

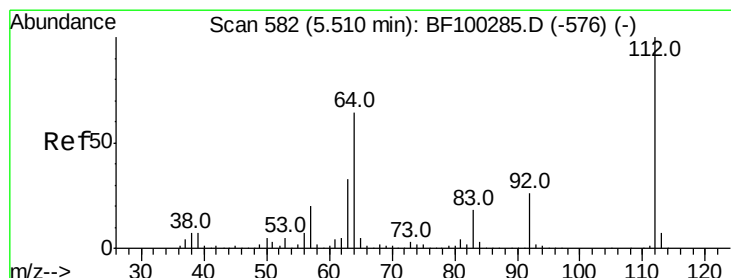
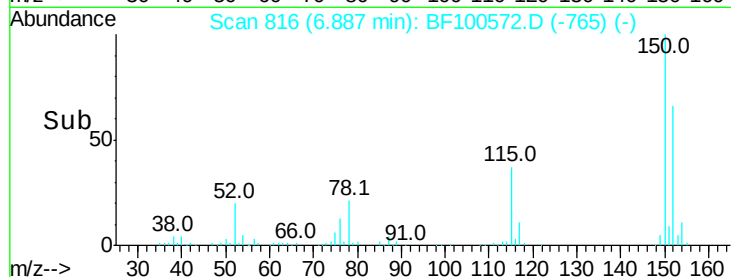
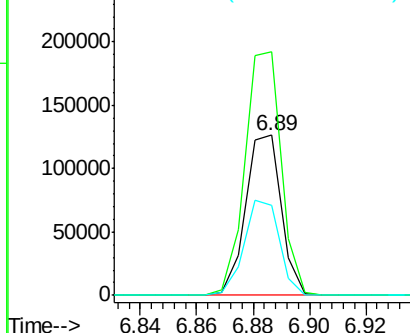
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100572.D
Acq: 15 Nov 2017 6:34

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tot Ion:152 Resp: 111310
Ion Ratio Lower Upper
152 100
150 152.1 124.6 186.8
115 56.5 50.1 75.1



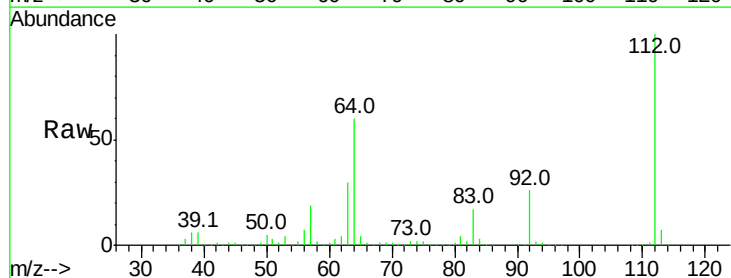
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



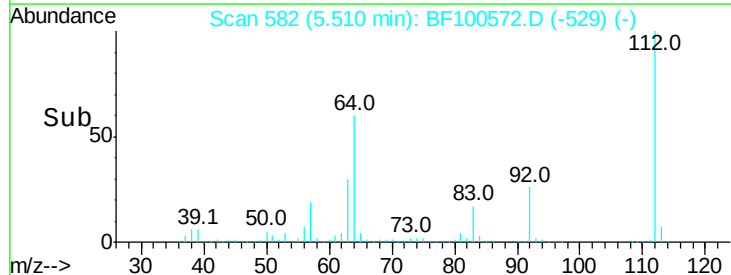
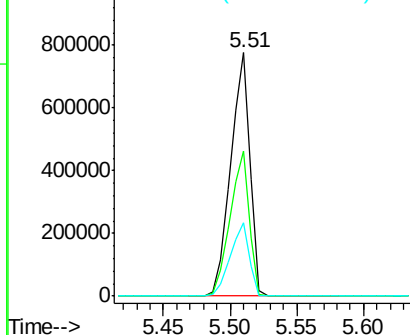
#5

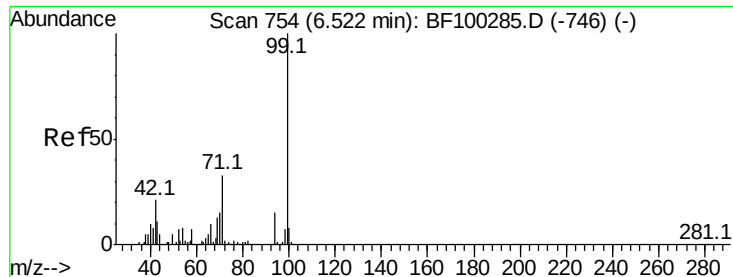
2-Fluorophenol
Concen: 113.717 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100572.D
Acq: 15 Nov 2017 6:34

Tgt Ion:112 Resp: 789641
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 30.2 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: 96.626 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100572.D

Acq: 15 Nov 2017 6:34

Instrument :

BNA_F

ClientSampleId :

TP-7A-7B

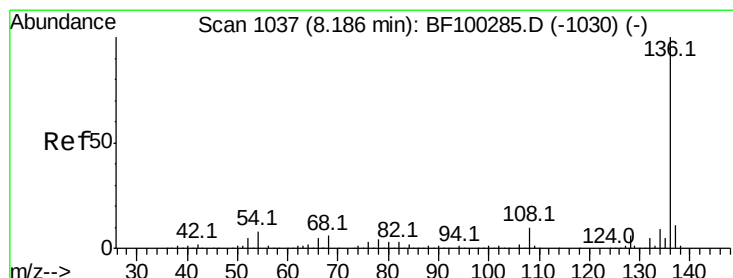
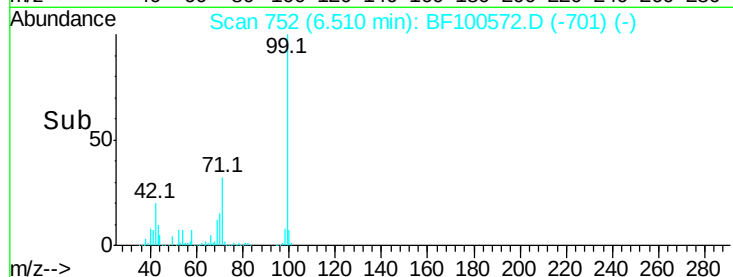
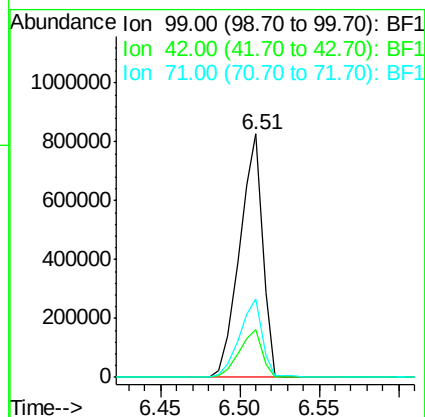
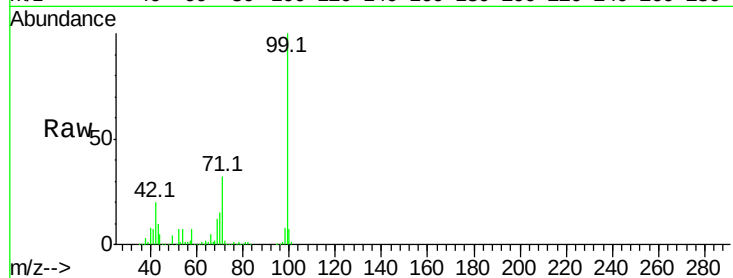
Tot Ion: 99 Resp: 827389

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 32.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100572.D

Acq: 15 Nov 2017 6:34

Tgt Ion: 136 Resp: 403682

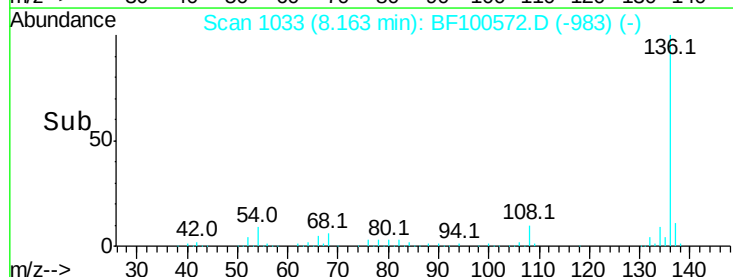
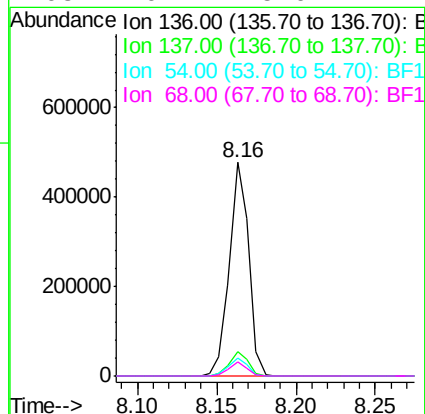
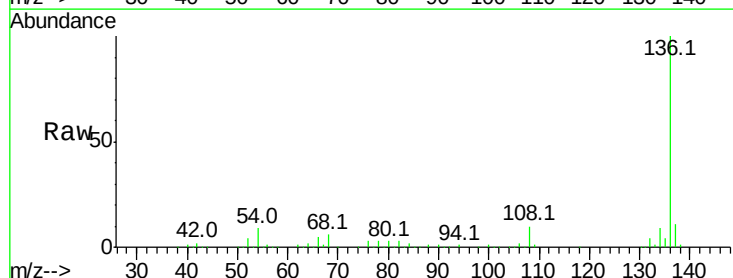
Ion Ratio Lower Upper

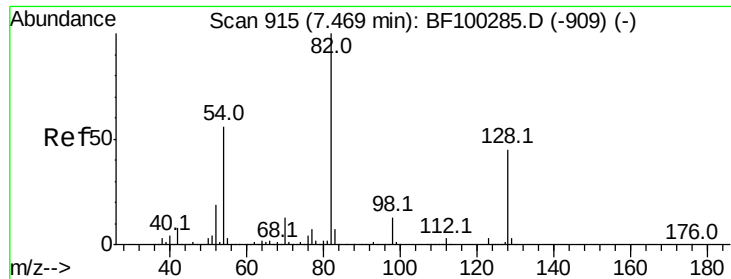
136 100

137 11.3 8.9 13.3

54 8.7 6.6 9.8

68 6.4 5.0 7.4

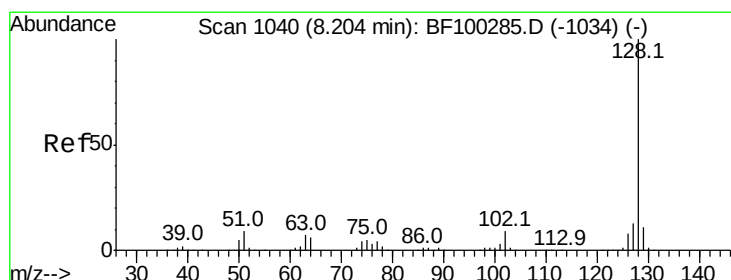
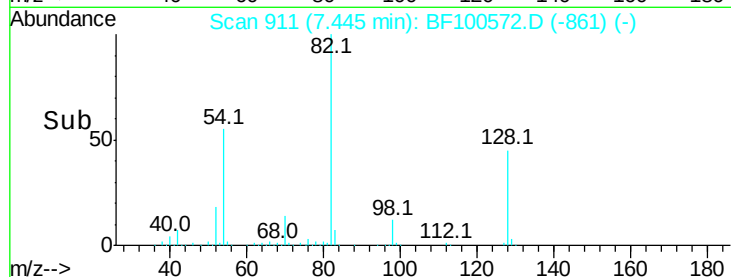
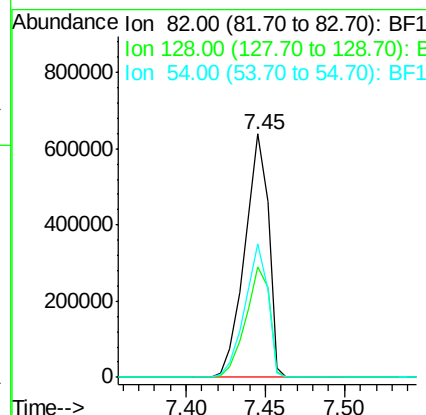
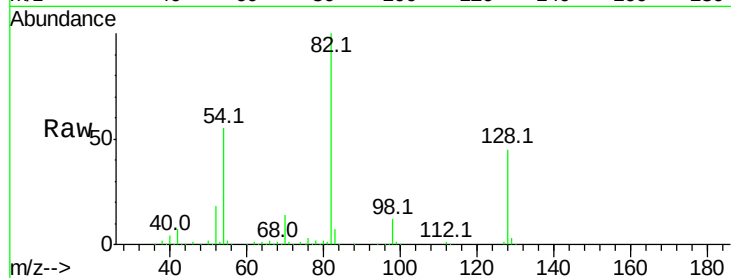




#23
 Nitrobenzene-d5
 Concen: 107.895 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100572.D
 Acq: 15 Nov 2017 6:34

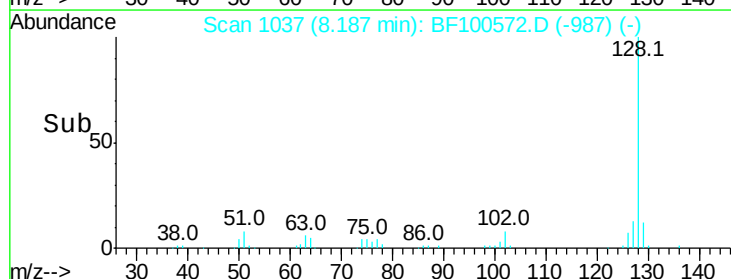
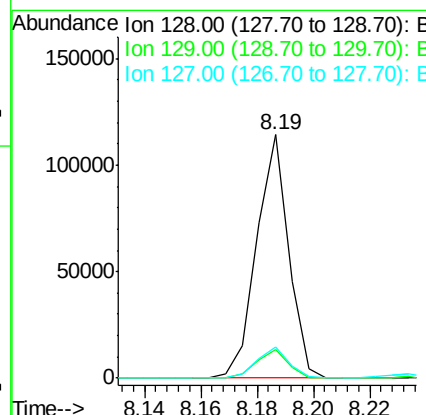
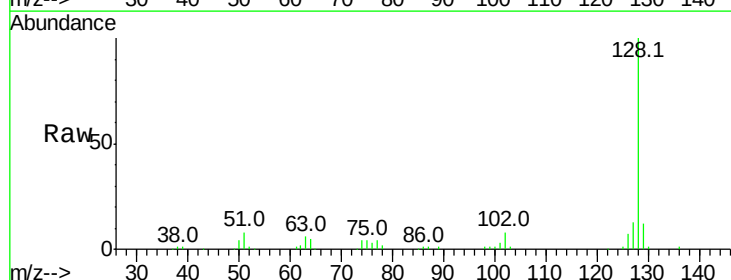
Instrument :
 BNA_F
 ClientSampleId :
 TP-7A-7B

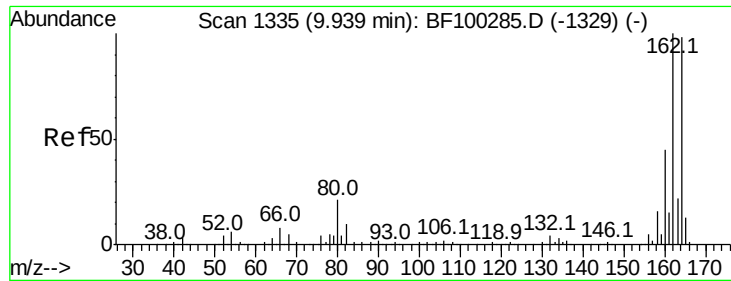
Tot Ion	82	Resp	658799
Ion Ratio	100	Lower	Upper
128	45.4	36.1	54.1
54	55.1	41.4	62.2



#31
 Naphthalene
 Concen: 4.623 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF100572.D
 Acq: 15 Nov 2017 6:34

Tgt Ion	128	Resp	89895
Ion Ratio	100	Lower	Upper
129	11.5	8.8	13.2
127	12.6	10.9	16.3

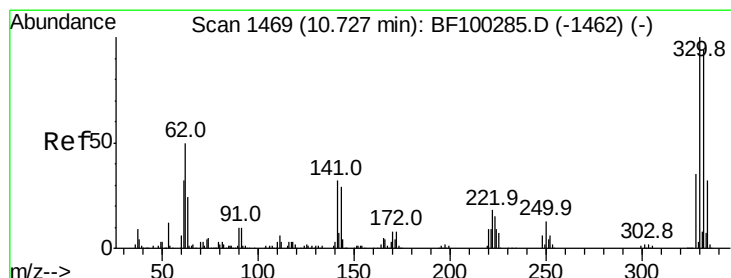
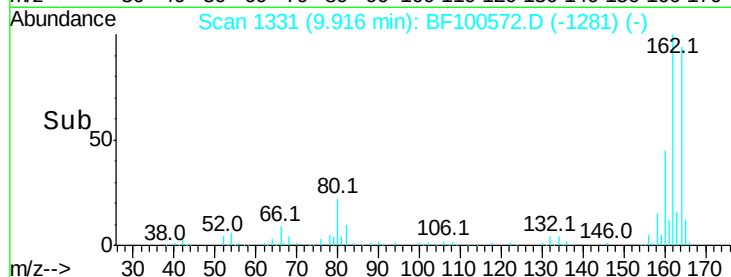
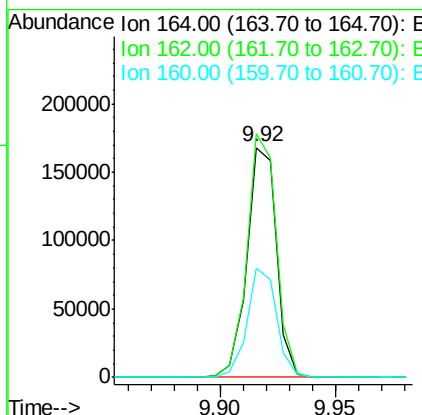
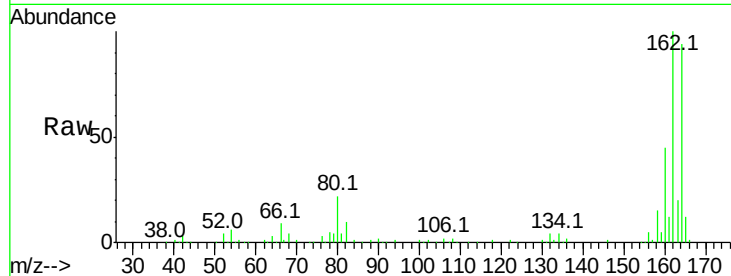




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100572.D
 Acq: 15 Nov 2017 6:34

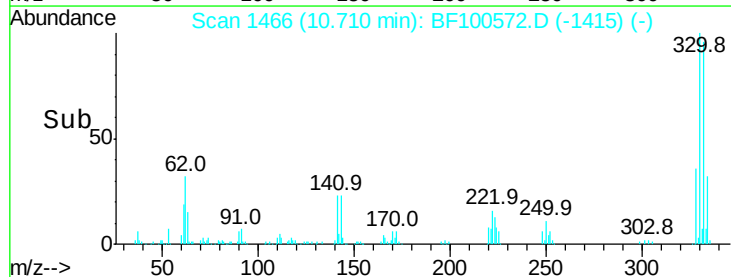
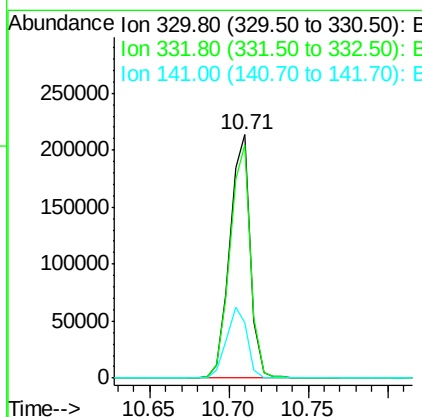
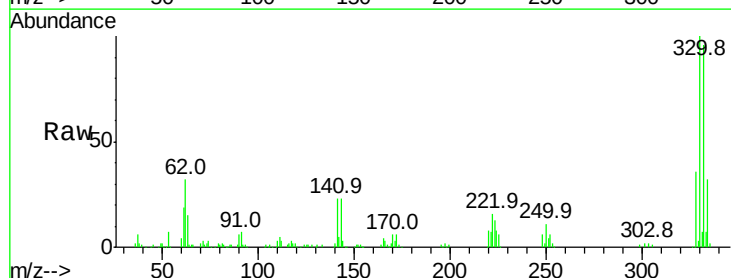
Instrument :
 BNA_F
 ClientSampleId :
 TP-7A-7B

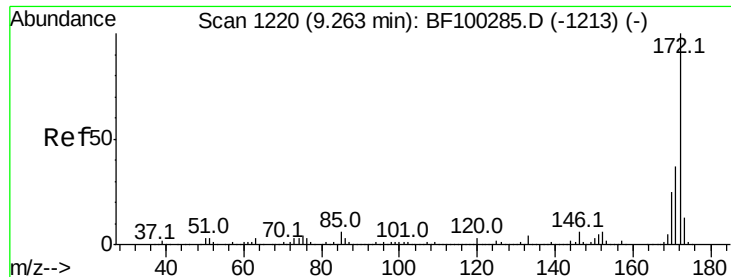
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	47.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 124.560 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100572.D
 Acq: 15 Nov 2017 6:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.3	29.9	44.9#



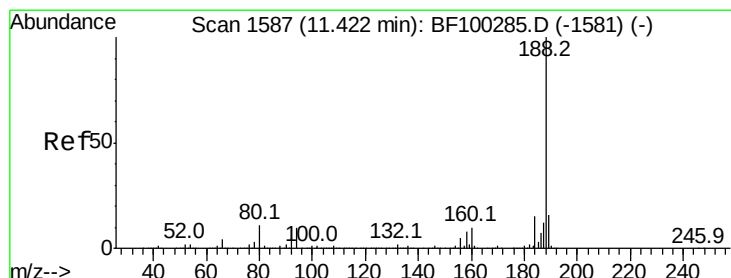
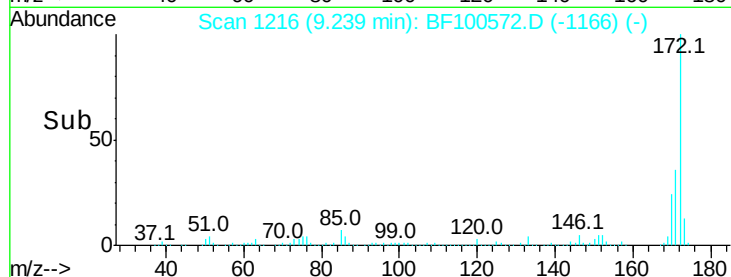
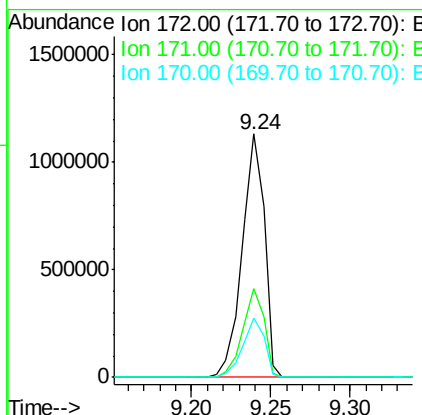
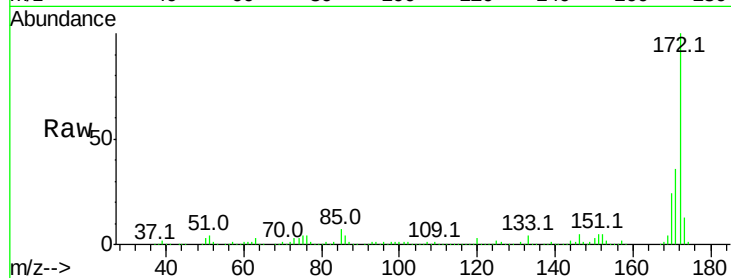


#44
 2-Fluorobiphenyl
 Concen: 110.520 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100572.D
 Acq: 15 Nov 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-7A-7B

Tot Ion:172 Resp: 1092457

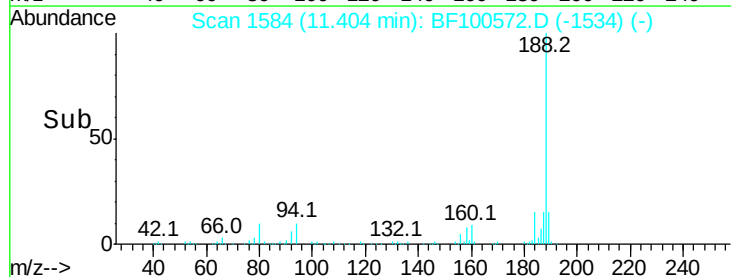
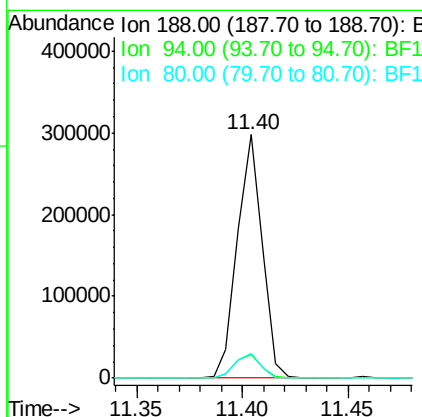
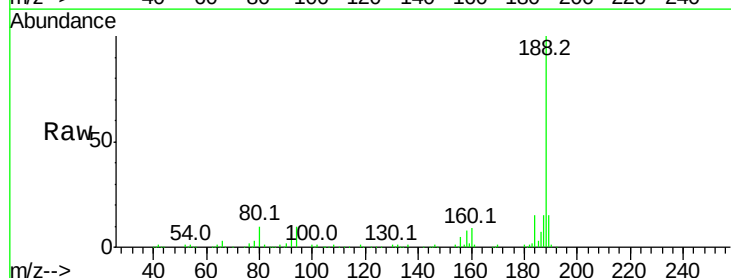
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

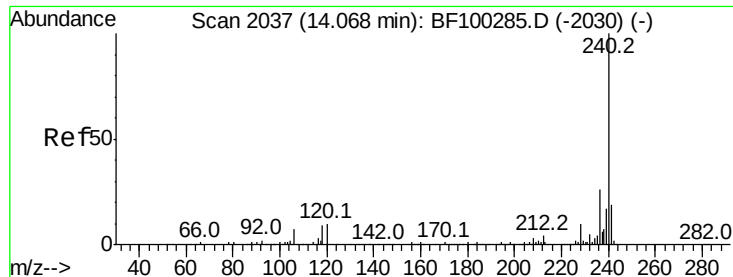


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100572.D
 Acq: 15 Nov 2017 6:34

Tgt Ion:188 Resp: 241730

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.3	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100572.D

Acq: 15 Nov 2017 6:34

Instrument :

BNA_F

ClientSampleId :

TP-7A-7B

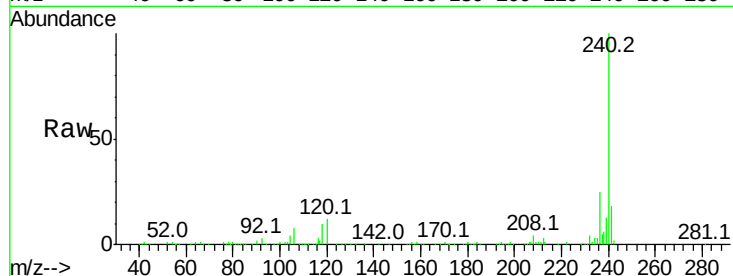
Tot Ion:240 Resp: 246588

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

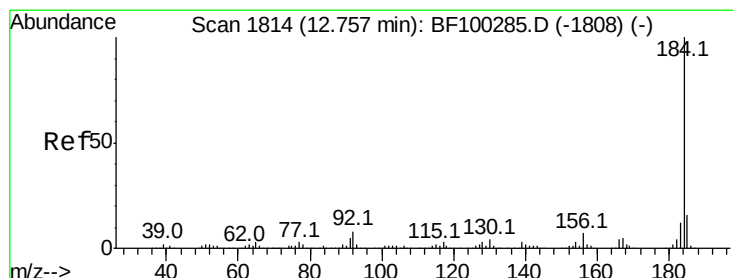
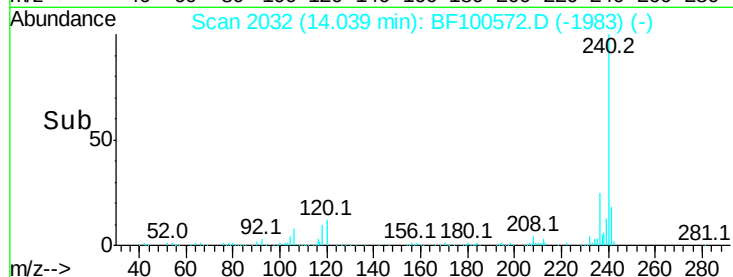
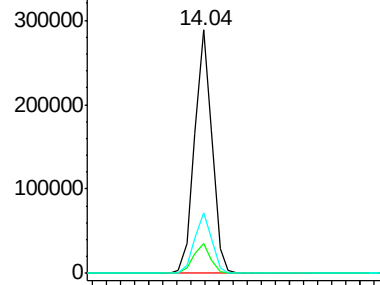
236 25.0 20.7 31.1



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



#76

Benzidine

Concen: 38.117 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF100572.D

Acq: 15 Nov 2017 6:34

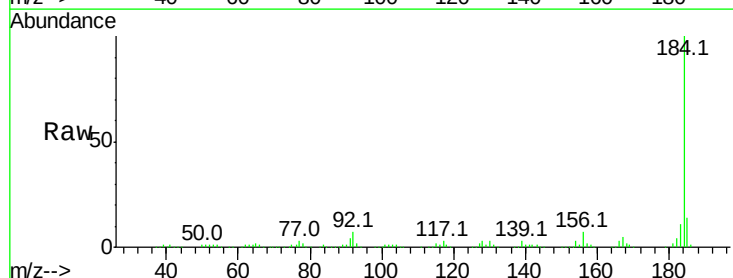
Tgt Ion:184 Resp: 376418

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

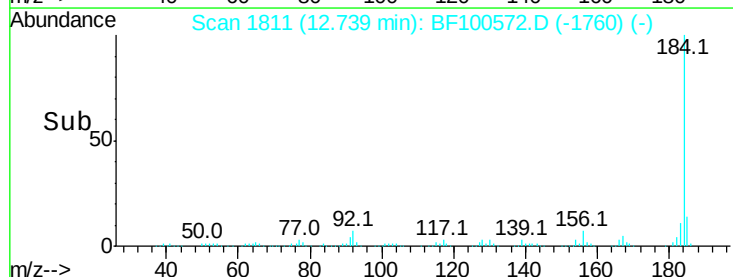
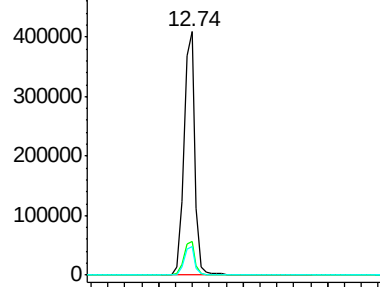
183 11.5 9.3 13.9

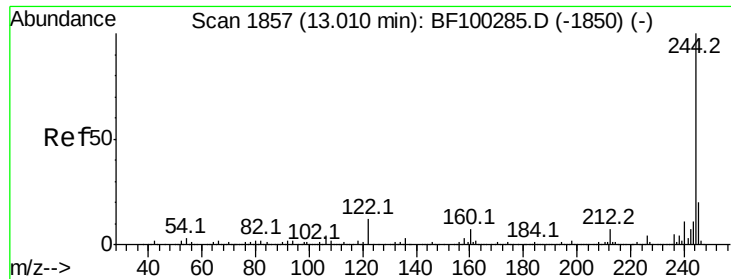


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 82.606 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF100572.D

Acq: 15 Nov 2017 6:34

Instrument :

BNA_F

ClientSampleId :

TP-7A-7B

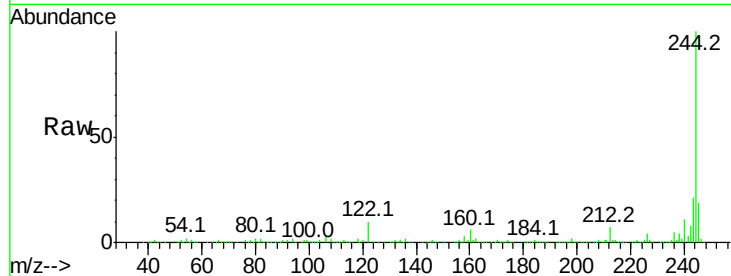
Tot Ion:244 Resp: 886515

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

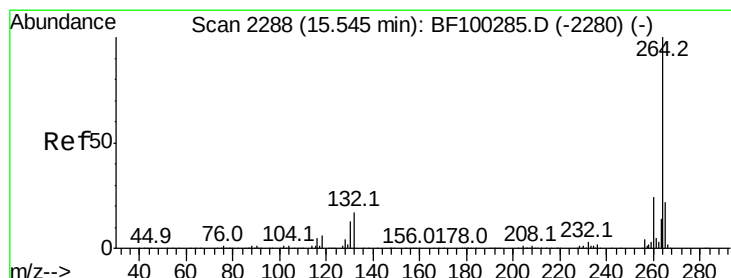
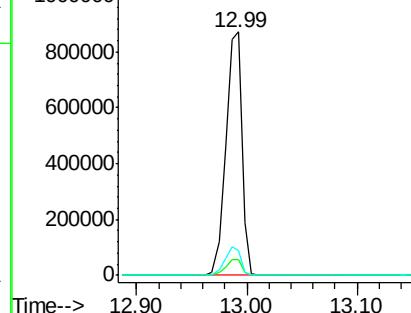
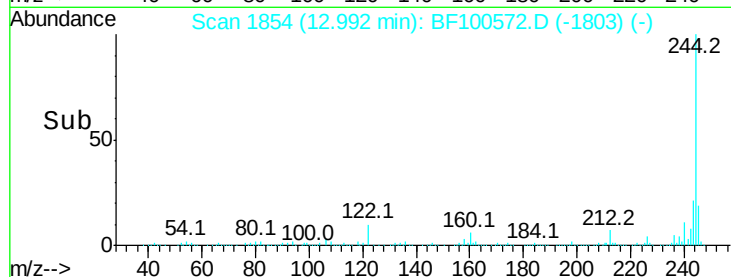
122 9.9 11.0 16.4#



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF100572.D

Acq: 15 Nov 2017 6:34

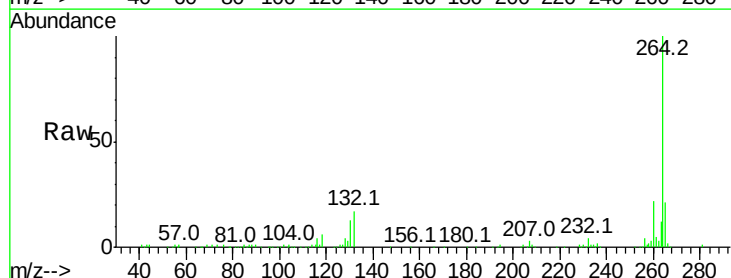
Tgt Ion:264 Resp: 164003

Ion Ratio Lower Upper

264 100

260 21.9 19.2 28.8

265 21.2 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

