

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087555.D
 Acq On : 30 May 2016 17:38
 Operator : UM/SJ
 Sample : H3317-10
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: May 31 01:36:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

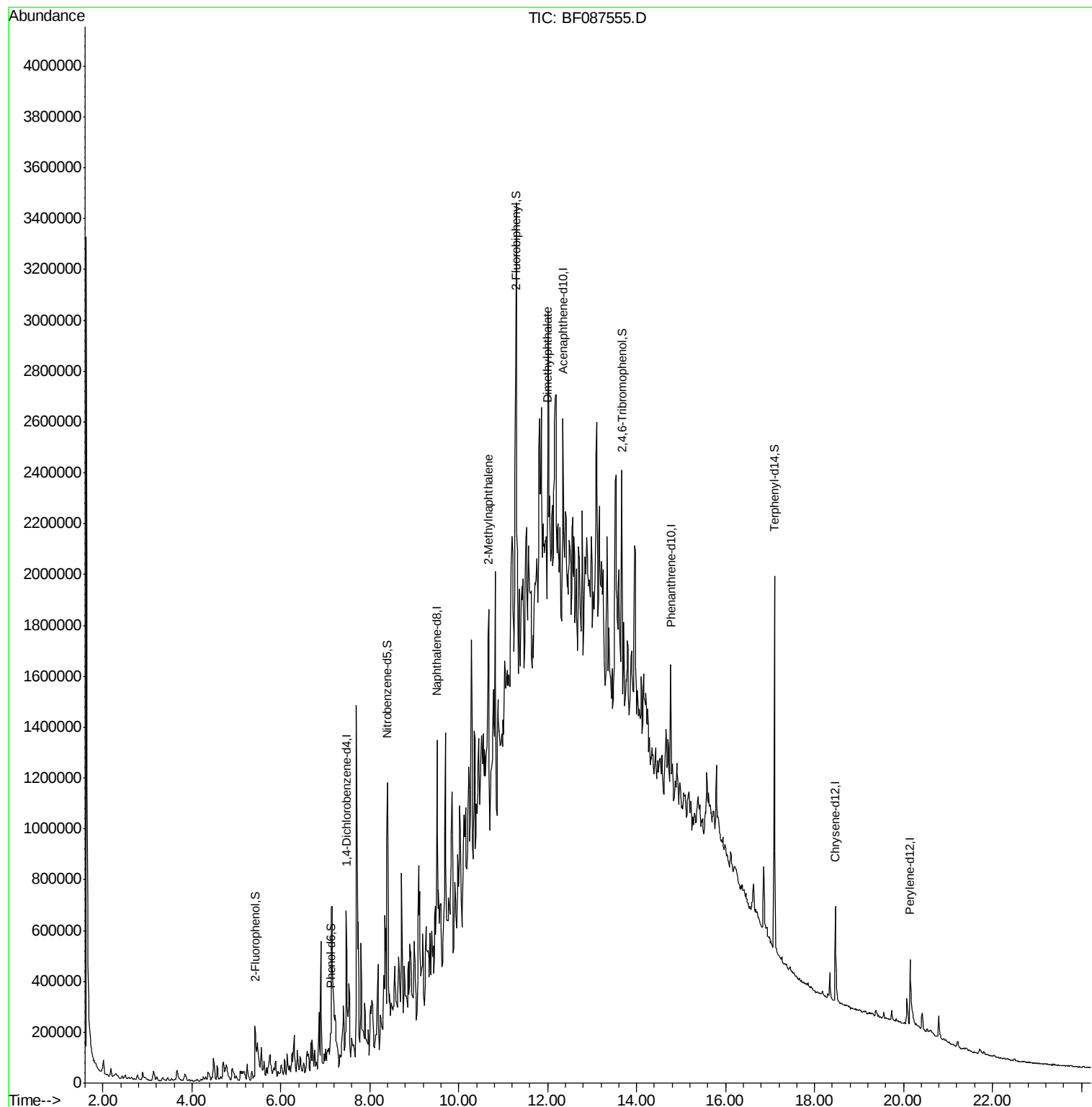
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	101698	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	392991	20.00	ng	0.00
38) Acenaphthene-d10	12.34	164	189016	20.00	ng	0.01
63) Phenanthrene-d10	14.77	188	293816	20.00	ng	0.02
75) Chrysene-d12	18.47	240	221126	20.00	ng	0.02
86) Perylene-d12	20.15	264	206158	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	162075	28.00	ng	0.05
7) Phenol-d6	7.12	99	154813	19.80	ng	0.08
23) Nitrobenzene-d5	8.40	82	497776	63.84	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	124473	68.53	ng	0.03
44) 2-Fluorobiphenyl	11.29	172	756292	56.41	ng	0.00
78) Terphenyl-d14	17.10	244	501832	48.25	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	10.67	142	131332	10.68	ng	# 91
49) Dimethylphthalate	12.00	163	70861	4.68	ng	# 87

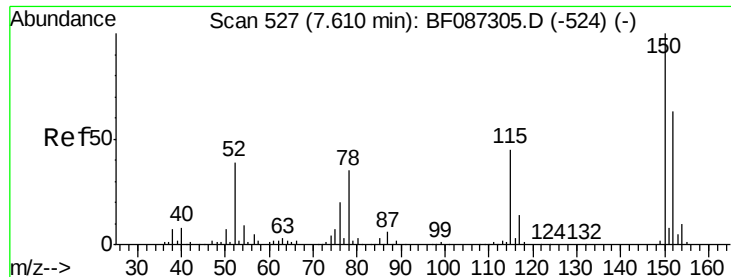
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087555.D

Acq: 30 May 2016 17:38

Instrument :

BNA_F

ClientSampleId :

MW-34

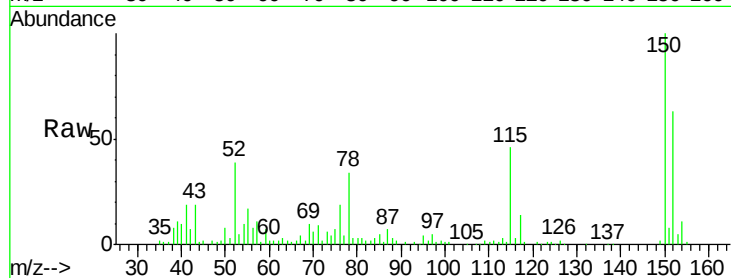
Tot Ion:152 Resp: 101698

Ion Ratio Lower Upper

152 100

150 158.2 125.8 188.6

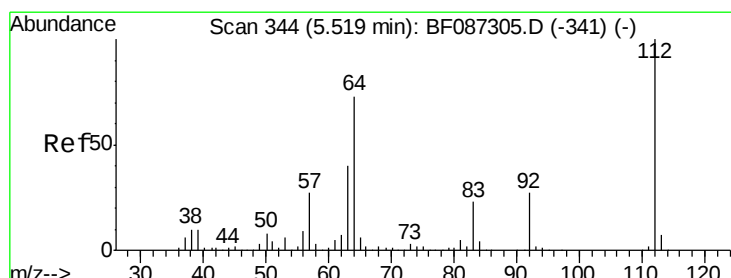
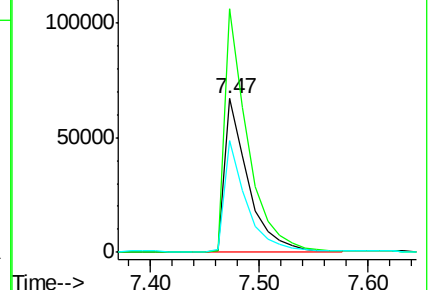
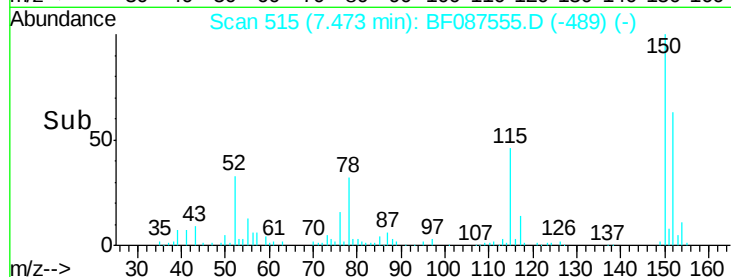
115 72.3 51.5 77.3



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: 28.00 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.05 min

Lab File: BF087555.D

Acq: 30 May 2016 17:38

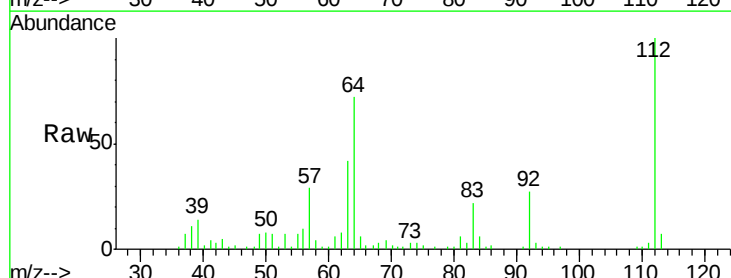
Tgt Ion:112 Resp: 162075

Ion Ratio Lower Upper

112 100

64 72.3 52.1 78.1

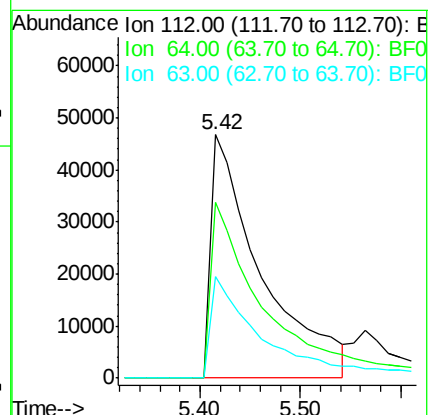
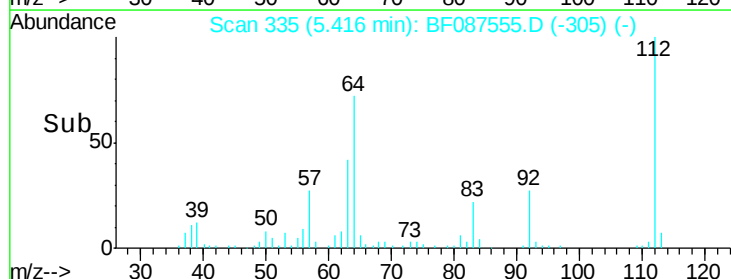
63 41.8 25.7 38.5#

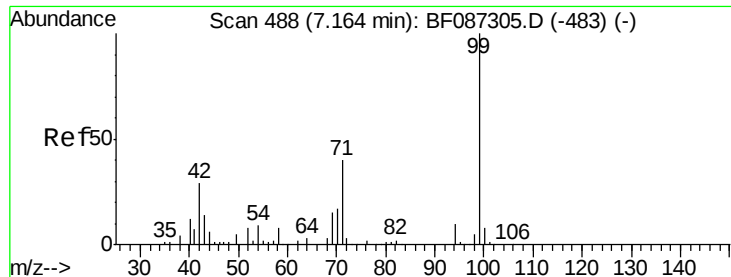


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.80 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.08 min

Lab File: BF087555.D

Acq: 30 May 2016 17:38

Instrument :

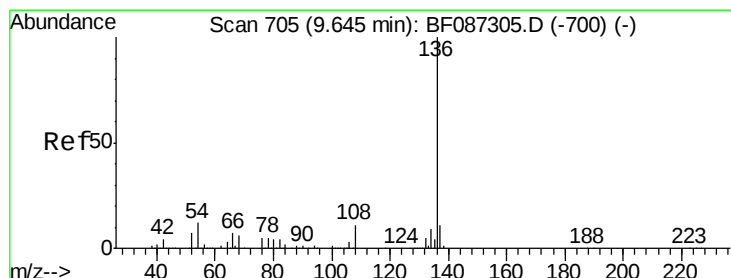
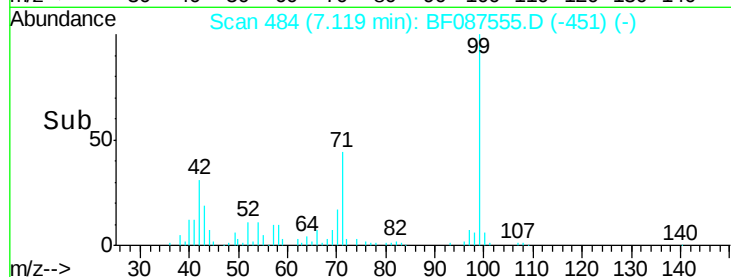
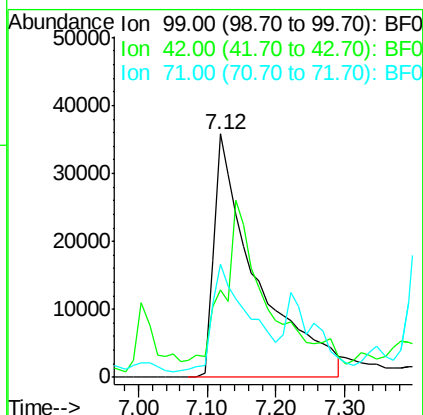
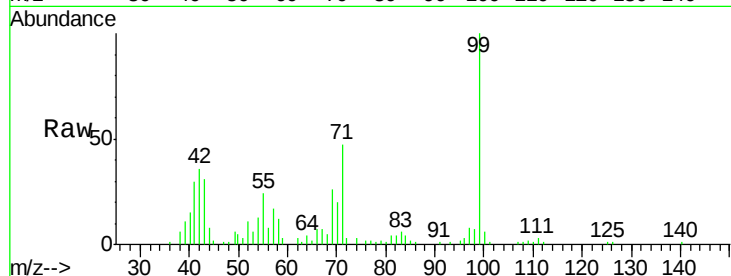
BNA_F

ClientSampleId :

MW-34

Tot Ion: 99 Resp: 154813

Ion	Ratio	Lower	Upper
99	100		
42	36.0	13.6	20.4#
71	46.7	24.6	36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

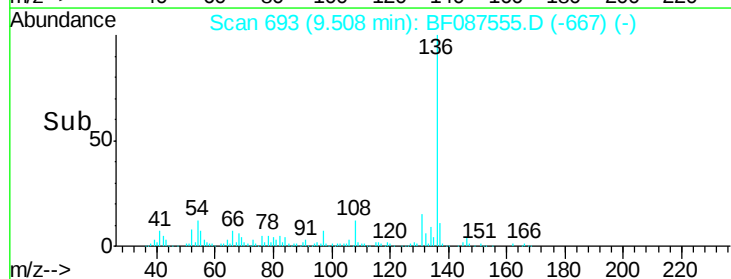
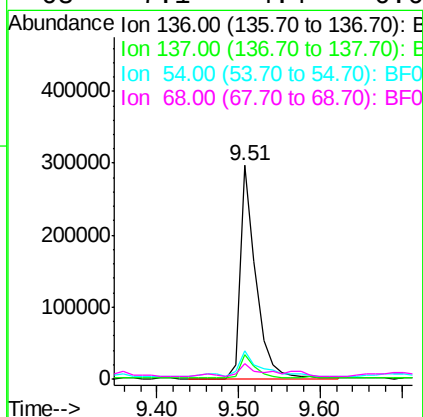
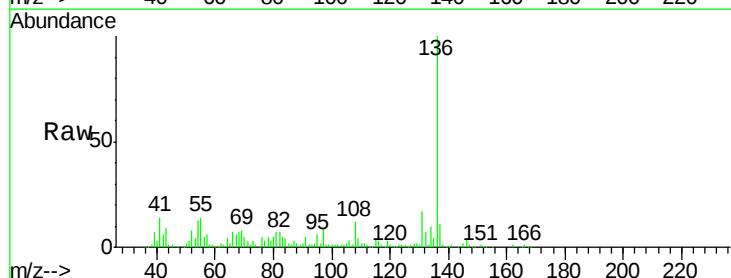
Delta R.T. -0.00 min

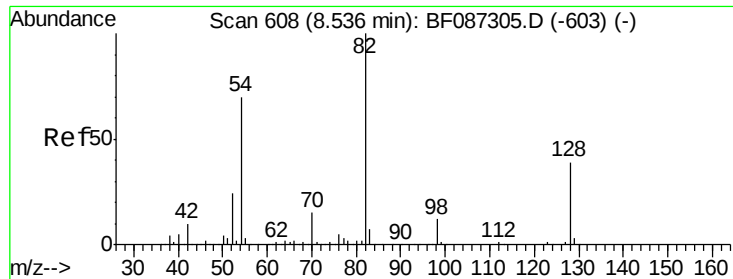
Lab File: BF087555.D

Acq: 30 May 2016 17:38

Tgt Ion: 136 Resp: 392991

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.1	5.0	7.4#
68	7.1	4.4	6.6#

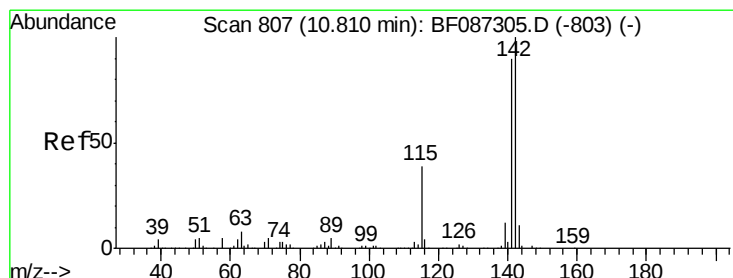
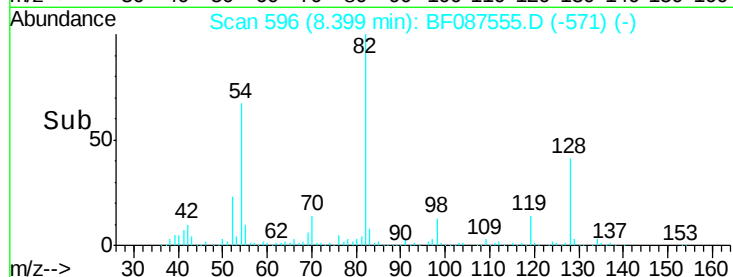
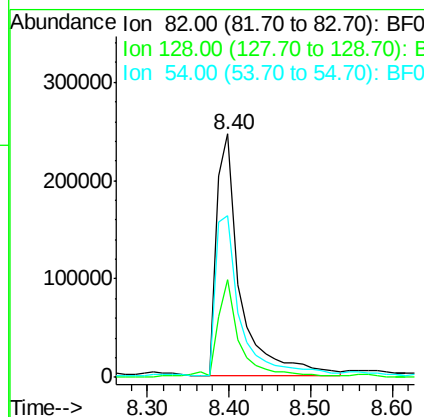
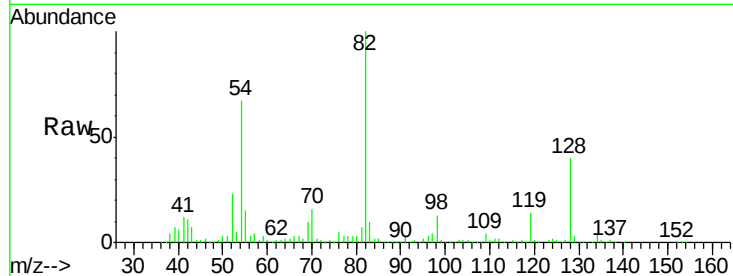




#23
 Nitrobenzene-d5
 Concen: 63.84 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF087555.D
 Acq: 30 May 2016 17:38

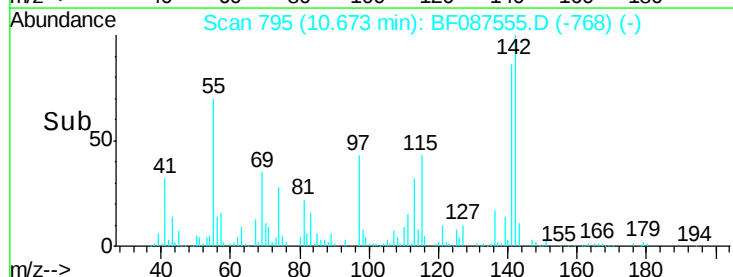
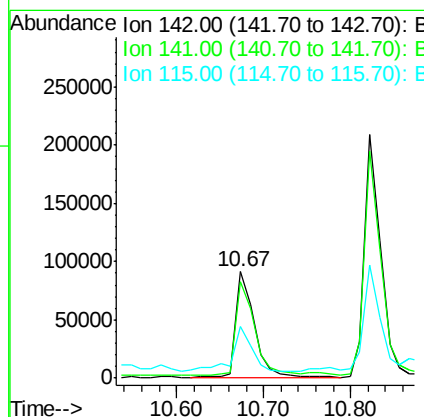
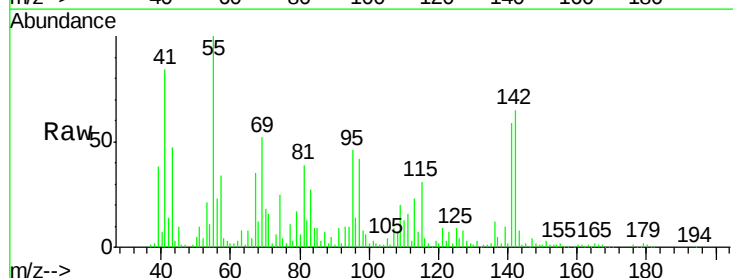
Instrument :
 BNA_F
 ClientSampleId :
 MW-34

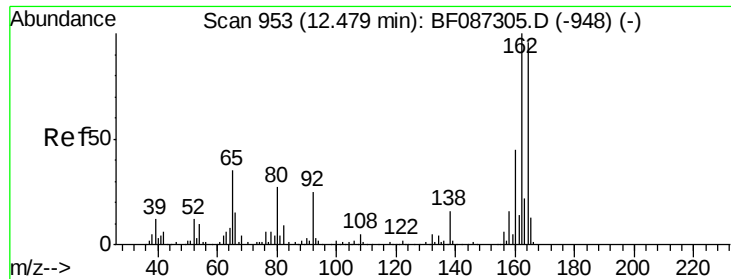
Tot Ion: 82 Resp: 497776
 Ion Ratio Lower Upper
 82 100
 128 40.1 40.6 61.0#
 54 66.5 38.1 57.1#



#37
 2-Methylnaphthalene
 Concen: 10.68 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF087555.D
 Acq: 30 May 2016 17:38

Tgt Ion: 142 Resp: 131332
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.0 106.6
 115 48.3 26.6 39.8#

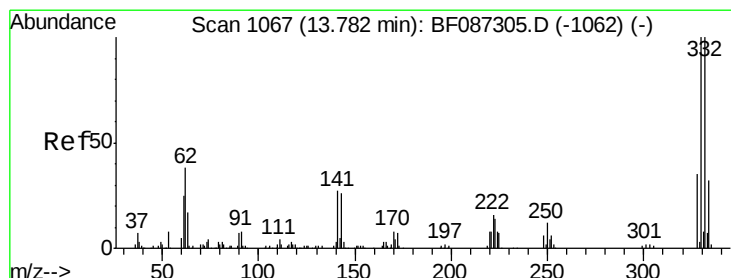
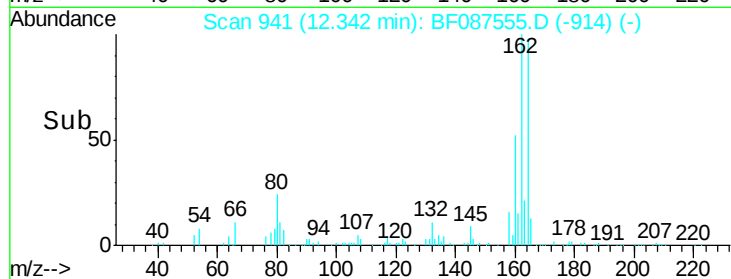
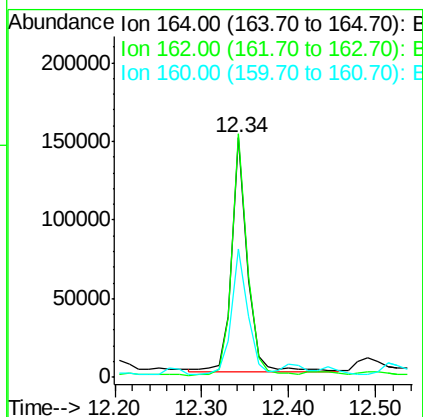
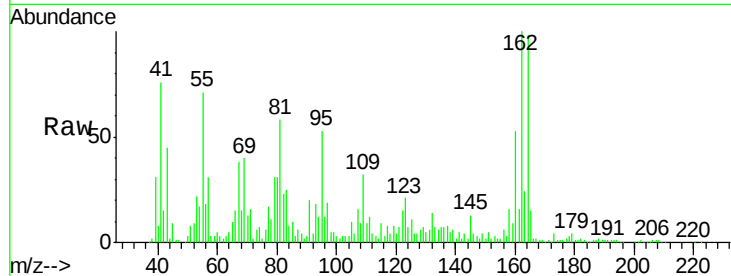




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF087555.D
Acq: 30 May 2016 17:38

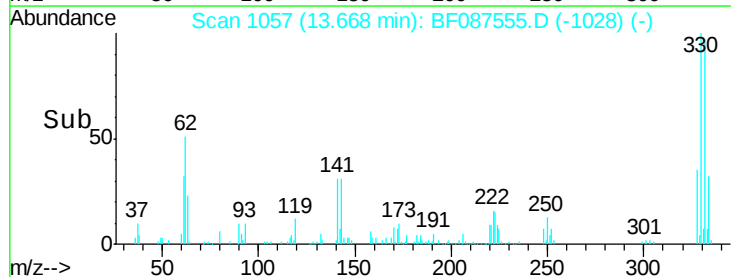
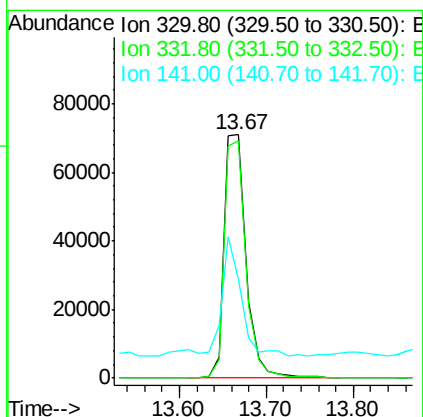
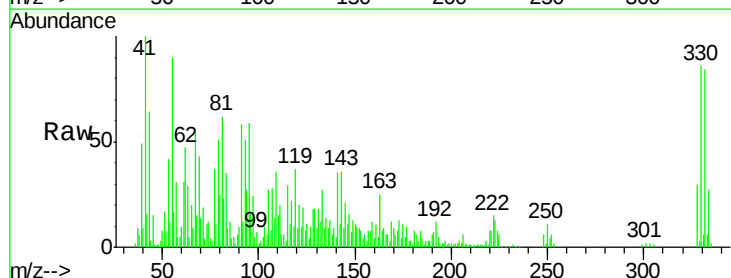
Instrument :
BNA_F
ClientSampleId :
MW-34

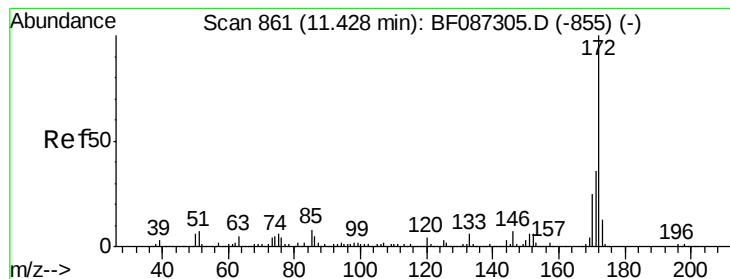
Tot Ion:164 Resp: 189016
Ion Ratio Lower Upper
164 100
162 101.8 82.8 124.2
160 53.9 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 68.53 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.03 min
Lab File: BF087555.D
Acq: 30 May 2016 17:38

Tgt Ion:330 Resp: 124473
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.4
141 42.7 31.2 46.8

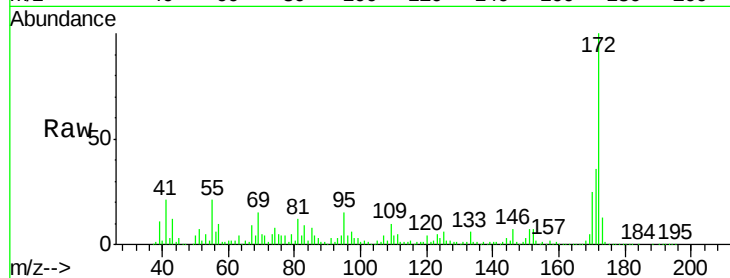




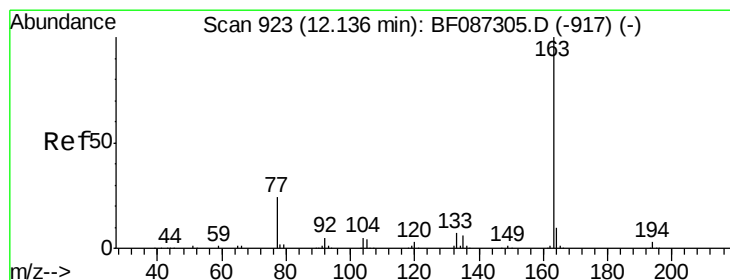
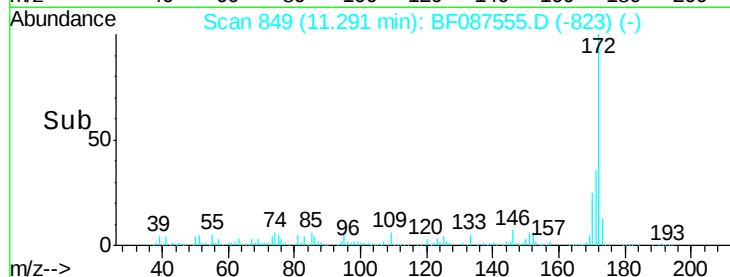
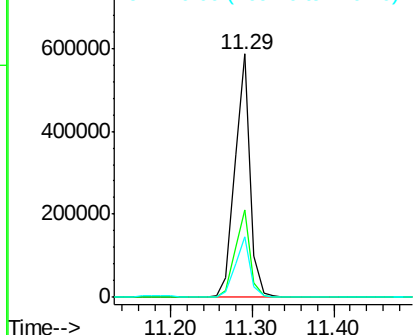
#44
2-Fluorobiphenyl
Concen: 56.41 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF087555.D
Acq: 30 May 2016 17:38

Instrument :
BNA_F
ClientSampleId :
MW-34

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.6	19.8	29.8

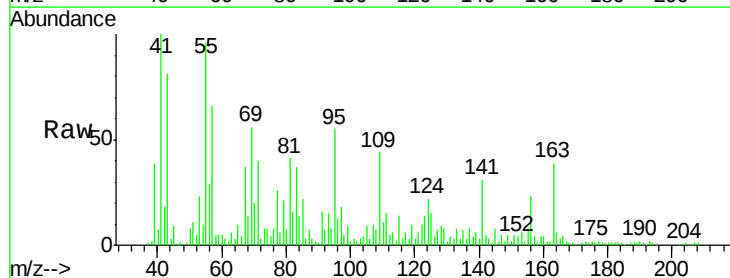


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

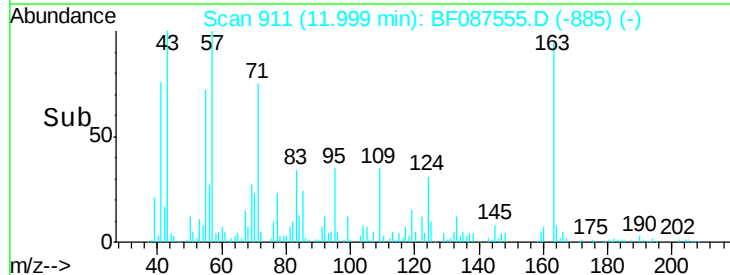
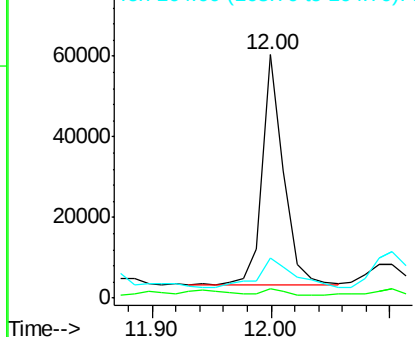


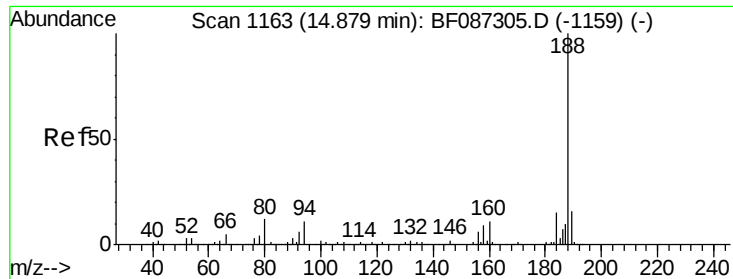
#49
Dimethylphthalate
Concen: 4.68 ng
RT: 12.00 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF087555.D
Acq: 30 May 2016 17:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	16.4	8.2	12.4#



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

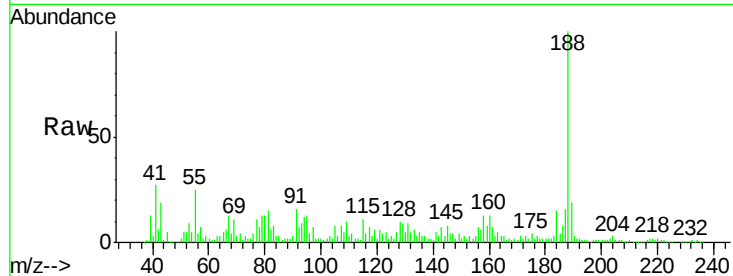




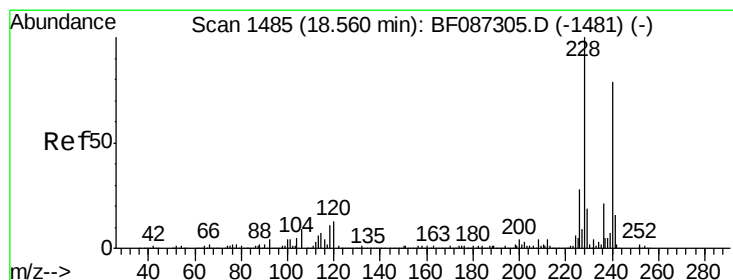
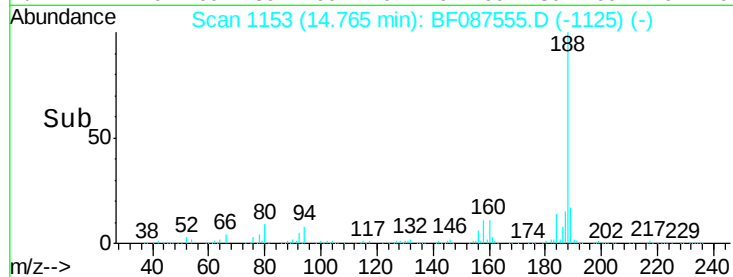
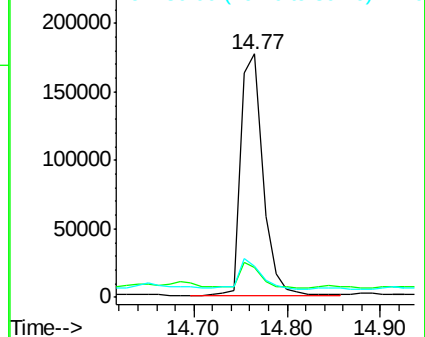
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF087555.D
Acq: 30 May 2016 17:38

Instrument :
BNA_F
ClientSampleId :
MW-34

Tot Ion:188 Resp: 293816
Ion Ratio Lower Upper
188 100
94 12.2 6.8 10.2#
80 12.7 7.1 10.7#

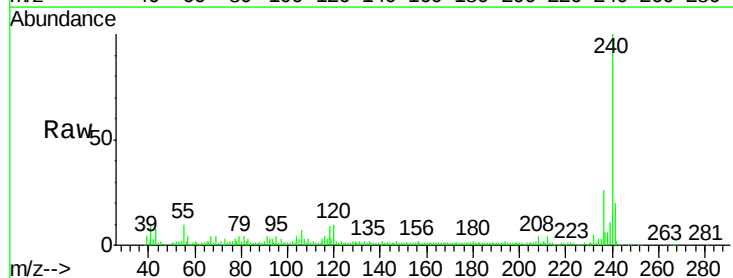


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

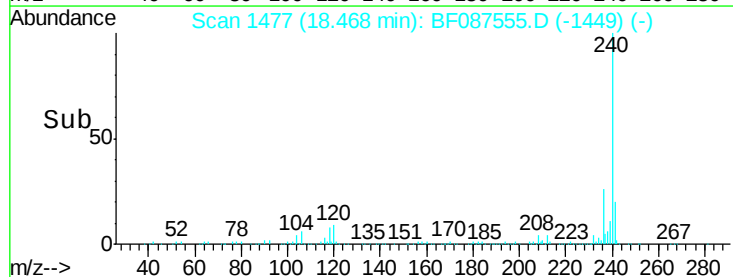
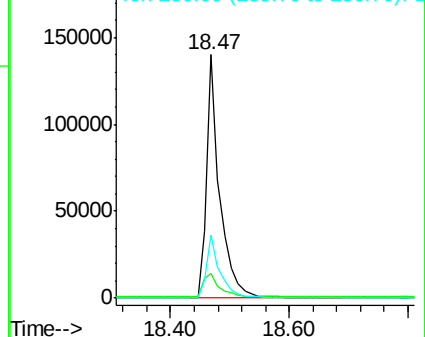


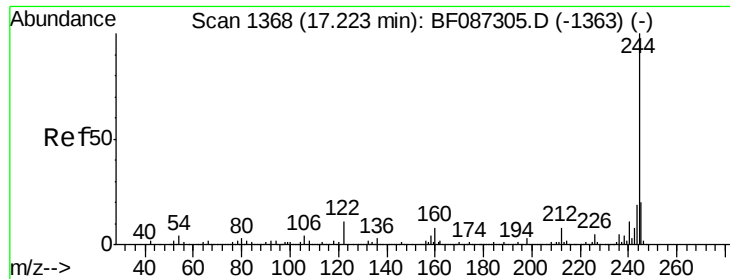
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. 0.02 min
Lab File: BF087555.D
Acq: 30 May 2016 17:38

Tgt Ion:240 Resp: 221126
Ion Ratio Lower Upper
240 100
120 10.0 11.2 16.8#
236 25.7 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: 48.25 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF087555.D

Acq: 30 May 2016 17:38

Instrument :

BNA_F

ClientSampleId :

MW-34

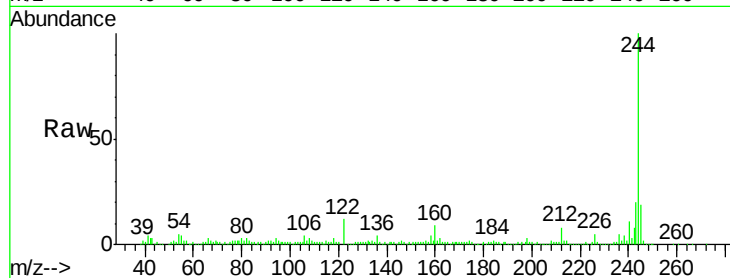
Tot Ion:244 Resp: 501832

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

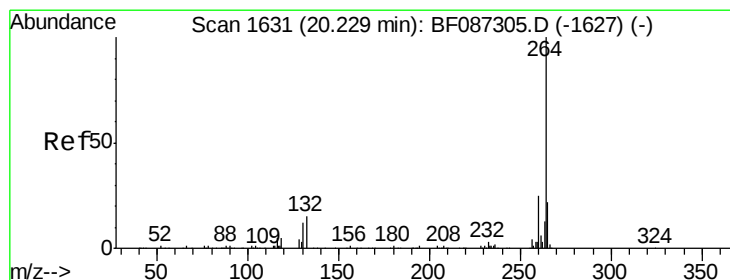
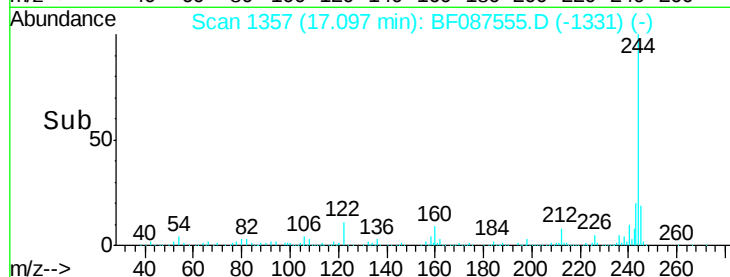
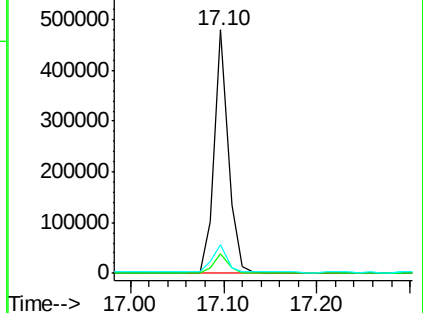
122 11.7 12.0 18.0#



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: 20.00 ng

RT: 20.15 min Scan# 1624

Delta R.T. 0.02 min

Lab File: BF087555.D

Acq: 30 May 2016 17:38

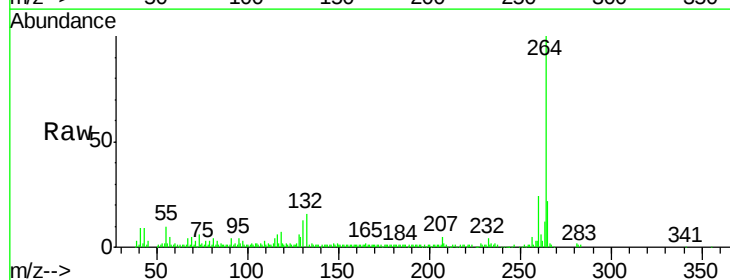
Tgt Ion:264 Resp: 206158

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.0 17.3 25.9



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

