

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083737.D
 Acq On : 13 Dec 2015 18:56
 Operator : UM/IZ
 Sample : G4648-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(27-29)

Quant Time: Dec 14 03:34:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

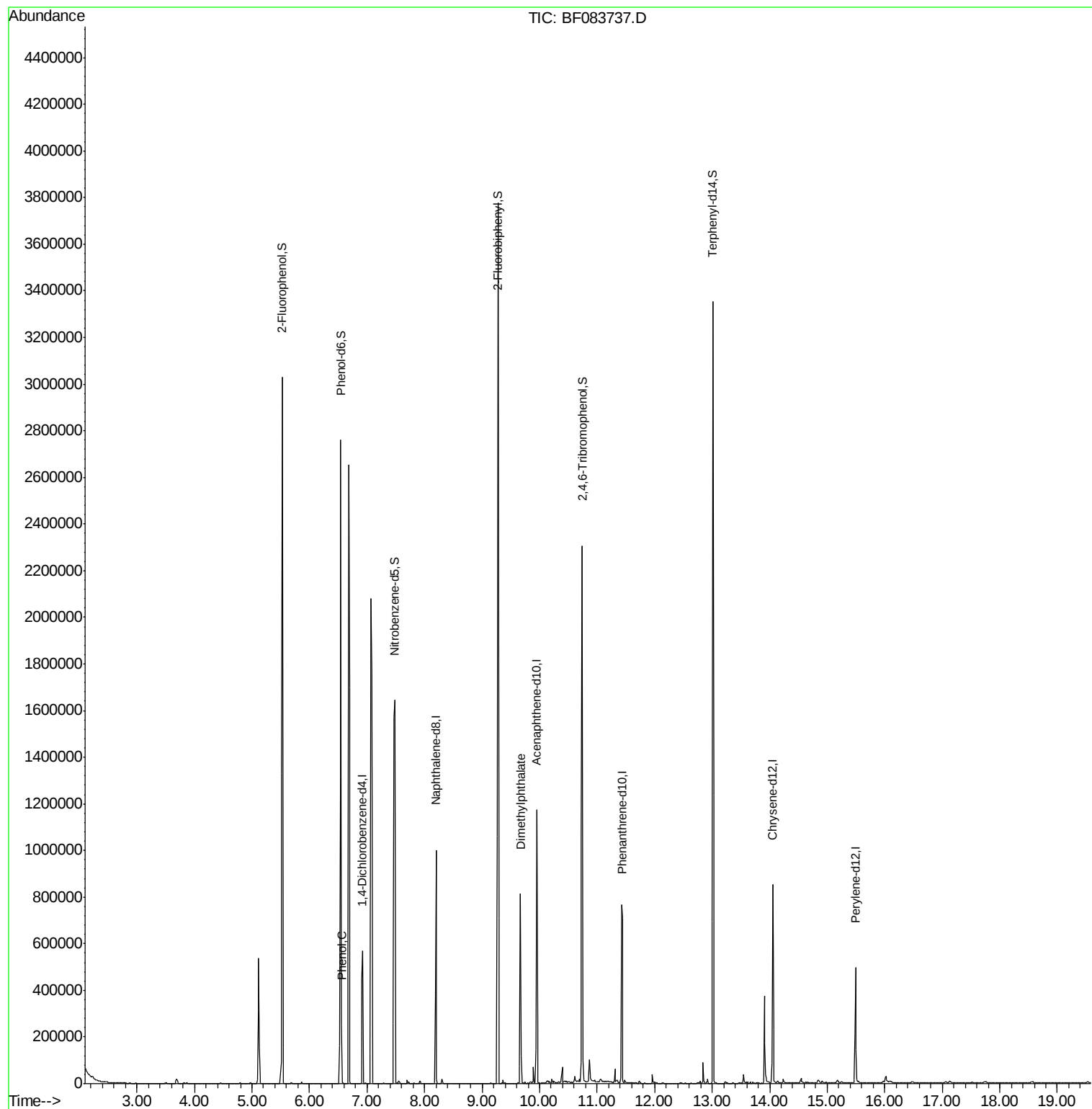
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	121444	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	487295	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	225085	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	404693	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	281886	20.00	ng	-0.02
86) Perylene-d12	15.49	264	223917	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	921850	122.46	ng	0.00
7) Phenol-d6	6.54	99	1126111	118.13	ng	0.00
23) Nitrobenzene-d5	7.48	82	831908	95.51	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	297316	129.63	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1284424	83.00	ng	-0.01
78) Terphenyl-d14	13.01	244	1202278	91.75	ng	-0.01
Target Compounds						
10) Phenol	6.56	94	22468	2.05	ng	78
49) Dimethylphthalate	9.66	163	307883	17.55	ng	99

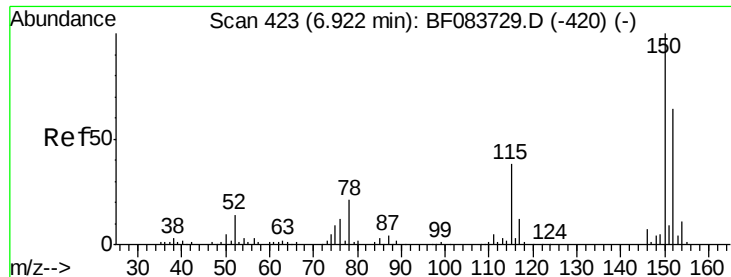
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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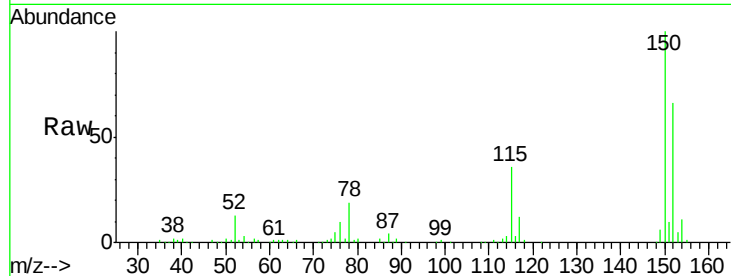


#1

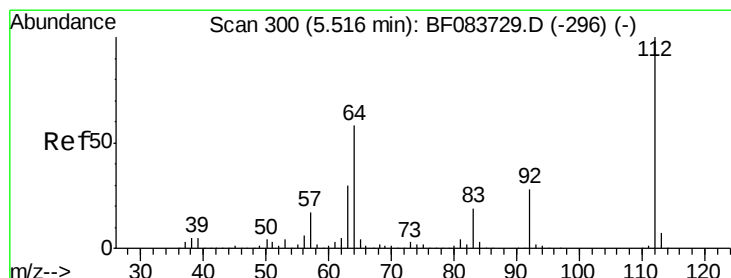
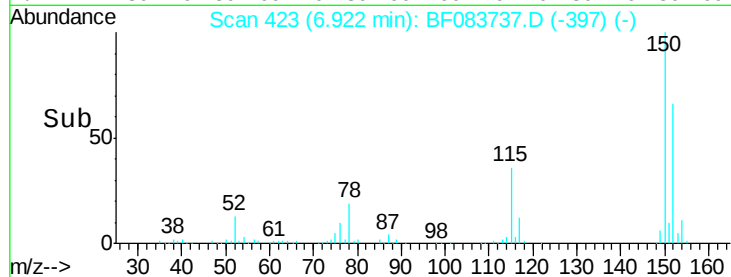
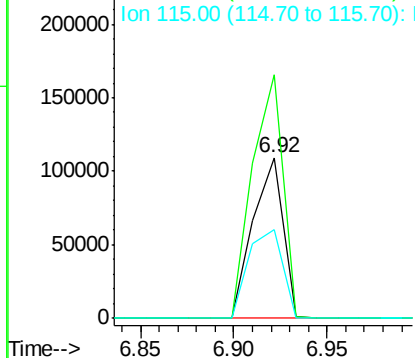
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083737.D
Acq: 13 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB-09(27-29)

Tot Ion:152 Resp: 121444
Ion Ratio Lower Upper
152 100
150 151.7 126.5 189.7
115 55.1 52.3 78.5



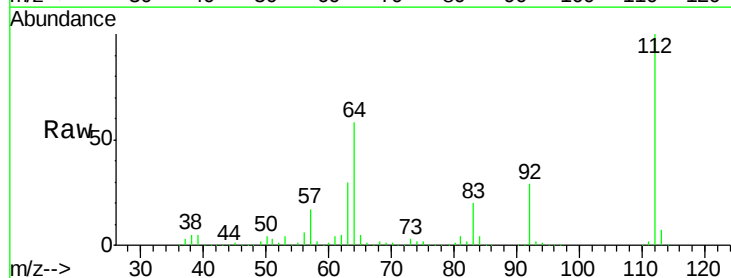
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



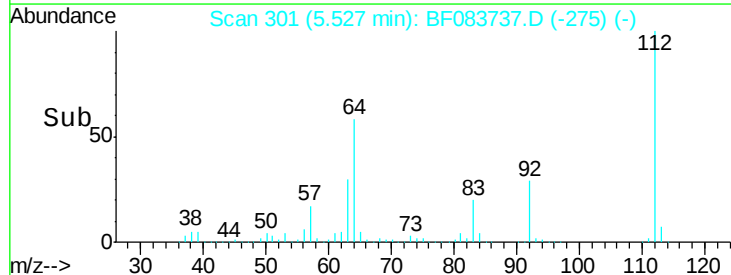
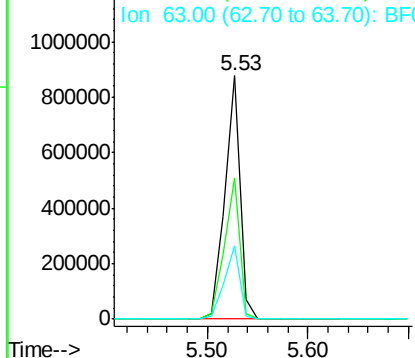
#5

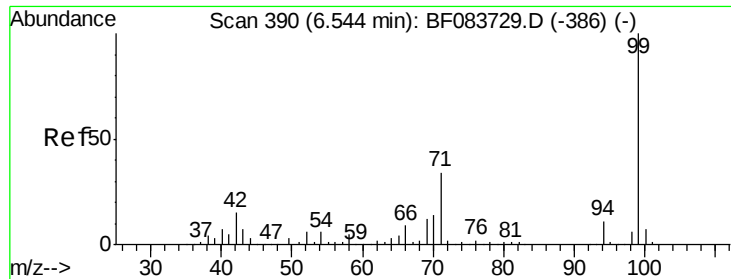
2-Fluorophenol
Concen: 122.46 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083737.D
Acq: 13 Dec 2015 18:56

Tgt Ion:112 Resp: 921850
Ion Ratio Lower Upper
112 100
64 57.9 50.5 75.7
63 30.2 25.8 38.6



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: 118.13 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083737.D

Acq: 13 Dec 2015 18:56

Instrument :

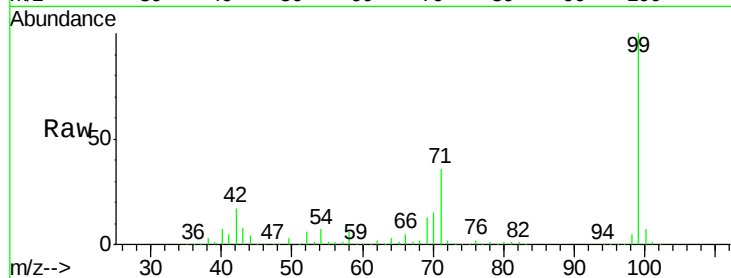
BNA_F

ClientSampleId :

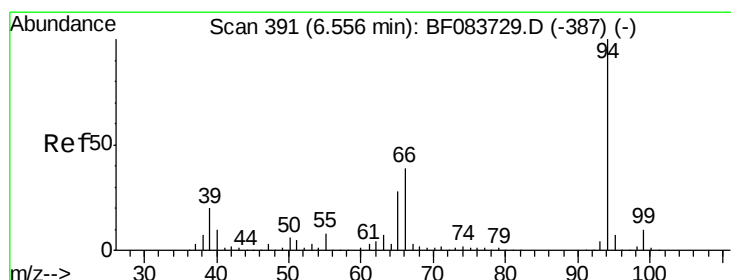
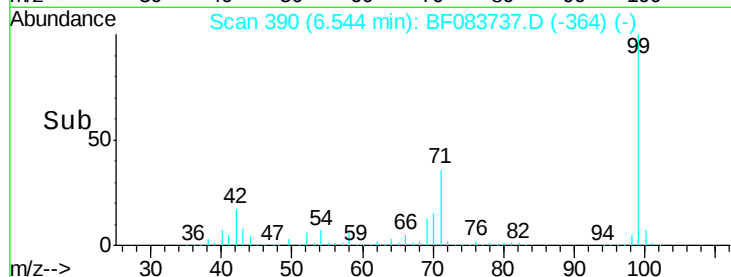
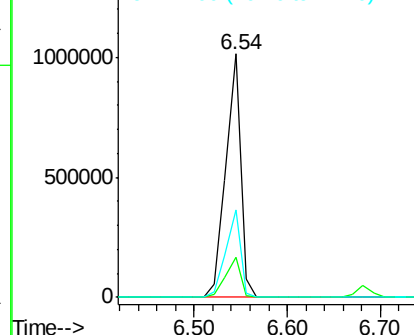
SB-09(27-29)

Tot Ion: 99 Resp: 1126111

Ion	Ratio	Lower	Upper
99	100		
42	16.5	17.3	25.9#
71	36.0	26.6	40.0



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: 2.05 ng

RT: 6.56 min Scan# 391

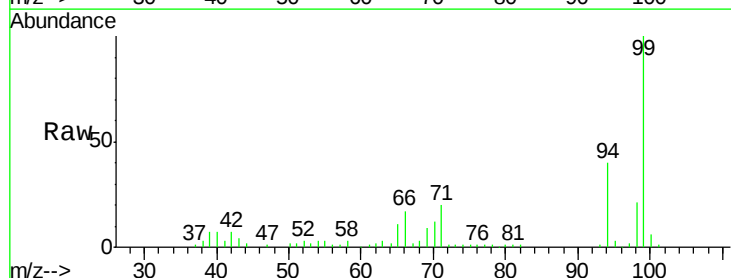
Delta R.T. 0.00 min

Lab File: BF083737.D

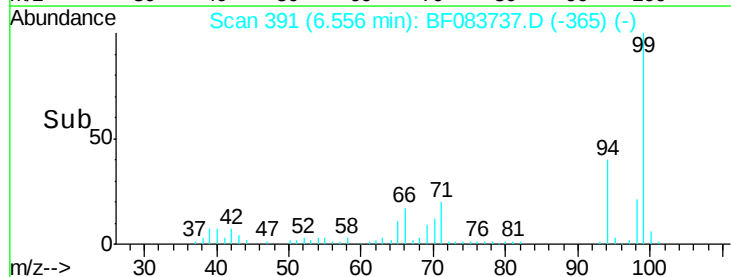
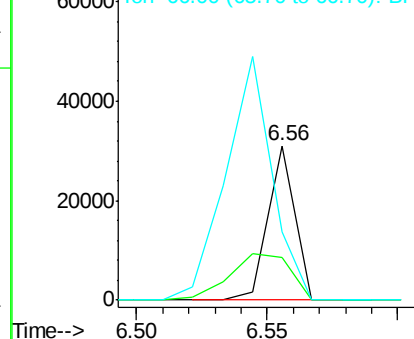
Acq: 13 Dec 2015 18:56

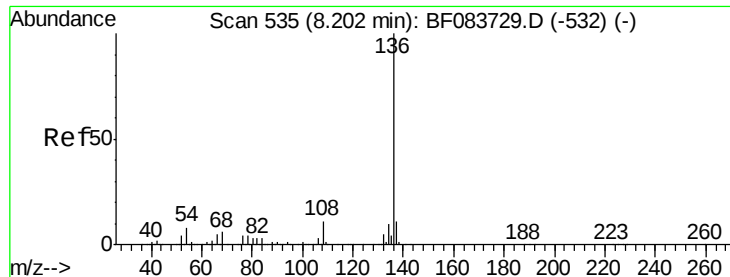
Tgt Ion: 94 Resp: 22468

Ion	Ratio	Lower	Upper
94	100		
65	28.0	20.9	60.9
66	43.9	41.6	81.6



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: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083737.D

Acq: 13 Dec 2015 18:56

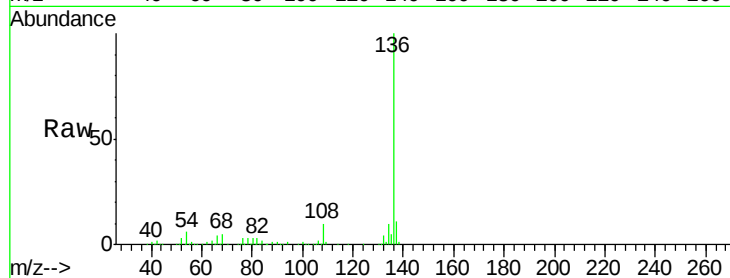
Instrument :

BNA_F

ClientSampleId :

SB-09(27-29)

Tot Ion:136	Resp:	487295
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	6.0	7.8 11.6#
68	5.0	5.7 8.5#

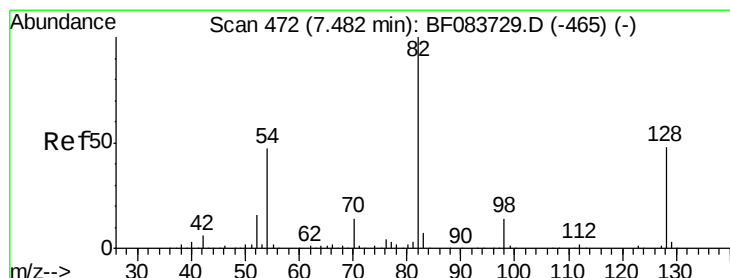
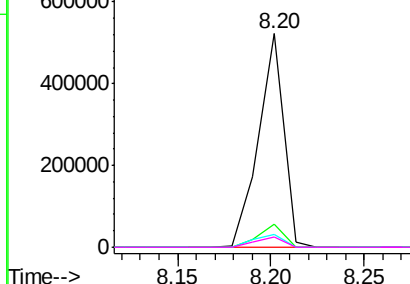
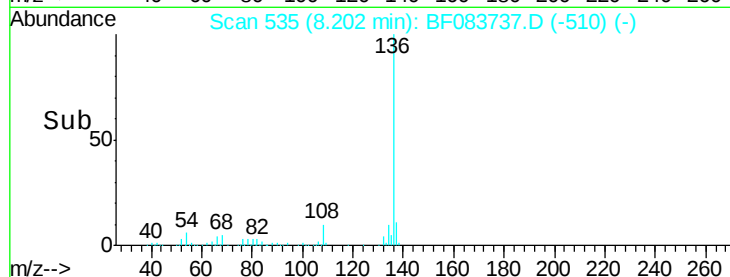


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.51 ng

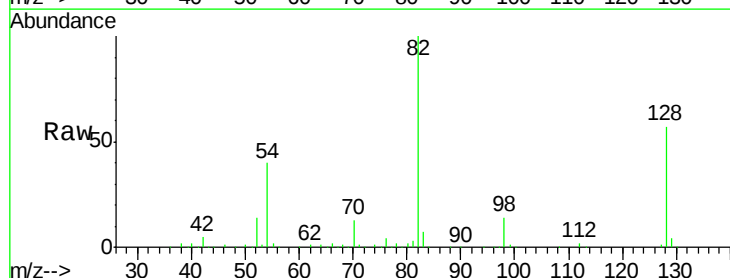
RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083737.D

Acq: 13 Dec 2015 18:56

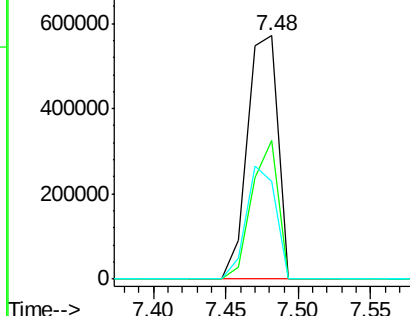
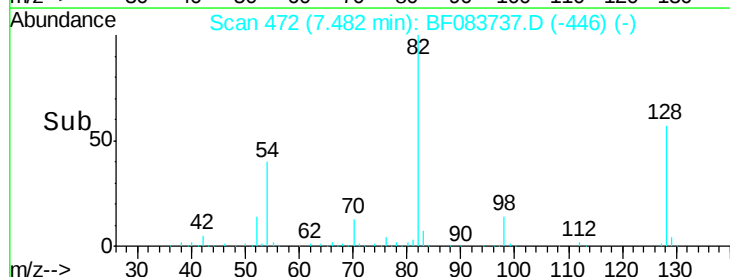
Tgt Ion: 82	Resp:	831908
Ion Ratio	Lower	Upper
82	100	
128	57.2	30.7 46.1#
54	40.4	42.5 63.7#

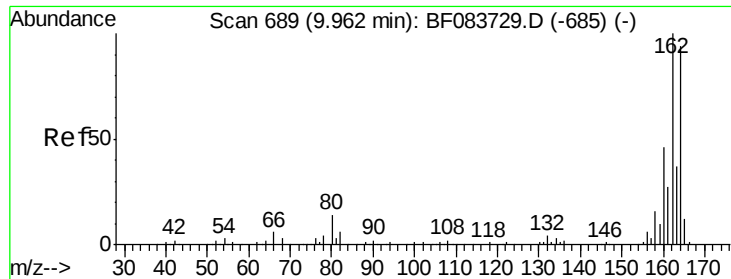


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083737.D

Acq: 13 Dec 2015 18:56

Instrument :

BNA_F

ClientSampleId :

SB-09(27-29)

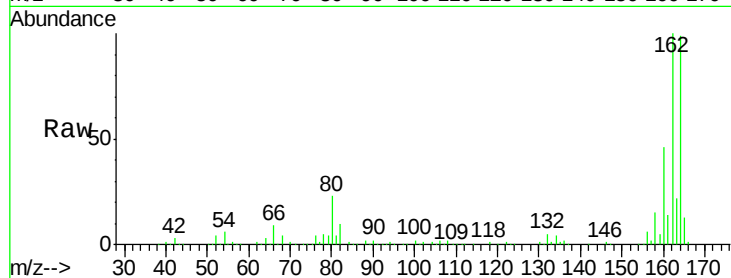
Tot Ion:164 Resp: 225085

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

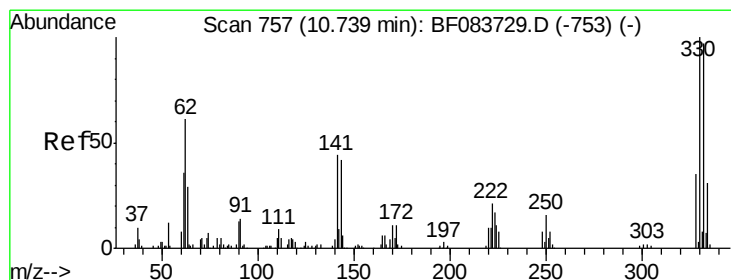
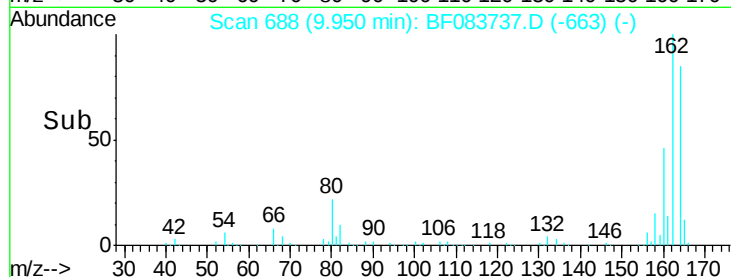
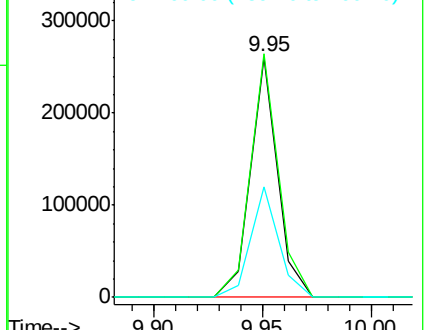
160 46.1 33.4 50.2



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: 129.63 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF083737.D

Acq: 13 Dec 2015 18:56

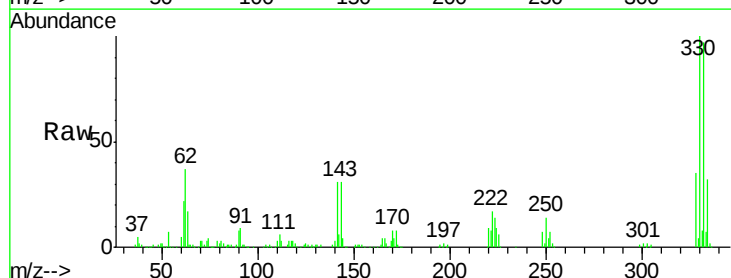
Tgt Ion:330 Resp: 297316

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

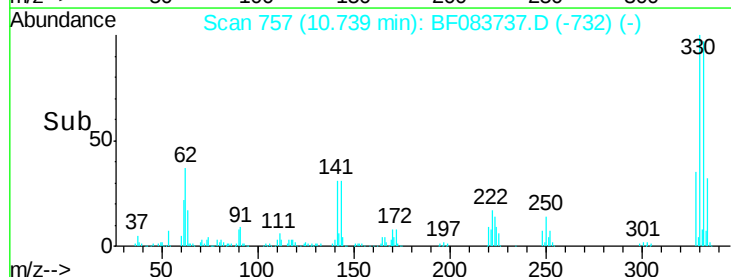
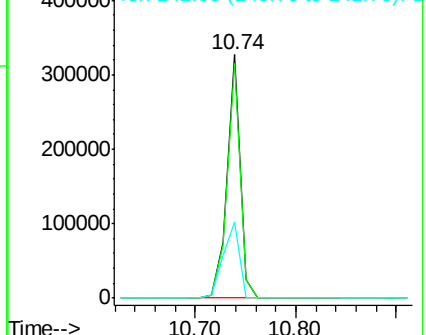
141 38.4 0.0 0.0#

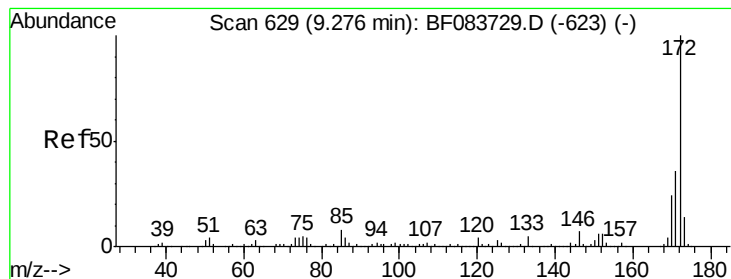


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 83.00 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF083737.D

Acq: 13 Dec 2015 18:56

Instrument :

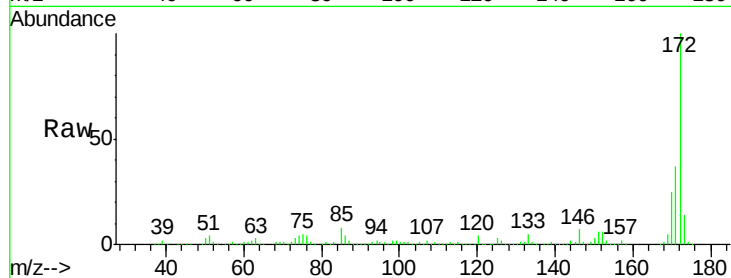
BNA_F

ClientSampleId :

SB-09(27-29)

Tot Ion:172 Resp: 1284424

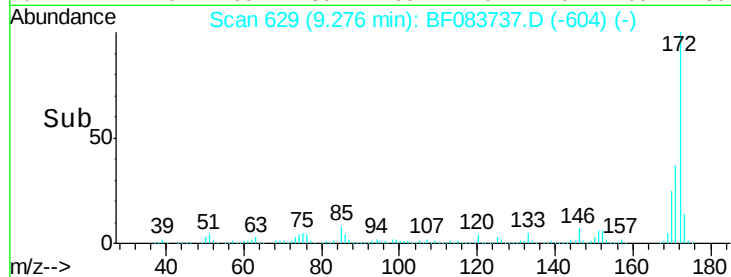
Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	24.7	19.4	29.0



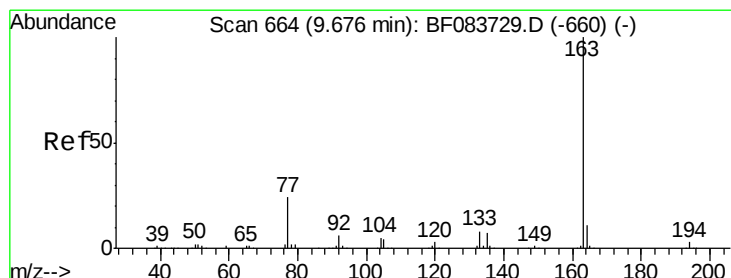
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#49

Dimethylphthalate

Concen: 17.55 ng

RT: 9.66 min Scan# 663

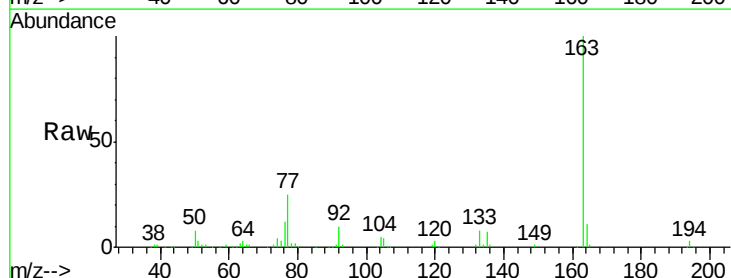
Delta R.T. -0.02 min

Lab File: BF083737.D

Acq: 13 Dec 2015 18:56

Tgt Ion:163 Resp: 307883

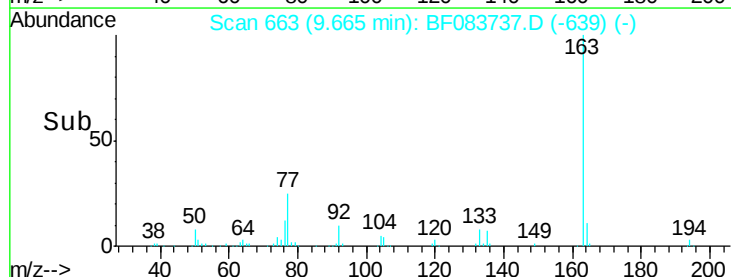
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.5	8.6	13.0



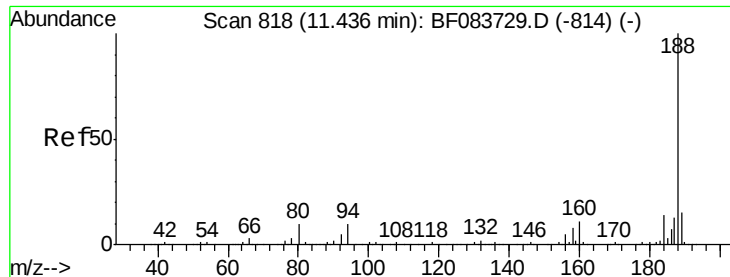
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



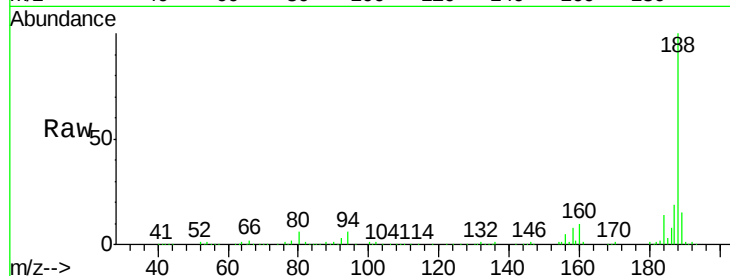
Time-->



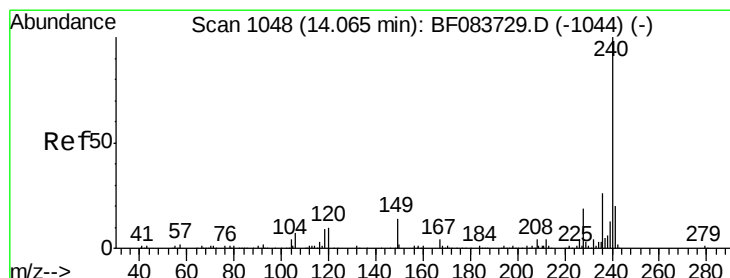
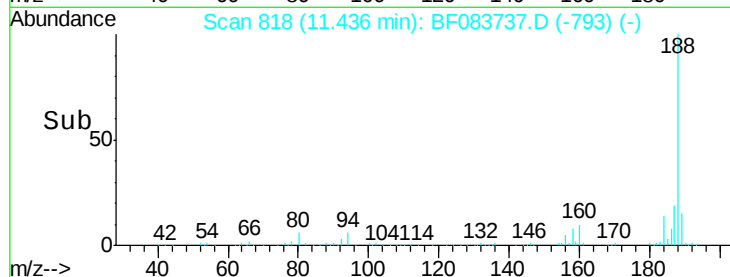
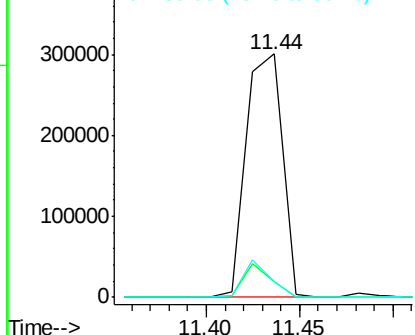
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083737.D
Acq: 13 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB-09(27-29)

Tot Ion:188 Resp: 404693
Ion Ratio Lower Upper
188 100
94 6.3 9.4 14.2#
80 6.4 10.6 16.0#

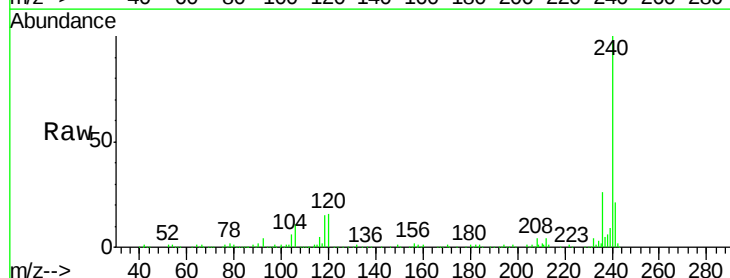


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

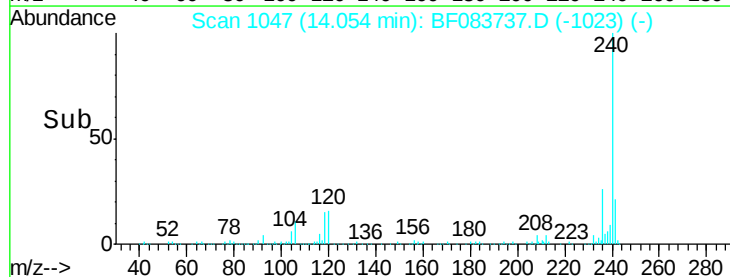
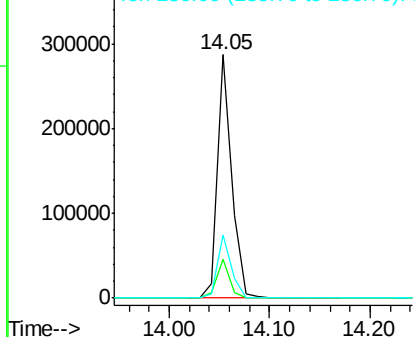


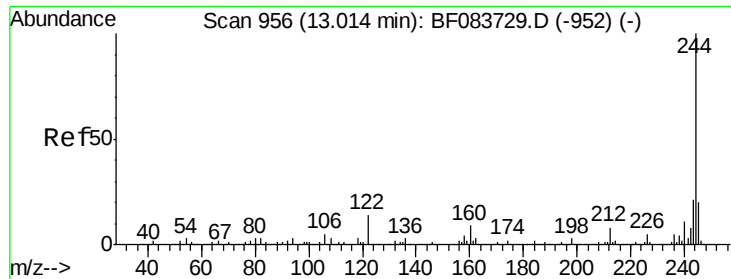
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083737.D
Acq: 13 Dec 2015 18:56

Tgt Ion:240 Resp: 281886
Ion Ratio Lower Upper
240 100
120 15.9 8.1 12.1#
236 25.8 20.8 31.2



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: 91.75 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083737.D

Acq: 13 Dec 2015 18:56

Instrument :

BNA_F

ClientSampleId :

SB-09(27-29)

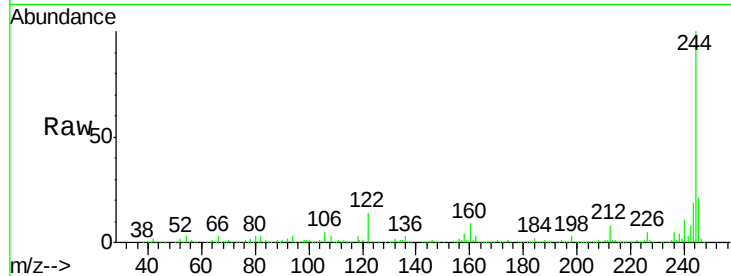
Tot Ion:244 Resp: 1202278

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

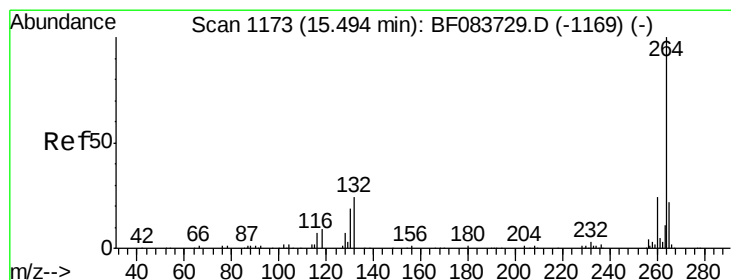
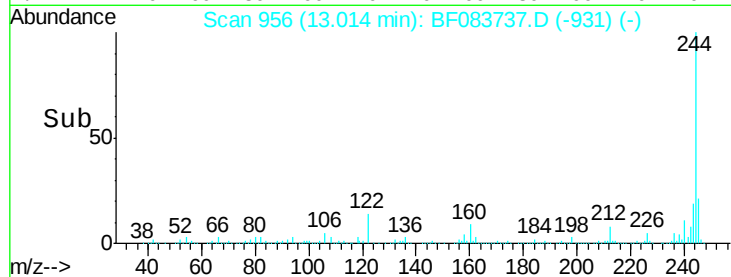
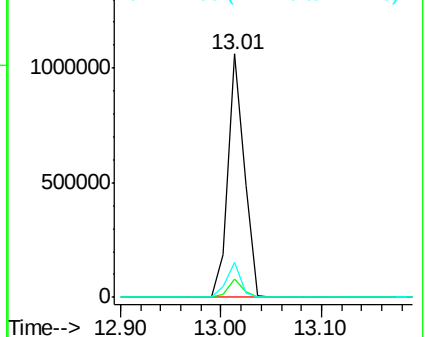
122 14.2 11.0 16.6



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: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF083737.D

Acq: 13 Dec 2015 18:56

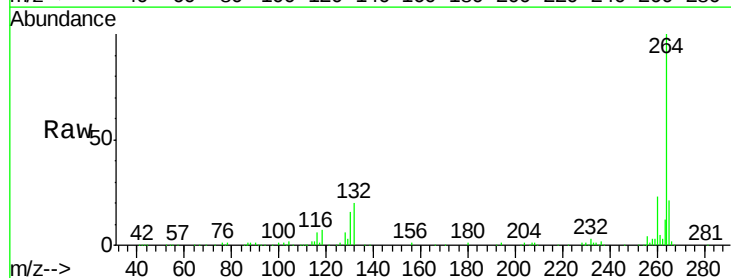
Tgt Ion:264 Resp: 223917

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 21.2 17.8 26.6



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

