

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092730.D
 Acq On : 2 Feb 2017 4:26
 Operator : SJ/MA
 Sample : I1615-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-7

Quant Time: Feb 02 05:50:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

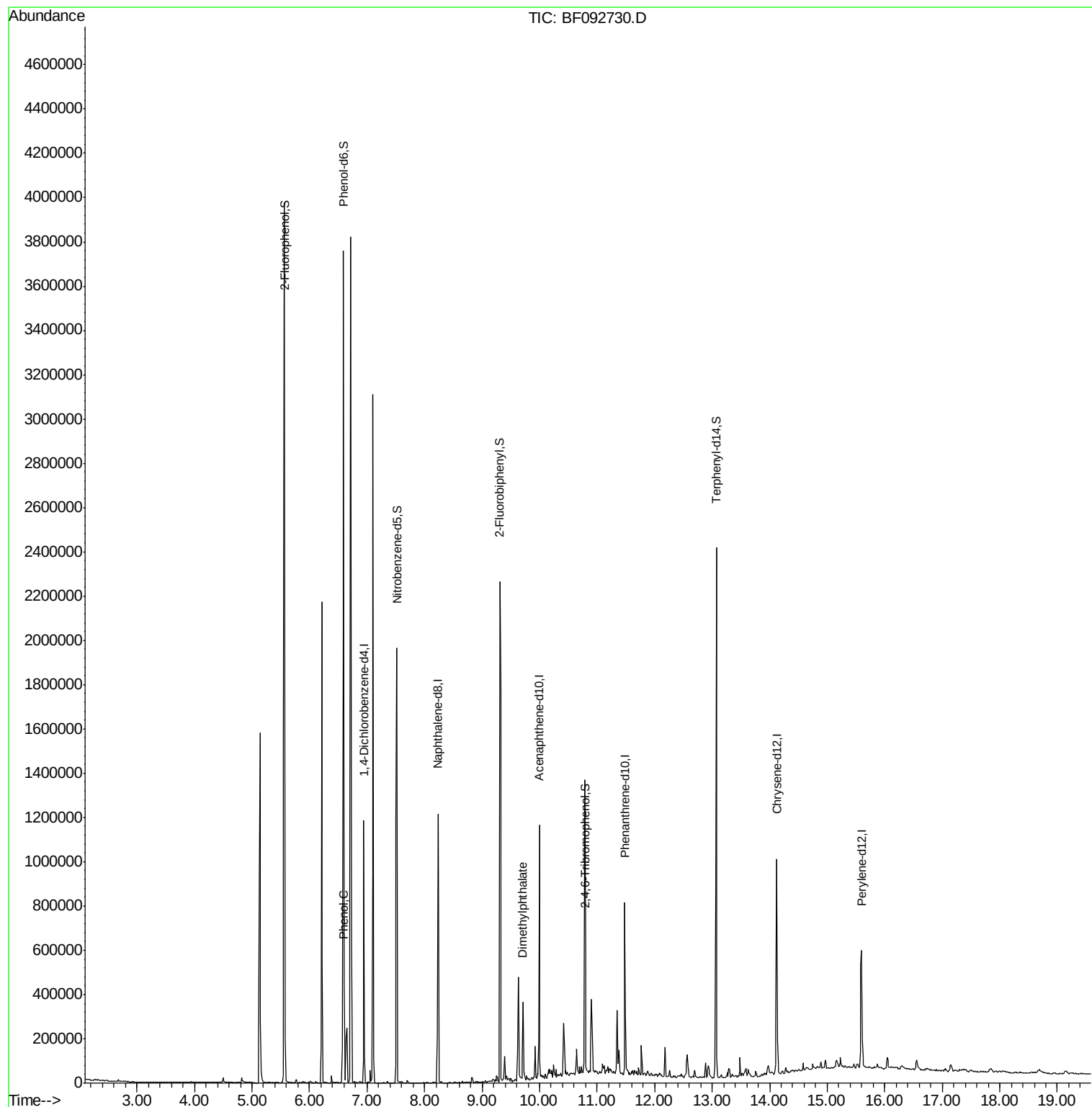
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	155290	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	514570	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	225450	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	290422	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	320624	20.00	ng	-0.02
86) Perylene-d12	15.60	264	282495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1063456	117.49	ng	-0.01
7) Phenol-d6	6.59	99	1407281	120.83	ng	-0.01
23) Nitrobenzene-d5	7.52	82	755357	81.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	170407	104.51	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1028717	82.67	ng	-0.02
78) Terphenyl-d14	13.07	244	753498	55.22	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	109913	8.07	ng	Qvalue # 66
49) Dimethylphthalate	9.71	163	117135	7.71	ng	99

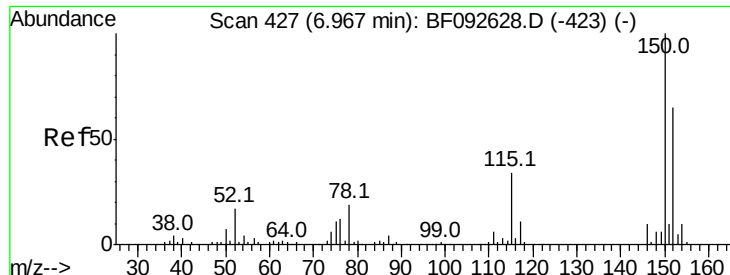
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

Instrument :

BNA_F

ClientSampleId :

SS-7

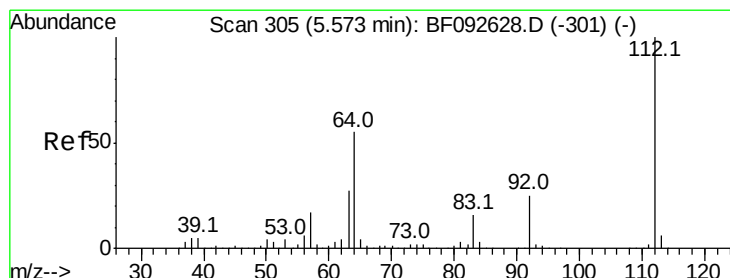
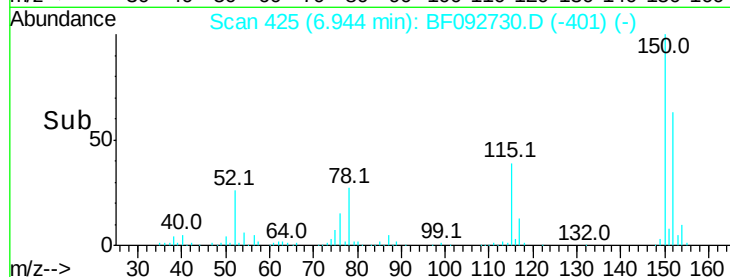
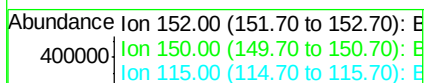
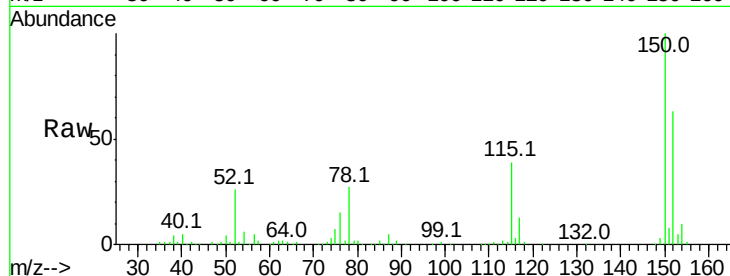
Tot Ion:152 Resp: 155290

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

115 62.3 46.0 69.0



#5

2-Fluorophenol

Concen: 117.49 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

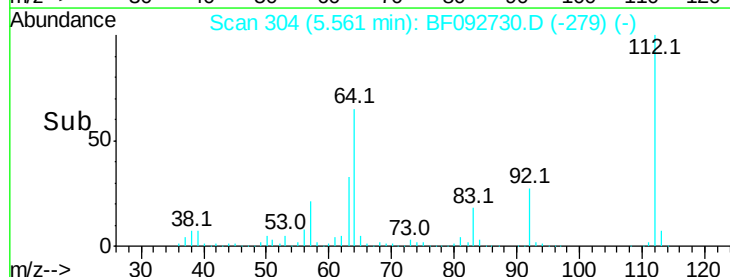
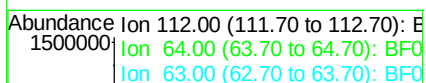
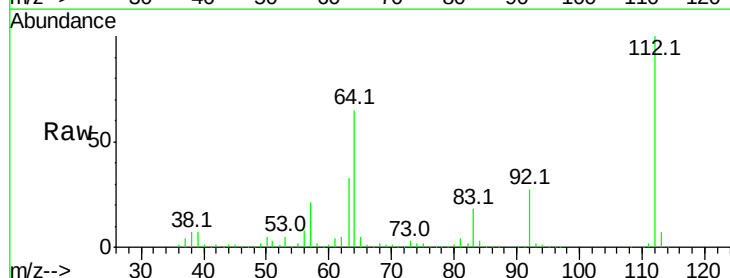
Tgt Ion:112 Resp: 1063456

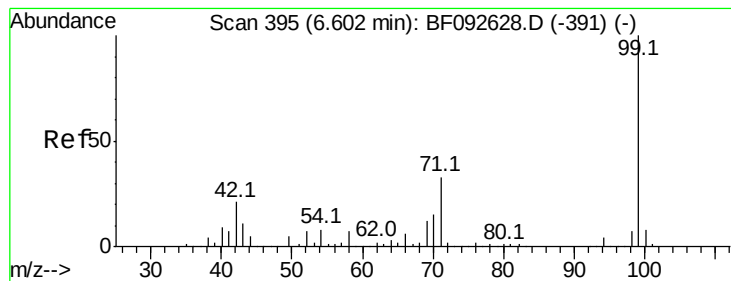
Ion Ratio Lower Upper

112 100

64 65.1 46.1 69.1

63 33.4 23.8 35.6





#7

Phenol-d6

Concen: 120.83 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

Instrument :

BNA_F

ClientSampleId :

SS-7

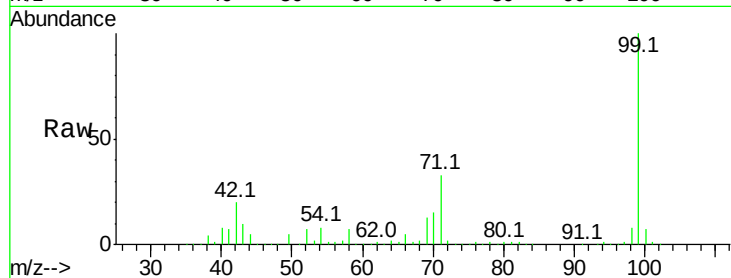
Tot Ion: 99 Resp: 1407281

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.6	23.4
71	32.5	27.5	41.3

99 100

42 19.9 15.6 23.4

71 32.5 27.5 41.3

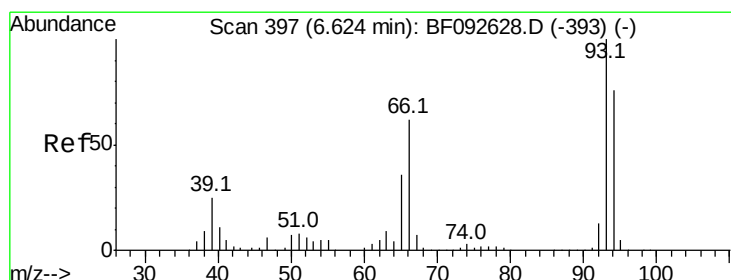
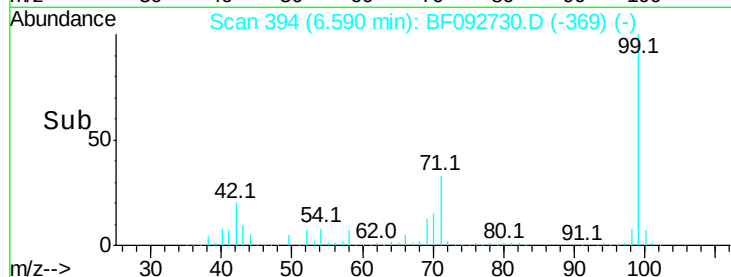
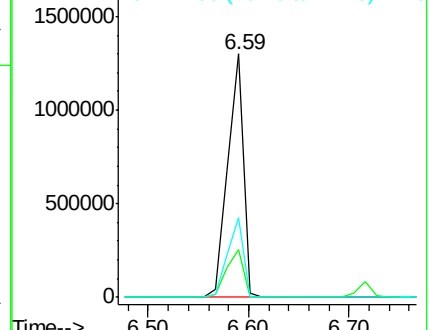


Abundance

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: 8.07 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

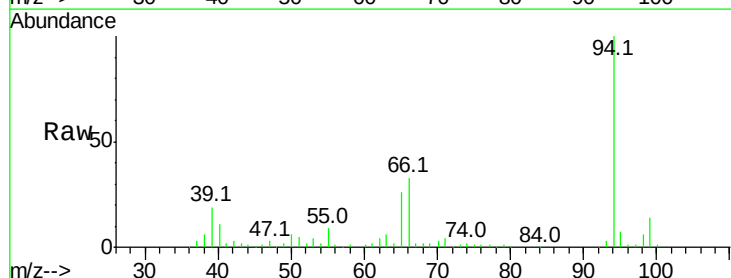
Tgt Ion: 94 Resp: 109913

Ion	Ratio	Lower	Upper
94	100		
65	25.8	21.4	61.4
66	32.6	44.0	84.0#

94 100

65 25.8 21.4 61.4

66 32.6 44.0 84.0#

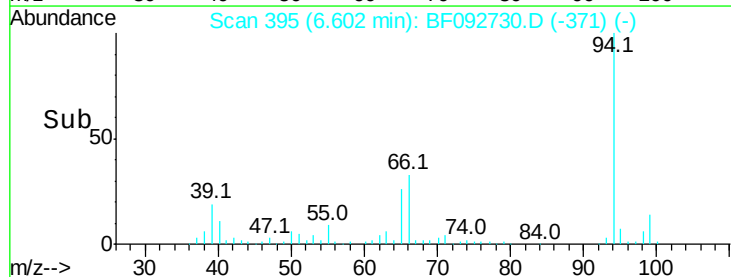
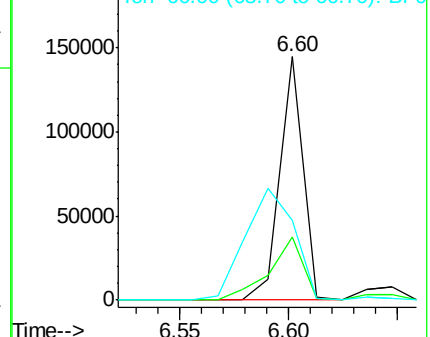


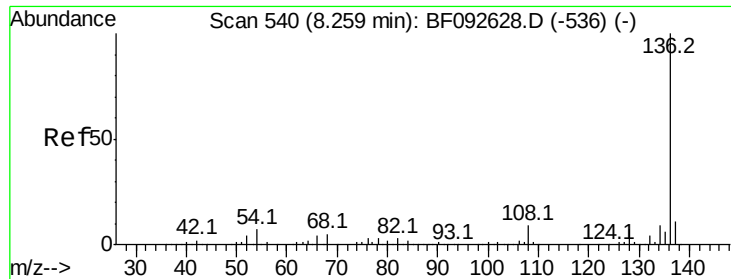
Abundance

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

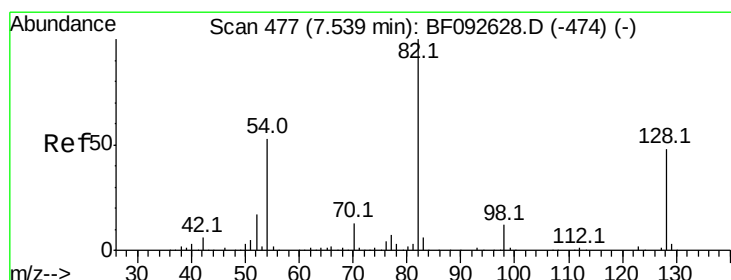
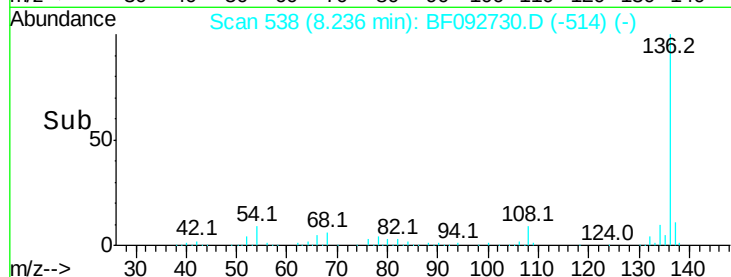
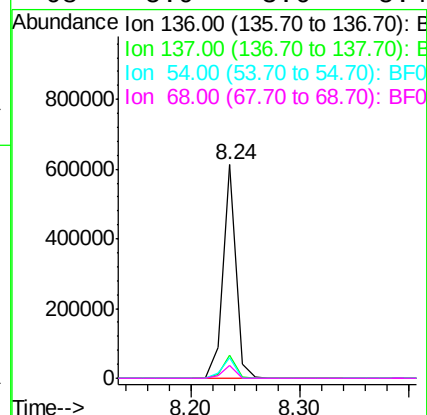
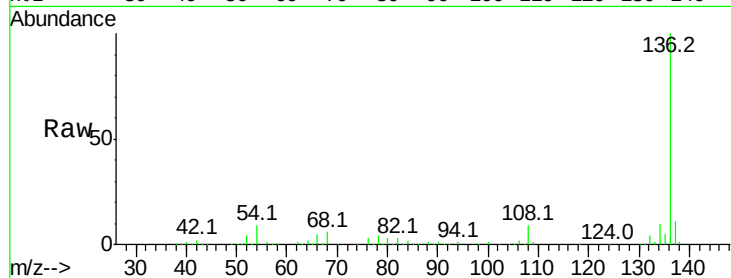




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

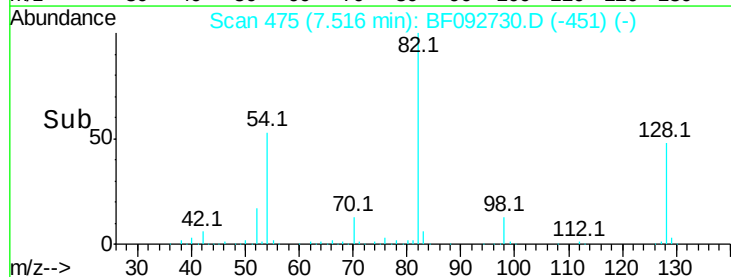
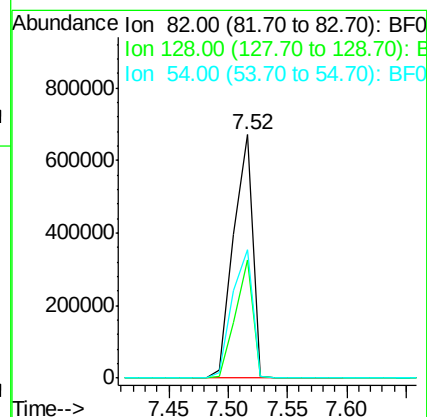
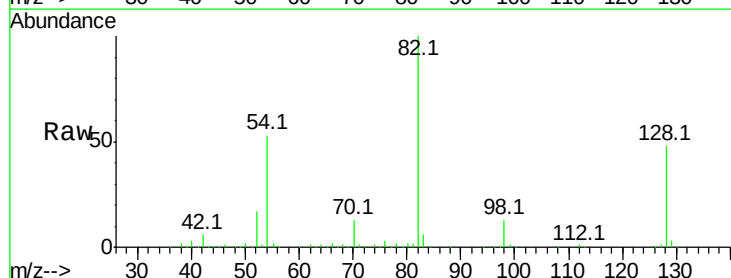
Instrument :
BNA_F
ClientSampleId :
SS-7

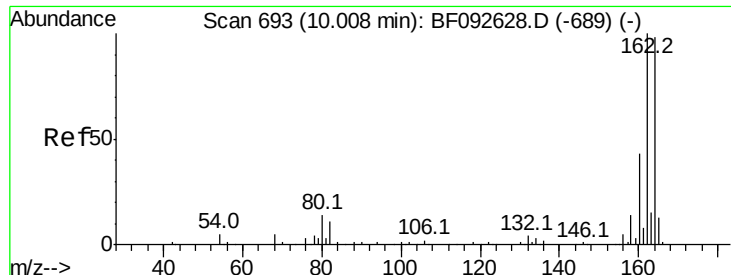
Tot Ion:	136	Resp:	514570
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.4	4.5	6.7#
68	5.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 81.75 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:	82	Resp:	755357
Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.6	52.0
54	52.6	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

Instrument :

BNA_F

ClientSampleId :

SS-7

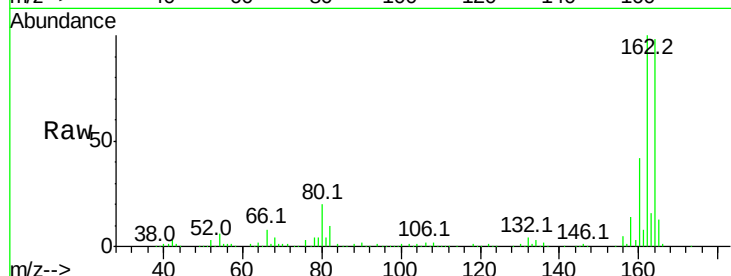
Tot Ion:164 Resp: 225450

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

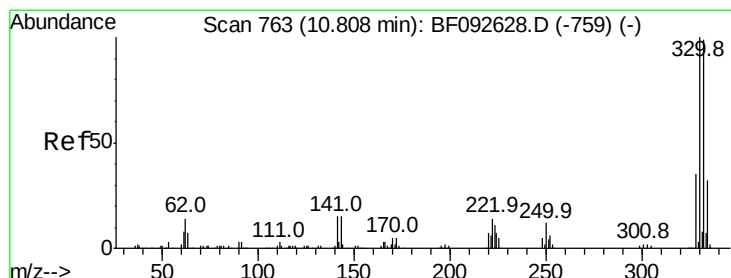
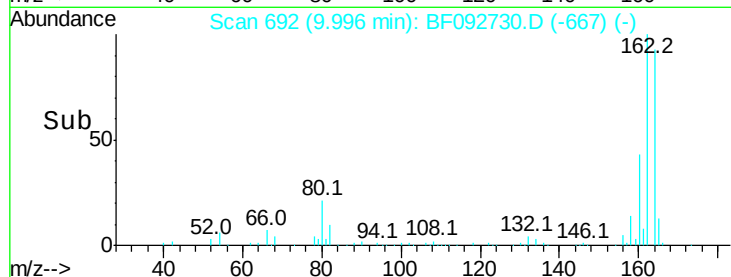
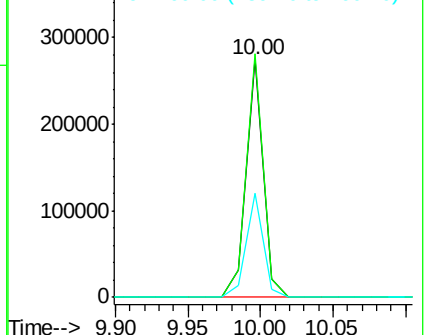
160 43.5 36.9 55.3



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: 104.51 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

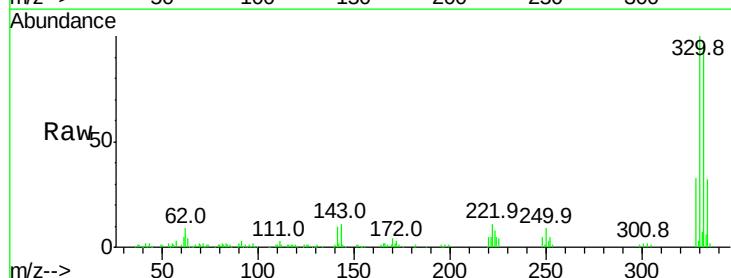
Tgt Ion:330 Resp: 170407

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

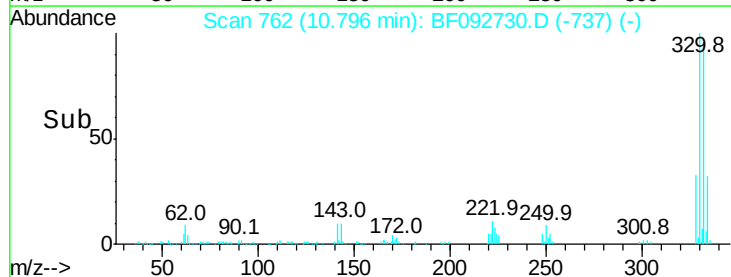
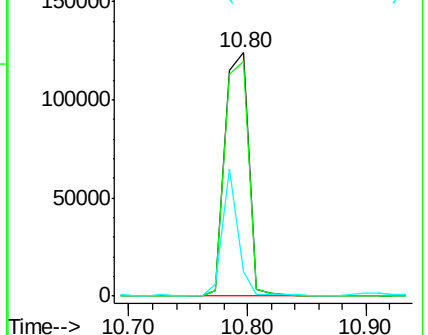
141 34.2 34.1 51.1

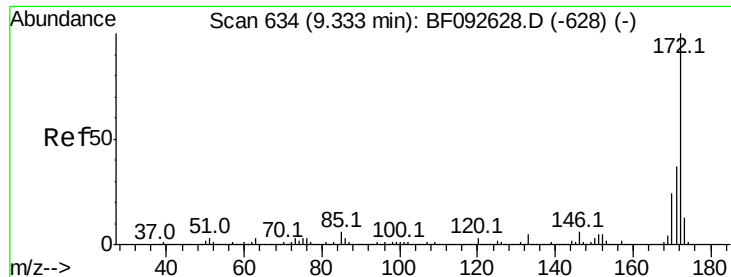


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



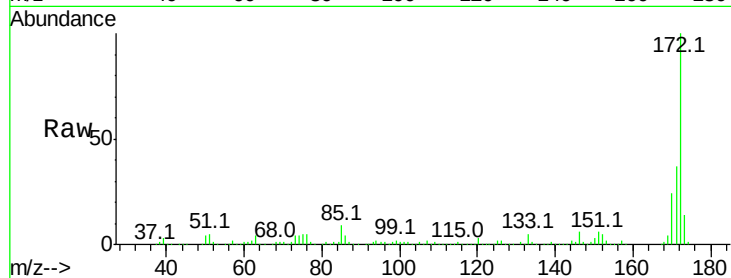


#44
 2-Fluorobiphenyl
 Concen: 82.67 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092730.D
 Acq: 2 Feb 2017 4:26

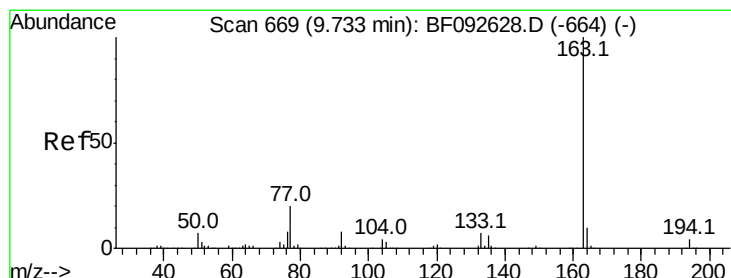
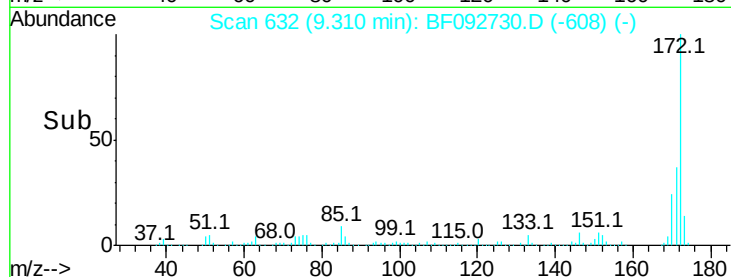
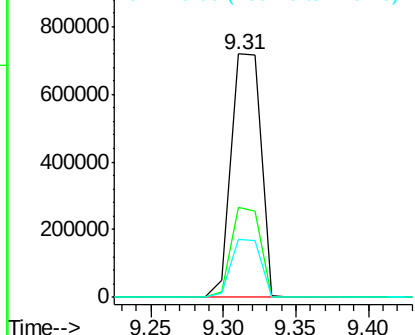
Instrument :
 BNA_F
 ClientSampleId :
 SS-7

Tot Ion:172 Resp: 1028717

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.0	20.2	30.4



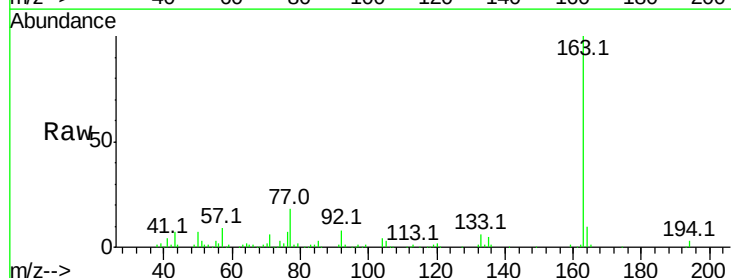
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



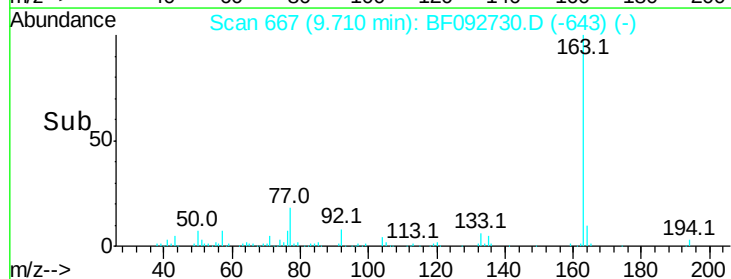
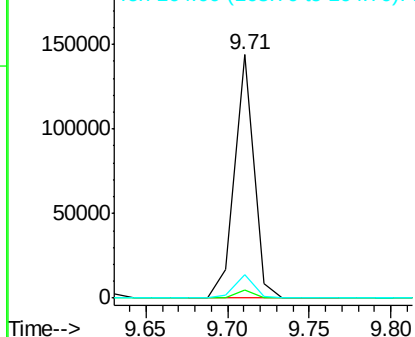
#49
 Dimethylphthalate
 Concen: 7.71 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF092730.D
 Acq: 2 Feb 2017 4:26

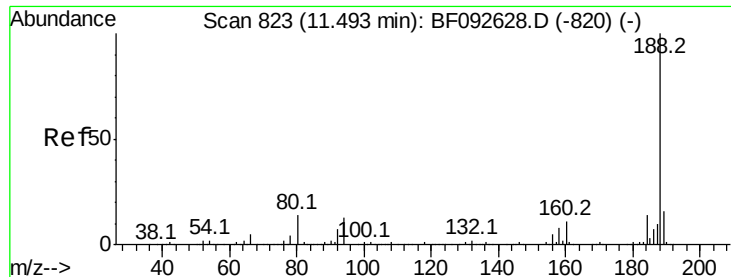
Tgt Ion:163 Resp: 117135

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	9.7	8.0	12.0



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

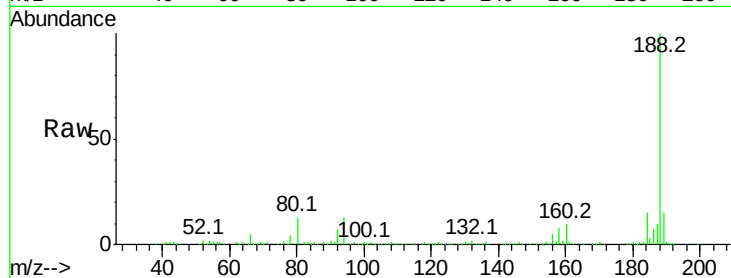




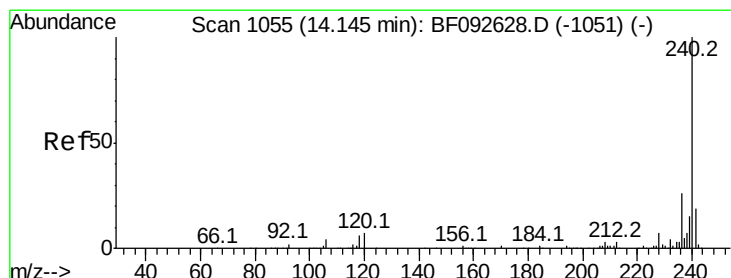
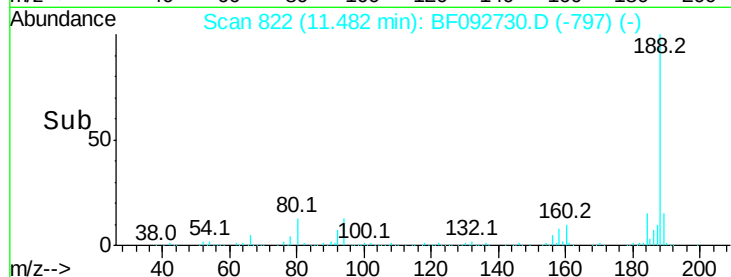
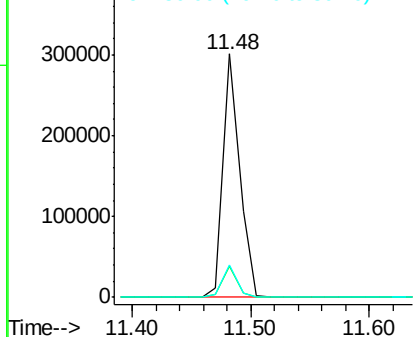
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tot Ion:188 Resp: 290422
Ion Ratio Lower Upper
188 100
94 12.9 10.0 15.0
80 13.4 11.2 16.8

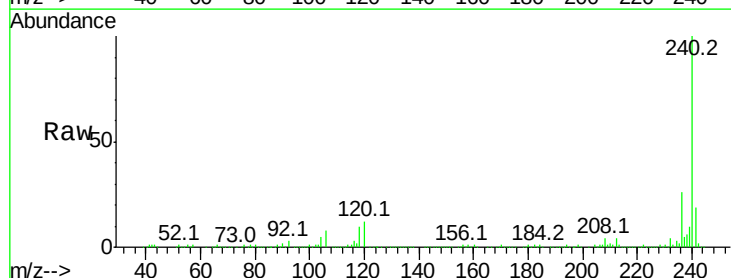


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

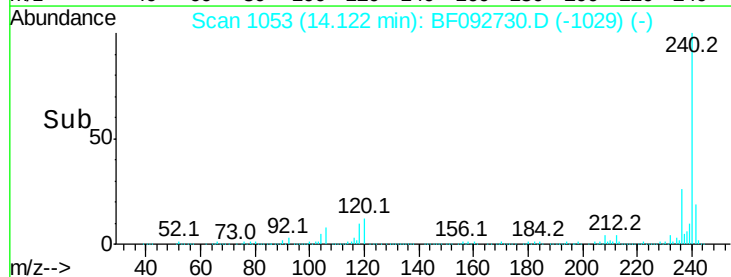
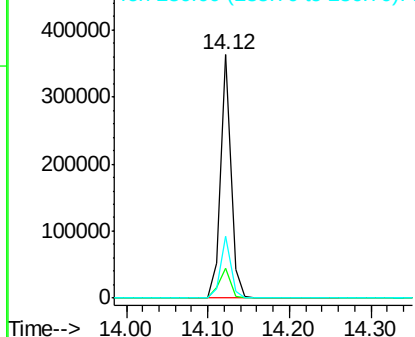


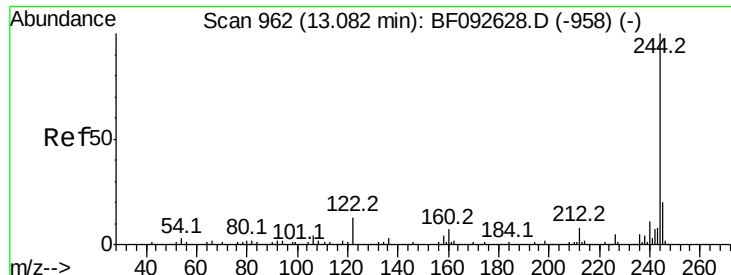
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:240 Resp: 320624
Ion Ratio Lower Upper
240 100
120 12.4 12.9 19.3#
236 25.6 20.9 31.3



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: 55.22 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

Instrument :

BNA_F

ClientSampled :

SS-7

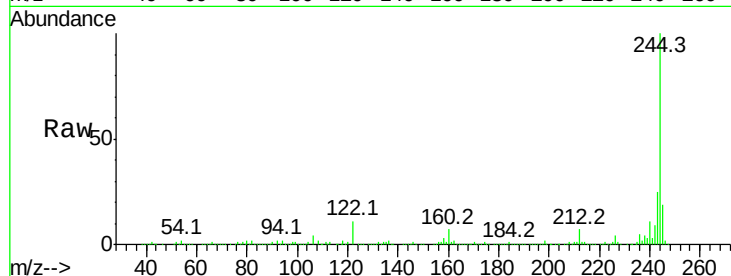
Tot Ion:244 Resp: 753498

Ion Ratio Lower Upper

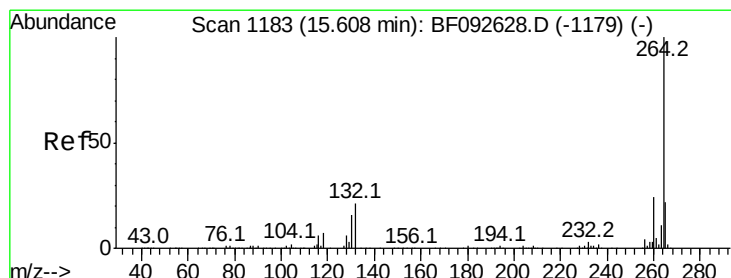
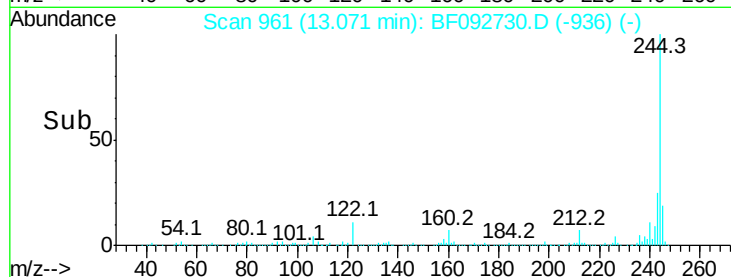
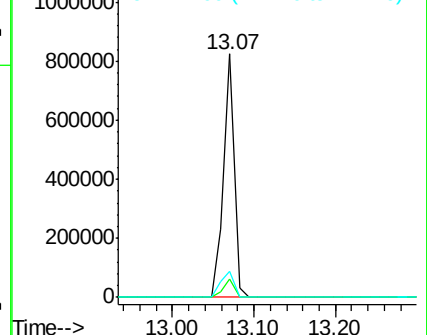
244 100

212 7.3 6.2 9.2

122 10.6 11.4 17.2#



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: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

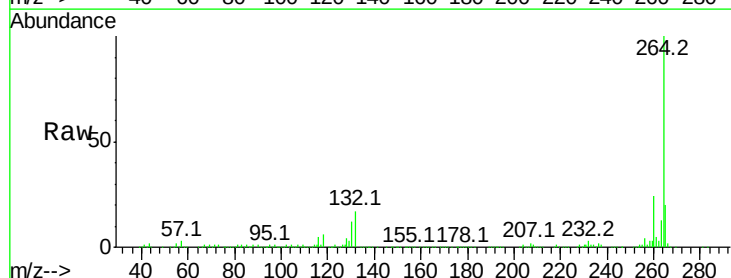
Tgt Ion:264 Resp: 282495

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.4 17.4 26.0



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

