

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092440.D
 Acq On : 24 Jan 2017 20:28
 Operator : UM/SJ
 Sample : I1322-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-8-9

Quant Time: Jan 25 00:08:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

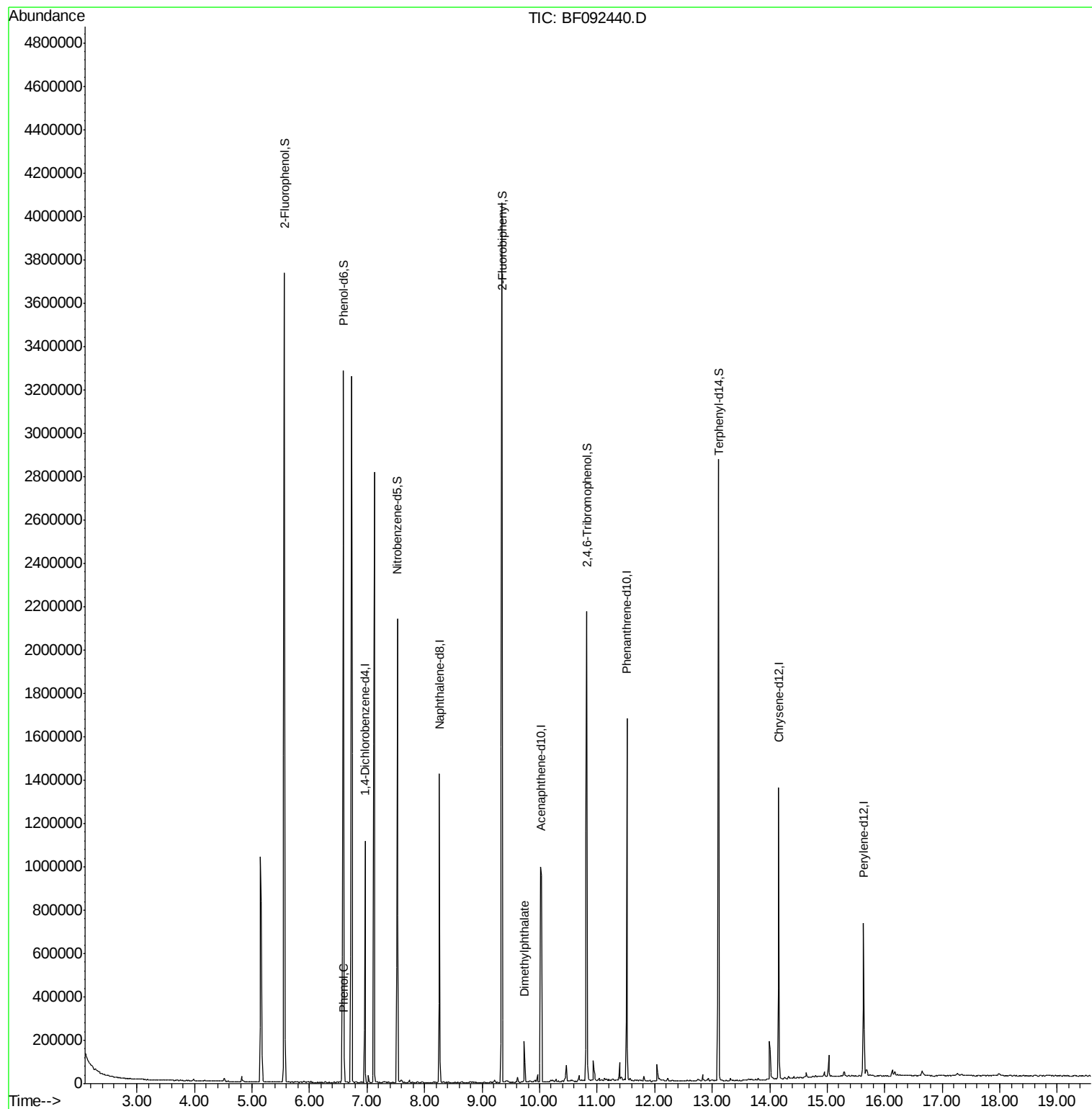
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154582	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	616206	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	327434	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	560488	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	462072	20.00	ng	-0.01
86) Perylene-d12	15.63	264	316835	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	998566	100.50	ng	0.01
7) Phenol-d6	6.59	99	1503289	118.78	ng	0.00
23) Nitrobenzene-d5	7.53	82	793577	70.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	256314	114.87	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1370618	77.40	ng	-0.01
78) Terphenyl-d14	13.12	244	1343820	77.44	ng	0.00
Target Compounds						
10) Phenol	6.60	94	42797	2.80	ng	Qvalue # 61
49) Dimethylphthalate	9.73	163	87281	4.19	ng	98

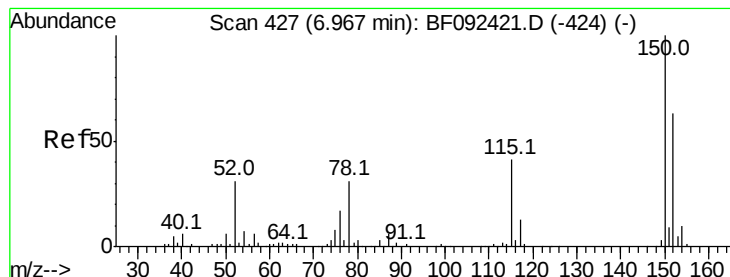
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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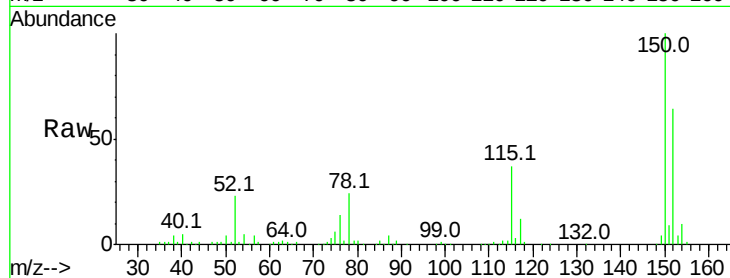


#1

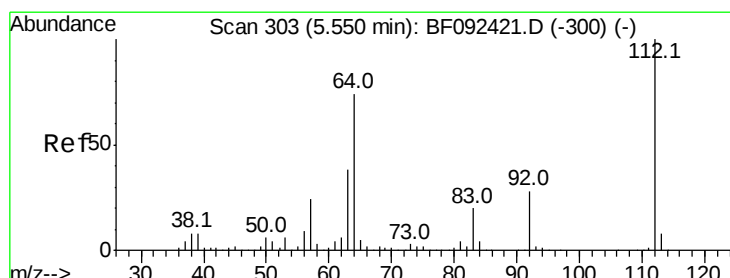
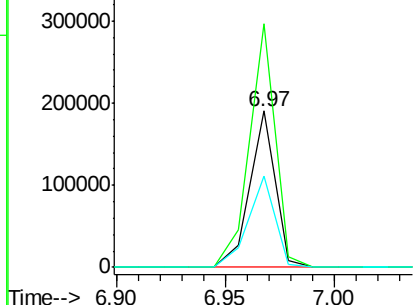
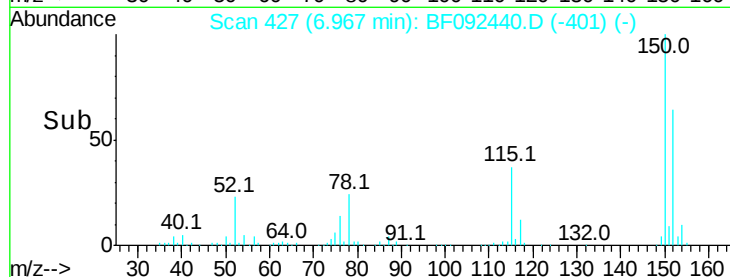
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092440.D
Acq: 24 Jan 2017 20:28

Instrument :
BNA_F
ClientSampleId :
B2-8-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.9	187.3
115	58.0	46.0	69.0



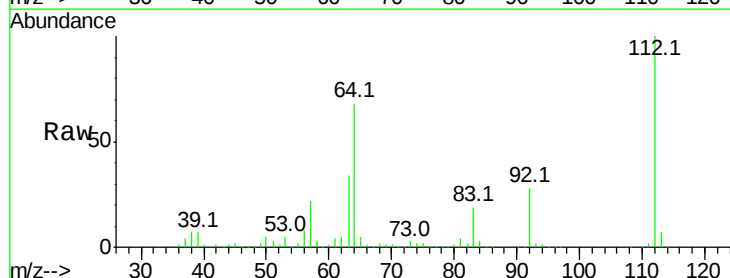
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



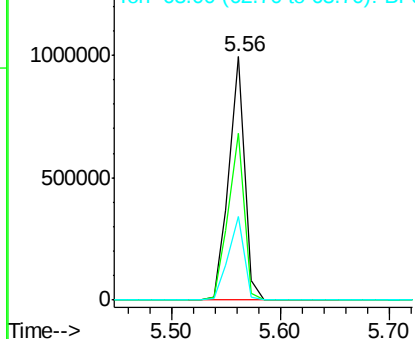
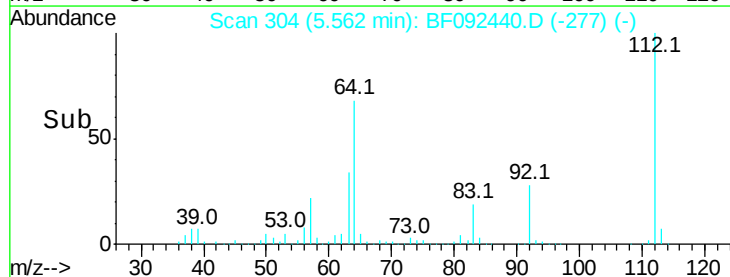
#5

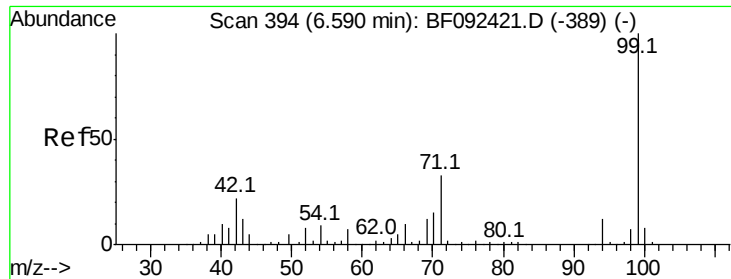
2-Fluorophenol
Concen: 100.50 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092440.D
Acq: 24 Jan 2017 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	46.1	69.1
63	34.5	23.8	35.6



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: 118.78 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092440.D

Acq: 24 Jan 2017 20:28

Instrument :

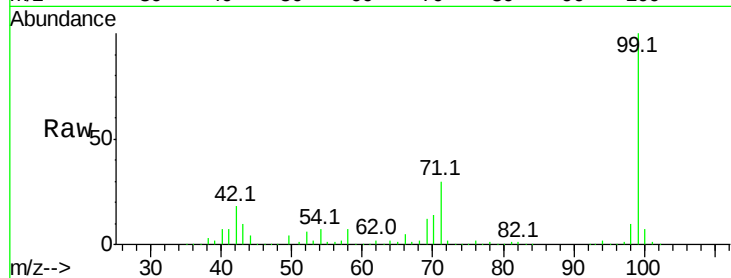
BNA_F

ClientSampleId :

B2-8-9

Tot Ion: 99 Resp: 1503289

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.6	23.4
71	30.1	27.5	41.3

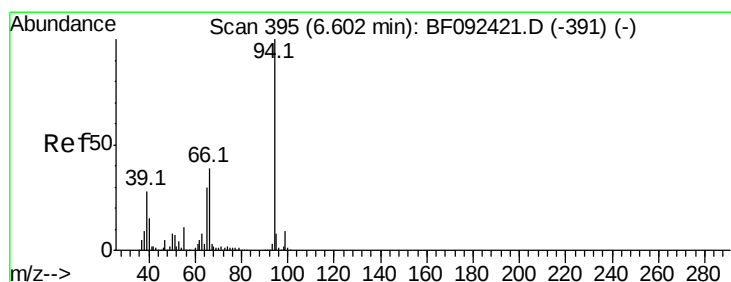
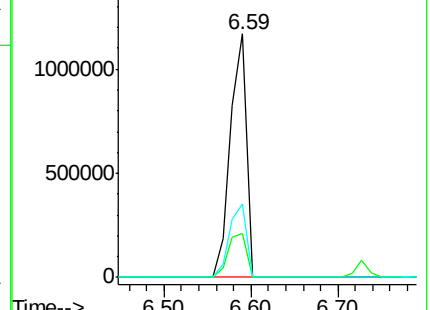
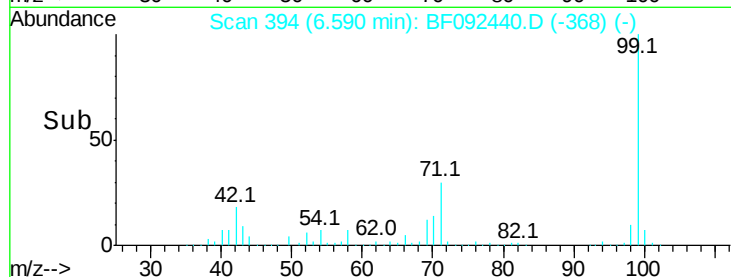


Abundance

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: 2.80 ng

RT: 6.60 min Scan# 395

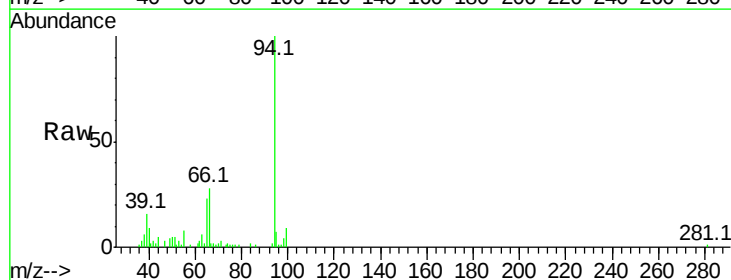
Delta R.T. 0.00 min

Lab File: BF092440.D

Acq: 24 Jan 2017 20:28

Tgt Ion: 94 Resp: 42797

Ion	Ratio	Lower	Upper
94	100		
65	22.8	21.4	61.4
66	28.2	44.0	84.0#

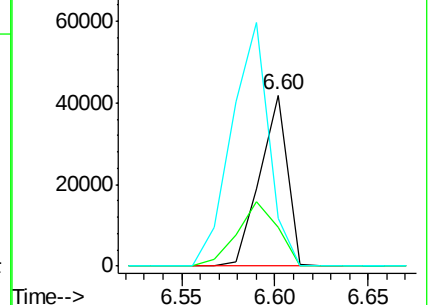
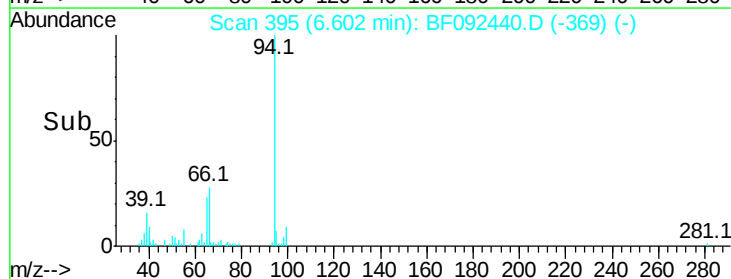


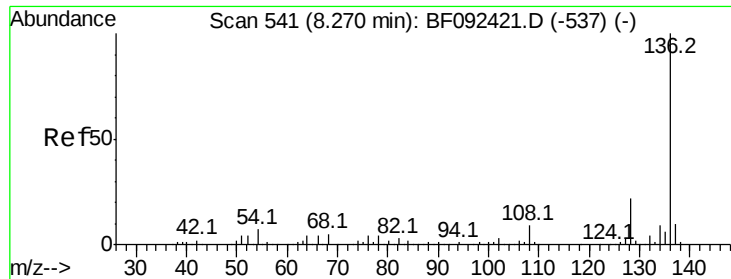
Abundance

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

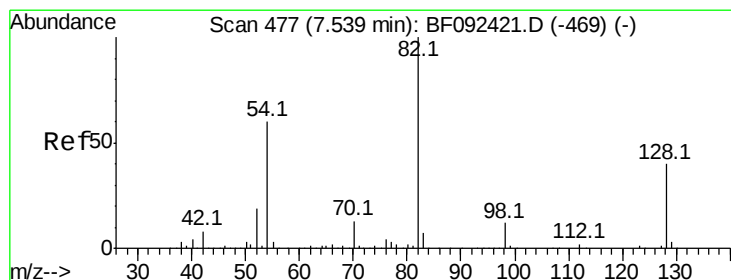
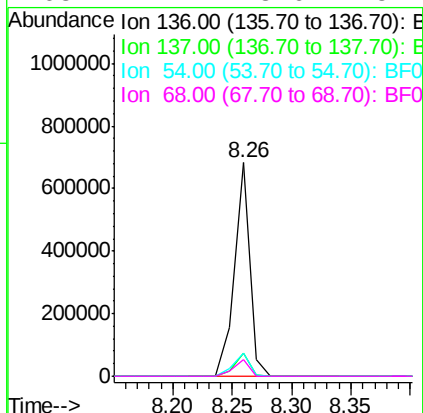
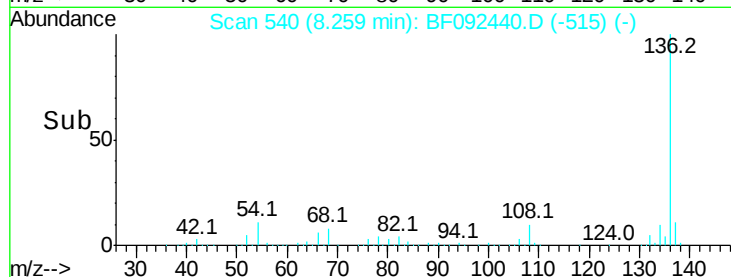
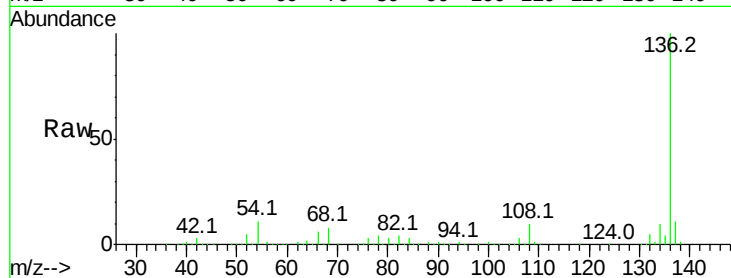




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092440.D
Acq: 24 Jan 2017 20:28

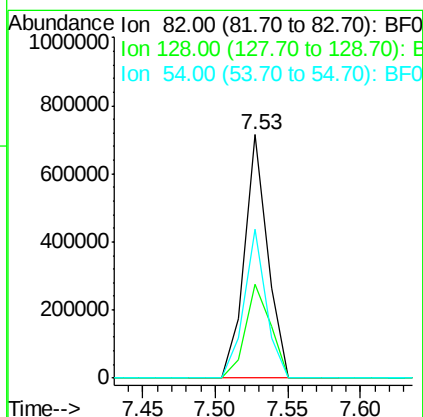
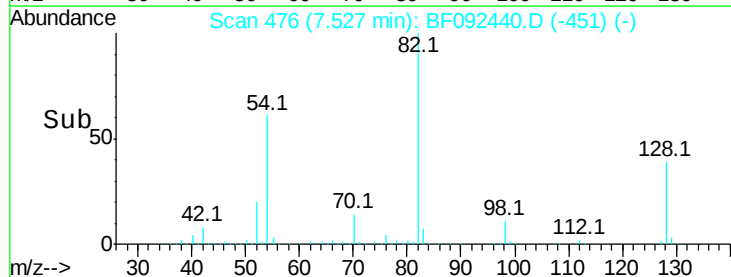
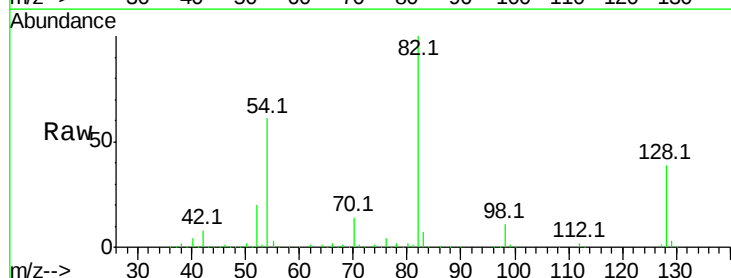
Instrument :
BNA_F
ClientSampleId :
B2-8-9

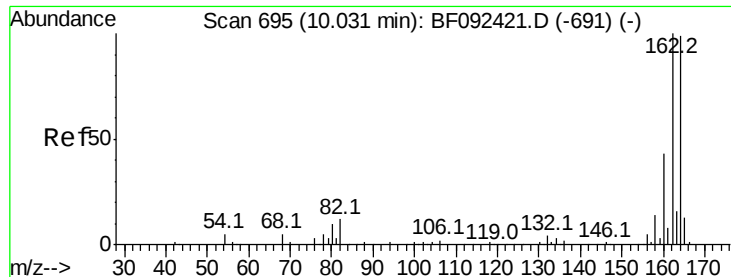
Tot Ion:	136	Resp:	616206
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.6	4.5	6.7#
68	7.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 70.35 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092440.D
Acq: 24 Jan 2017 20:28

Tgt Ion:	82	Resp:	793577
Ion	Ratio	Lower	Upper
82	100		
128	38.6	34.6	52.0
54	61.3	39.5	59.3#

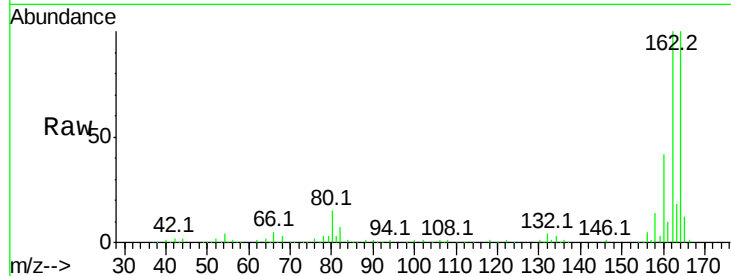




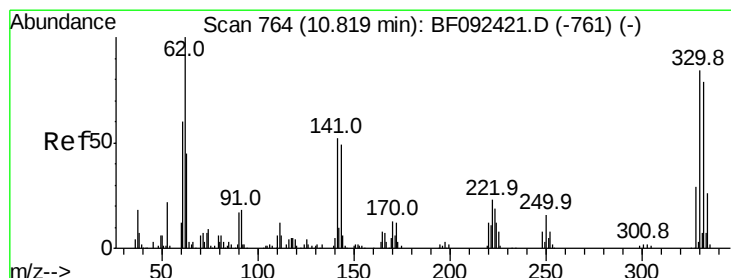
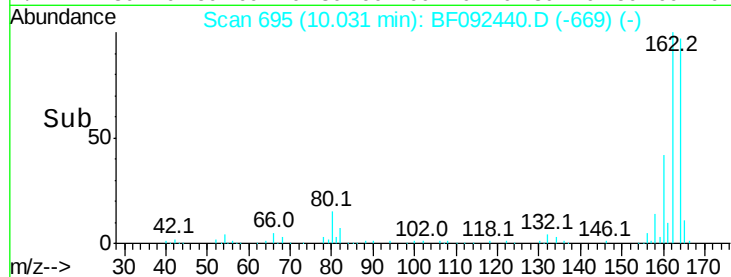
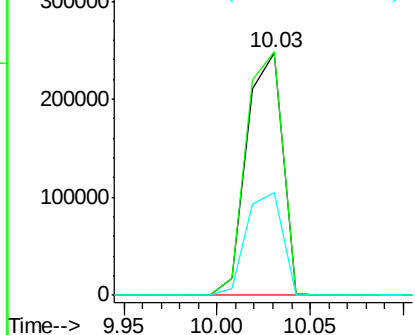
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
 B2-8-9

Tot Ion:164 Resp: 327434
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.2 120.2
 160 42.3 36.9 55.3

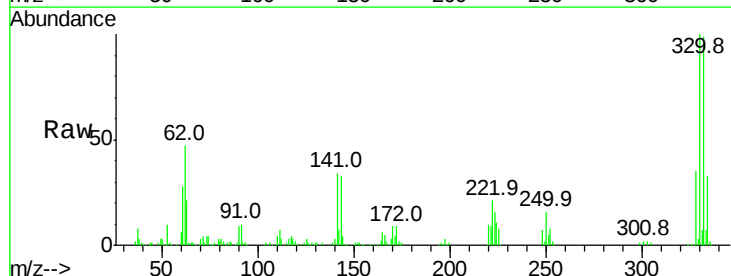


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

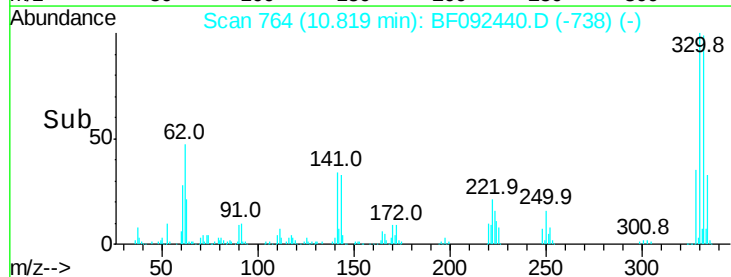
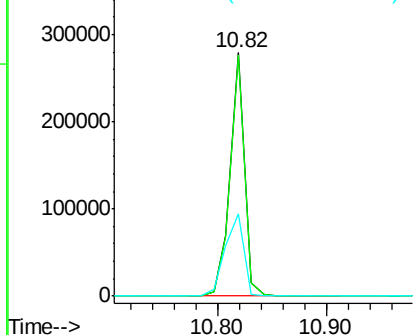


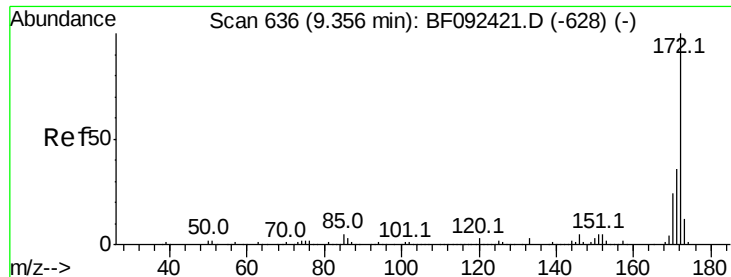
#41
 2,4,6-Tribromophenol
 Concen: 114.87 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

Tgt Ion:330 Resp: 256314
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.4 116.2
 141 43.3 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



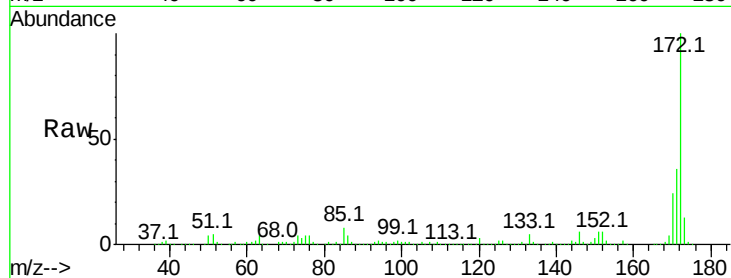


#44
 2-Fluorobiphenyl
 Concen: 77.40 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

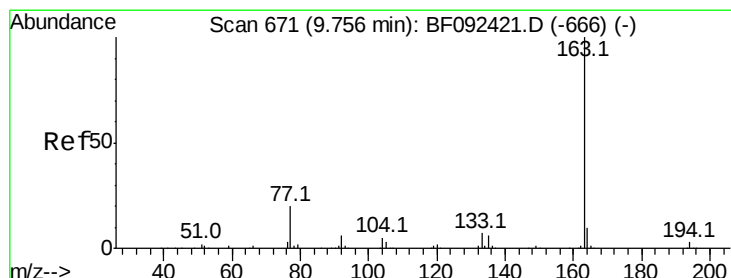
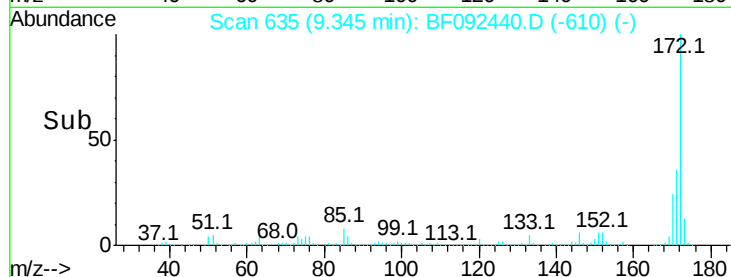
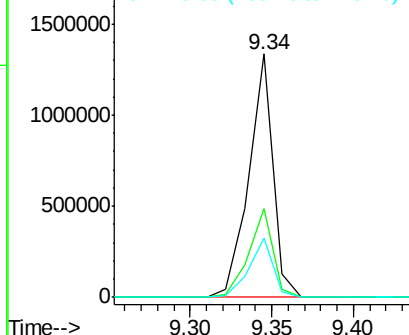
Instrument :
 BNA_F
 ClientSampleId :
 B2-8-9

Tot Ion:172 Resp: 1370618

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	20.2	30.4



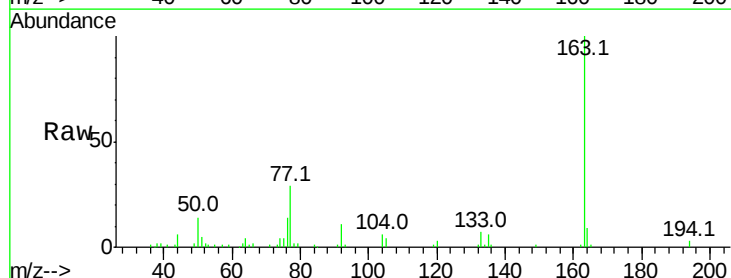
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



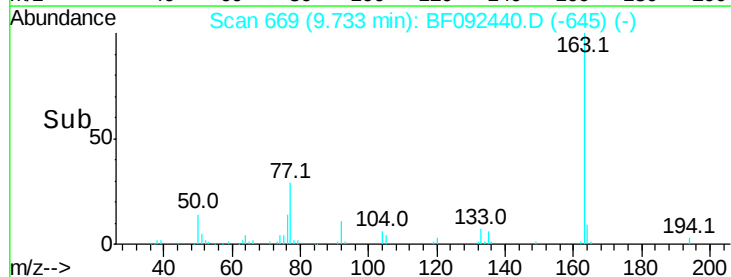
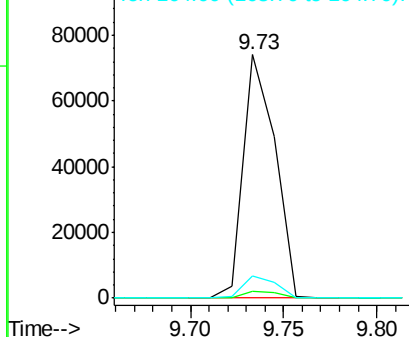
#49
 Dimethylphthalate
 Concen: 4.19 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

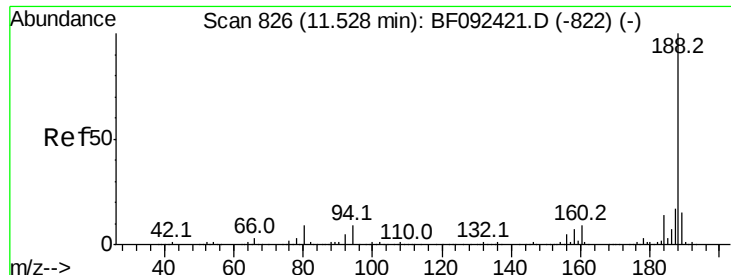
Tgt Ion:163 Resp: 87281

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	9.2	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

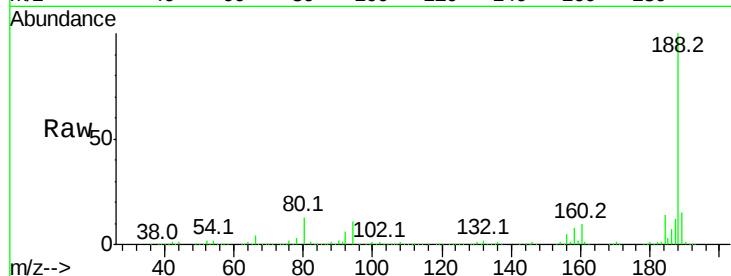




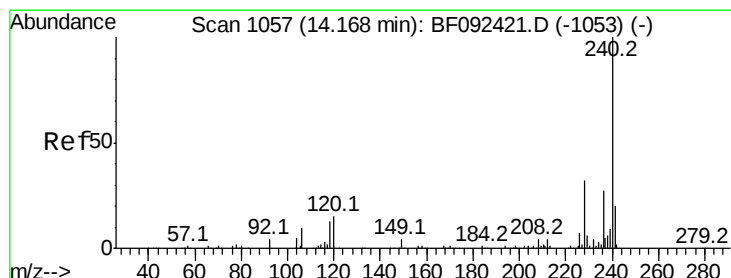
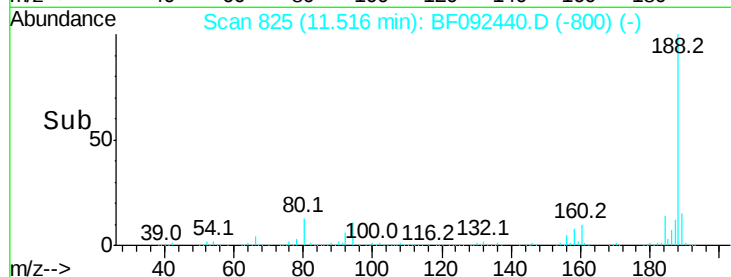
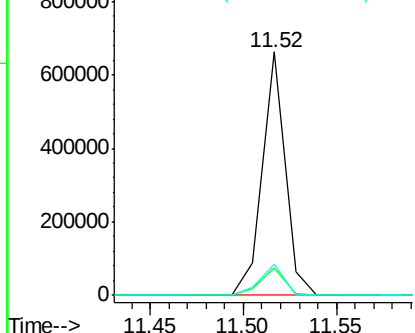
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092440.D
Acq: 24 Jan 2017 20:28

Instrument :
BNA_F
ClientSampleId :
B2-8-9

Tot Ion:188 Resp: 560488
Ion Ratio Lower Upper
188 100
94 11.4 10.0 15.0
80 12.7 11.2 16.8

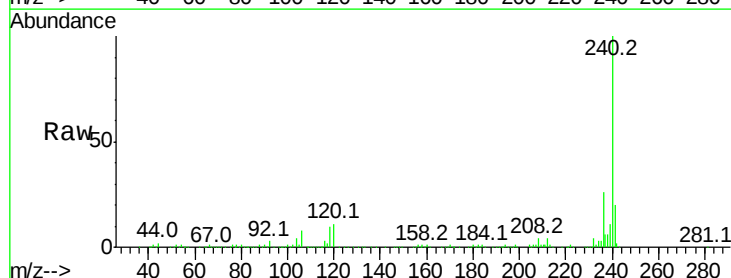


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

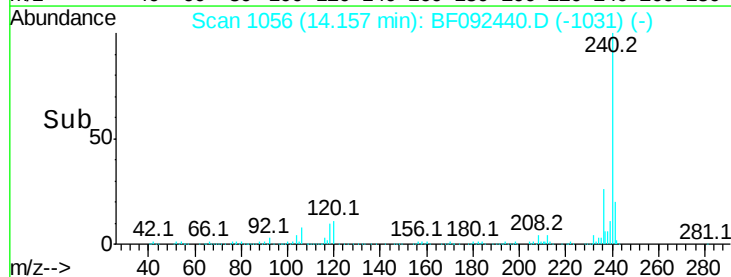
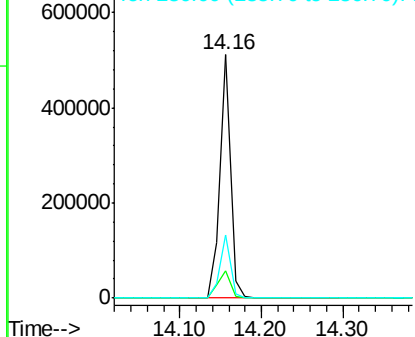


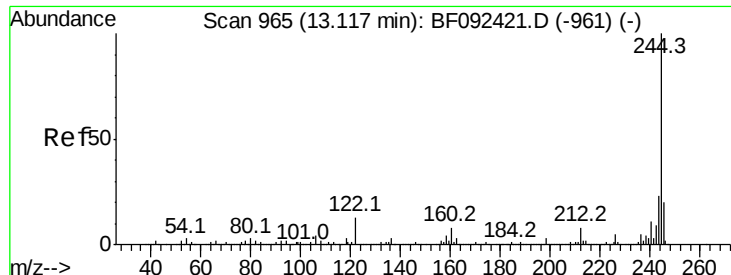
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092440.D
Acq: 24 Jan 2017 20:28

Tgt Ion:240 Resp: 462072
Ion Ratio Lower Upper
240 100
120 11.2 12.9 19.3#
236 25.9 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: 77.44 ng

RT: 13.12 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF092440.D

Acq: 24 Jan 2017 20:28

Instrument :

BNA_F

ClientSampleId :

B2-8-9

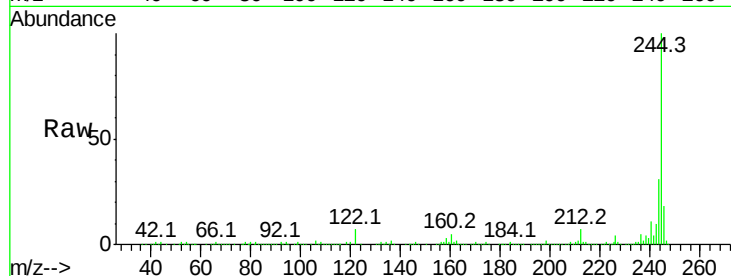
Tot Ion:244 Resp: 1343820

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

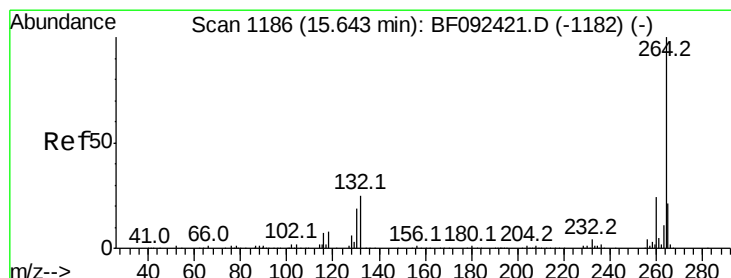
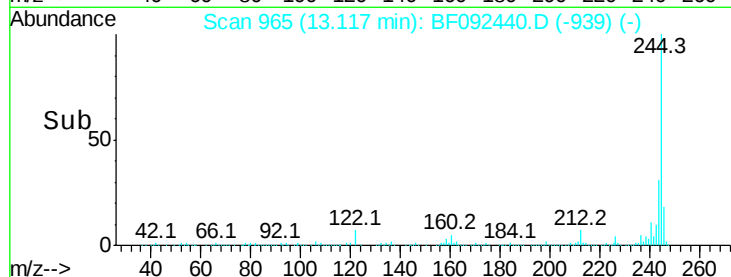
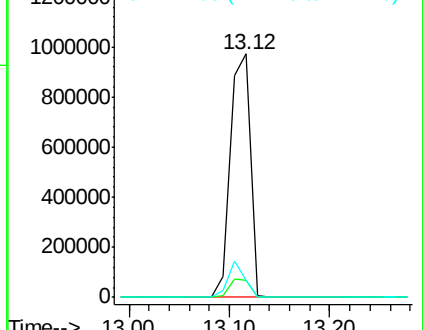
122 7.1 11.4 17.2#



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: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092440.D

Acq: 24 Jan 2017 20:28

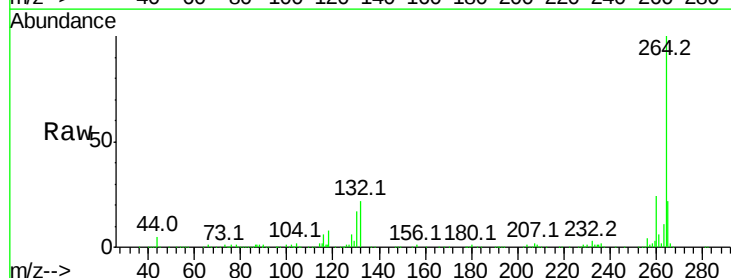
Tgt Ion:264 Resp: 316835

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.8 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

