

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096493.D
 Acq On : 5 Jul 2017 19:28
 Operator : SJ/MA
 Sample : I4052-07 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-070317-C

Quant Time: Jul 06 02:19:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

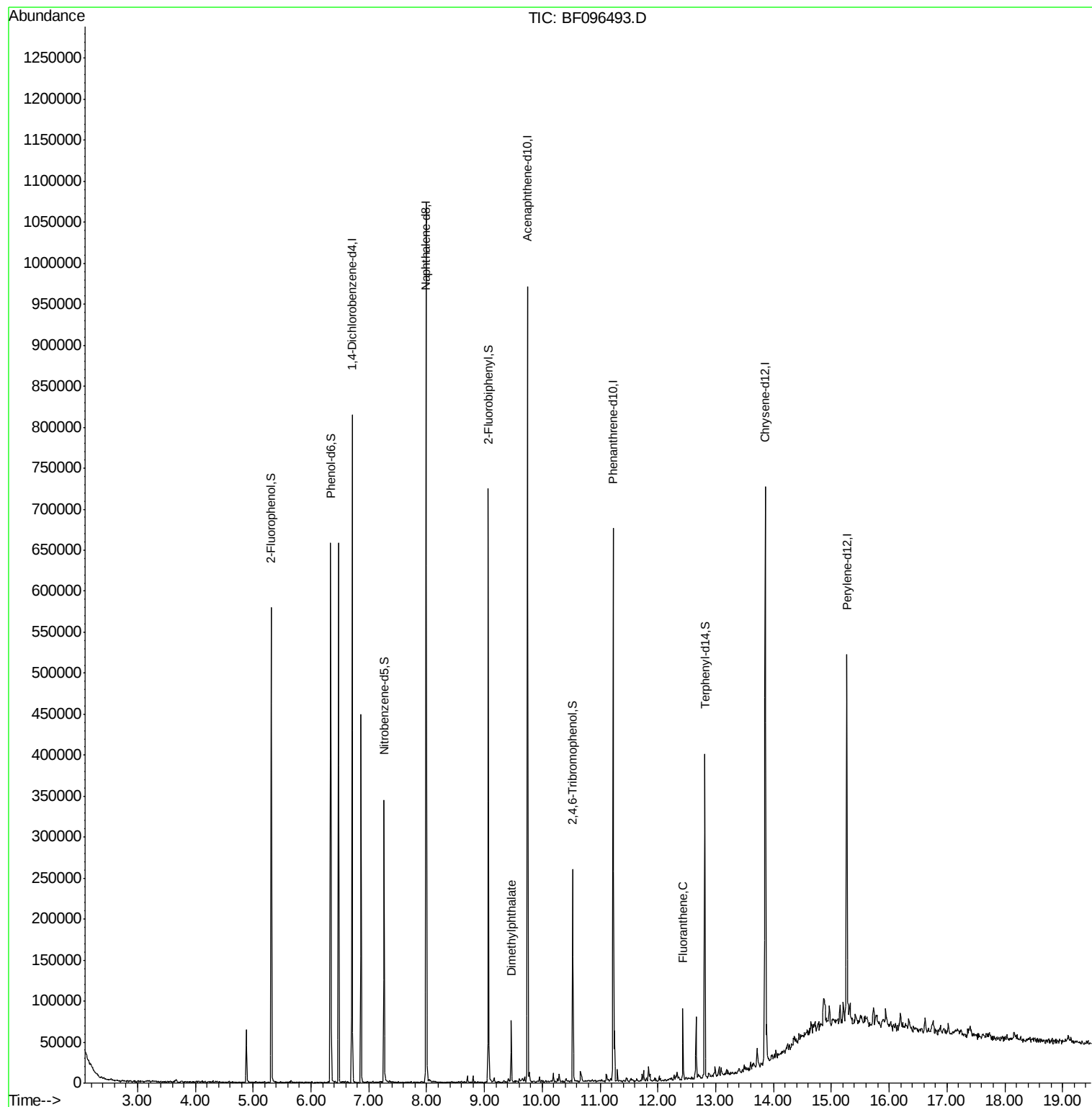
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109651	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	446971	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	174186	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	234320	20.00	ng	0.00
75) Chrysene-d12	13.86	240	216178	20.00	ng	-0.01
86) Perylene-d12	15.27	264	181199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	154309	20.77	ng	-0.01
7) Phenol-d6	6.34	99	185613	20.32	ng	-0.02
23) Nitrobenzene-d5	7.26	82	96363	12.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	24920	18.32	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	201700	19.80	ng	-0.01
78) Terphenyl-d14	12.81	244	112890	11.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	27928	2.15	ng	100
74) Fluoranthene	12.43	202	30642	2.47	ng	97

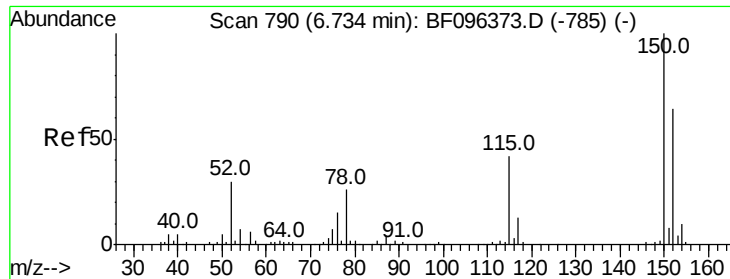
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

Instrument :

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HR-03-070317-C

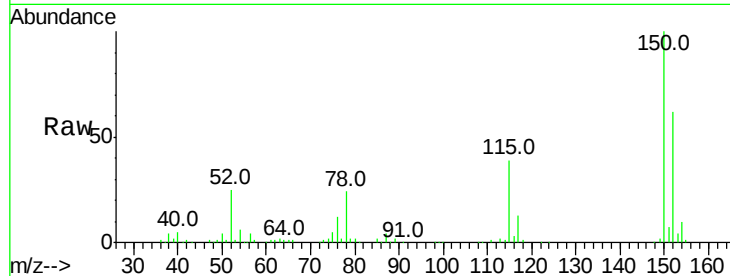
Tot Ion:152 Resp: 109651

Ion Ratio Lower Upper

152 100

150 161.9 126.2 189.2

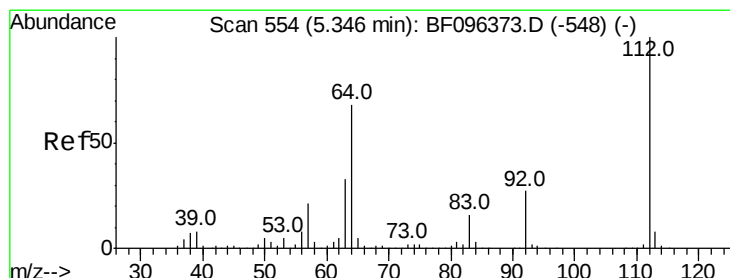
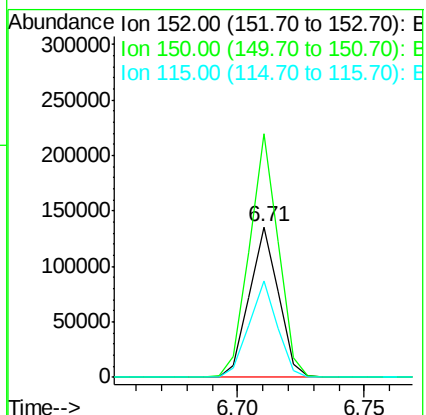
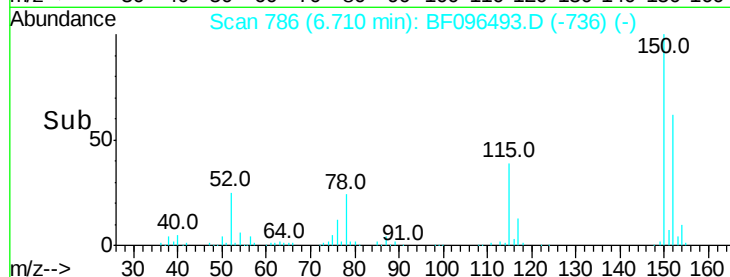
115 64.0 52.2 78.2



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: 20.77 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

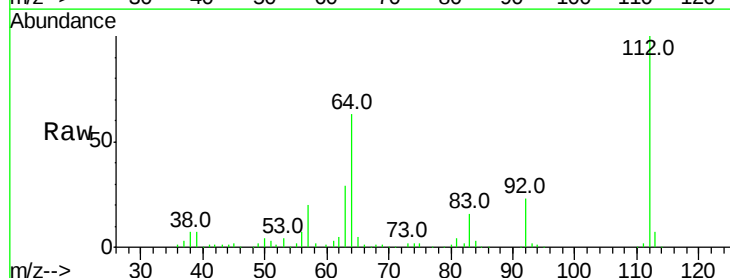
Tgt Ion:112 Resp: 154309

Ion Ratio Lower Upper

112 100

64 62.8 46.0 69.0

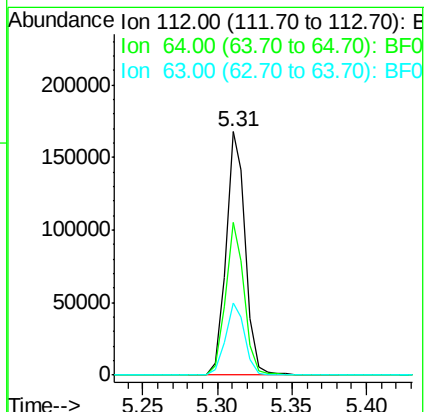
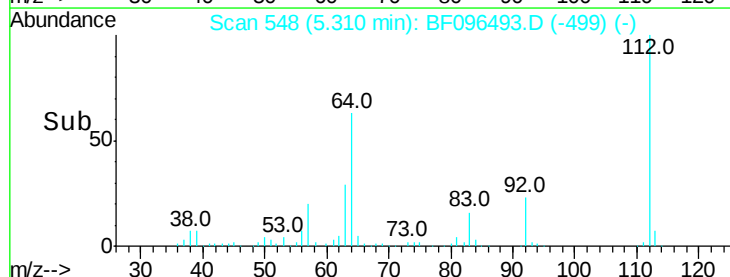
63 29.4 23.4 35.0



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: 20.32 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

Instrument :

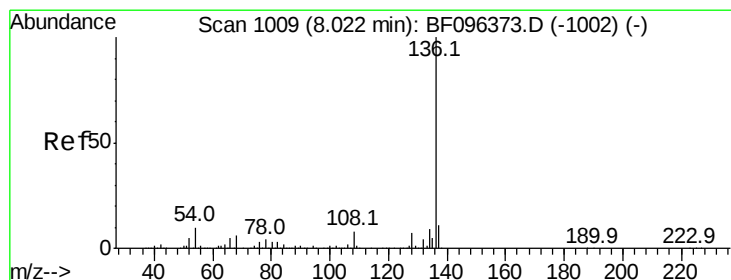
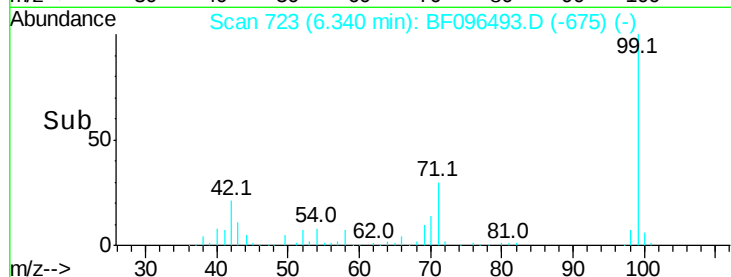
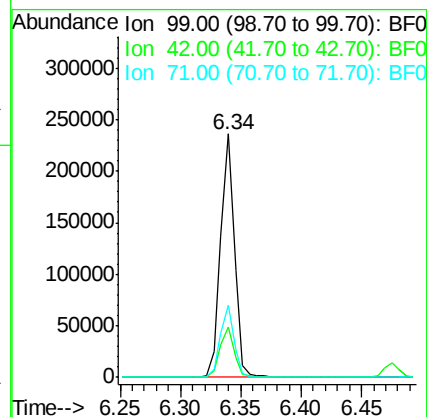
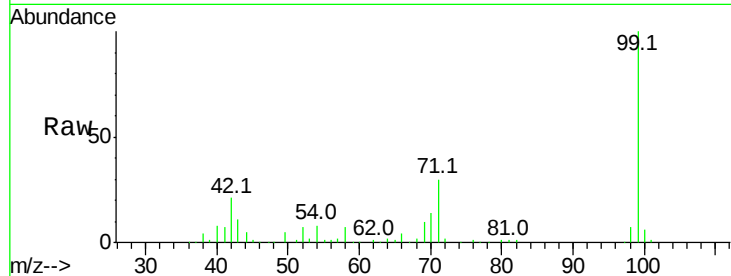
BNA_F

ClientSampleId :

HR-03-070317-C

Tot Ion: 99 Resp: 185613

Ion	Ratio	Lower	Upper
99	100		
42	20.9	13.5	20.3#
71	29.7	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

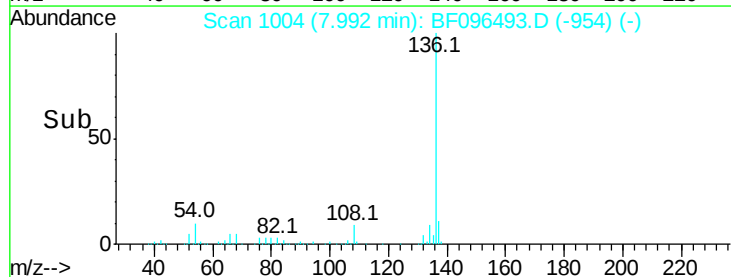
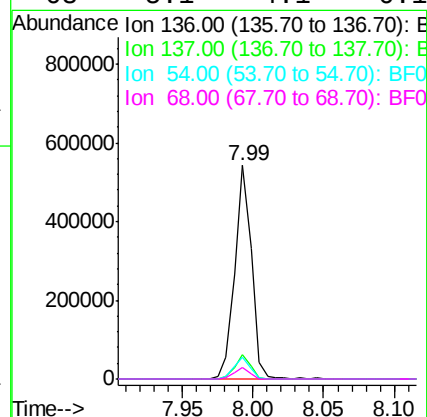
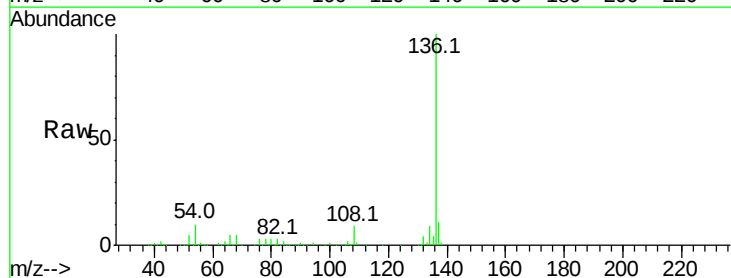
Delta R.T. -0.01 min

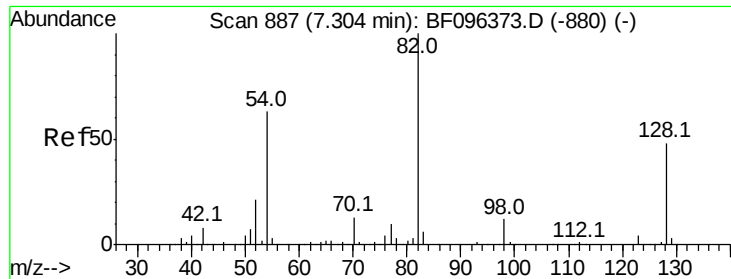
Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

Tgt Ion: 136 Resp: 446971

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.3	4.9	7.3#
68	5.1	4.1	6.1

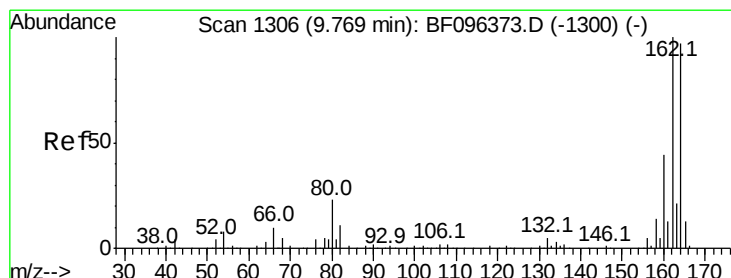
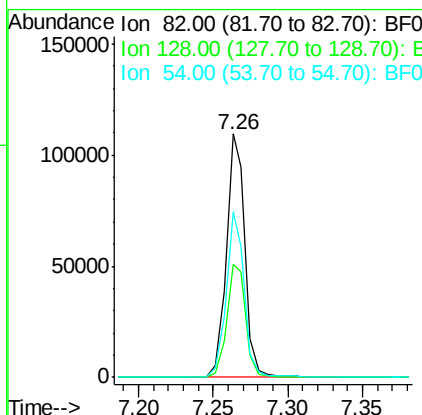
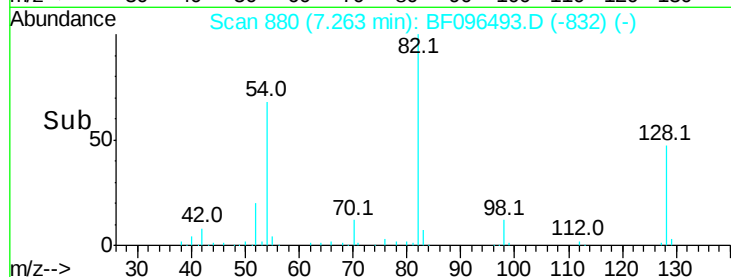
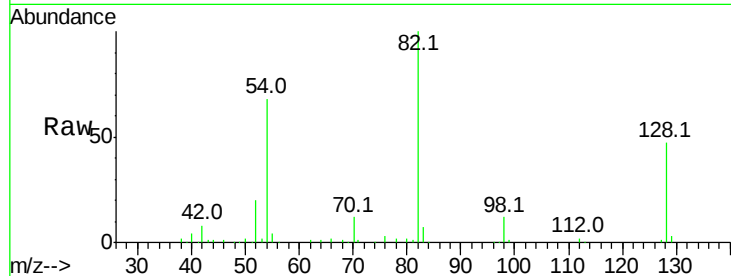




#23
 Nitrobenzene-d5
 Concen: 12.96 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

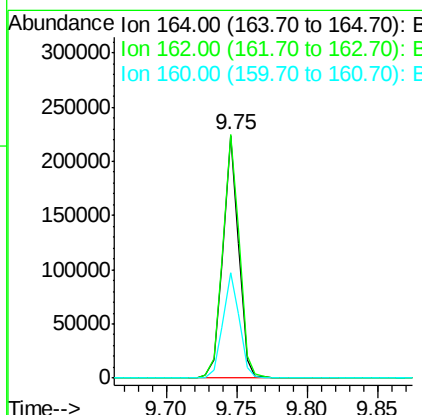
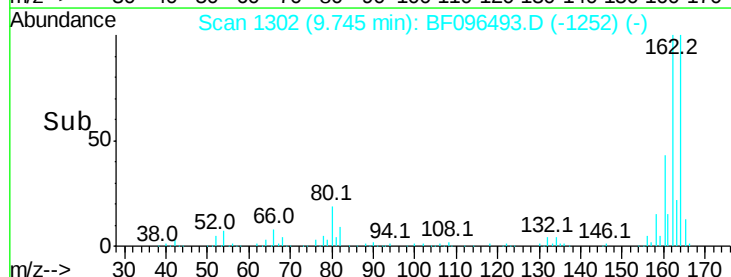
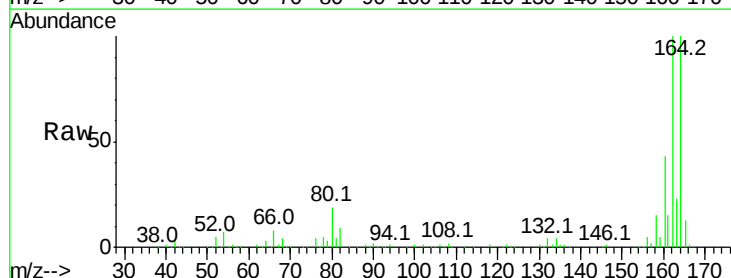
Instrument :
 BNA_F
 ClientSampleId :
 HR-03-070317-C

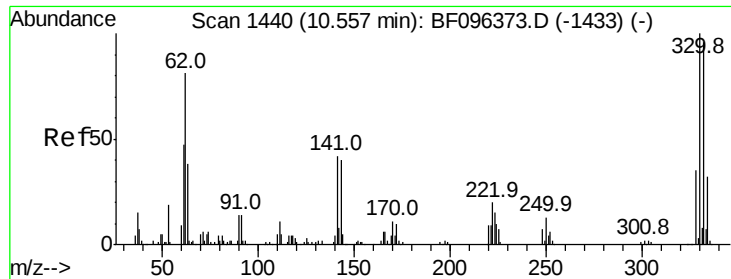
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	67.7	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	43.4	36.2	54.2

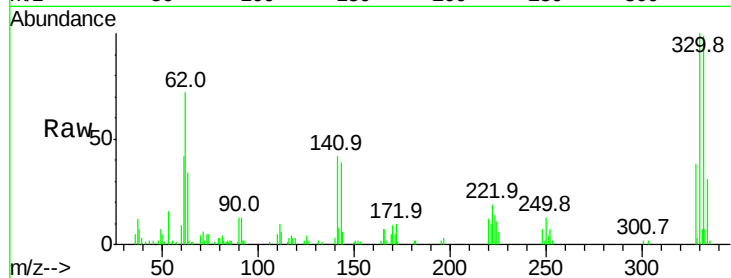




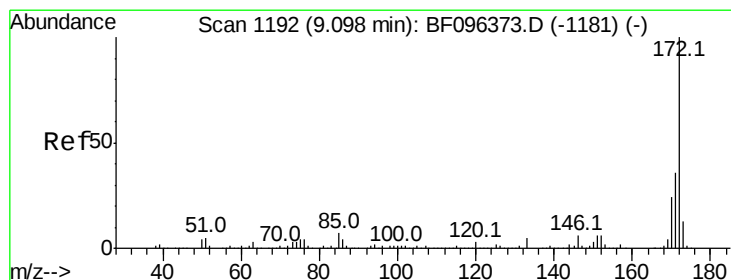
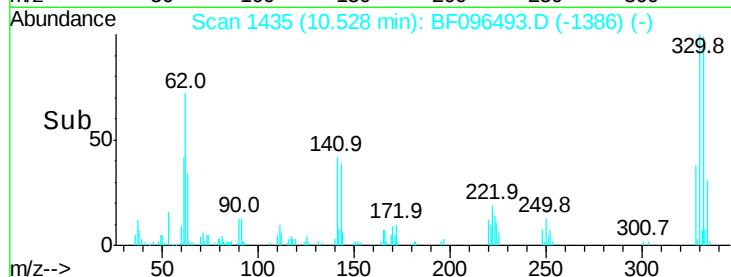
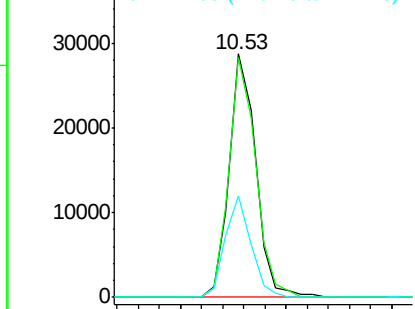
#41
 2,4,6-Tribromophenol
 Concen: 18.32 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-070317-C

Tot Ion:330 Resp: 24920
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.6 115.0
 141 40.4 31.4 47.2

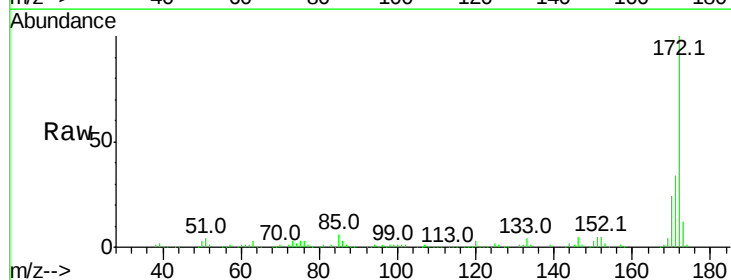


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

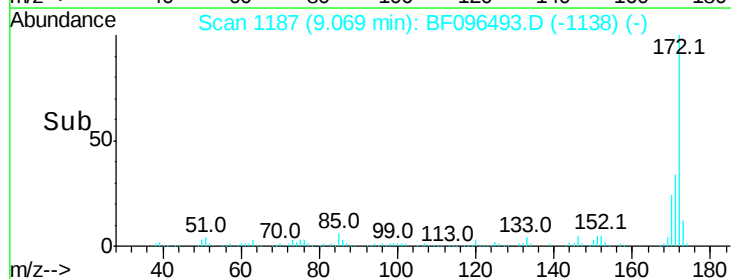
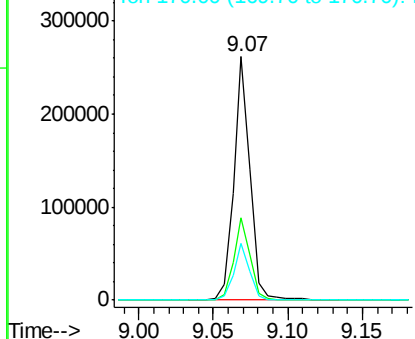


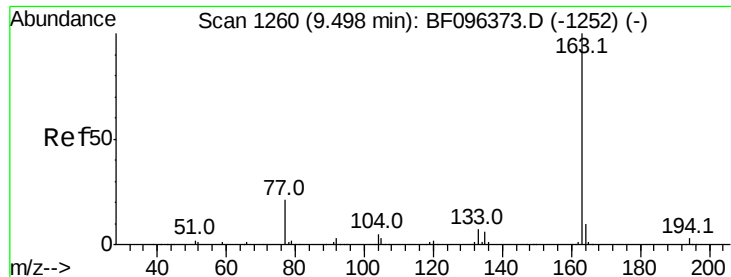
#44
 2-Fluorobiphenyl
 Concen: 19.80 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Tgt Ion:172 Resp: 201700
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.6 44.4
 170 23.5 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

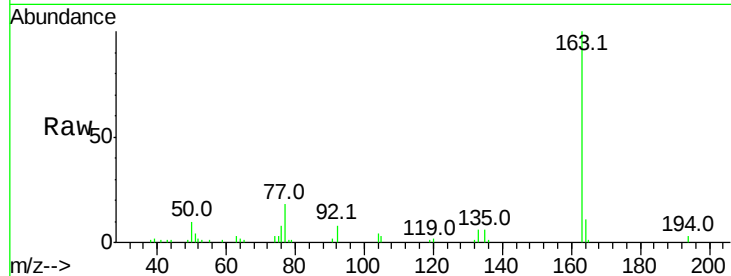




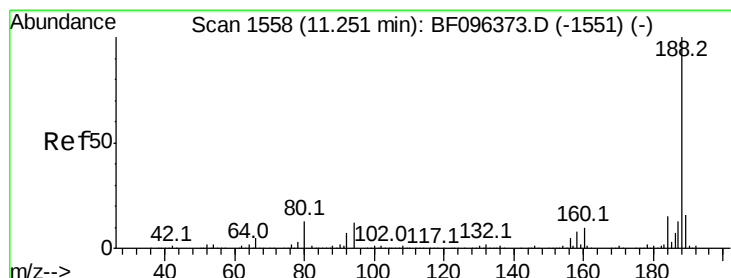
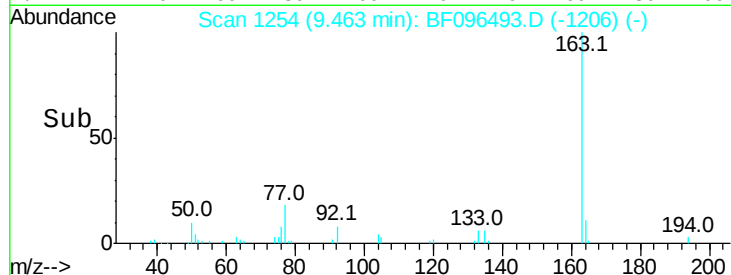
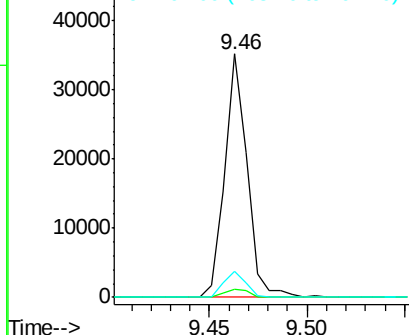
#49
Dimethylphthalate
Concen: 2.15 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096493.D
Acq: 5 Jul 2017 19:28

Instrument :
BNA_F
ClientSampleId :
HR-03-070317-C

Tot Ion:163 Resp: 27928
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.4 12.6

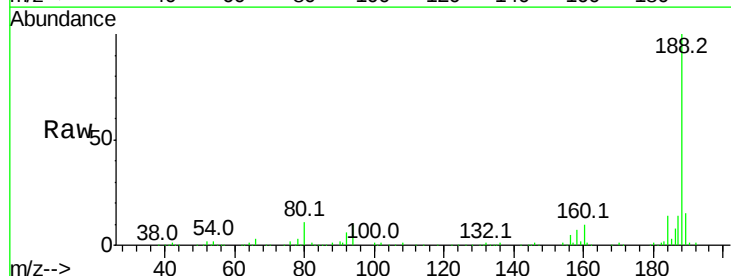


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

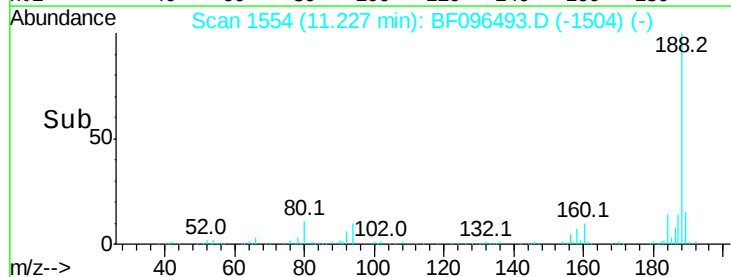
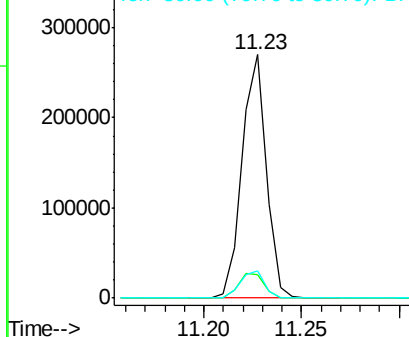


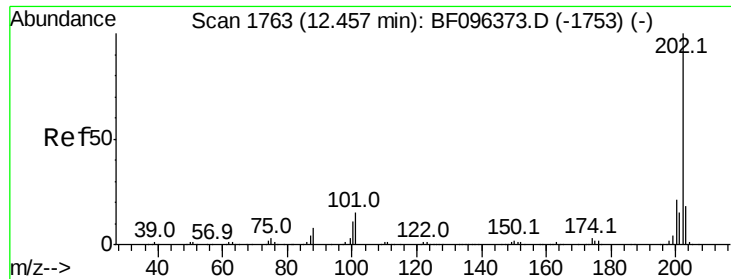
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096493.D
Acq: 5 Jul 2017 19:28

Tgt Ion:188 Resp: 234320
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.1 10.2 15.2



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

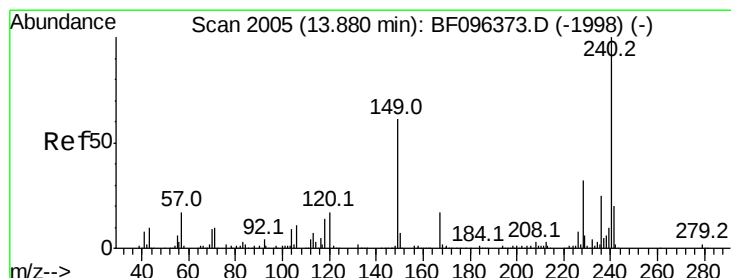
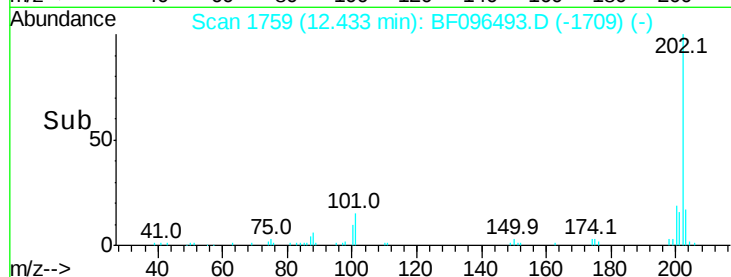
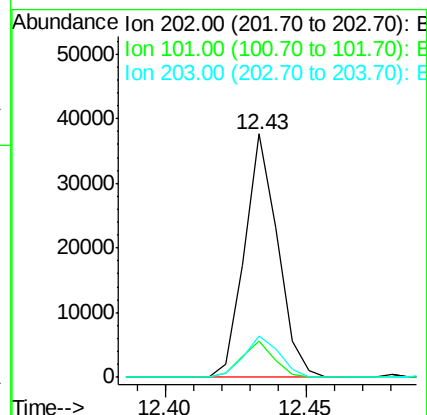
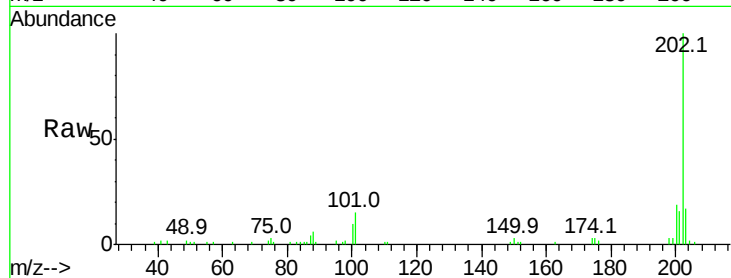




#74
Fluoranthene
 Concen: 2.47 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

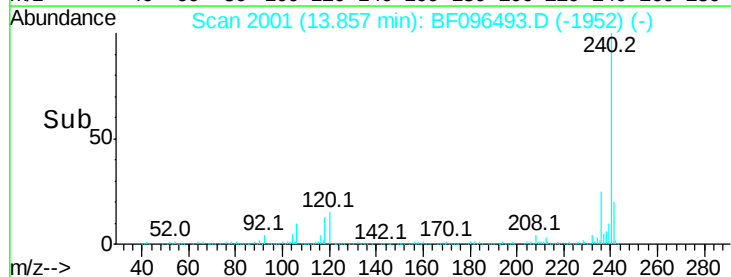
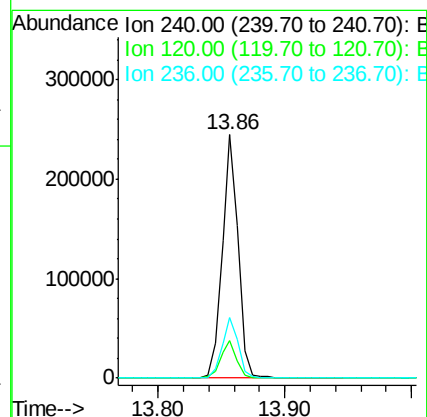
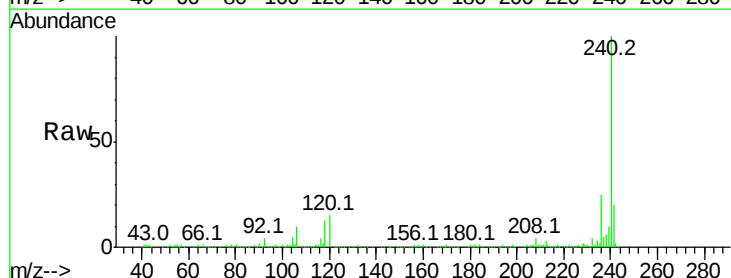
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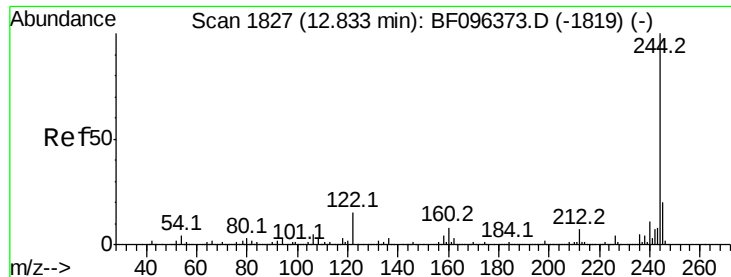
Tot Ion:202 Resp: 30642
 Ion Ratio Lower Upper
 202 100
 101 14.8 0.0 33.2
 203 17.0 0.0 38.1



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Tgt Ion:240 Resp: 216178
 Ion Ratio Lower Upper
 240 100
 120 15.2 5.8 8.8#
 236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 11.16 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

Instrument :

BNA_F

ClientSampleId :

HR-03-070317-C

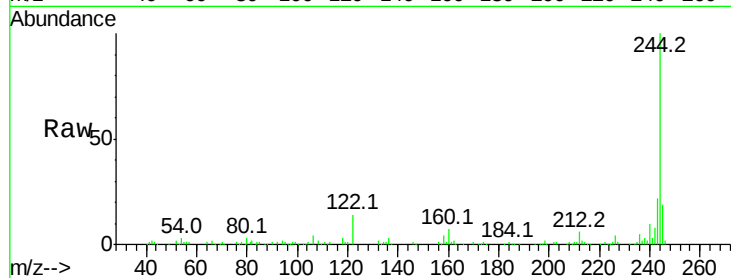
Tot Ion:244 Resp: 112890

Ion Ratio Lower Upper

244 100

212 5.6 6.0 9.0#

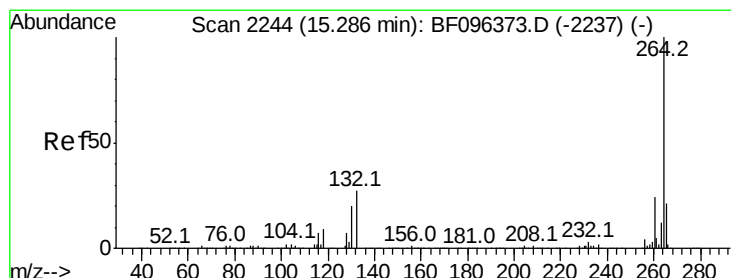
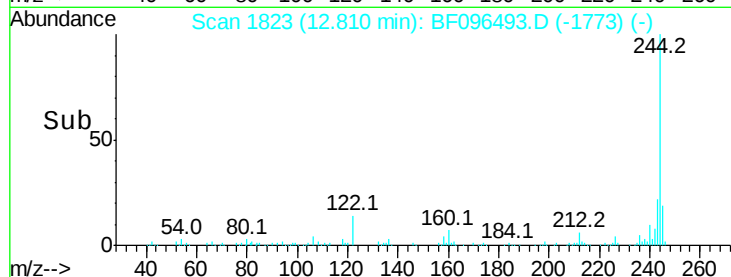
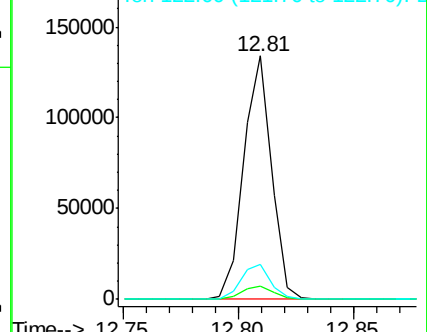
122 14.3 10.3 15.5



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

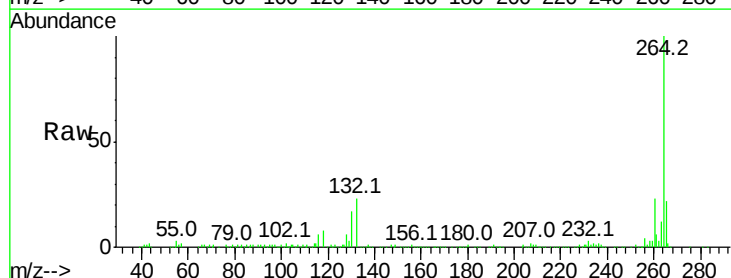
Tgt Ion:264 Resp: 181199

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 22.2 17.2 25.8



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

