

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093696.D
 Acq On : 16 Mar 2017 6:56
 Operator : SJ/MA
 Sample : I2162-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031317-PRRT-F-U-M

Quant Time: Mar 16 07:29:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

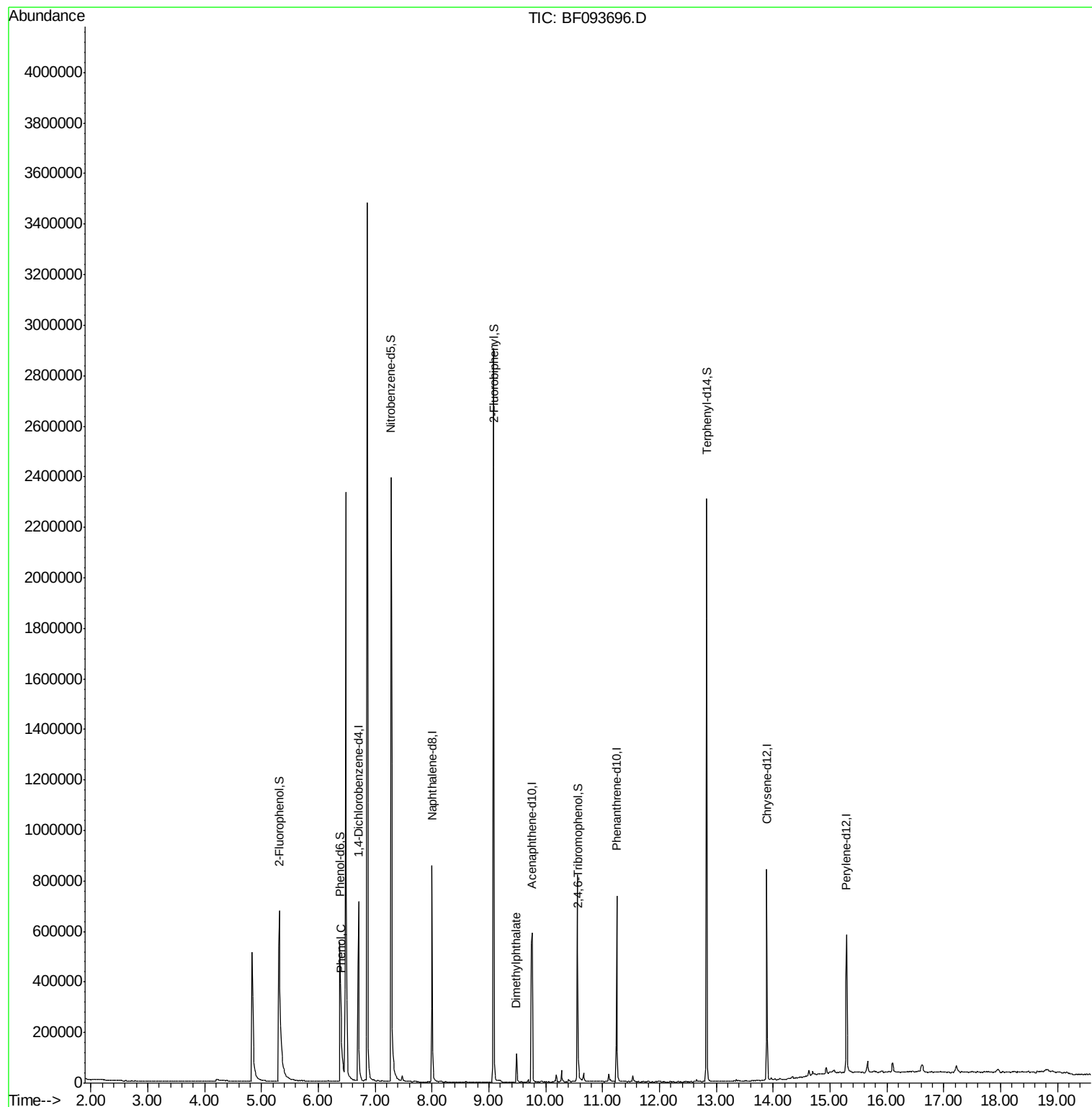
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	145145	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	467564	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	178069	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	287620	20.00	ng	0.00
75) Chrysene-d12	13.89	240	305664	20.00	ng	0.00
86) Perylene-d12	15.29	264	259894	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	441312	50.60	ng	0.00
7) Phenol-d6	6.38	99	361662	32.89	ng	0.00
23) Nitrobenzene-d5	7.28	82	981129	116.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	124543	107.35	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1331507	139.08	ng	0.00
78) Terphenyl-d14	12.84	244	983643	83.67	ng	0.01
Target Compounds						
10) Phenol	6.40	94	40764	3.02	ng	91
49) Dimethylphthalate	9.49	163	54343	4.60	ng	99

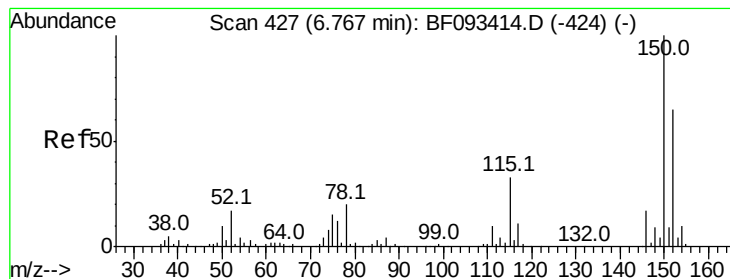
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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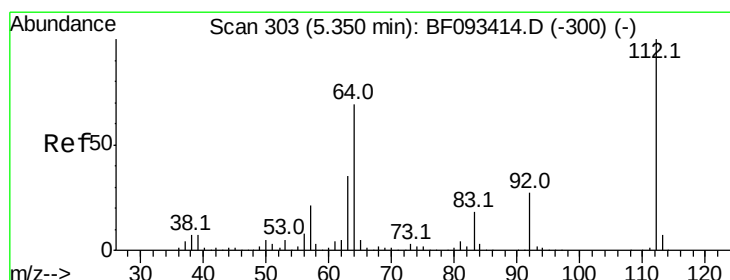
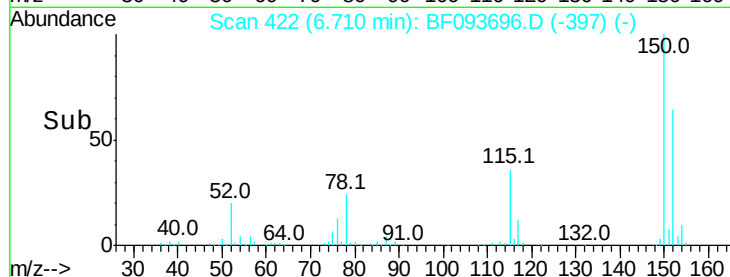
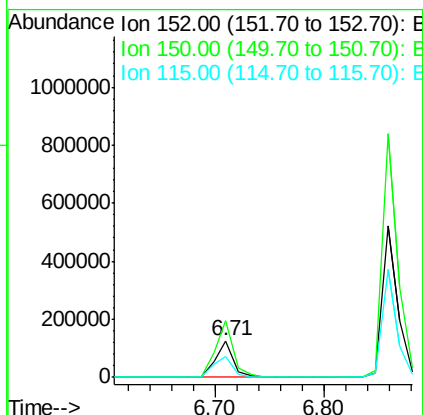
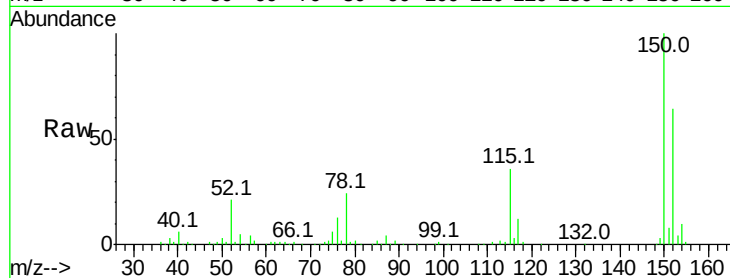


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093696.D
Acq: 16 Mar 2017 6:56

Instrument :
BNA_F
ClientSampleId :
031317-PRRT-F-U-M

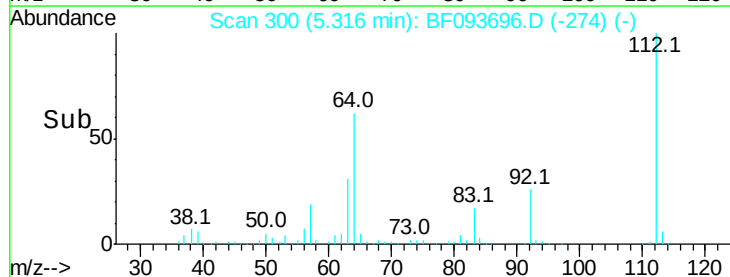
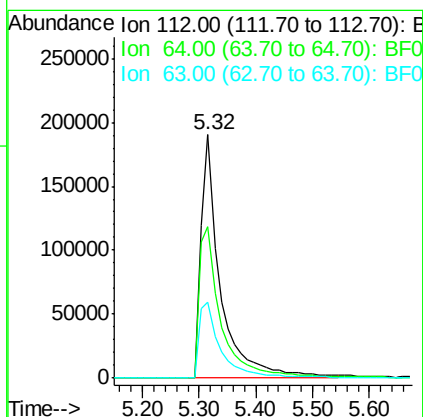
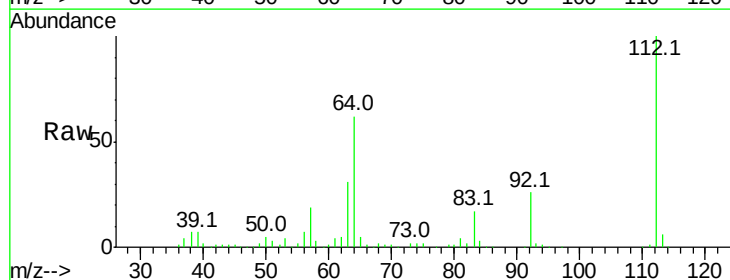
Tot Ion:152 Resp: 145145
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 56.6 46.0 69.0

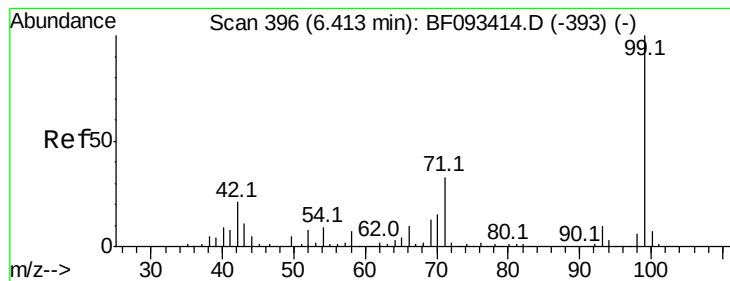


#5

2-Fluorophenol
Concen: 50.60 ng
RT: 5.32 min Scan# 300
Delta R.T. 0.00 min
Lab File: BF093696.D
Acq: 16 Mar 2017 6:56

Tgt Ion:112 Resp: 441312
Ion Ratio Lower Upper
112 100
64 62.2 46.1 69.1
63 31.2 23.8 35.6





#7

Phenol-d6

Concen: 32.89 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093696.D

Acq: 16 Mar 2017 6:56

Instrument :

BNA_F

ClientSampleId :

031317-PRRT-F-U-M

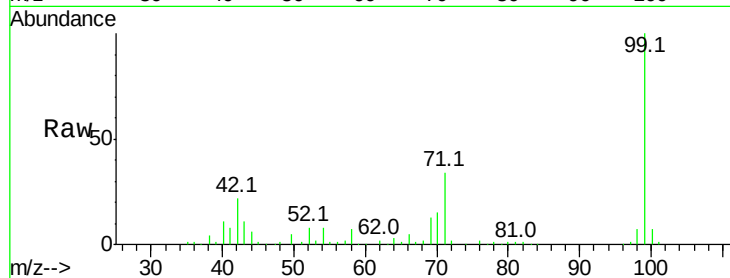
Tot Ion: 99 Resp: 361662

Ion Ratio Lower Upper

99 100

42 21.9 15.6 23.4

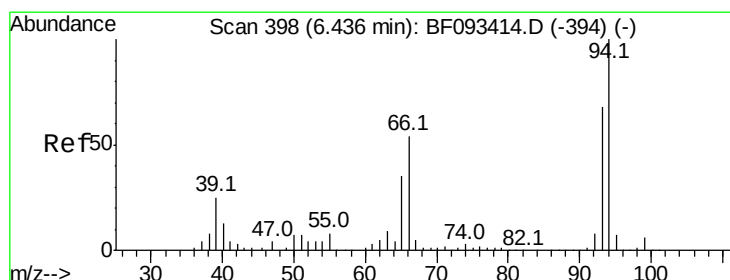
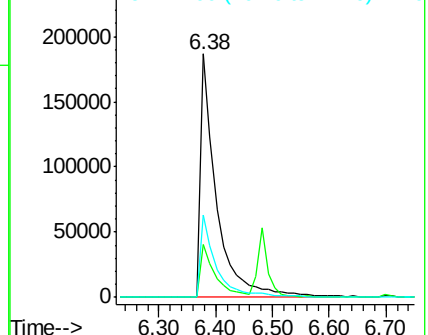
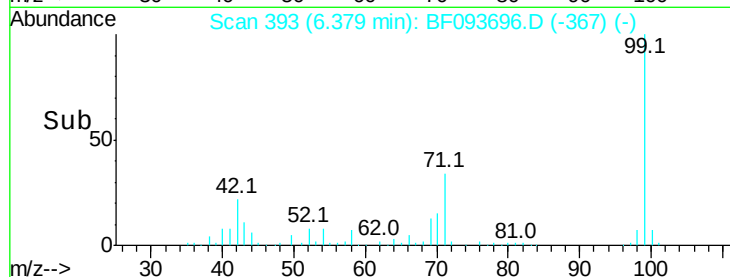
71 33.9 27.5 41.3



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: 3.02 ng

RT: 6.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF093696.D

Acq: 16 Mar 2017 6:56

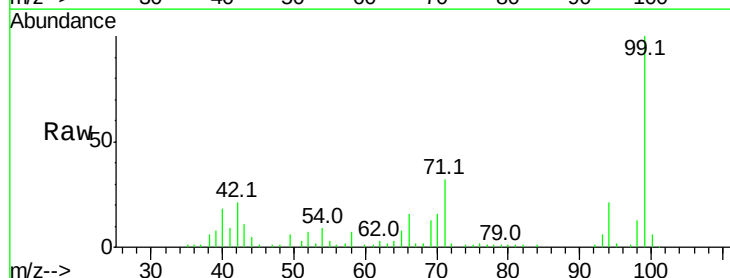
Tgt Ion: 94 Resp: 40764

Ion Ratio Lower Upper

94 100

65 37.9 21.4 61.4

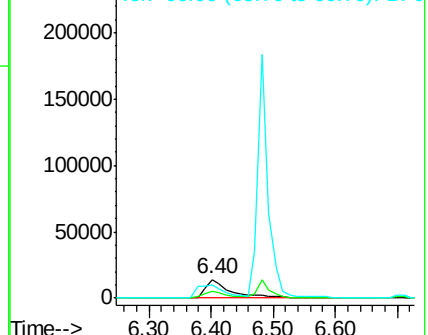
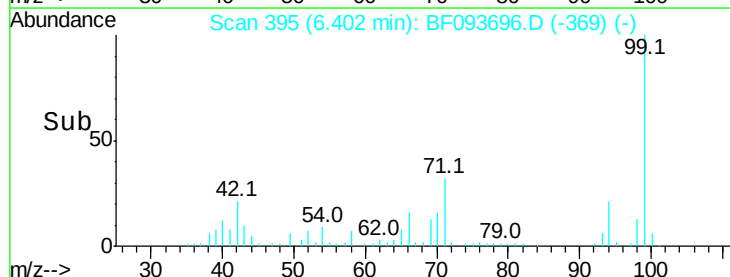
66 73.2 44.0 84.0

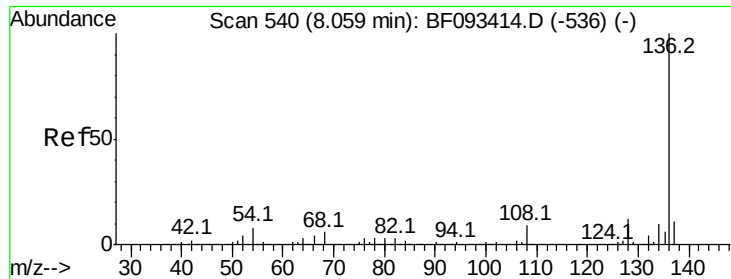


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

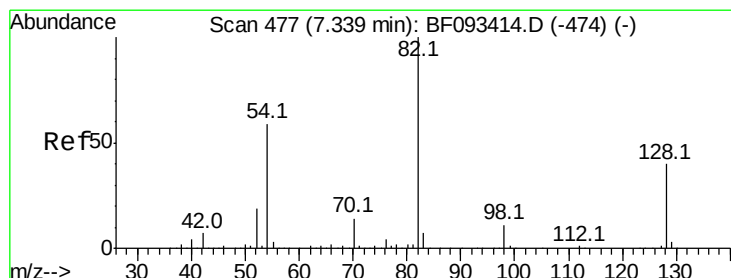
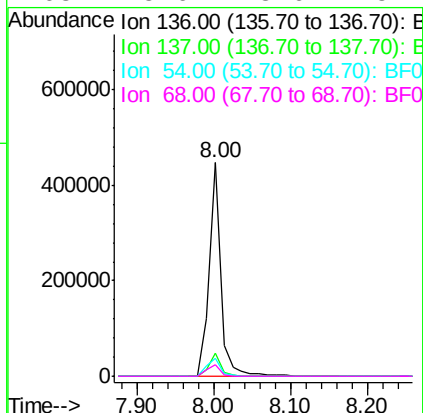
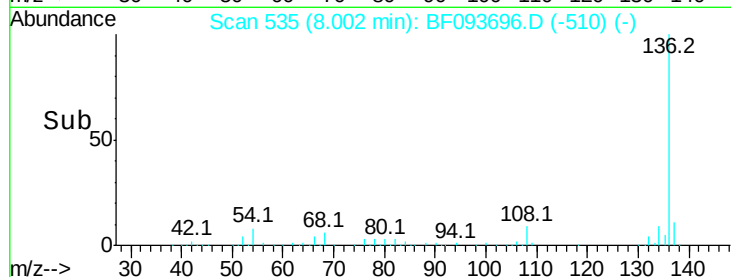
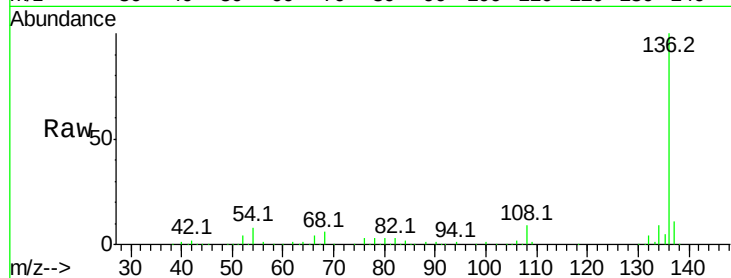




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093696.D
Acq: 16 Mar 2017 6:56

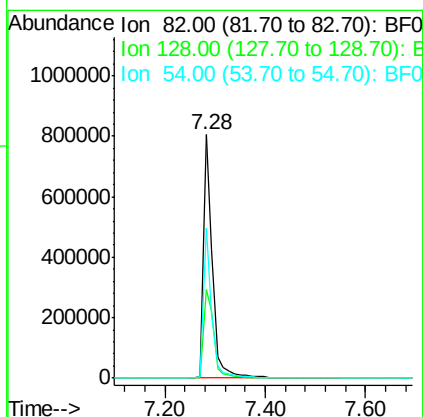
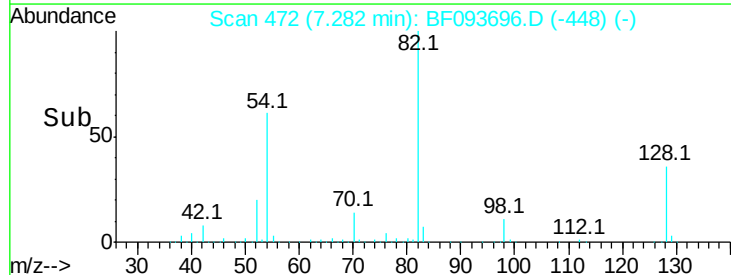
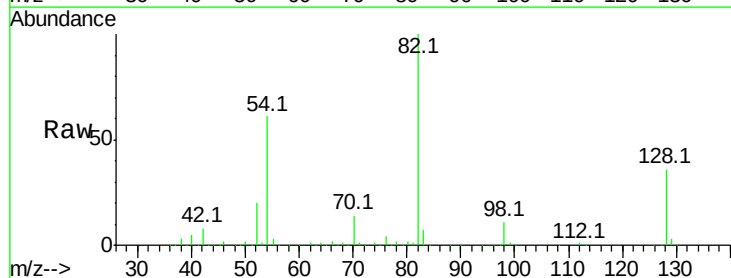
Instrument :
BNA_F
ClientSampleId :
031317-PRRT-F-U-M

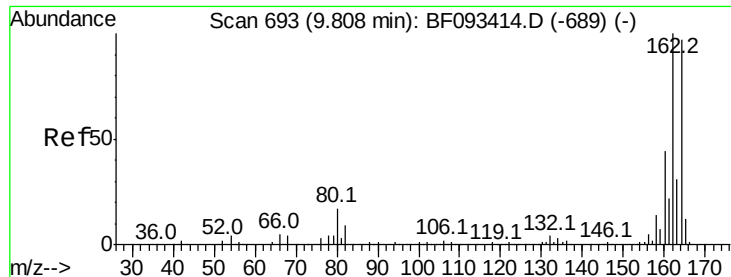
Tot Ion:136	Resp:	467564
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.4 12.6
54	8.3	4.5 6.7#
68	5.6	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 116.43 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093696.D
Acq: 16 Mar 2017 6:56

Tgt Ion: 82	Resp:	981129
Ion Ratio	Lower	Upper
82	100	
128	36.2	34.6 52.0
54	61.4	39.5 59.3#

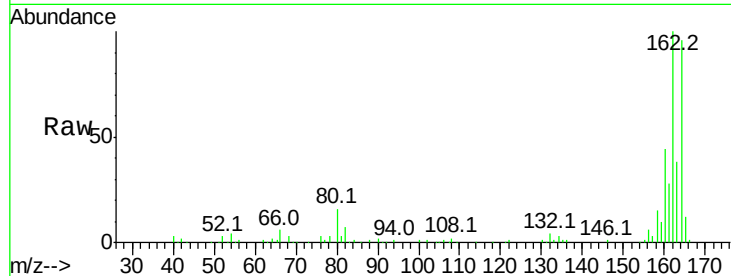




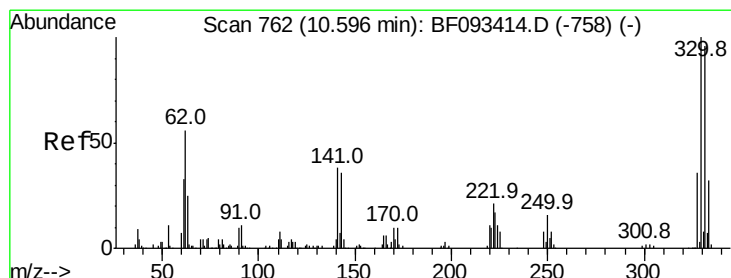
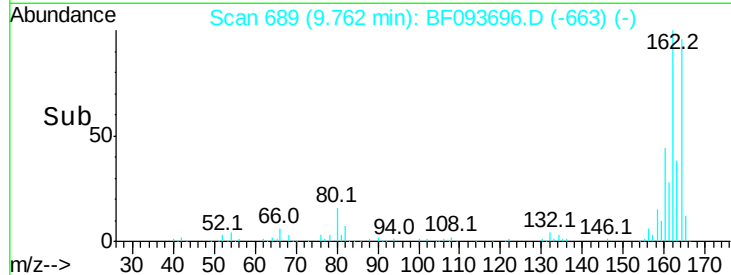
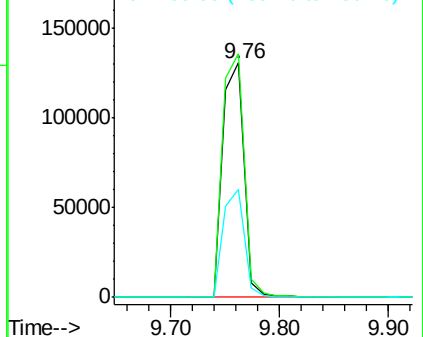
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093696.D
 Acq: 16 Mar 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 031317-PRRT-F-U-M

Tot Ion:164 Resp: 178069
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.2 120.2
 160 46.1 36.9 55.3

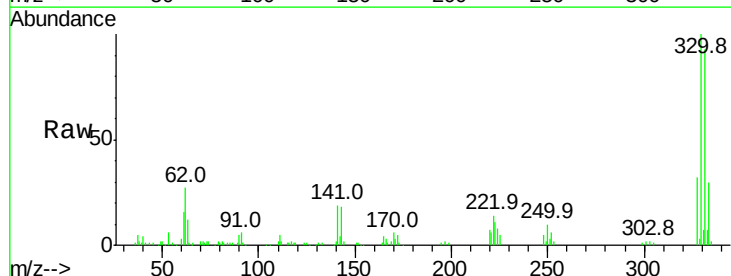


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

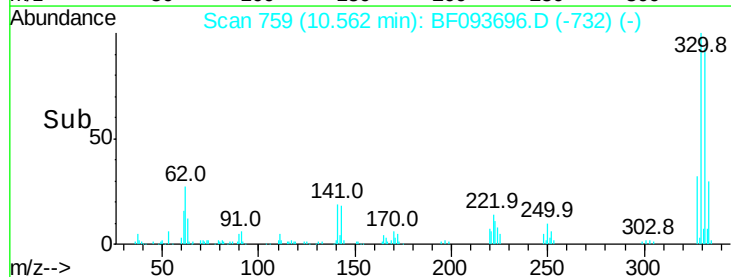
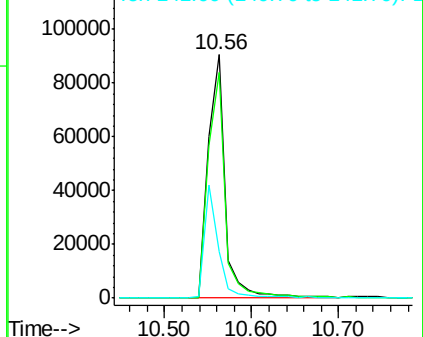


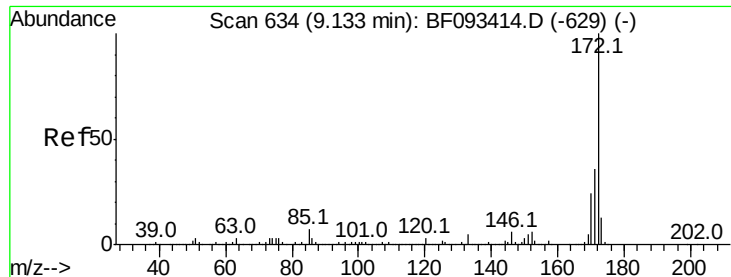
#41
 2,4,6-Tribromophenol
 Concen: 107.35 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093696.D
 Acq: 16 Mar 2017 6:56

Tgt Ion:330 Resp: 124543
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.4 116.2
 141 37.9 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

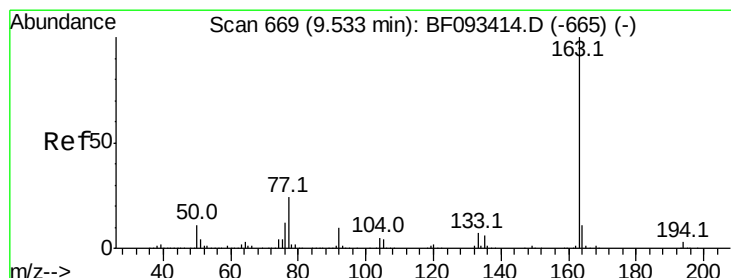
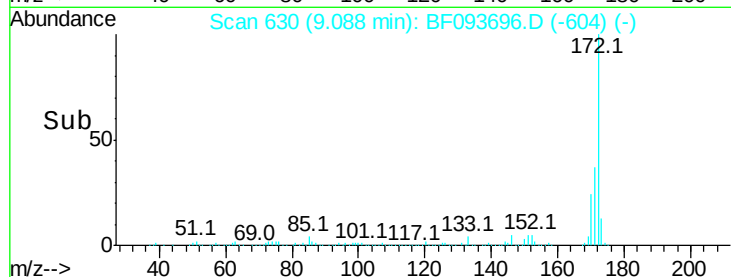
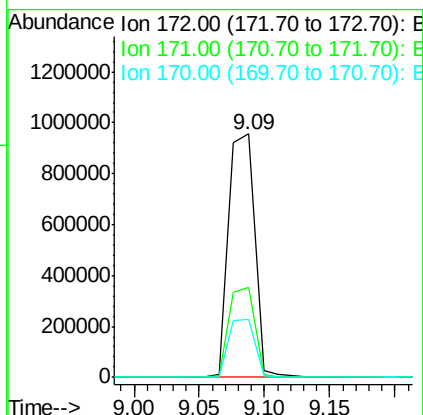
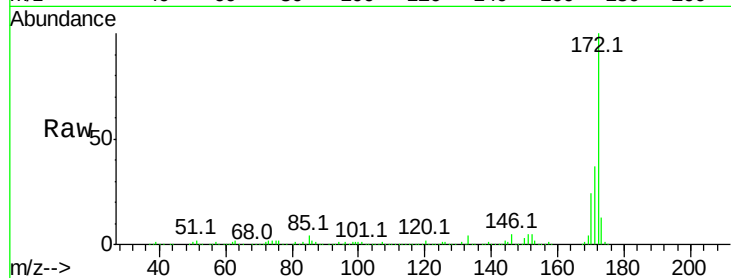




#44
2-Fluorobiphenyl
Concen: 139.08 ng
RT: 9.09 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF093696.D
Acq: 16 Mar 2017 6:56

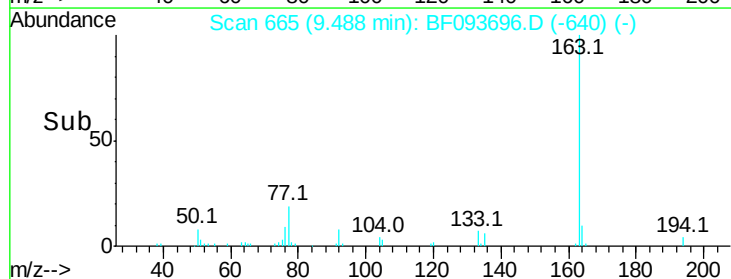
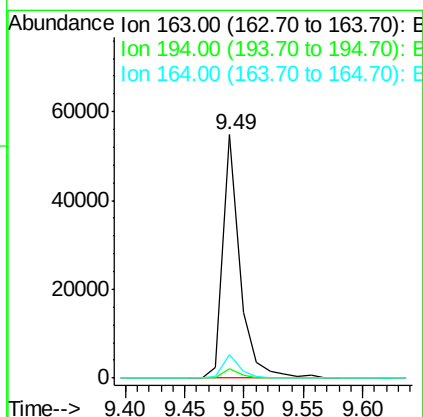
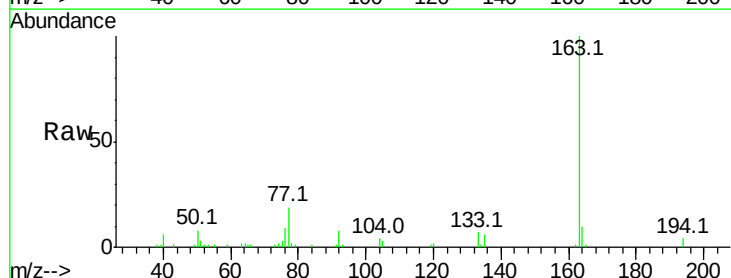
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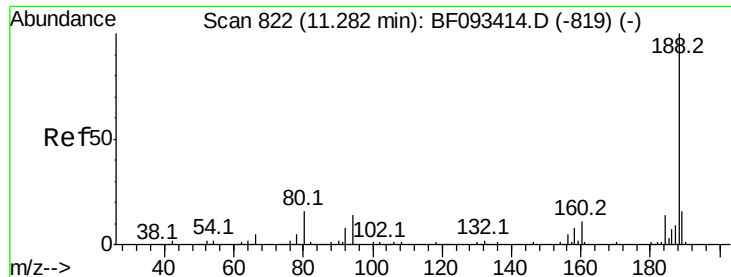
Tot Ion:172 Resp: 1331507
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 23.7 20.2 30.4



#49
Dimethylphthalate
Concen: 4.60 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093696.D
Acq: 16 Mar 2017 6:56

Tgt Ion:163 Resp: 54343
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.7 8.0 12.0

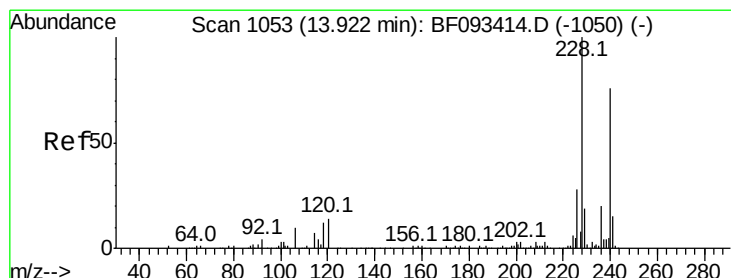
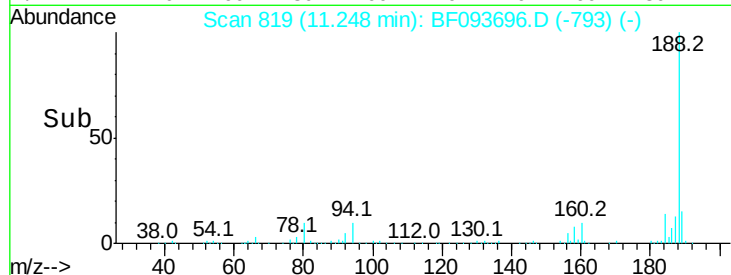
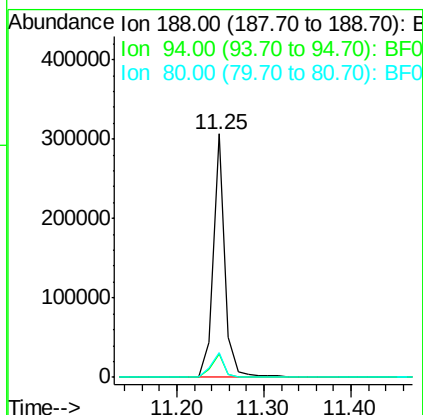
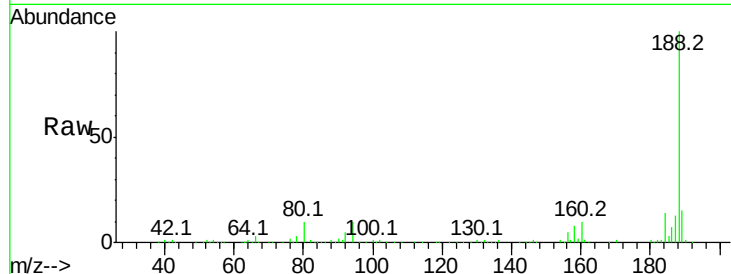




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093696.D
Acq: 16 Mar 2017 6:56

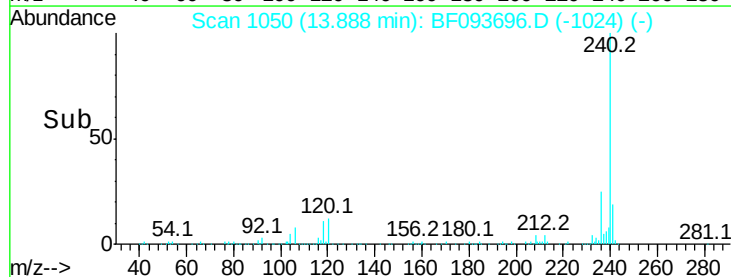
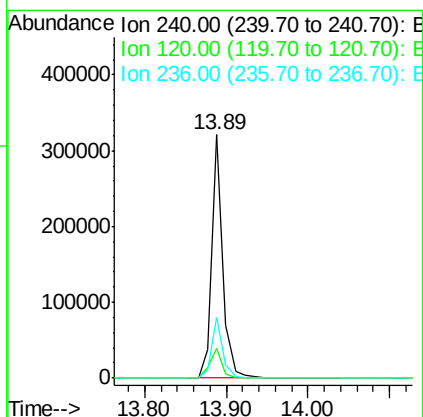
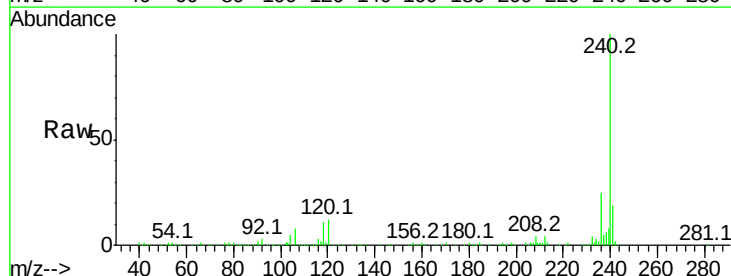
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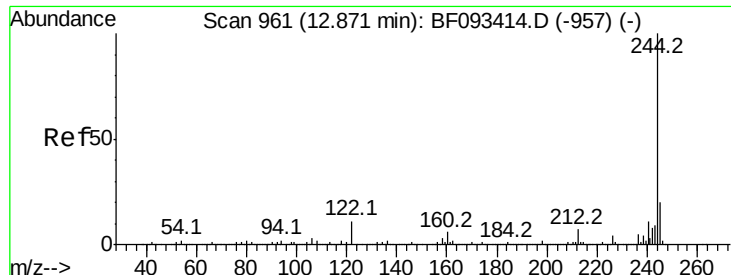
Tot Ion:188 Resp: 287620
Ion Ratio Lower Upper
188 100
94 9.7 10.0 15.0#
80 10.1 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF093696.D
Acq: 16 Mar 2017 6:56

Tgt Ion:240 Resp: 305664
Ion Ratio Lower Upper
240 100
120 12.3 12.9 19.3#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 83.67 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093696.D

Acq: 16 Mar 2017 6:56

Instrument :

BNA_F

ClientSampleId :

031317-PRRT-F-U-M

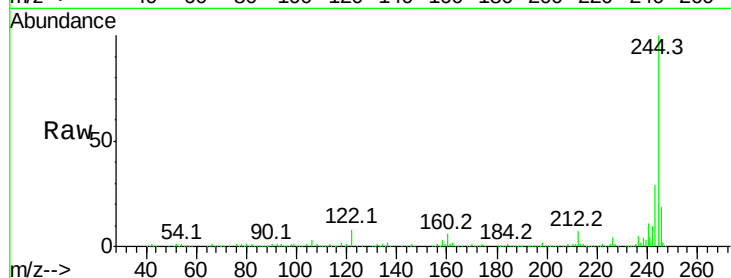
Tot Ion:244 Resp: 983643

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

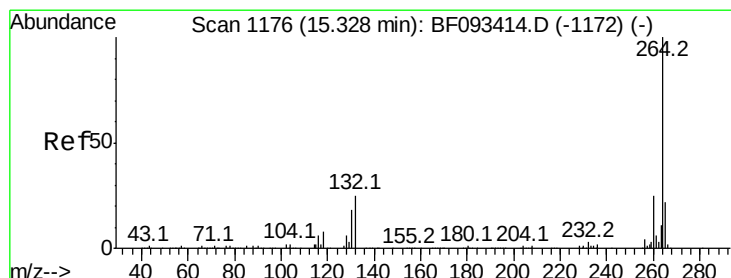
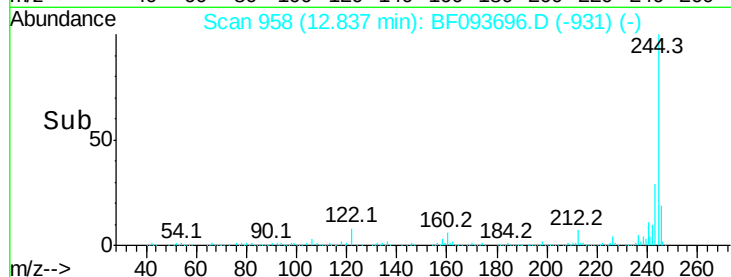
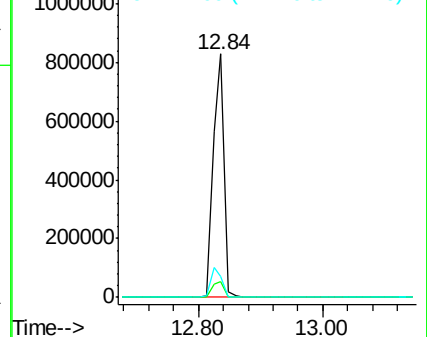
122 8.5 11.4 17.2#



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: 15.29 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF093696.D

Acq: 16 Mar 2017 6:56

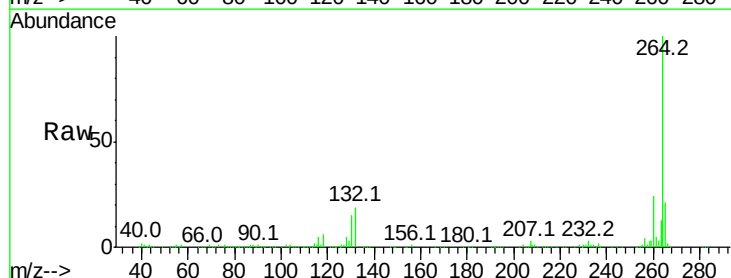
Tgt Ion:264 Resp: 259894

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 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

