

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089889.D
 Acq On : 24 Aug 2016 21:46
 Operator : UM/SJ
 Sample : H4576-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Quant Time: Aug 25 16:16:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

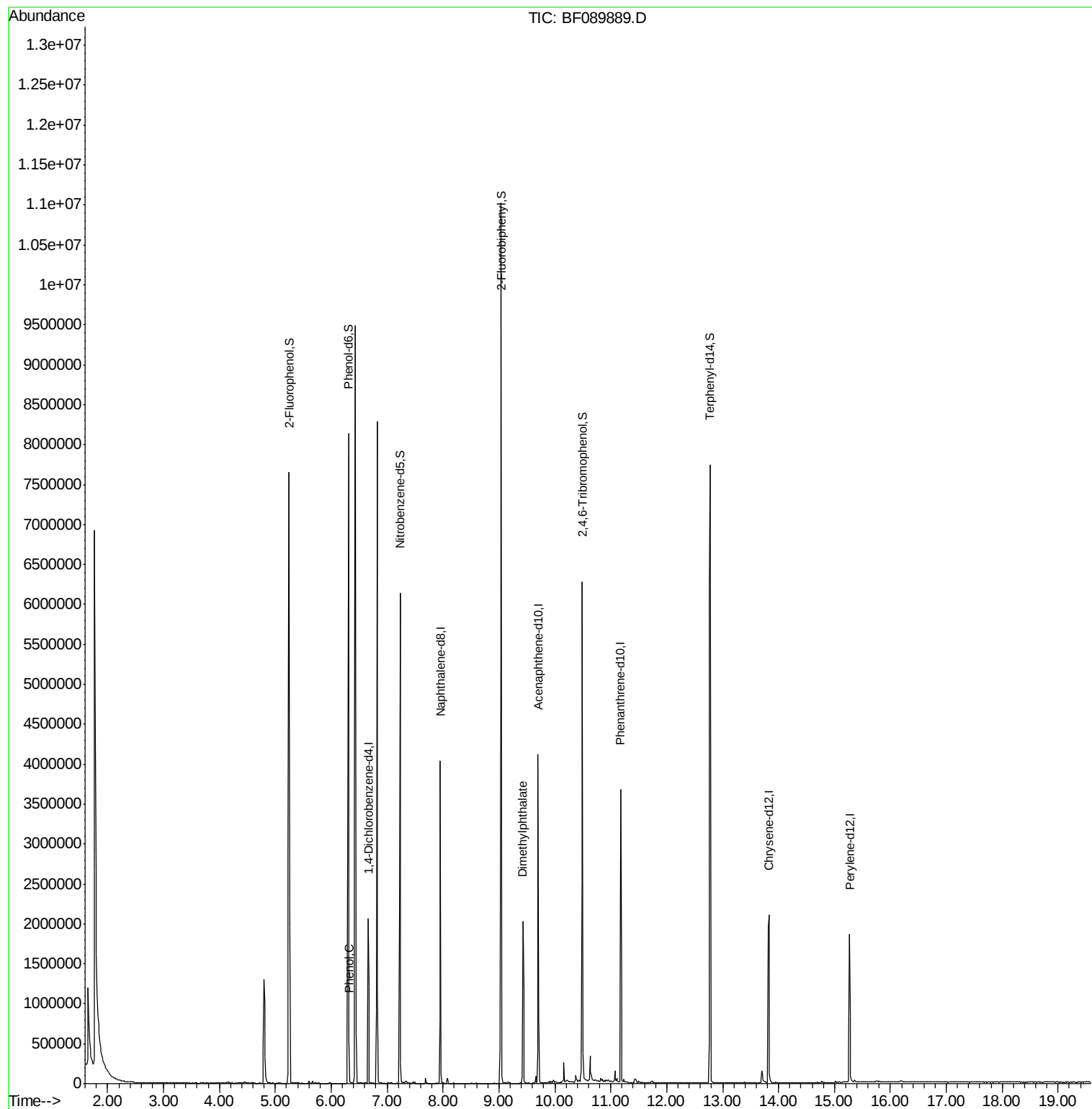
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	401838	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1754240	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	778834	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1401481	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1080233	20.00	ng	-0.05
86) Perylene-d12	15.27	264	833244	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2796577	119.35	ng	-0.01
7) Phenol-d6	6.31	99	3361652	116.87	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2122663	75.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	803450	108.55	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3909130	88.22	ng	-0.01
78) Terphenyl-d14	12.78	244	3242842	67.91	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	95153	2.82	ng	76
49) Dimethylphthalate	9.43	163	1072623	19.56	ng	99

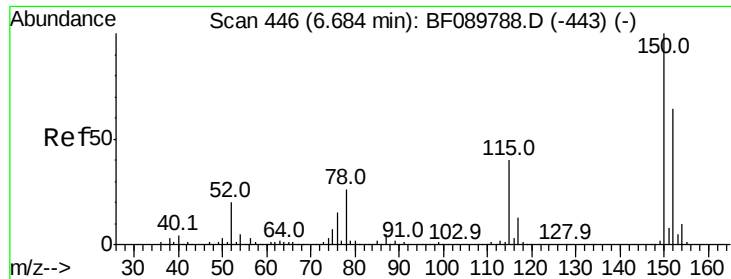
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089889.D

Acq: 24 Aug 2016 21:46

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

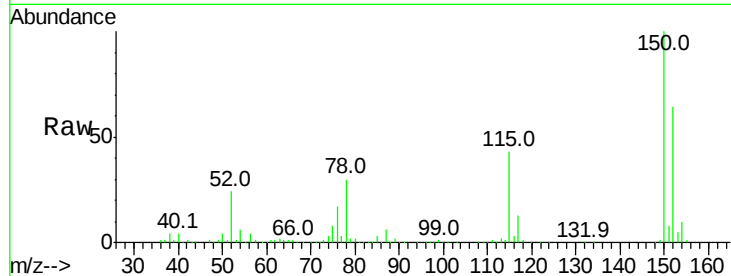
Tot Ion:152 Resp: 401838

Ion Ratio Lower Upper

152 100

150 157.1 125.3 187.9

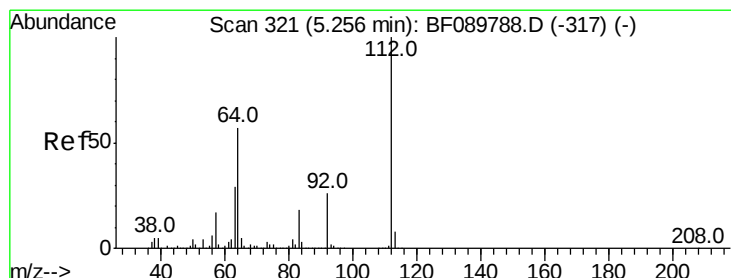
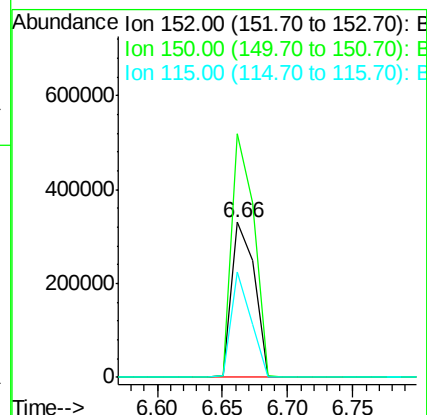
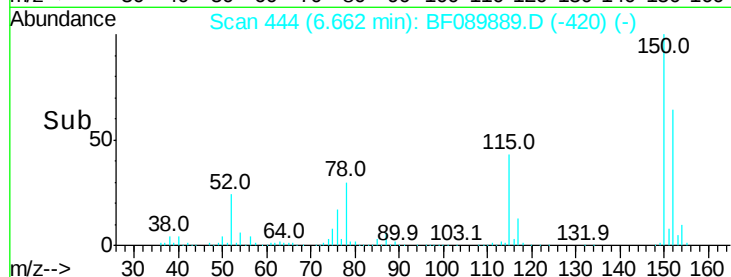
115 68.2 40.9 61.3#



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: 119.35 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089889.D

Acq: 24 Aug 2016 21:46

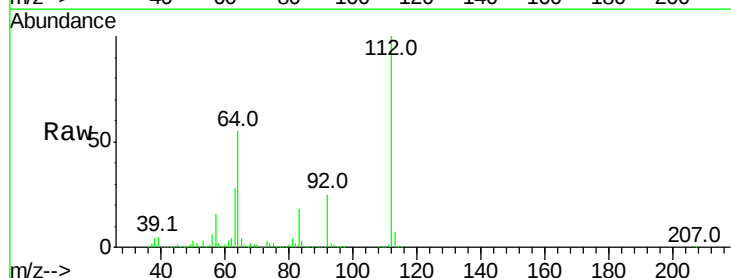
Tgt Ion:112 Resp: 2796577

Ion Ratio Lower Upper

112 100

64 54.5 45.0 67.4

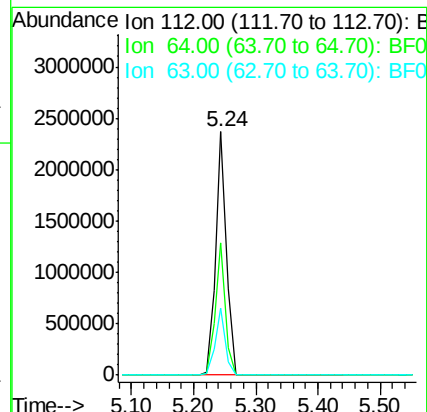
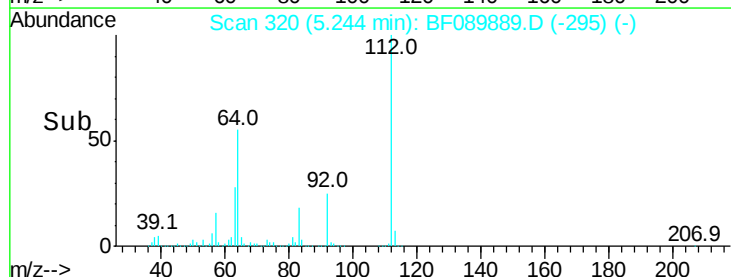
63 27.6 23.1 34.7

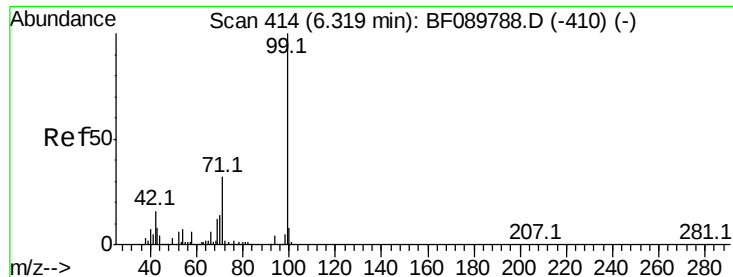


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.87 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089889.D

Acq: 24 Aug 2016 21:46

Instrument :

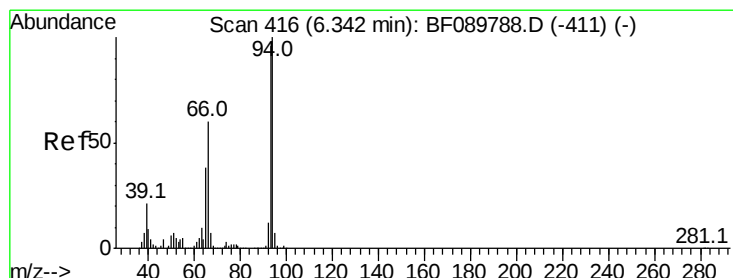
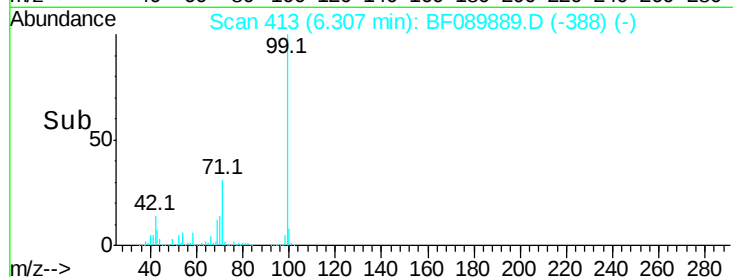
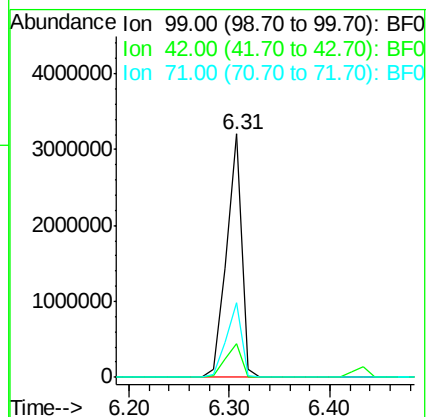
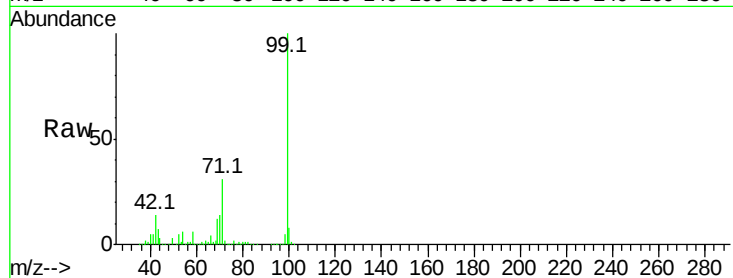
BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion: 99 Resp: 3361652

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.2	18.4
71	30.9	23.8	35.8



#10

Phenol

Concen: 2.82 ng

RT: 6.32 min Scan# 414

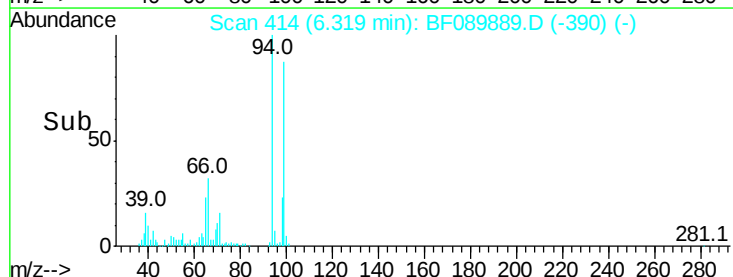
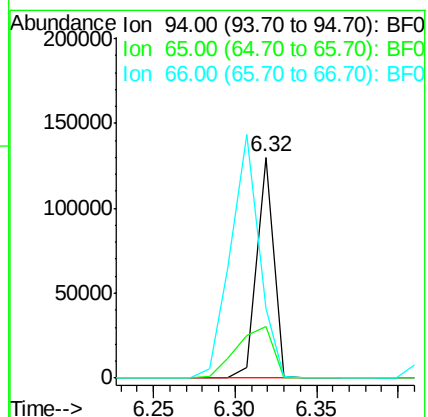
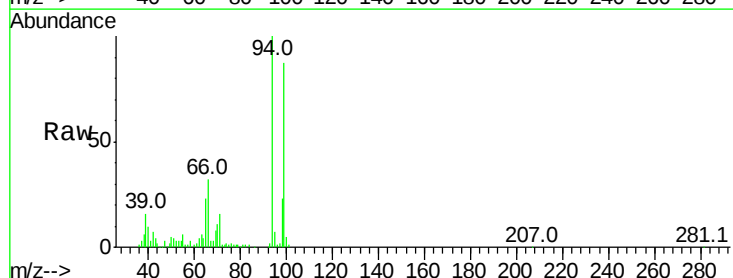
Delta R.T. -0.02 min

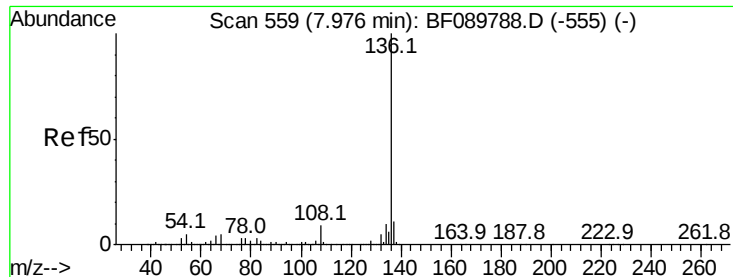
Lab File: BF089889.D

Acq: 24 Aug 2016 21:46

Tgt Ion: 94 Resp: 95153

Ion	Ratio	Lower	Upper
94	100		
65	23.2	14.0	54.0
66	31.6	31.2	71.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089889.D

Acq: 24 Aug 2016 21:46

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tot Ion:136 Resp: 1754240

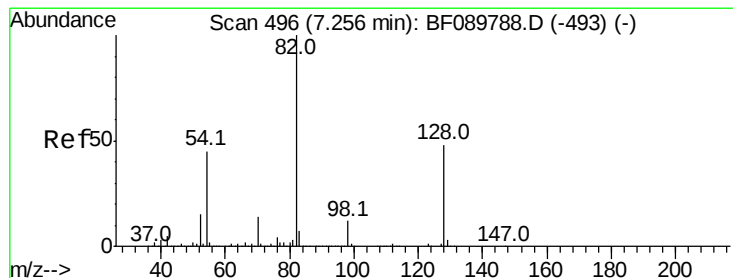
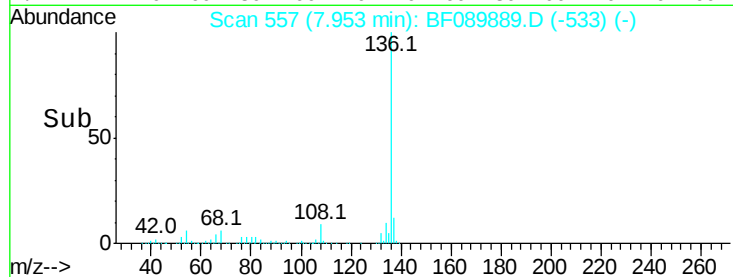
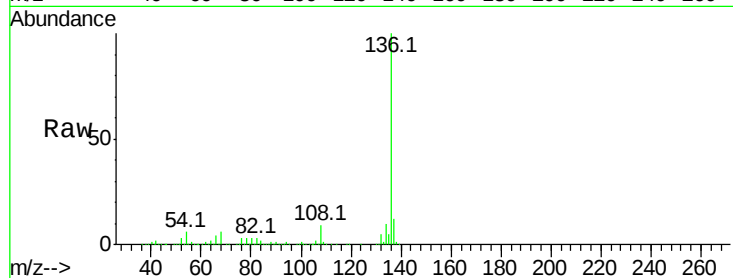
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.9	7.2	10.8#
68	5.6	5.8	8.8#

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: 75.17 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089889.D

Acq: 24 Aug 2016 21:46

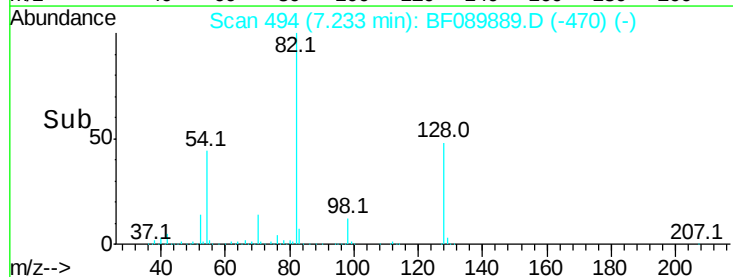
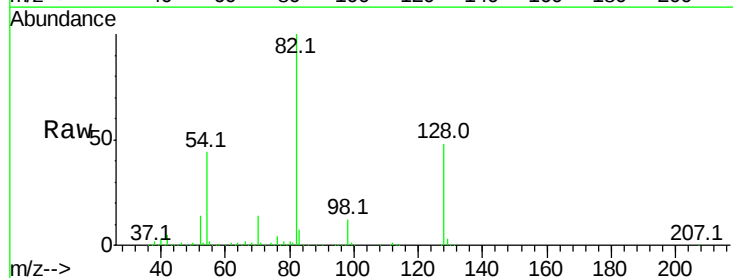
Tgt Ion: 82 Resp: 2122663

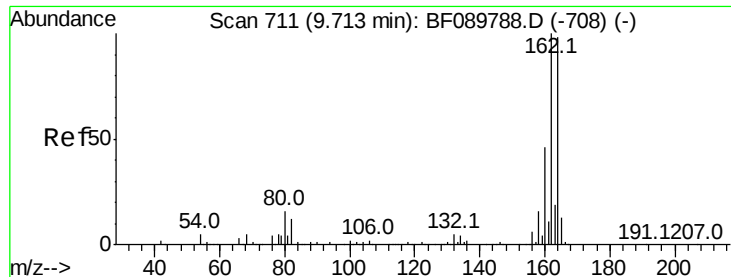
Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.4	51.6
54	43.6	40.3	60.5

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: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089889.D

Acq: 24 Aug 2016 21:46

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

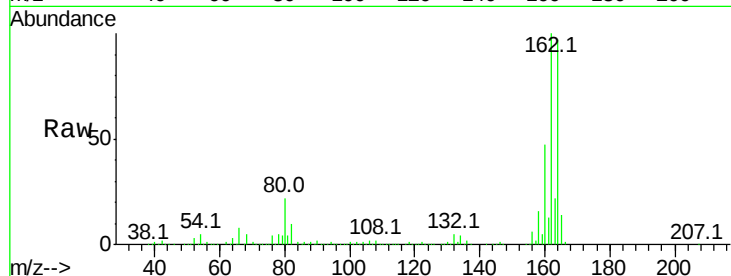
Tot Ion:164 Resp: 778834

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.2

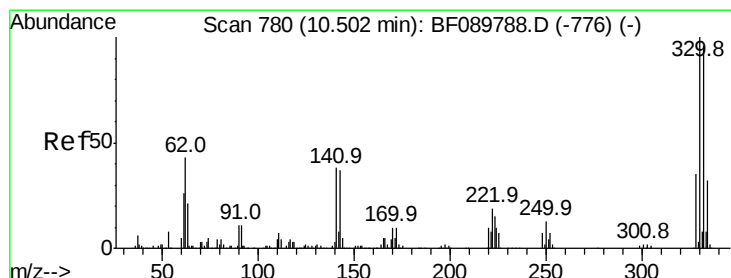
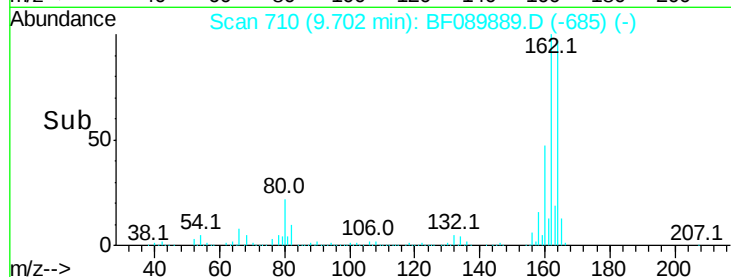
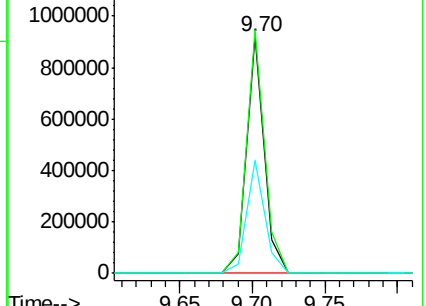
160 47.9 37.8 56.6



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: 108.55 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF089889.D

Acq: 24 Aug 2016 21:46

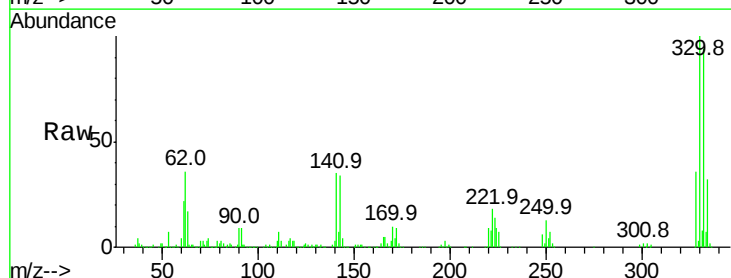
Tgt Ion:330 Resp: 803450

Ion Ratio Lower Upper

330 100

332 94.7 76.7 115.1

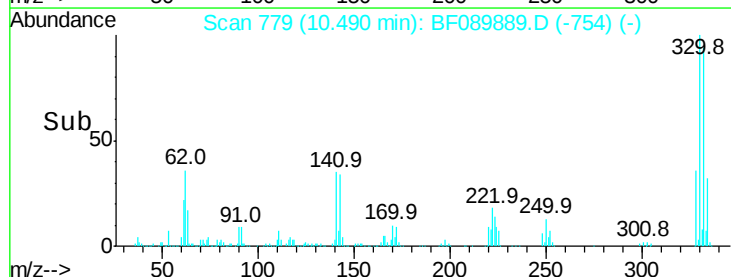
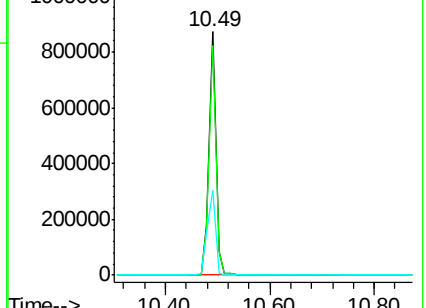
141 40.5 30.2 45.2

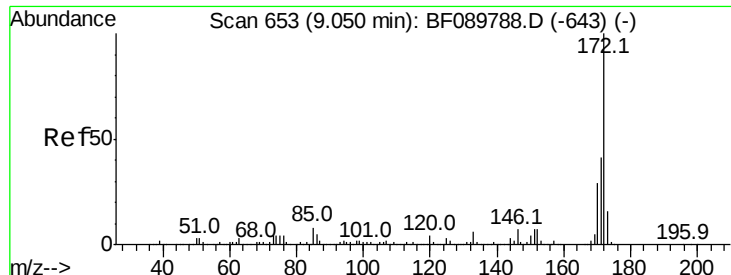


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

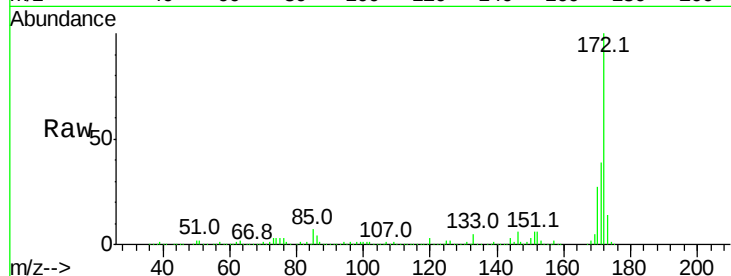




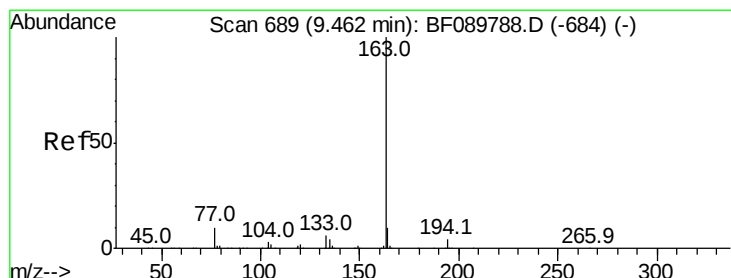
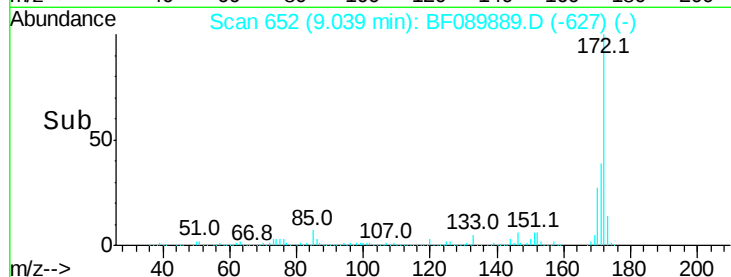
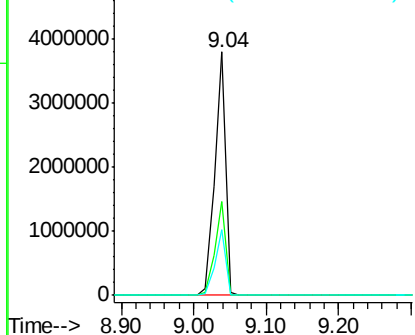
#44
 2-Fluorobiphenyl
 Concen: 88.22 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089889.D
 Acq: 24 Aug 2016 21:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tot Ion:172 Resp: 3909130
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.5 45.7
 170 27.2 20.6 31.0

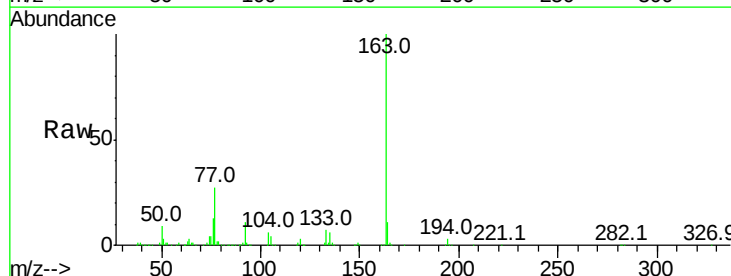


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

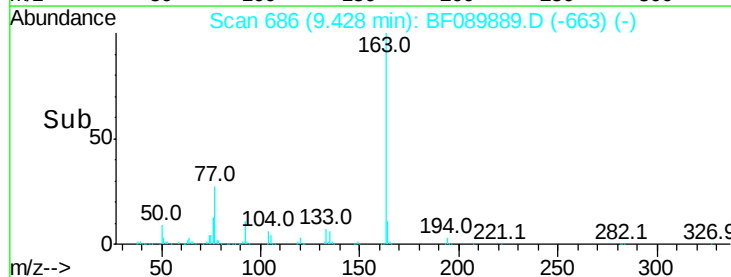
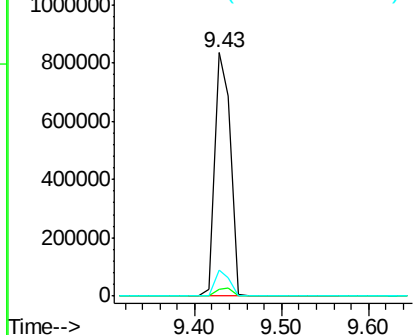


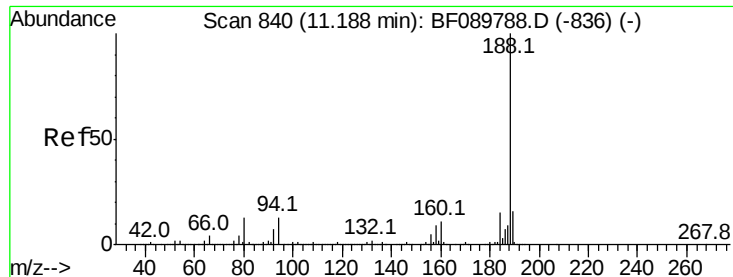
#49
 Dimethylphthalate
 Concen: 19.56 ng
 RT: 9.43 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF089889.D
 Acq: 24 Aug 2016 21:46

Tgt Ion:163 Resp: 1072623
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.6 3.8
 164 10.9 8.6 12.8



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

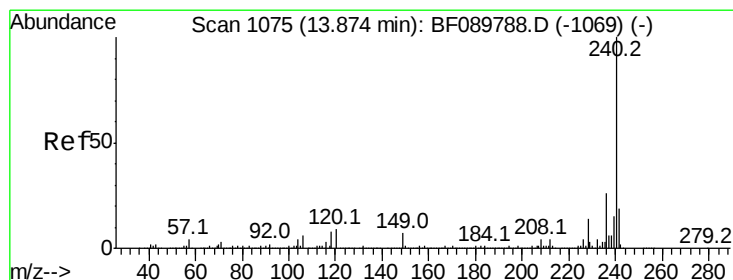
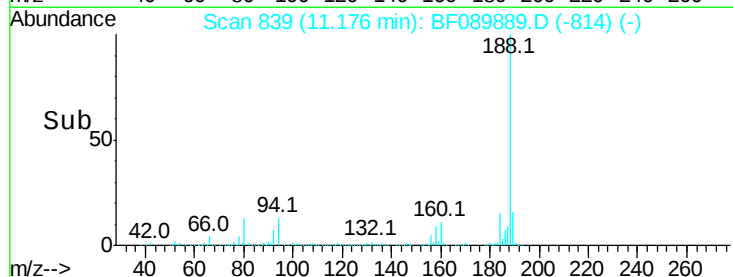
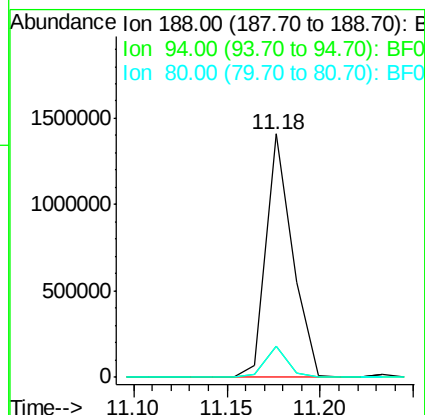
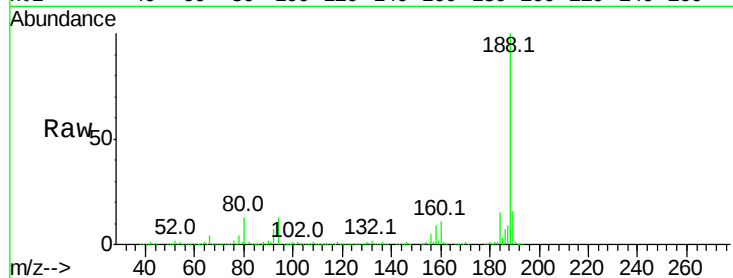




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089889.D
Acq: 24 Aug 2016 21:46

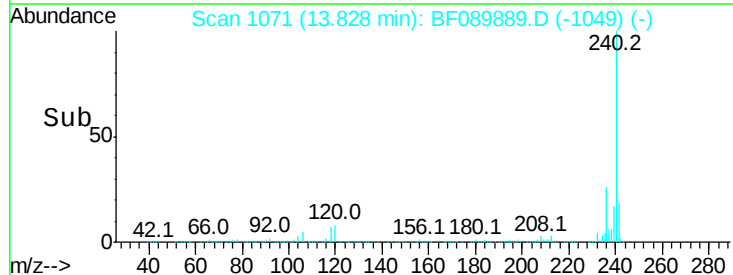
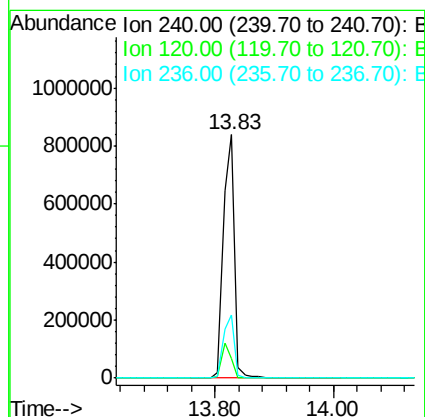
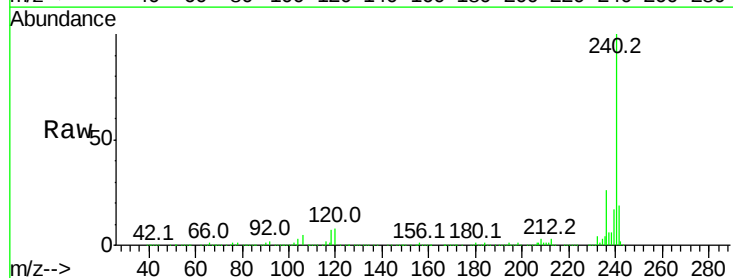
Instrument :
BNA_F
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SB-15A-(18-20)MS

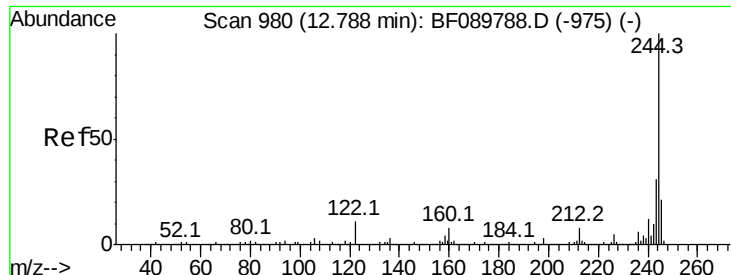
Tot Ion:188 Resp: 1401481
Ion Ratio Lower Upper
188 100
94 12.6 10.2 15.2
80 13.0 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF089889.D
Acq: 24 Aug 2016 21:46

Tgt Ion:240 Resp: 1080233
Ion Ratio Lower Upper
240 100
120 7.8 8.3 12.5#
236 25.9 21.3 31.9





#78

Terphenyl-d14

Concen: 67.91 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089889.D

Acq: 24 Aug 2016 21:46

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

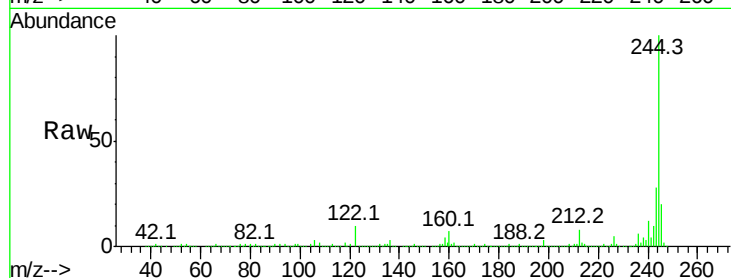
Tot Ion:244 Resp: 3242842

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

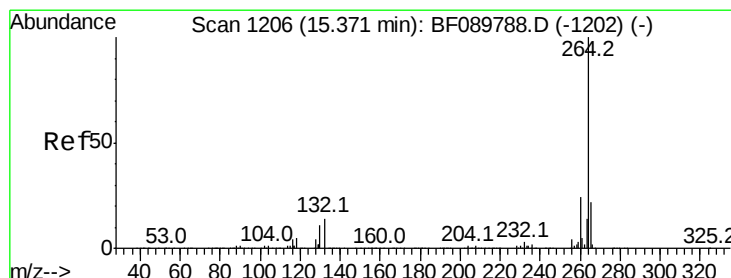
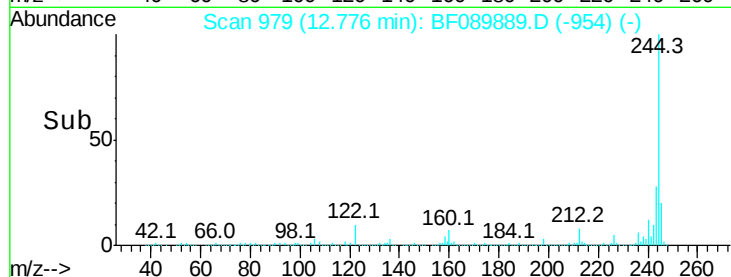
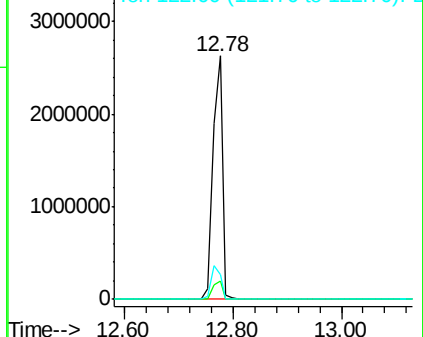
122 10.1 12.0 18.0#



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# 1197

Delta R.T. -0.10 min

Lab File: BF089889.D

Acq: 24 Aug 2016 21:46

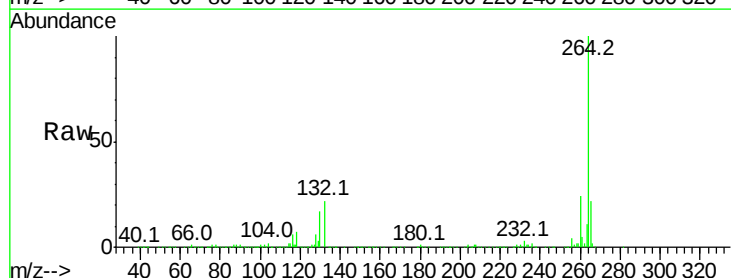
Tgt Ion:264 Resp: 833244

Ion Ratio Lower Upper

264 100

260 24.2 20.2 30.2

265 21.8 17.4 26.2



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

