

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098429.D
 Acq On : 12 Sep 2017 3:47
 Operator : SJ/JU
 Sample : I5138-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-WM-TS001-01

Quant Time: Sep 12 04:16:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

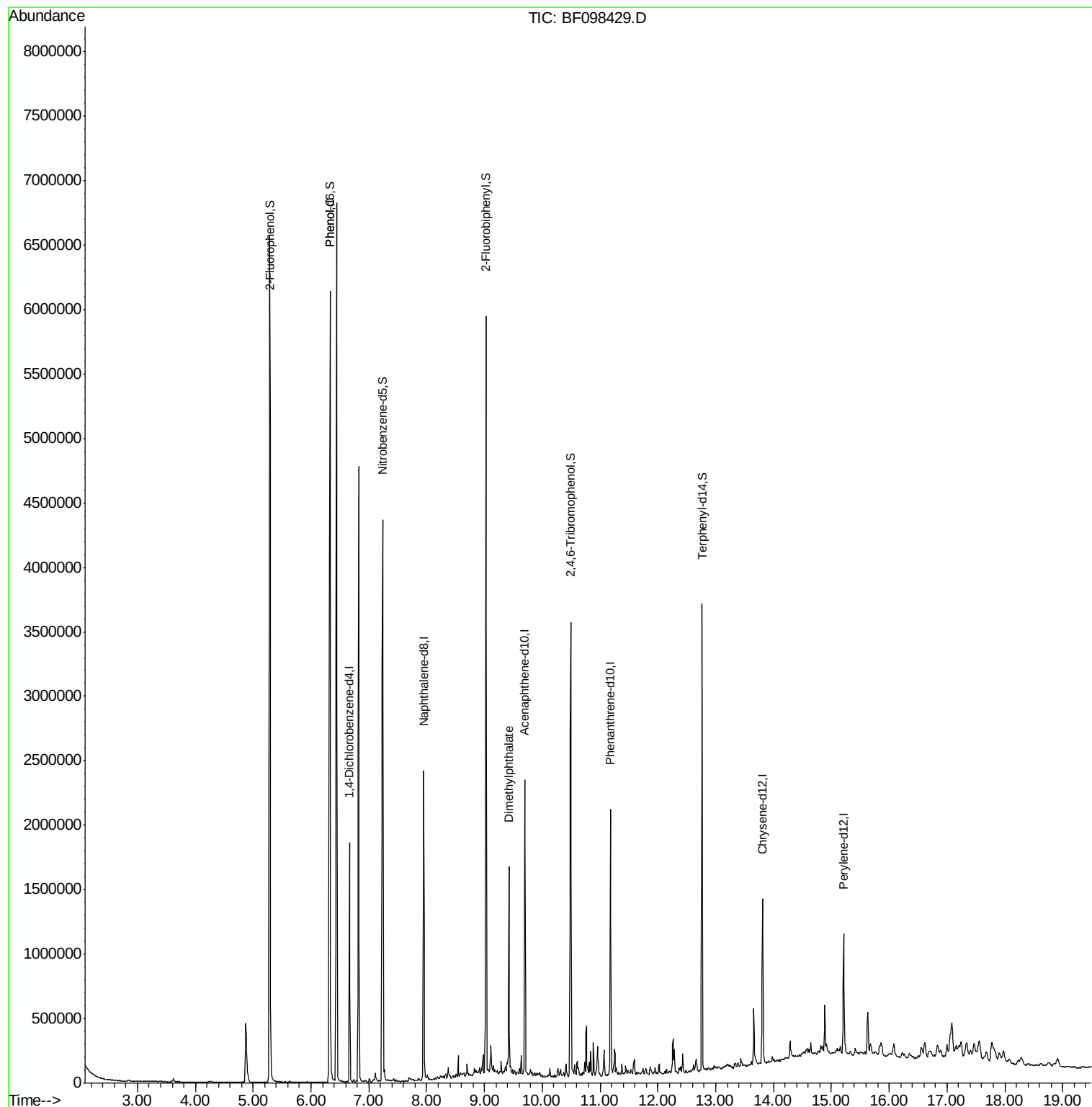
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	246363	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	987740	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	405366	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	650678	20.00	ng	0.00
75) Chrysene-d12	13.81	240	397381	20.00	ng	0.00
86) Perylene-d12	15.22	264	396847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2105860	126.38	ng	0.01
7) Phenol-d6	6.33	99	2592303	122.53	ng	0.00
23) Nitrobenzene-d5	7.24	82	1619215	91.39	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	364076	134.57	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1761100	73.64	ng	0.00
78) Terphenyl-d14	12.76	244	994980	54.04	ng	0.00
Target Compounds						
10) Phenol	6.33	94	143138	5.825	ng	85
49) Dimethylphthalate	9.43	163	593012	18.899	ng	98

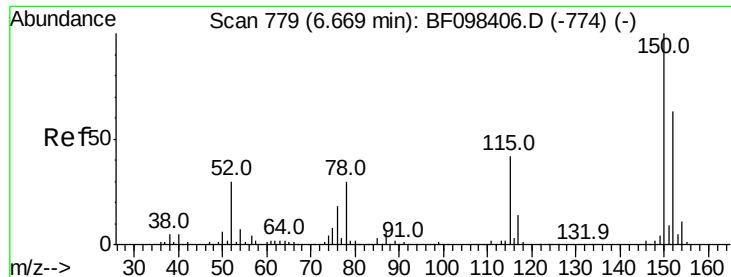
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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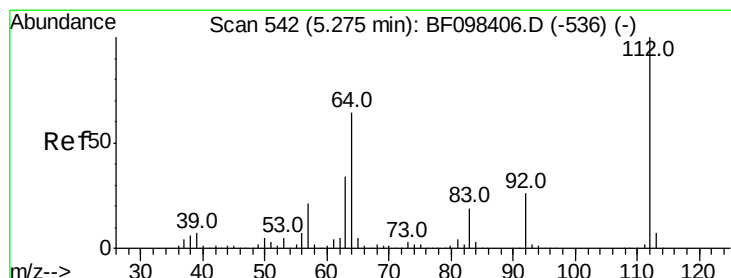
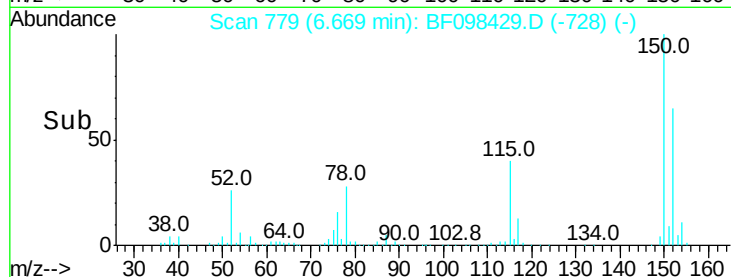
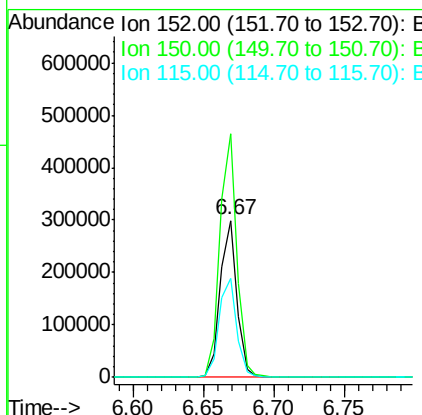
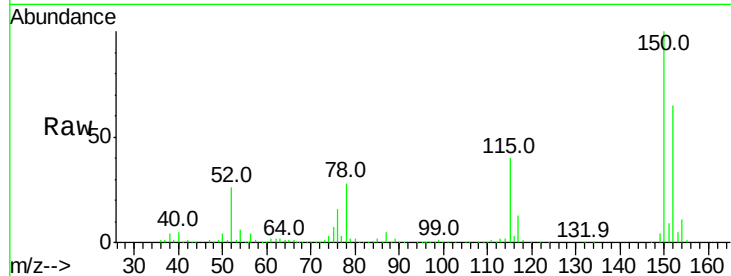


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

Instrument :
BNA_F
ClientSampleId :
EME-WM-TS001-01

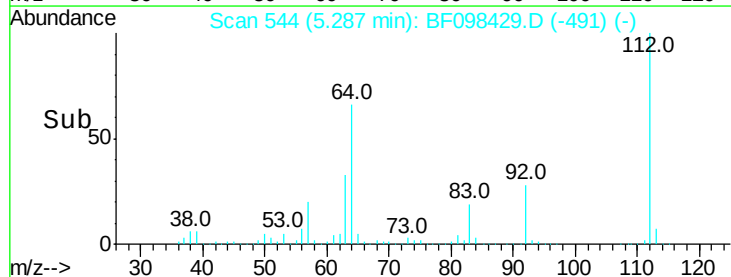
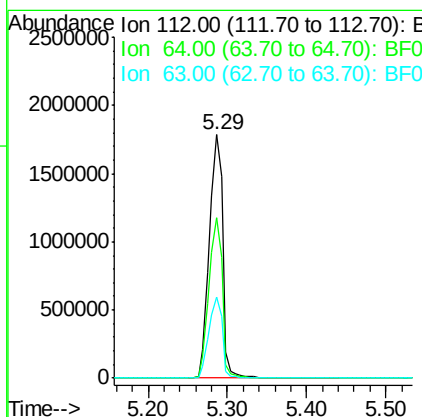
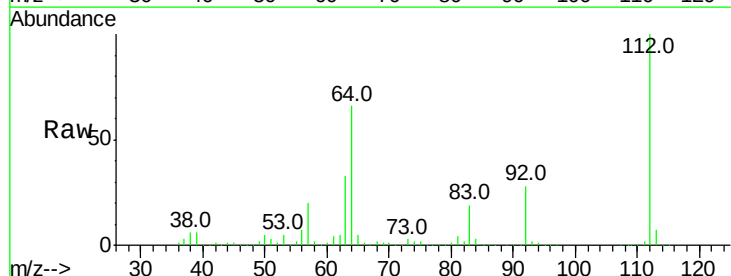
Tot Ion:152 Resp: 246363
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 62.7 52.2 78.2

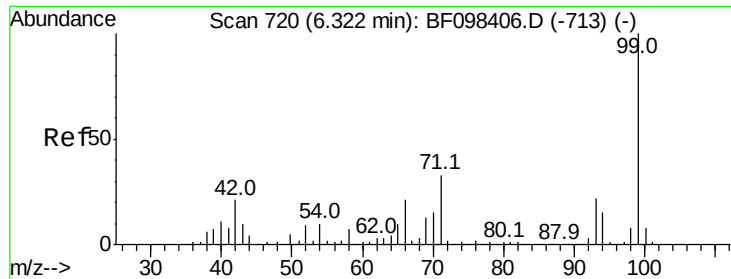


#5

2-Fluorophenol
Concen: 126.381 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

Tgt Ion:112 Resp: 2105860
Ion Ratio Lower Upper
112 100
64 66.0 46.0 69.0
63 33.4 23.4 35.0





#7

Phenol-d6

Concen: 122.532 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS001-01

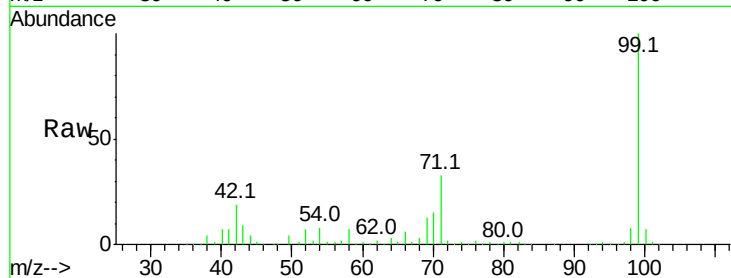
Tot Ion: 99 Resp: 2592303

Ion Ratio Lower Upper

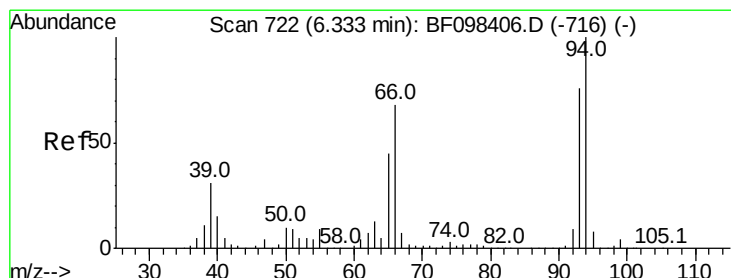
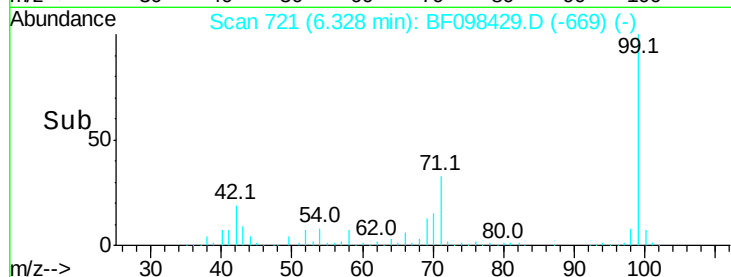
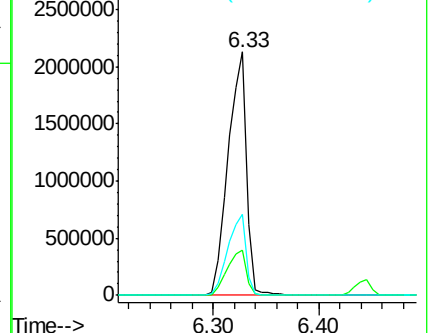
99 100

42 18.6 13.5 20.3

71 33.4 24.5 36.7



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: 5.825 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

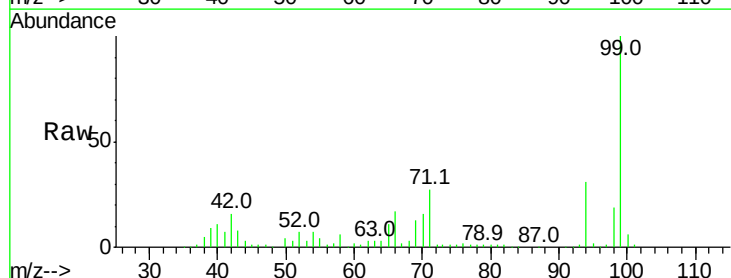
Tgt Ion: 94 Resp: 143138

Ion Ratio Lower Upper

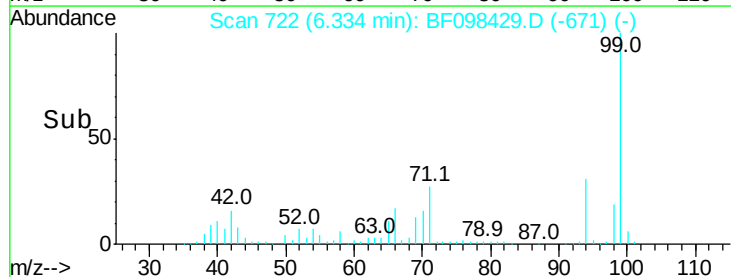
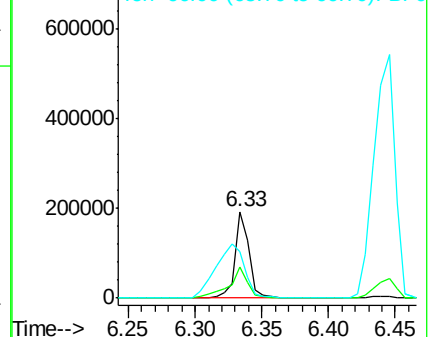
94 100

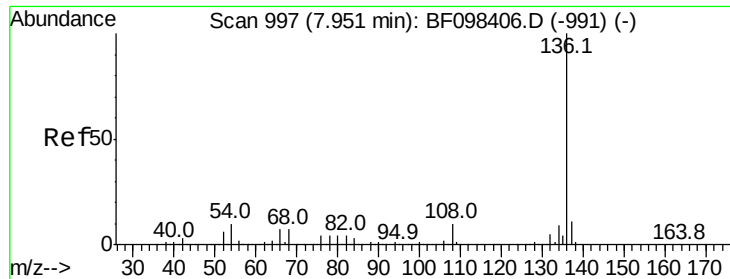
65 36.1 9.9 49.9

66 54.3 23.1 63.1



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

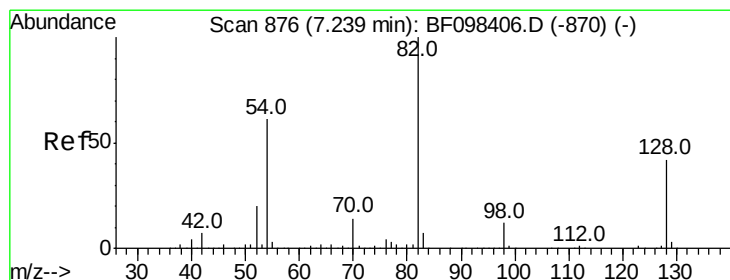
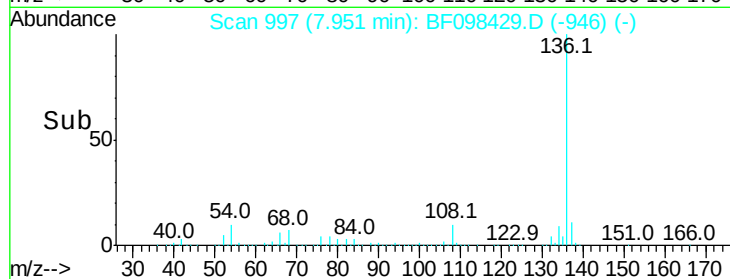
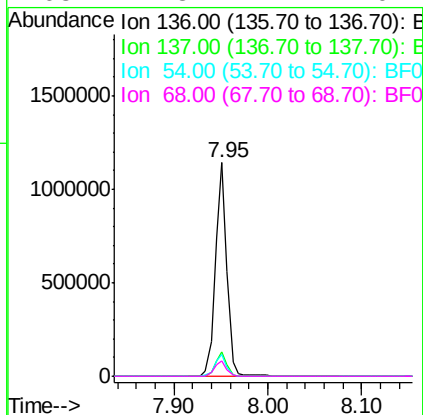
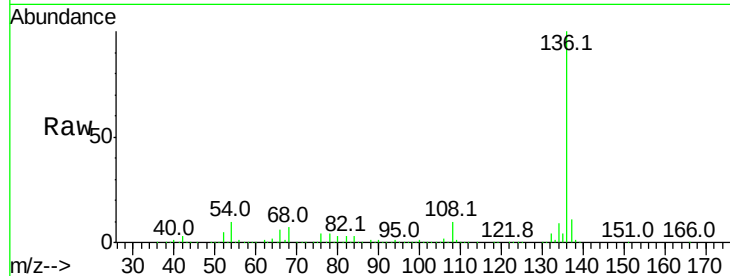




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

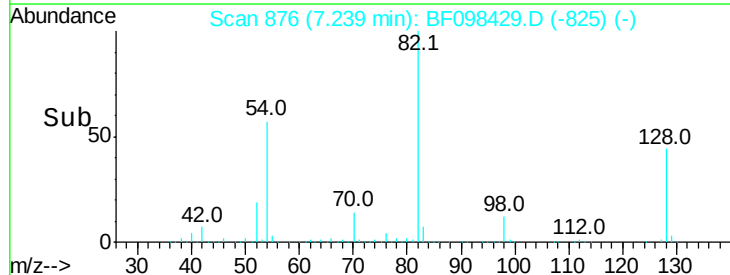
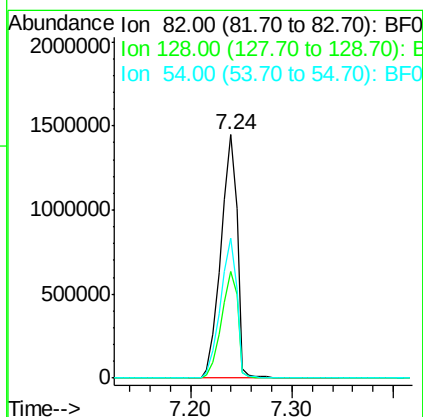
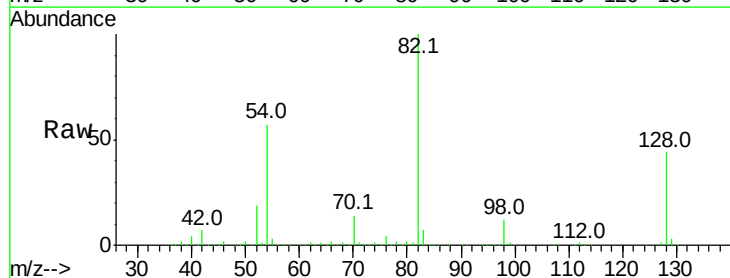
Instrument :
BNA_F
ClientSampleId :
EME-WM-TS001-01

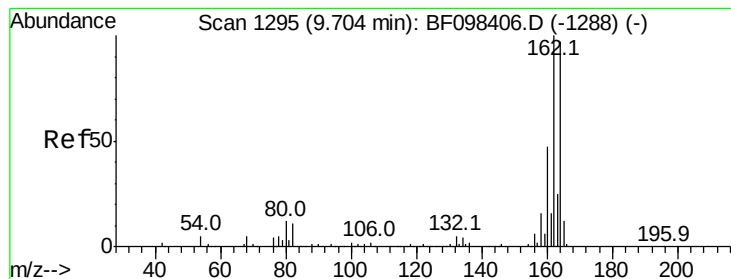
Tot Ion:	136	Resp:	987740
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.4	4.9	7.3#
68	7.3	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 91.391 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

Tgt Ion:	82	Resp:	1619215
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	57.4	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS001-01

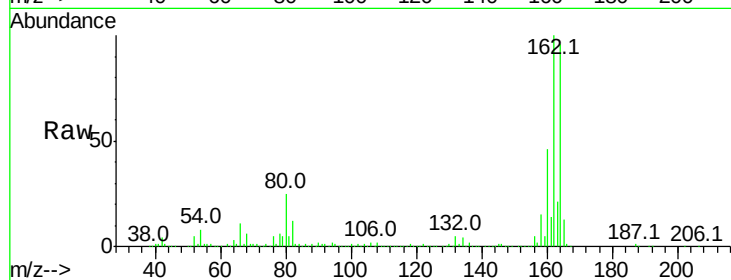
Tot Ion:164 Resp: 405366

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

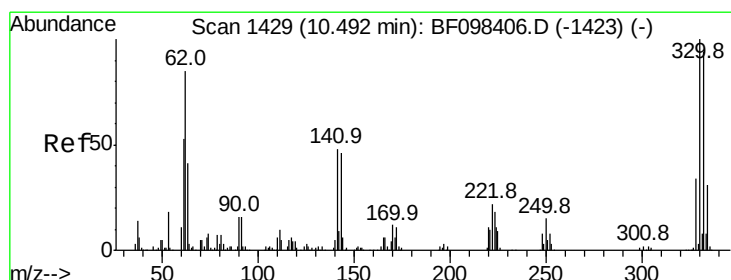
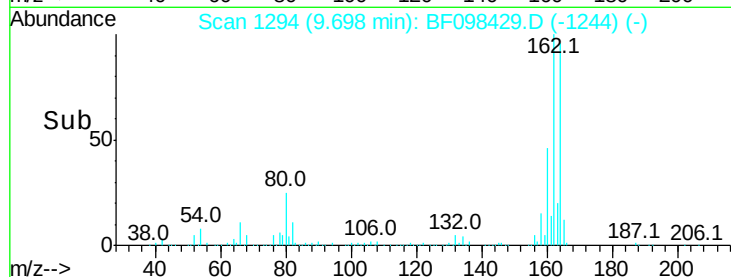
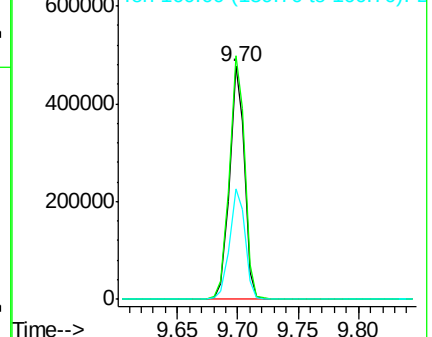
160 47.5 36.2 54.2



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: 134.569 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

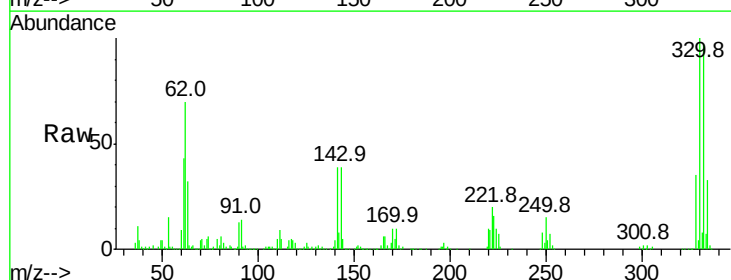
Tgt Ion:330 Resp: 364076

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

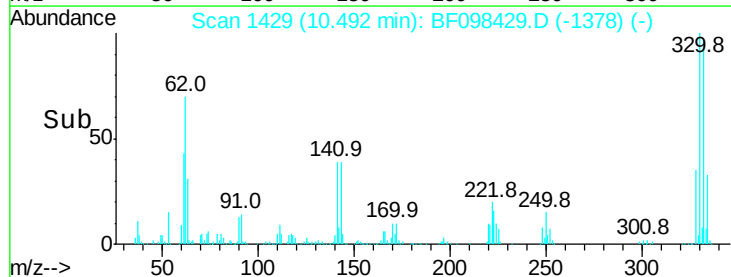
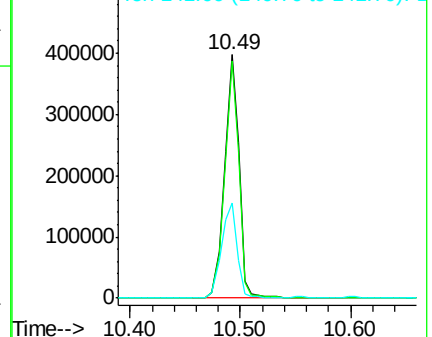
141 42.0 31.4 47.2

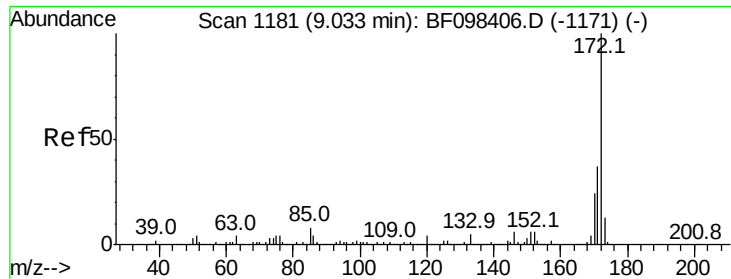


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 73.635 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Instrument :

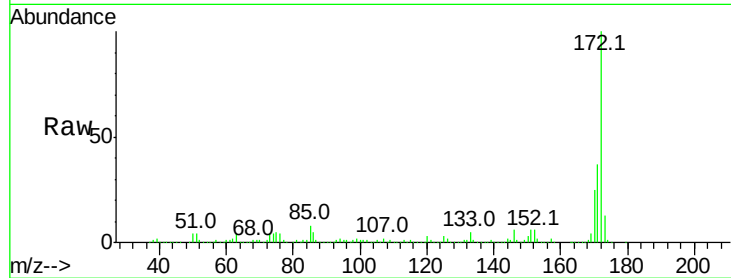
BNA_F

ClientSampleId :

EME-WM-TS001-01

Tot Ion:172 Resp: 1761100

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.6	19.8	29.8

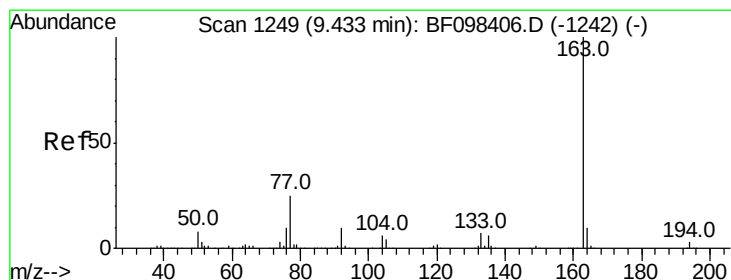
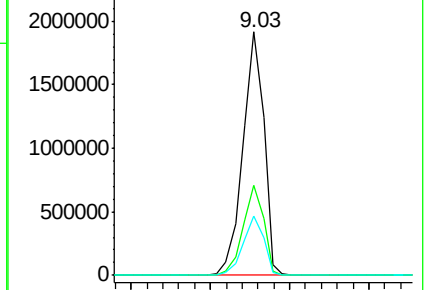
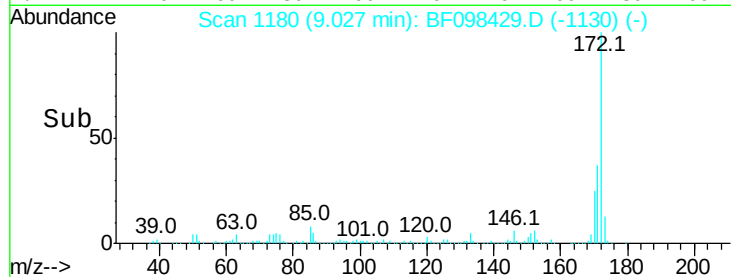


Abundance

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: 18.899 ng

RT: 9.43 min Scan# 1248

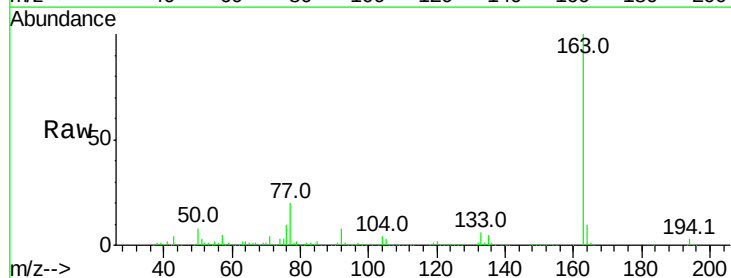
Delta R.T. -0.01 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Tgt Ion:163 Resp: 593012

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.5	8.4	12.6

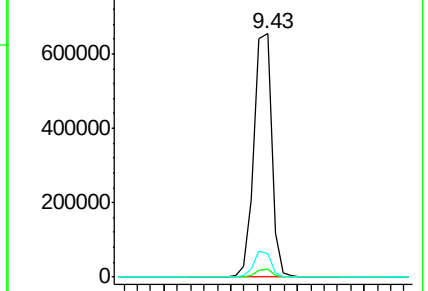
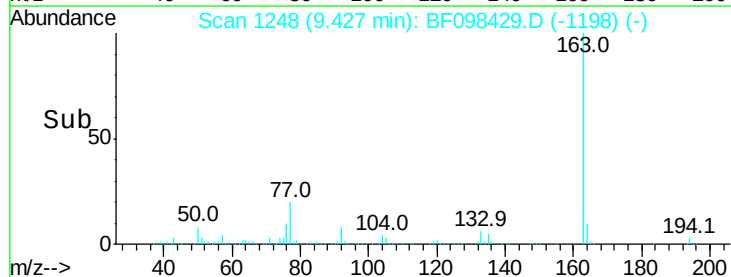


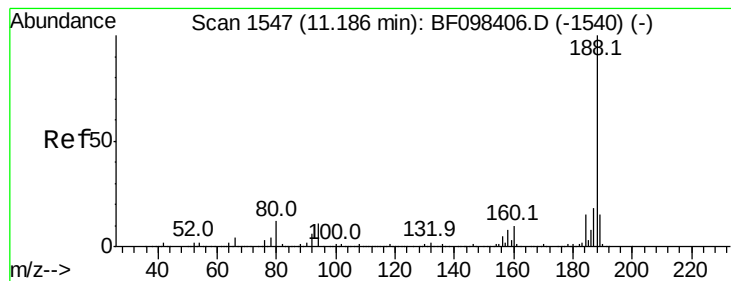
Abundance

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: 20.000 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS001-01

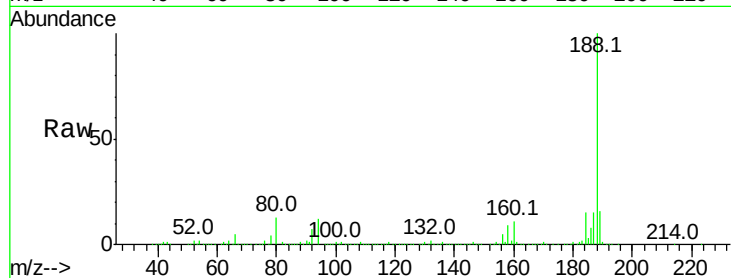
Tot Ion:188 Resp: 650678

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

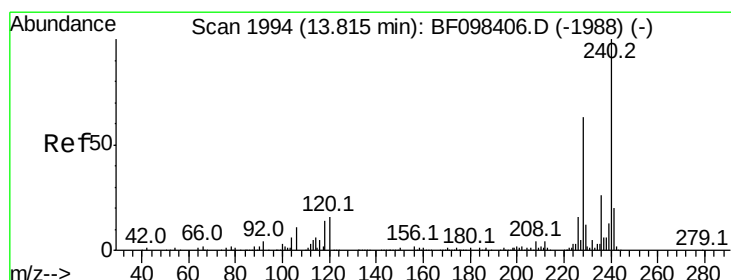
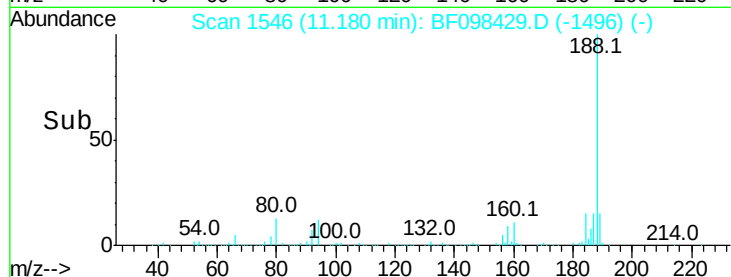
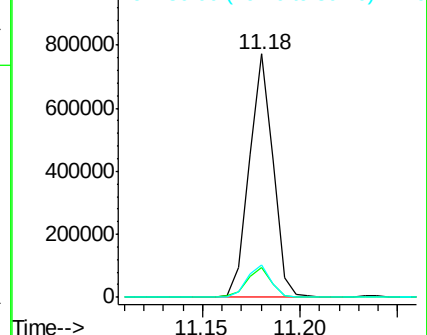
80 13.1 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

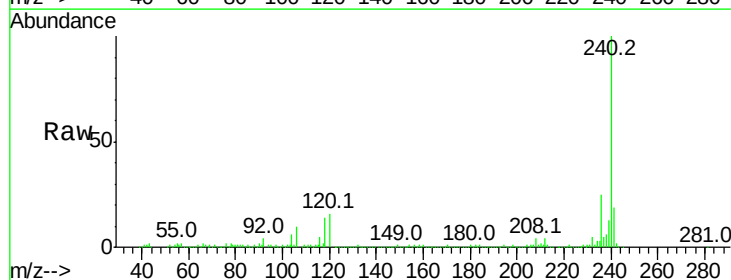
Tgt Ion:240 Resp: 397381

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

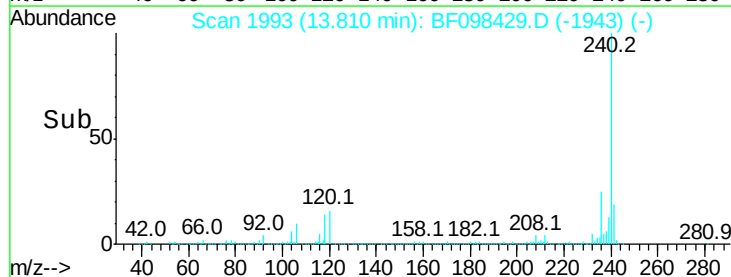
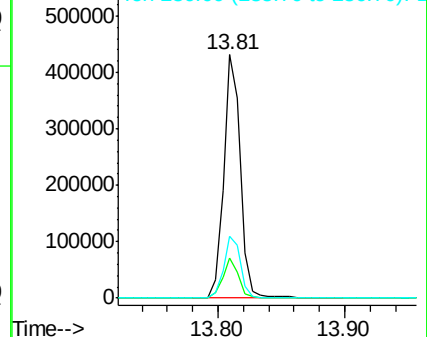
236 25.2 20.5 30.7

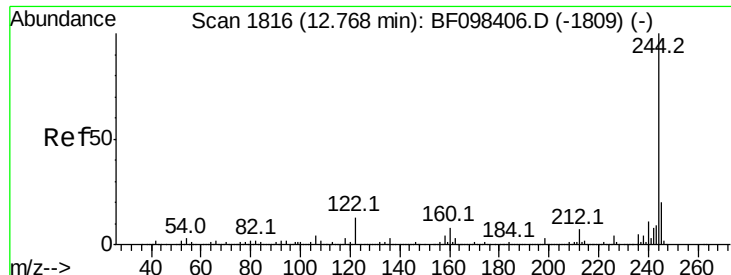


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.045 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS001-01

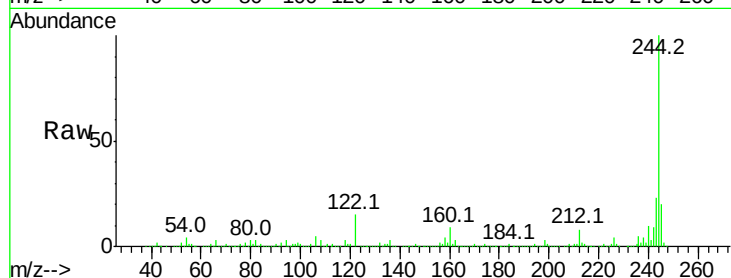
Tot Ion:244 Resp: 994980

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

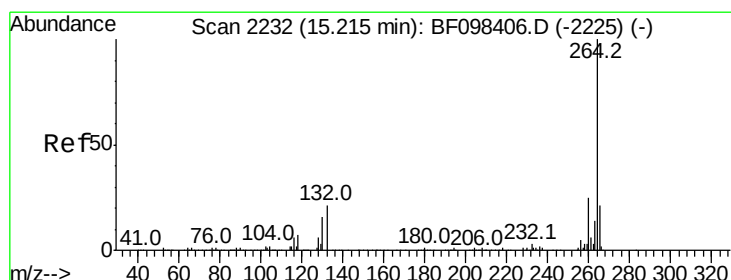
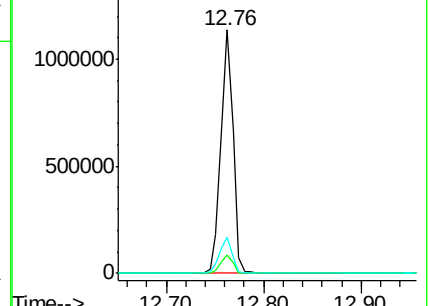
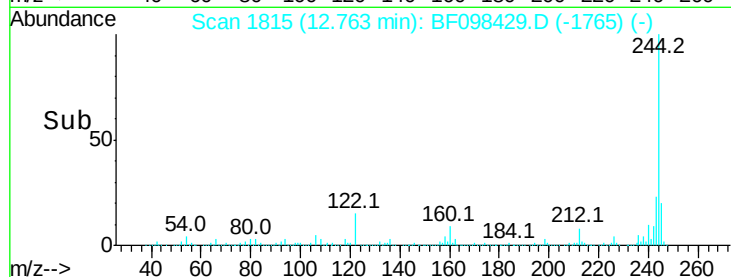
122 14.7 10.3 15.5



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: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

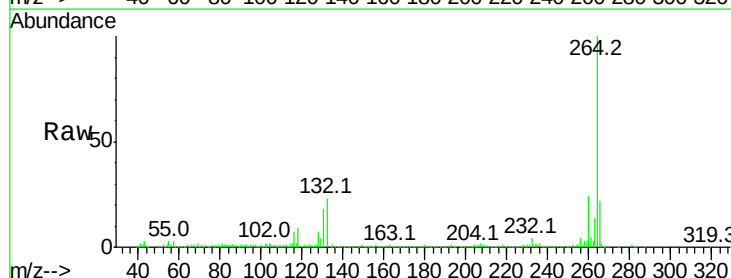
Tgt Ion:264 Resp: 396847

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.7 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

