

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093017.D
 Acq On : 17 Feb 2017 18:20
 Operator : SJ/MA
 Sample : I1879-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-3

Quant Time: Feb 17 23:19:06 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

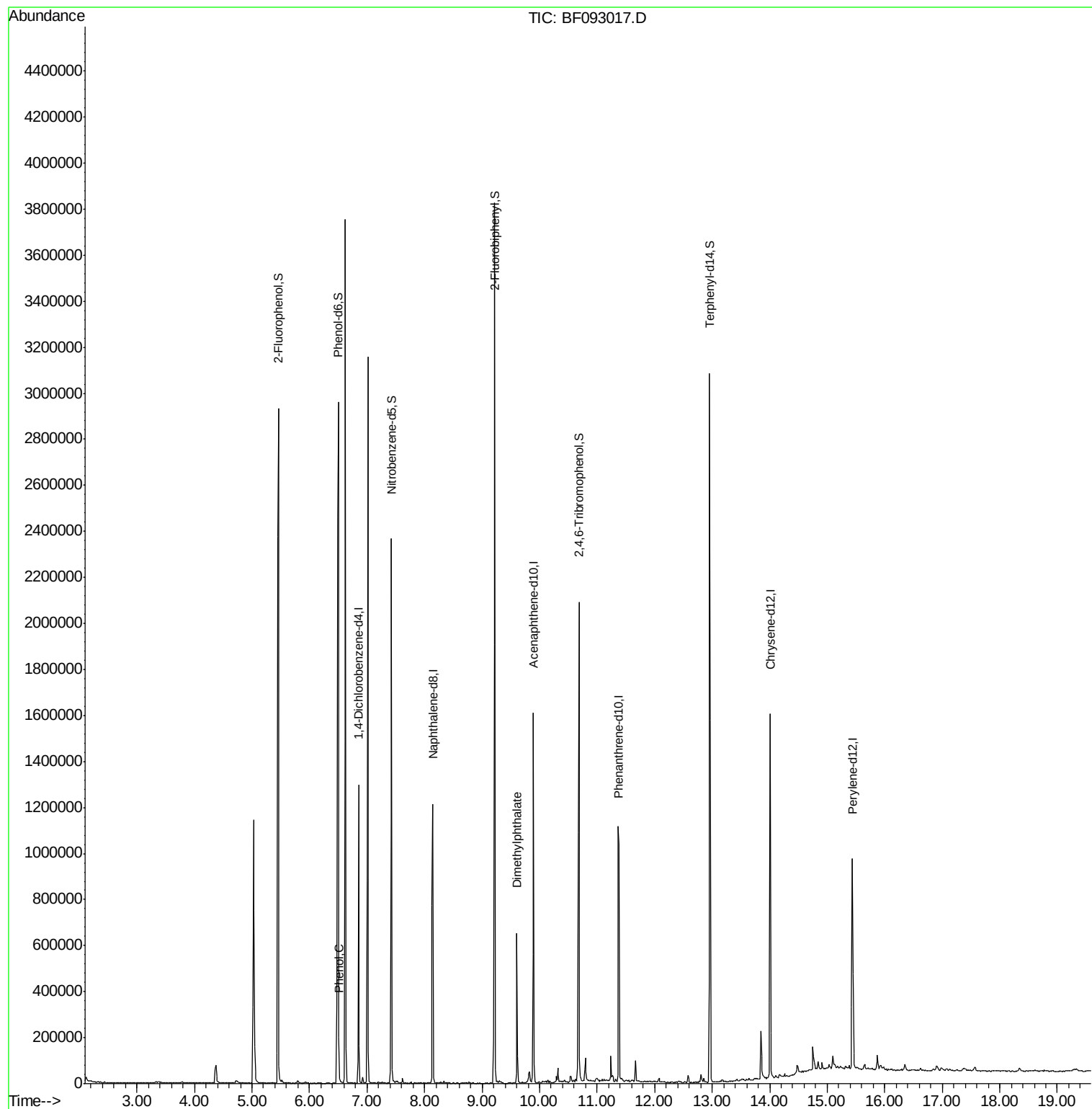
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	178282	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	699530	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	334819	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	604039	20.00	ng	0.00
75) Chrysene-d12	14.01	240	523960	20.00	ng	-0.01
86) Perylene-d12	15.44	264	404270	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1090967	104.98	ng	0.01
7) Phenol-d6	6.50	99	1408851	105.37	ng	0.01
23) Nitrobenzene-d5	7.42	82	853967	67.98	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	271019	111.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1398499	75.67	ng	0.00
78) Terphenyl-d14	12.96	244	1166199	52.30	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	71601	4.58	ng	Qvalue # 60
49) Dimethylphthalate	9.61	163	255158	11.31	ng	99

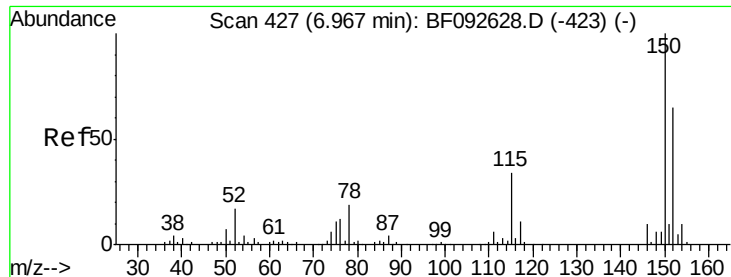
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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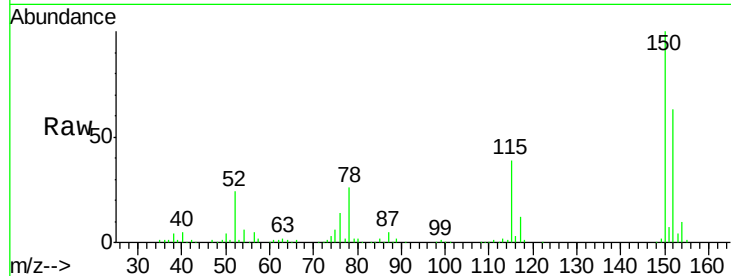


#1

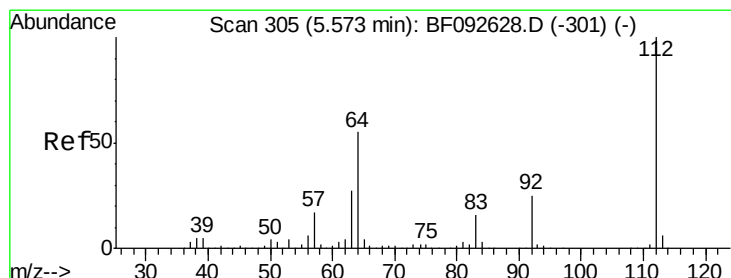
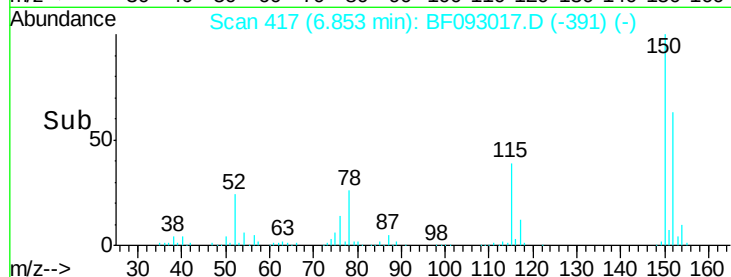
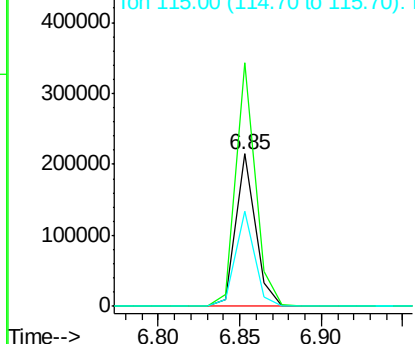
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Instrument :
BNA_F
ClientSampled :
M-3

Tgt Ion:152 Resp: 178282
Ion Ratio Lower Upper
152 100
150 159.5 124.9 187.3
115 62.3 46.0 69.0



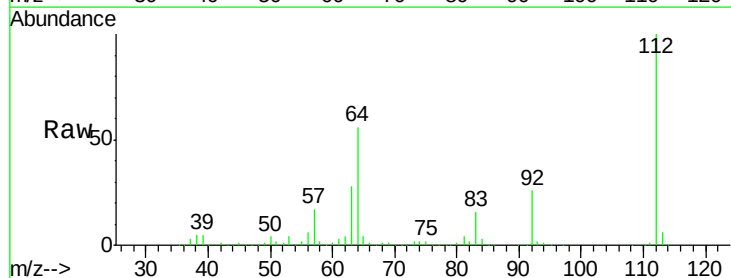
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



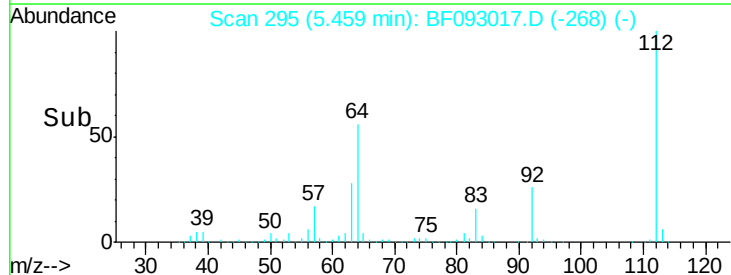
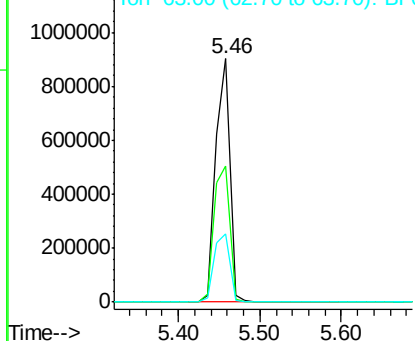
#5

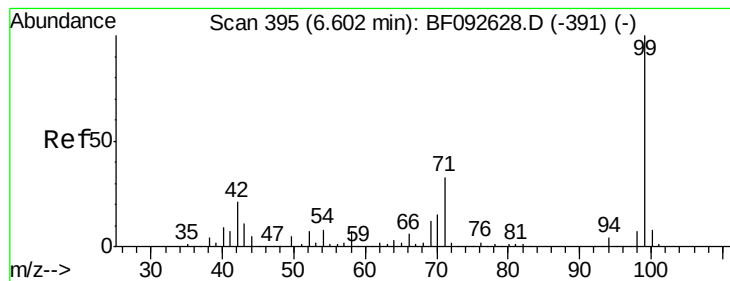
2-Fluorophenol
Concen: 104.98 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Tgt Ion:112 Resp: 1090967
Ion Ratio Lower Upper
112 100
64 56.0 46.1 69.1
63 28.0 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: 105.37 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

Instrument :

BNA_F

ClientSampleId :

M-3

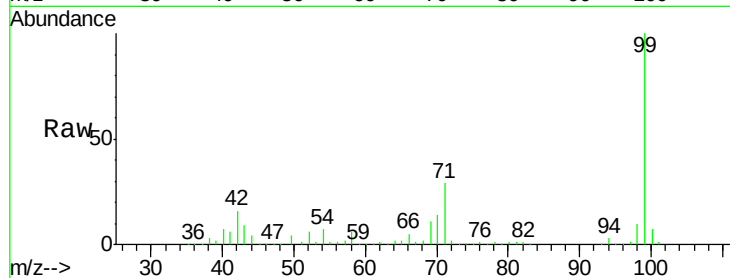
Tgt Ion: 99 Resp: 1408851

Ion Ratio Lower Upper

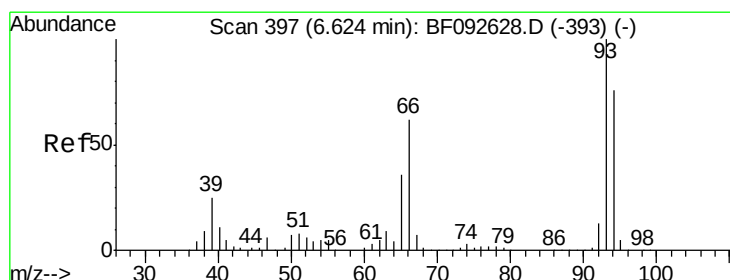
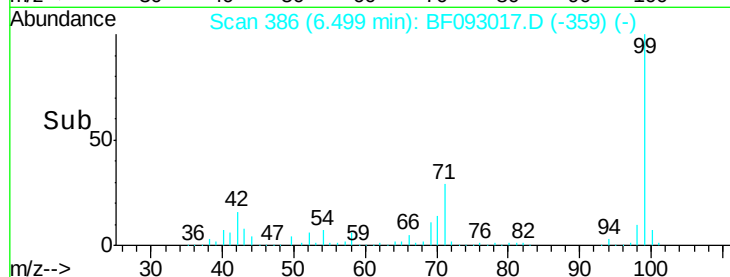
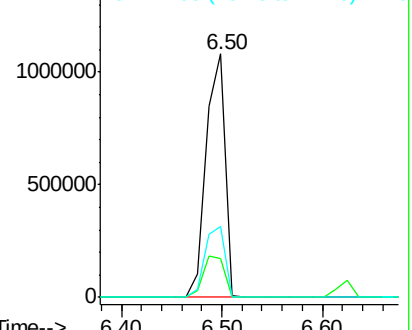
99 100

42 16.1 15.6 23.4

71 29.2 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: 4.58 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

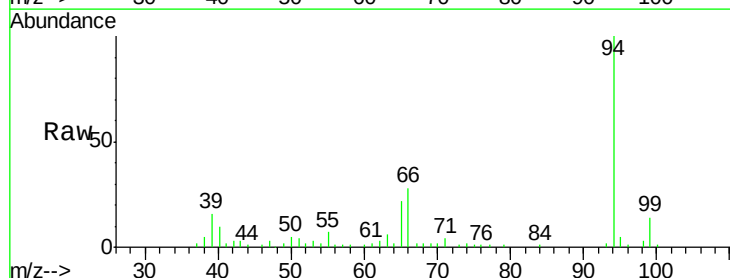
Tgt Ion: 94 Resp: 71601

Ion Ratio Lower Upper

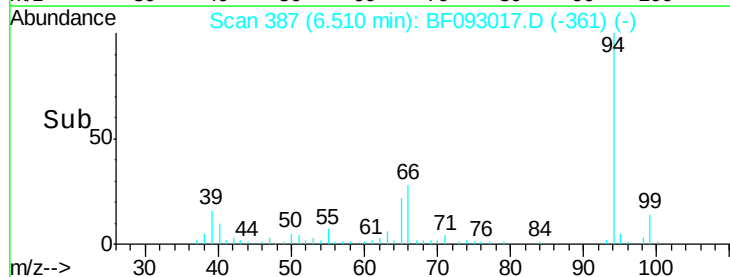
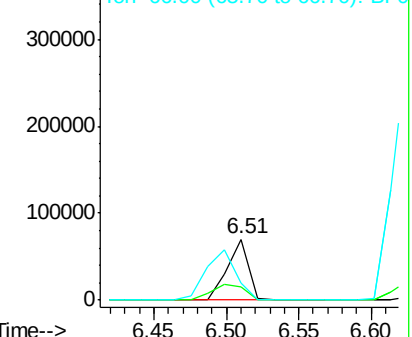
94 100

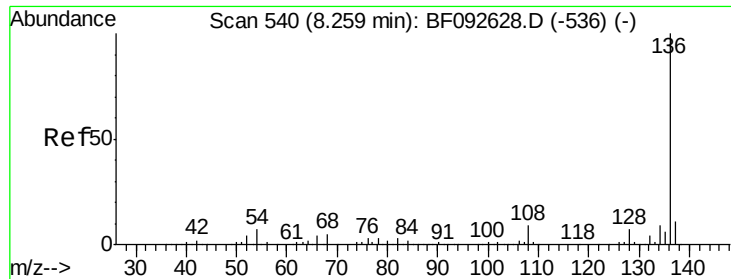
65 22.1 21.4 61.4

66 27.8 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

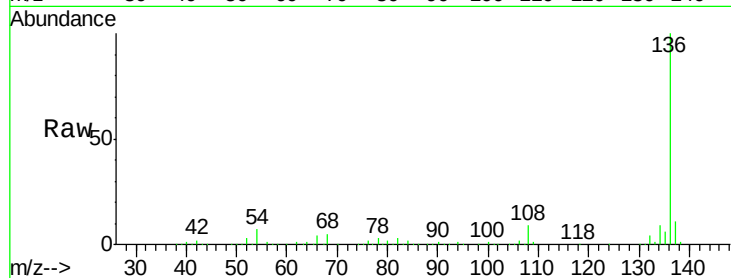




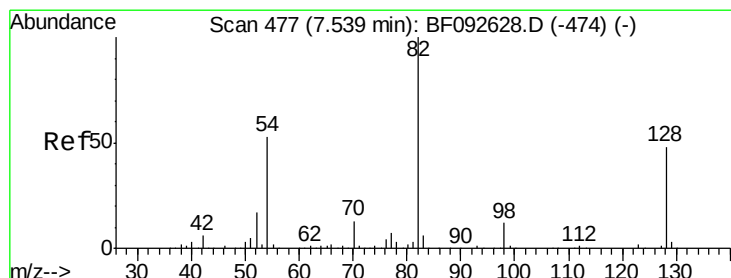
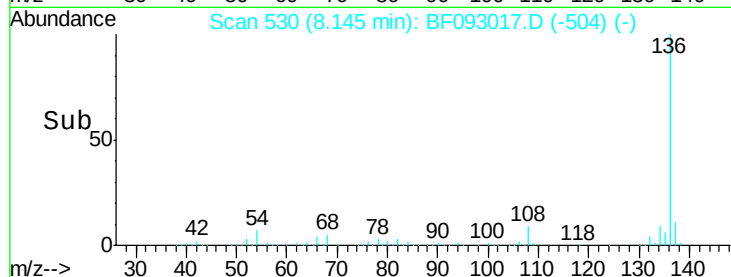
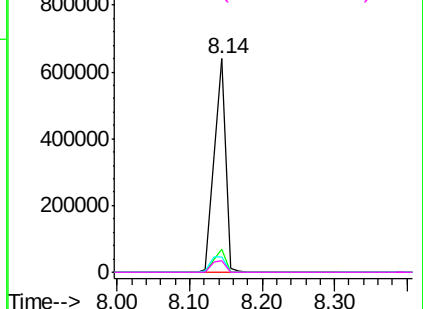
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Instrument :
BNA_F
ClientSampleId :
M-3

Tgt Ion:	136	Resp:	699530
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.2	4.5	6.7#
68	5.3	3.6	5.4

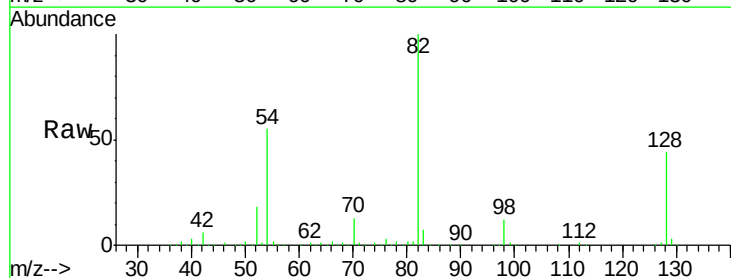


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

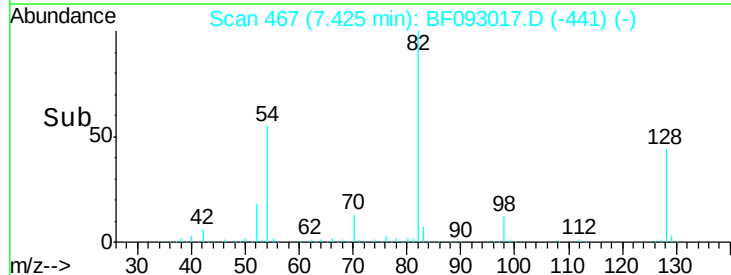
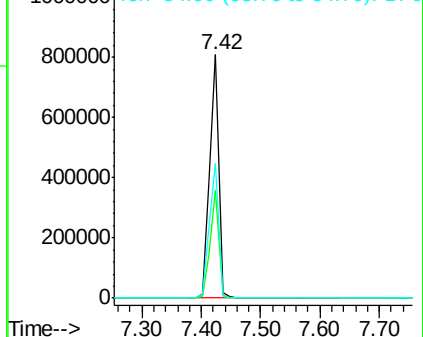


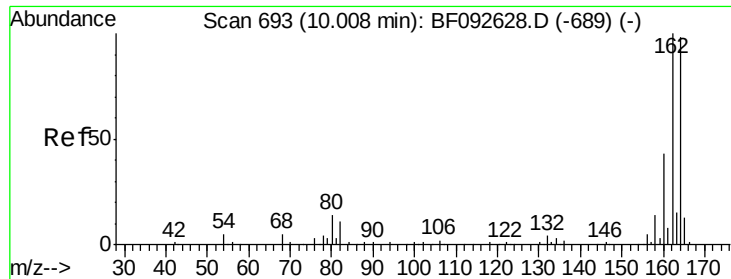
#23
Nitrobenzene-d5
Concen: 67.98 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Tgt Ion:	82	Resp:	853967
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	55.2	39.5	59.3



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: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

Instrument :

BNA_F

ClientSampleId :

M-3

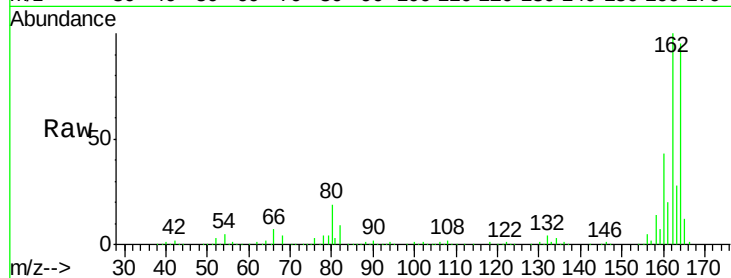
Tgt Ion:164 Resp: 334819

Ion Ratio Lower Upper

164 100

162 105.0 80.2 120.2

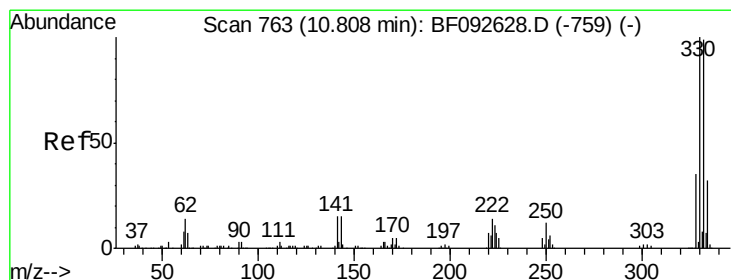
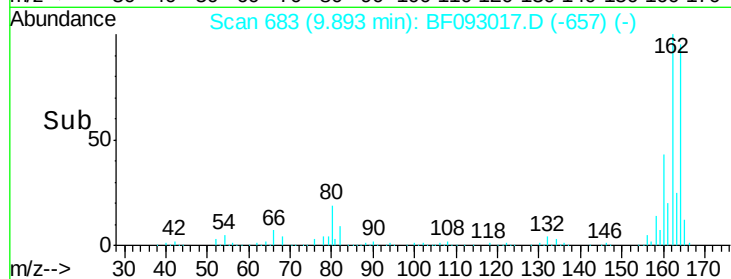
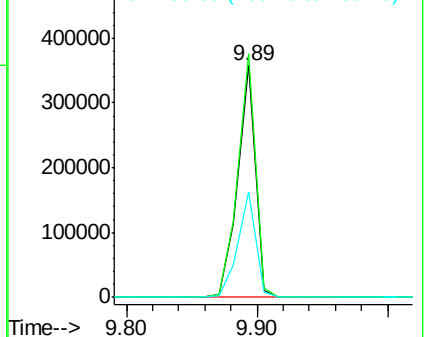
160 45.4 36.9 55.3



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: 111.92 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

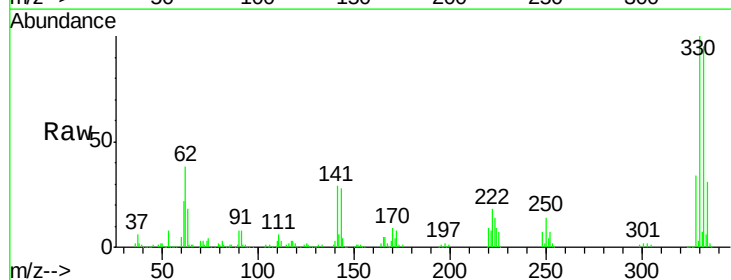
Tgt Ion:330 Resp: 271019

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

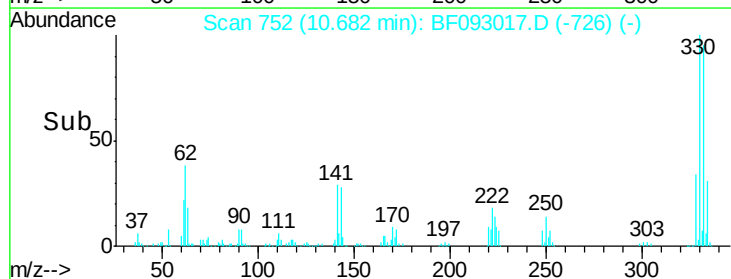
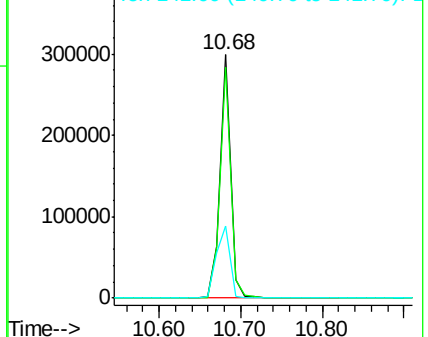
141 38.3 34.1 51.1

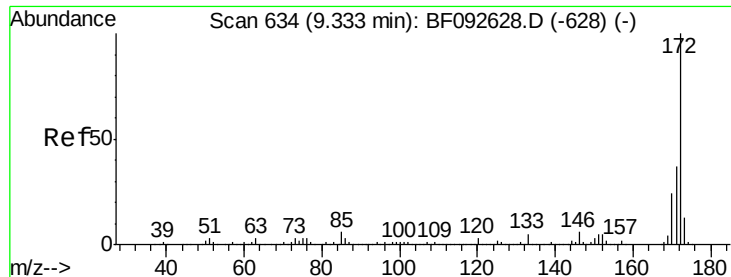


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

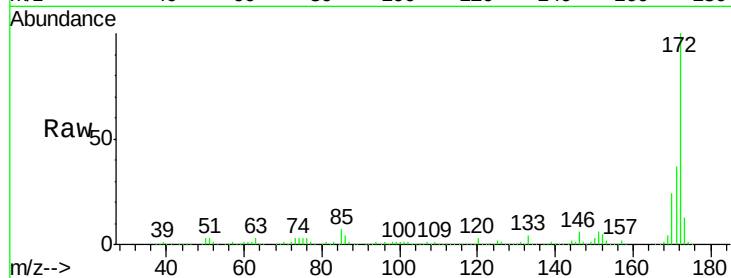




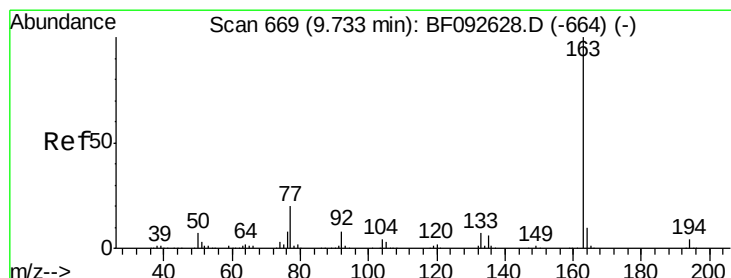
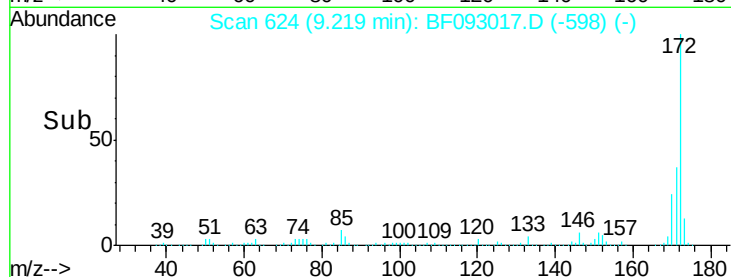
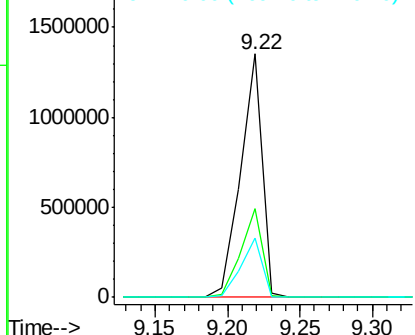
#44
 2-Fluorobiphenyl
 Concen: 75.67 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093017.D
 Acq: 17 Feb 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 M-3

Tgt Ion:172 Resp: 1398499
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 20.2 30.4

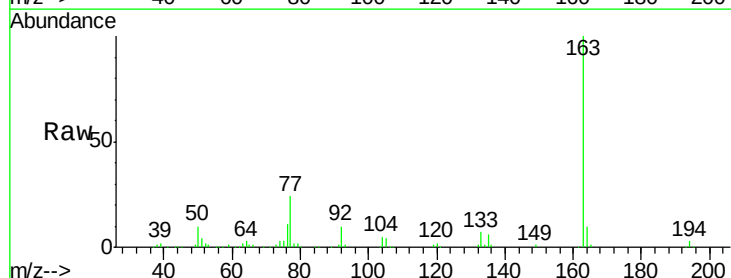


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

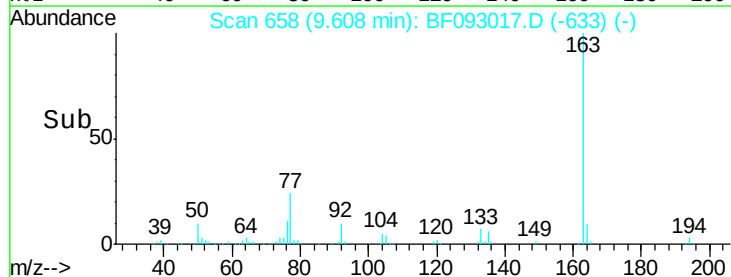
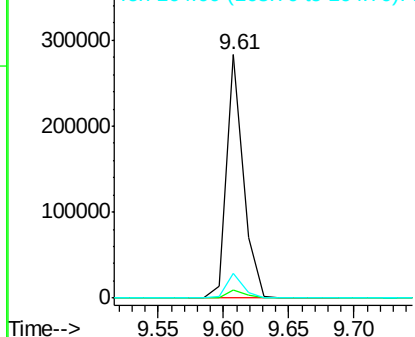


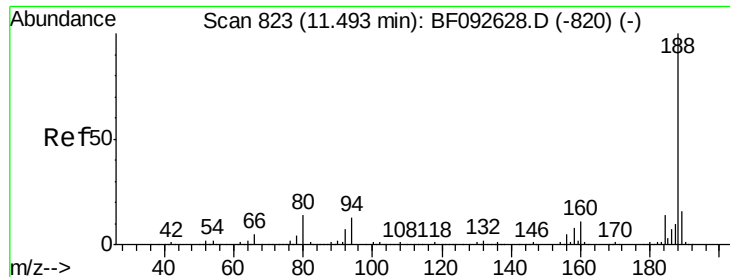
#49
 Dimethylphthalate
 Concen: 11.31 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093017.D
 Acq: 17 Feb 2017 18:20

Tgt Ion:163 Resp: 255158
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.4 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

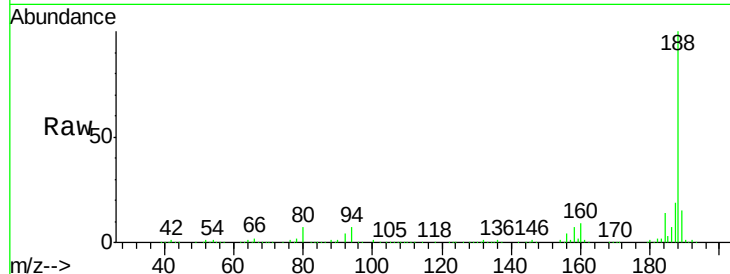




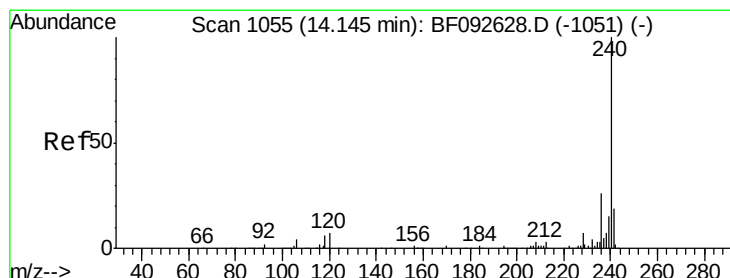
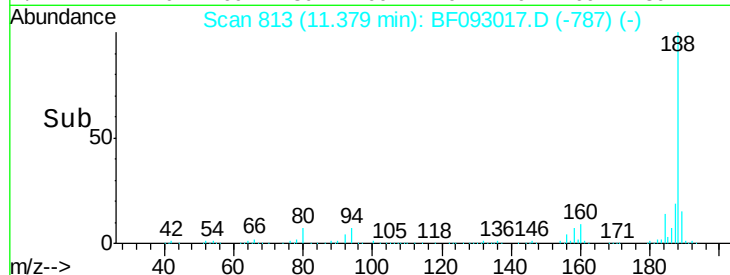
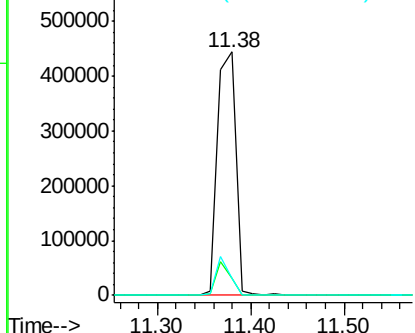
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Instrument :
BNA_F
ClientSampleId :
M-3

Tgt Ion:188 Resp: 604039
Ion Ratio Lower Upper
188 100
94 7.0 10.0 15.0#
80 7.0 11.2 16.8#

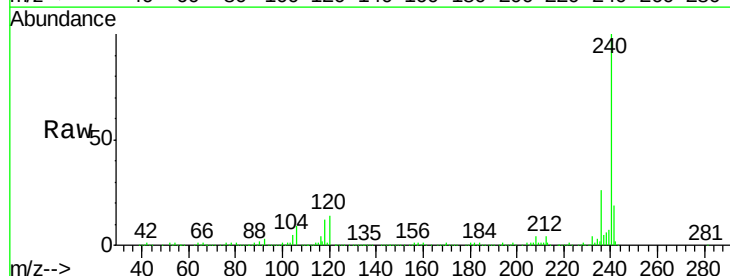


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

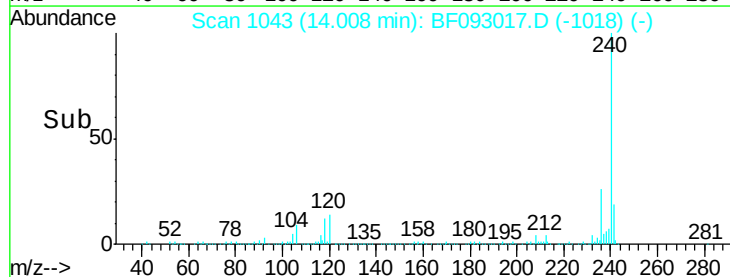
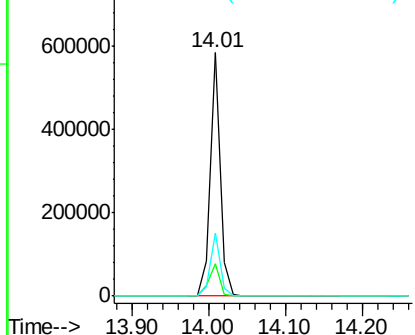


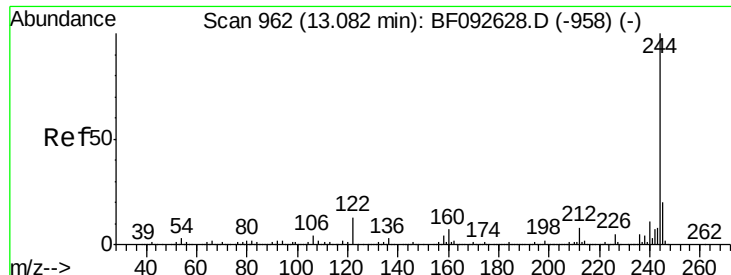
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Tgt Ion:240 Resp: 523960
Ion Ratio Lower Upper
240 100
120 13.5 12.9 19.3
236 25.8 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: 52.30 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

Instrument :

BNA_F

ClientSampleId :

M-3

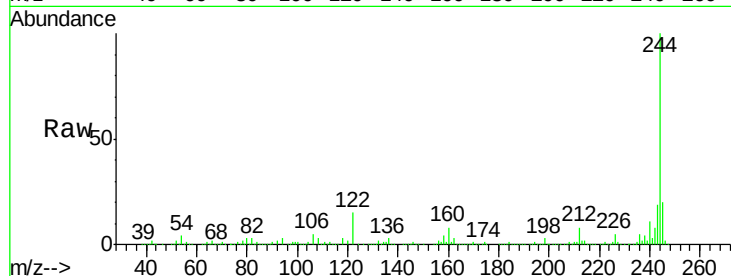
Tgt Ion:244 Resp: 1166199

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

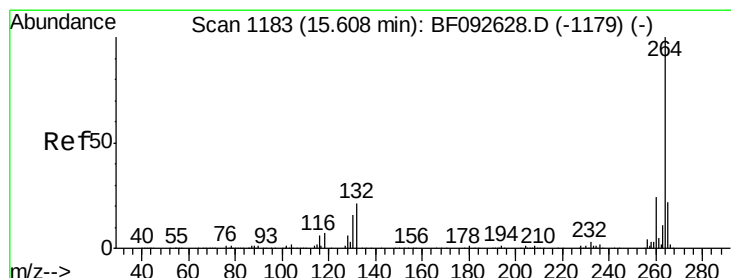
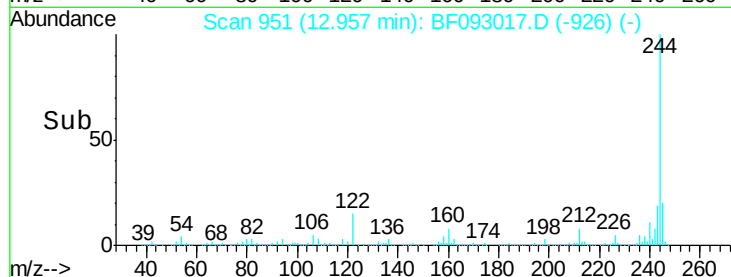
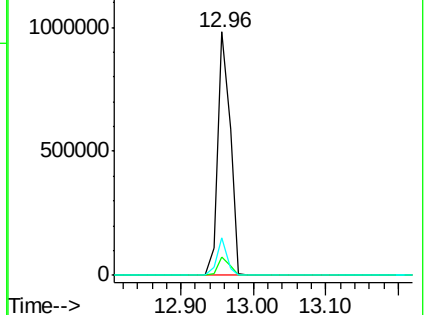
122 15.2 11.4 17.2



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: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

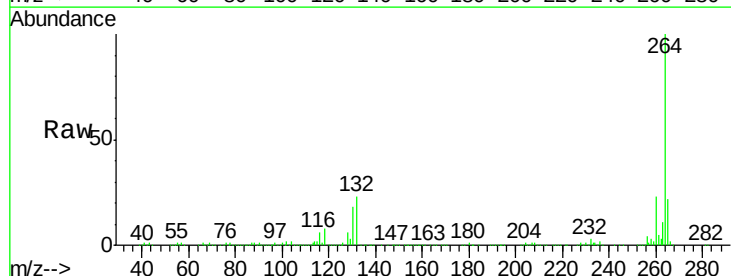
Tgt Ion:264 Resp: 404270

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.6 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

