

Data File : BF108841.D
Acq On : 6 Sep 2018 23:25
Operator : JU/SJ
Sample : J4803-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J5

Quant Time: Sep 07 01:47:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	229649	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	823007	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	345623	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	541866	20.00	ng	0.00
75) Chrysene-d12	13.87	240	557359	20.00	ng	0.00
86) Perylene-d12	15.27	264	613429	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	968540	69.87	ng	0.00
7) Phenol-d6	6.37	99	1204408	67.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	742432	56.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	212362	64.36	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1261278	62.26	ng	0.00
78) Terphenyl-d14	12.82	244	1005844	42.08	ng	0.00

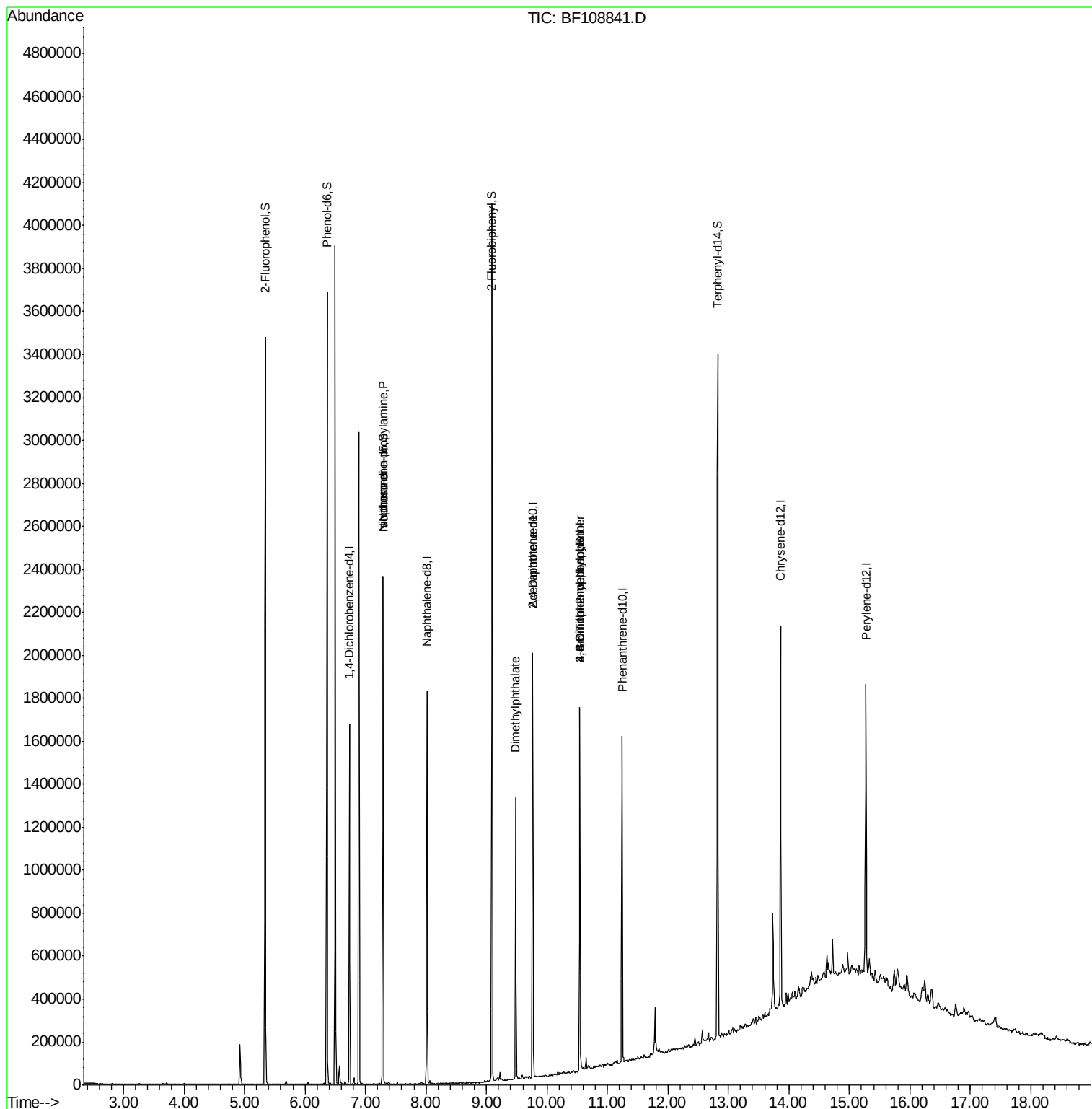
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.29	70	100762	8.127	ng	# 78
25) Isophorone	7.29	82	739288	28.182	ng	# 64
49) Dimethylphthalate	9.48	163	453281	18.751	ng	99
56) 2,4-Dinitrotoluene	9.77	165	44445	7.545	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	373	7.018	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13434	2.195	ng	# 1

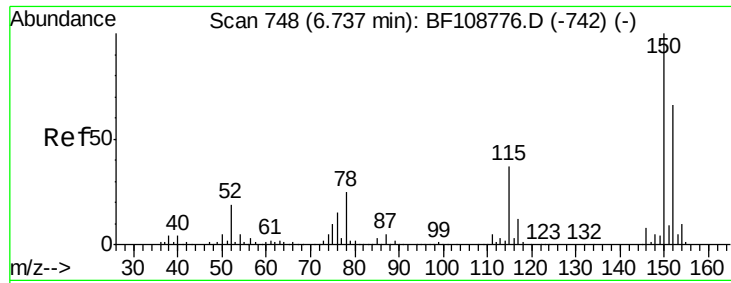
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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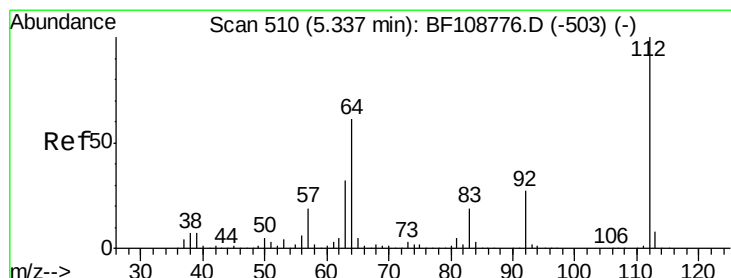
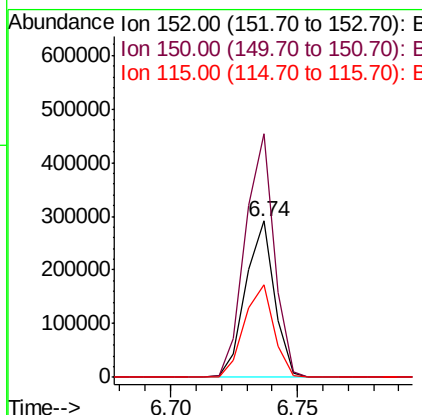
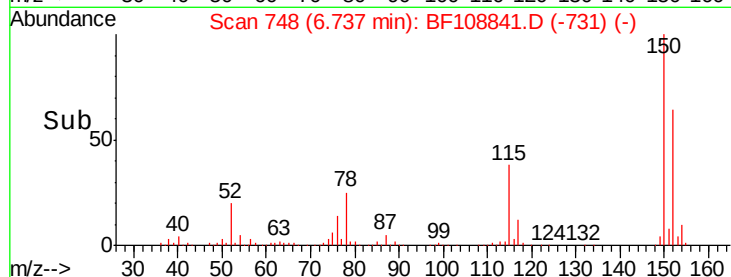
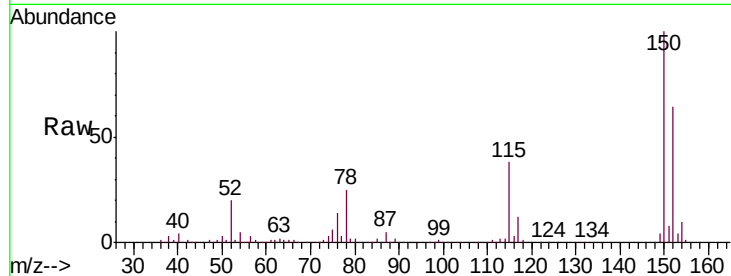




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108841.D
 Acq: 6 Sep 2018 23:25

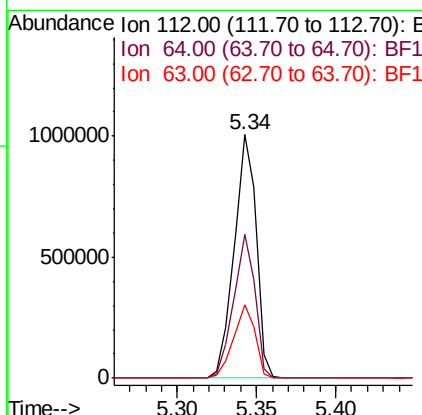
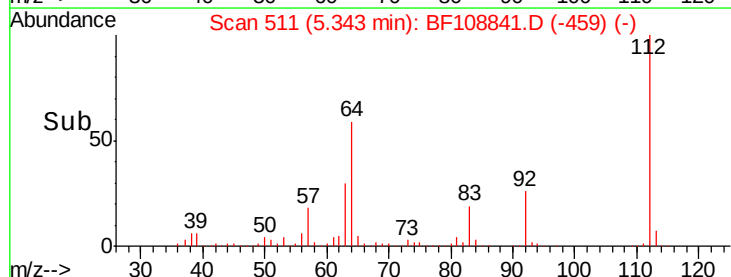
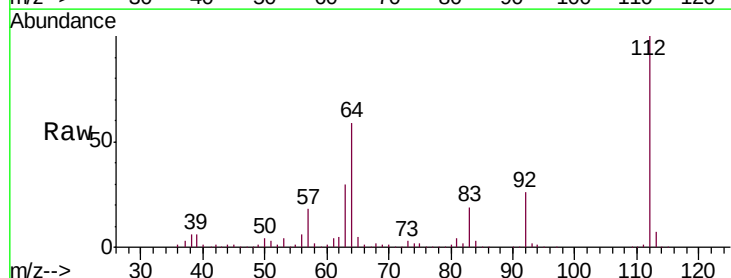
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J5

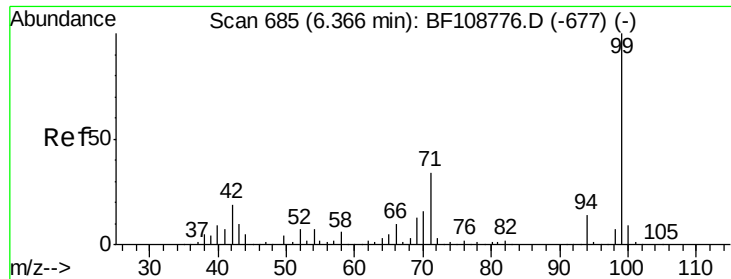
Tgt Ion:152 Resp: 229649
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 59.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 69.870 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108841.D
 Acq: 6 Sep 2018 23:25

Tgt Ion:112 Resp: 968540
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.9 71.9
 63 30.1 23.7 35.5





#7

Phenol-d6

Concen: 67.528 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108841.D

Acq: 6 Sep 2018 23:25

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J5

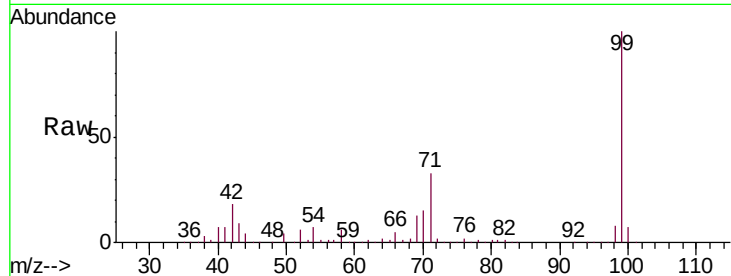
Tgt Ion: 99 Resp: 1204408

Ion Ratio Lower Upper

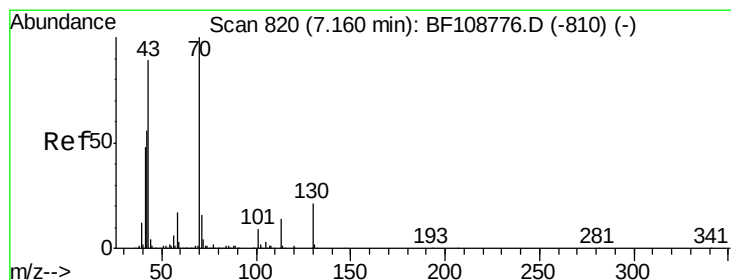
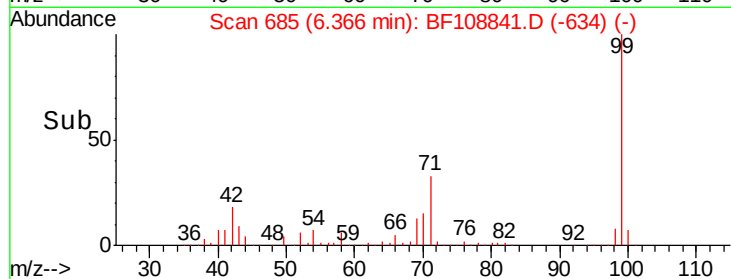
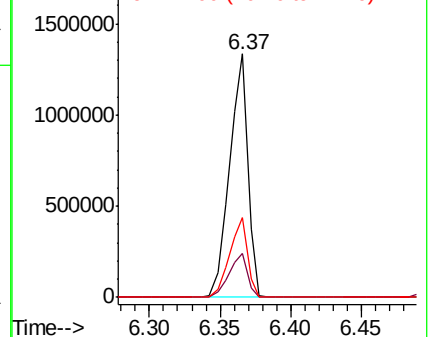
99 100

42 18.3 14.5 21.7

71 32.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 8.127 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108841.D

Acq: 6 Sep 2018 23:25

Tgt Ion: 70 Resp: 100762

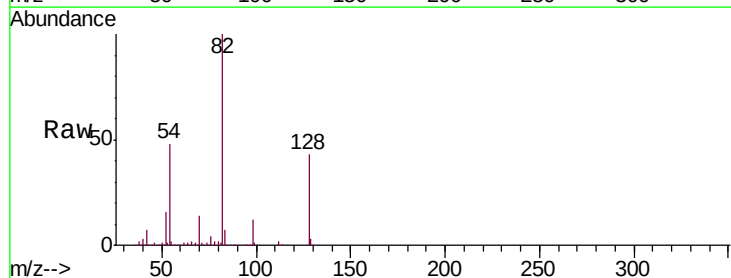
Ion Ratio Lower Upper

70 100

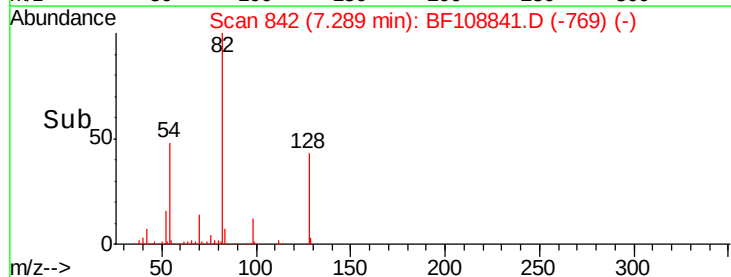
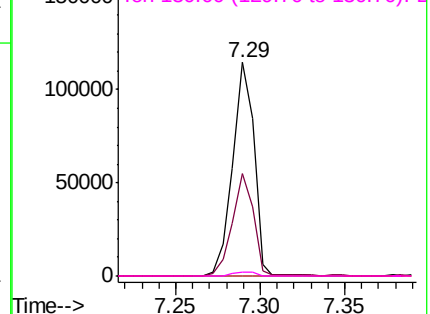
42 47.8 47.5 71.3

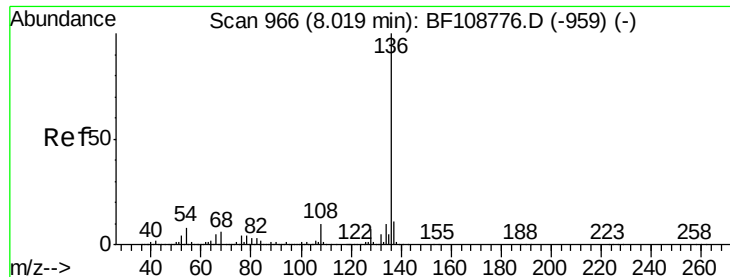
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

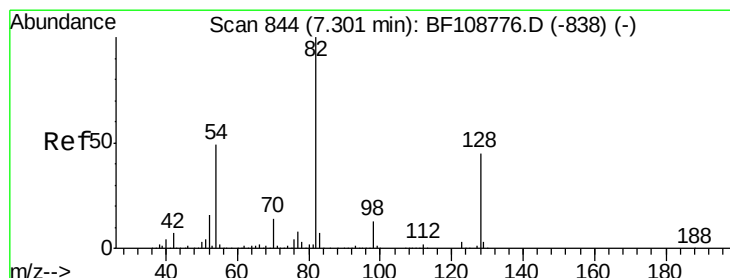
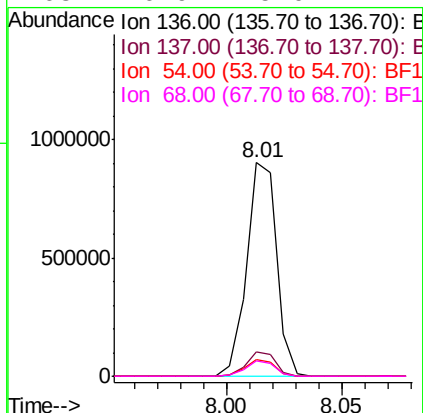
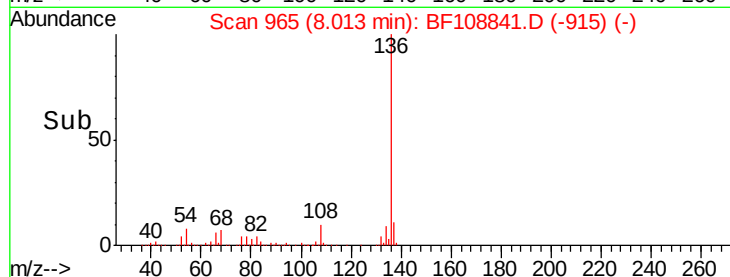
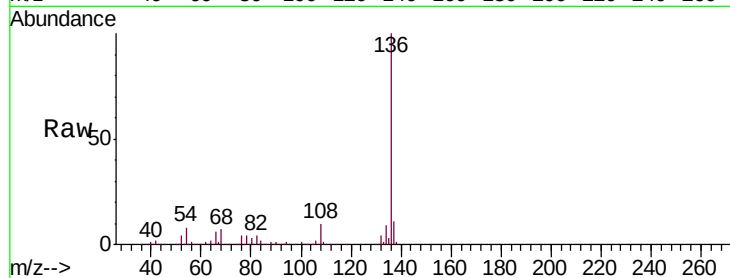




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108841.D
Acq: 6 Sep 2018 23:25

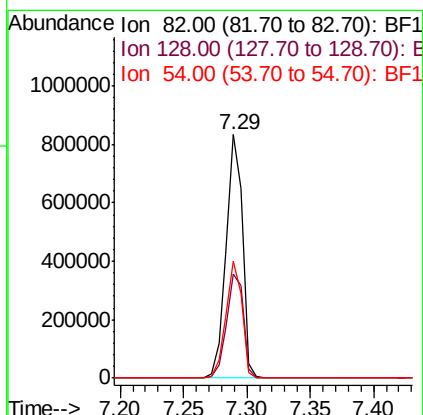
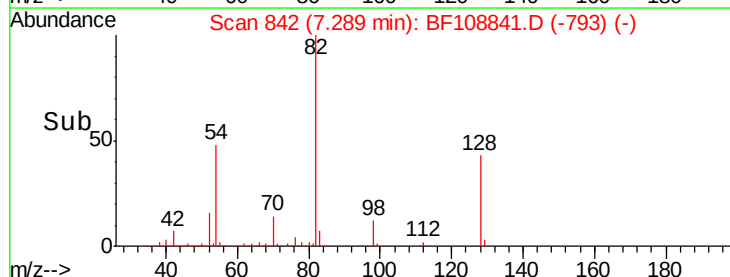
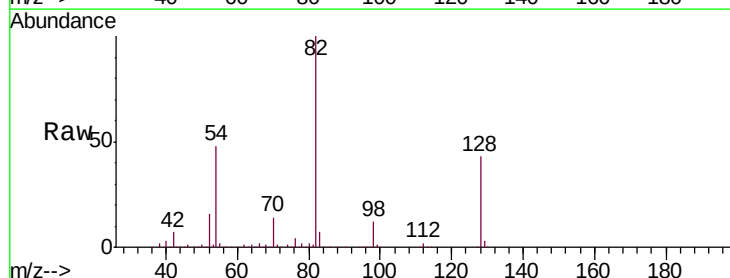
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J5

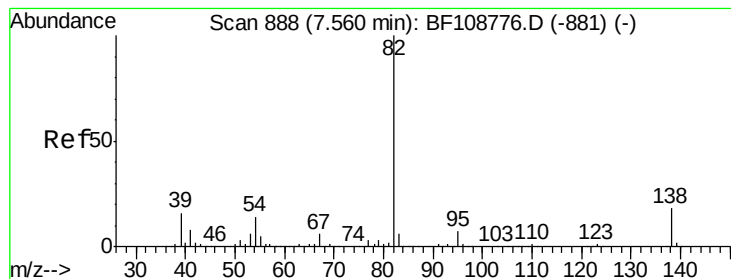
Tgt Ion:	136	Resp:	823007
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.0	6.6	9.8
68	6.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 56.454 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108841.D
Acq: 6 Sep 2018 23:25

Tgt Ion:	82	Resp:	742432
Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	48.1	41.4	62.2





#25

Isophorone

Concen: 28.182 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108841.D

Acq: 6 Sep 2018 23:25

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J5

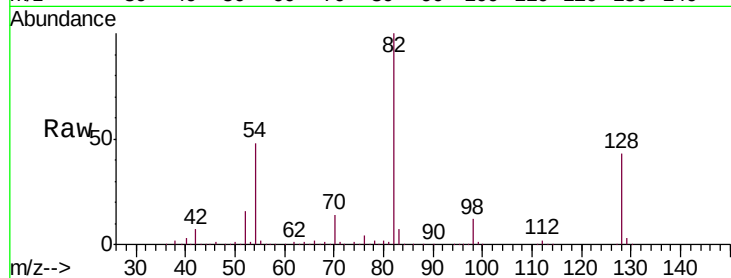
Tgt Ion: 82 Resp: 739288

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

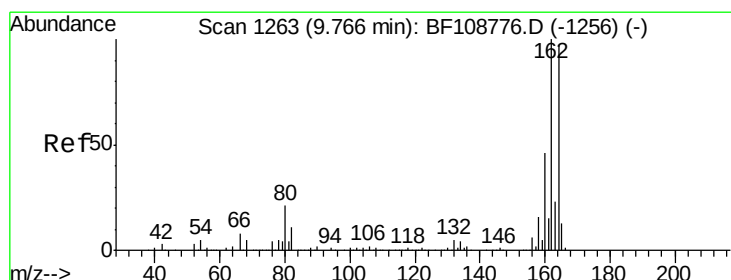
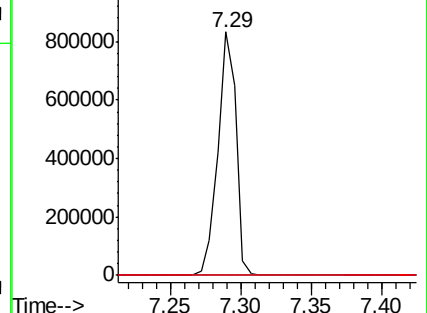
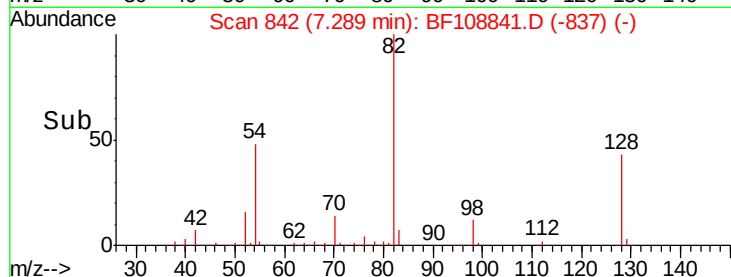
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108841.D

Acq: 6 Sep 2018 23:25

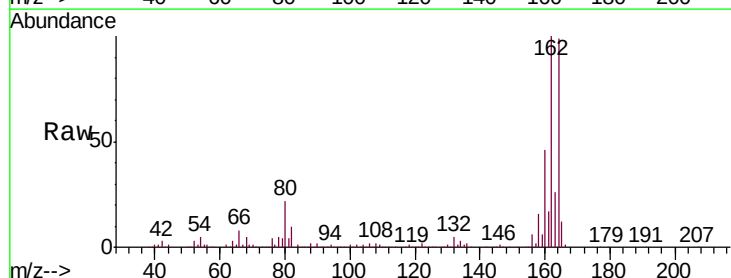
Tgt Ion: 164 Resp: 345623

Ion Ratio Lower Upper

164 100

162 101.0 86.1 129.1

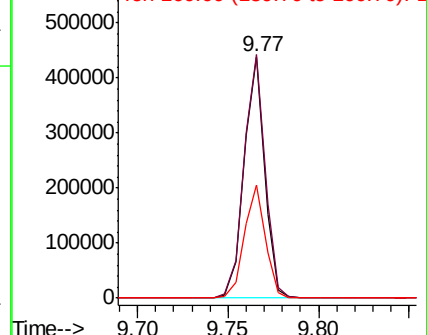
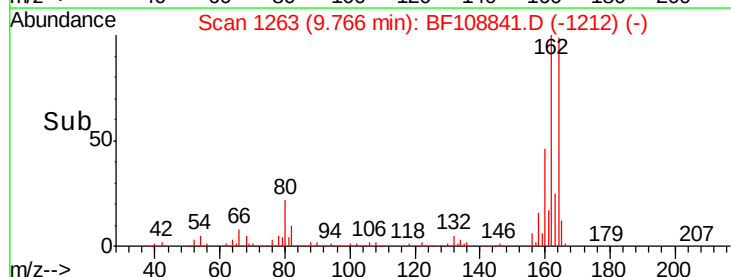
160 46.7 38.3 57.5

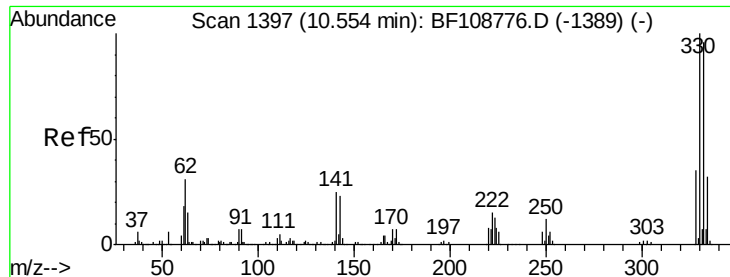


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

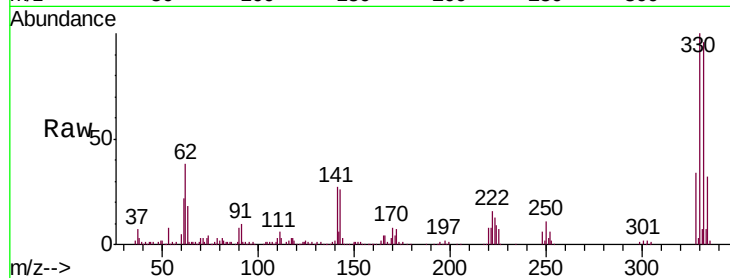




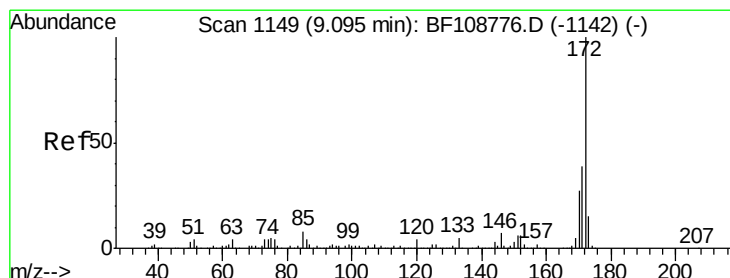
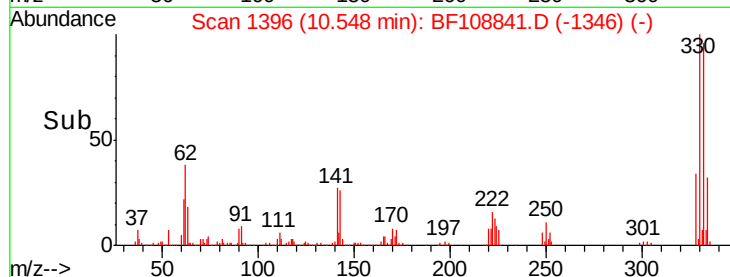
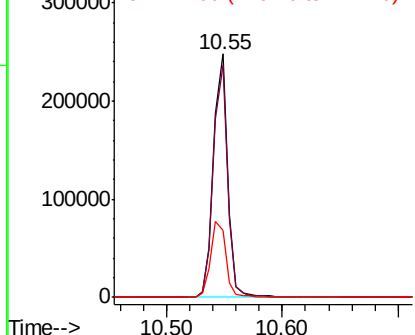
#41
 2,4,6-Tribromophenol
 Concen: 64.362 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108841.D
 Acq: 6 Sep 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.5	29.9	44.9

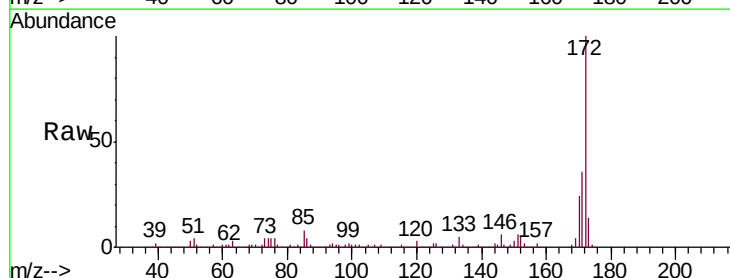


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

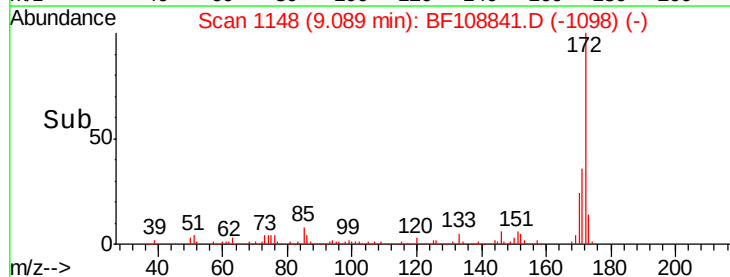
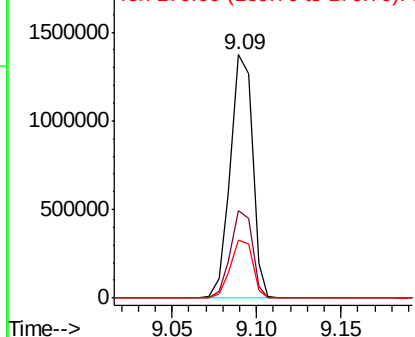


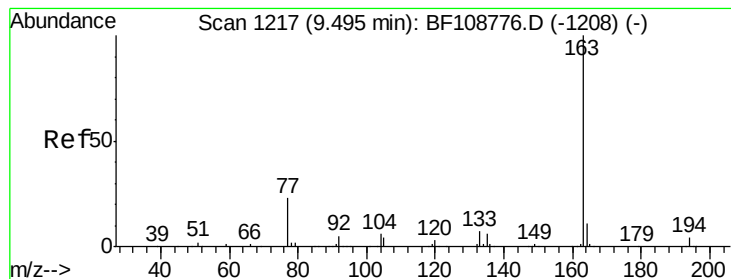
#44
 2-Fluorobiphenyl
 Concen: 62.256 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108841.D
 Acq: 6 Sep 2018 23:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4



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: 18.751 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108841.D

Acq: 6 Sep 2018 23:25

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J5

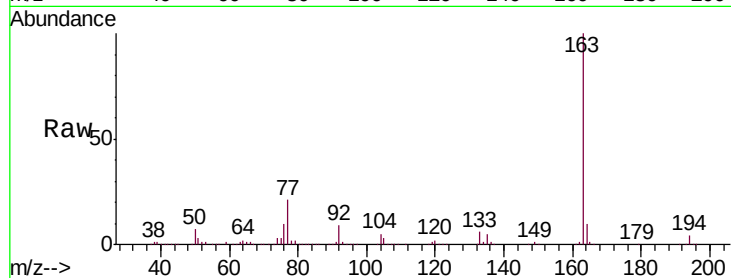
Tgt Ion:163 Resp: 453281

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

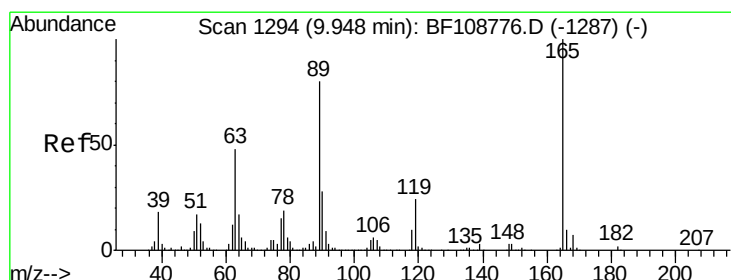
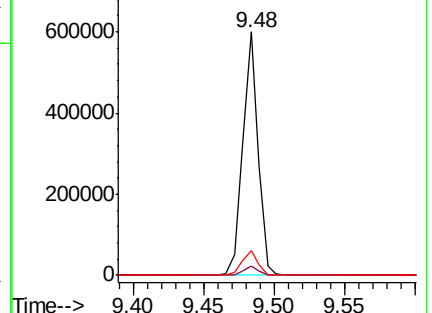
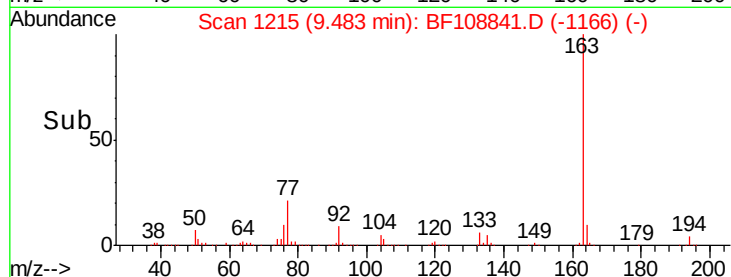
164 10.2 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 7.545 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.18 min

Lab File: BF108841.D

Acq: 6 Sep 2018 23:25

Tgt Ion:165 Resp: 44445

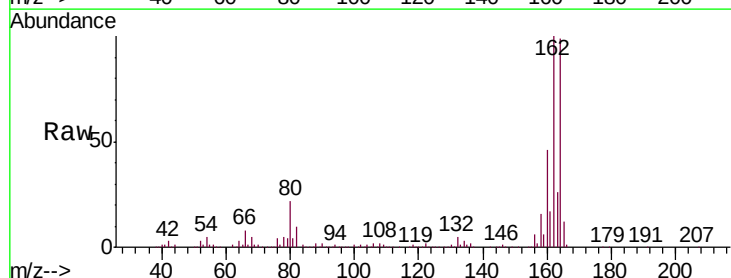
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

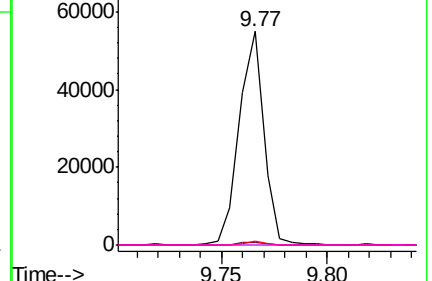
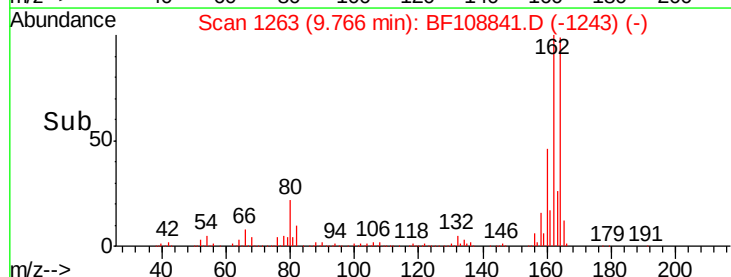


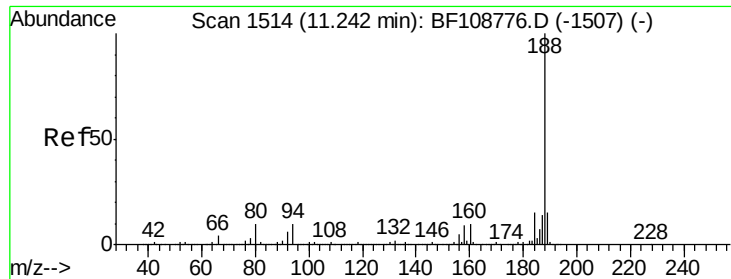
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

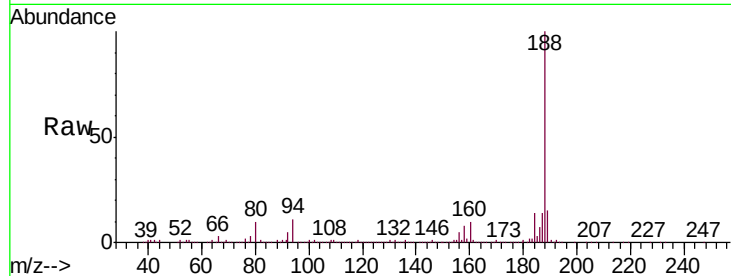




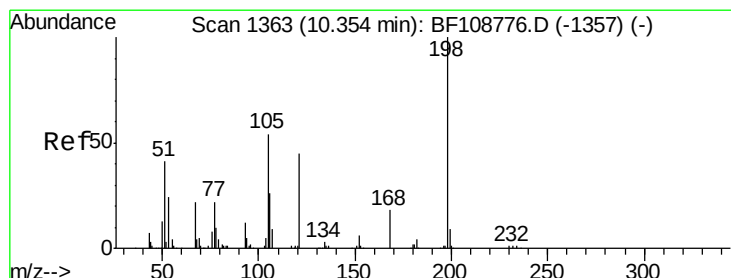
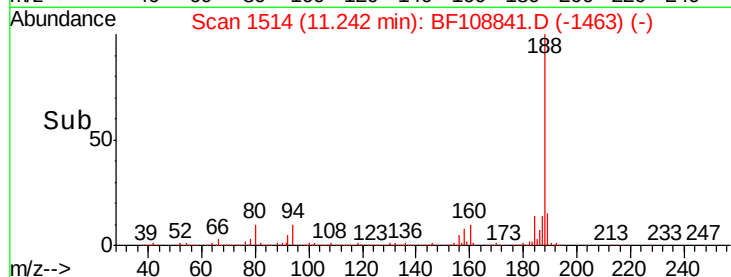
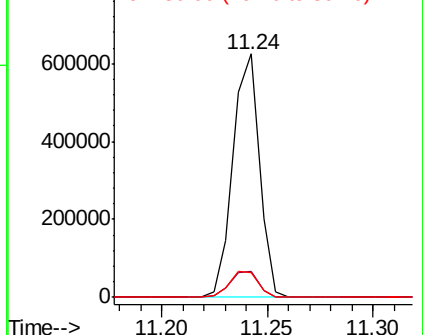
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108841.D
 Acq: 6 Sep 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J5

Tgt Ion:188 Resp: 541866
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 10.4 9.2 13.8

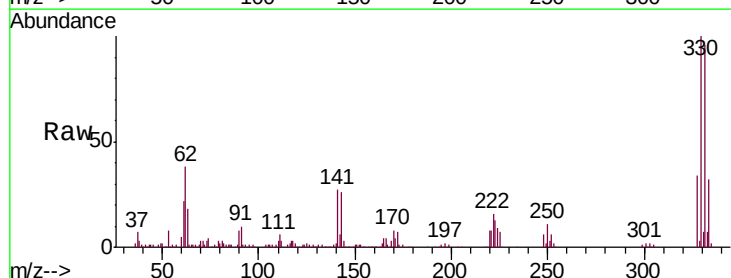


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.018 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108841.D
 Acq: 6 Sep 2018 23:25

Tgt Ion:198 Resp: 373
 Ion Ratio Lower Upper
 198 100
 51 159.8 37.7 77.7#
 105 245.3 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

