

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
 Data File : BF113891.D
 Acq On : 22 Apr 2019 21:24
 Operator : JU/SJ
 Sample : K2515-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: Apr 23 03:55:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

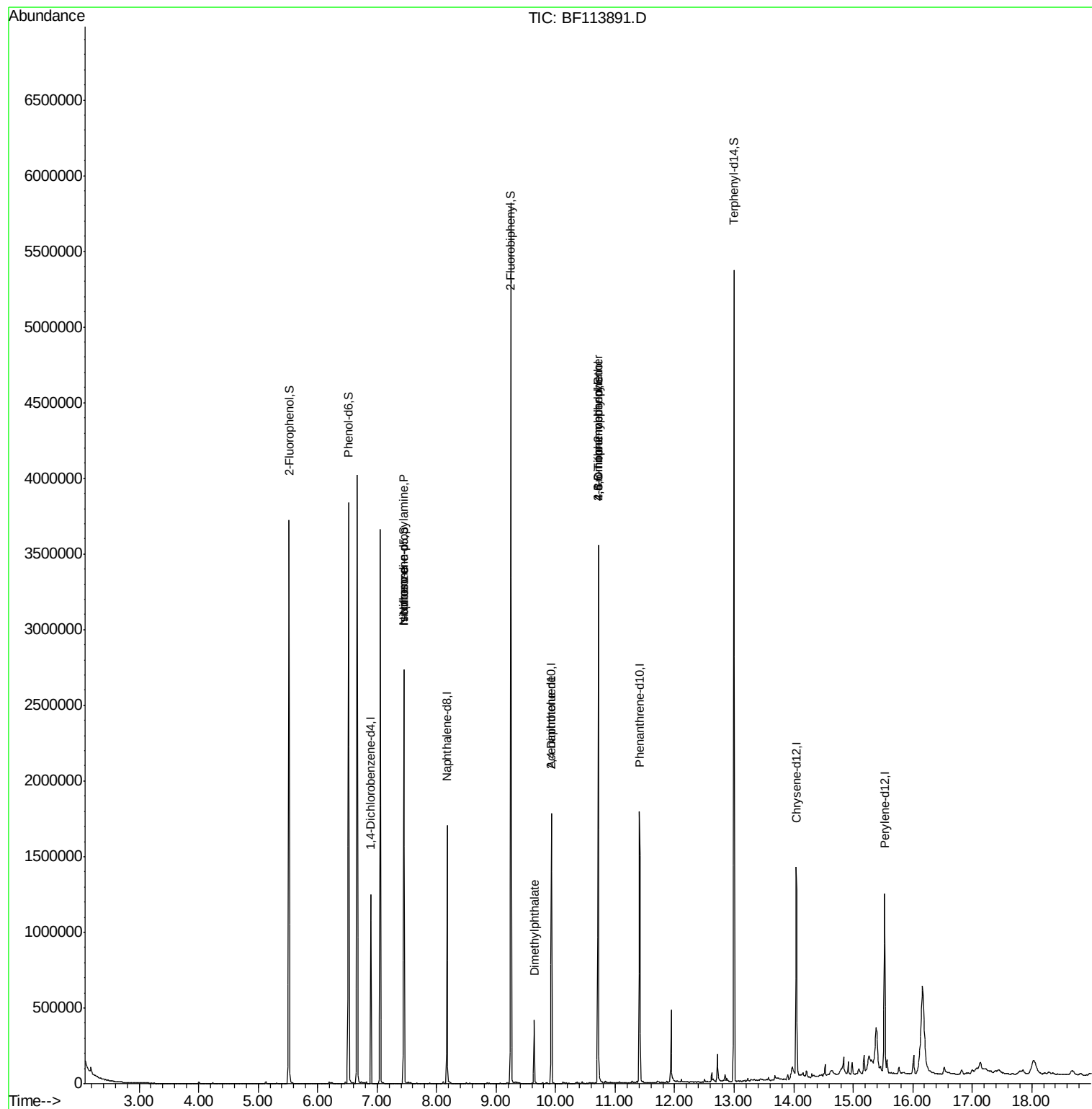
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	189257	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	701093	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	355952	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	661361	20.00	ng	0.00
76) Chrysene-d12	14.04	240	471310	20.00	ng	-0.02
87) Perylene-d12	15.53	264	576357	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1142383	103.24	ng	0.00
7) Phenol-d6	6.52	99	1506621	108.52	ng	0.00
23) Nitrobenzene-d5	7.45	82	919097	80.94	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	493800	113.88	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1803460	79.24	ng	0.00
79) Terphenyl-d14	13.00	244	1890949	82.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	27855	Below Cal		80
19) n-Nitroso-di-n-propylamine	7.45	70	123374	13.723 ng	#	79
25) Isophorone	7.45	82	919080	39.558 ng	#	65
50) Dimethylphthalate	9.64	163	162984	6.331 ng		99
57) 2,4-Dinitrotoluene	9.93	165	45089	6.468 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	994	7.586 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	29966	3.751 ng	#	1

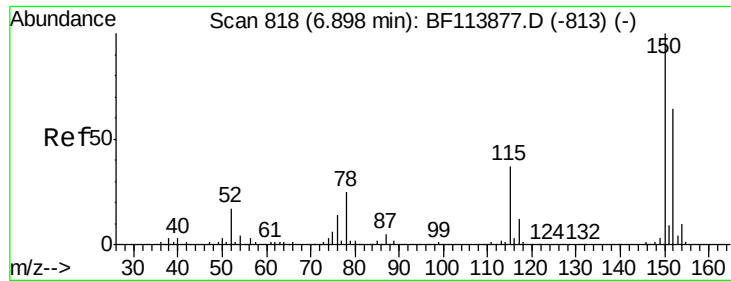
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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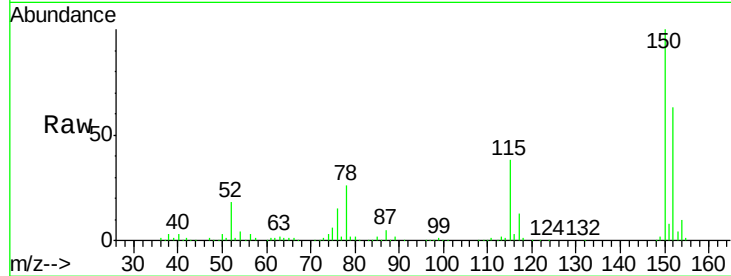


#1

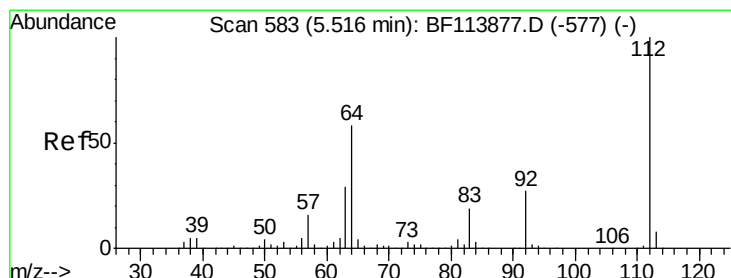
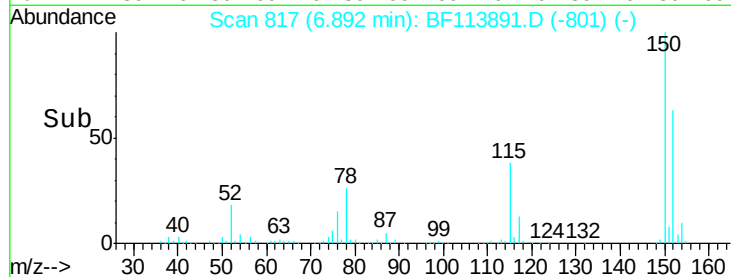
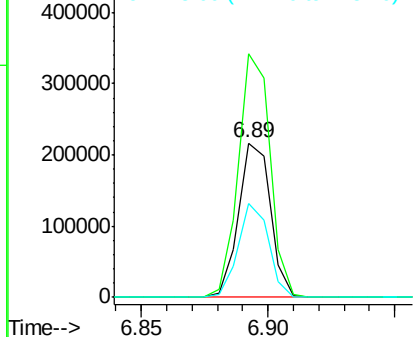
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113891.D
Acq: 22 Apr 2019 21:24

Instrument :
BNA_F
ClientSampleId :
TP-15

Tot Ion:152 Resp: 189257
Ion Ratio Lower Upper
152 100
150 157.8 125.9 188.9
115 60.6 45.9 68.9



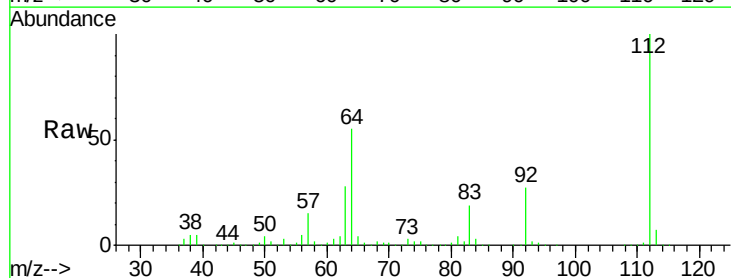
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



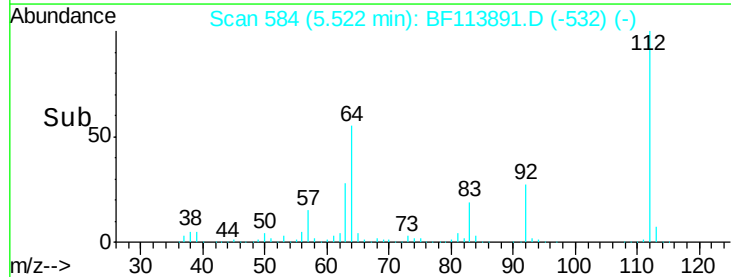
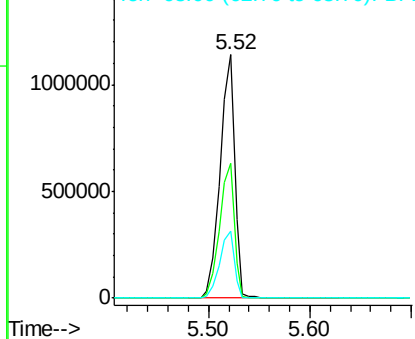
#5

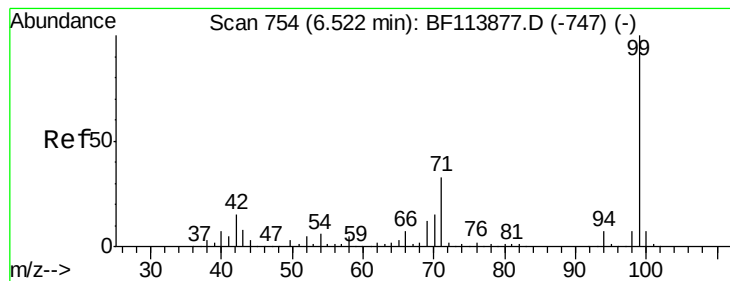
2-Fluorophenol
Concen: 103.240 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113891.D
Acq: 22 Apr 2019 21:24

Tgt Ion:112 Resp: 1142383
Ion Ratio Lower Upper
112 100
64 55.3 46.6 69.8
63 27.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 108.524 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113891.D

Acq: 22 Apr 2019 21:24

Instrument :

BNA_F

ClientSampleId :

TP-15

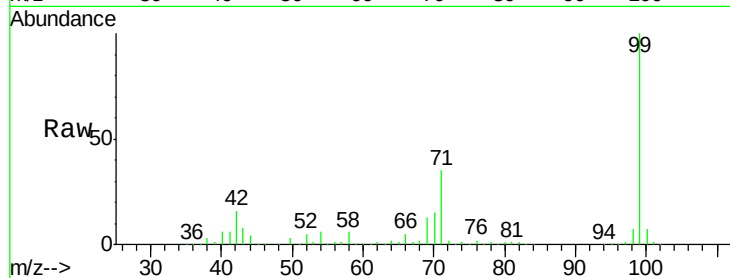
Tot Ion: 99 Resp: 1506621

Ion Ratio Lower Upper

99 100

42 15.9 12.5 18.7

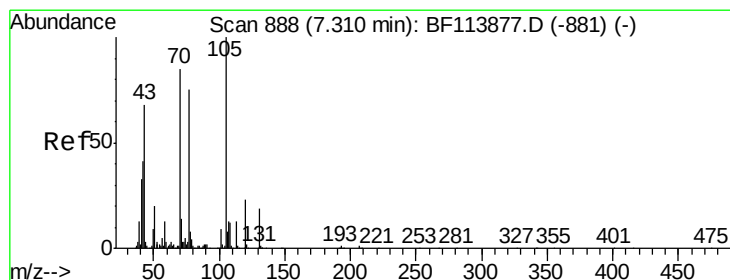
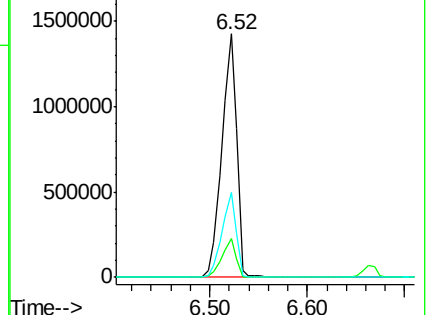
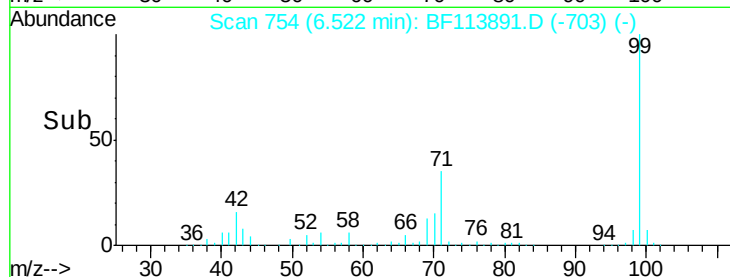
71 35.1 26.9 40.3



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: 13.723 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113891.D

Acq: 22 Apr 2019 21:24

Tgt Ion: 70 Resp: 123374

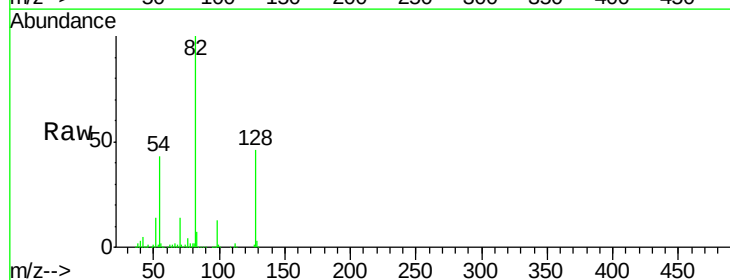
Ion Ratio Lower Upper

70 100

42 40.2 37.3 55.9

101 0.0 7.8 11.8#

130 1.9 18.2 27.2#

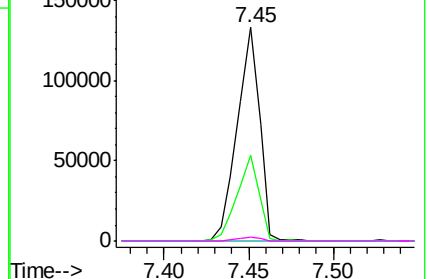
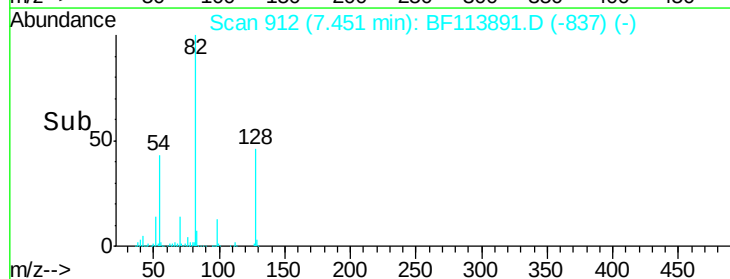


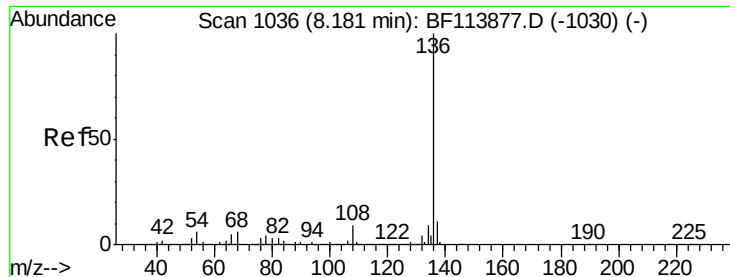
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

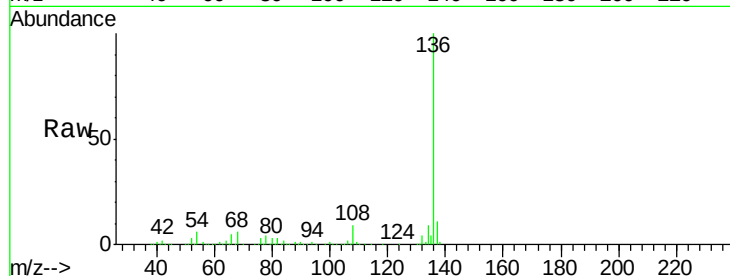




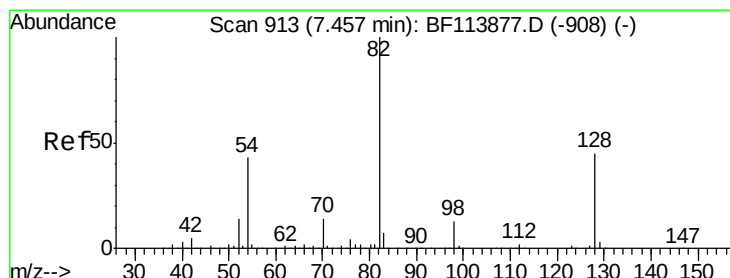
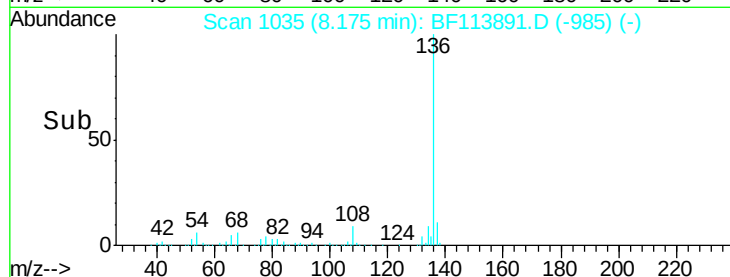
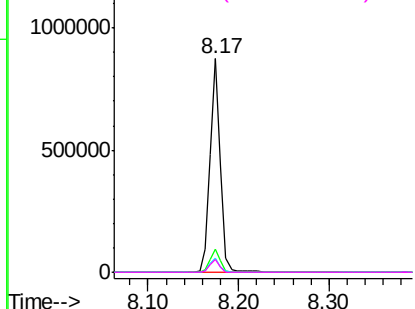
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113891.D
Acq: 22 Apr 2019 21:24

Instrument :
BNA_F
ClientSampleId :
TP-15

Tot Ion:136	Resp:	701093
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 12.8
54	6.5	5.0 7.6
68	6.3	4.9 7.3

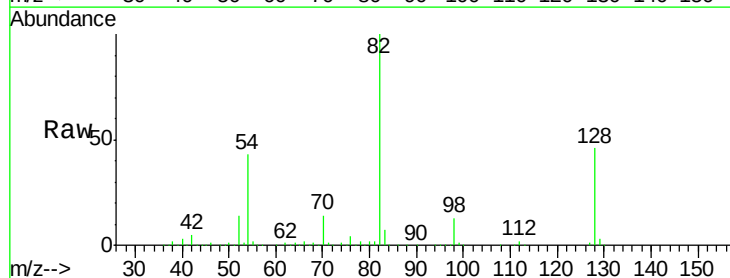


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

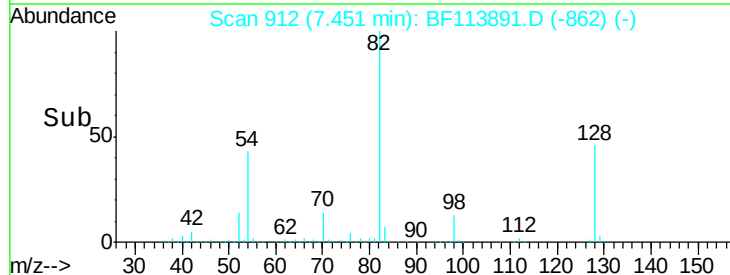
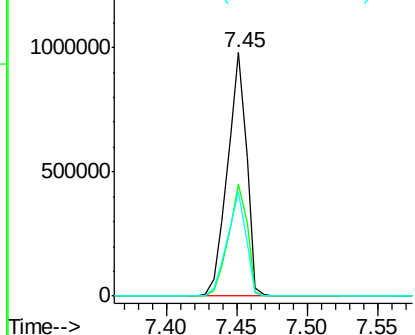


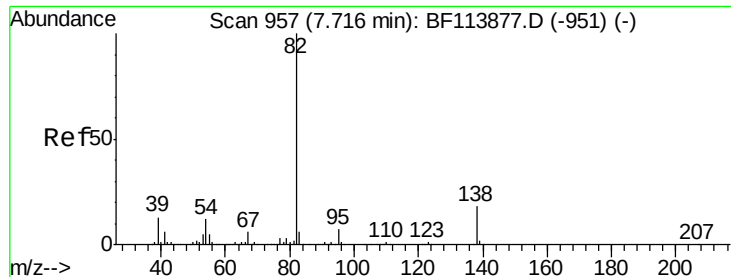
#23
Nitrobenzene-d5
Concen: 80.943 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113891.D
Acq: 22 Apr 2019 21:24

Tgt Ion: 82	Resp:	919097
Ion	Ratio	Lower Upper
82	100	
128	46.2	36.8 55.2
54	42.9	33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.558 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113891.D

Acq: 22 Apr 2019 21:24

Instrument :

BNA_F

ClientSampleId :

TP-15

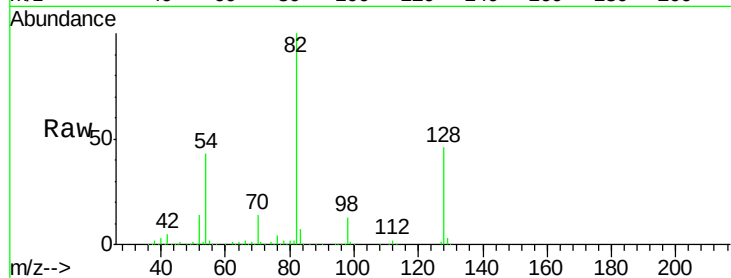
Tot Ion: 82 Resp: 919080

Ion Ratio Lower Upper

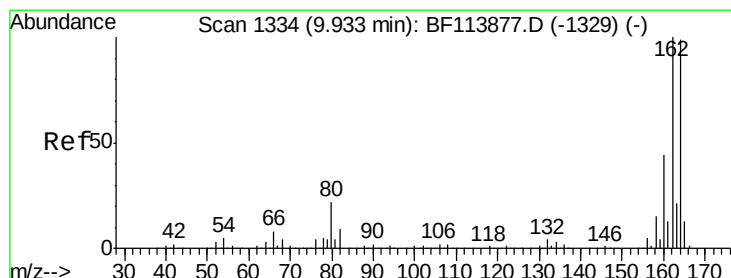
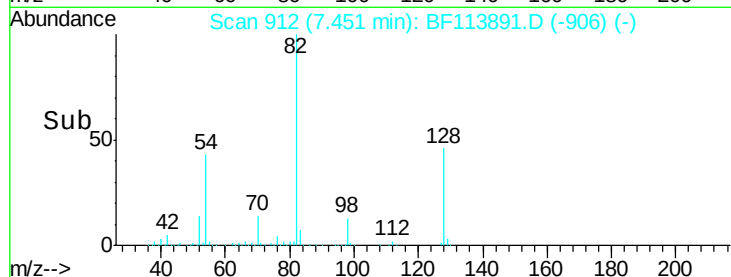
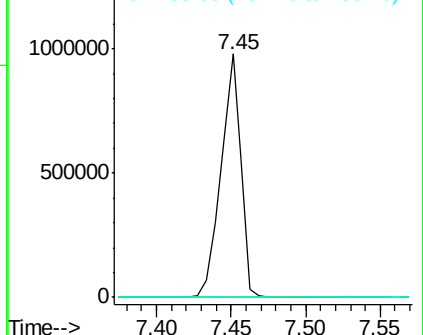
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 22.0#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113891.D

Acq: 22 Apr 2019 21:24

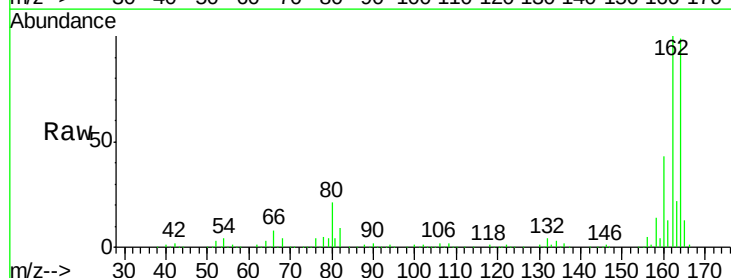
Tgt Ion:164 Resp: 355952

Ion Ratio Lower Upper

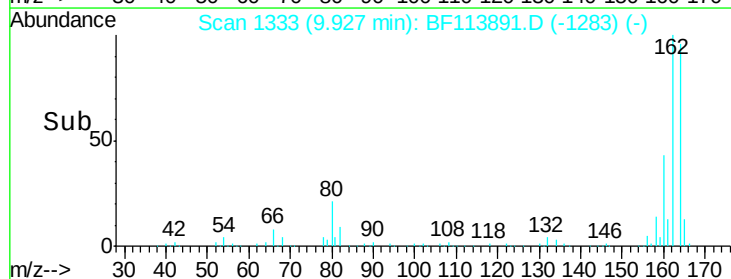
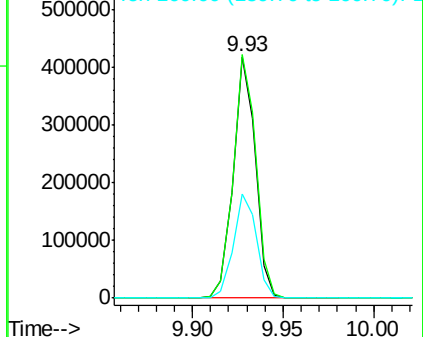
164 100

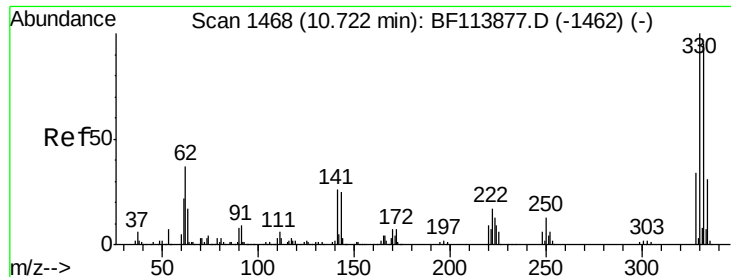
162 101.0 81.1 121.7

160 43.4 35.8 53.6



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





#42

2,4,6-Tribromophenol

Concen: 113.878 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF113891.D

Acq: 22 Apr 2019 21:24

Instrument :

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ClientSampleId :

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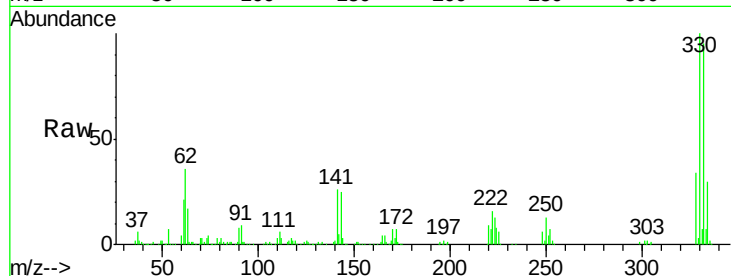
Tot Ion:330 Resp: 493800

Ion Ratio Lower Upper

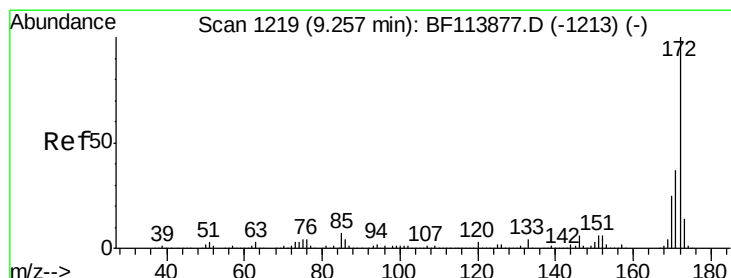
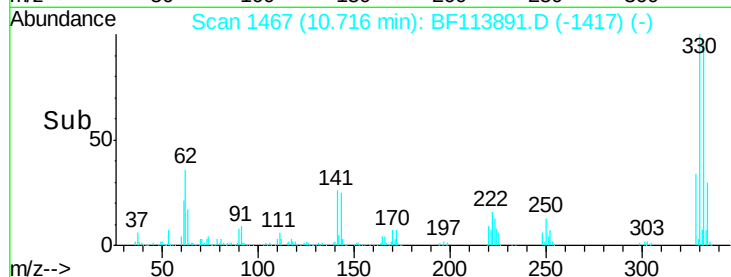
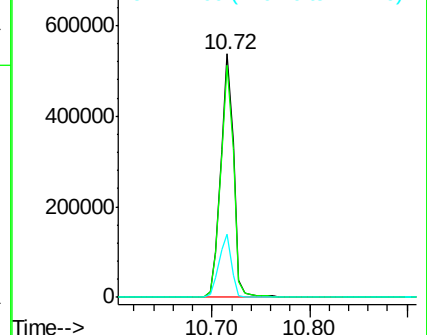
330 100

332 96.2 77.5 116.3

141 25.5 22.2 33.2



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



#45

2-Fluorobiphenyl

Concen: 79.243 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF113891.D

Acq: 22 Apr 2019 21:24

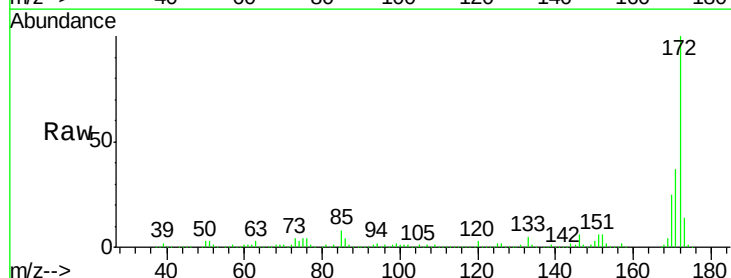
Tgt Ion:172 Resp: 1803460

Ion Ratio Lower Upper

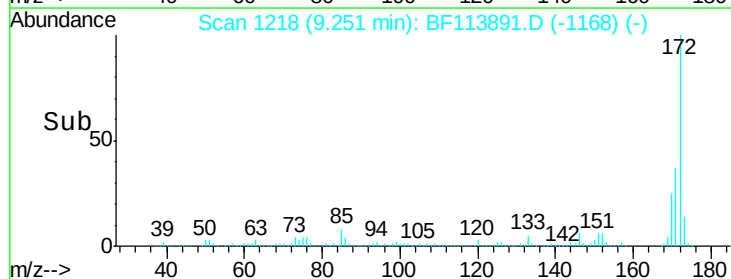
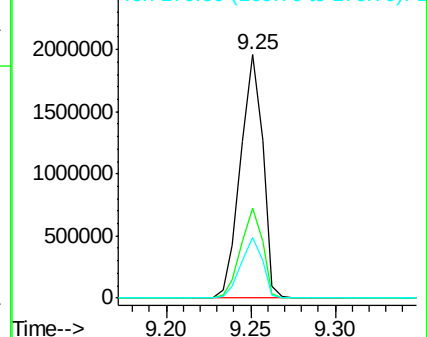
172 100

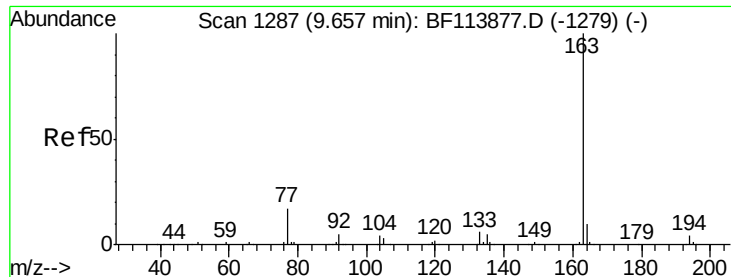
171 36.9 29.4 44.0

170 25.1 19.9 29.9



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





#50

Dimethylphthalate

Concen: 6.331 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113891.D

Acq: 22 Apr 2019 21:24

Instrument :

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ClientSampleId :

TP-15

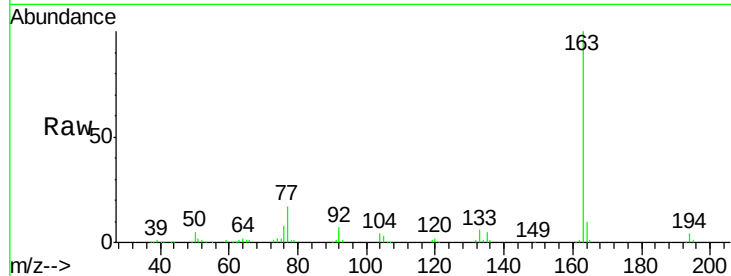
Tot Ion:163 Resp: 162984

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

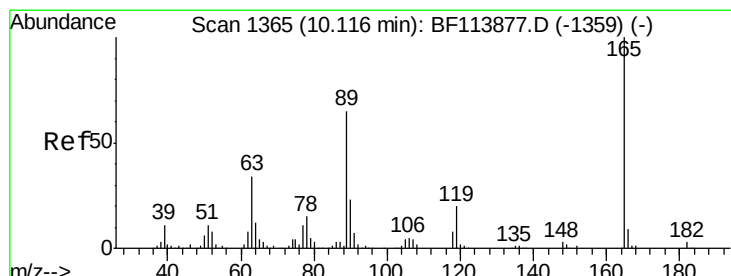
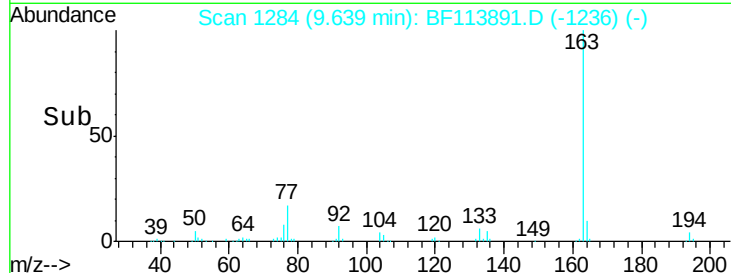
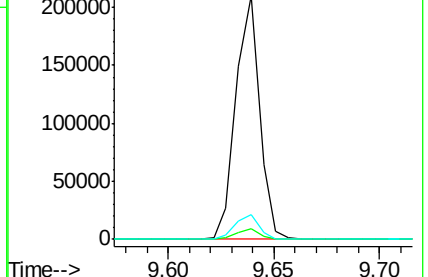
164 10.1 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 6.468 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.19 min

Lab File: BF113891.D

Acq: 22 Apr 2019 21:24

Tgt Ion:165 Resp: 45089

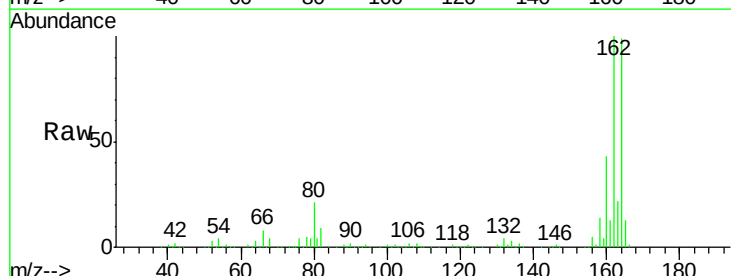
Ion Ratio Lower Upper

165 100

63 1.0 27.4 41.0#

89 1.0 51.8 77.6#

182 0.0 2.2 3.2#

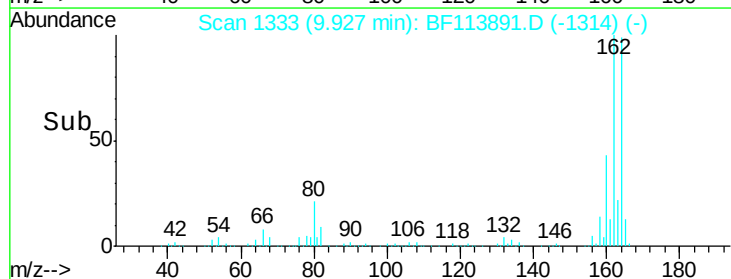
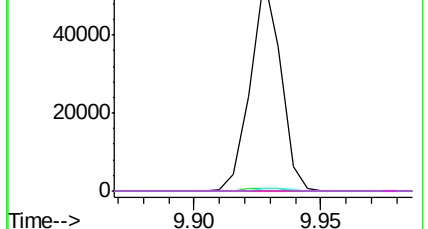


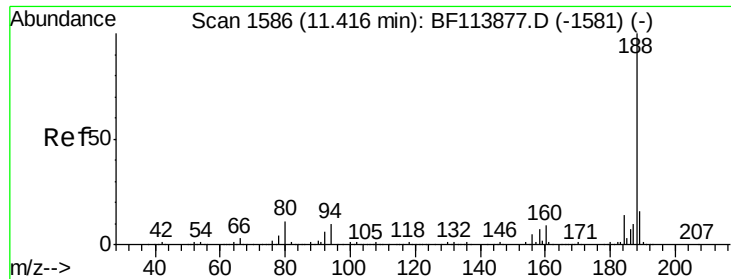
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF113891.D

Acq: 22 Apr 2019 21:24

Instrument :

BNA_F

ClientSampled :

TP-15

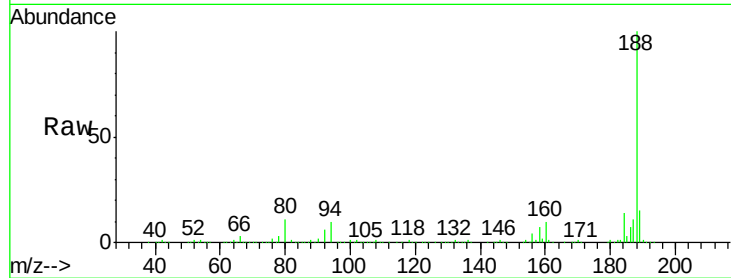
Tot Ion:188 Resp: 661361

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.4

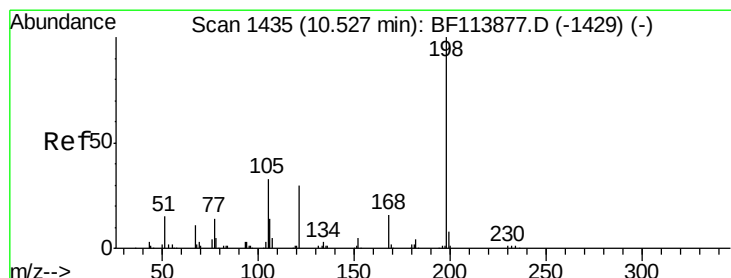
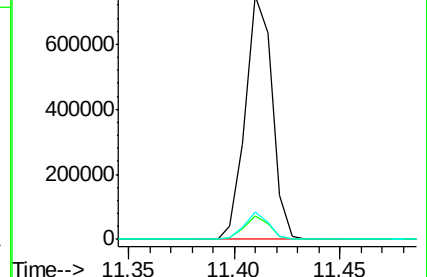
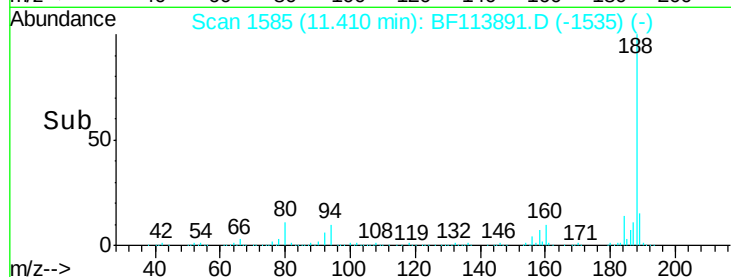
80 11.0 9.0 13.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.586 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.19 min

Lab File: BF113891.D

Acq: 22 Apr 2019 21:24

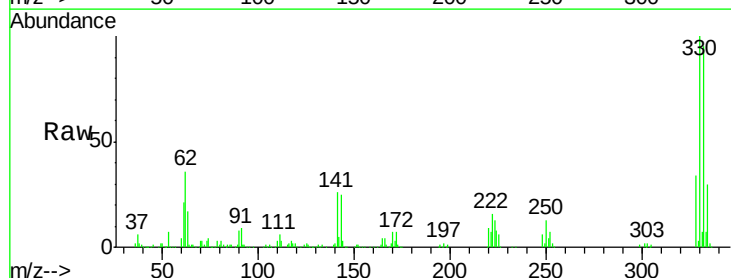
Tgt Ion:198 Resp: 994

Ion Ratio Lower Upper

198 100

51 120.9 11.1 51.1#

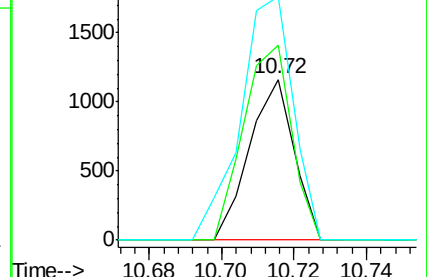
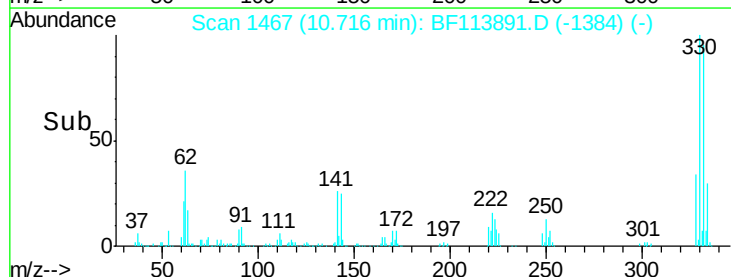
105 151.2 20.7 60.7#

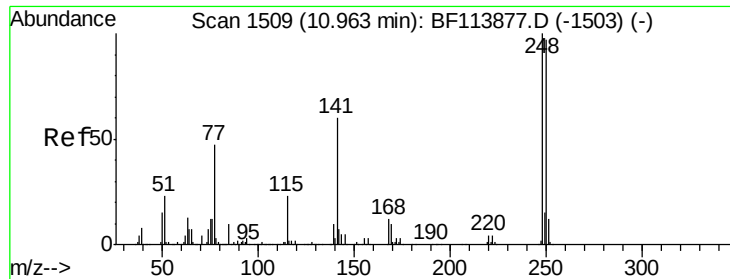


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

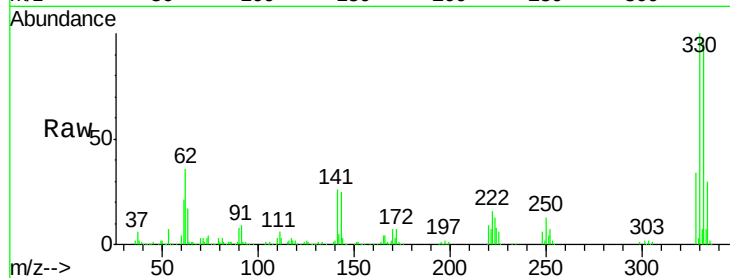




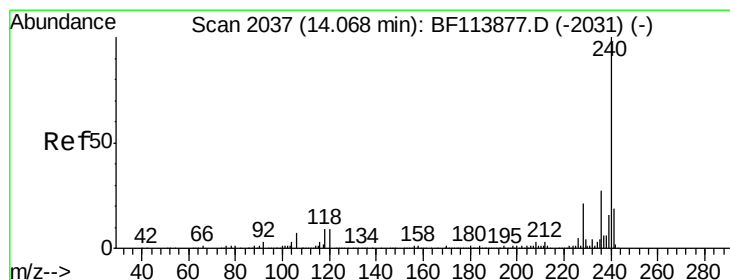
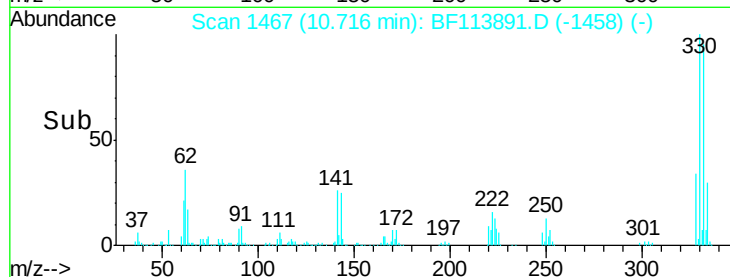
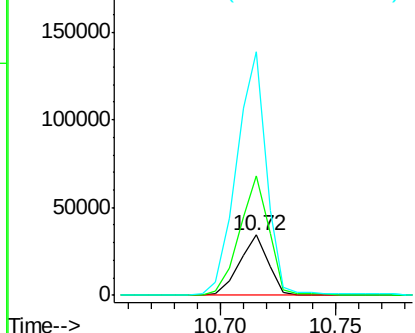
#67
4-Bromophenyl-phenylether
Concen: 3.751 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF113891.D
Acq: 22 Apr 2019 21:24

Instrument :
BNA_F
ClientSampleId :
TP-15

Tot Ion:248 Resp: 29966
Ion Ratio Lower Upper
248 100
250 197.3 75.8 113.6#
141 404.1 50.2 75.4#

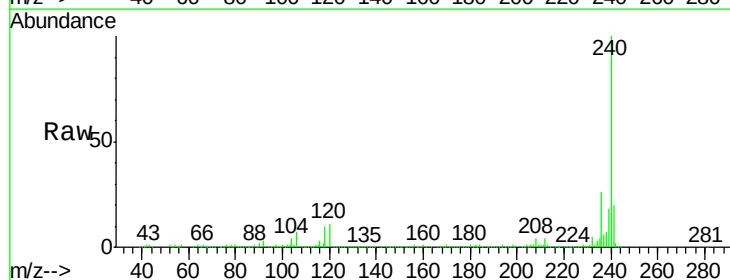


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

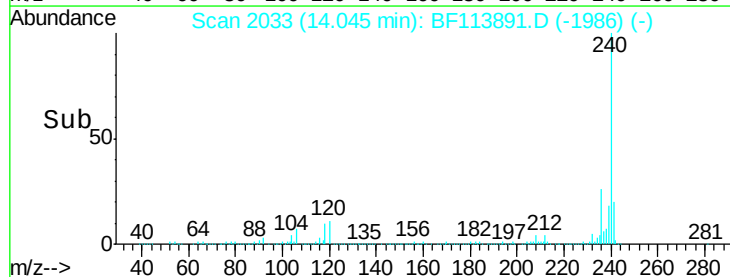
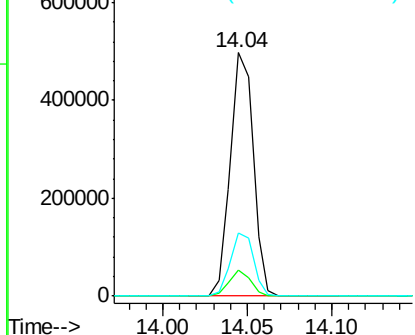


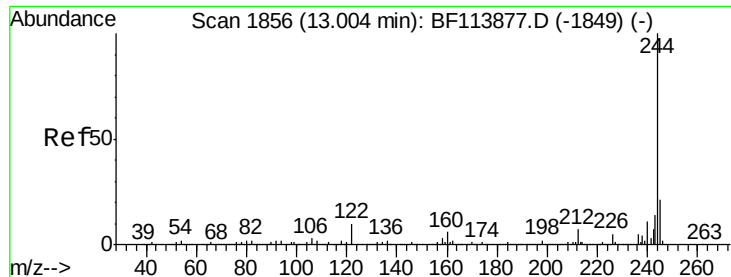
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF113891.D
Acq: 22 Apr 2019 21:24

Tgt Ion:240 Resp: 471310
Ion Ratio Lower Upper
240 100
120 10.9 9.3 13.9
236 25.9 21.2 31.8



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

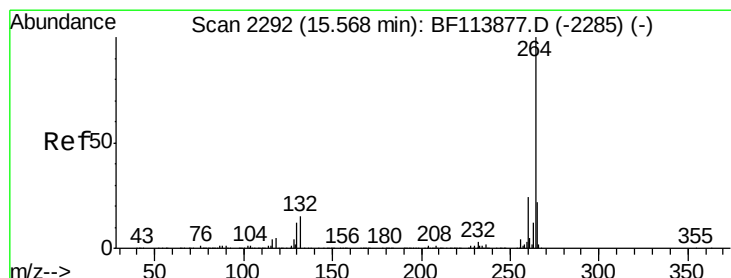
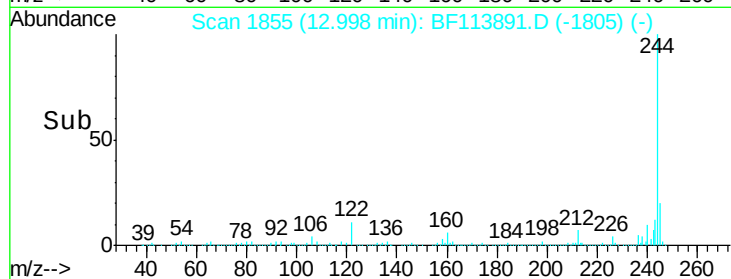
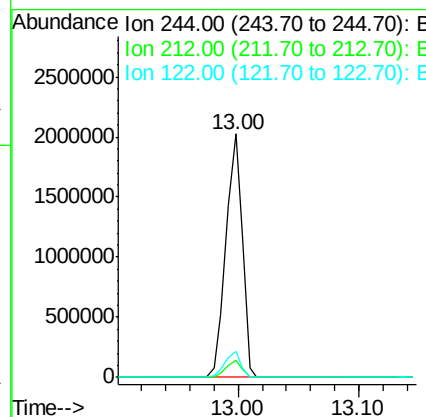
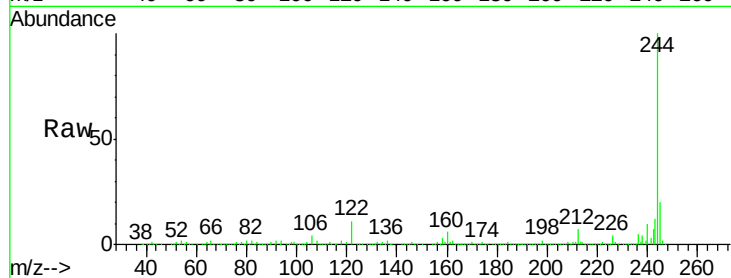




#79
 Terphenyl-d14
 Concen: 82.254 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF113891.D
 Acq: 22 Apr 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Tot Ion:244 Resp: 1890949
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.6 7.6 11.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: BF113891.D
 Acq: 22 Apr 2019 21:24

Tgt Ion:264 Resp: 576357
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.7 17.3 25.9

