

Data File : BF114772.D
Acq On : 1 Jun 2019 22:56
Operator : HP/JU
Sample : K2639-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-B

Quant Time: Jun 03 01:48:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	372879	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1351188	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	608069	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1016412	20.00	ng	0.00
76) Chrysene-d12	13.82	240	804094	20.00	ng	0.00
87) Perylene-d12	15.20	264	705211	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2526053	118.94	ng	0.02
7) Phenol-d6	6.33	99	2807536	109.70	ng	0.00
23) Nitrobenzene-d5	7.26	82	2016010	93.09	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	773315	133.47	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3520028	114.25	ng	0.00
79) Terphenyl-d14	12.78	244	3095362	72.38	ng	0.00

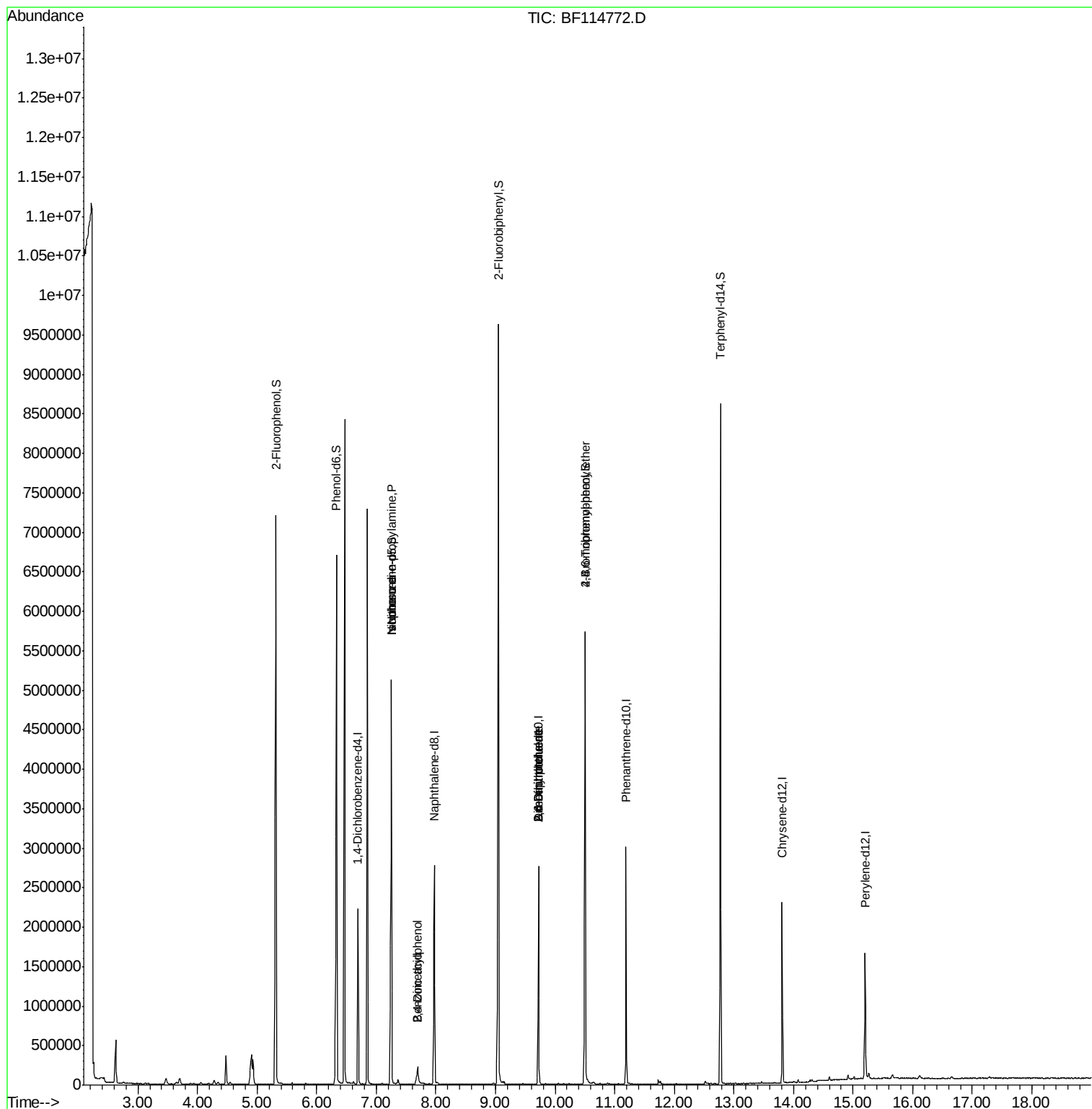
Target Compounds				Qvalue		
9) Benzaldehyde	6.47	77	60708	Below Cal		81
19) n-Nitroso-di-n-propylamine	7.26	70	275769	15.611 ng	#	75
25) Isophorone	7.26	82	1856700	42.718 ng	#	63
27) 2,4-Dimethylphenol	7.70	122	102434	5.500 ng	#	5
32) Benzoic acid	7.70	122	102434	8.468 ng		98
50) Dimethylphthalate	9.72	163	167747	3.959 ng	#	1
51) 2,6-Dinitrotoluene	9.72	165	75764	7.695 ng	#	31
57) 2,4-Dinitrotoluene	9.72	165	75764	5.996 ng	#	24
58) Fluorene	10.26	166	1276	Below Cal	#	78
61) 4-Chlorophenyl-phenylether	10.49	204	218	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.50	248	48307	4.432 ng	#	1
74) Di-n-butylphthalate	11.77	149	14112	Below Cal		97

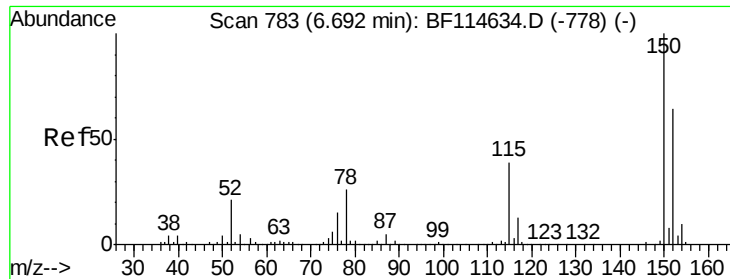
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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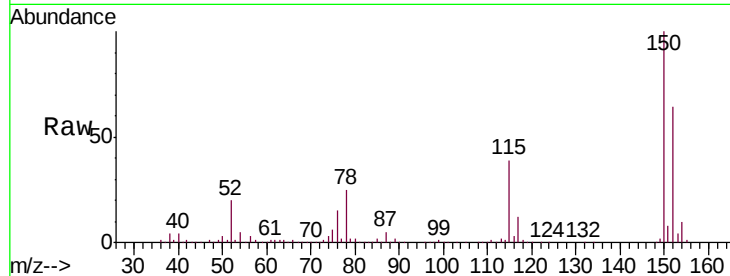


#1

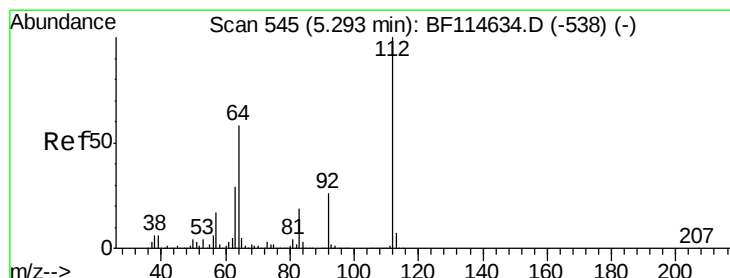
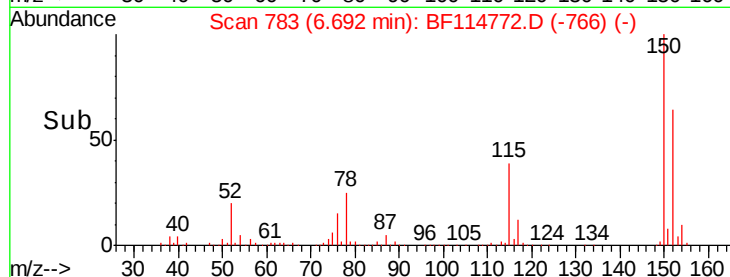
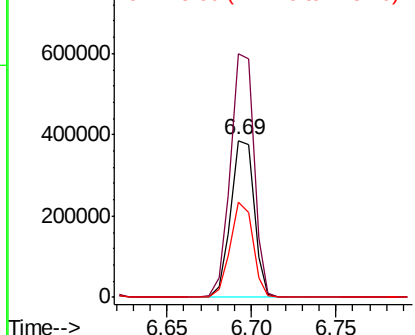
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114772.D
Acq: 1 Jun 2019 22:56

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-B

Tgt Ion:152 Resp: 372879
Ion Ratio Lower Upper
152 100
150 155.3 124.4 186.6
115 60.8 48.7 73.1



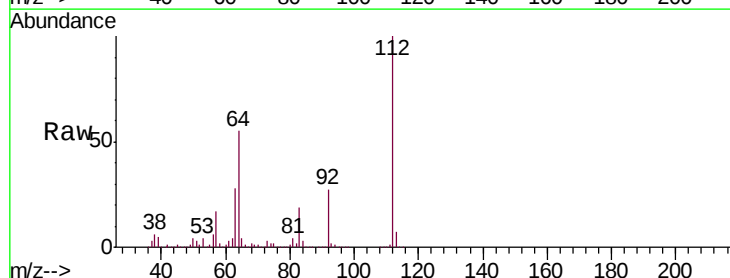
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



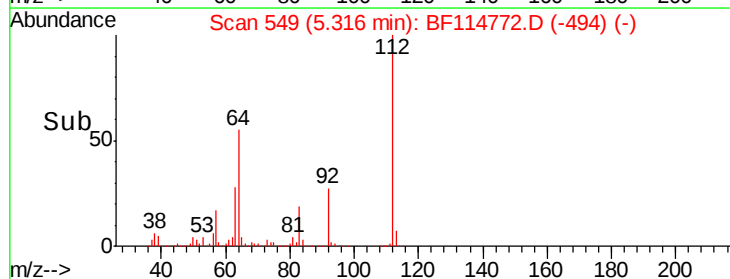
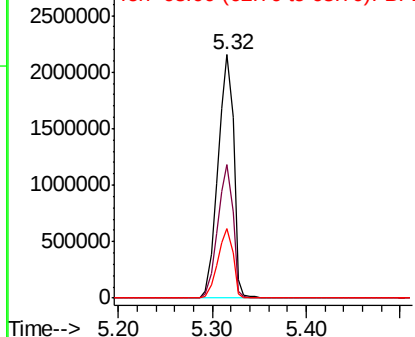
#5

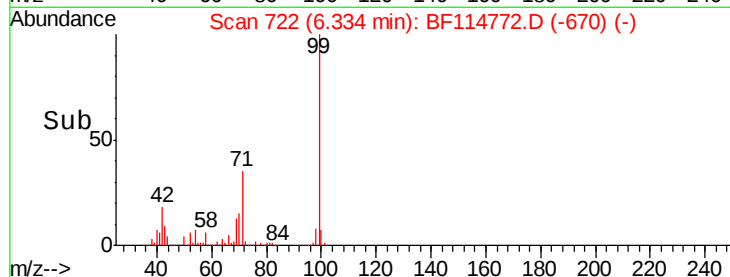
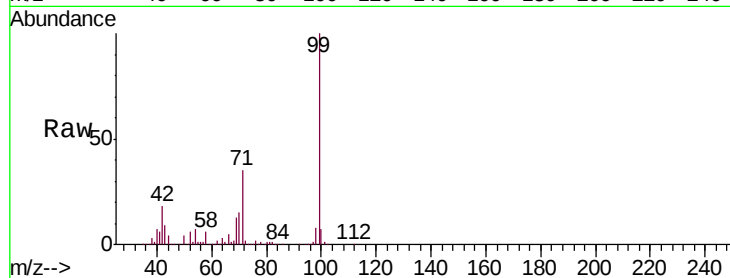
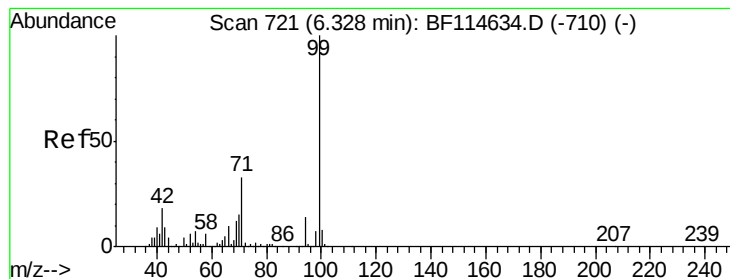
2-Fluorophenol
Concen: 118.940 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114772.D
Acq: 1 Jun 2019 22:56

Tgt Ion:112 Resp: 2526053
Ion Ratio Lower Upper
112 100
64 54.9 46.1 69.1
63 28.3 23.4 35.2



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: 109.701 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114772.D

Acq: 1 Jun 2019 22:56

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-B

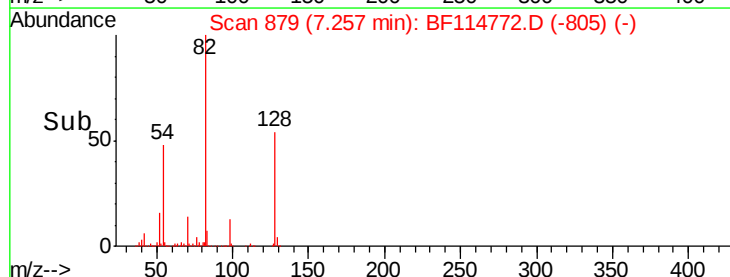
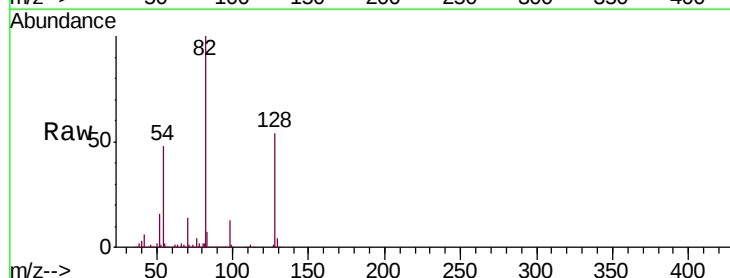
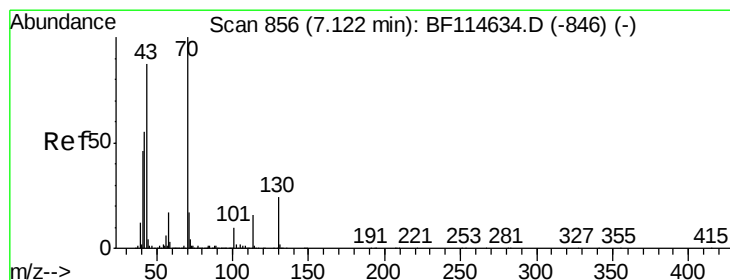
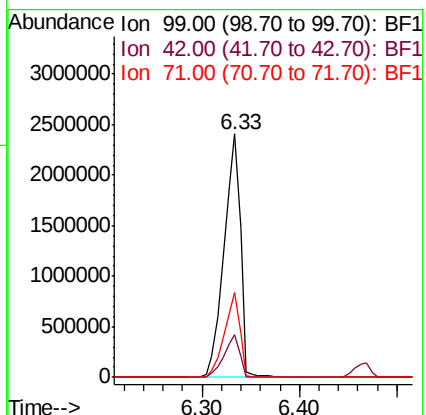
Tgt Ion: 99 Resp: 2807536

Ion Ratio Lower Upper

99 100

42 17.7 14.7 22.1

71 34.8 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.611 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114772.D

Acq: 1 Jun 2019 22:56

Tgt Ion: 70 Resp: 275769

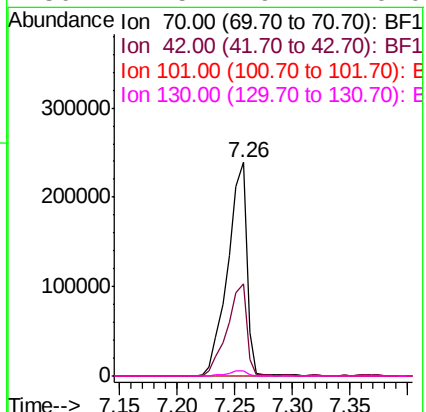
Ion Ratio Lower Upper

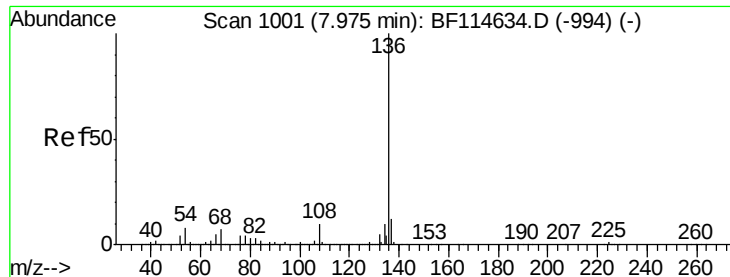
70 100

42 43.2 44.4 66.6#

101 0.0 8.2 12.4#

130 2.5 19.4 29.0#

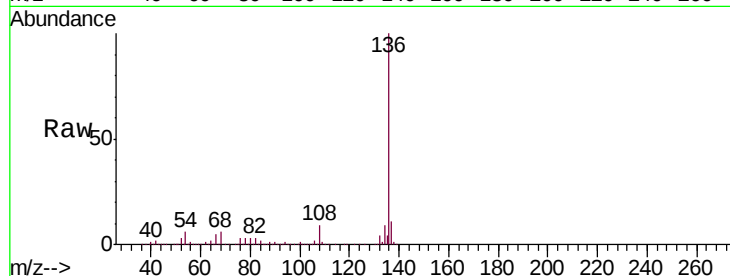




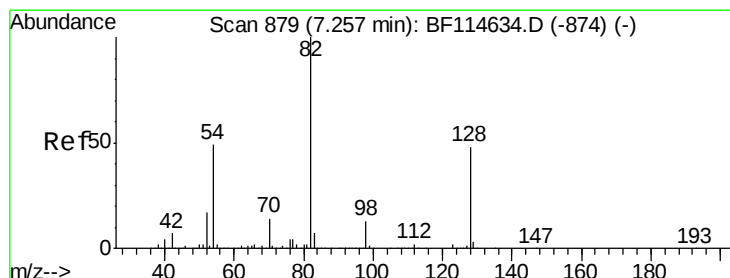
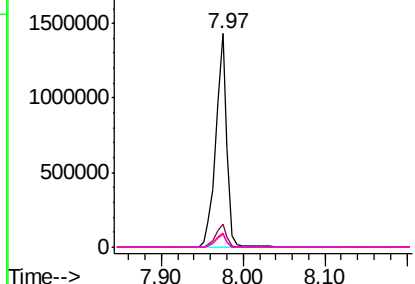
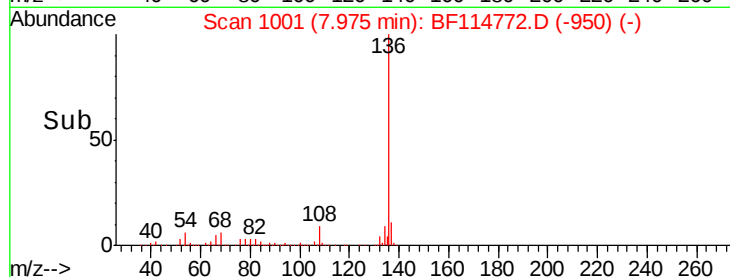
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114772.D
Acq: 1 Jun 2019 22:56

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-B

Tgt Ion:136 Resp: 1351188
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 6.5 6.3 9.5
68 5.7 5.4 8.0

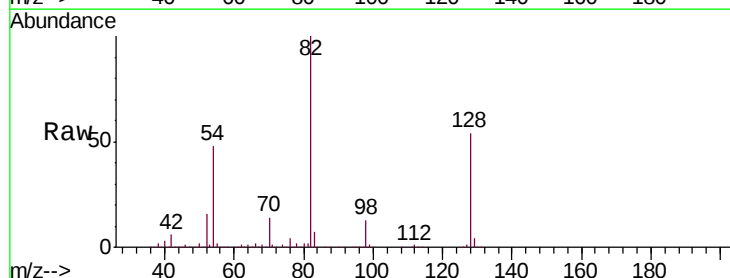


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

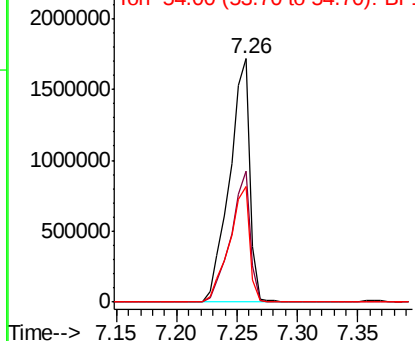
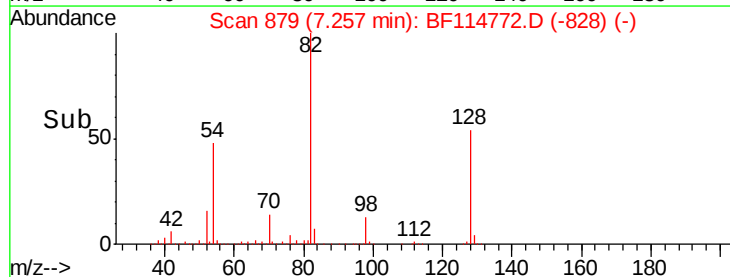


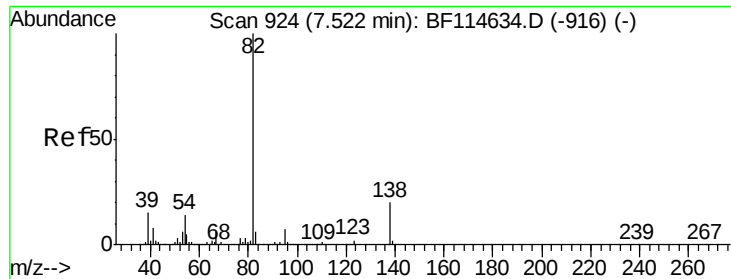
#23
Nitrobenzene-d5
Concen: 93.086 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114772.D
Acq: 1 Jun 2019 22:56

Tgt Ion: 82 Resp: 2016010
Ion Ratio Lower Upper
82 100
128 53.6 38.5 57.7
54 47.5 39.1 58.7



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: 42.718 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114772.D

Acq: 1 Jun 2019 22:56

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-B

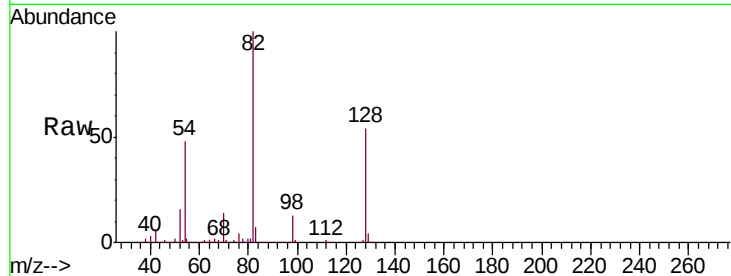
Tgt Ion: 82 Resp: 1856700

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

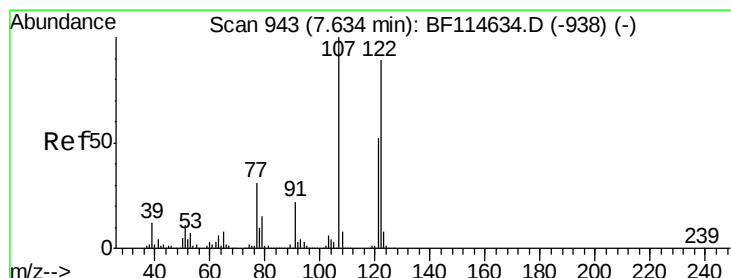
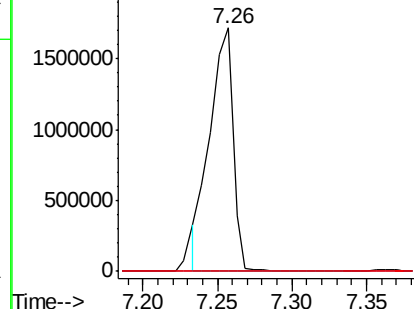
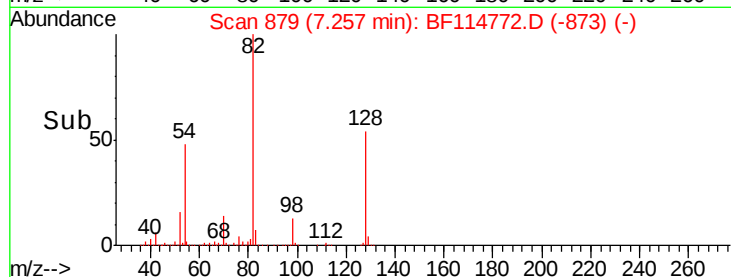
138 0.0 15.9 23.9#



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



#27

2,4-Dimethylphenol

Concen: 5.500 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.06 min

Lab File: BF114772.D

Acq: 1 Jun 2019 22:56

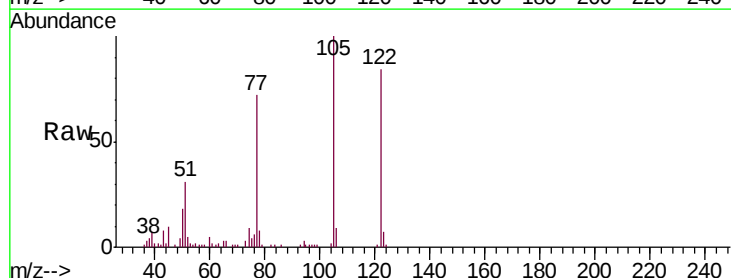
Tgt Ion: 122 Resp: 102434

Ion Ratio Lower Upper

122 100

107 0.0 89.3 133.9#

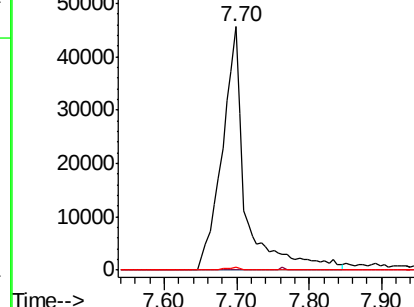
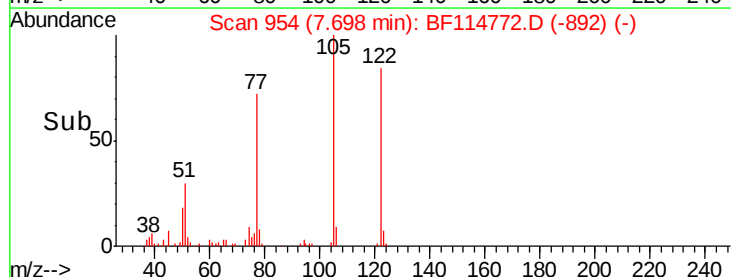
121 1.4 46.8 70.2#

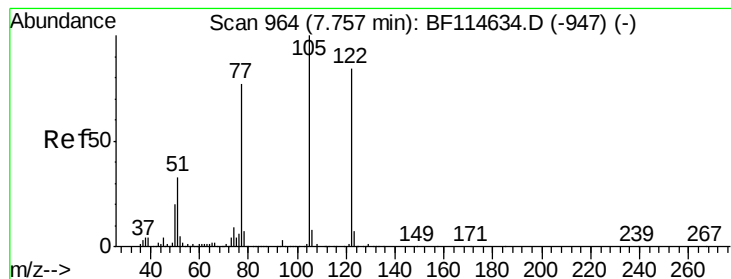


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#32

Benzoic acid

Concen: 8.468 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.06 min

Lab File: BF114772.D

Acq: 1 Jun 2019 22:56

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-B

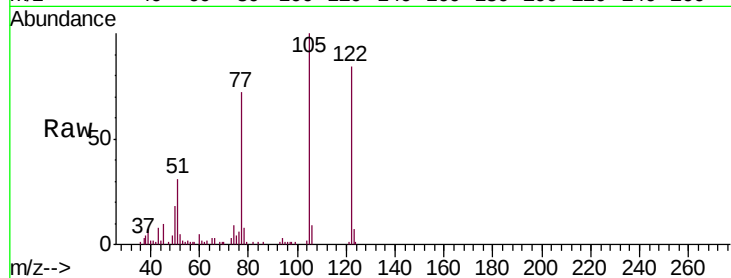
Tgt Ion:122 Resp: 102434

Ion Ratio Lower Upper

122 100

105 119.2 98.3 138.3

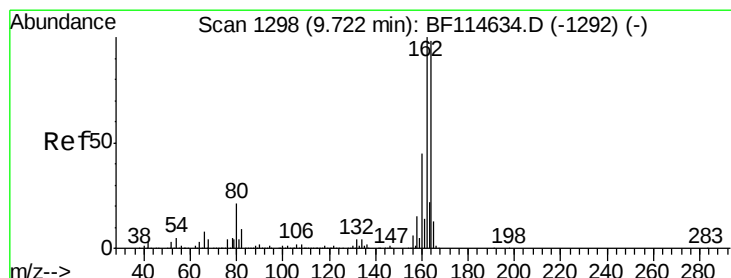
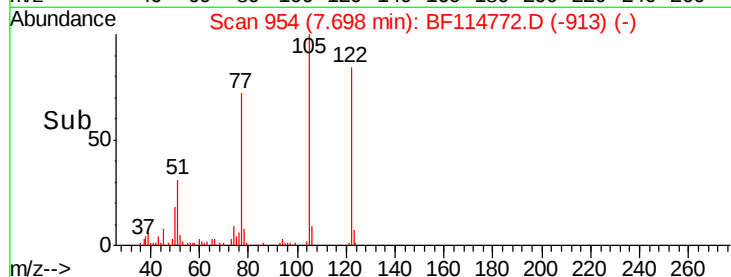
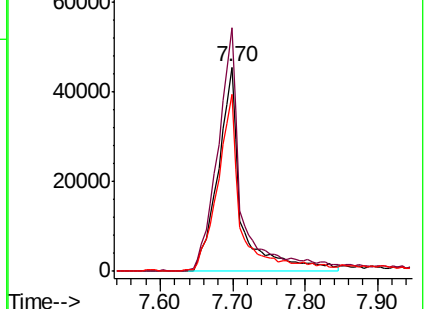
77 86.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114772.D

Acq: 1 Jun 2019 22:56

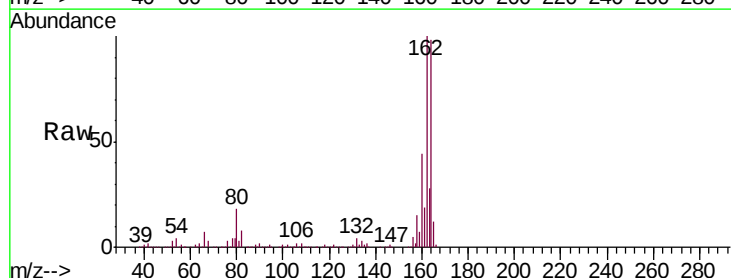
Tgt Ion:164 Resp: 608069

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.2

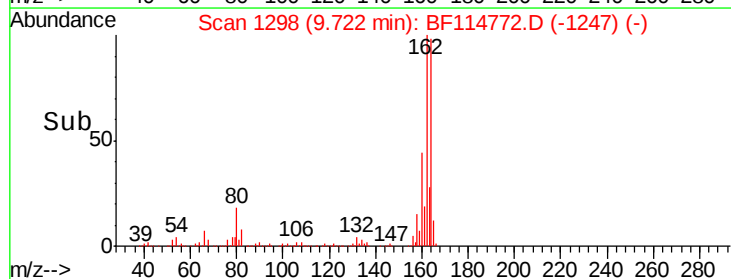
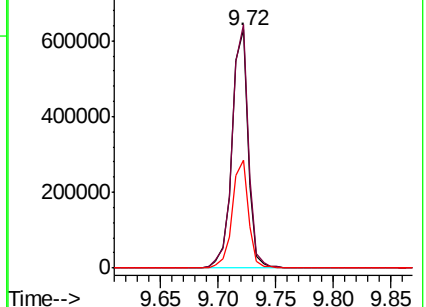
160 45.4 36.6 54.8

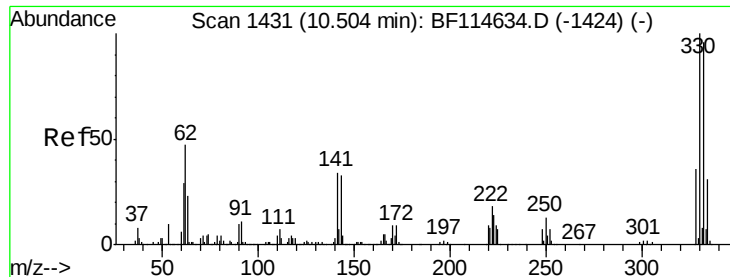


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

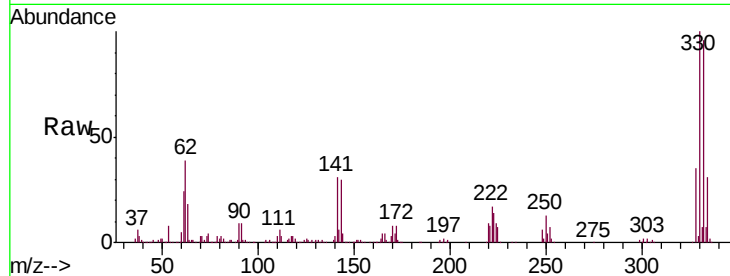




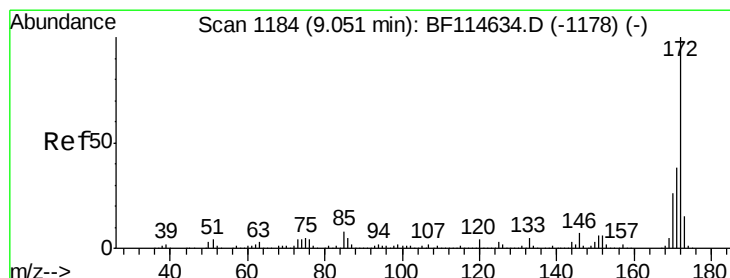
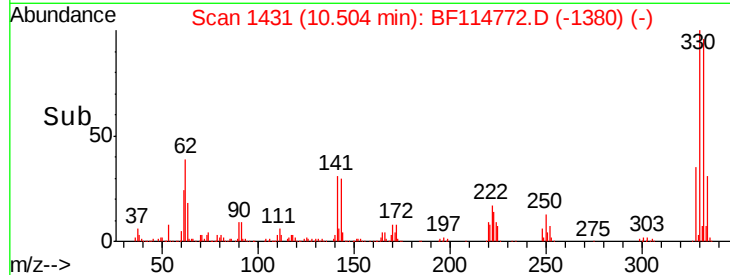
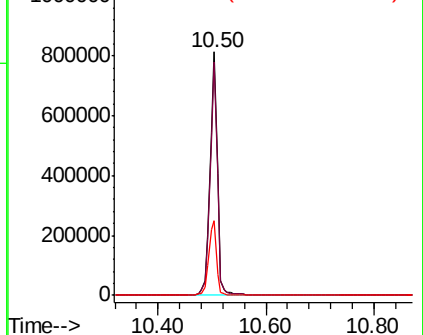
#42
 2,4,6-Tribromophenol
 Concen: 133.470 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114772.D
 Acq: 1 Jun 2019 22:56

Instrument :
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 NB-07-053019-B

Tgt Ion:330 Resp: 773315
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.8 113.8
 141 32.8 27.8 41.8

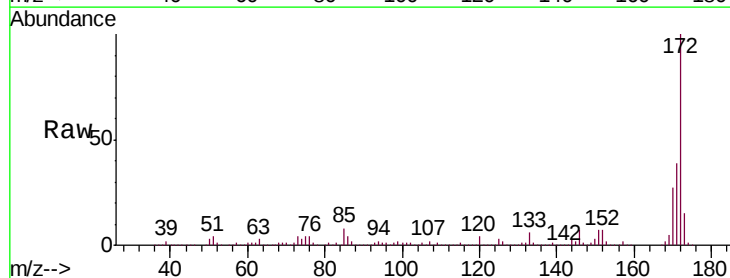


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

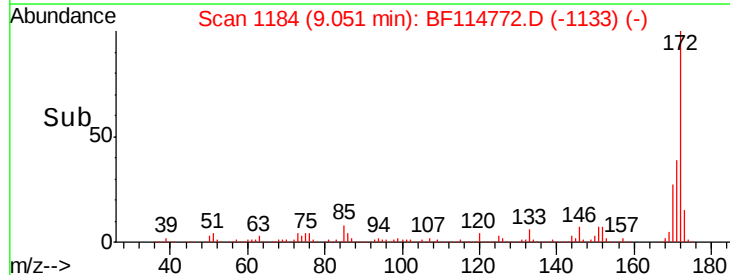
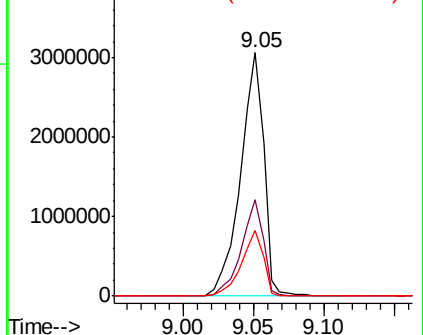


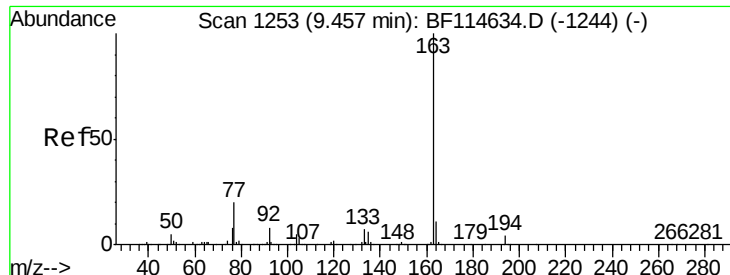
#45
 2-Fluorobiphenyl
 Concen: 114.249 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114772.D
 Acq: 1 Jun 2019 22:56

Tgt Ion:172 Resp: 3520028
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.6 45.8
 170 27.0 20.7 31.1



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: 3.959 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114772.D

Acq: 1 Jun 2019 22:56

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-B

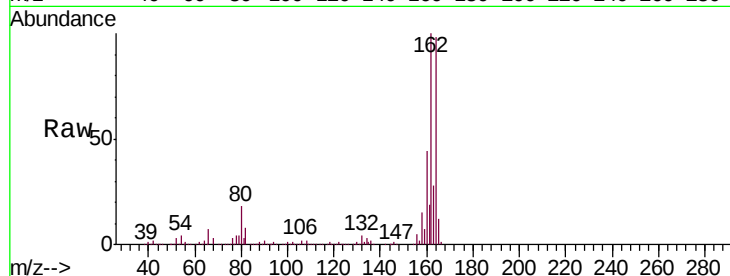
Tgt Ion:163 Resp: 167747

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

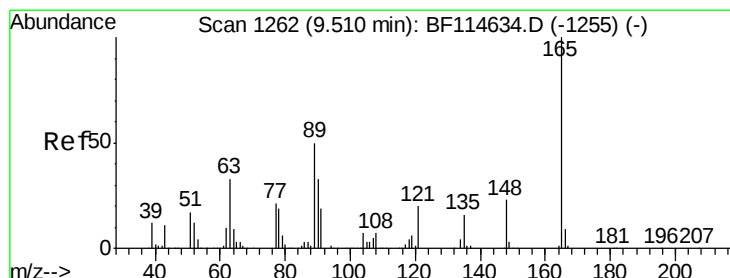
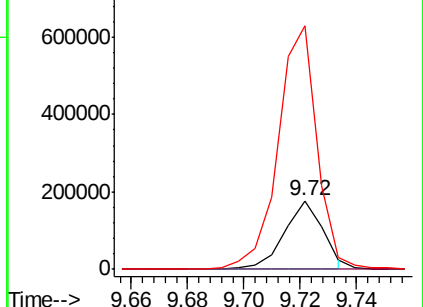
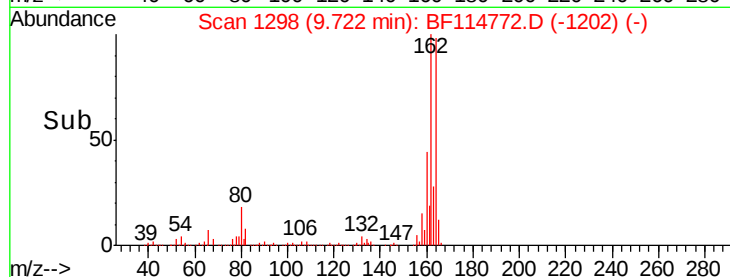
164 354.4 8.6 13.0#



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



#51

2,6-Dinitrotoluene

Concen: 7.695 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114772.D

Acq: 1 Jun 2019 22:56

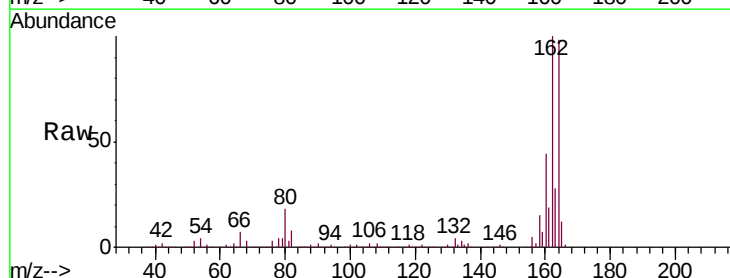
Tgt Ion:165 Resp: 75764

Ion Ratio Lower Upper

165 100

63 1.7 36.6 54.8#

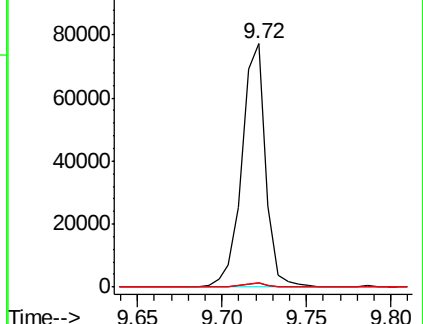
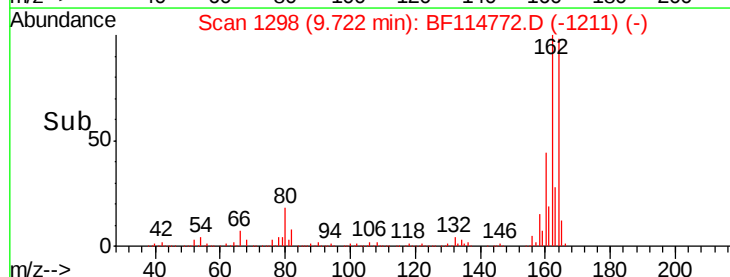
89 1.7 40.2 60.4#

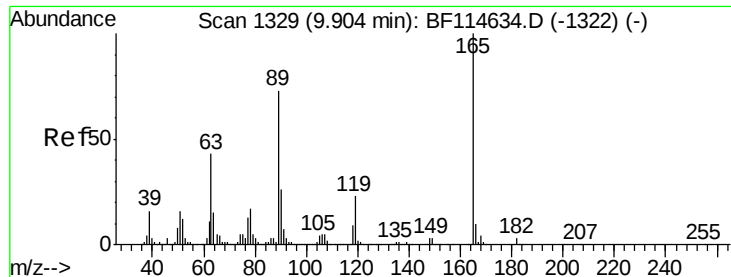


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

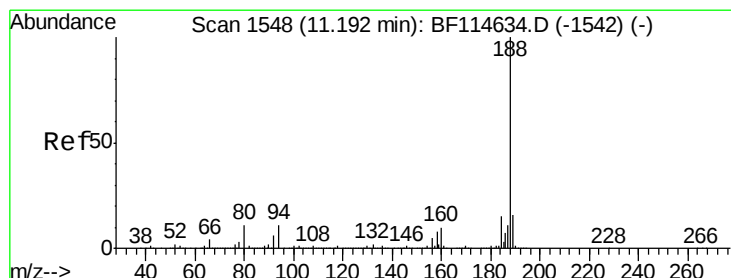
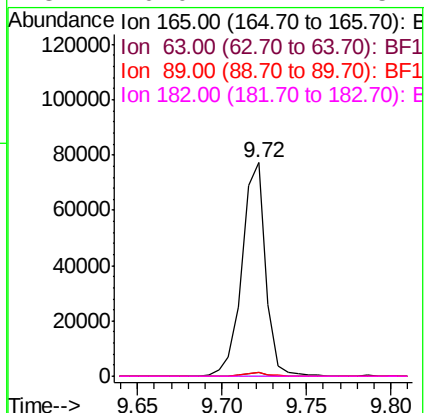
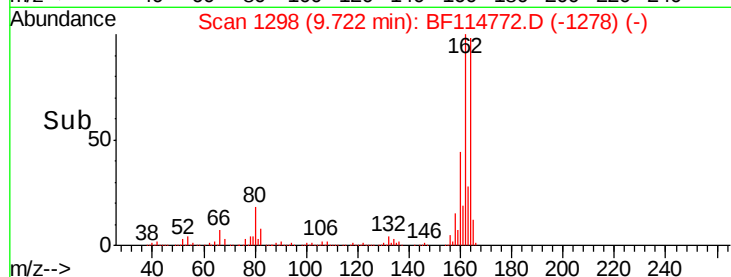
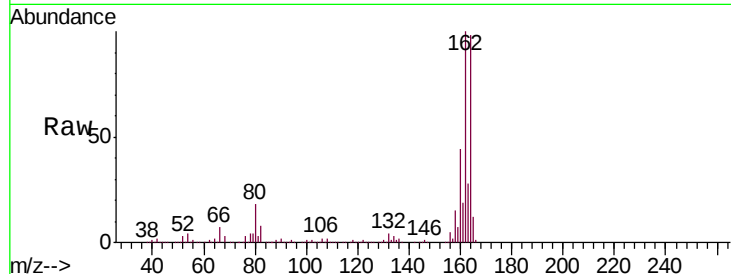




#57
2,4-Dinitrotoluene
Concen: 5.996 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114772.D
Acq: 1 Jun 2019 22:56

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-B

Tgt Ion:165 Resp: 75764
Ion Ratio Lower Upper
165 100
63 1.7 34.8 52.2#
89 1.7 58.5 87.7#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114772.D
Acq: 1 Jun 2019 22:56

Tgt Ion:188 Resp: 1016412
Ion Ratio Lower Upper
188 100
94 10.0 8.6 13.0
80 10.6 9.0 13.6

