

Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

Quant Time: Jun 03 01:40:10 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	371993	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1351192	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	661913	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1168446	20.00	ng	0.00
76) Chrysene-d12	13.83	240	597035	20.00	ng	0.01
87) Perylene-d12	15.22	264	971003	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2553657	120.53	ng	0.02
7) Phenol-d6	6.33	99	3107735	121.72	ng	0.00
23) Nitrobenzene-d5	7.26	82	1920014	88.65	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	741833	117.62	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3112448	89.10	ng	0.00
79) Terphenyl-d14	12.78	244	2743159	86.39	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.34	77	5911	Below Cal	#	5
10) Phenol	6.35	94	122583	3.974 ng		85
19) n-Nitroso-di-n-propylamine	7.26	70	264761	15.023 ng	#	74
25) Isophorone	7.26	82	1871131	43.050 ng	#	63
38) 1-Methylnaphthalene	8.78	142	175881	4.489 ng		97
49) Acenaphthylene	9.58	152	471851	7.578 ng		96
50) Dimethylphthalate	9.44	163	475885	10.318 ng		98
52) Acenaphthene	9.76	154	2024487	53.016 ng		98
55) Dibenzofuran	9.93	168	2039612	37.523 ng		97
56) 4-Nitrophenol	9.92	139	804966	82.813 ng	#	17
57) 2,4-Dinitrotoluene	9.88	165	35748	2.599 ng	#	42
58) Fluorene	10.27	166	2422496	82.443 ng		99
61) 4-Chlorophenyl-phenylether	10.12	204	157	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.50	248	46910	3.744 ng	#	1
69) Atrazine	10.93	200	891	Below Cal	#	1
71) Phenanthrene	11.24	178	7341827	123.176 ng		92
72) Anthracene	11.28	178	3329134	55.186 ng		97
74) Di-n-butylphthalate	11.77	149	5651	Below Cal	#	1
75) Fluoranthene	12.43	202	8883238	143.931 ng		93
78) Pyrene	12.43	202	8820138	174.641 ng		91
81) Benzo(a)anthracene	13.82	228	5017508	109.362 ng		94
82) 3,3'-Dichlorobenzidine	13.86	252	39528	2.231 ng	#	1
83) Chrysene	13.86	228	4037517	92.108 ng		96
86) Indeno(1,2,3-cd)pyrene	16.54	276	2041912	46.510 ng		94
88) Benzo(b)fluoranthene	14.84	252	7209054	117.877 ng		96
89) Benzo(k)fluoranthene	14.84	252	7209054	135.619 ng		96
90) Benzo(a)pyrene	15.17	252	3820809	71.116 ng		94
91) Dibenzo(a,h)anthracene	16.55	278	689942	14.533 ng		97
92) Benzo(g,h,i)perylene	16.94	276	1676971	36.394 ng		99

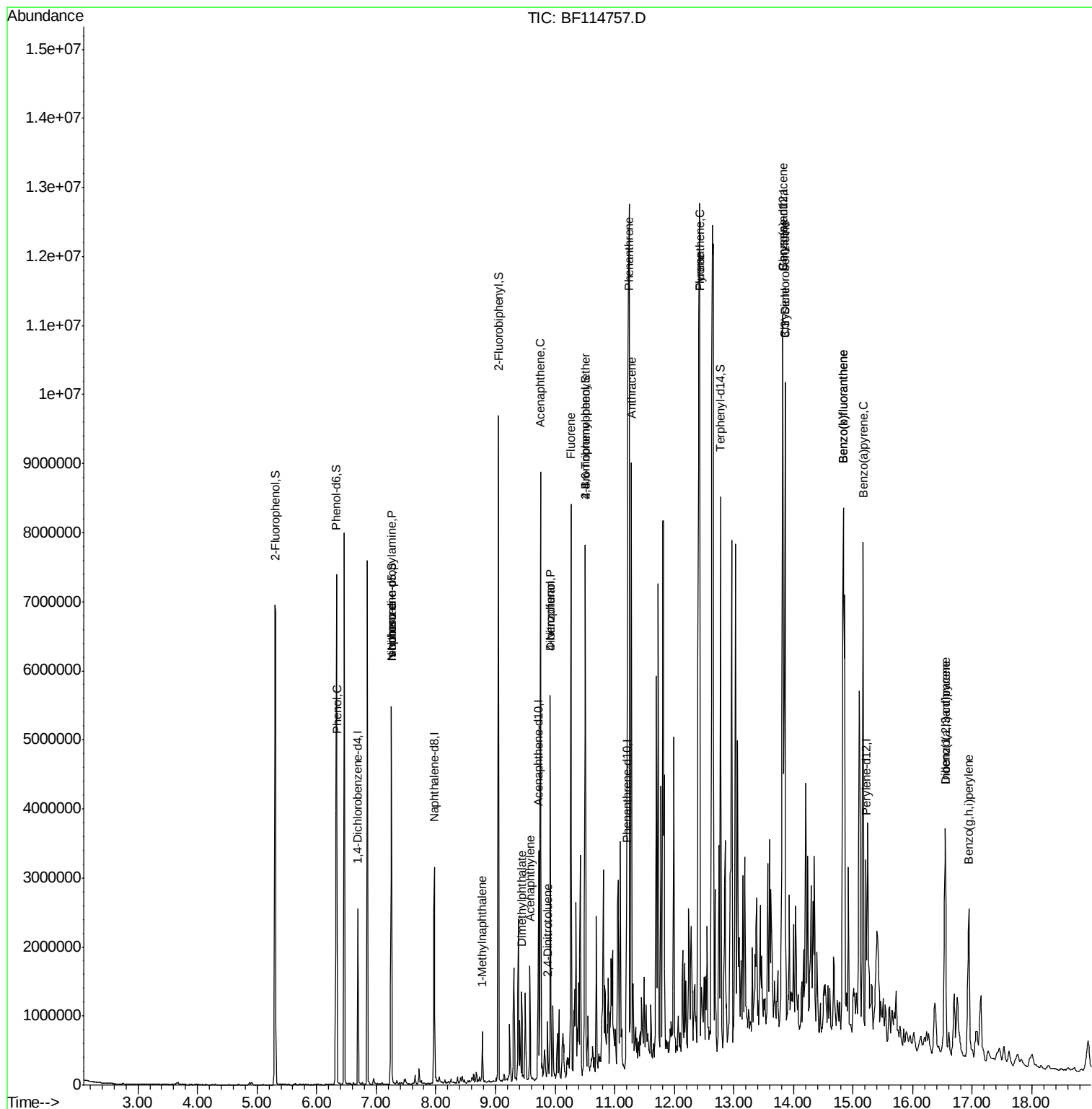
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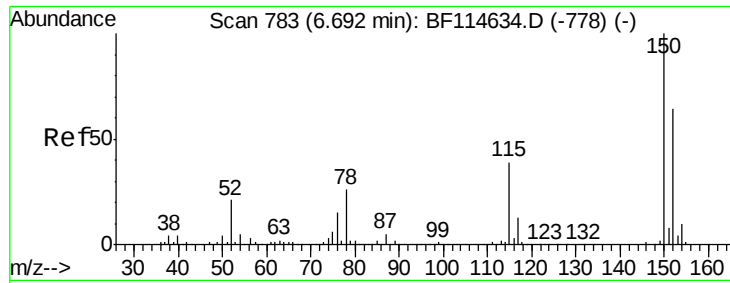
Data File : BF114757.D

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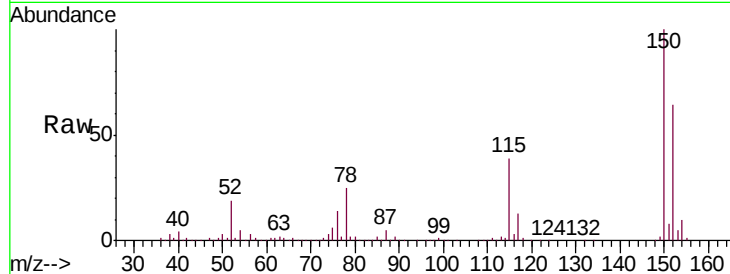


#1

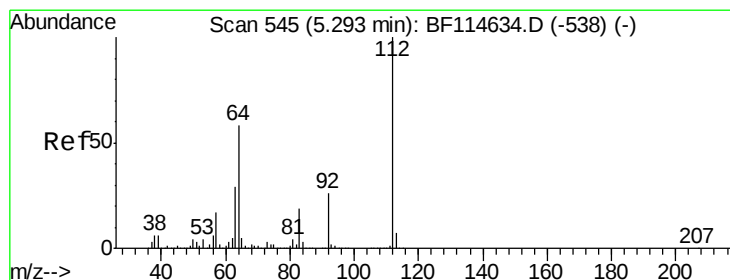
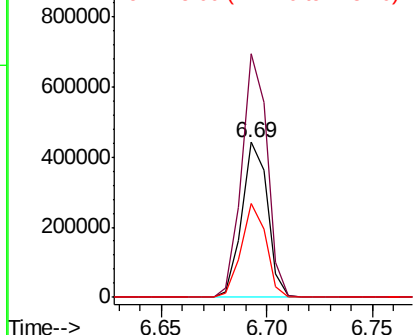
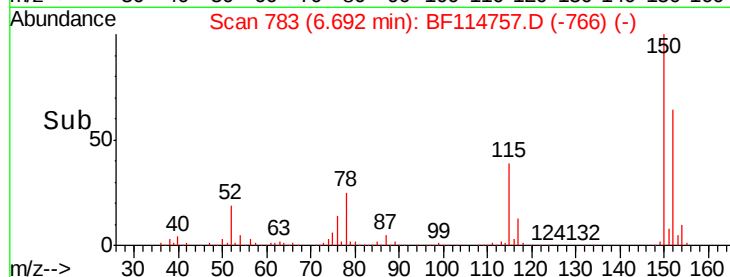
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

Tgt Ion:152 Resp: 371993
Ion Ratio Lower Upper
152 100
150 157.0 124.4 186.6
115 60.9 48.7 73.1



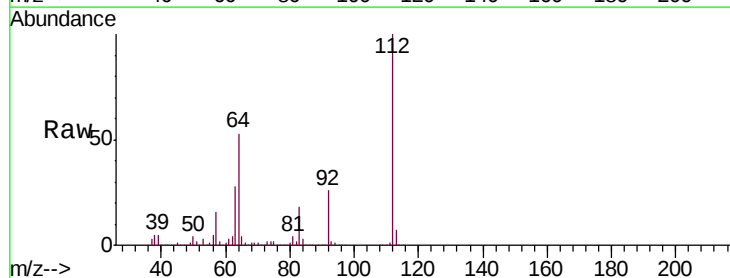
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



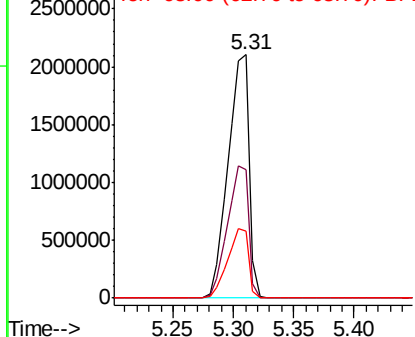
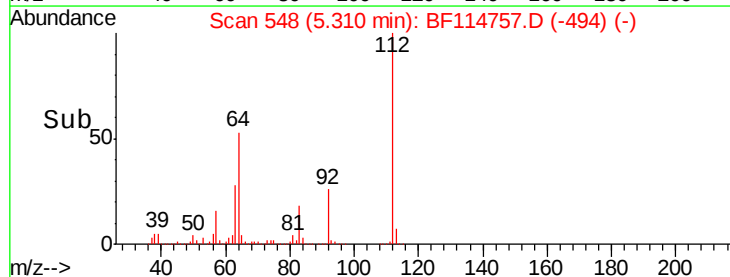
#5

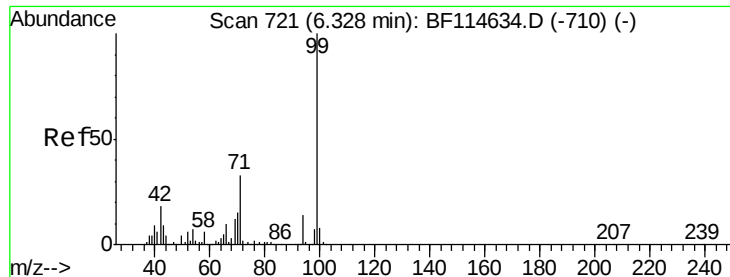
2-Fluorophenol
Concen: 120.526 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:112 Resp: 2553657
Ion Ratio Lower Upper
112 100
64 52.7 46.1 69.1
63 27.5 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: 121.720 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)

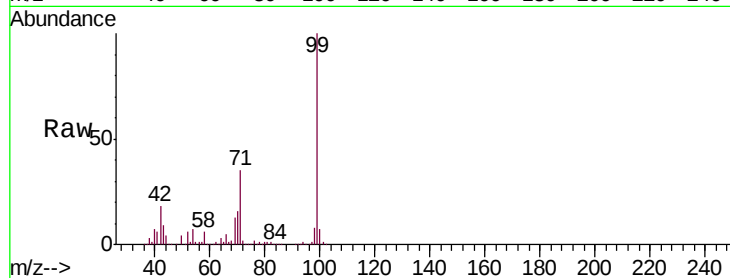
Tgt Ion: 99 Resp: 3107735

Ion Ratio Lower Upper

99 100

42 18.1 14.7 22.1

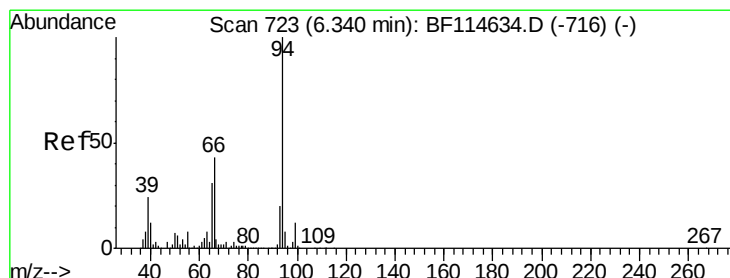
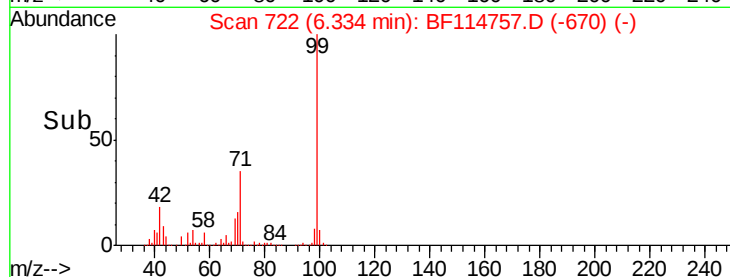
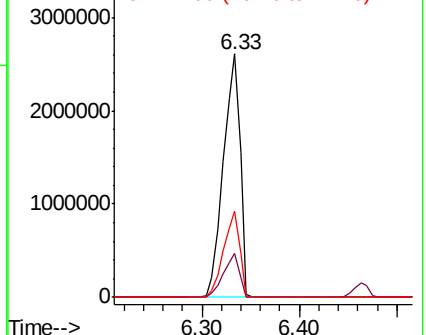
71 35.4 26.6 40.0



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



#10

Phenol

Concen: 3.974 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

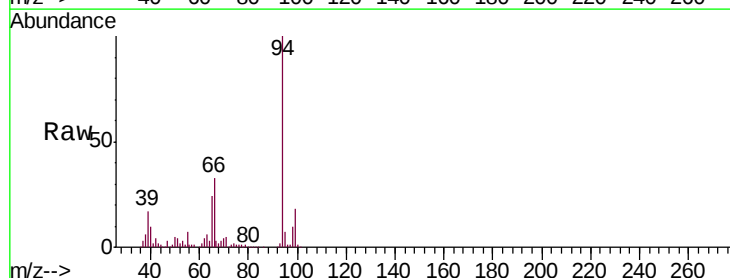
Tgt Ion: 94 Resp: 122583

Ion Ratio Lower Upper

94 100

65 24.2 11.0 51.0

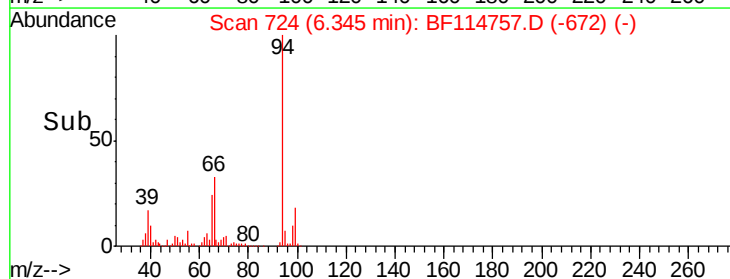
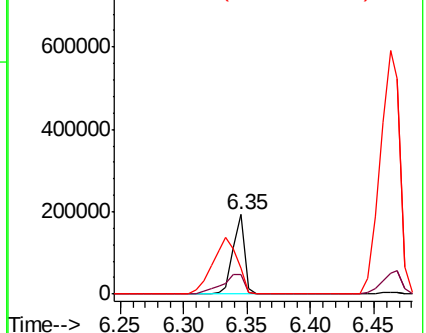
66 32.5 23.0 63.0

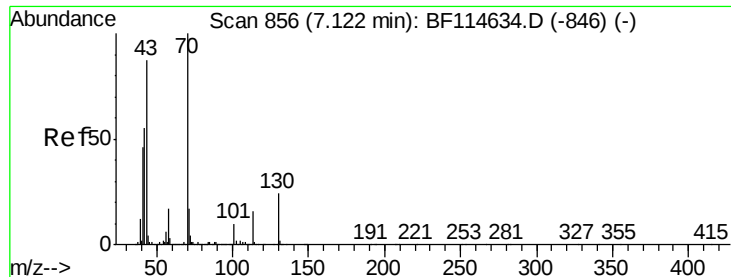


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

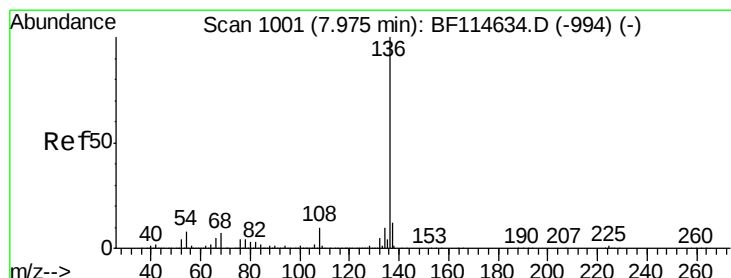
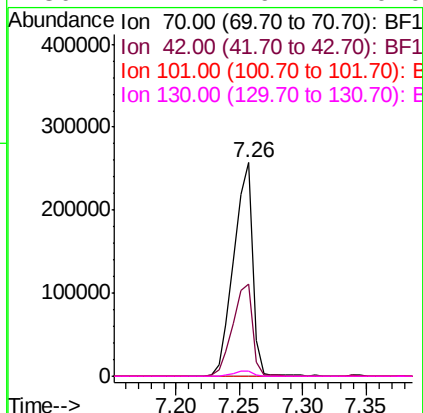
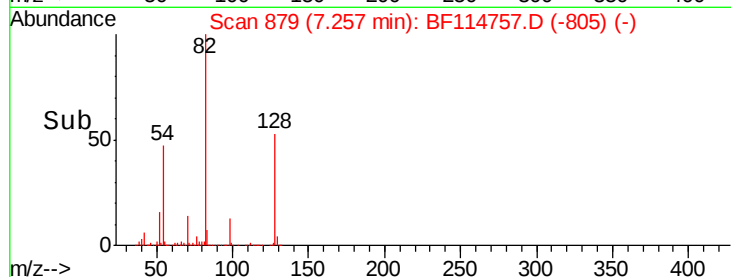
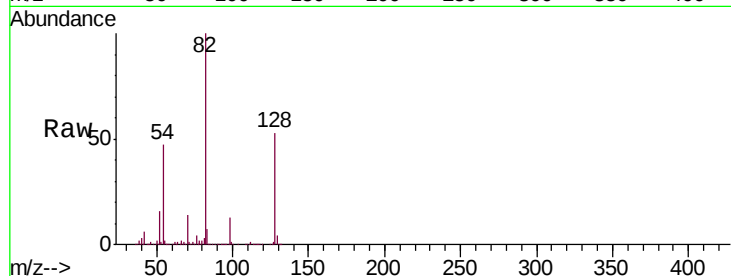




#19
n-Nitroso-di-n-propylamine
Concen: 15.023 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

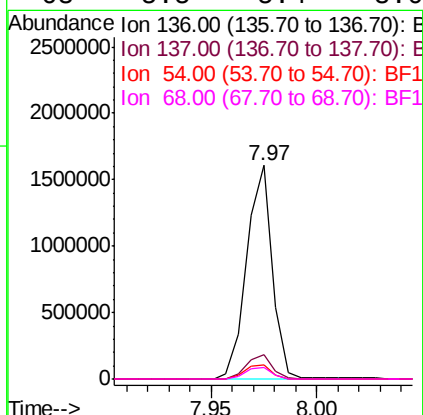
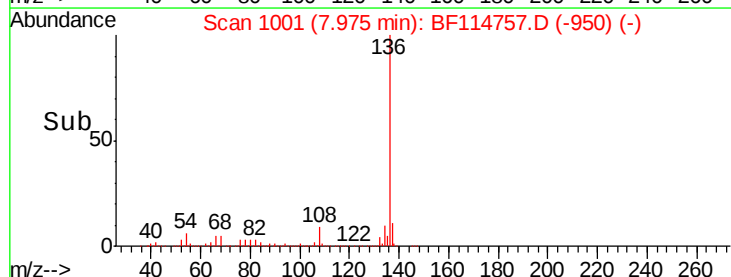
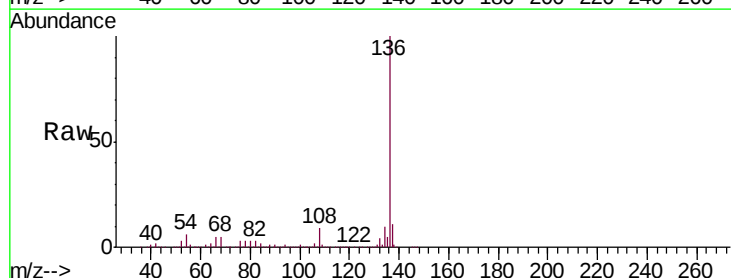
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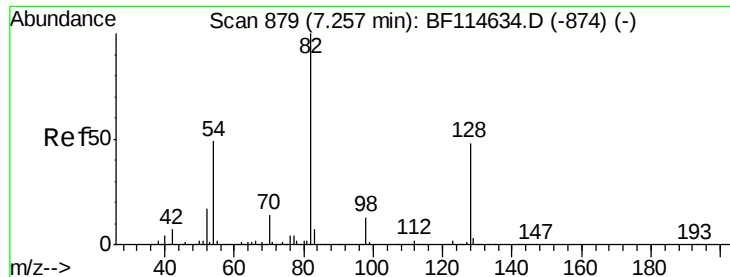
Tgt Ion: 70 Resp: 264761
Ion Ratio Lower Upper
70 100
42 42.9 44.4 66.6#
101 0.0 8.2 12.4#
130 2.4 19.4 29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion: 136 Resp: 1351192
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 6.5 6.3 9.5
68 5.5 5.4 8.0

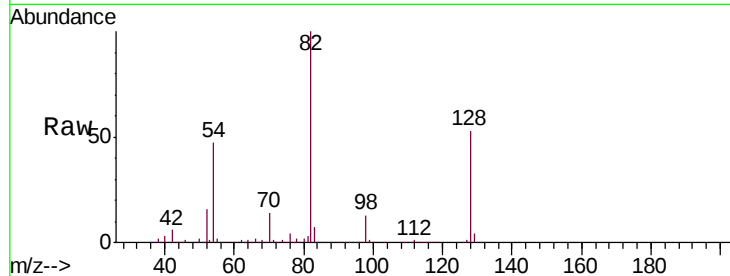




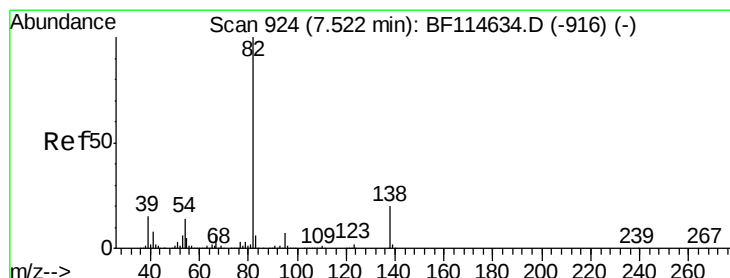
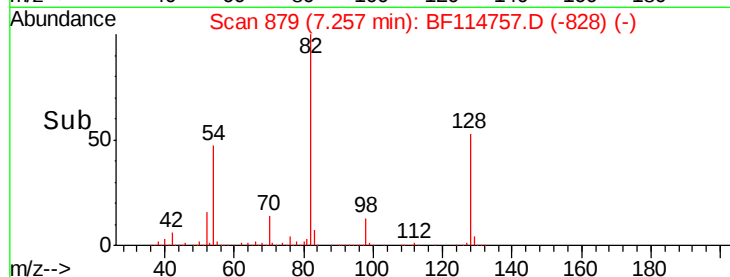
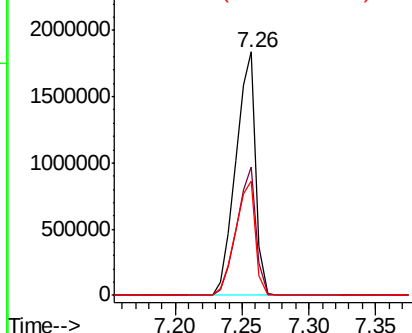
#23
 Nitrobenzene-d5
 Concen: 88.654 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF114757.D
 Acq: 1 Jun 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 0430-HR-10(HACKENSACK)

Tgt Ion: 82 Resp: 1920014
 Ion Ratio Lower Upper
 82 100
 128 52.9 38.5 57.7
 54 47.0 39.1 58.7

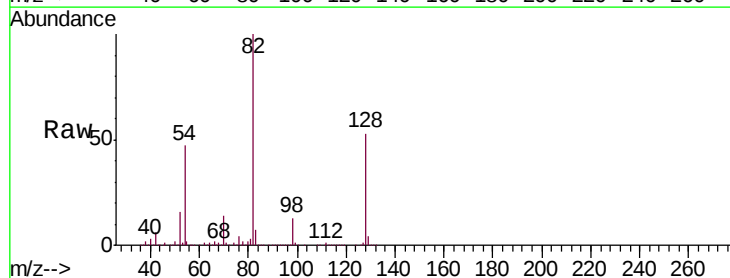


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2500000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

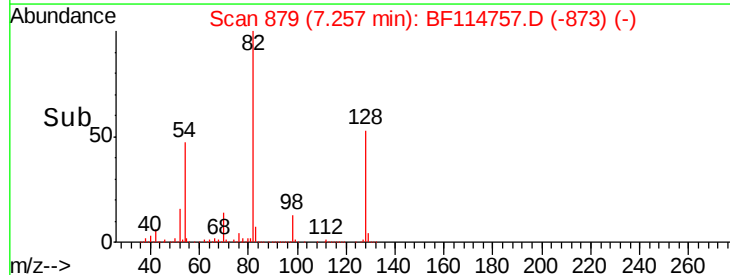
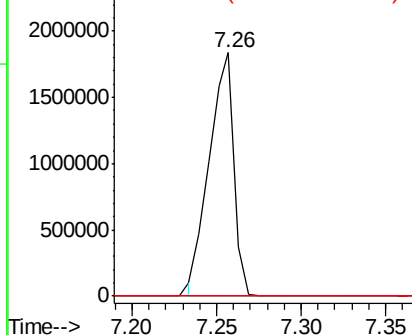


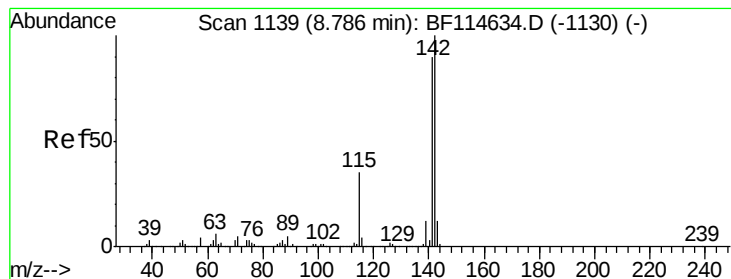
#25
 Isophorone
 Concen: 43.050 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF114757.D
 Acq: 1 Jun 2019 15:19

Tgt Ion: 82 Resp: 1871131
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.6 8.4#
 138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 2500000 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#38

1-Methylnaphthalene

Concen: 4.489 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)

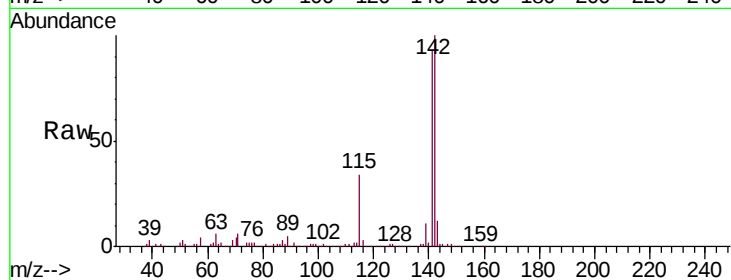
Tgt Ion:142 Resp: 175881

Ion Ratio Lower Upper

142 100

141 93.0 72.3 108.5

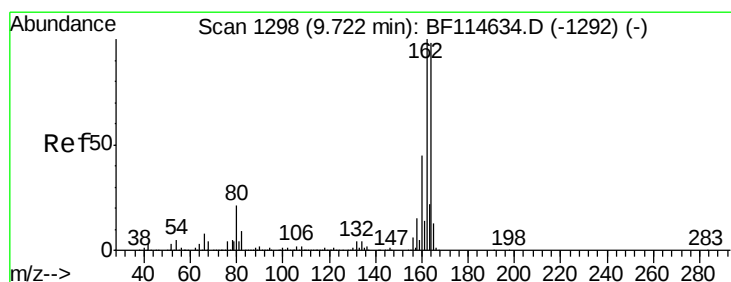
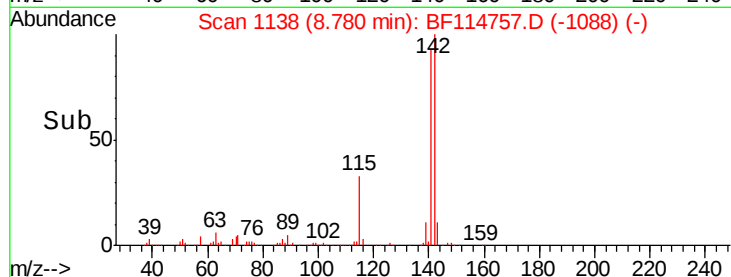
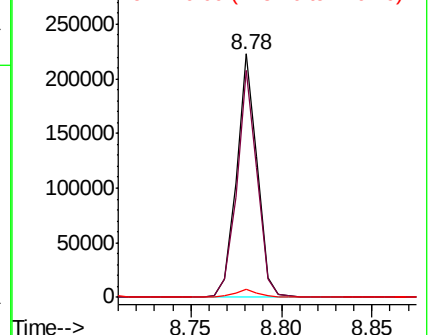
116 3.5 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

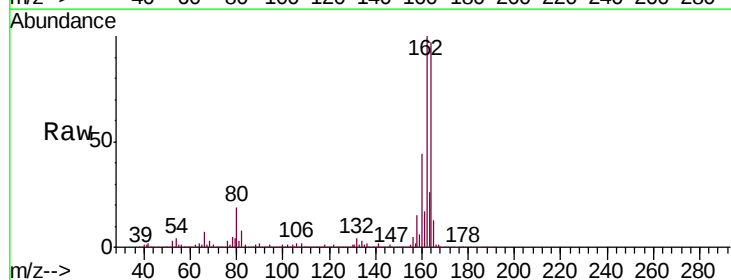
Tgt Ion:164 Resp: 661913

Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.2

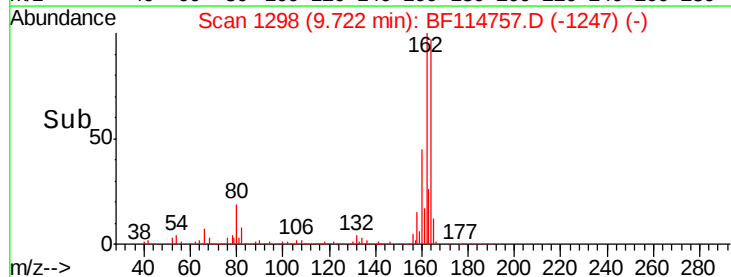
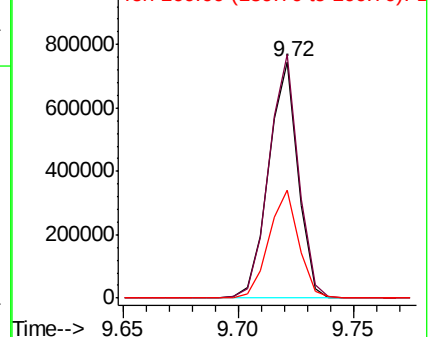
160 45.7 36.6 54.8

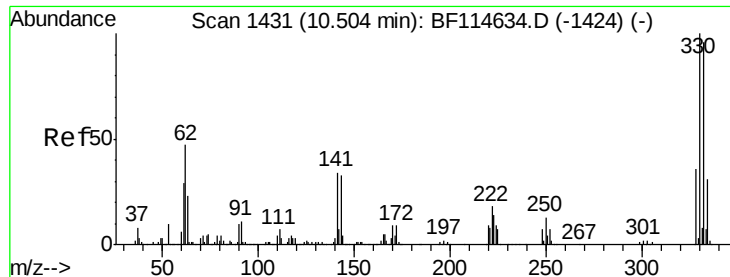


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

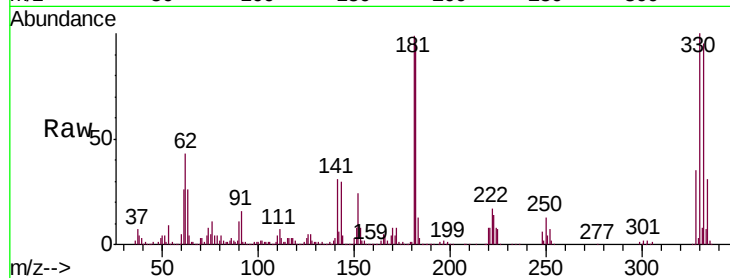




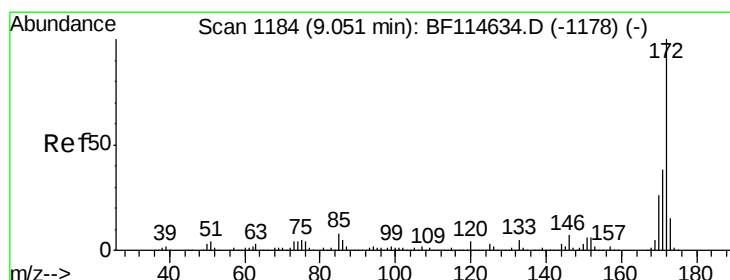
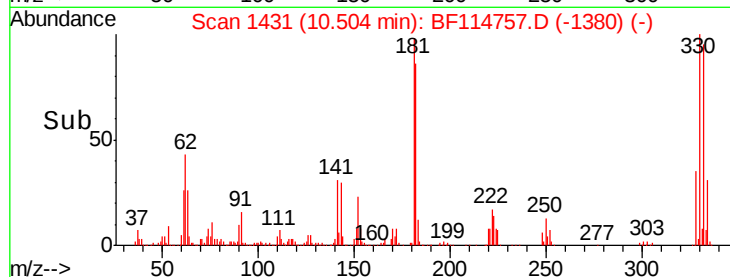
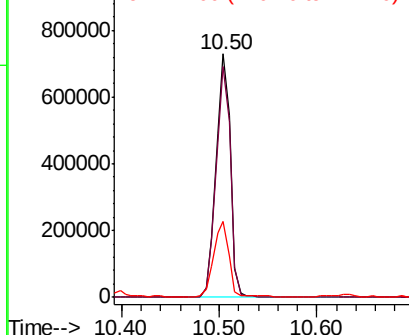
#42
 2,4,6-Tribromophenol
 Concen: 117.621 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114757.D
 Acq: 1 Jun 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 0430-HR-10(HACKENSACK)

Tgt Ion:330 Resp: 741833
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.8 113.8
 141 32.5 27.8 41.8

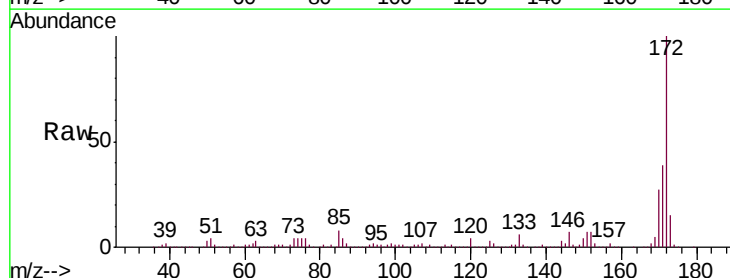


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

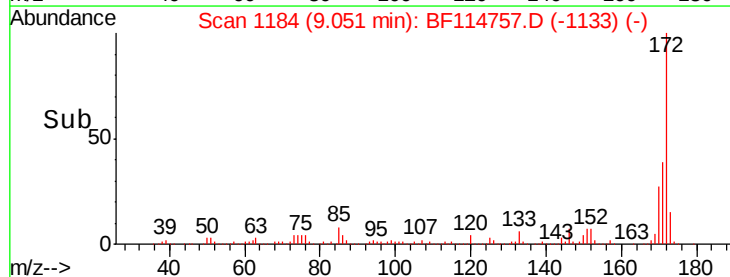
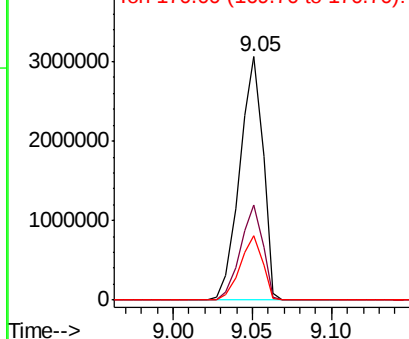


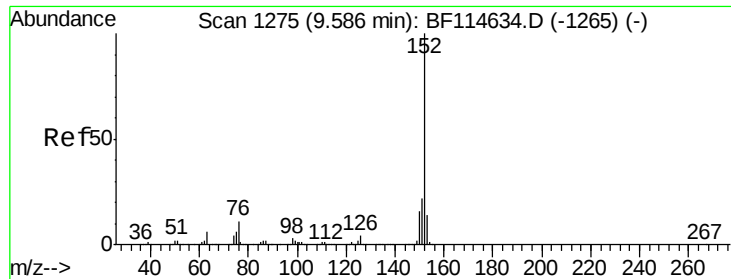
#45
 2-Fluorobiphenyl
 Concen: 89.102 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114757.D
 Acq: 1 Jun 2019 15:19

Tgt Ion:172 Resp: 3112448
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.6 45.8
 170 26.6 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





#49

Acenaphthylene

Concen: 7.578 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)

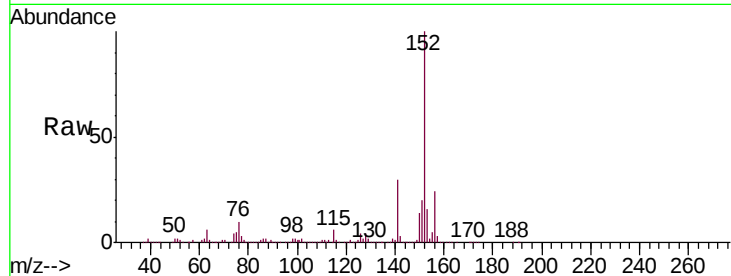
Tgt Ion:152 Resp: 471851

Ion Ratio Lower Upper

152 100

151 20.2 17.5 26.3

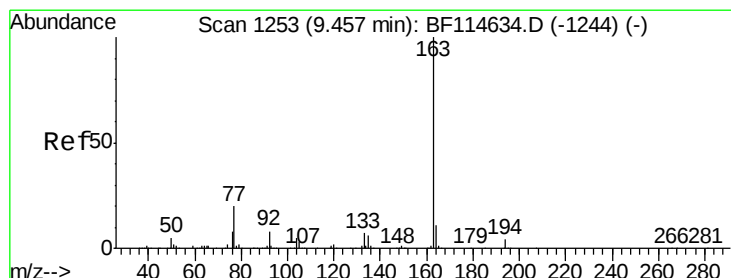
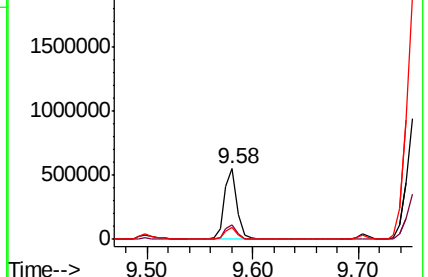
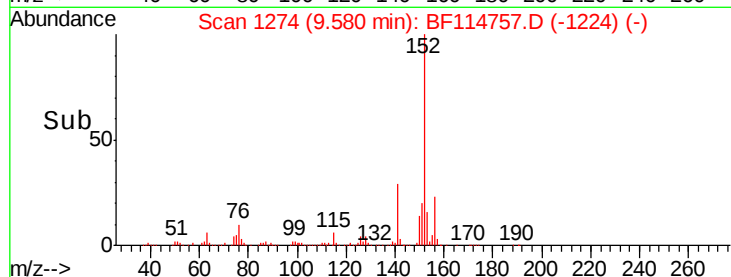
153 16.1 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 10.318 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

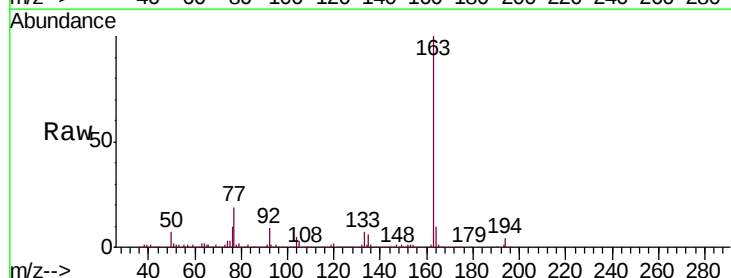
Tgt Ion:163 Resp: 475885

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

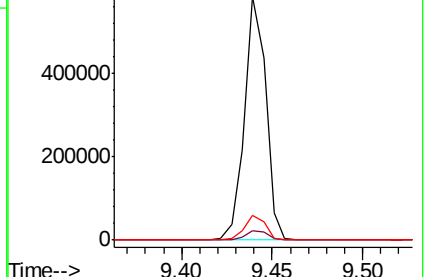
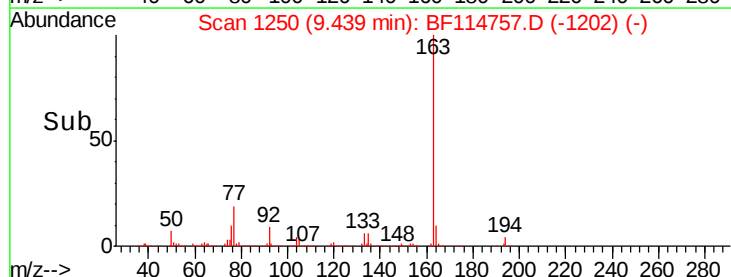
164 10.2 8.6 13.0

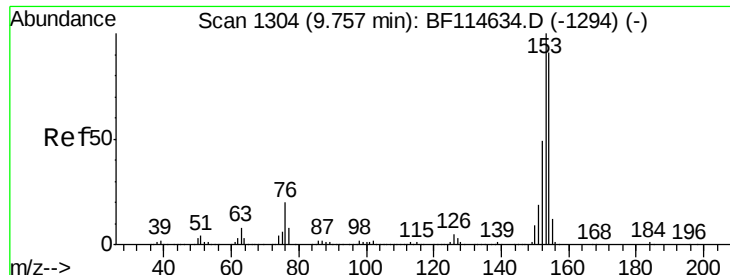


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 53.016 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)

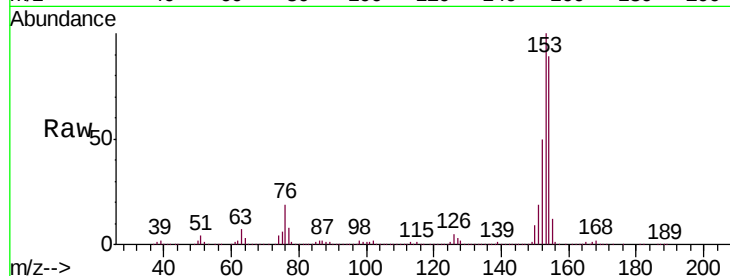
Tgt Ion:154 Resp: 2024487

Ion Ratio Lower Upper

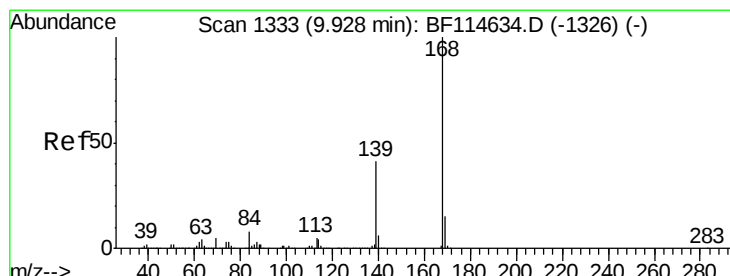
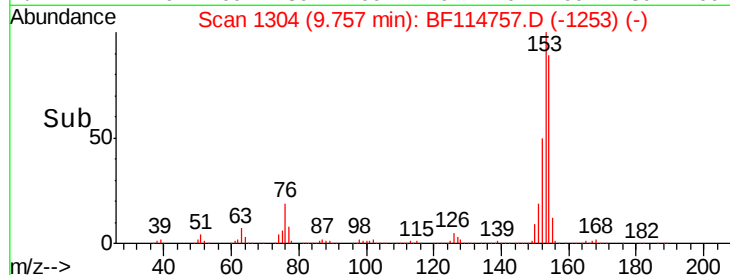
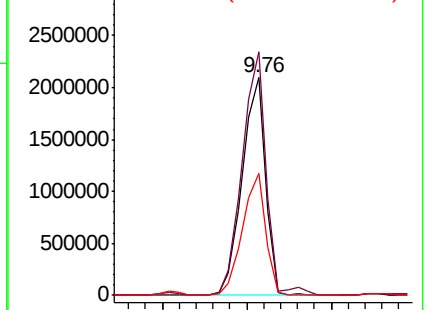
154 100

153 111.8 88.4 132.6

152 55.9 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 37.523 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

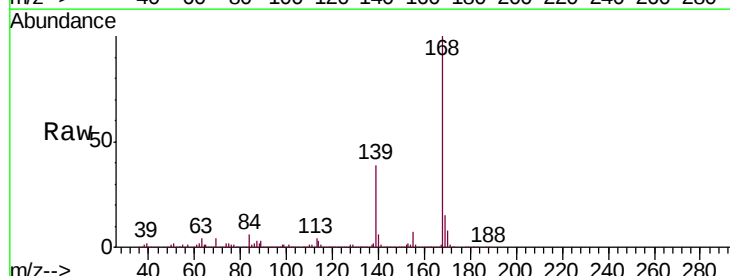
Tgt Ion:168 Resp: 2039612

Ion Ratio Lower Upper

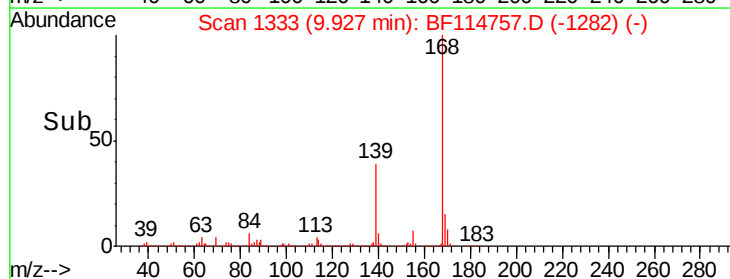
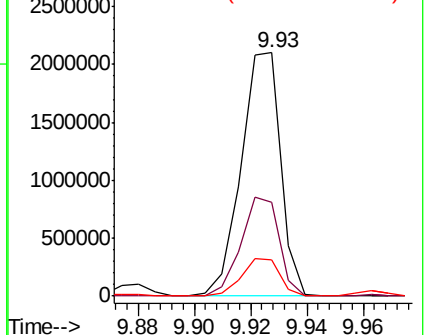
168 100

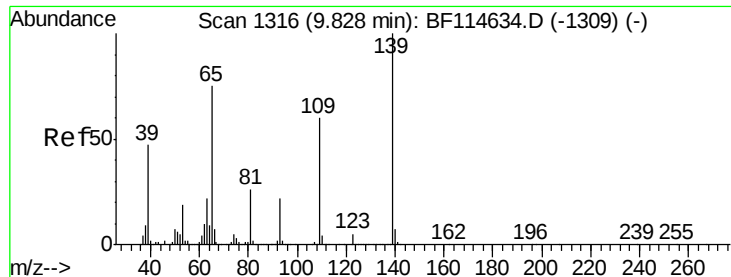
139 38.7 32.6 48.8

169 15.1 11.8 17.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

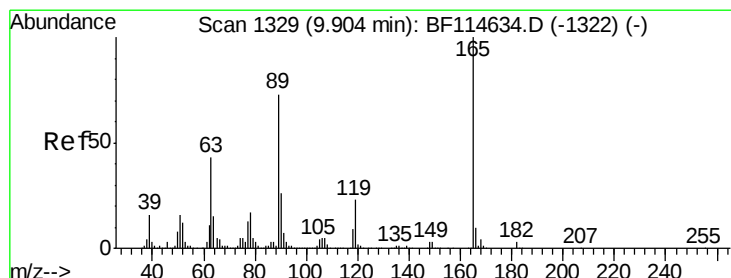
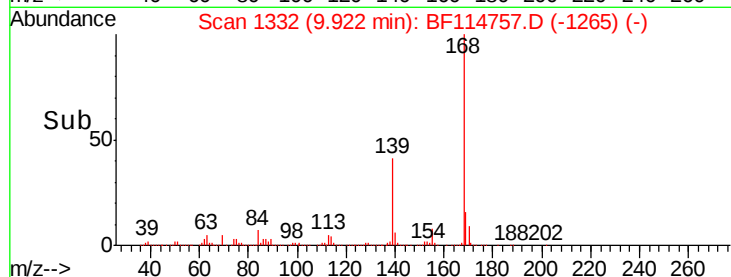
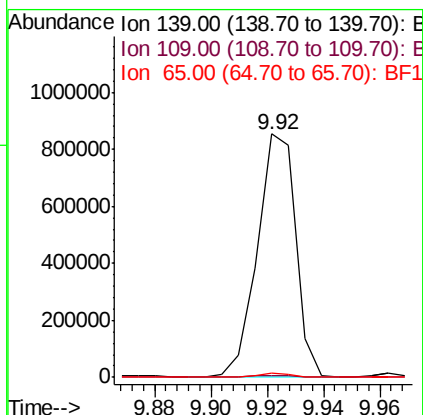
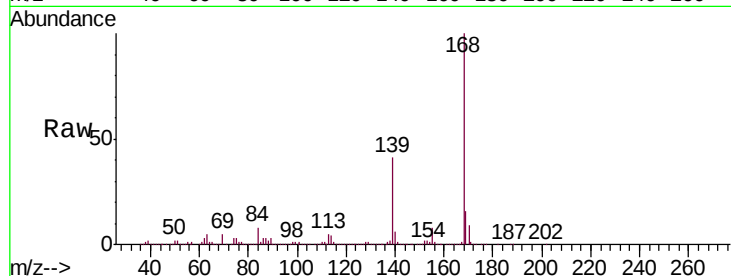




#56
4-Nitrophenol
Concen: 82.813 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.09 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

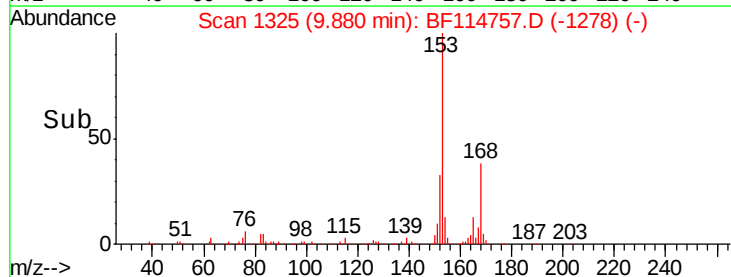
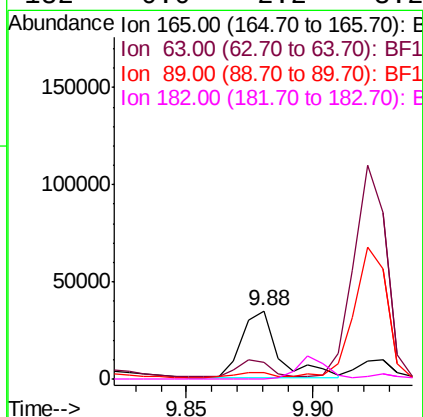
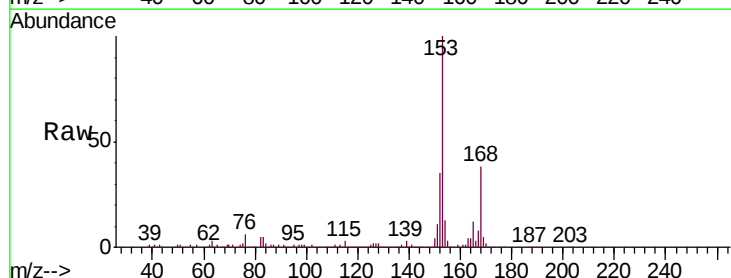
Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

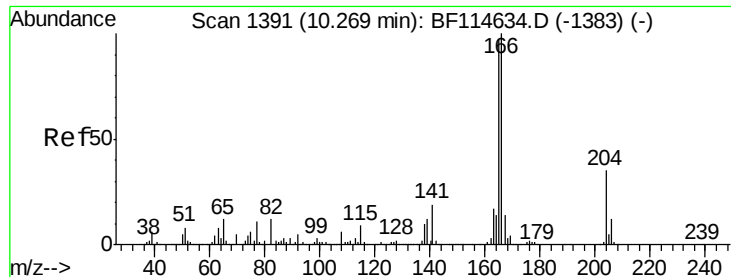
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.9	40.4	80.4#
65	1.6	54.7	94.7#



#57
2,4-Dinitrotoluene
Concen: 2.599 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	24.1	34.8	52.2#
89	9.0	58.5	87.7#
182	0.0	2.2	3.2#

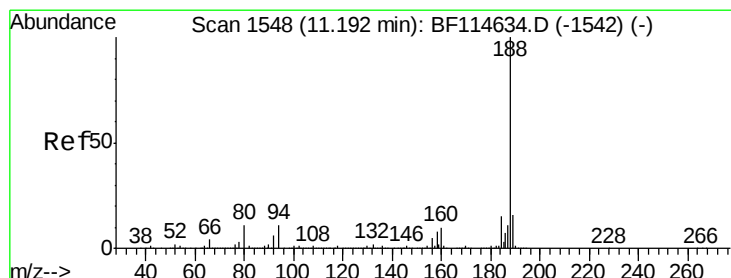
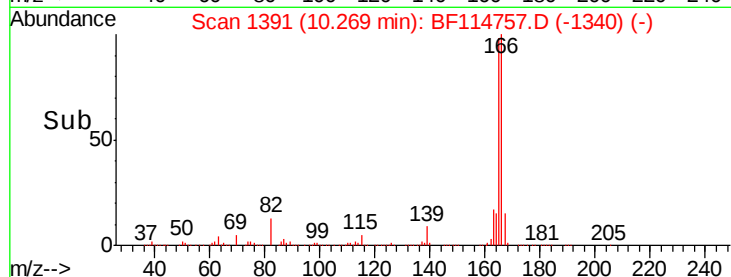
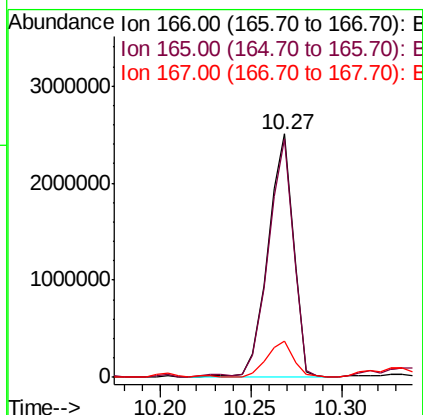
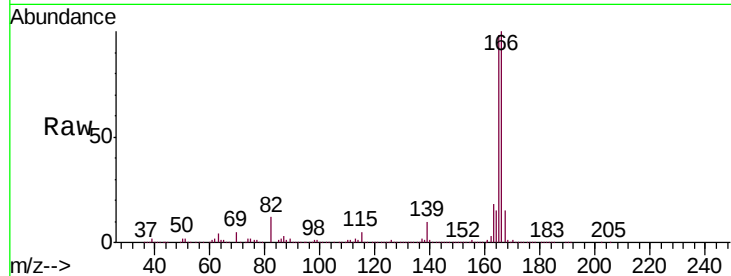




#58
 Fluorene
 Concen: 82.443 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF114757.D
 Acq: 1 Jun 2019 15:19

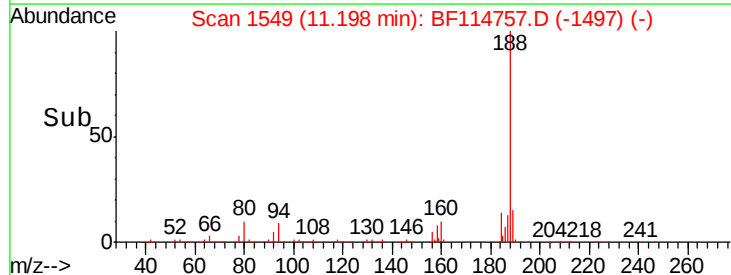
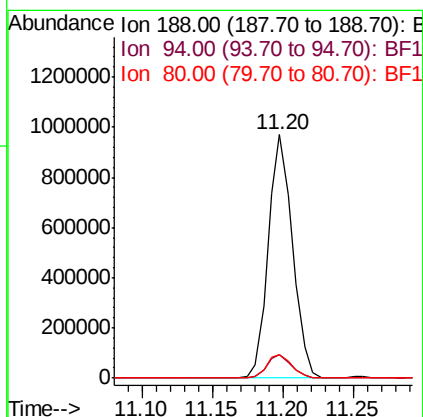
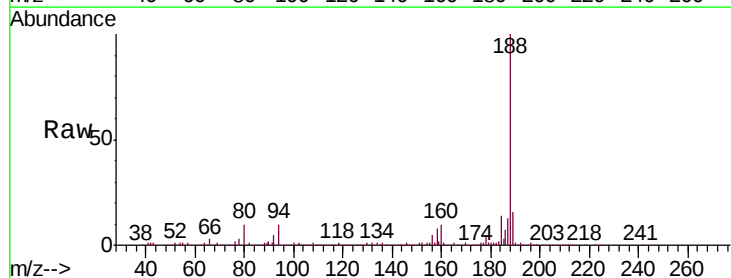
Instrument :
 BNA_F
 ClientSampleId :
 0430-HR-10(HACKENSACK)

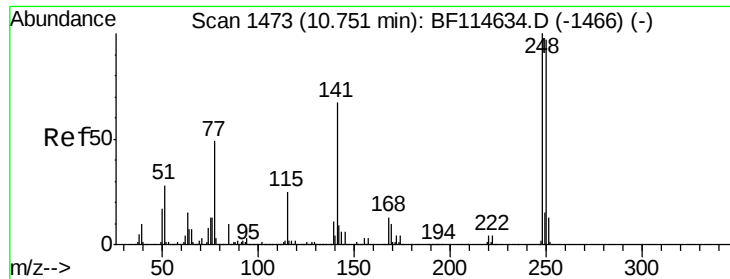
Tgt Ion:166 Resp: 2422496
 Ion Ratio Lower Upper
 166 100
 165 97.9 77.6 116.4
 167 14.8 11.2 16.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF114757.D
 Acq: 1 Jun 2019 15:19

Tgt Ion:188 Resp: 1168446
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.6 13.0
 80 9.8 9.0 13.6

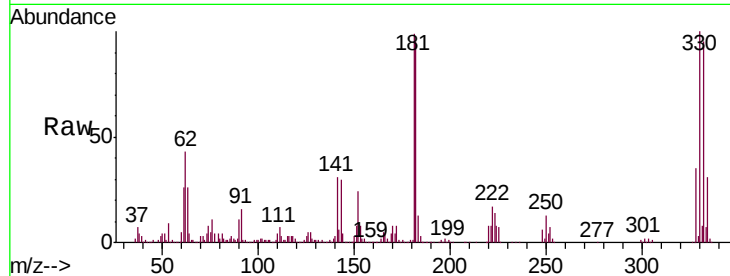




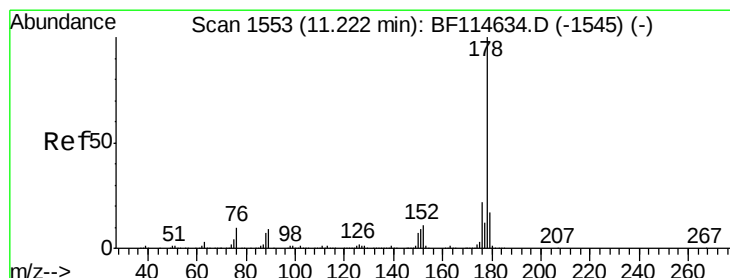
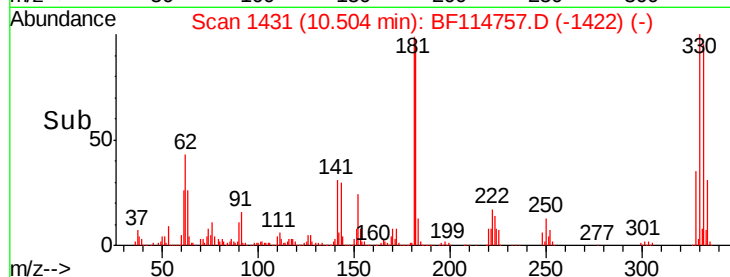
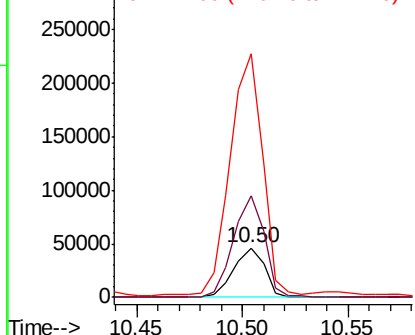
#67
 4-Bromophenyl-phenylether
 Concen: 3.744 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114757.D
 Acq: 1 Jun 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 0430-HR-10(HACKENSACK)

Tgt Ion:248 Resp: 46910
 Ion Ratio Lower Upper
 248 100
 250 208.2 78.0 117.0#
 141 496.3 53.8 80.8#

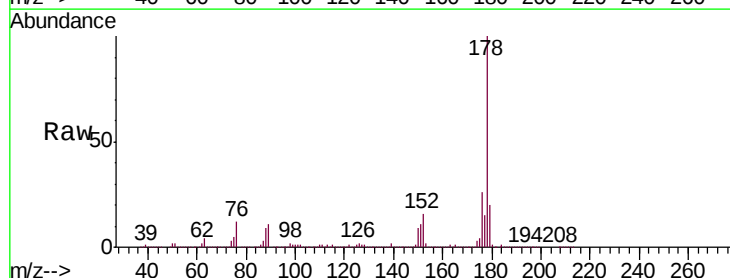


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

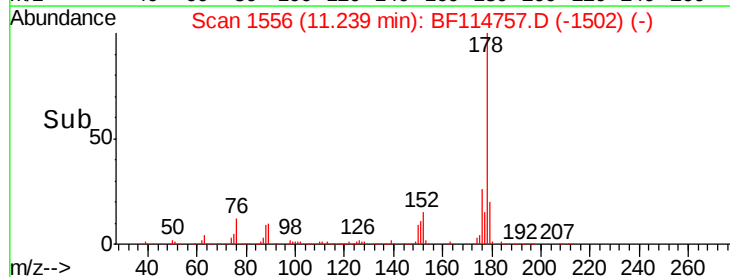
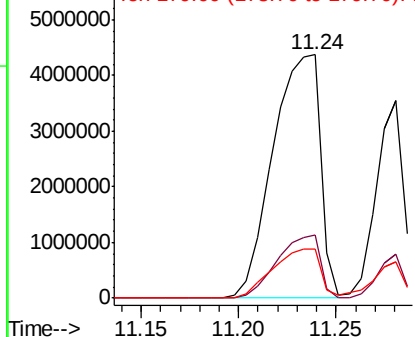


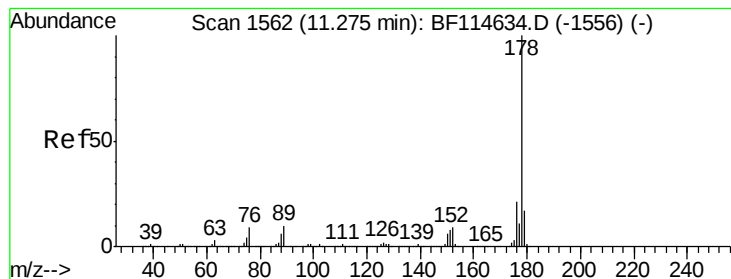
#71
 Phenanthrene
 Concen: 123.176 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.02 min
 Lab File: BF114757.D
 Acq: 1 Jun 2019 15:19

Tgt Ion:178 Resp: 7341827
 Ion Ratio Lower Upper
 178 100
 176 25.7 17.2 25.8
 179 20.2 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 55.186 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)

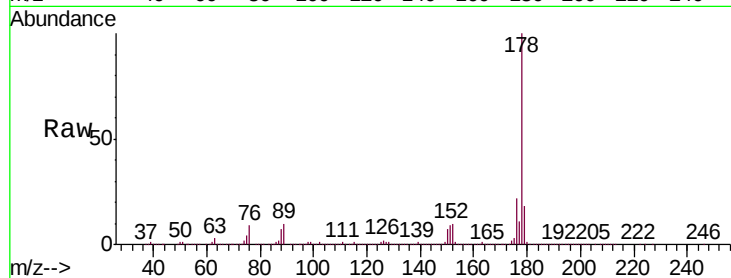
Tgt Ion:178 Resp: 3329134

Ion Ratio Lower Upper

178 100

176 22.0 16.6 24.8

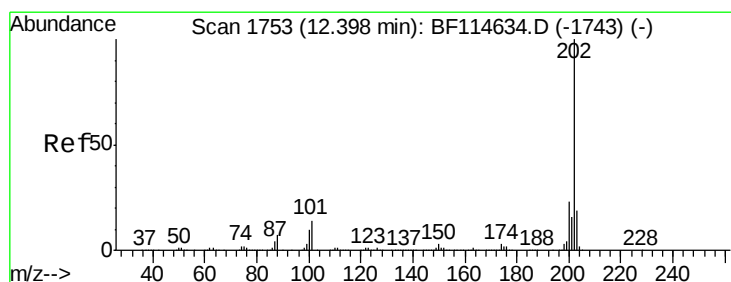
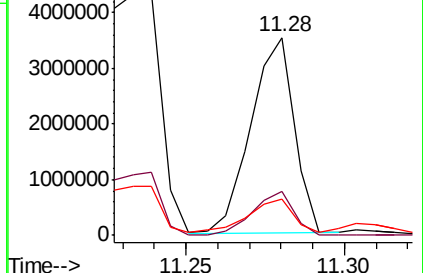
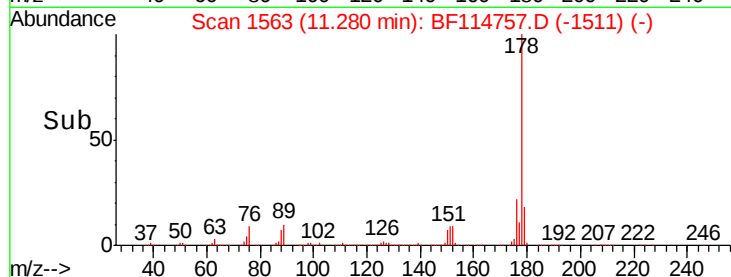
179 18.2 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 143.931 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.03 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

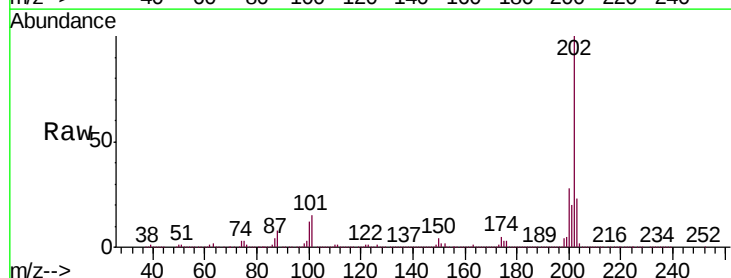
Tgt Ion:202 Resp: 8883238

Ion Ratio Lower Upper

202 100

101 15.2 0.0 33.9

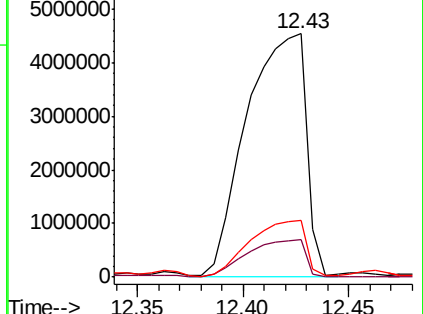
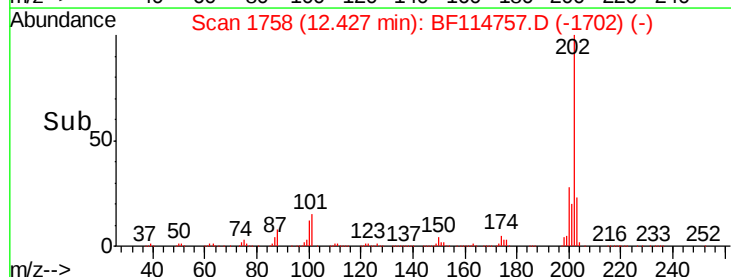
203 23.1 0.0 39.1

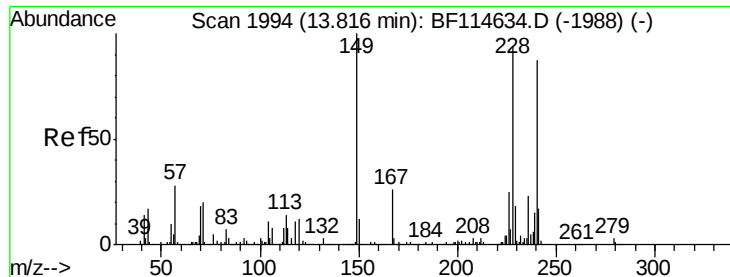


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

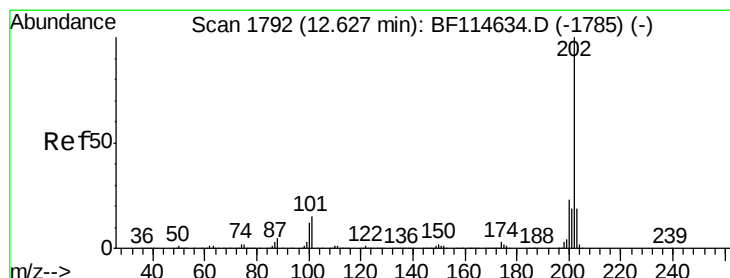
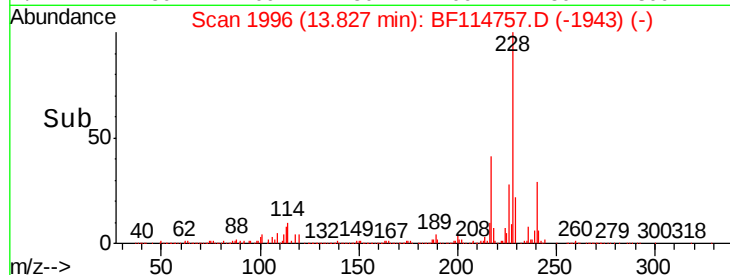
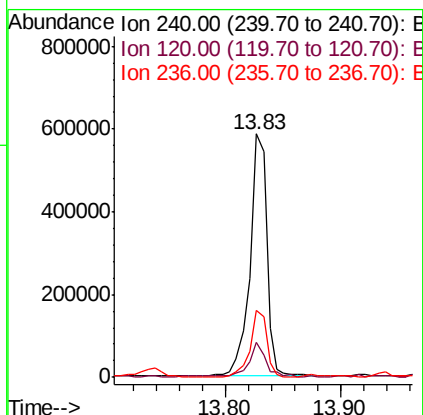
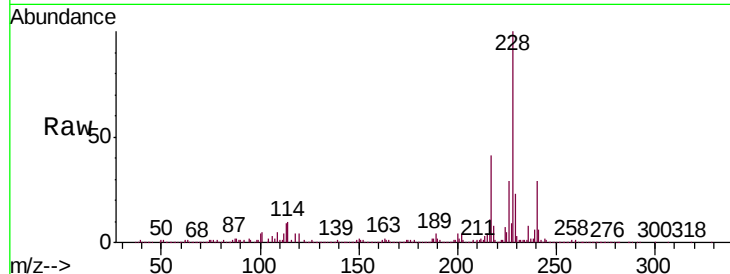




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

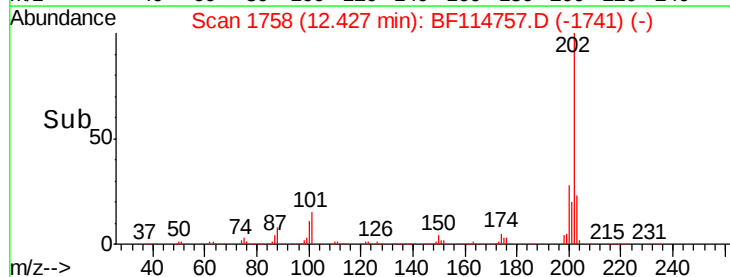
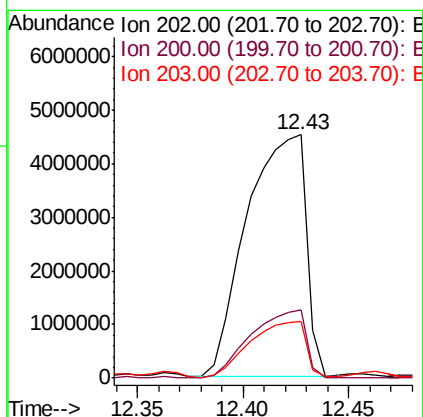
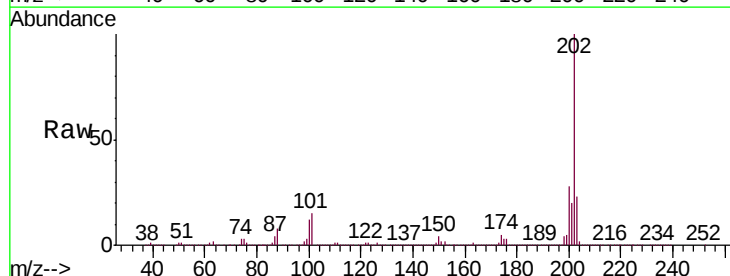
Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

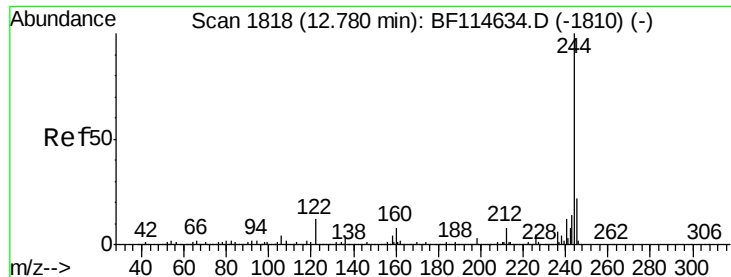
Tgt Ion: 240 Resp: 597035
Ion Ratio Lower Upper
240 100
120 14.4 11.2 16.8
236 27.7 21.2 31.8



#78
Pyrene
Concen: 174.641 ng
RT: 12.43 min Scan# 1758
Delta R.T. -0.20 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion: 202 Resp: 8820138
Ion Ratio Lower Upper
202 100
200 27.9 18.6 28.0
203 23.1 15.4 23.2





#79

Terphenyl-d14

Concen: 86.386 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)

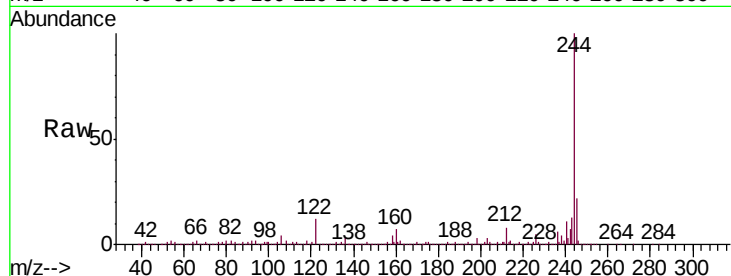
Tgt Ion:244 Resp: 2743159

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

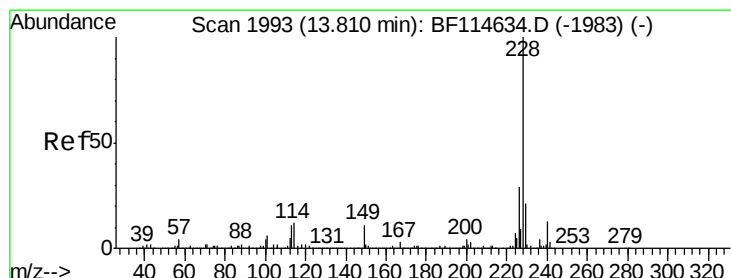
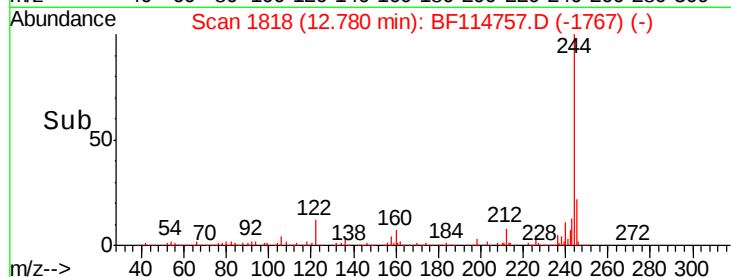
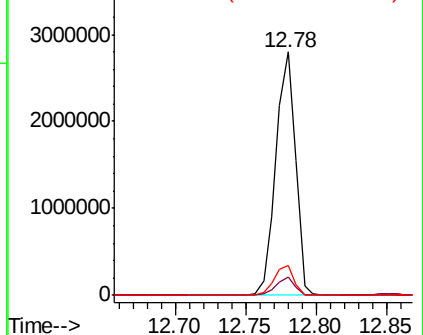
122 12.3 9.8 14.8



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



#81

Benzo(a)anthracene

Concen: 109.362 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

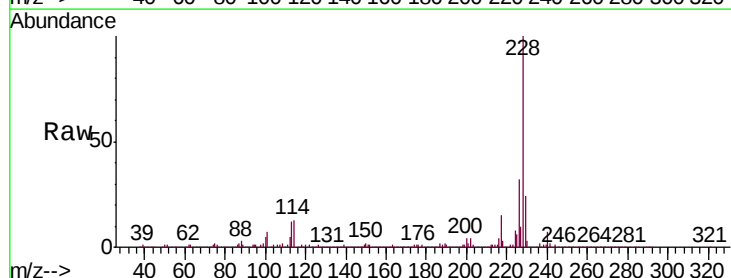
Tgt Ion:228 Resp: 5017508

Ion Ratio Lower Upper

228 100

226 32.0 23.0 34.6

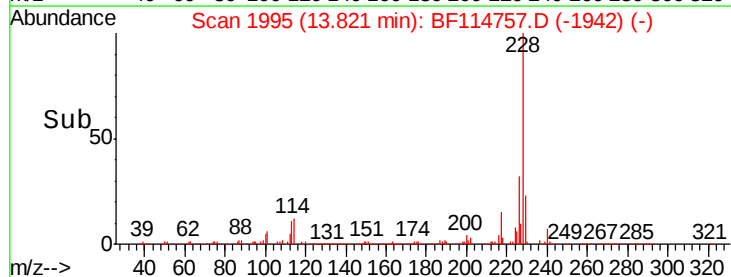
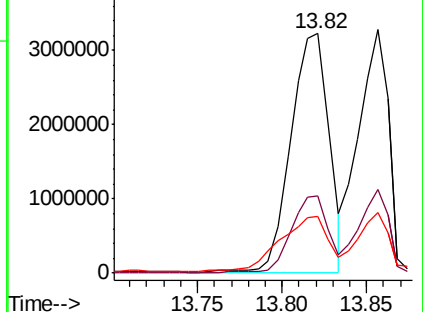
229 23.5 17.0 25.4

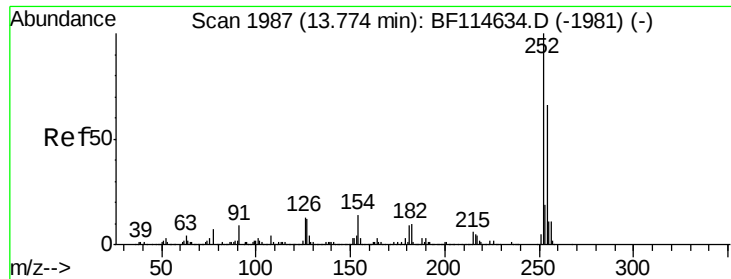


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

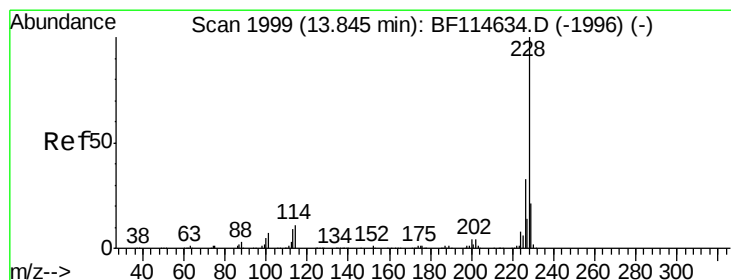
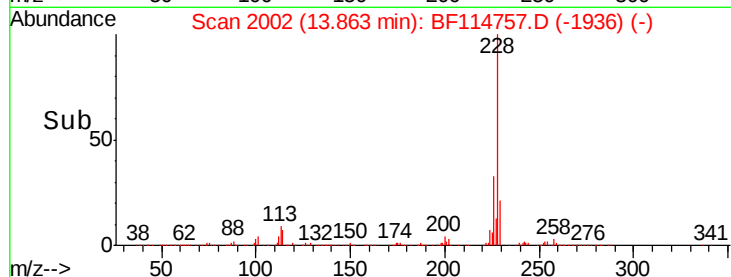
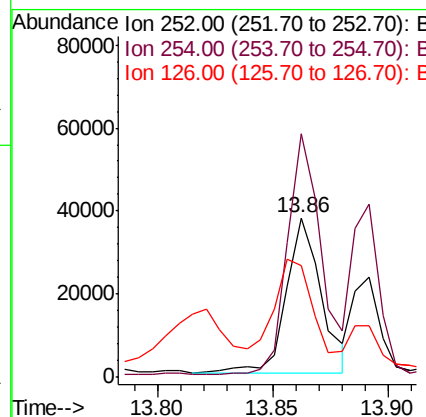
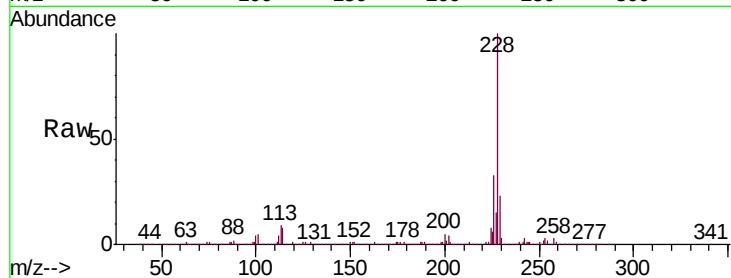




#82
 3,3'-Dichlorobenzidine
 Concen: 2.231 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.09 min
 Lab File: BF114757.D
 Acq: 1 Jun 2019 15:19

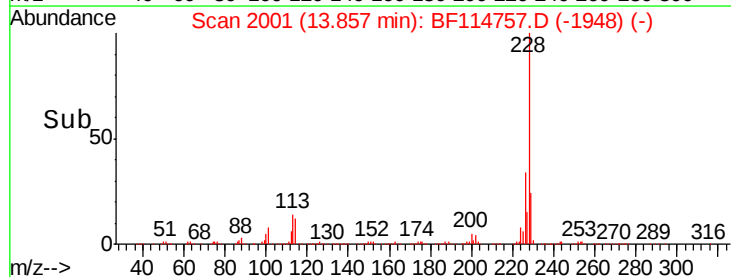
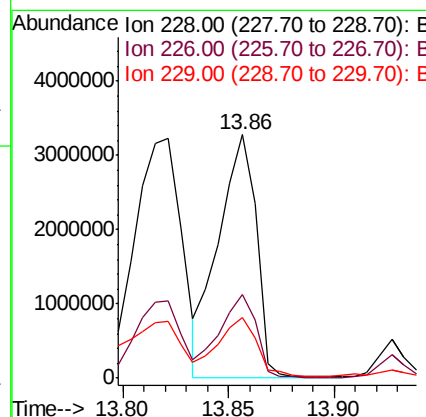
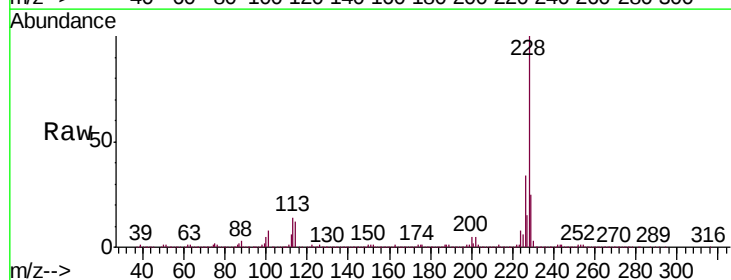
Instrument :
 BNA_F
 ClientSampleId :
 0430-HR-10(HACKENSACK)

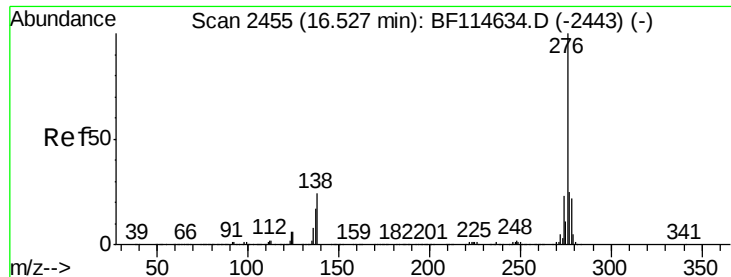
Tgt Ion:252 Resp: 39528
 Ion Ratio Lower Upper
 252 100
 254 152.4 53.1 79.7#
 126 69.8 10.2 15.2#



#83
 Chrysene
 Concen: 92.108 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF114757.D
 Acq: 1 Jun 2019 15:19

Tgt Ion:228 Resp: 4037517
 Ion Ratio Lower Upper
 228 100
 226 34.3 26.4 39.6
 229 24.7 17.1 25.7





#86

Indeno(1,2,3-cd)pyrene

Concen: 46.510 ng

RT: 16.54 min Scan# 2458

Delta R.T. 0.02 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)

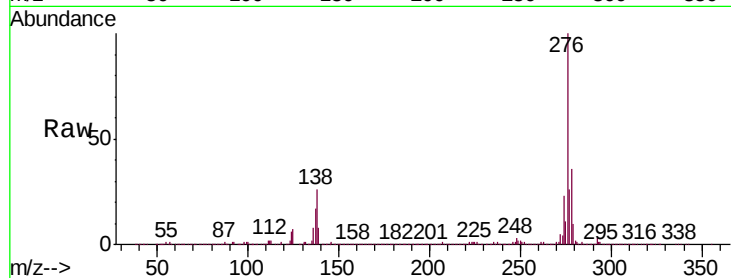
Tgt Ion:276 Resp: 2041912

Ion Ratio Lower Upper

276 100

138 24.7 23.0 34.6

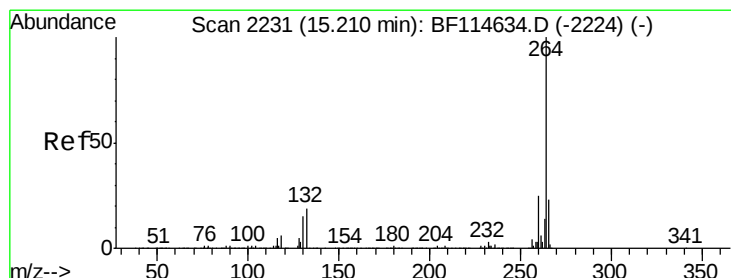
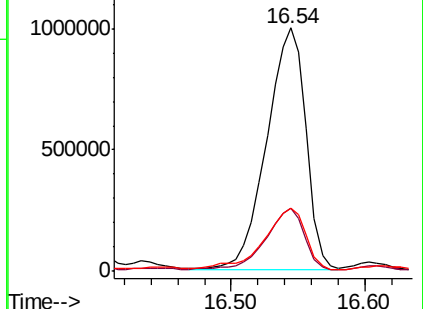
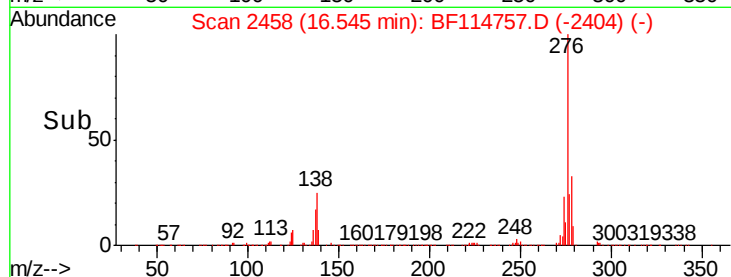
277 27.4 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.01 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

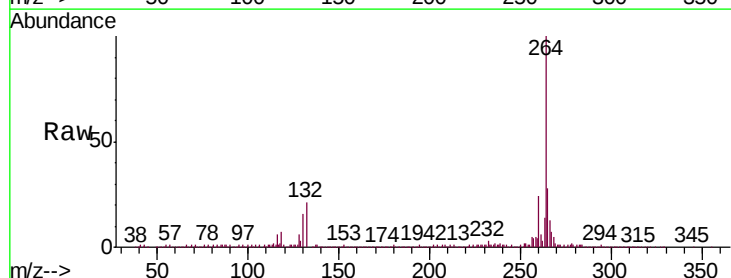
Tgt Ion:264 Resp: 971003

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

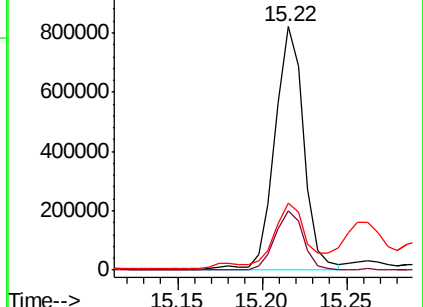
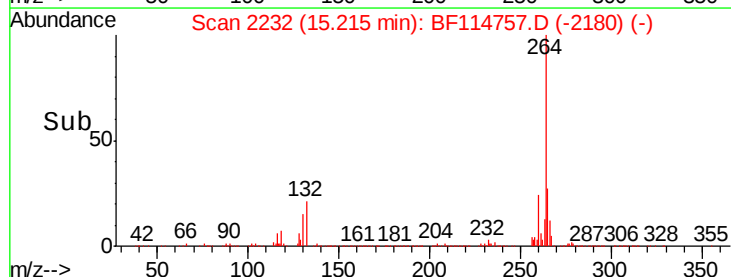
265 27.7 18.1 27.1#

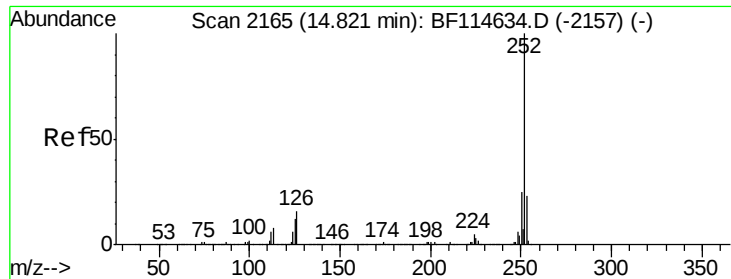


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 117.877 ng

RT: 14.84 min Scan# 2168

Delta R.T. 0.02 min

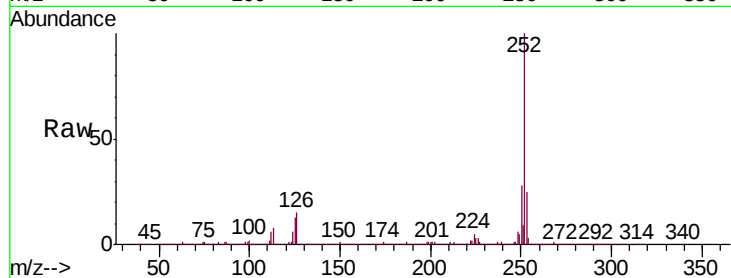
Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

Tgt Ion:252 Resp: 7209054

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.7	28.1
125	13.4	9.4	14.2

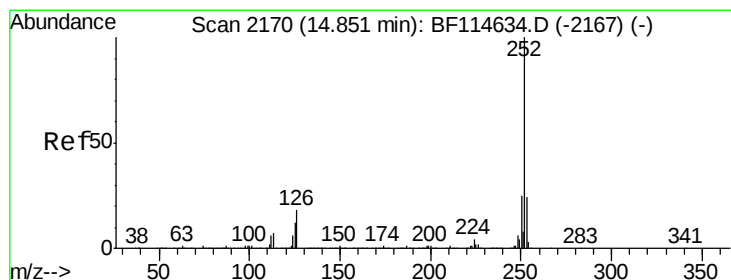
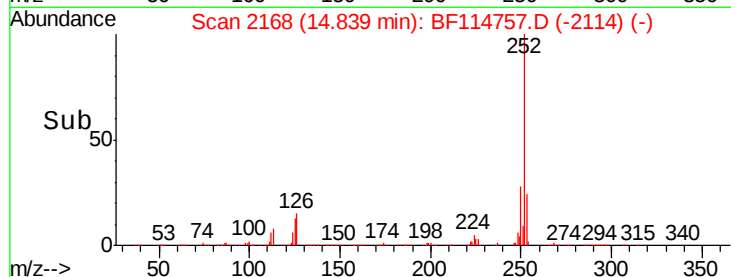
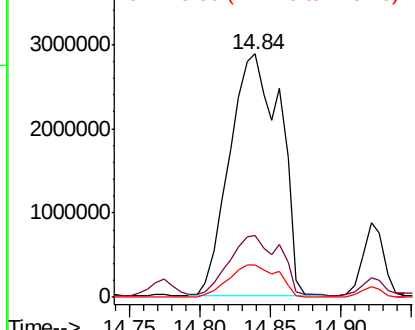


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 135.619 ng

RT: 14.84 min Scan# 2168

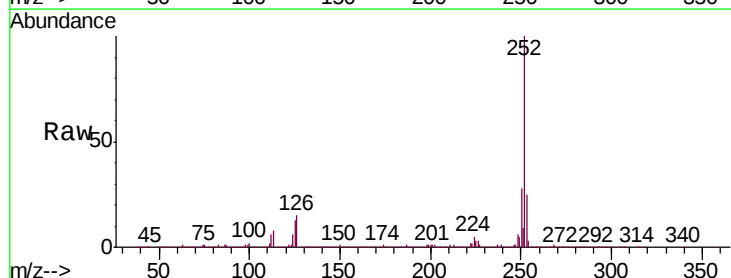
Delta R.T. -0.01 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

Tgt Ion:252 Resp: 7209054

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.9	28.3
125	13.4	9.5	14.3

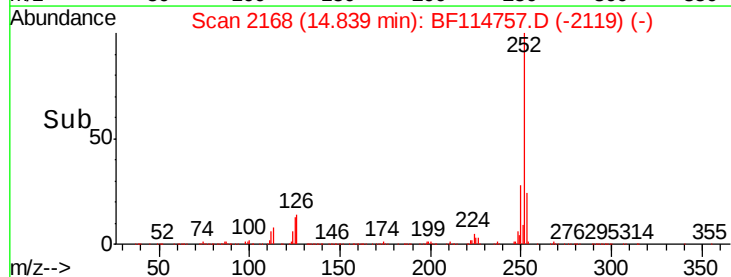
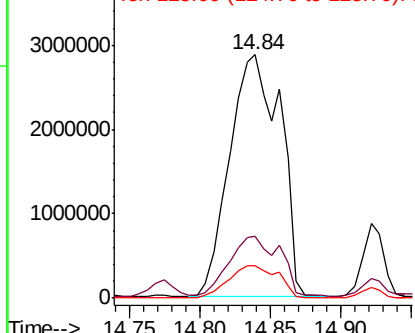


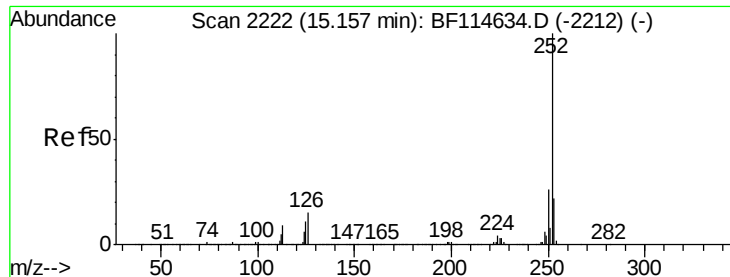
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

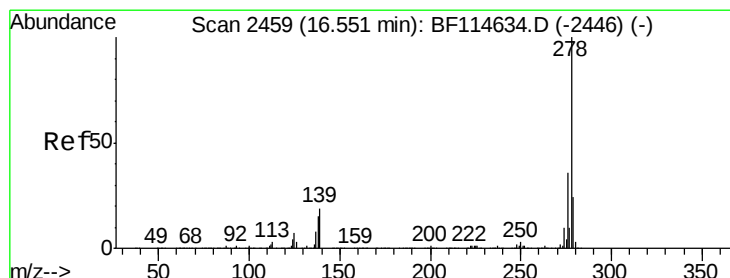
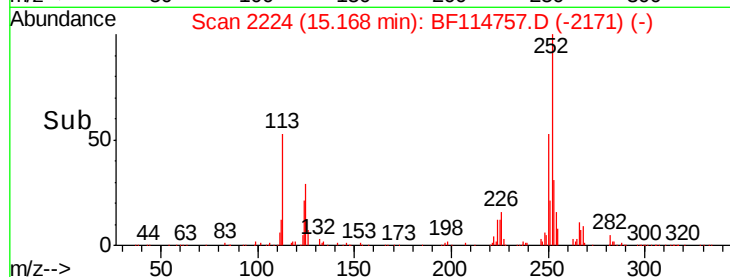
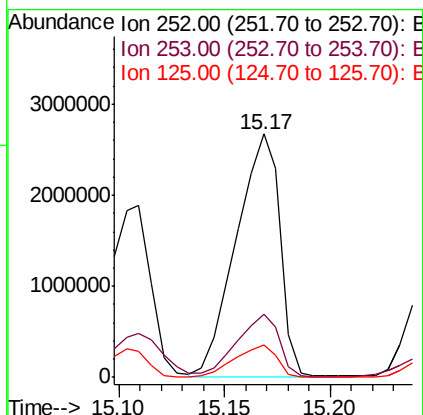
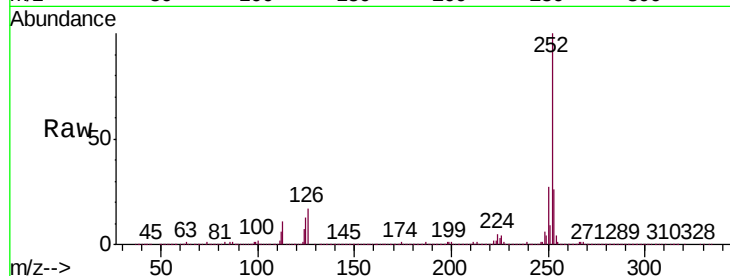




#90
Benzo(a)pyrene
Concen: 71.116 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

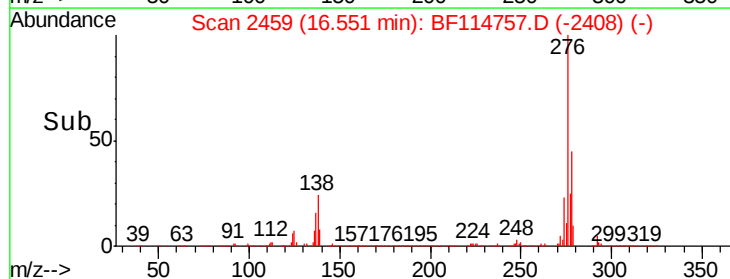
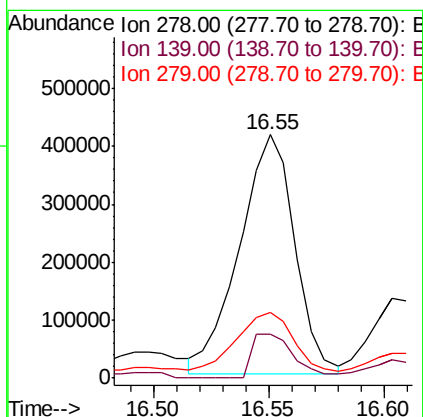
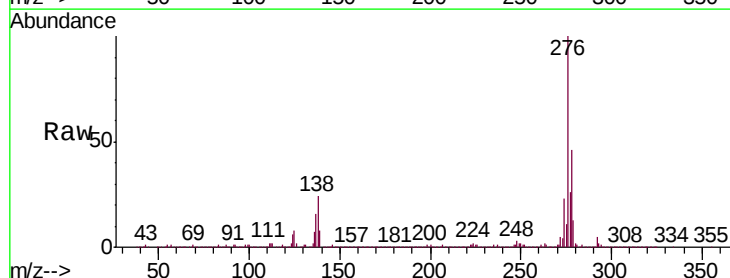
Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

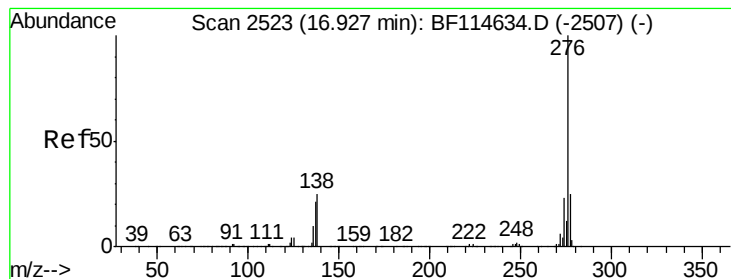
Tgt Ion:252 Resp: 3820809
Ion Ratio Lower Upper
252 100
253 25.7 18.0 27.0
125 13.3 9.2 13.8



#91
Dibenzo(a,h)anthracene
Concen: 14.533 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:278 Resp: 689942
Ion Ratio Lower Upper
278 100
139 18.2 14.9 22.3
279 27.0 19.5 29.3





#92

Benzo(g,h,i)perylene

Concen: 36.394 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.02 min

Lab File: BF114757.D

Acq: 1 Jun 2019 15:19

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)

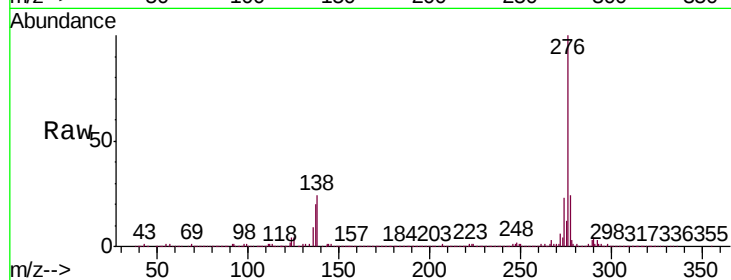
Tgt Ion:276 Resp: 1676971

Ion Ratio Lower Upper

276 100

277 24.2 19.7 29.5

138 24.2 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

