

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114886.D
 Acq On : 7 Jun 2019 2:01
 Operator : HP/JU
 Sample : K3097-10 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 07 04:01:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	403050	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1484026	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	649557	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1060843	20.00	ng	0.00
76) Chrysene-d12	13.80	240	692255	20.00	ng	0.00
87) Perylene-d12	15.18	264	603561	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	715584	31.02	ng	0.00
7) Phenol-d6	6.30	99	871995	31.07	ng	0.00
23) Nitrobenzene-d5	7.23	82	467785	19.40	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	169796	24.26	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	924585	26.66	ng	0.00
79) Terphenyl-d14	12.75	244	730734	20.53	ng	0.00

Target Compounds

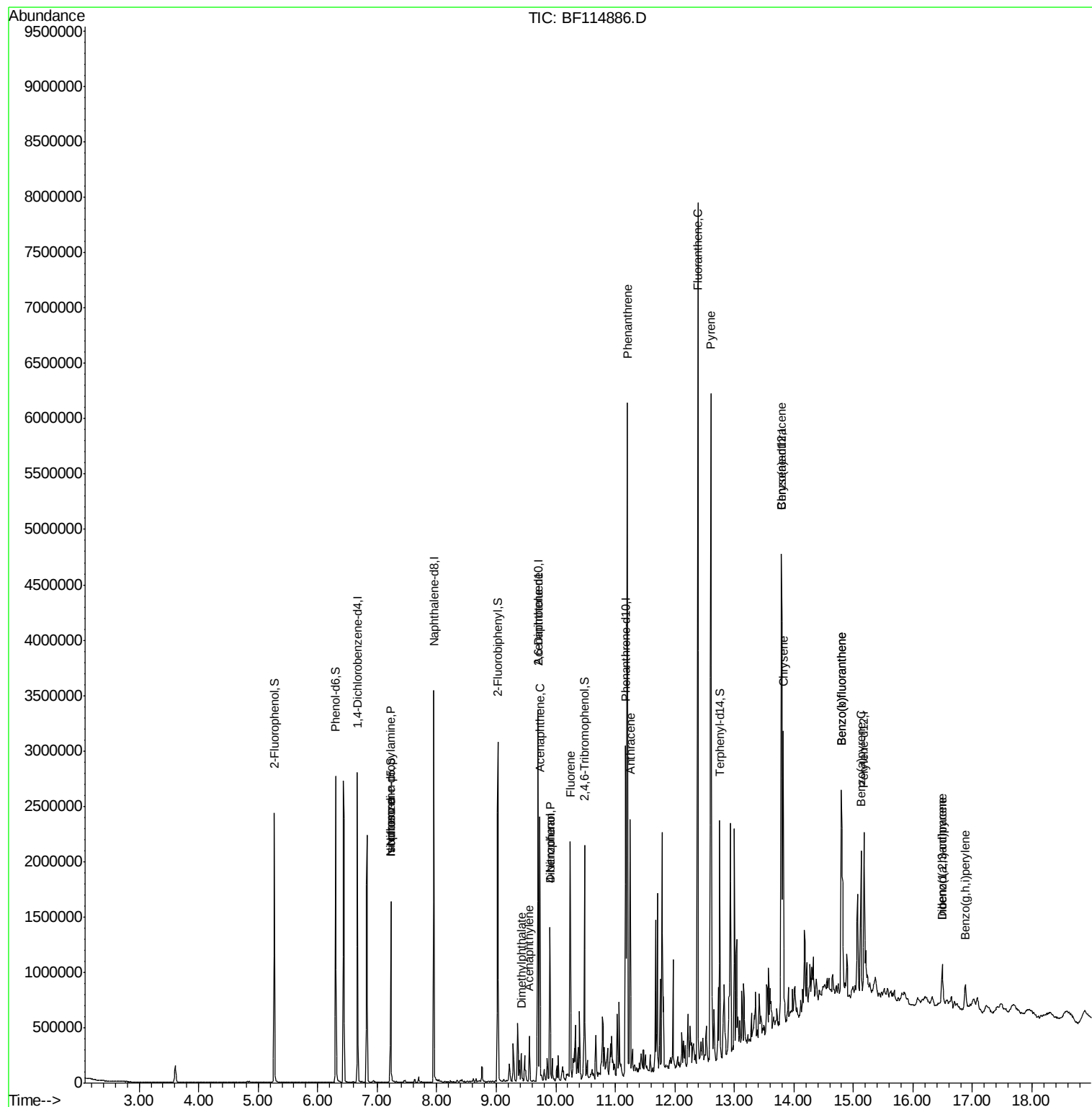
						Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	60730	3.269	ng	# 80
25) Isophorone	7.23	82	457342	9.596	ng	# 61
49) Acenaphthylene	9.56	152	123320	2.079	ng	95
50) Dimethylphthalate	9.42	163	107763	2.272	ng	99
51) 2,6-Dinitrotoluene	9.70	165	93110	8.345	ng	# 32
52) Acenaphthene	9.73	154	517790	13.324	ng	98
55) Dibenzofuran	9.90	168	489069	9.051	ng	92
56) 4-Nitrophenol	9.90	139	179532	18.798	ng	# 14
58) Fluorene	10.25	166	608432	10.513	ng	99
71) Phenanthrene	11.20	178	2513272	49.627	ng	98
72) Anthracene	11.25	178	857447	16.088	ng	95
75) Fluoranthene	12.39	202	3168222	60.106	ng	98
78) Pvrene	12.61	202	2623849	43.692	ng	99
81) Benzo(a)anthracene	13.79	228	1338206	25.086	ng	98
83) Chrysene	13.83	228	1090283	21.010	ng	97
86) Indeno(1,2,3-cd)pyrene	16.49	276	226878	3.832	ng	96
88) Benzo(b)fluoranthene	14.80	252	1313015	34.172	ng	98
89) Benzo(k)fluoranthene	14.80	252	1313015	40.239	ng	99
90) Benzo(a)pvrene	15.13	252	607188	18.257	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	75600	2.400	ng	# 89
92) Benzo(g,h,i)perylene	16.88	276	183522	5.794	ng	98

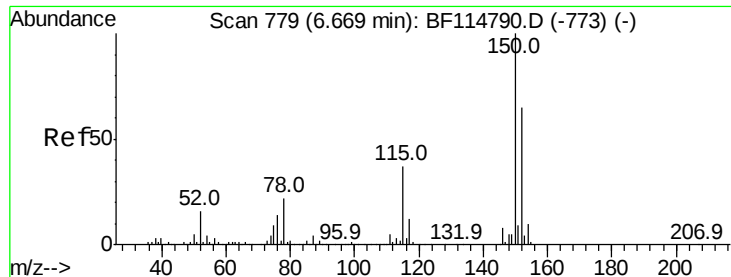
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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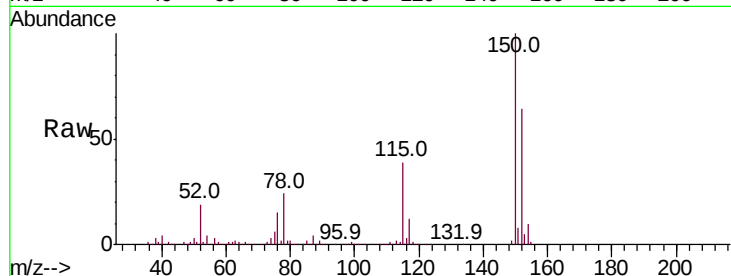


#1

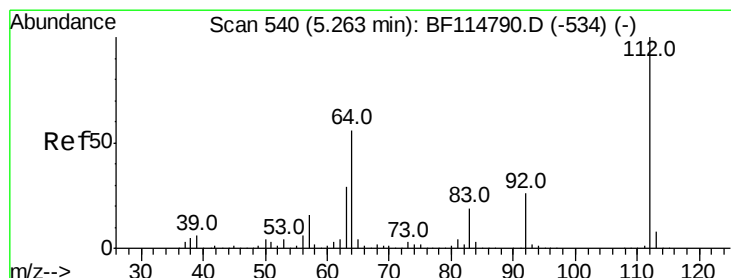
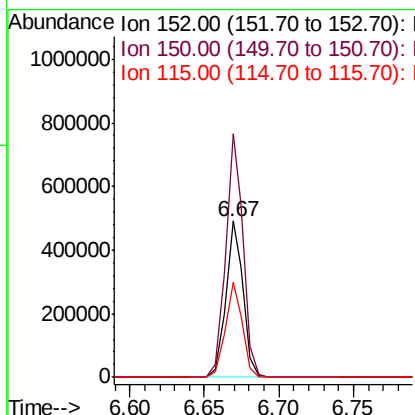
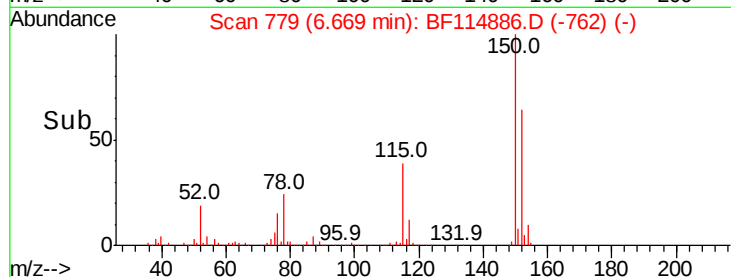
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

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

Tot Ion:152 Resp: 403050
Ion Ratio Lower Upper
152 100
150 156.0 124.0 186.0
115 61.2 46.3 69.5



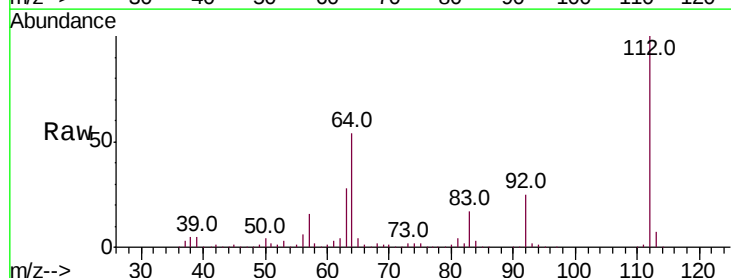
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



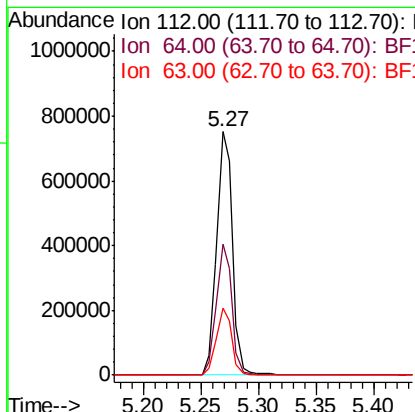
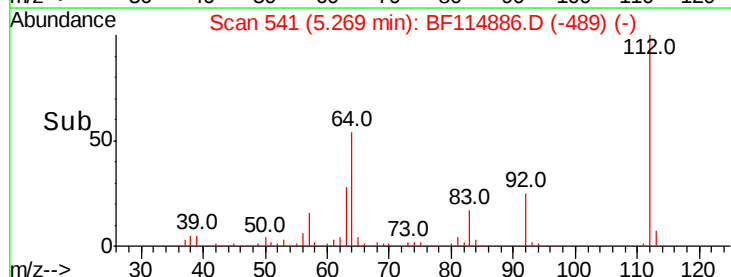
#5

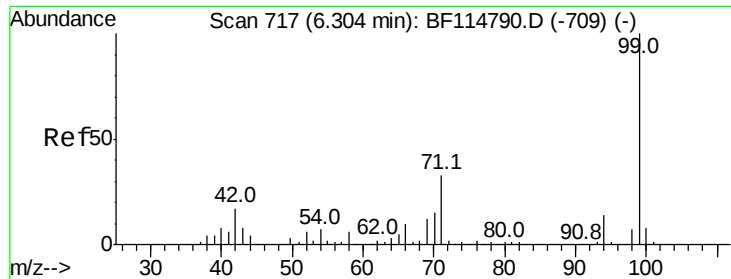
2-Fluorophenol
Concen: 31.023 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:112 Resp: 715584
Ion Ratio Lower Upper
112 100
64 54.0 44.6 66.8
63 27.6 23.0 34.4



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: 31.068 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)DL

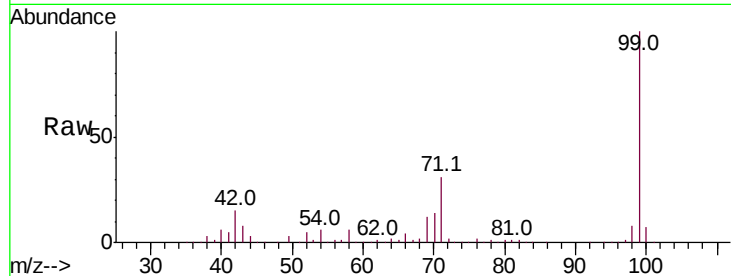
Tot Ion: 99 Resp: 871995

Ion Ratio Lower Upper

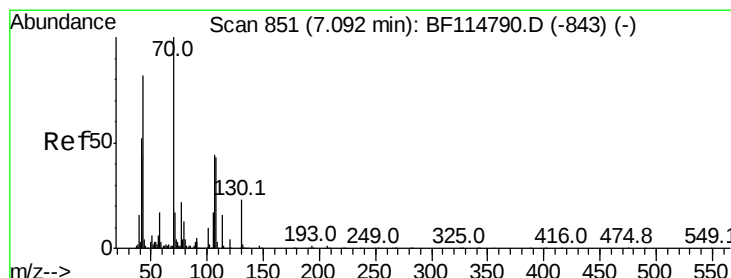
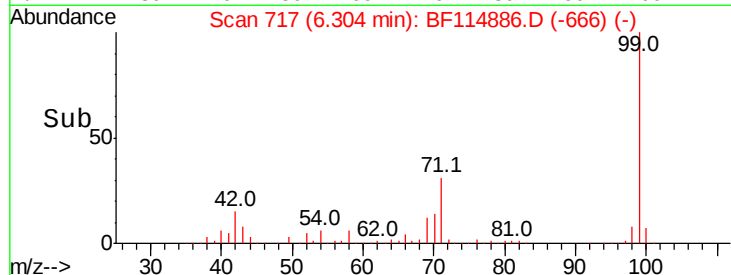
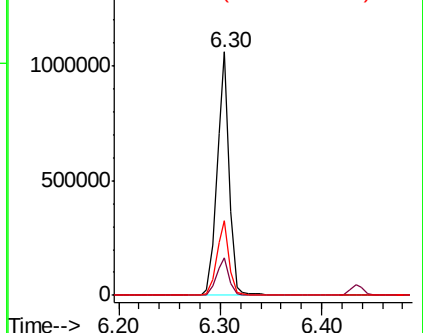
99 100

42 15.5 13.3 19.9

71 30.9 26.3 39.5



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: 3.269 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Tgt Ion: 70 Resp: 60730

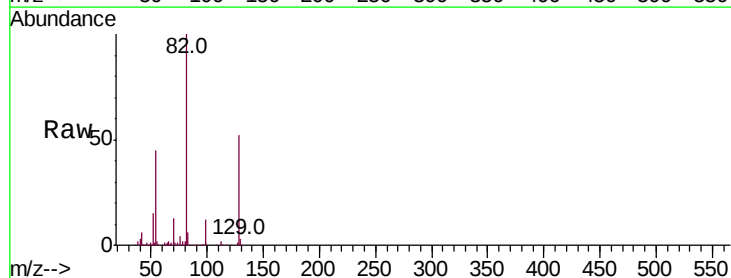
Ion Ratio Lower Upper

70 100

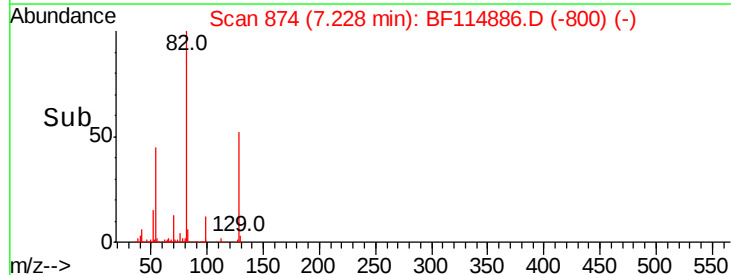
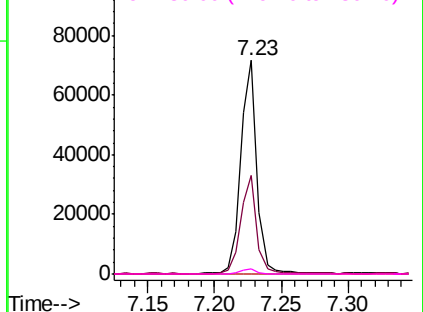
42 46.1 41.8 62.8

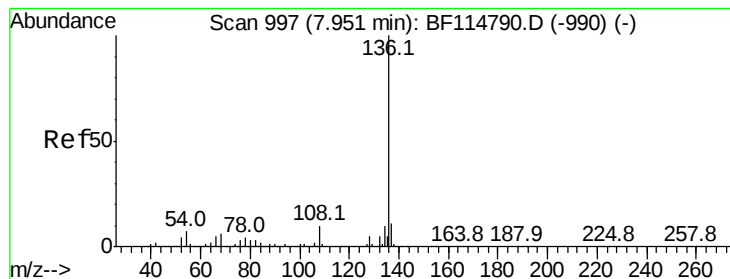
101 0.0 8.2 12.4#

130 2.6 18.5 27.7#



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: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)DL

Tot Ion:136 Resp: 1484026

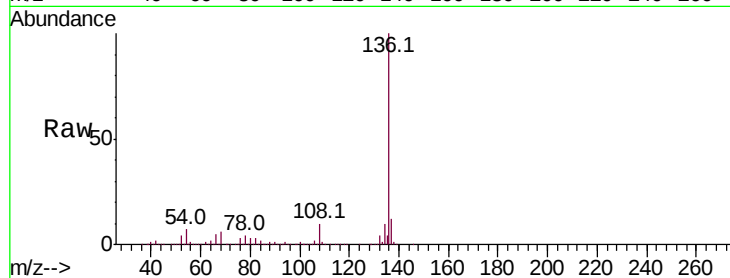
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.2 5.4 8.0

68 6.3 4.6 6.8

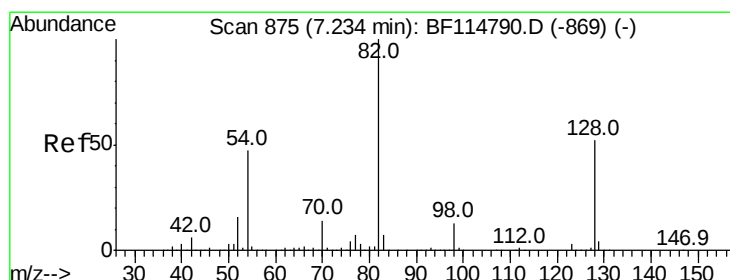
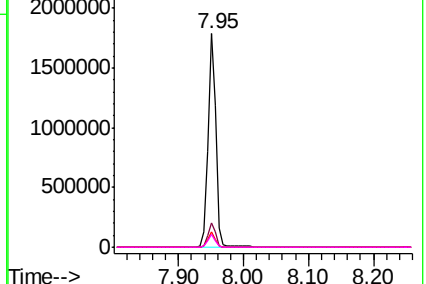
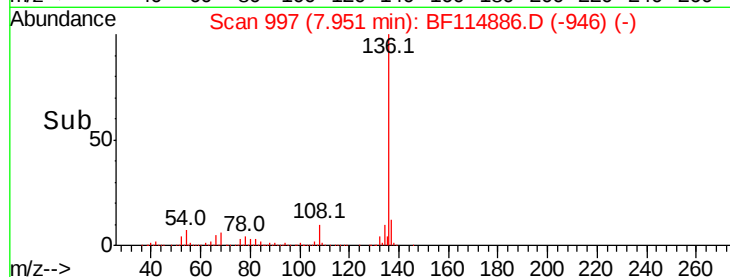


Abundance Ion 136.00 (135.70 to 136.70): E

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: 19.404 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

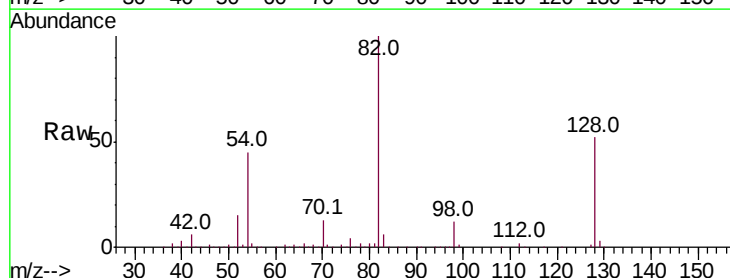
Tgt Ion: 82 Resp: 467785

Ion Ratio Lower Upper

82 100

128 51.7 41.8 62.6

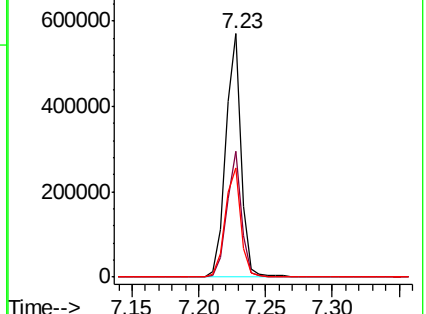
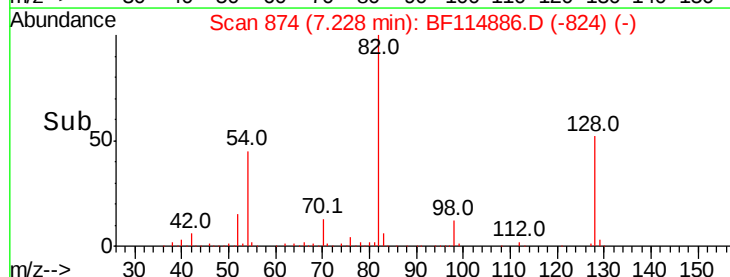
54 44.7 37.9 56.9

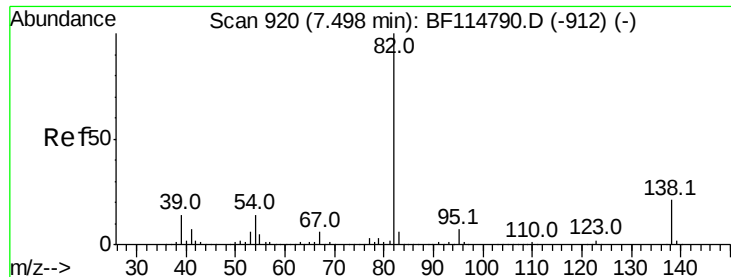


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 9.596 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)DL

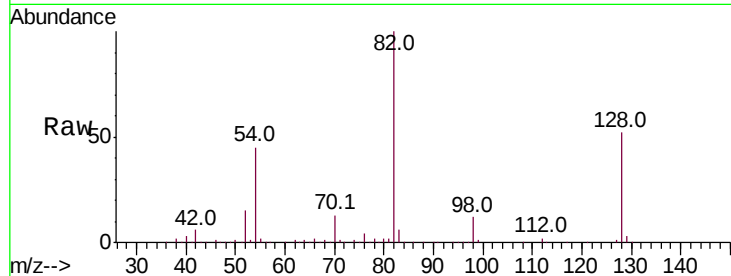
Tot Ion: 82 Resp: 457342

Ion Ratio Lower Upper

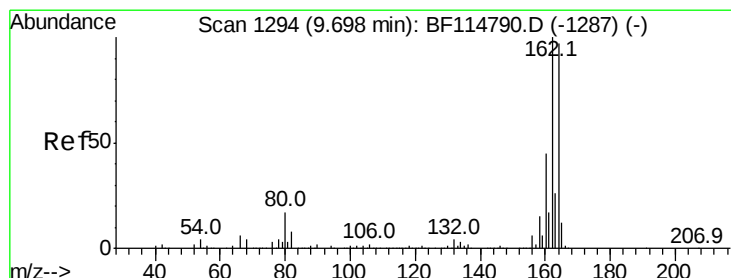
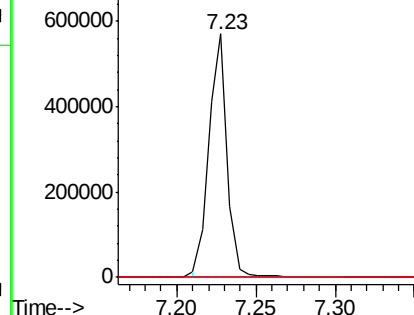
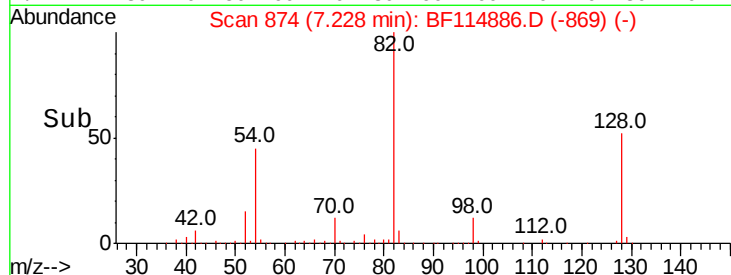
82 100

95 0.1 5.8 8.8#

138 0.0 16.9 25.3#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

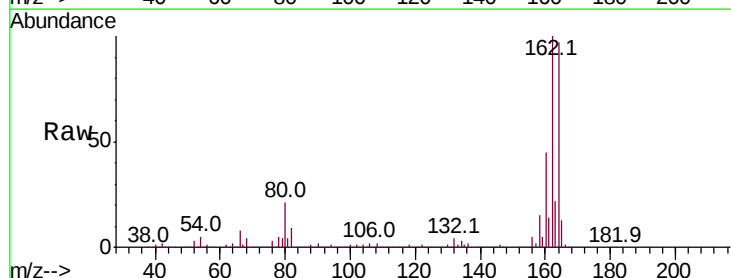
Tgt Ion:164 Resp: 649557

Ion Ratio Lower Upper

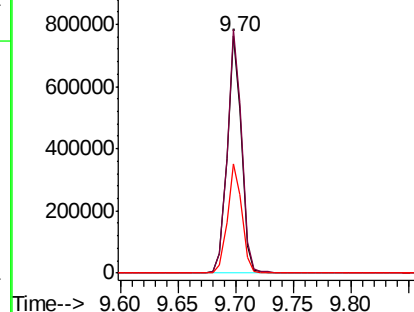
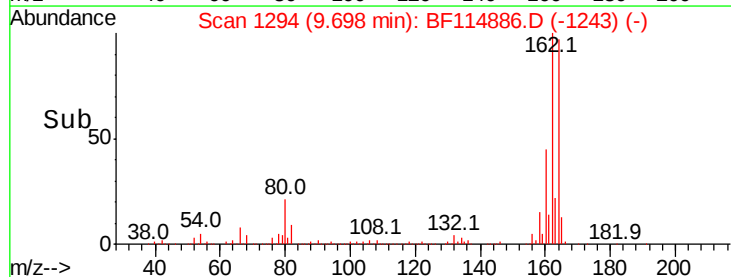
164 100

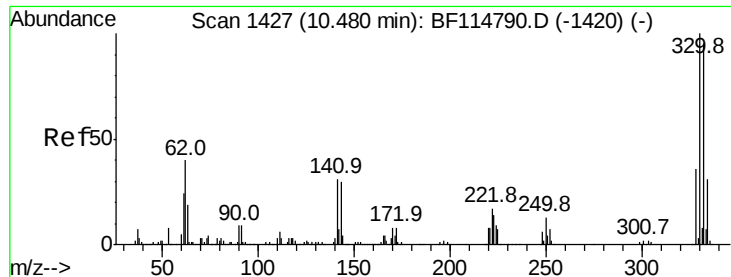
162 102.8 82.3 123.5

160 46.1 36.7 55.1



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

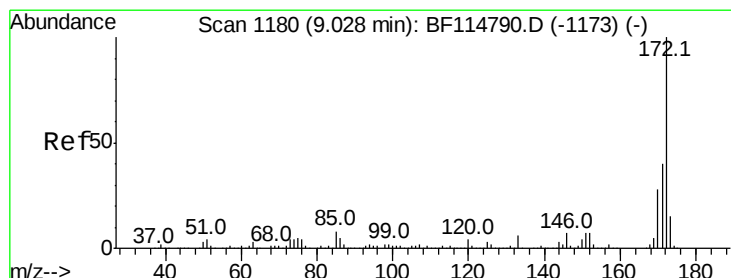
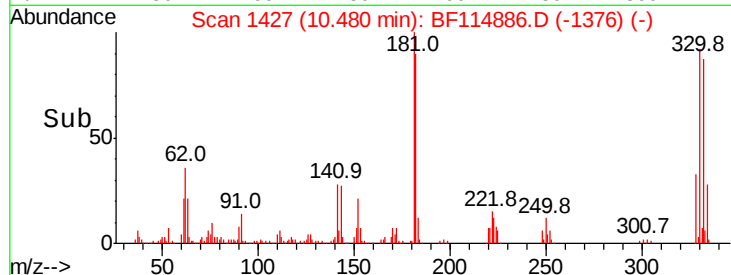
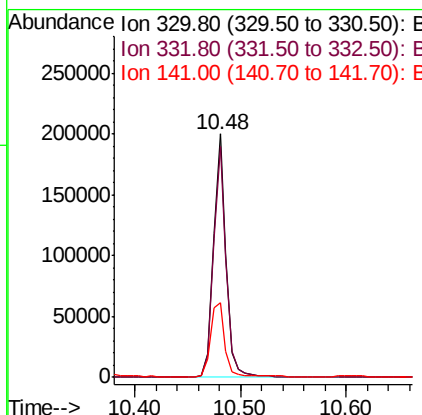
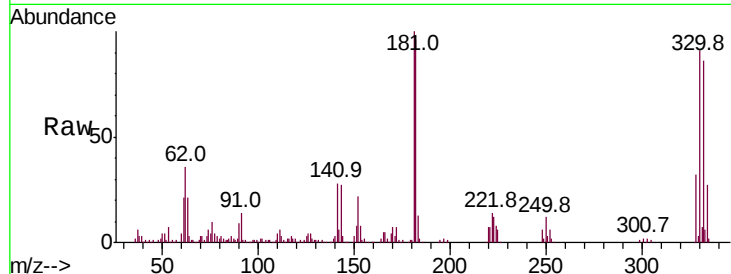




#42
 2,4,6-Tribromophenol
 Concen: 24.257 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114886.D
 Acq: 7 Jun 2019 2:01

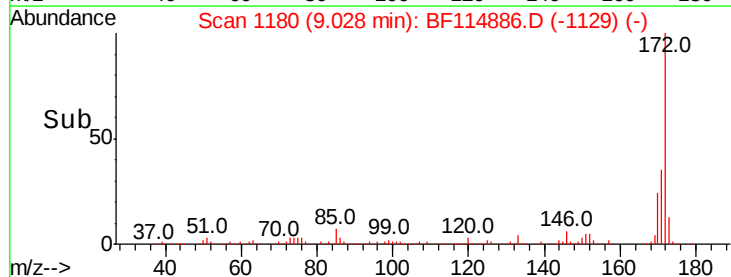
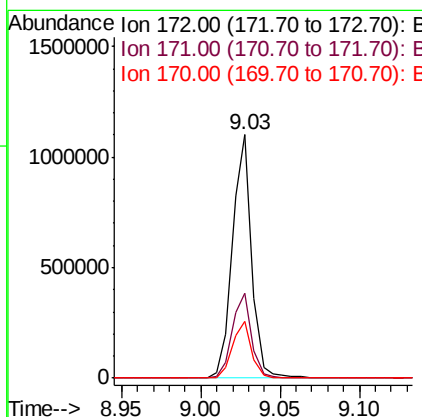
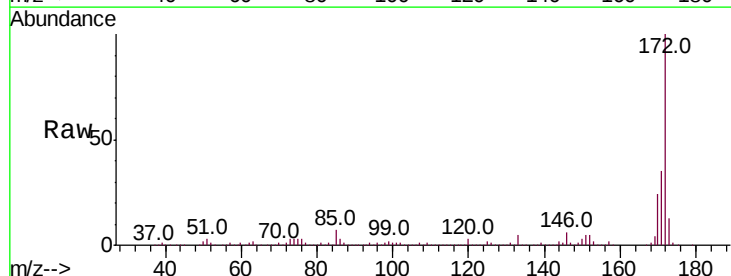
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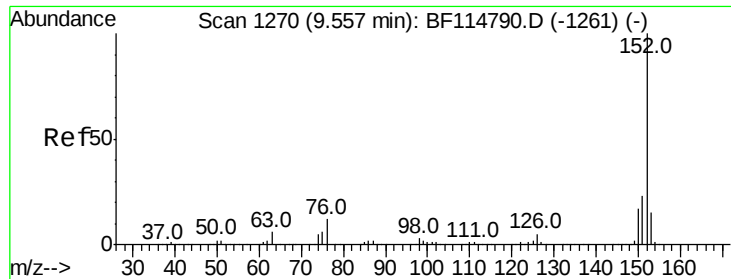
Tot Ion:330 Resp: 169796
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 34.9 26.2 39.4



#45
 2-Fluorobiphenyl
 Concen: 26.664 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114886.D
 Acq: 7 Jun 2019 2:01

Tgt Ion:172 Resp: 924585
 Ion Ratio Lower Upper
 172 100
 171 35.1 32.3 48.5
 170 23.5 22.4 33.6





#49

Acenaphthylene

Concen: 2.079 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)DL

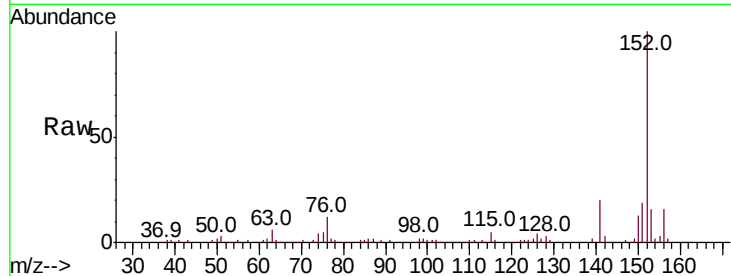
Tot Ion:152 Resp: 123320

Ion Ratio Lower Upper

152 100

151 19.1 18.3 27.5

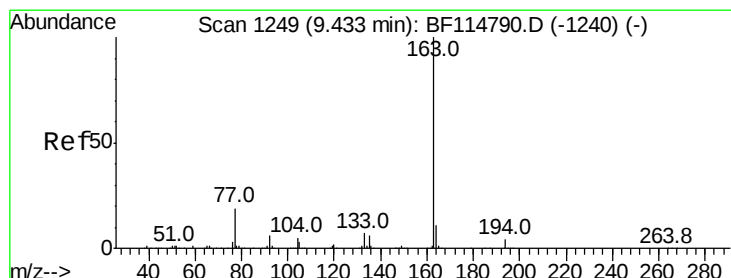
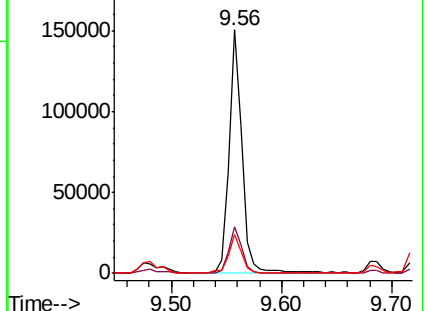
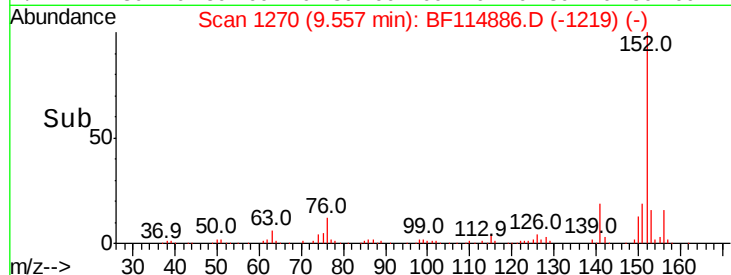
153 15.8 12.3 18.5



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: 2.272 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

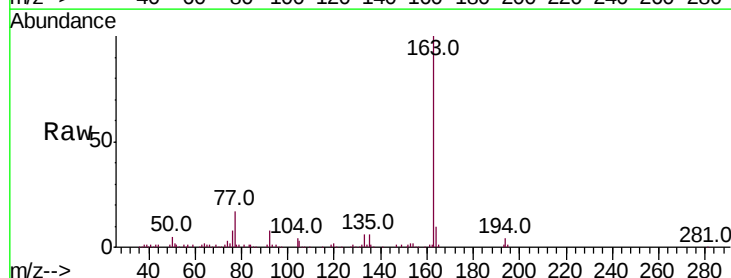
Tgt Ion:163 Resp: 107763

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

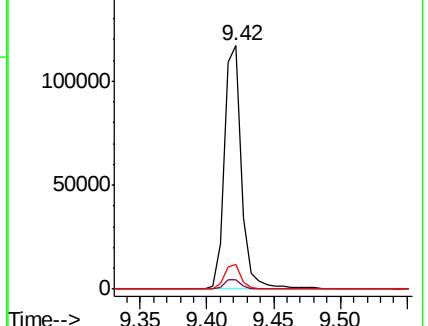
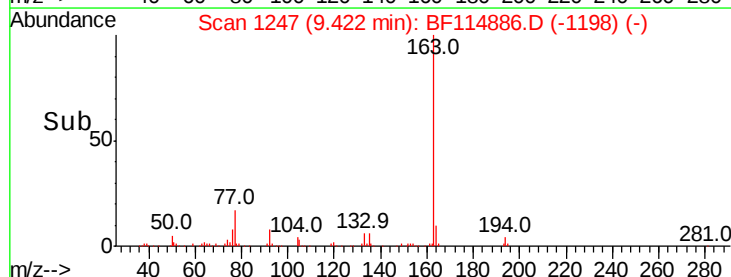
164 10.3 8.6 13.0

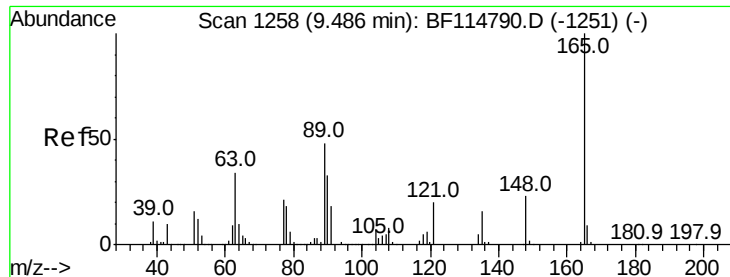


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

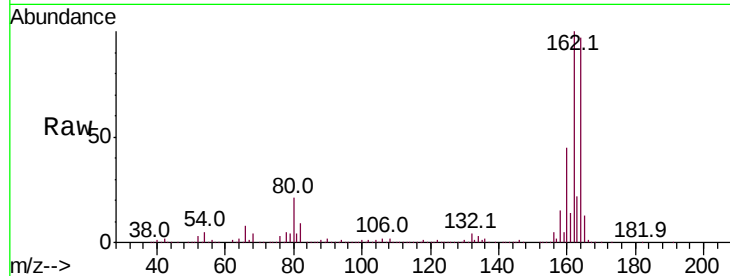




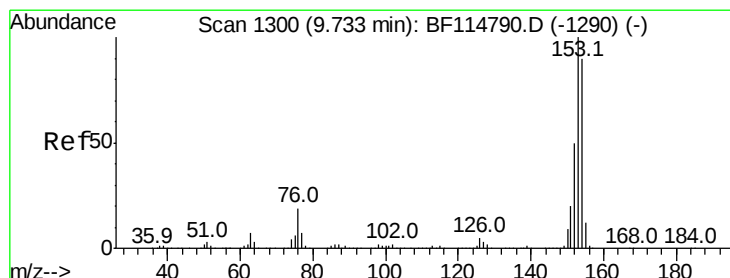
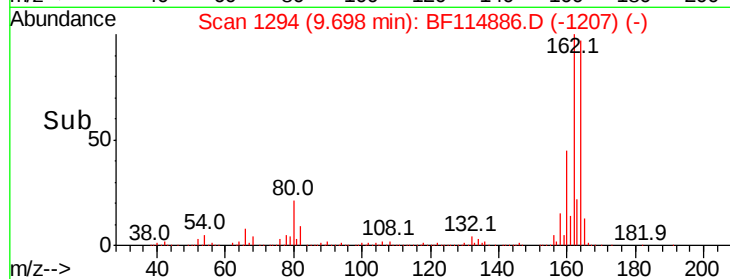
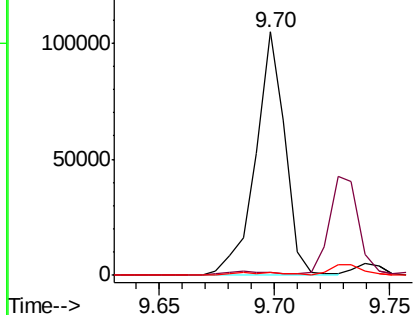
#51
 2,6-Dinitrotoluene
 Concen: 8.345 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.21 min
 Lab File: BF114886.D
 Acq: 7 Jun 2019 2:01

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.1	52.7#
89	1.2	38.2	57.2#

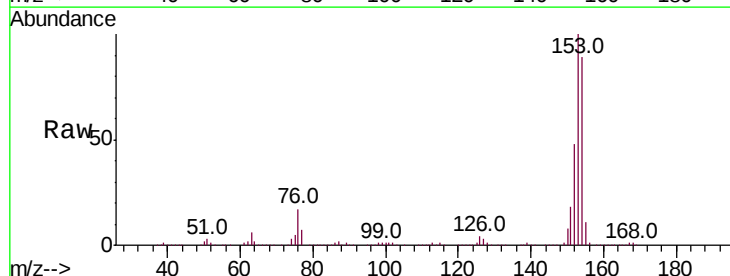


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

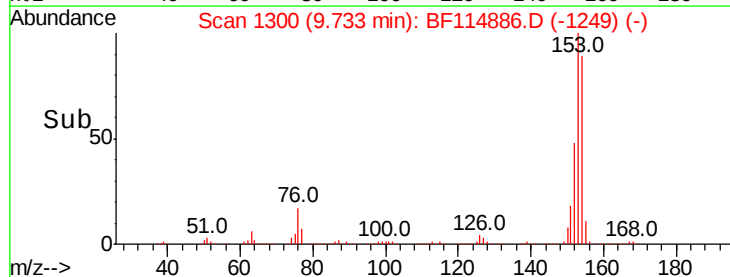
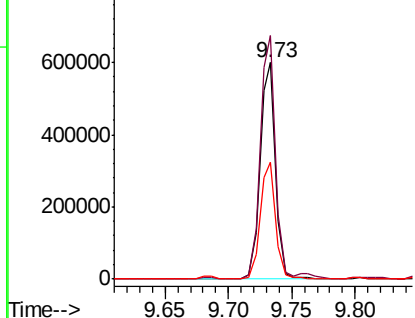


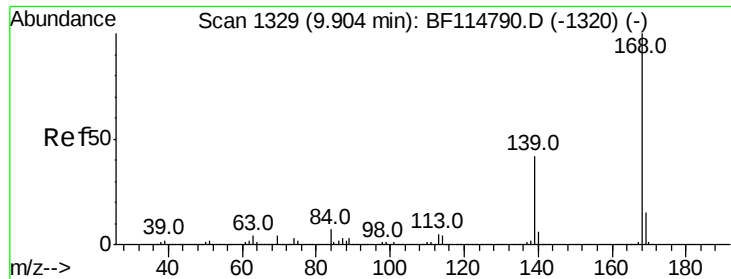
#52
 Acenaphthene
 Concen: 13.324 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF114886.D
 Acq: 7 Jun 2019 2:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	88.5	132.7
152	54.2	44.1	66.1



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

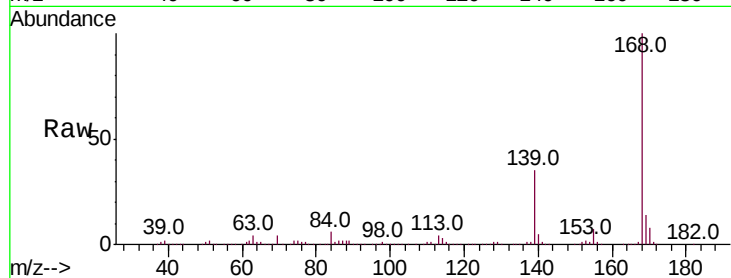




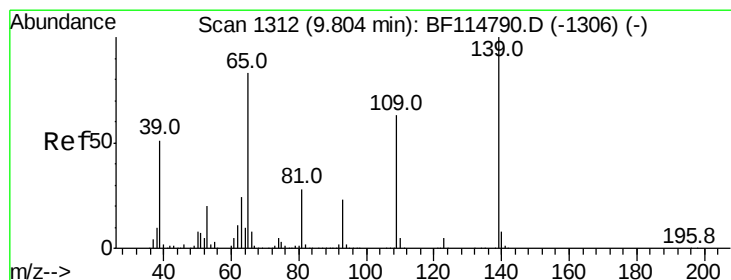
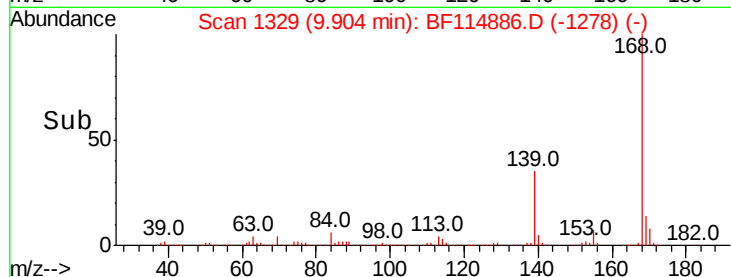
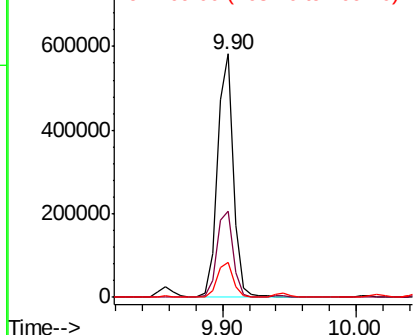
#55
Dibenzenofuran
Concen: 9.051 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

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

Tot Ion:168 Resp: 489069
Ion Ratio Lower Upper
168 100
139 35.5 33.8 50.6
169 14.4 11.9 17.9

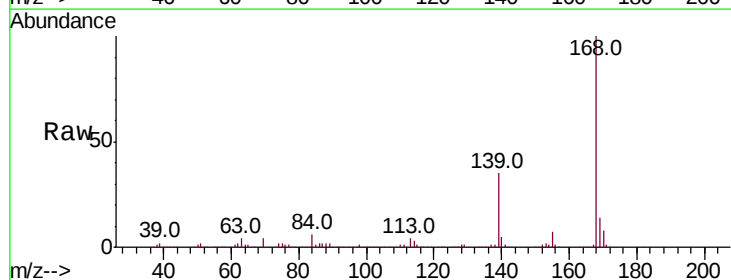


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

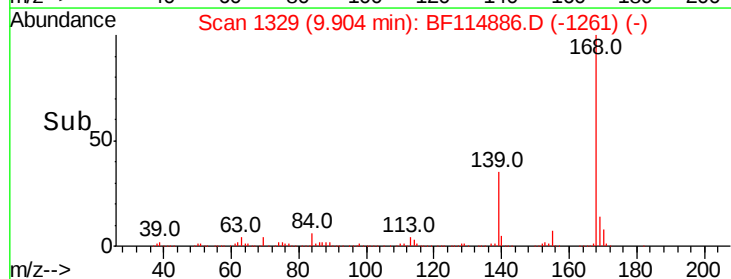
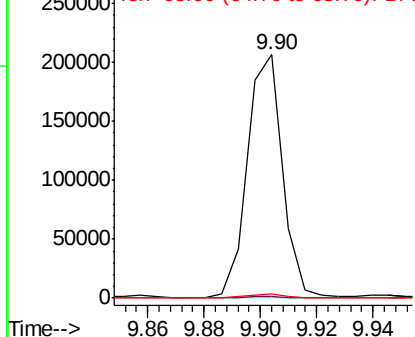


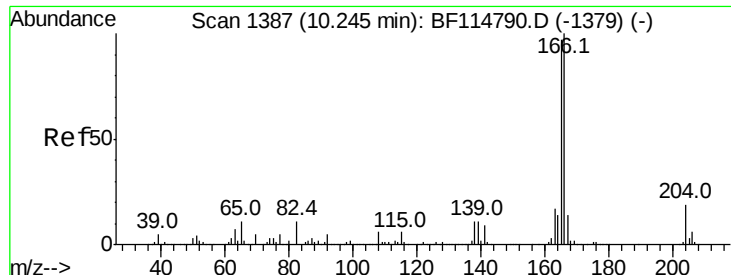
#56
4-Nitrophenol
Concen: 18.798 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.10 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:139 Resp: 179532
Ion Ratio Lower Upper
139 100
109 0.7 43.5 83.5#
65 1.7 63.2 103.2#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#58

Fluorene

Concen: 10.513 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)DL

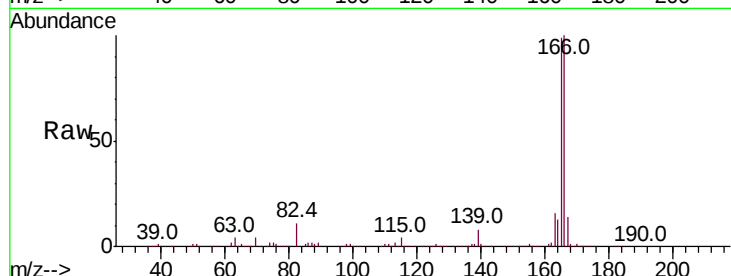
Tot Ion:166 Resp: 608432

Ion Ratio Lower Upper

166 100

165 98.6 77.9 116.9

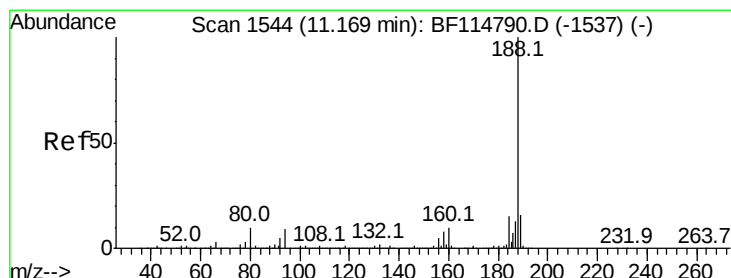
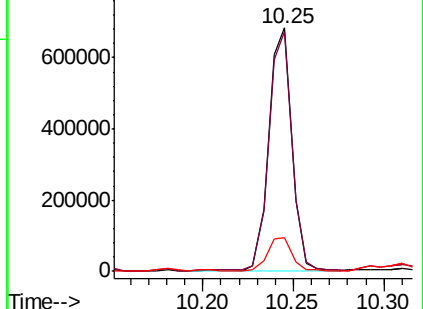
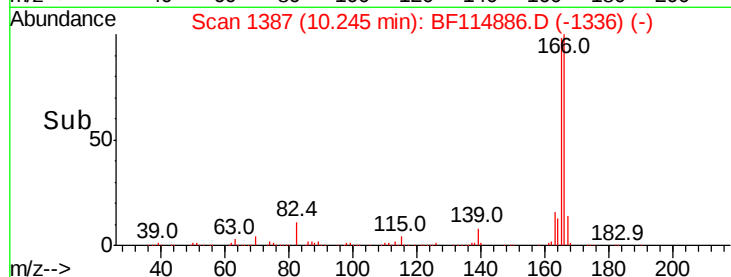
167 13.7 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

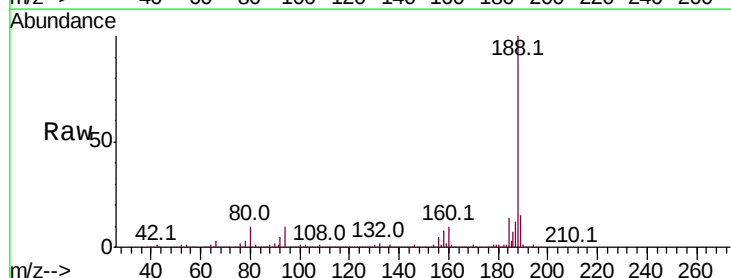
Tgt Ion:188 Resp: 1060843

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

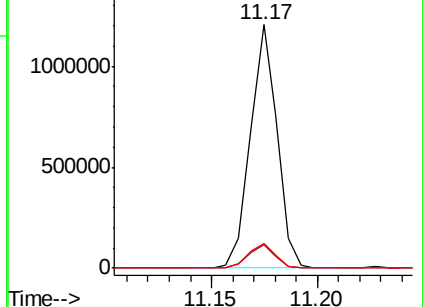
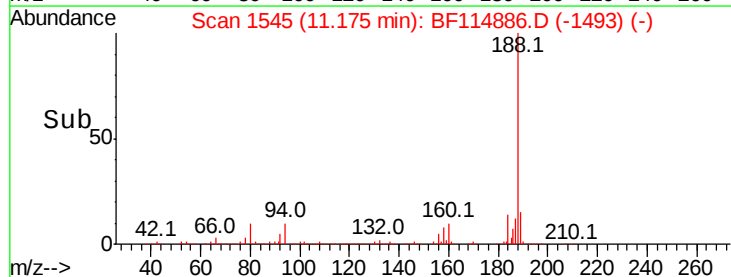
80 10.4 8.3 12.5

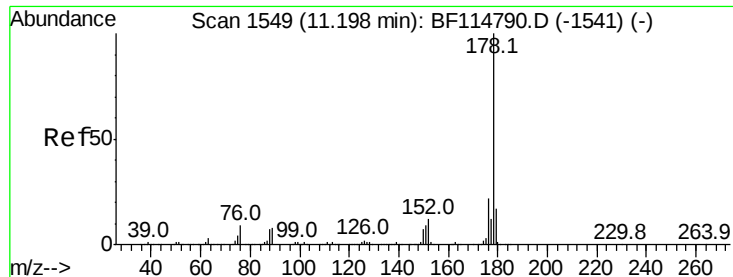


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 49.627 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Instrument :

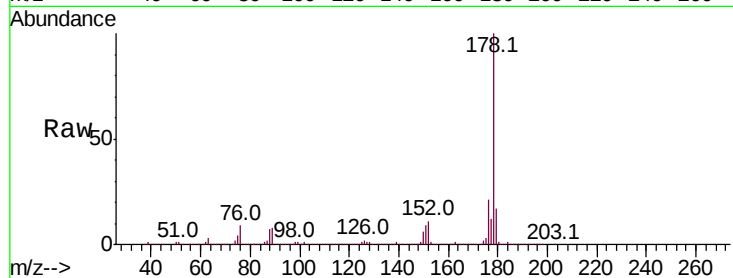
BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)DL

Tot Ion:178 Resp: 2513272

Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.7	26.5
179	16.8	13.7	20.5

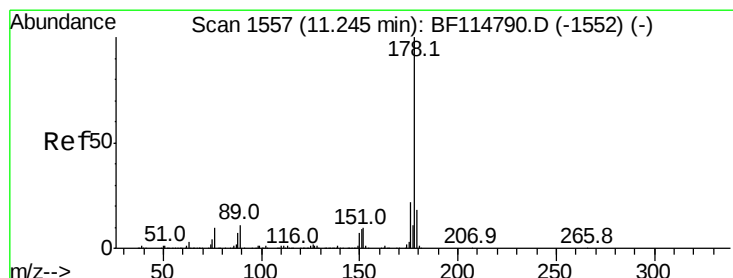
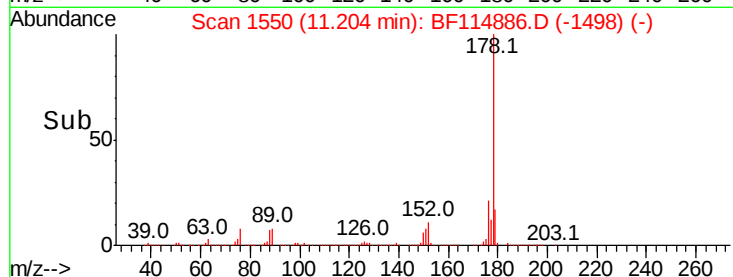
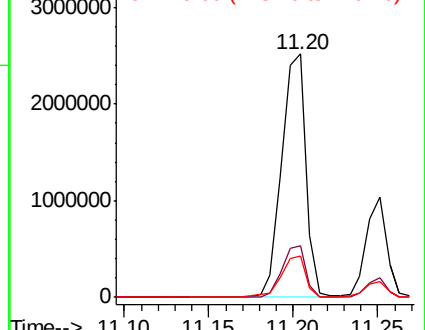


Abundance

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: 16.088 ng

RT: 11.25 min Scan# 1558

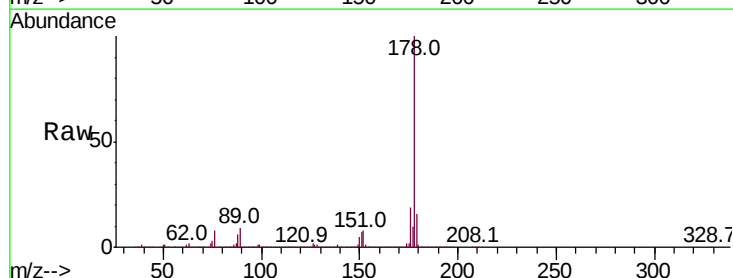
Delta R.T. 0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Tgt Ion:178 Resp: 857447

Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.4	26.0
179	15.9	14.2	21.4

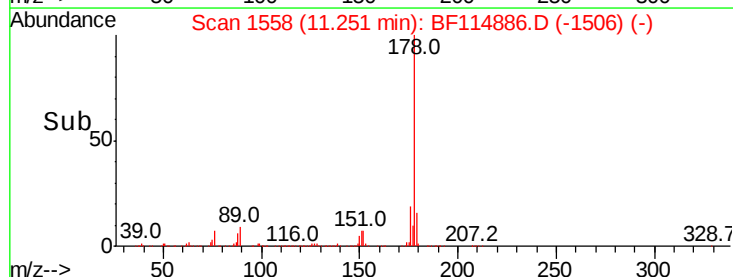
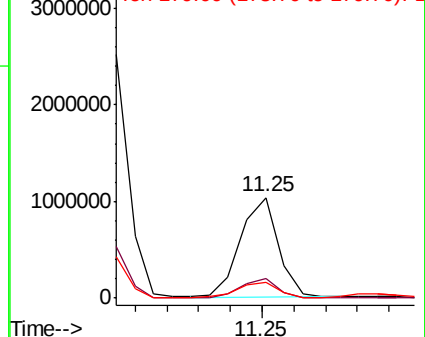


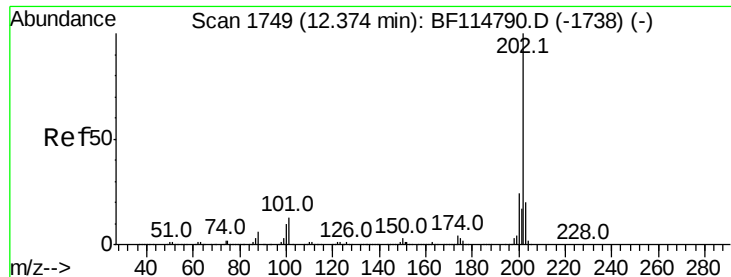
Abundance

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: 60.106 ng

RT: 12.39 min Scan# 1751

Delta R.T. 0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)DL

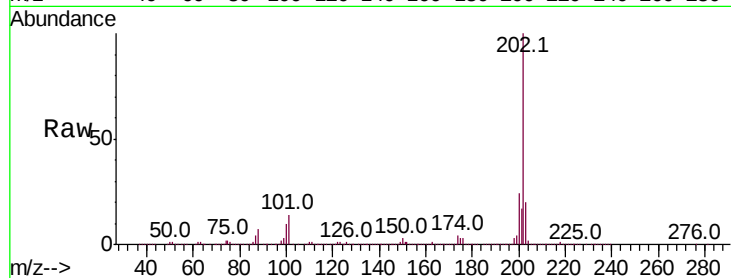
Tot Ion:202 Resp: 3168222

Ion Ratio Lower Upper

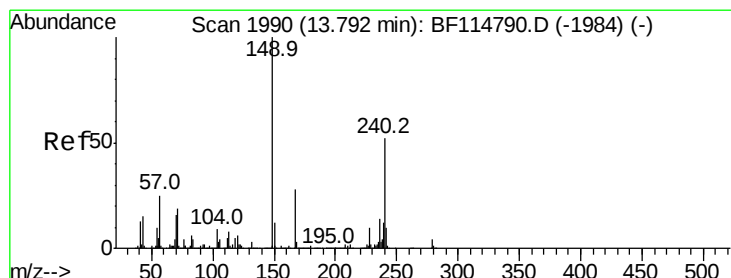
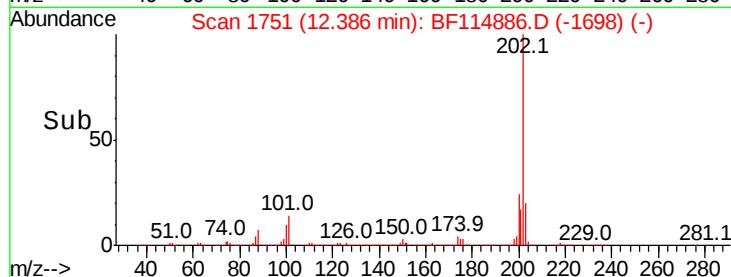
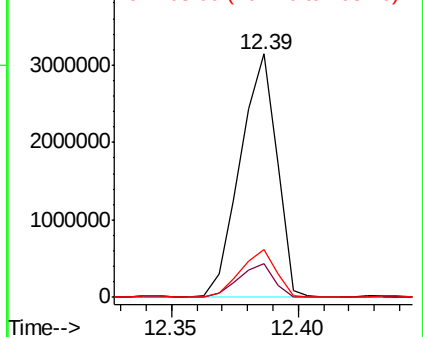
202 100

101 13.9 0.0 32.8

203 19.9 0.2 40.2



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: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

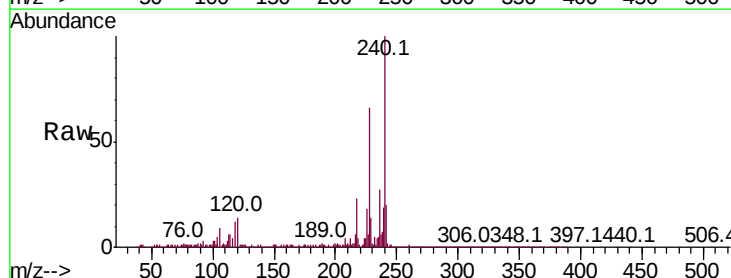
Tgt Ion:240 Resp: 692255

Ion Ratio Lower Upper

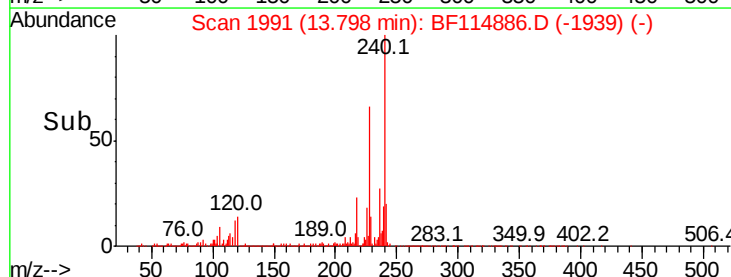
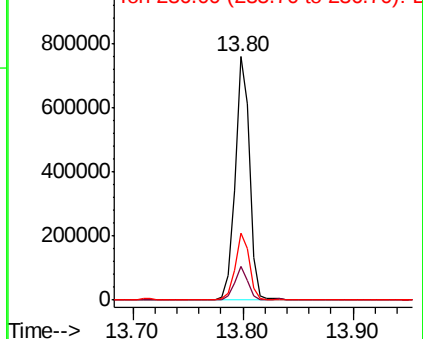
240 100

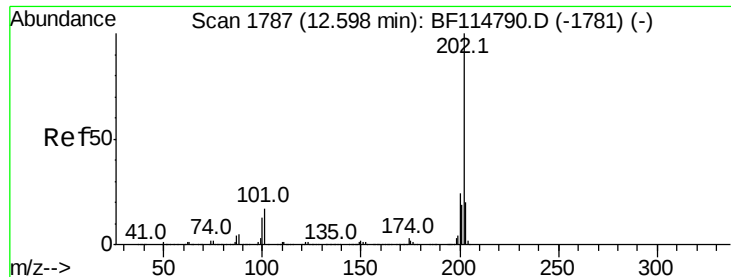
120 13.8 9.0 13.4#

236 27.5 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 43.692 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)DL

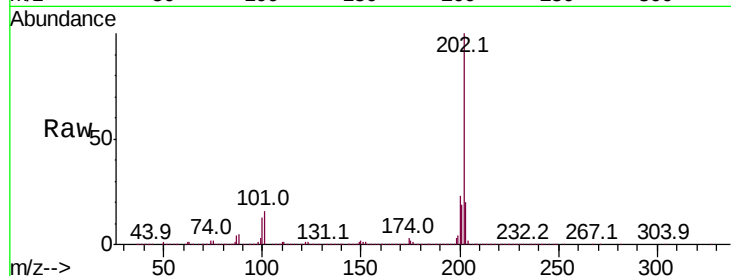
Tot Ion:202 Resp: 2623849

Ion	Ratio	Lower	Upper
202	100		
200	23.2	19.2	28.8
203	19.6	15.9	23.9

202 100

200 23.2 19.2 28.8

203 19.6 15.9 23.9

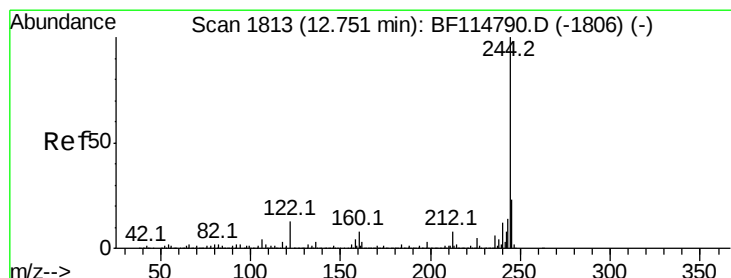
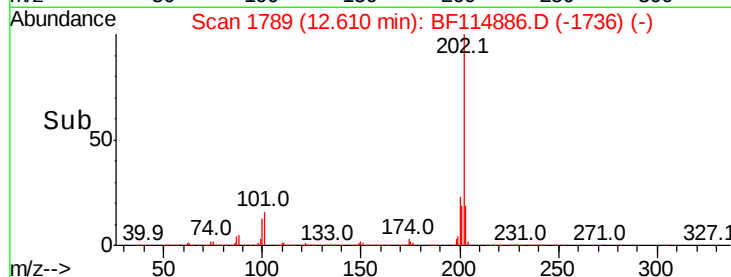
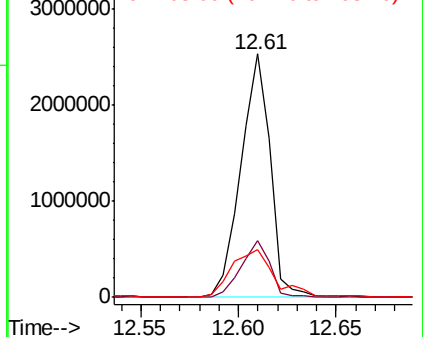


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 20.529 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

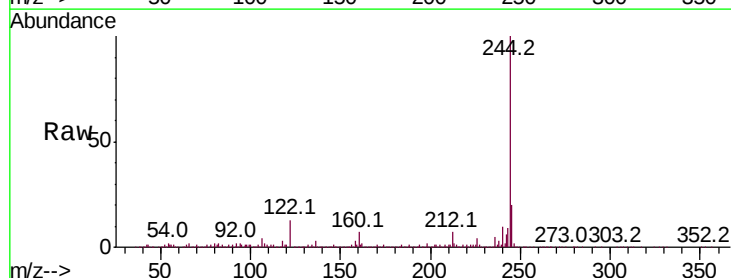
Tgt Ion:244 Resp: 730734

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	13.1	10.5	15.7

244 100

212 6.6 6.5 9.7

122 13.1 10.5 15.7

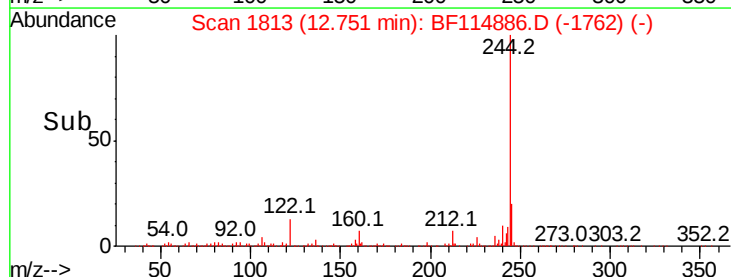
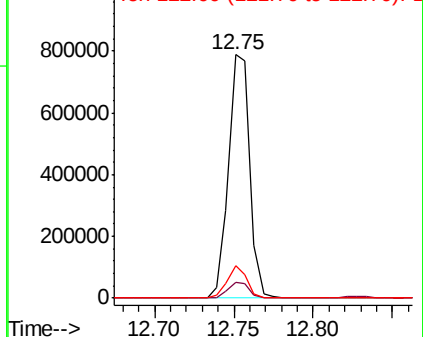


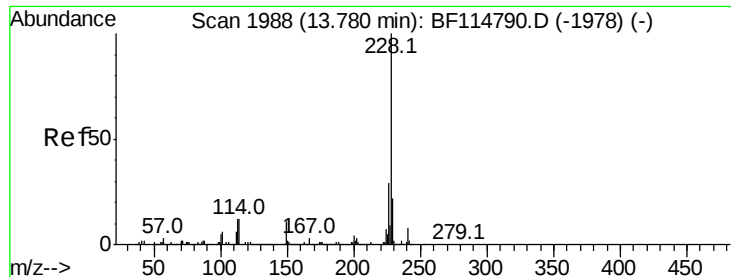
Abundance

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: 25.086 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)DL

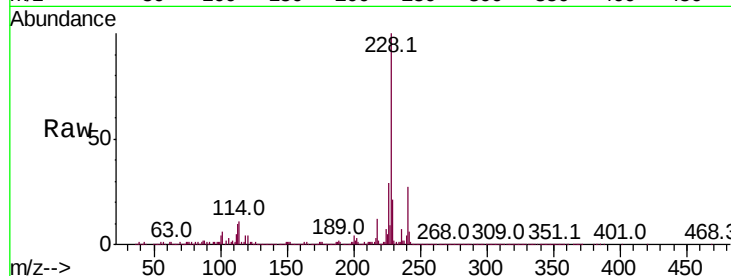
Tot Ion:228 Resp: 1338206

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	20.5	17.4	26.0

228 100

226 28.6 23.4 35.2

229 20.5 17.4 26.0

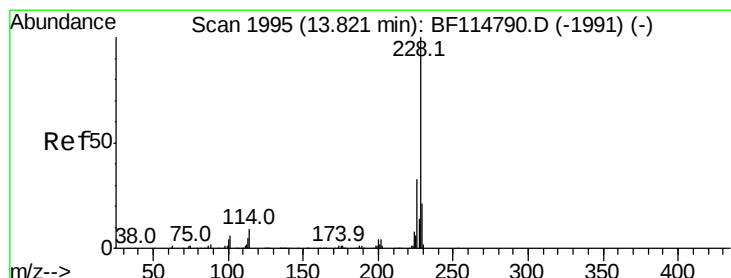
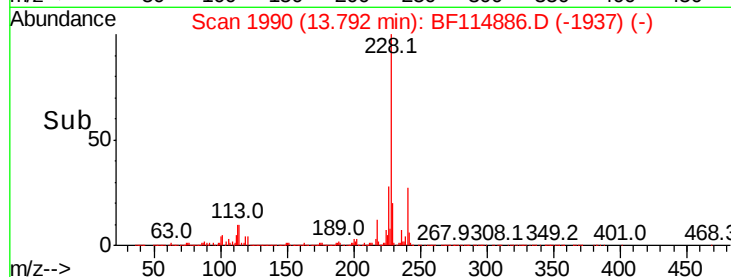
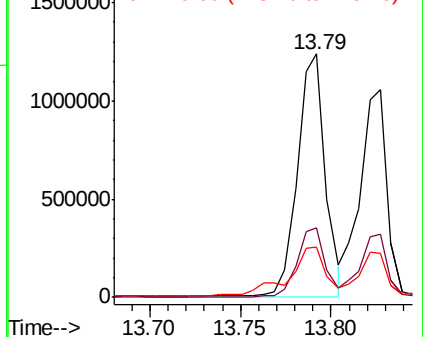


Abundance

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



#83

Chrysene

Concen: 21.010 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

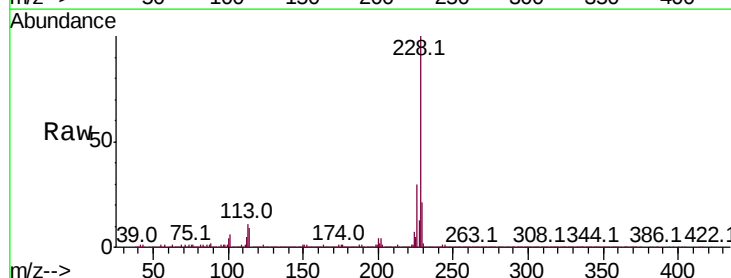
Tgt Ion:228 Resp: 1090283

Ion	Ratio	Lower	Upper
228	100		
226	30.2	26.0	39.0
229	21.3	17.1	25.7

228 100

226 30.2 26.0 39.0

229 21.3 17.1 25.7

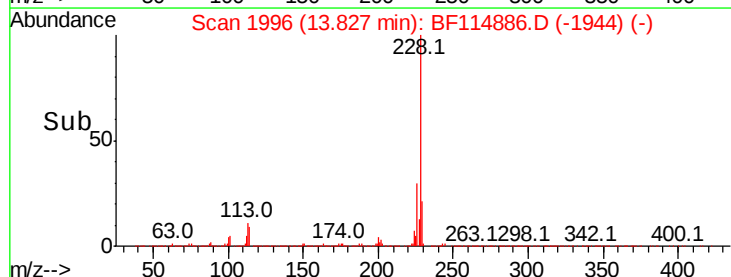
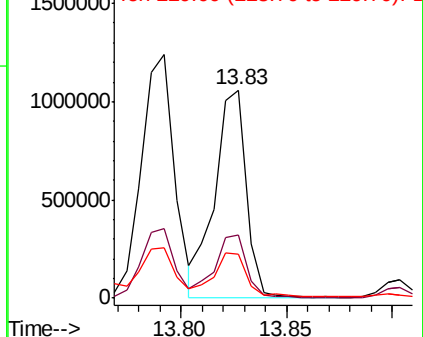


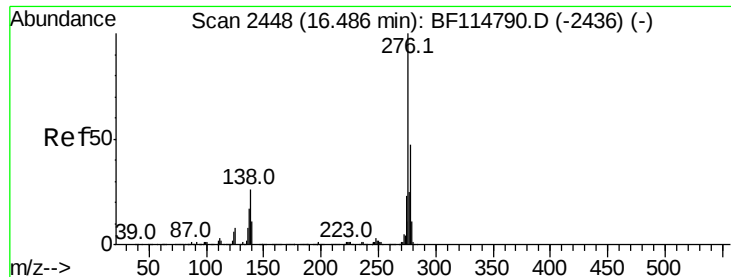
Abundance

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





#86

Indeno(1,2,3-cd)pyrene

Concen: 3.832 ng

RT: 16.49 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)DL

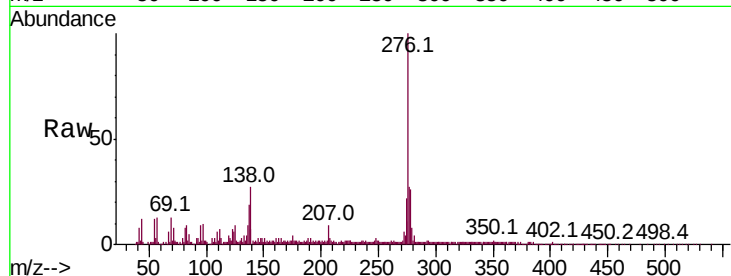
Tot Ion:276 Resp: 226878

Ion Ratio Lower Upper

276 100

138 24.8 22.2 33.4

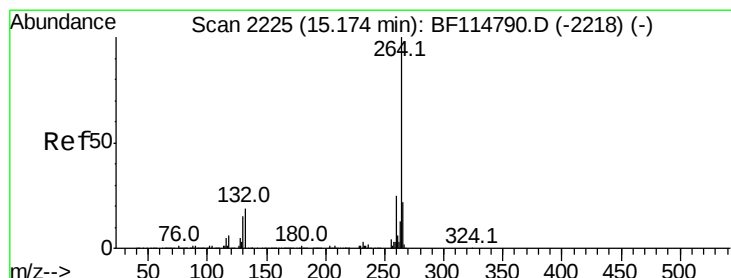
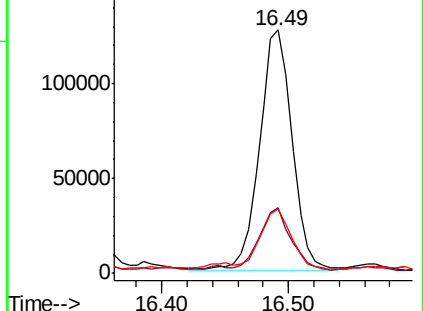
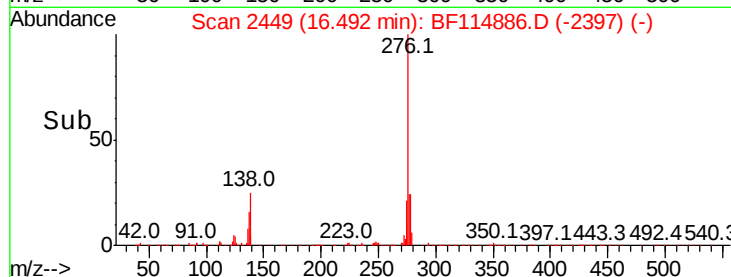
277 26.6 20.6 30.8



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: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

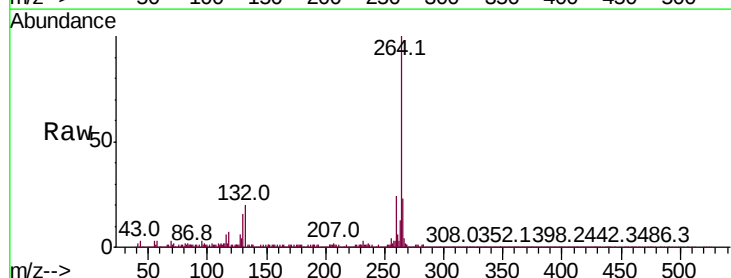
Tgt Ion:264 Resp: 603561

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

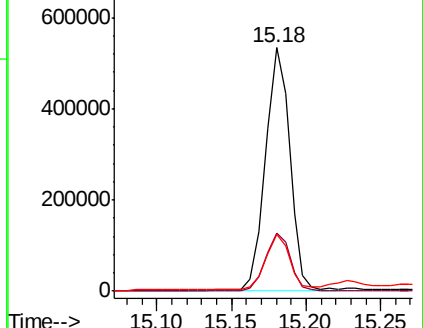
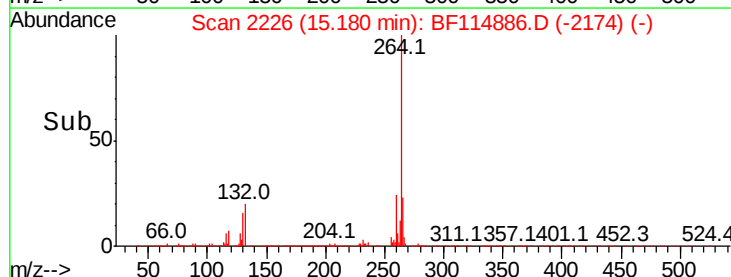
265 23.2 17.7 26.5

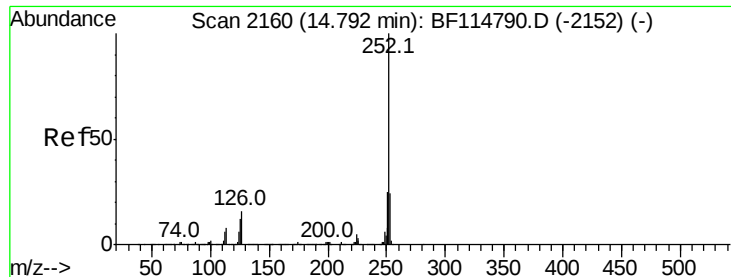


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 34.172 ng

RT: 14.80 min Scan# 2161

Delta R.T. 0.01 min

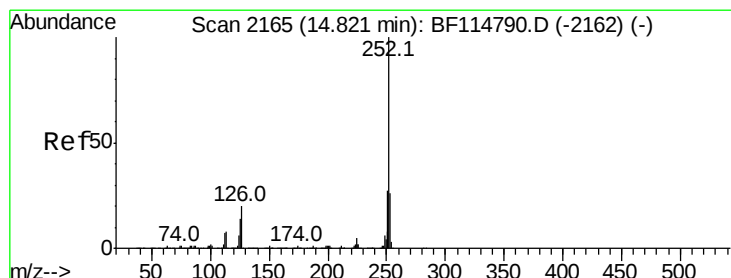
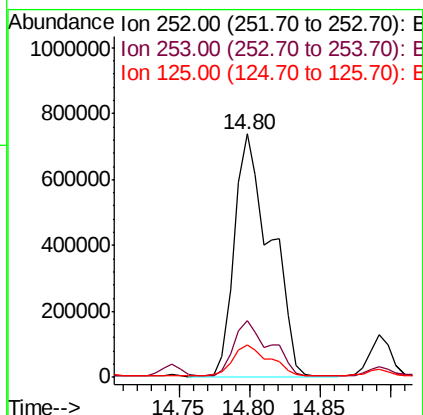
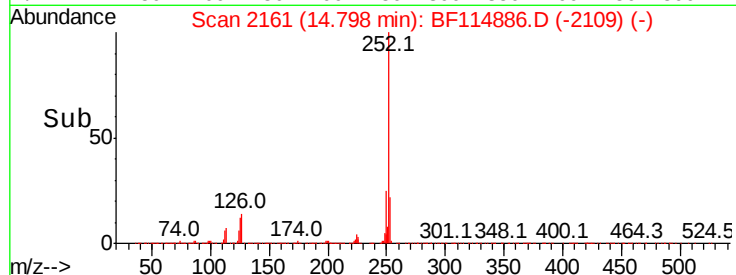
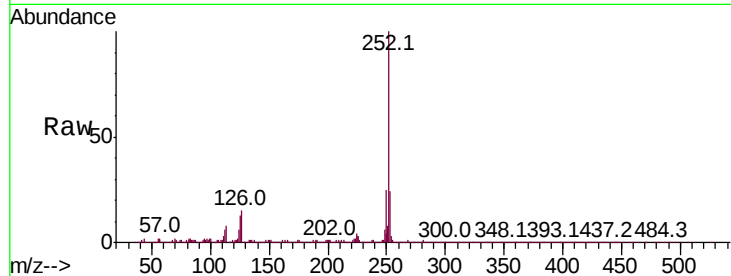
Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

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

Tot Ion:252 Resp: 1313015

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	13.1	9.4	14.0



#89

Benzo(k)fluoranthene

Concen: 40.239 ng

RT: 14.80 min Scan# 2161

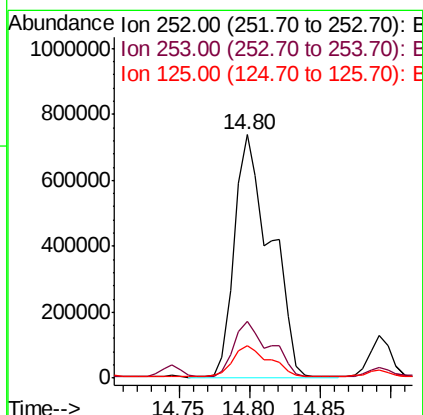
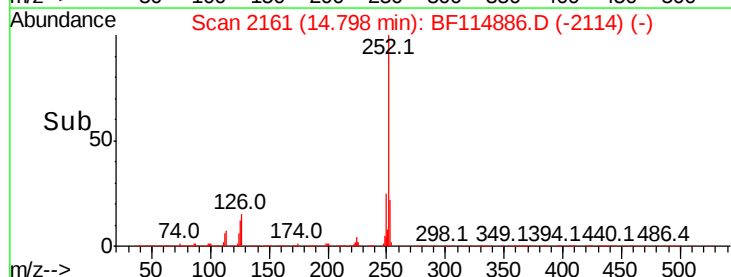
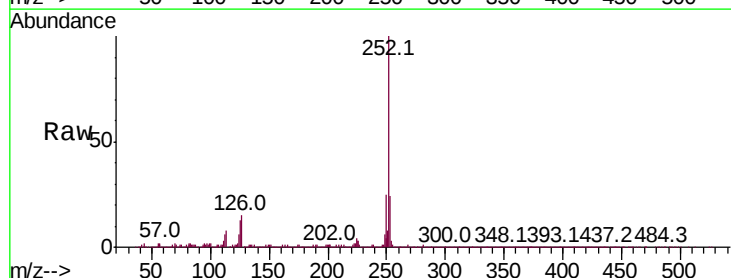
Delta R.T. -0.02 min

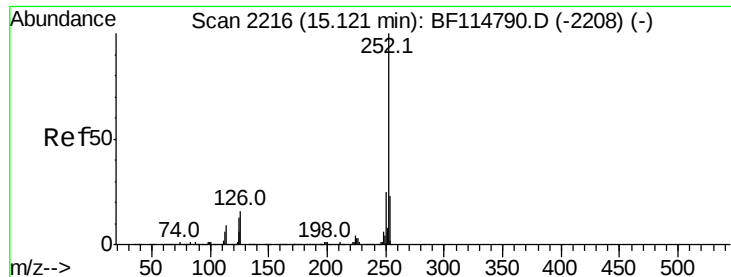
Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Tgt Ion:252 Resp: 1313015

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.3	28.9
125	13.1	10.1	15.1





#90

Benzo(a)pyrene

Concen: 18.257 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

Instrument :

BNA_F

ClientSampleId :

0430-HR-10(HACKENSACK)DL

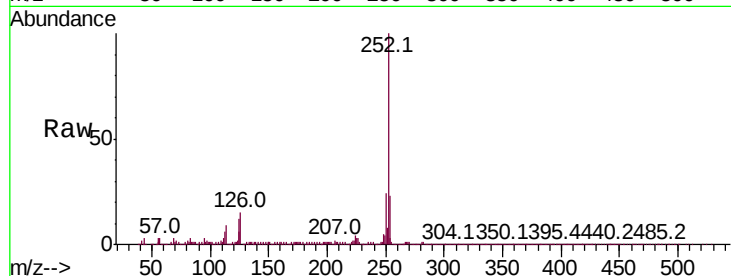
Tot Ion:252 Resp: 607188

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

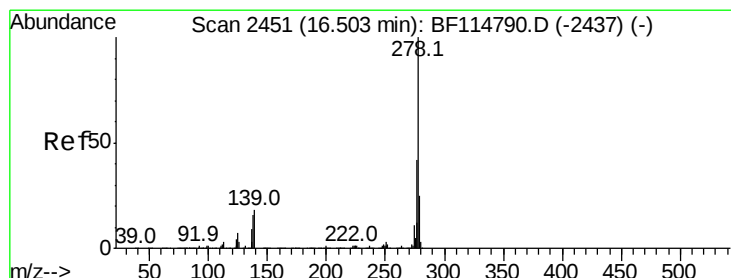
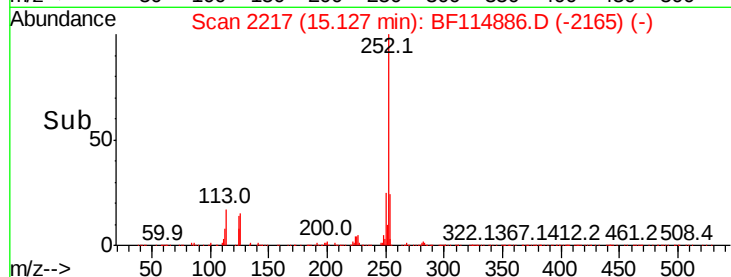
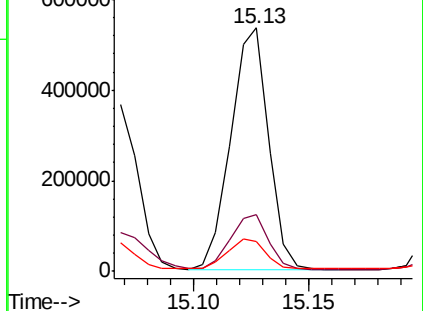
125 12.0 10.1 15.1



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



#91

Dibenzo(a,h)anthracene

Concen: 2.400 ng

RT: 16.50 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BF114886.D

Acq: 7 Jun 2019 2:01

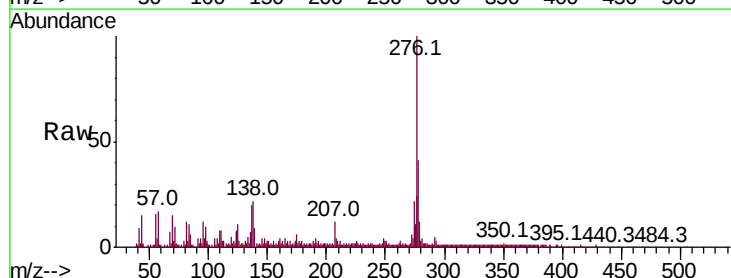
Tgt Ion:278 Resp: 75600

Ion Ratio Lower Upper

278 100

139 23.2 14.6 22.0#

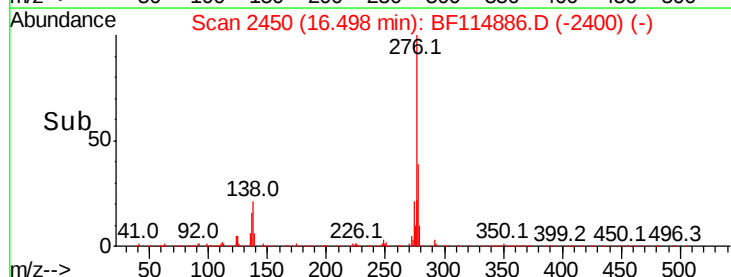
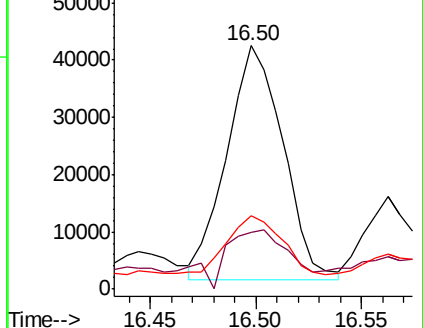
279 30.4 20.1 30.1#

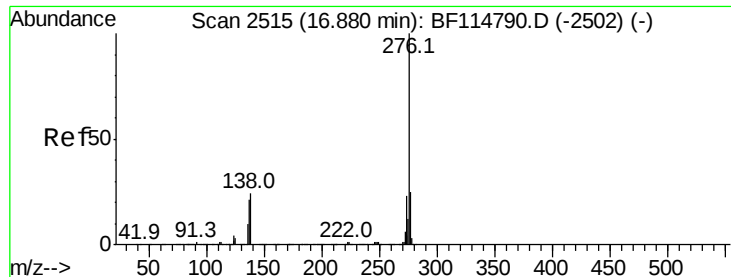


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 5.794 ng
 RT: 16.88 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BF114886.D
 Acq: 7 Jun 2019 2:01

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.8	29.6
138	26.0	19.4	29.2

