

Data File : BF114753.D
Acq On : 1 Jun 2019 13:32
Operator : HP/JU
Sample : K3097-12MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

Quant Time: Jun 03 02:56:41 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	6.70	152	382907	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1461474	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	719926	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1398361	20.00	ng	0.00
76) Chrysene-d12	13.82	240	724036	20.00	ng	0.00
87) Perylene-d12	15.20	264	913404	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2658938	121.92	ng	0.02
7) Phenol-d6	6.34	99	3294058	125.34	ng	0.01
23) Nitrobenzene-d5	7.26	82	2057886	87.85	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	945210	137.79	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3533573	93.87	ng	0.00
79) Terphenyl-d14	12.78	244	3691696	95.86	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.40	88	381117	36.415 ng	96
3) Pyridine	3.09	79	1050144	34.477 ng	97
4) n-Nitrosodimethylamine	3.03	42	464008	37.645 ng	93
6) Aniline	6.36	93	884509	22.281 ng	97
8) 2-Chlorophenol	6.49	128	1125220	44.675 ng	98
9) Benzaldehyde	6.24	77	415552	24.389 ng	95
10) Phenol	6.35	94	1382964	43.561 ng	98
11) bis(2-Chloroethyl)ether	6.44	93	1023153	42.133 ng	96
12) 1,3-Dichlorobenzene	6.64	146	1185477	41.313 ng	99
13) 1,4-Dichlorobenzene	6.72	146	1199200	41.658 ng	99
14) 1,2-Dichlorobenzene	6.87	146	1119903	42.731 ng	100
15) Benzyl Alcohol	6.84	79	921828	44.592 ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1418776	38.092 ng	98
17) 2-Methylphenol	6.96	107	956280	44.890 ng	99
18) Hexachloroethane	7.21	117	437221	40.115 ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	731624	40.331 ng	98
20) 3+4-Methylphenols	7.11	107	1067536	42.608 ng	96
22) Acetophenone	7.11	105	1452719	46.652 ng	99
24) Nitrobenzene	7.28	77	1140106	45.818 ng	91
25) Isophorone	7.52	82	2089616	44.449 ng	99
26) 2-Nitrophenol	7.59	139	633038	52.263 ng	100
27) 2,4-Dimethylphenol	7.64	122	1025589	50.911 ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1308221	43.715 ng	99
29) 2,4-Dichlorophenol	7.84	162	993493	48.453 ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	1063491	45.525 ng	99
31) Naphthalene	8.00	128	3009965	44.713 ng	99
32) Benzoic acid	7.64	122	1025589	78.383 ng	# 15
33) 4-Chloroaniline	8.05	127	469523	14.640 ng	96
34) Hexachlorobutadiene	8.13	225	563627	43.432 ng	99
35) Caprolactam	8.42	113	188126	27.187 ng	92
36) 4-Chloro-3-methylphenol	8.53	107	1006913	48.968 ng	99
37) 2-Methylnaphthalene	8.69	142	2132152	47.670 ng	99
38) 1-Methylnaphthalene	8.79	142	2032025	47.951 ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	904671	47.187 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	952596	75.189	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	720289	47.748	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	761415	50.580	ng	98
46) 1,1'-Biphenyl	9.15	154	2455013	45.939	ng	99
47) 2-Chloronaphthalene	9.17	162	2005739	45.755	ng	98
48) 2-Nitroaniline	9.26	65	622435	46.011	ng	97
49) Acenaphthylene	9.59	152	3064427	45.249	ng	98
50) Dimethylphthalate	9.46	163	2723621	54.293	ng	99
51) 2,6-Dinitrotoluene	9.51	165	574661	49.299	ng	97
52) Acenaphthene	9.76	154	1863211	44.861	ng	99
53) 3-Nitroaniline	9.67	138	393111	27.555	ng	97
54) 2,4-Dinitrophenol	9.77	184	102961	22.393	ng	94
55) Dibenzofuran	9.93	168	2685781	45.429	ng	98
56) 4-Nitrophenol	9.84	139	977960	92.502	ng	92
57) 2,4-Dinitrotoluene	9.91	165	762093	50.942	ng	95
58) Fluorene	10.27	166	1896969	49.924	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	597976	48.530	ng	100
60) Diethylphthalate	10.16	149	2321461	45.309	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	938259	48.598	ng	99
62) 4-Nitroaniline	10.29	138	623002	44.814	ng	97
63) Azobenzene	10.42	77	2090918	44.449	ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	170965	27.573	ng	83
66) n-Nitrosodiphenylamine	10.38	169	1923138	46.548	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	670630	44.722	ng	96
68) Hexachlorobenzene	10.82	284	731322	45.026	ng	97
69) Atrazine	10.91	200	653998	53.843	ng	99
70) Pentachlorophenol	11.01	266	637617	68.102	ng	98
71) Phenanthrene	11.22	178	3029906	42.476	ng	99
72) Anthracene	11.27	178	3116441	43.167	ng	98
73) Carbazole	11.43	167	2825715	44.534	ng	99
74) Di-n-butylphthalate	11.77	149	3330590	42.999	ng	99
75) Fluoranthene	12.40	202	3039577	41.152	ng	98
77) Benzidine	12.52	184	1213692	40.708	ng	100
78) Pyrene	12.63	202	3057980	49.928	ng	99
80) Butylbenzylphthalate	13.26	149	1486862	48.305	ng	98
81) Benzo(a)anthracene	13.81	228	2384240	42.852	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	636993	29.645	ng	96
83) Chrysene	13.84	228	2375103	44.679	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1774716	46.637	ng	100
85) Di-n-octyl phthalate	14.43	149	2852273	43.139	ng	97
86) Indeno(1,2,3-cd)pyrene	16.53	276	2916941	54.787	ng	99
88) Benzo(b)fluoranthene	14.82	252	2598409	45.166	ng	100
89) Benzo(k)fluoranthene	14.84	252	2109887	42.195	ng	100
90) Benzo(a)pyrene	15.15	252	2353550	46.569	ng	98
91) Dibenzo(a,h)anthracene	16.56	278	2384249	53.387	ng	98
92) Benzo(g,h,i)perylene	16.93	276	2512034	57.954	ng	99

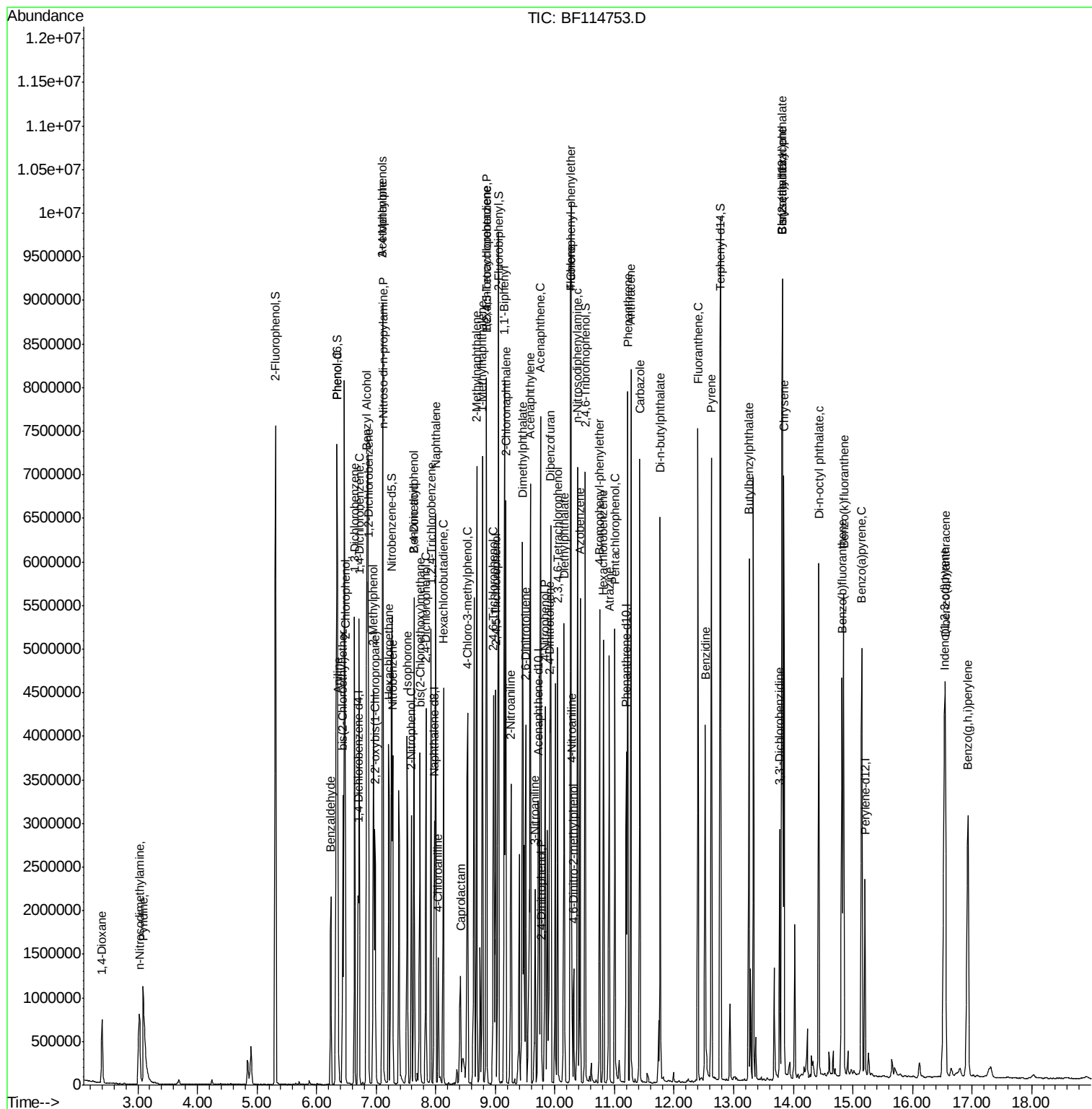
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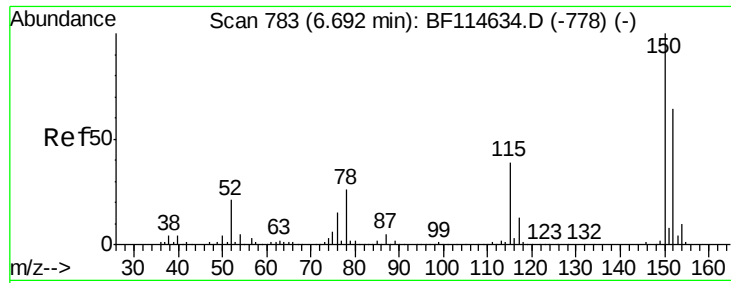
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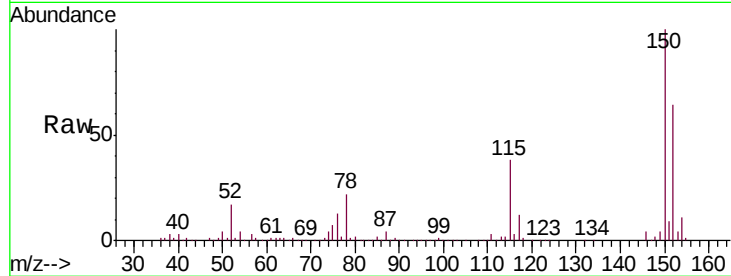


#1

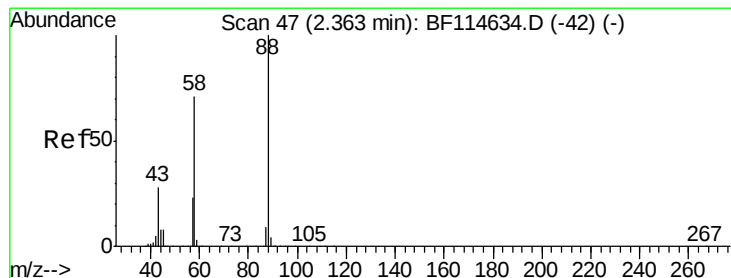
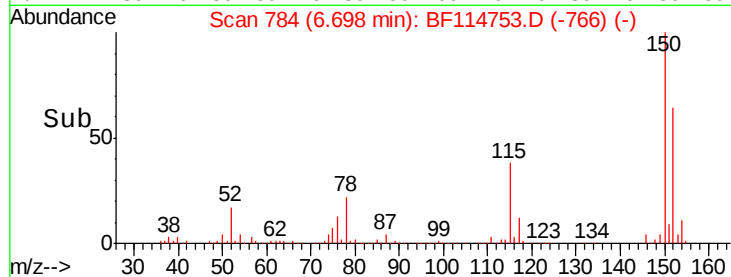
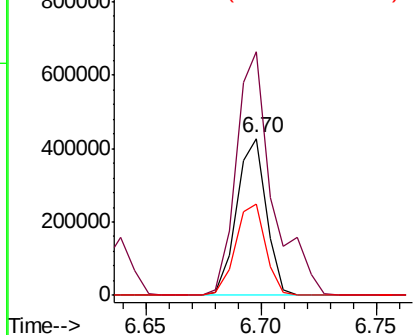
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114753.D
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BNA_F
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Tgt Ion:152 Resp: 382907
Ion Ratio Lower Upper
152 100
150 155.1 124.4 186.6
115 58.2 48.7 73.1



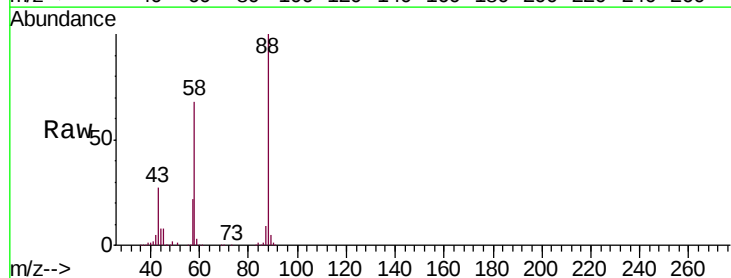
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



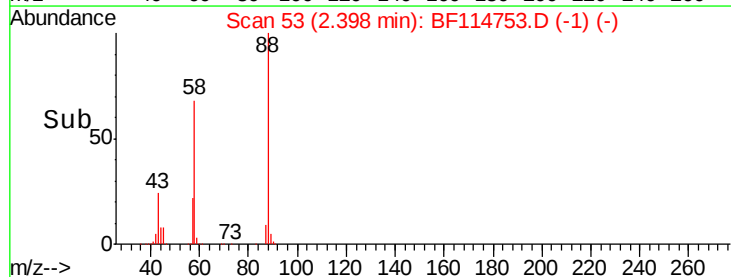
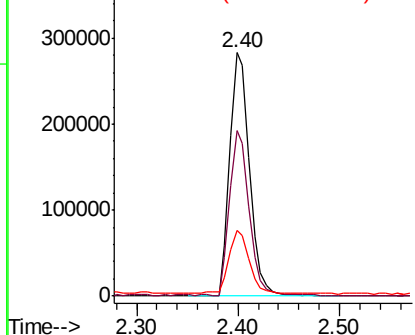
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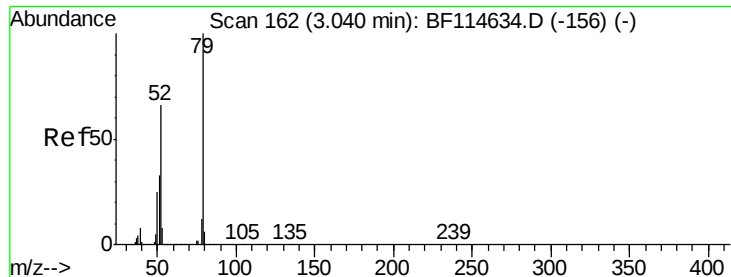
1,4-Dioxane
Concen: 36.415 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.04 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion: 88 Resp: 381117
Ion Ratio Lower Upper
88 100
58 67.3 57.2 85.8
43 26.8 22.6 33.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 34.477 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.05 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

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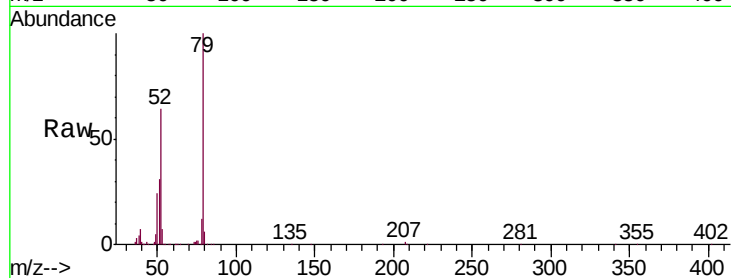
Tgt Ion: 79 Resp: 1050144

Ion Ratio Lower Upper

79 100

52 64.0 52.8 79.2

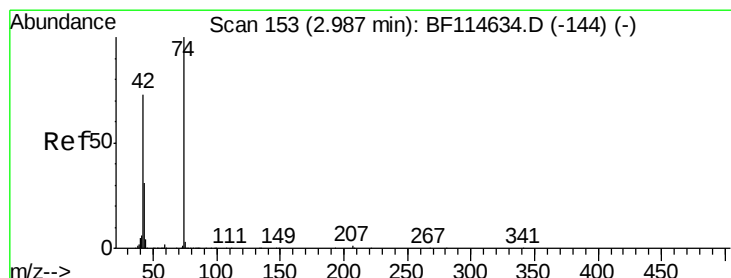
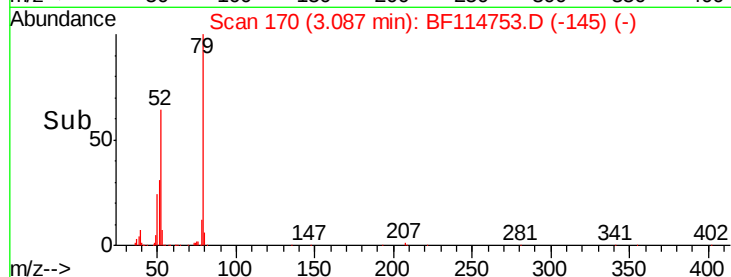
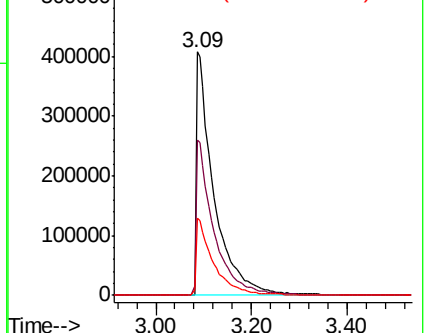
51 31.5 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.645 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.04 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

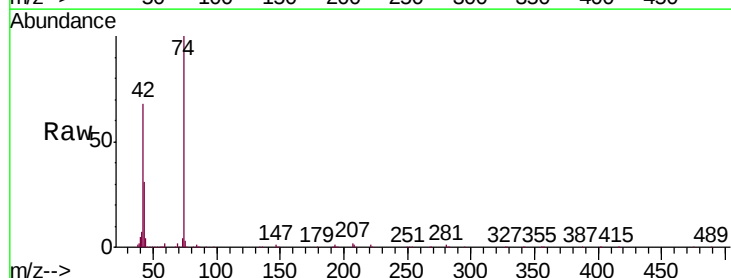
Tgt Ion: 42 Resp: 464008

Ion Ratio Lower Upper

42 100

74 146.0 110.0 165.0

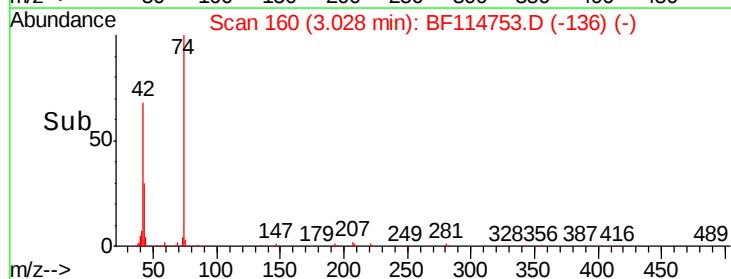
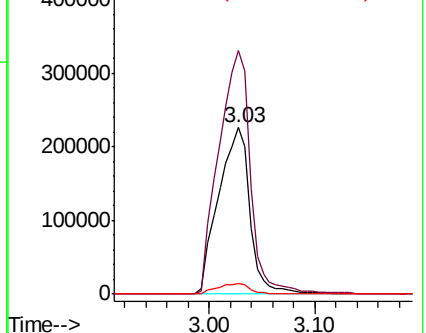
44 6.4 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.918 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF114753.D

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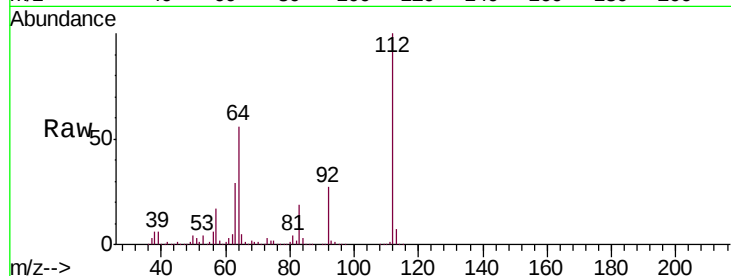
Tgt Ion:112 Resp: 2658938

Ion Ratio Lower Upper

112 100

64 56.3 46.1 69.1

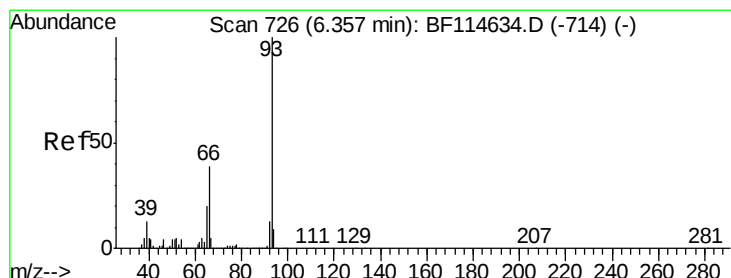
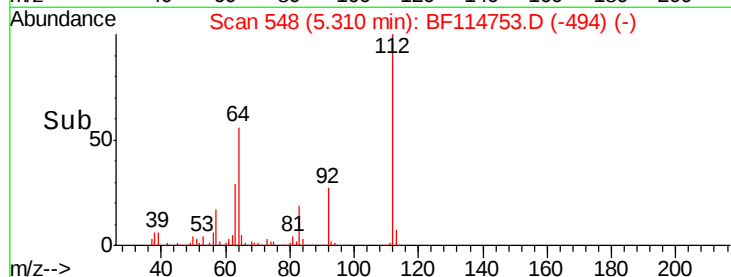
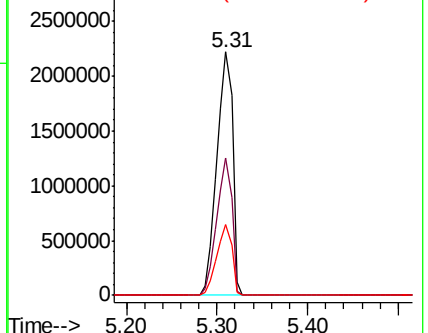
63 29.1 23.4 35.2



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



#6

Aniline

Concen: 22.281 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

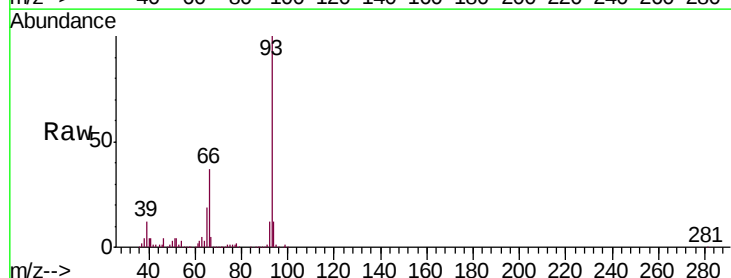
Tgt Ion: 93 Resp: 884509

Ion Ratio Lower Upper

93 100

66 37.2 31.4 47.2

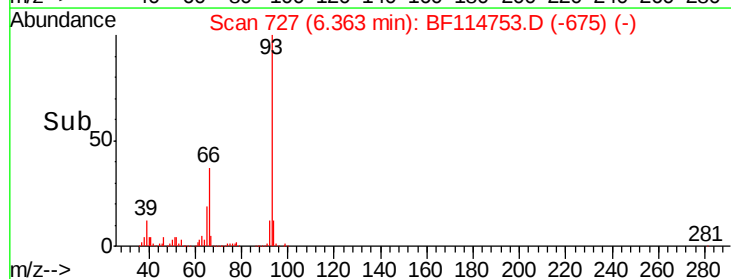
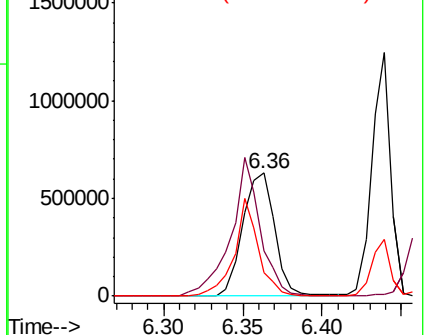
65 19.3 16.2 24.2

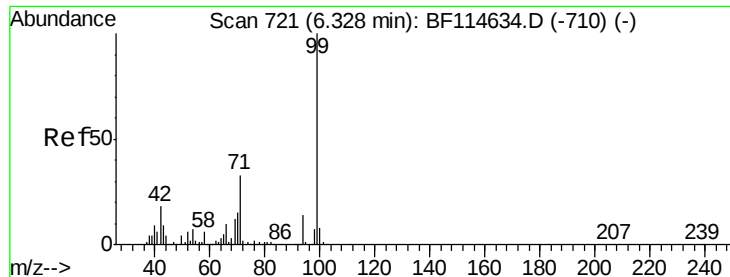


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.340 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

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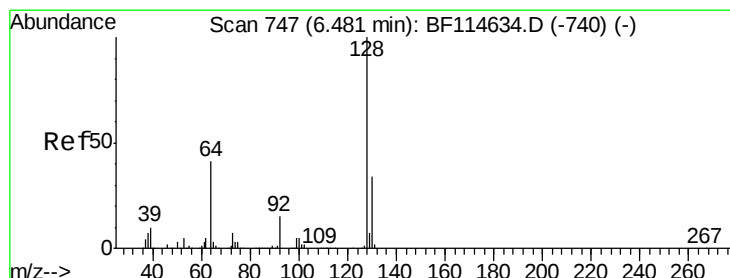
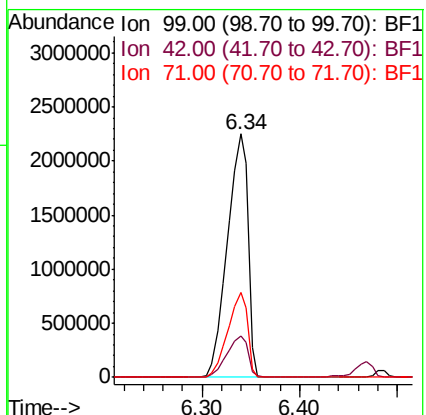
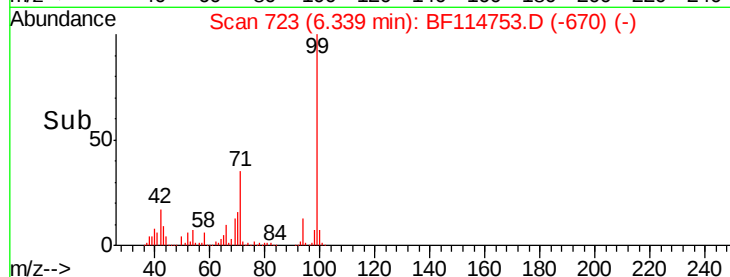
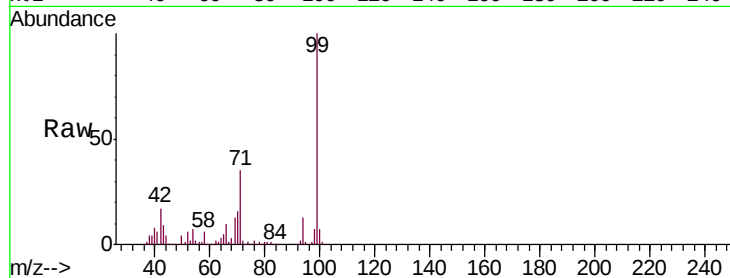
Tgt Ion: 99 Resp: 3294058

Ion Ratio Lower Upper

99 100

42 17.2 14.7 22.1

71 35.0 26.6 40.0



#8

2-Chlorophenol

Concen: 44.675 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

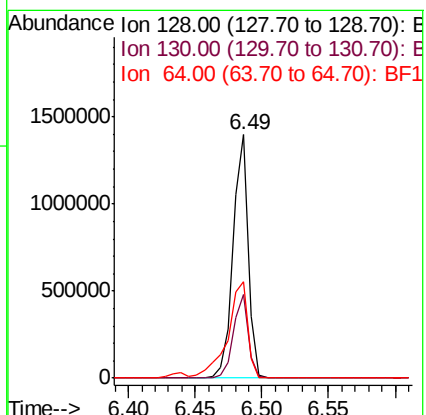
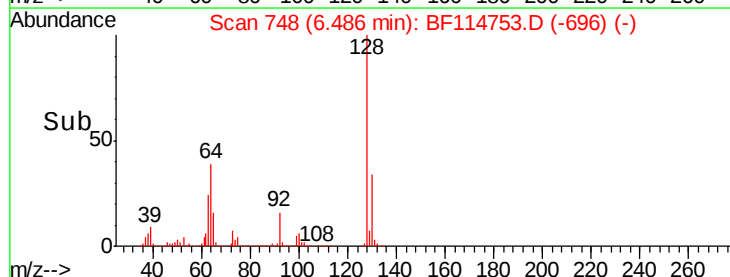
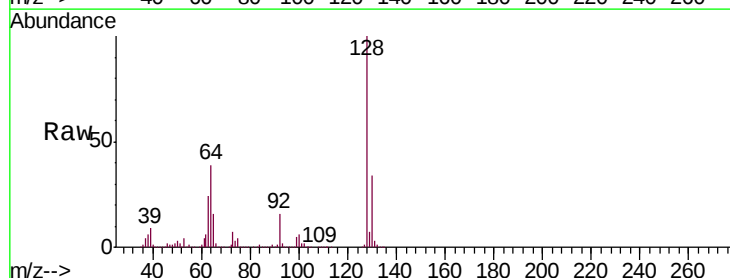
Tgt Ion: 128 Resp: 1125220

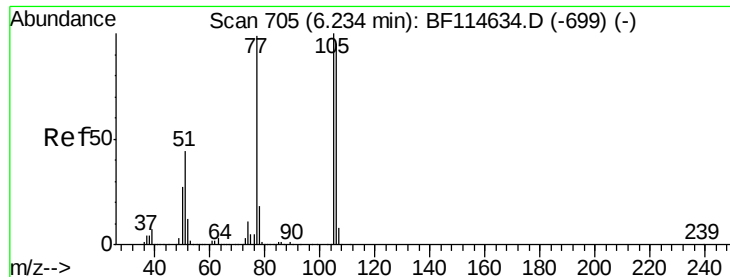
Ion Ratio Lower Upper

128 100

130 34.2 13.9 53.9

64 39.5 22.0 62.0





#9

Benzaldehyde

Concen: 24.389 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

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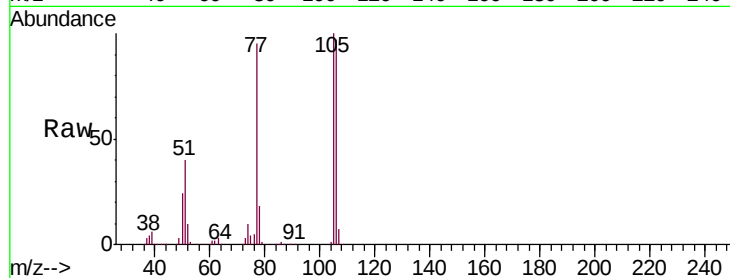
Tgt Ion: 77 Resp: 415552

Ion Ratio Lower Upper

77 100

105 105.3 80.8 120.8

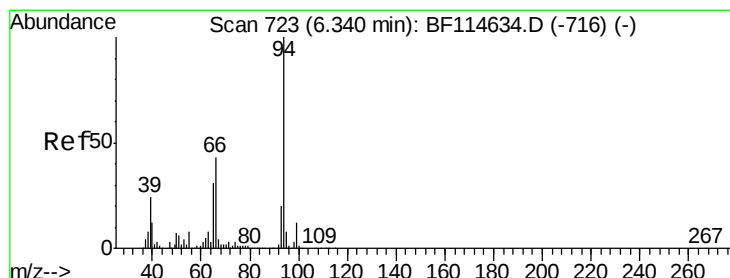
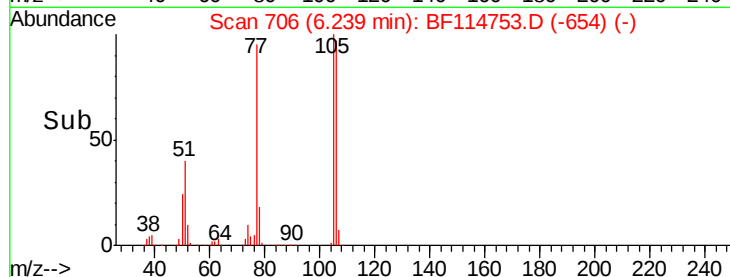
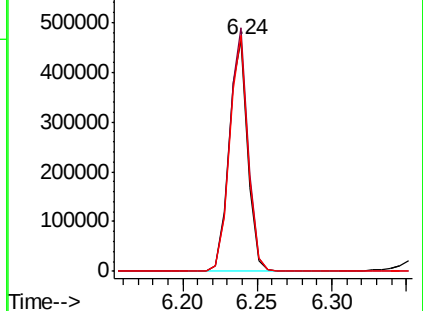
106 102.3 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.561 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

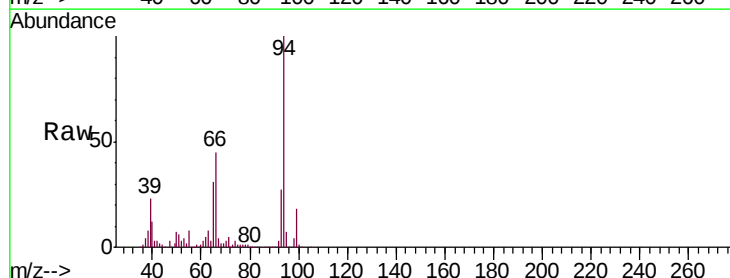
Tgt Ion: 94 Resp: 1382964

Ion Ratio Lower Upper

94 100

65 31.3 11.0 51.0

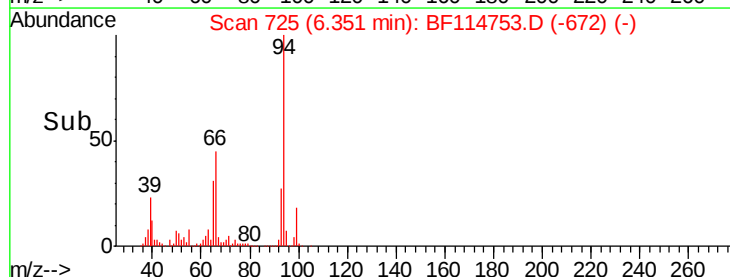
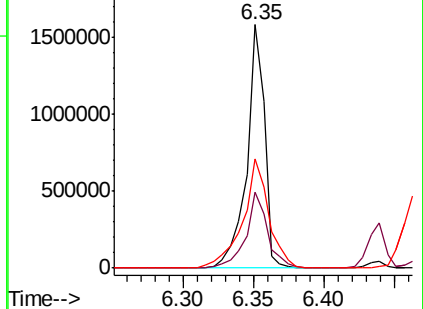
66 44.7 23.0 63.0

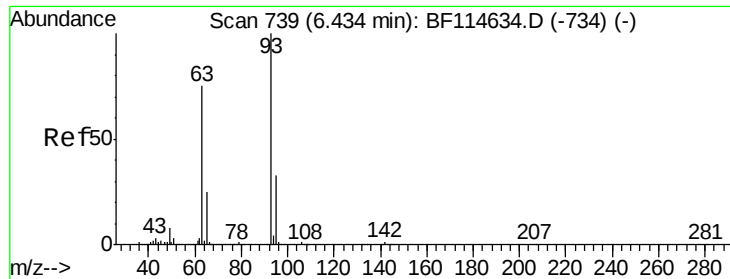


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

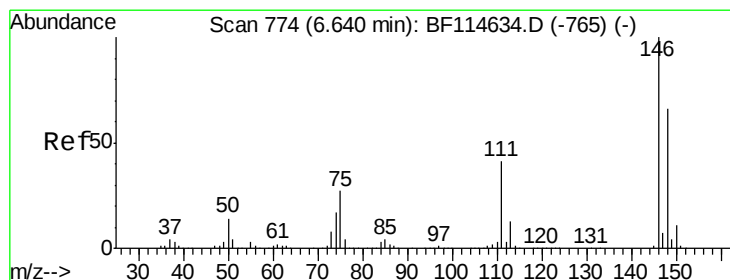
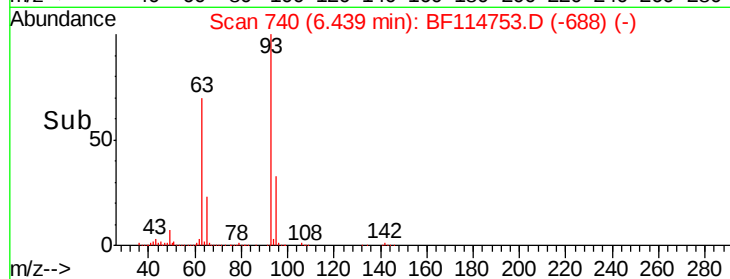
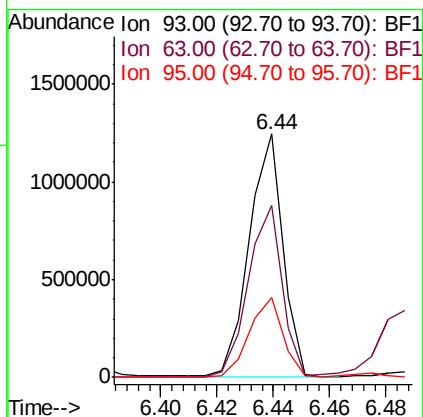
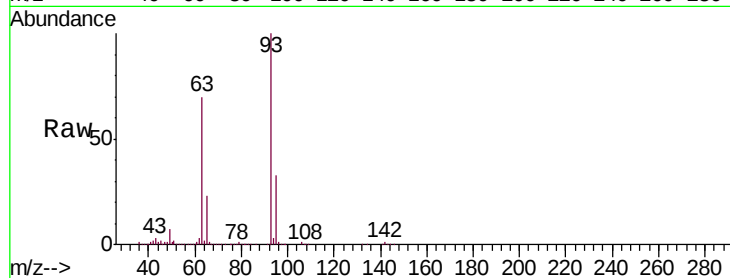




#11
bis(2-Chloroethyl)ether
Concen: 42.133 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

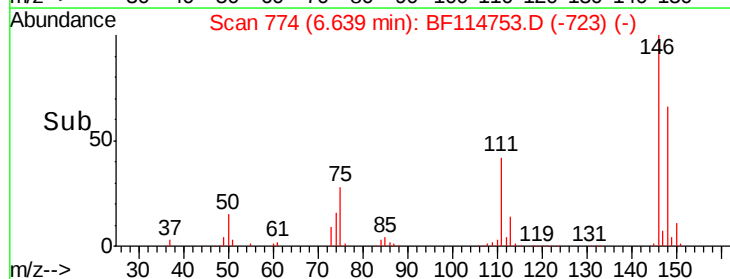
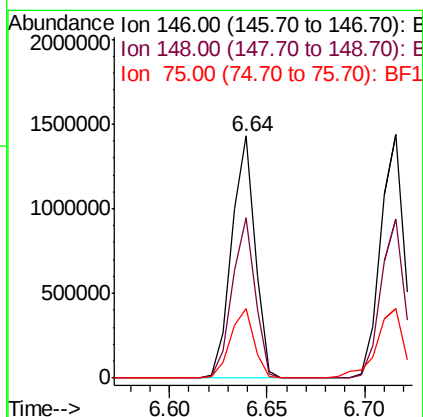
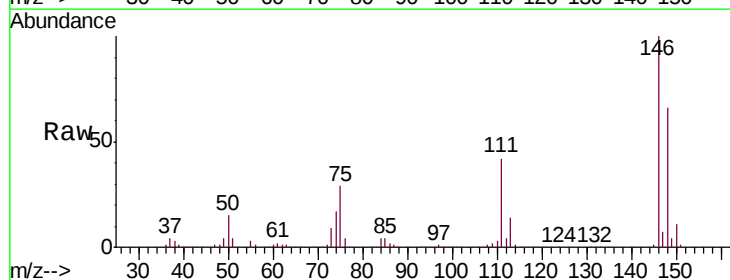
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

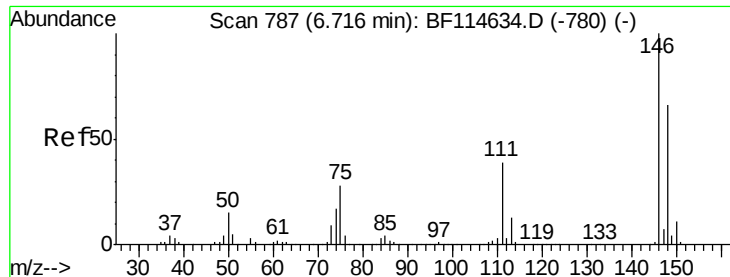
Tgt Ion: 93 Resp: 1023153
Ion Ratio Lower Upper
93 100
63 70.5 55.0 95.0
95 32.8 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 41.313 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion: 146 Resp: 1185477
Ion Ratio Lower Upper
146 100
148 66.3 52.9 79.3
75 28.5 22.0 33.0

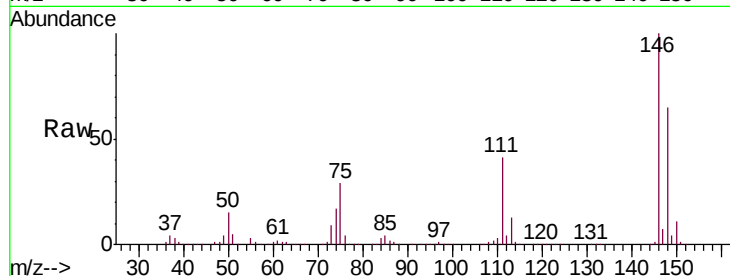




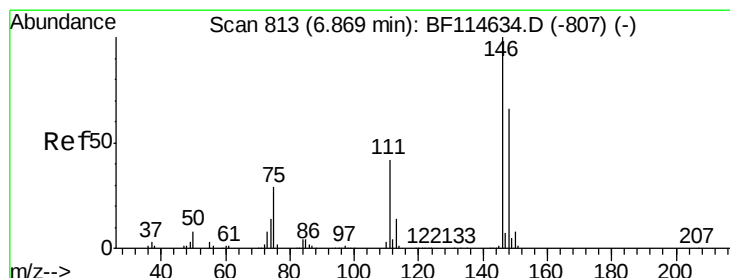
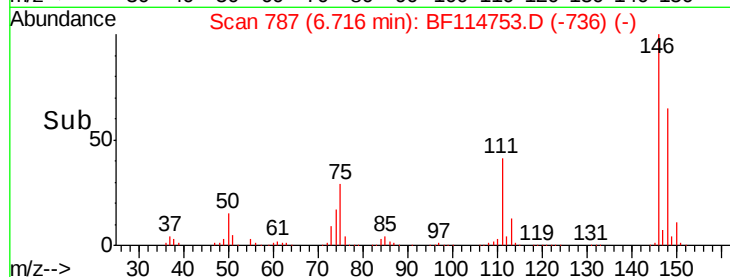
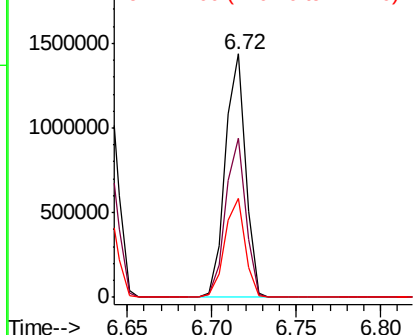
#13
 1,4-Dichlorobenzene
 Concen: 41.658 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 0432-HR-12(HACKENSACK)MSD

Tgt Ion:146 Resp: 1199200
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.5 78.7
 111 40.6 31.4 47.2

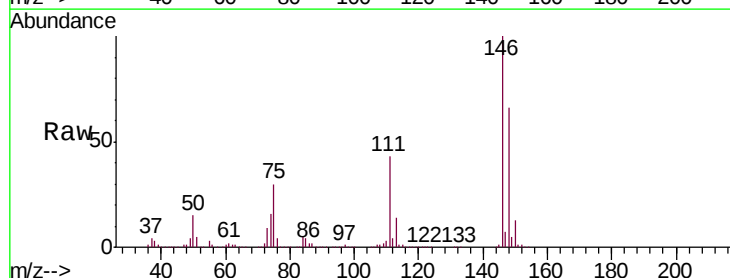


Abundance Ion 146.00 (145.70 to 146.70): E
 2000000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

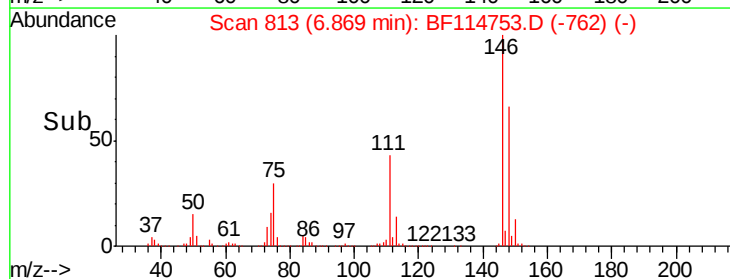
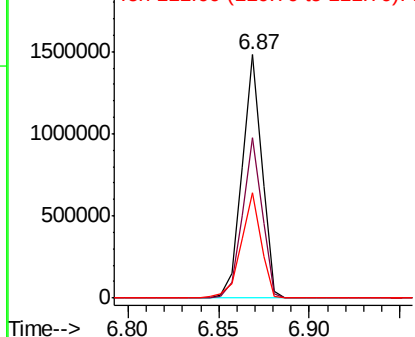


#14
 1,2-Dichlorobenzene
 Concen: 42.731 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Tgt Ion:146 Resp: 1119903
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.6 79.0
 111 43.2 34.1 51.1



Abundance Ion 146.00 (145.70 to 146.70): E
 2000000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.592 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

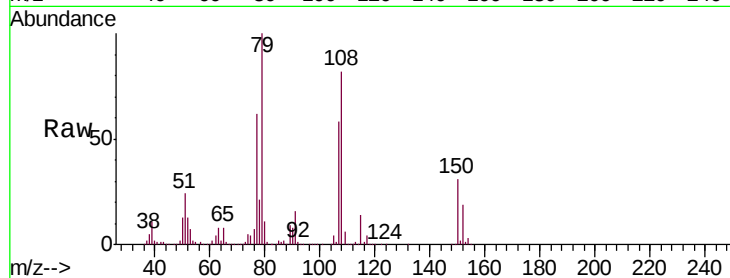
Tgt Ion: 79 Resp: 921828

Ion Ratio Lower Upper

79 100

108 82.2 67.8 101.8

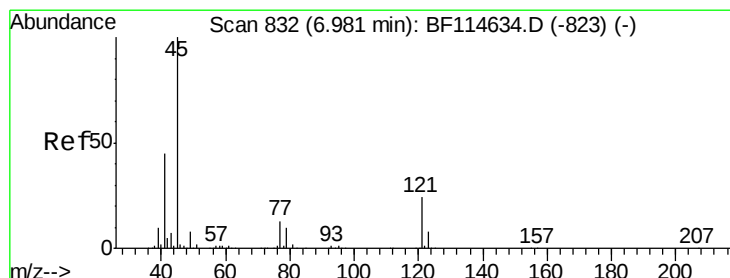
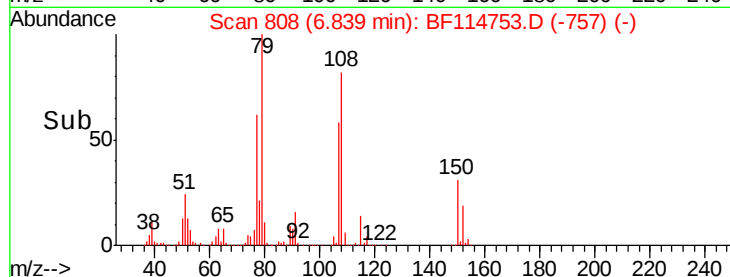
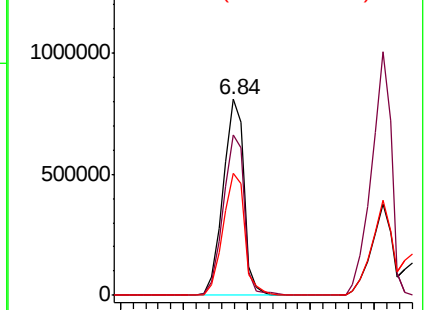
77 62.1 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.092 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

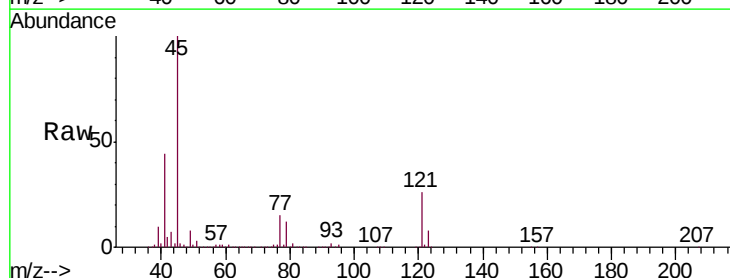
Tgt Ion: 45 Resp: 1418776

Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.7

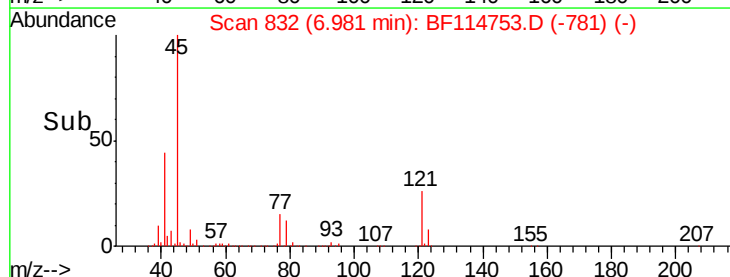
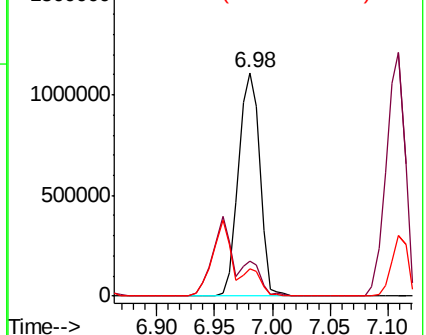
79 12.1 0.0 31.3

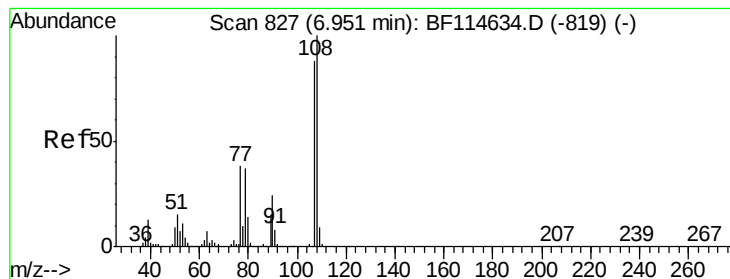


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

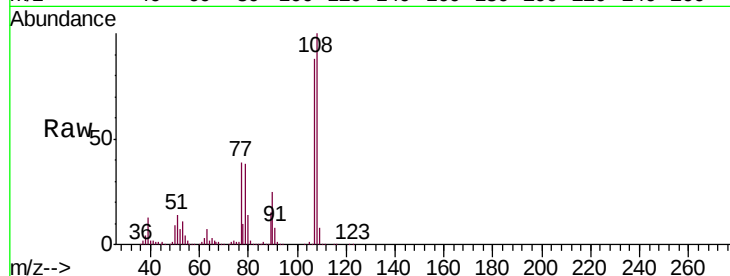




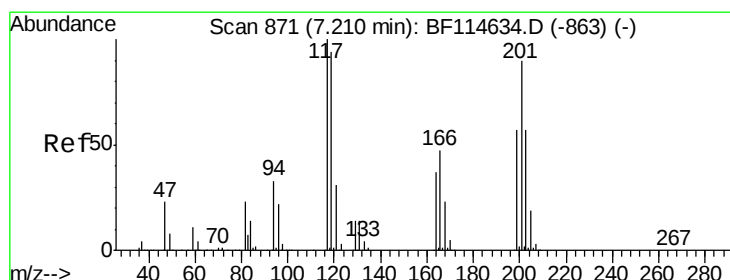
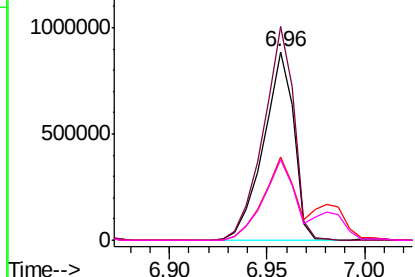
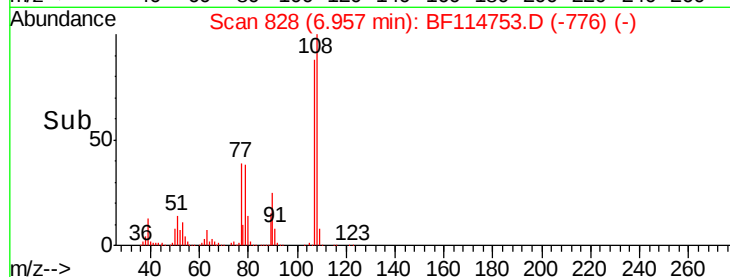
#17
2-Methylphenol
Concen: 44.890 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

Tgt Ion:	107	Resp:	956280
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.1	136.7
77	44.3	34.9	52.3
79	42.5	33.8	50.6

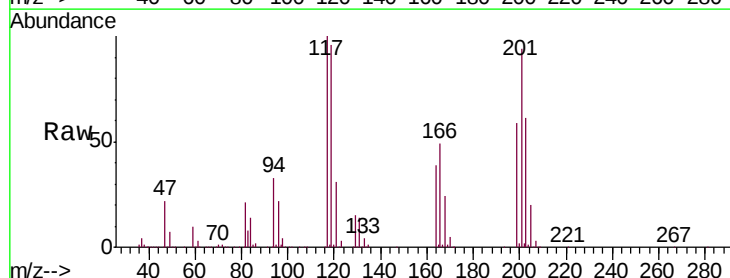


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

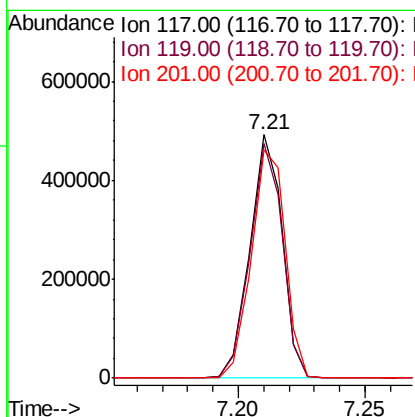
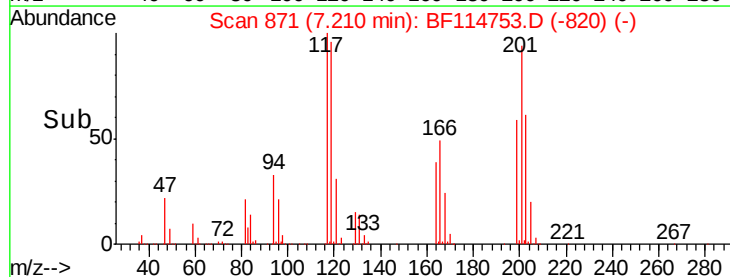


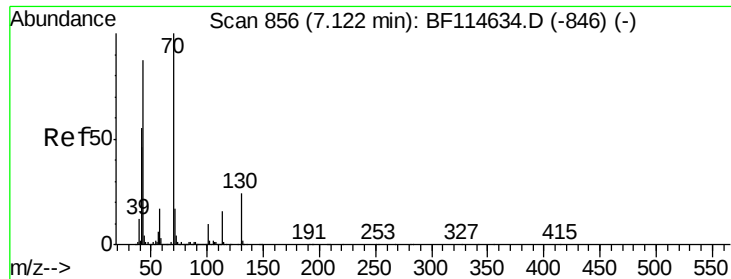
#18
Hexachloroethane
Concen: 40.115 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:	117	Resp:	437221
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.6	113.4
201	93.8	71.7	107.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

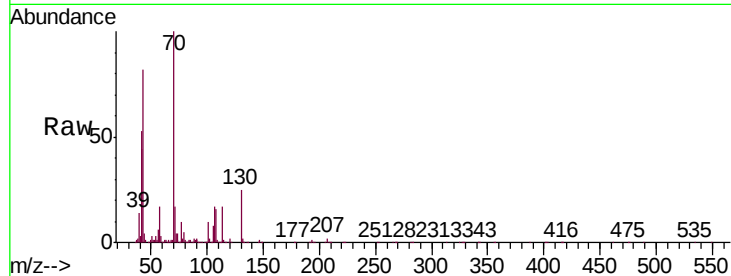




#19
n-Nitroso-di-n-propylamine
Concen: 40.331 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

Tgt Ion:	70	Resp:	731624
Ion	Ratio	Lower	Upper
70	100		
42	53.3	44.4	66.6
101	9.7	8.2	12.4
130	24.6	19.4	29.0



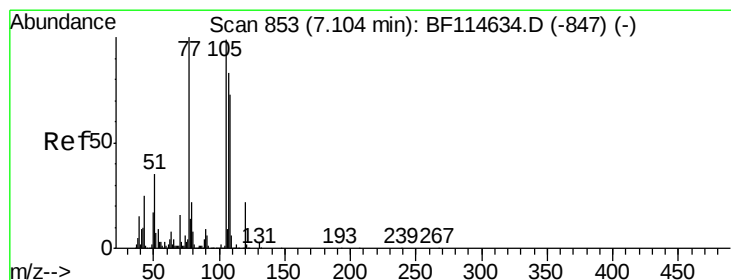
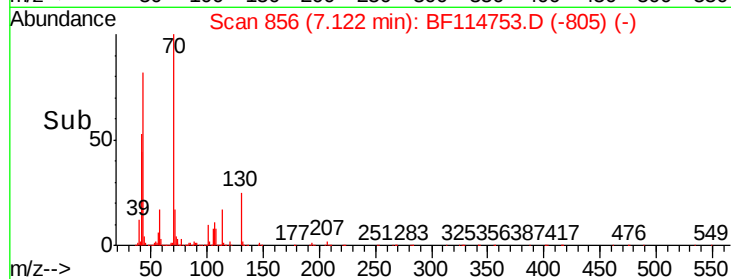
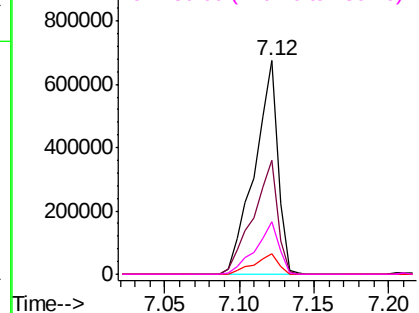
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

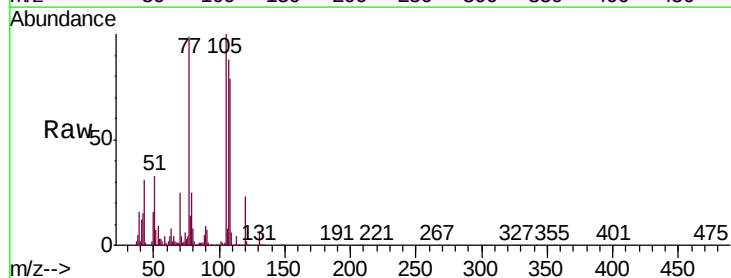
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 42.608 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:	107	Resp:	1067536
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.6	108.6
77	112.5	100.5	140.5
79	28.1	7.0	47.0



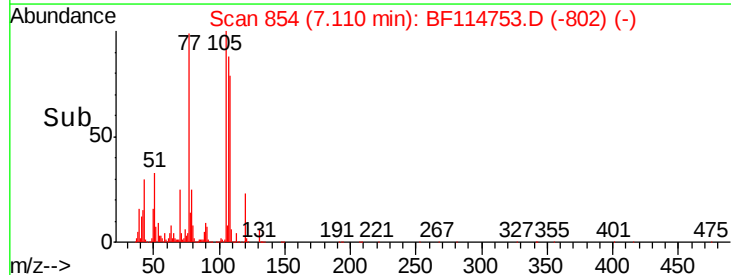
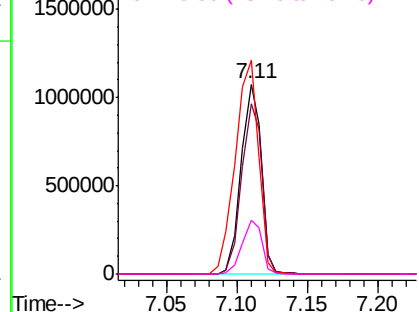
Abundance

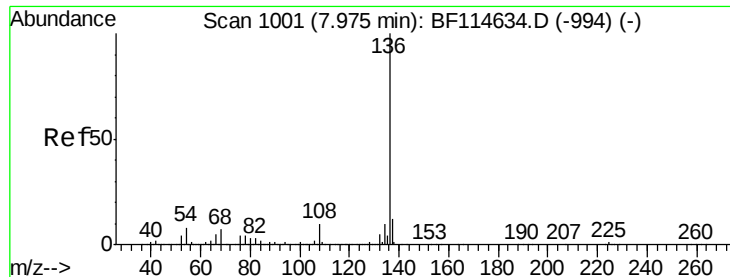
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

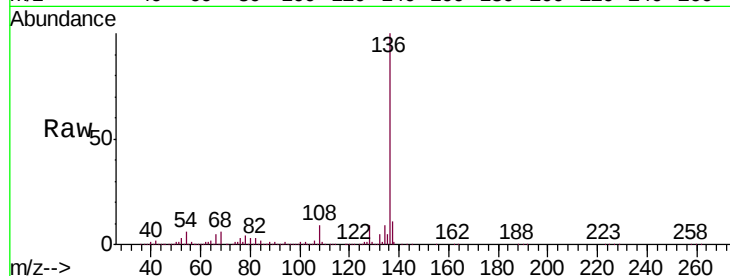




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

Tgt Ion:	136	Resp:	1461474
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.3	6.3	9.5
68	5.6	5.4	8.0



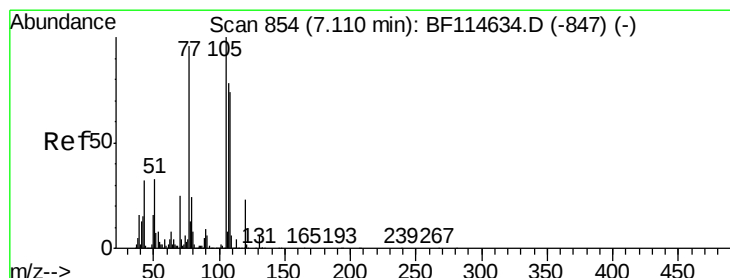
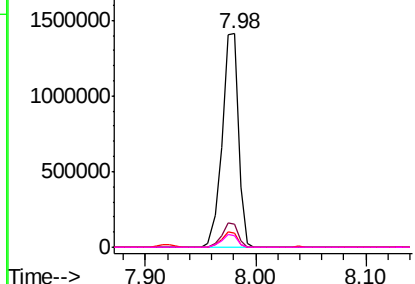
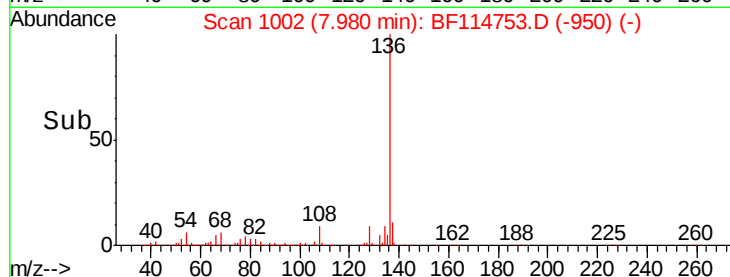
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

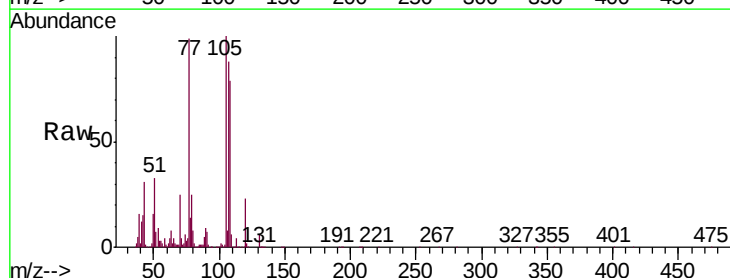
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.652 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:	105	Resp:	1452719
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.6	5.4
51	32.9	26.0	39.0
120	23.2	18.8	28.2



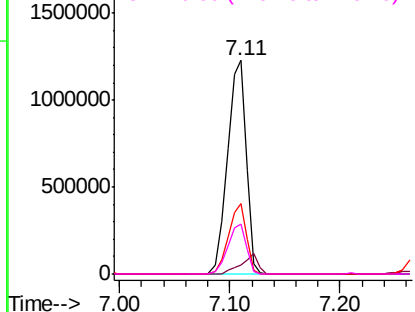
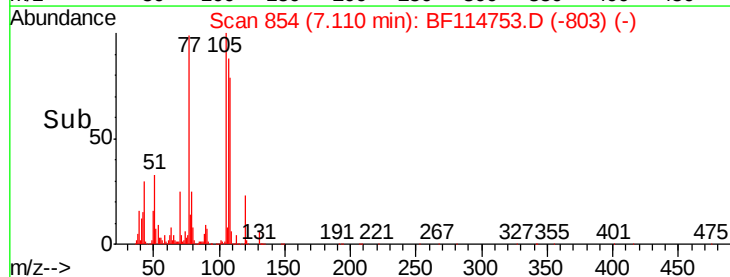
Abundance

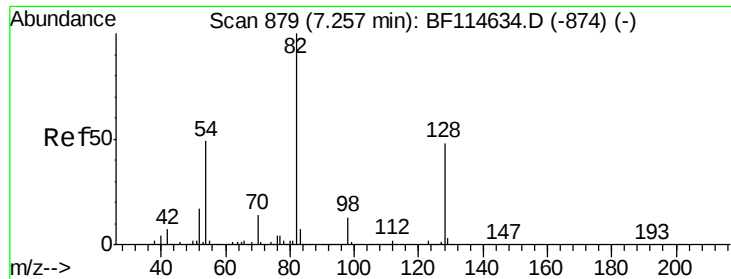
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

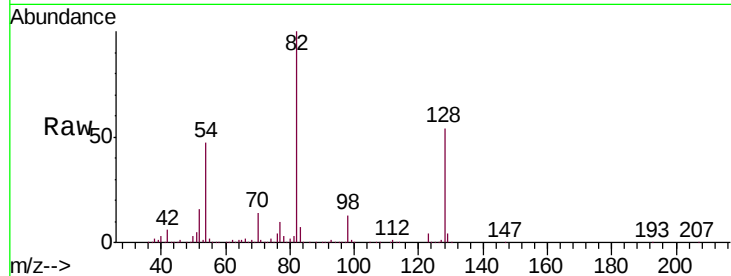




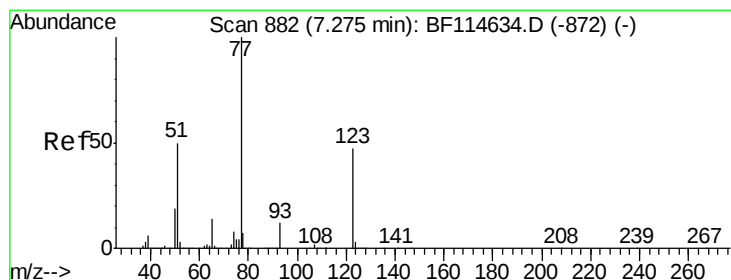
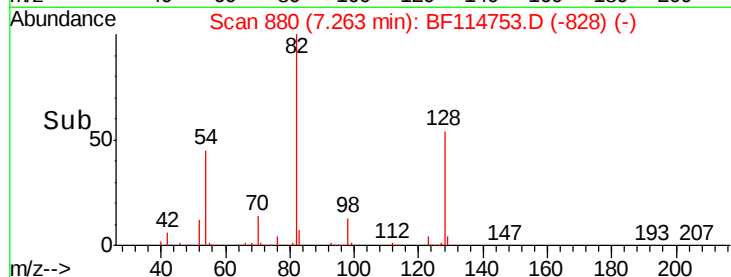
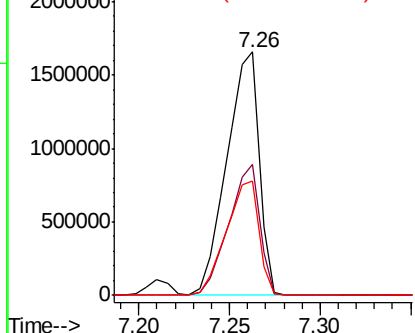
#23
 Nitrobenzene-d5
 Concen: 87.849 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 0432-HR-12(HACKENSACK)MSD

Tgt Ion: 82 Resp: 2057886
 Ion Ratio Lower Upper
 82 100
 128 53.5 38.5 57.7
 54 46.9 39.1 58.7

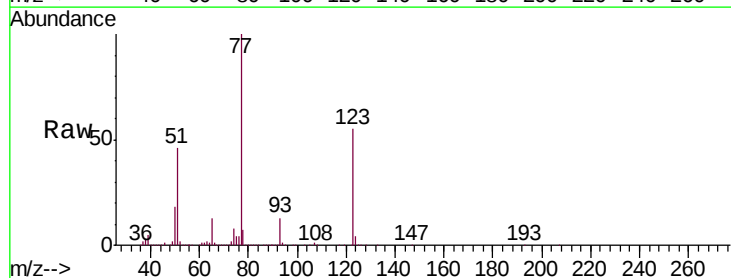


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

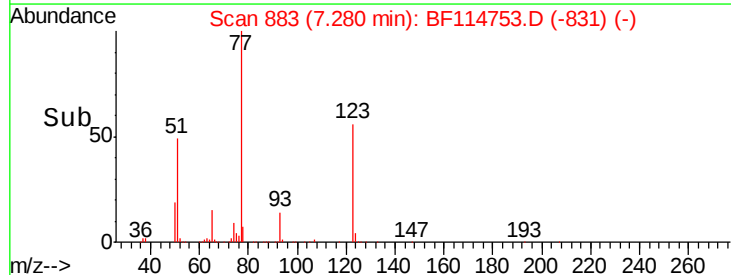
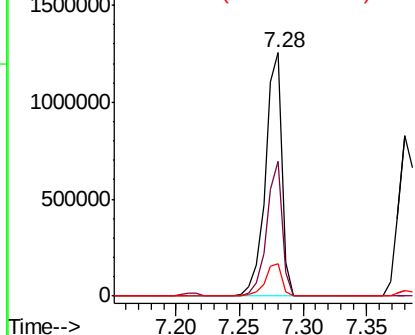


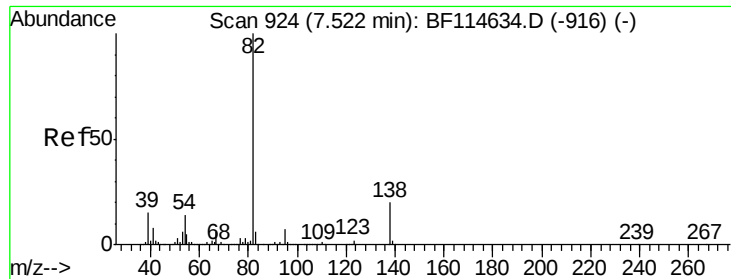
#24
 Nitrobenzene
 Concen: 45.818 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Tgt Ion: 77 Resp: 1140106
 Ion Ratio Lower Upper
 77 100
 123 55.4 38.5 57.7
 65 13.3 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

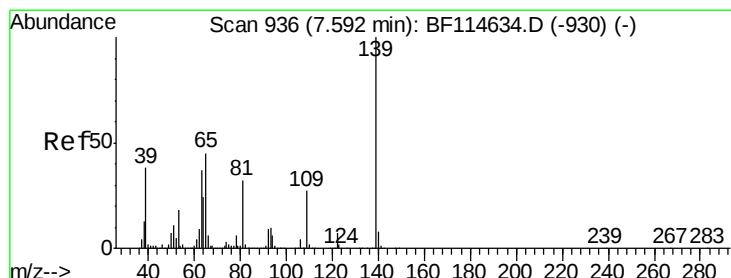
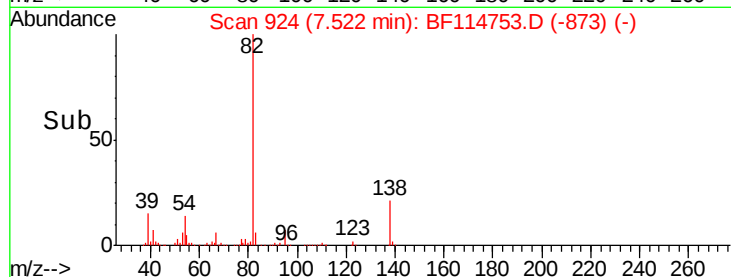
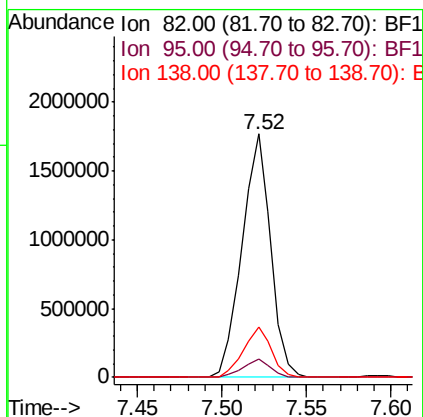
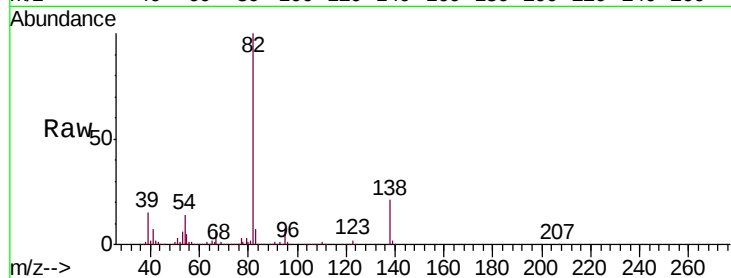




#25
Isophorone
Concen: 44.449 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

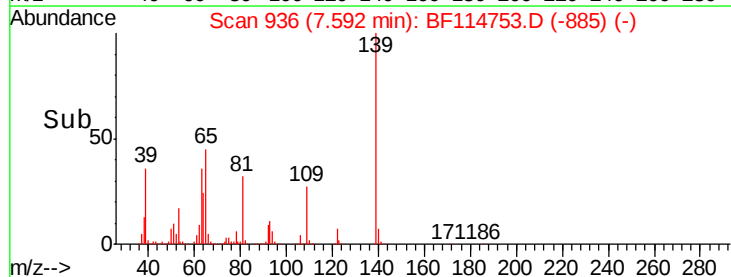
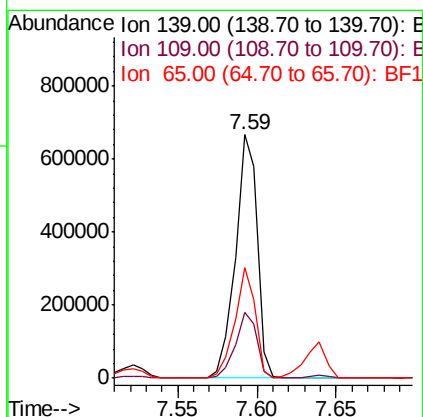
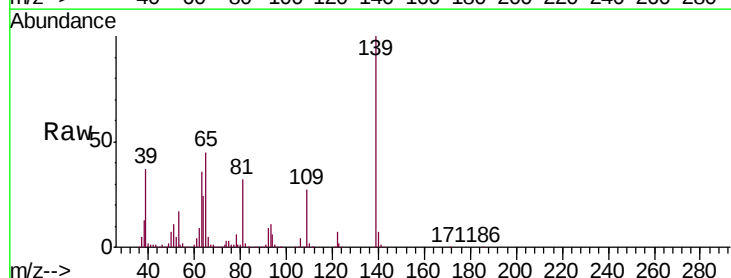
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

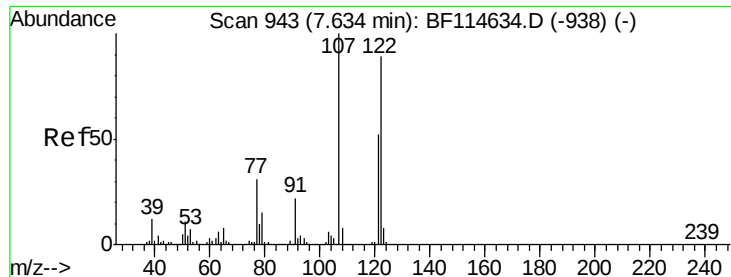
Tgt Ion: 82 Resp: 2089616
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 20.6 15.9 23.9



#26
2-Nitrophenol
Concen: 52.263 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion: 139 Resp: 633038
Ion Ratio Lower Upper
139 100
109 27.2 21.7 32.5
65 45.2 36.3 54.5

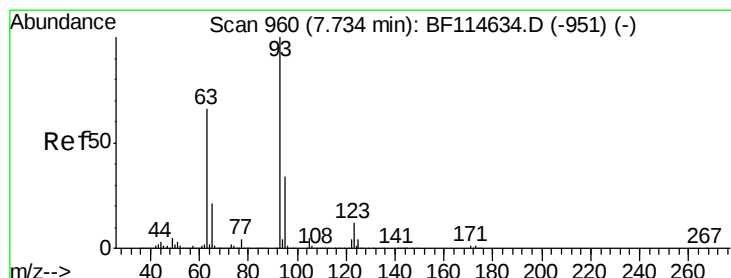
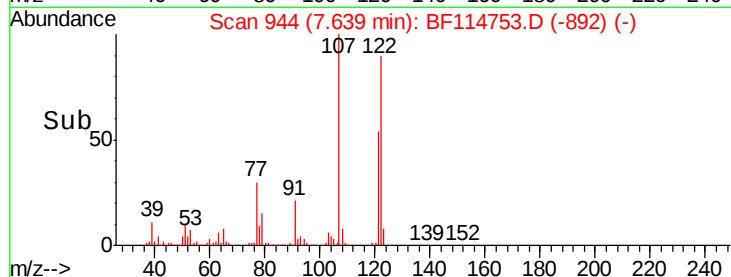
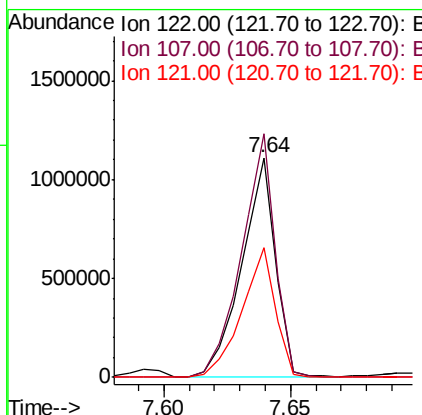
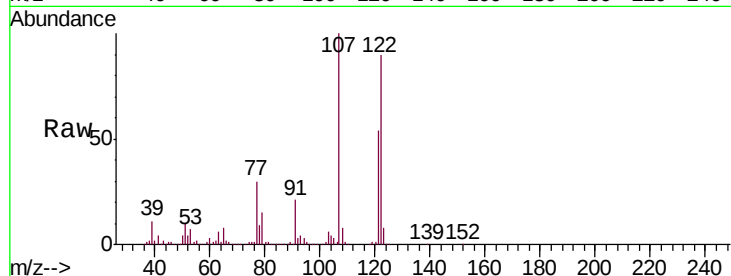




#27
2,4-Dimethylphenol
Concen: 50.911 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

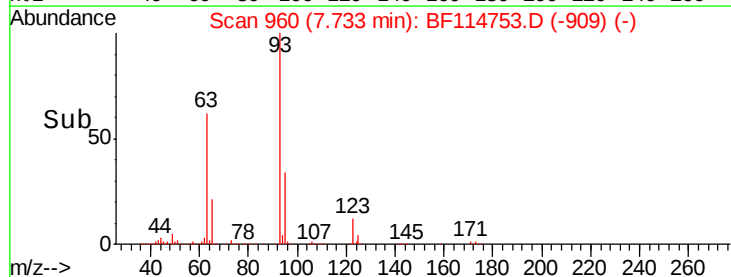
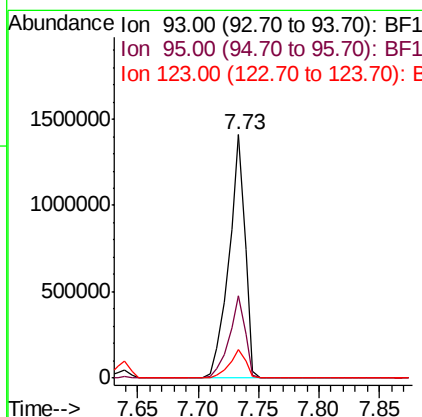
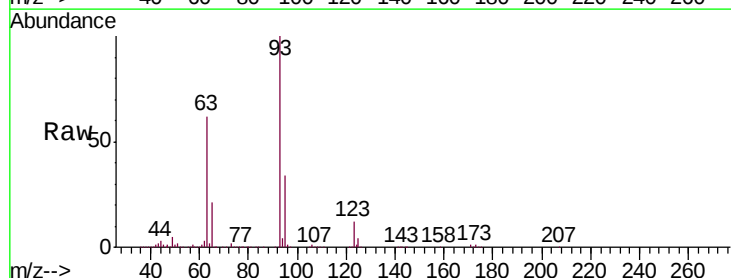
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

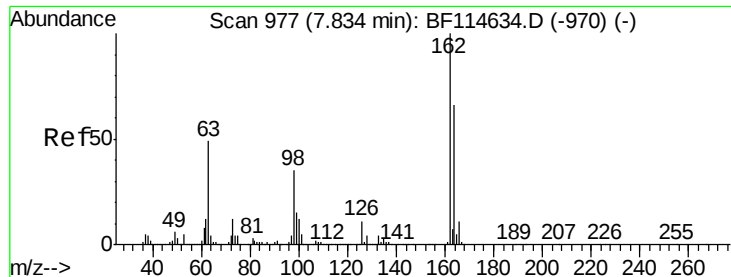
Tgt Ion:122 Resp: 1025589
Ion Ratio Lower Upper
122 100
107 111.0 89.3 133.9
121 59.4 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 43.715 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion: 93 Resp: 1308221
Ion Ratio Lower Upper
93 100
95 33.9 27.0 40.4
123 12.0 10.2 15.2

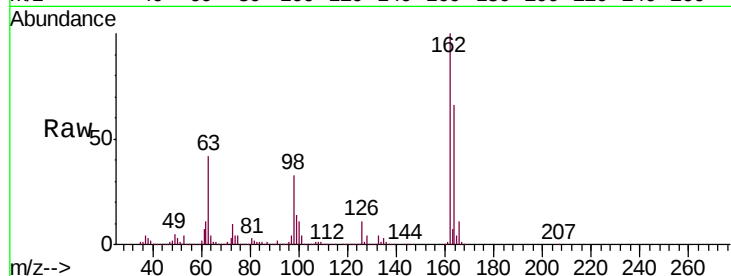




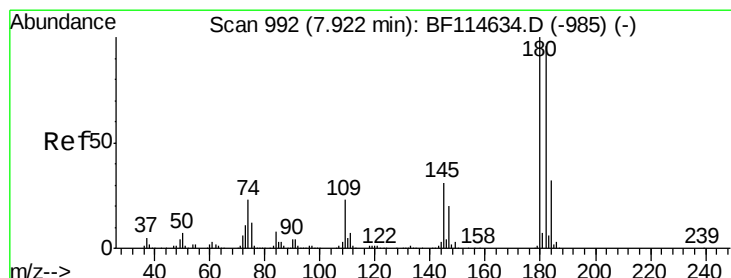
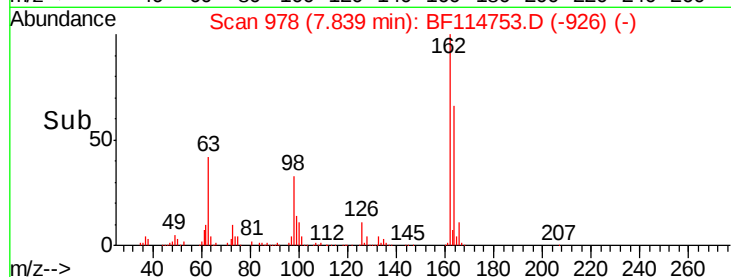
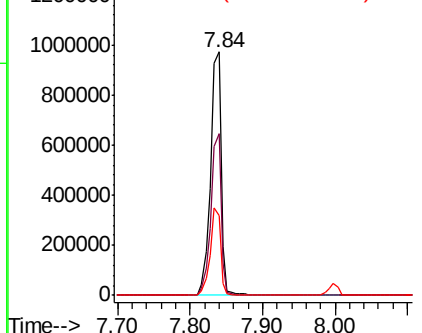
#29
2,4-Dichlorophenol
Concen: 48.453 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.4	45.8	85.8
98	32.6	14.9	54.9

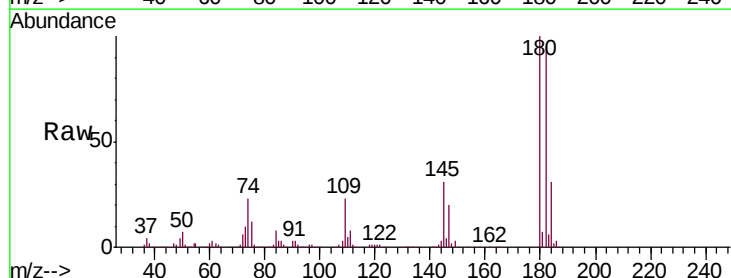


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

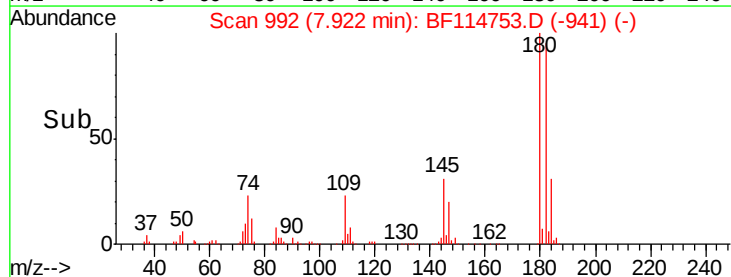
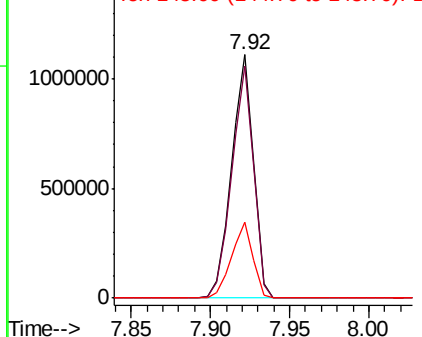


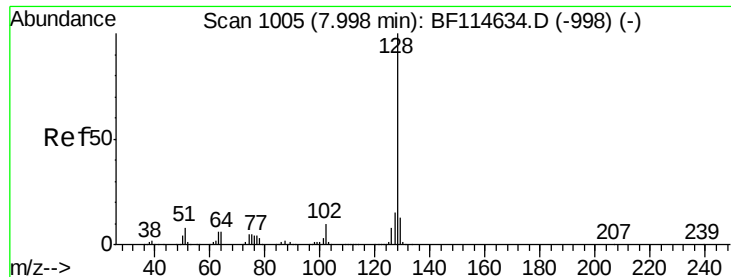
#30
1,2,4-Trichlorobenzene
Concen: 45.525 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.9	115.3
145	31.0	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

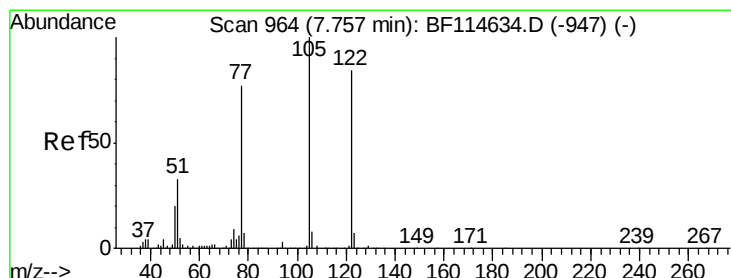
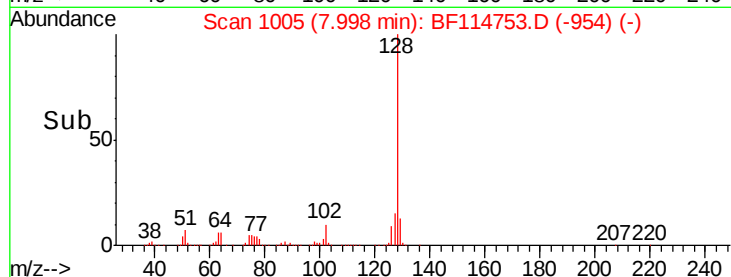
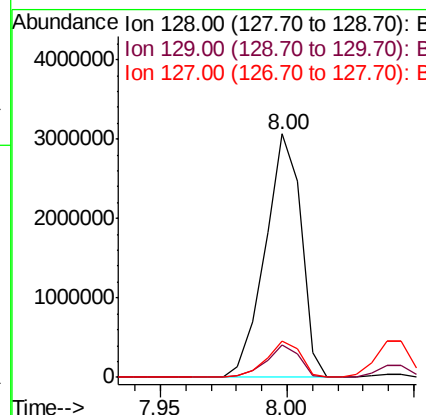
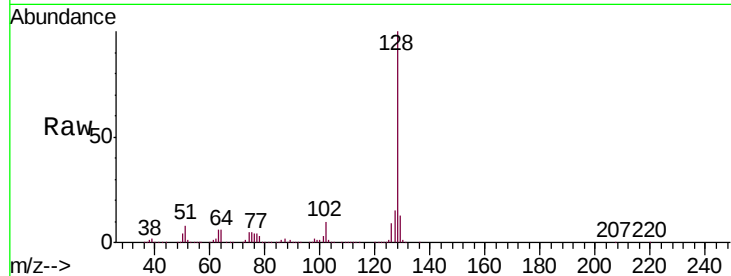




#31
Naphthalene
Concen: 44.713 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

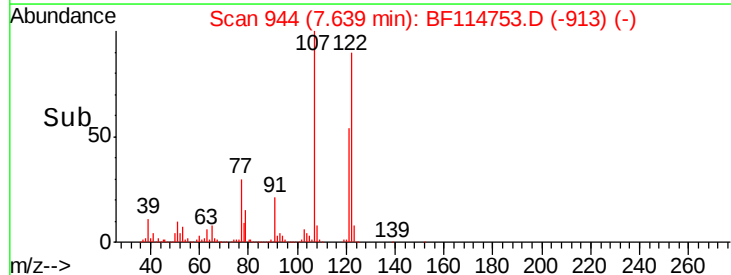
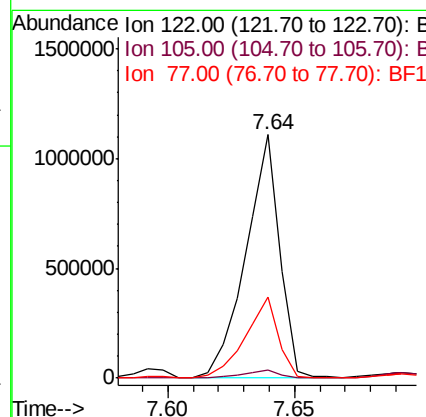
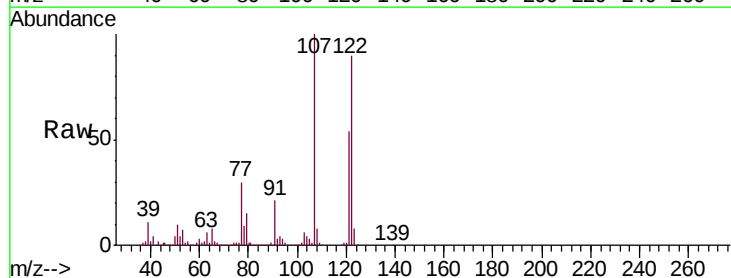
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

Tgt Ion:128 Resp: 3009965
Ion Ratio Lower Upper
128 100
129 13.1 10.2 15.2
127 15.0 11.9 17.9



#32
Benzoic acid
Concen: 78.383 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.12 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:122 Resp: 1025589
Ion Ratio Lower Upper
122 100
105 3.6 98.3 138.3#
77 33.2 70.7 110.7#

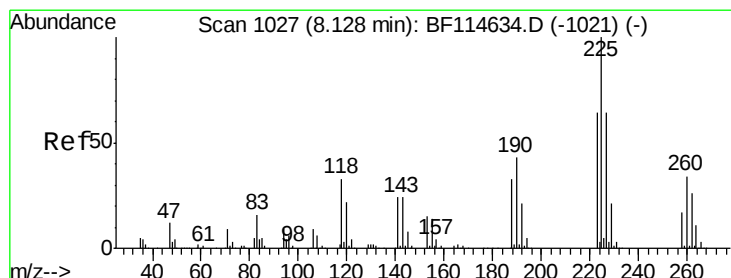
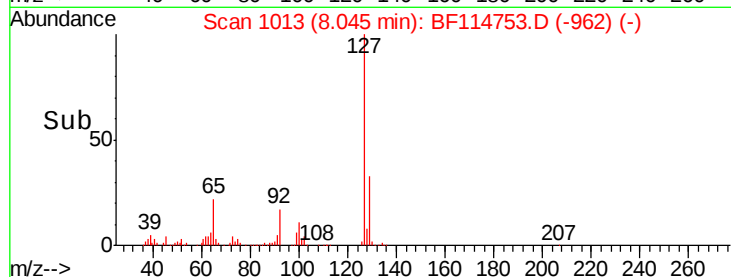
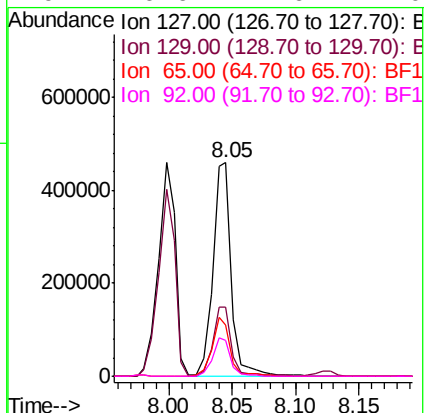
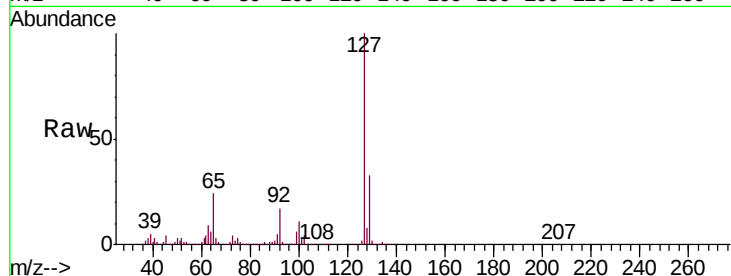




#33
4-Chloroaniline
Concen: 14.640 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

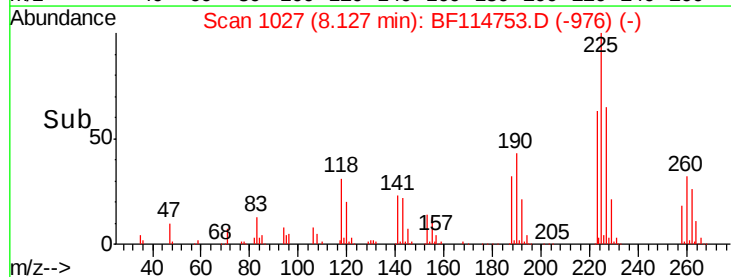
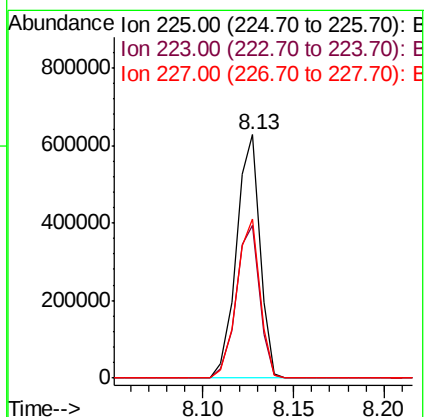
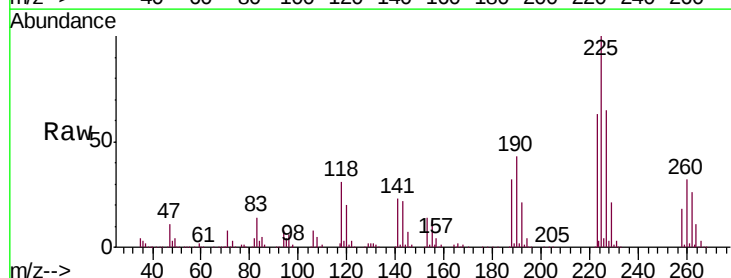
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

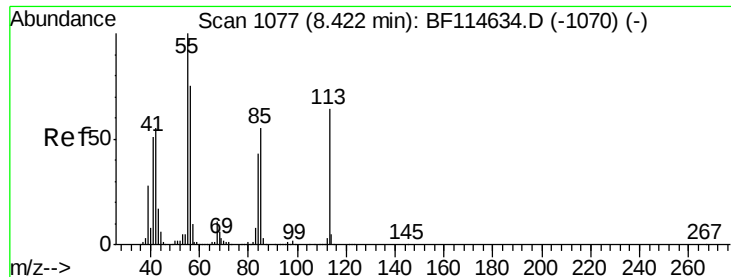
Tgt Ion:	127	Resp:	469523
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.7	40.1
65	23.8	22.5	33.7
92	16.6	14.6	22.0



#34
Hexachlorobutadiene
Concen: 43.432 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:	225	Resp:	563627
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	65.2	51.3	76.9

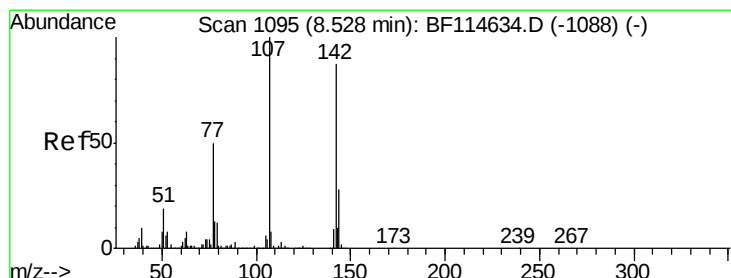
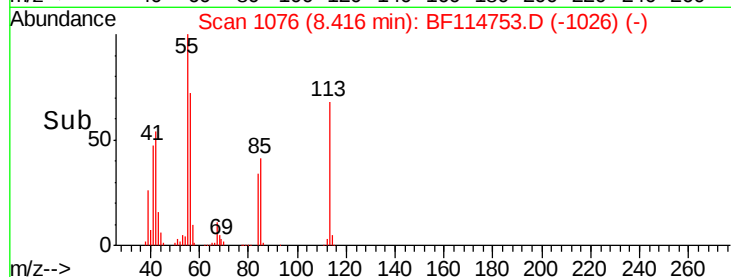
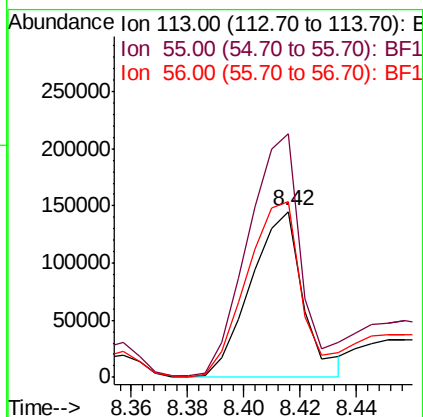
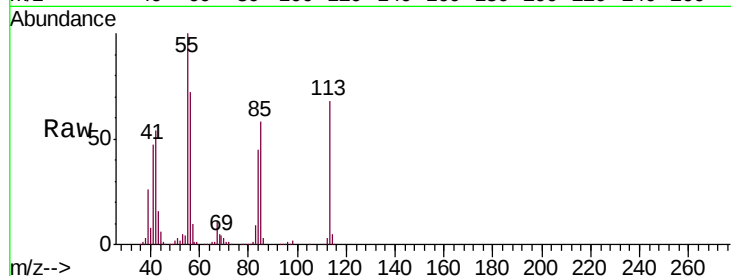




#35
 Caprolactam
 Concen: 27.187 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

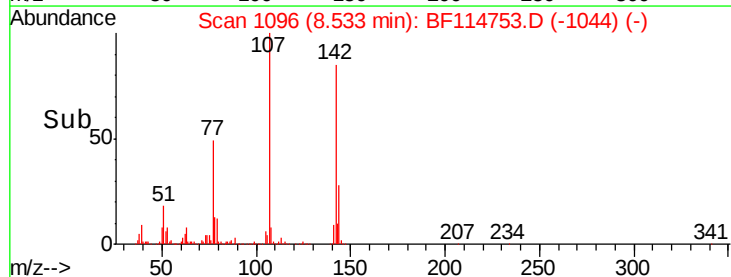
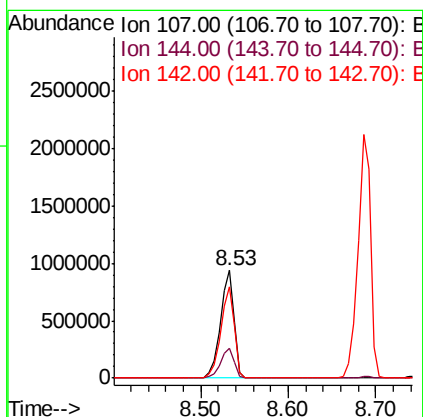
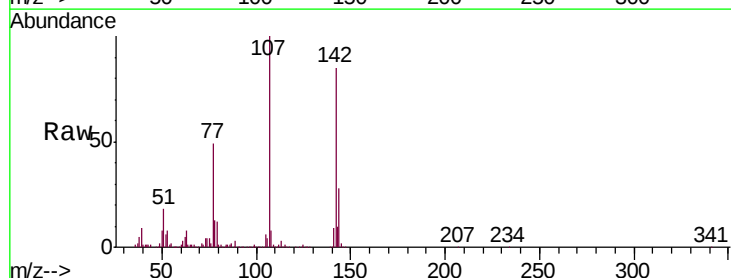
Instrument :
 BNA_F
 ClientSampleId :
 0432-HR-12(HACKENSACK)MSD

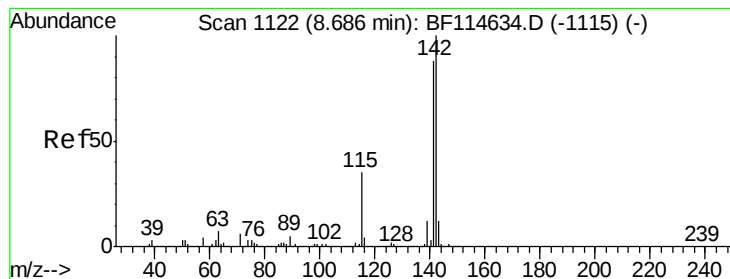
Tgt Ion:113 Resp: 188126
 Ion Ratio Lower Upper
 113 100
 55 146.9 136.4 176.4
 56 106.1 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 48.968 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Tgt Ion:107 Resp: 1006913
 Ion Ratio Lower Upper
 107 100
 144 28.0 22.5 33.7
 142 85.4 69.8 104.6





#37

2-Methylnaphthalene

Concen: 47.670 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

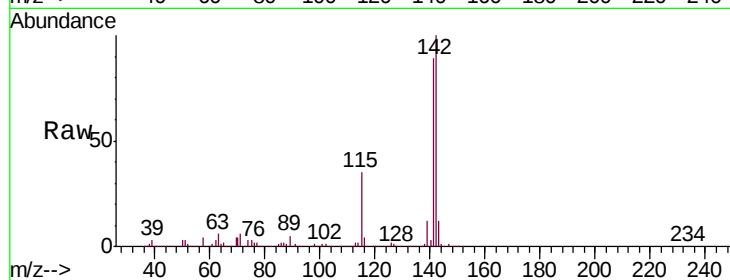
Tgt Ion:142 Resp: 2132152

Ion Ratio Lower Upper

142 100

141 88.8 70.3 105.5

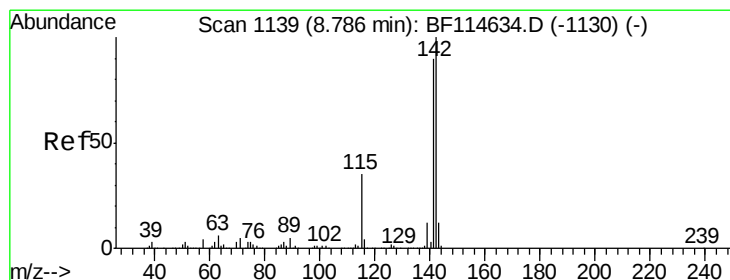
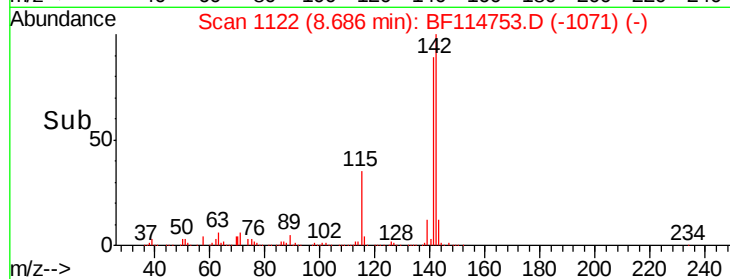
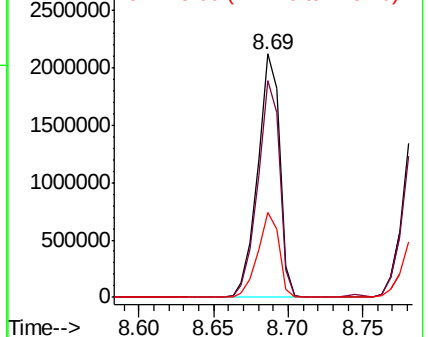
115 35.1 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.951 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

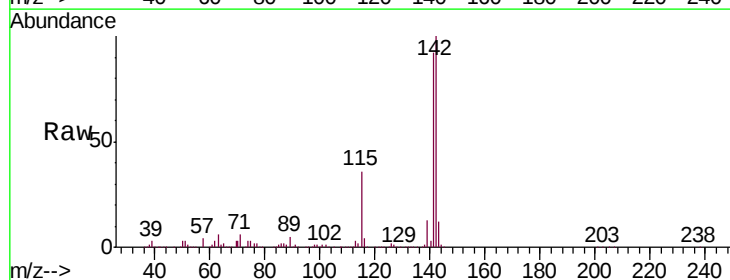
Tgt Ion:142 Resp: 2032025

Ion Ratio Lower Upper

142 100

141 91.9 72.3 108.5

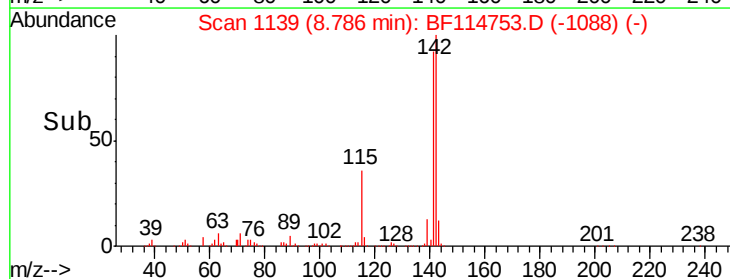
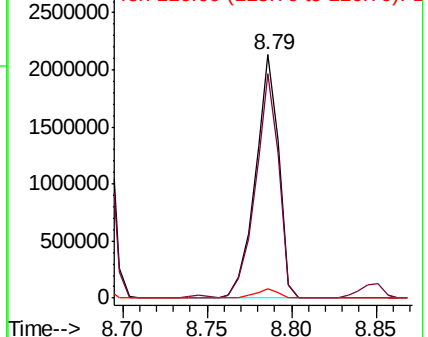
116 3.8 3.0 4.4



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

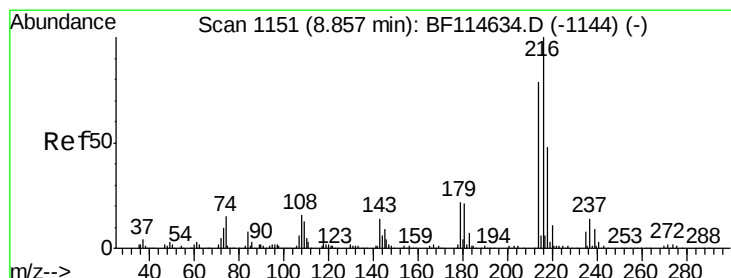
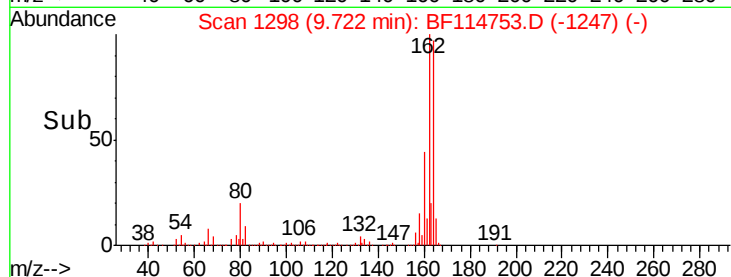
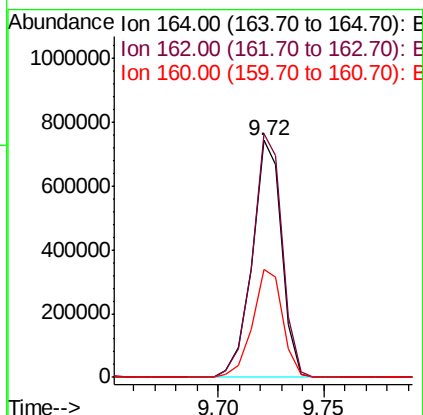
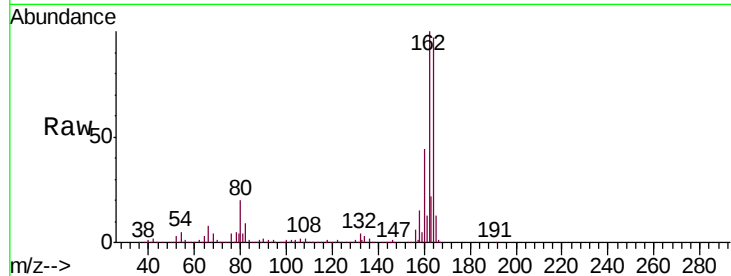




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

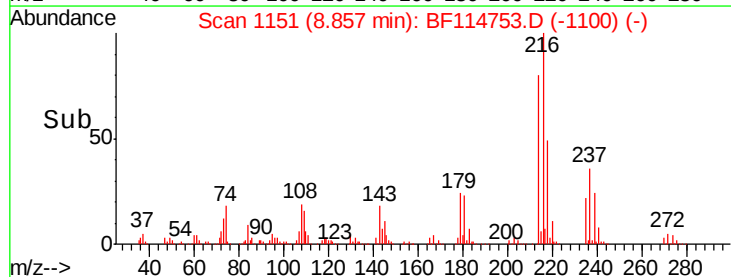
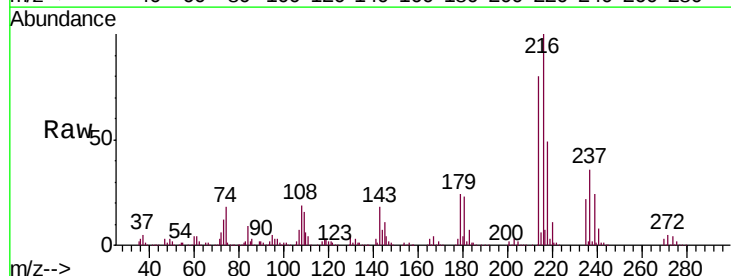
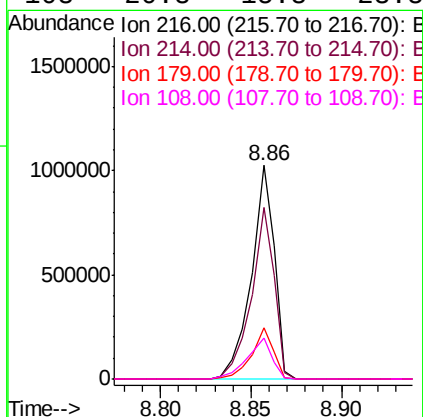
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

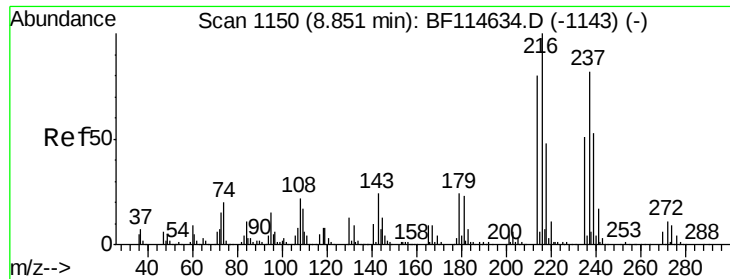
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.2
160	45.5	36.6	54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.187 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.2	94.8
179	22.6	17.9	26.9
108	20.8	15.8	23.8





#41

Hexachlorocyclopentadiene

Concen: 75.189 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

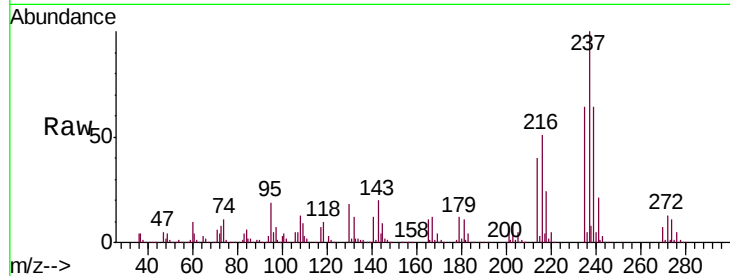
Tgt Ion:237 Resp: 952596

Ion Ratio Lower Upper

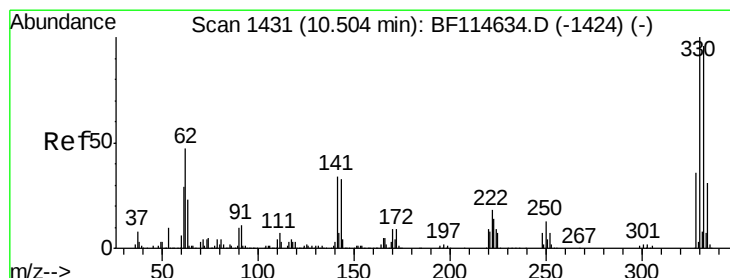
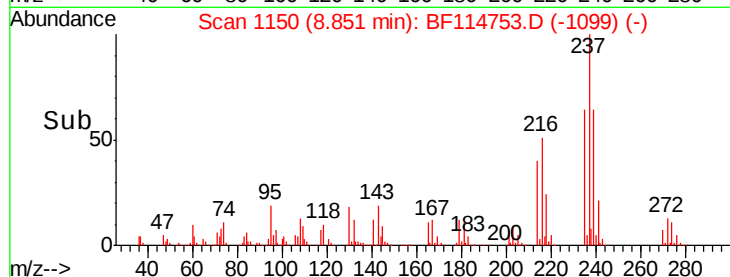
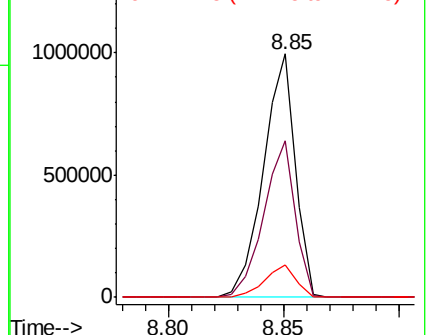
237 100

235 64.1 42.8 82.8

272 13.5 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.790 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

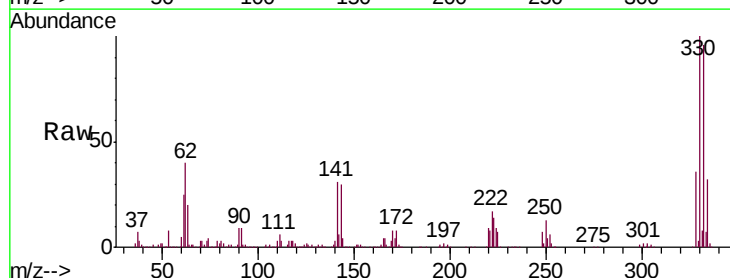
Tgt Ion:330 Resp: 945210

Ion Ratio Lower Upper

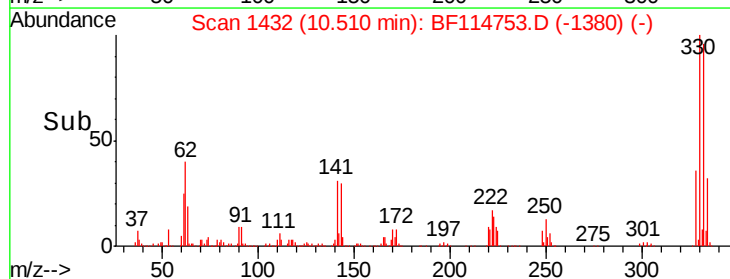
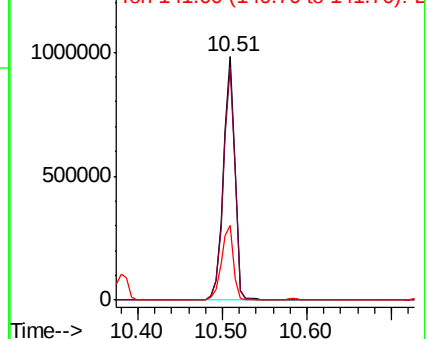
330 100

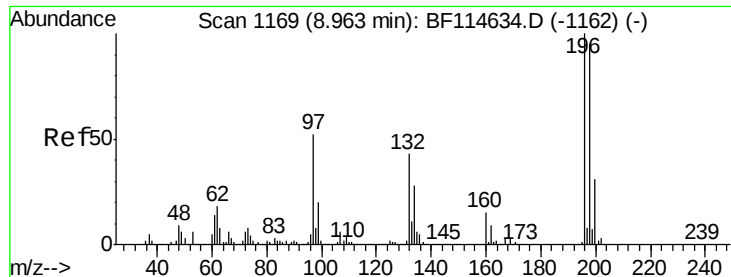
332 96.4 75.8 113.8

141 32.4 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

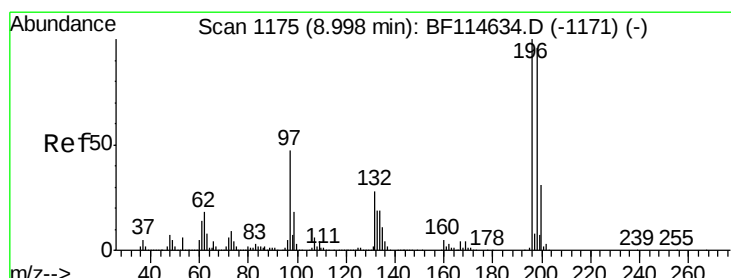
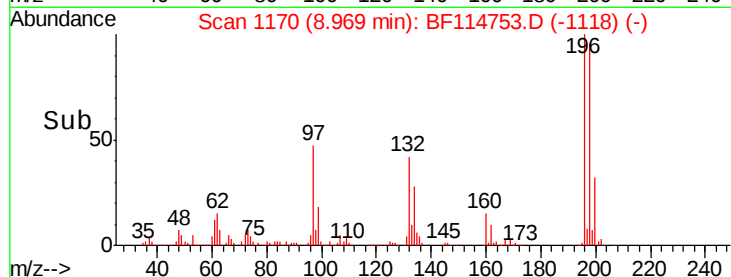
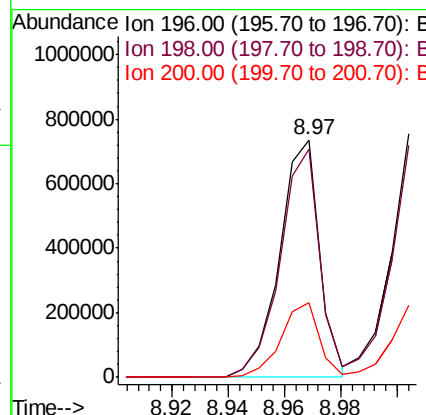
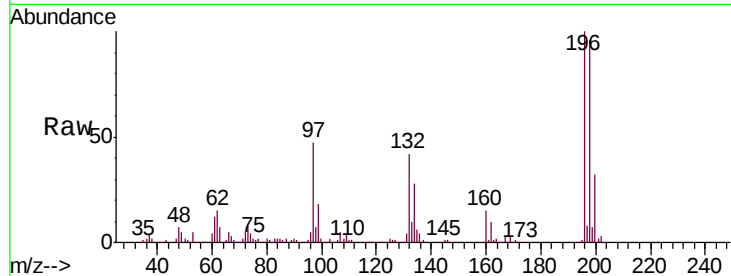




#43
 2,4,6-Trichlorophenol
 Concen: 47.748 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

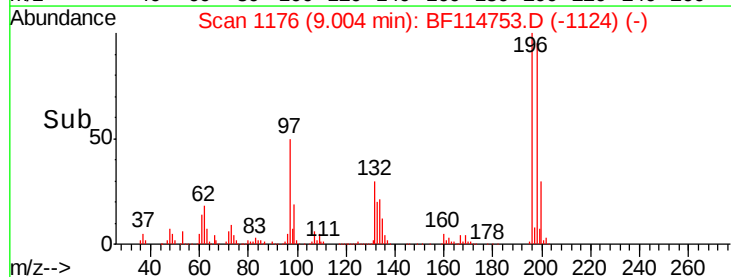
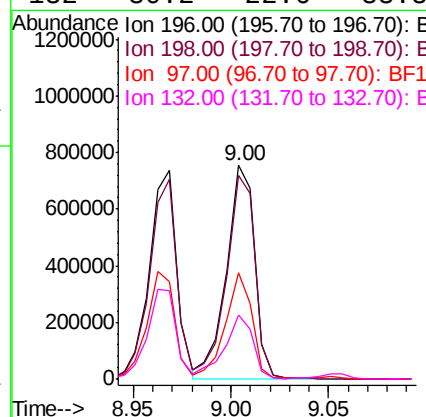
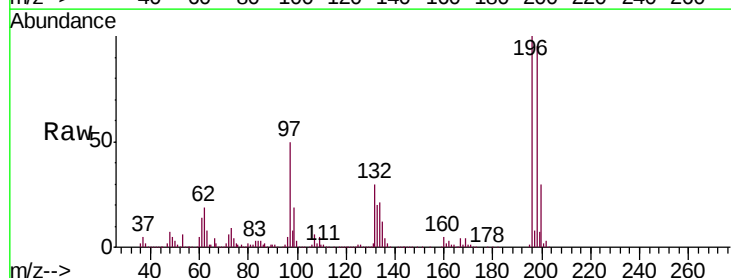
Instrument :
 BNA_F
 ClientSampleId :
 0432-HR-12(HACKENSACK)MSD

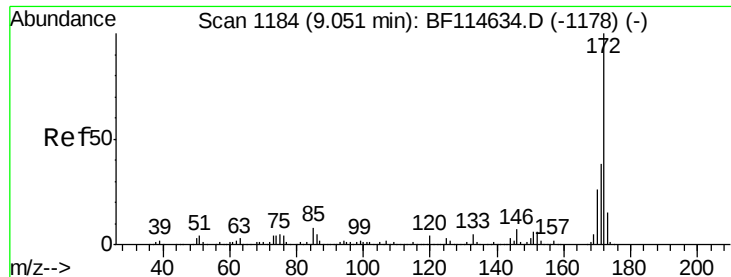
Tgt Ion:196 Resp: 720289
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.1 114.1
 200 31.6 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 50.580 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Tgt Ion:196 Resp: 761415
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.8 115.2
 97 49.9 37.8 56.8
 132 30.2 22.6 33.8

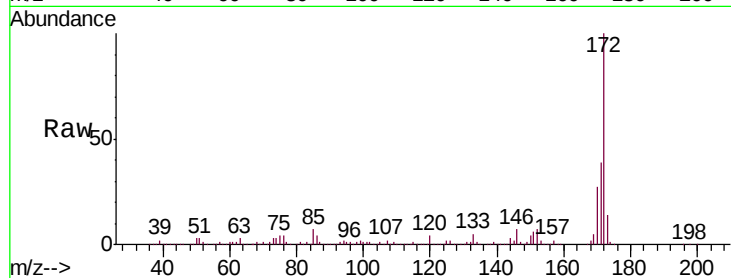




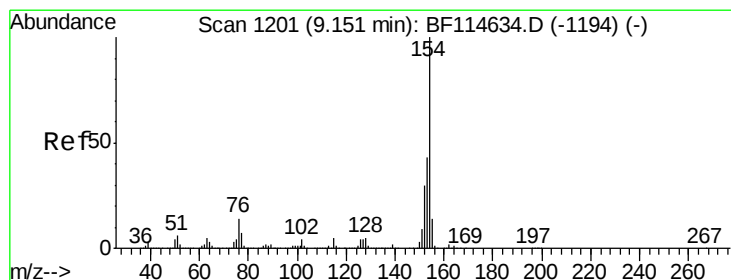
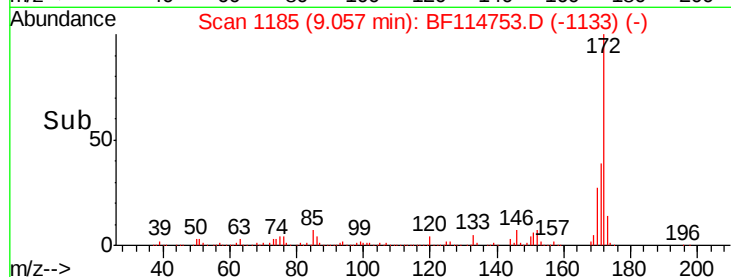
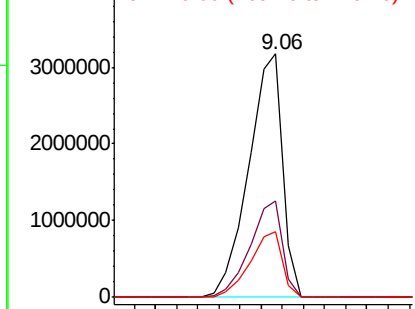
#45
2-Fluorobiphenyl
Concen: 93.871 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

Tgt Ion:172 Resp: 3533573
Ion Ratio Lower Upper
172 100
171 39.5 30.6 45.8
170 26.9 20.7 31.1

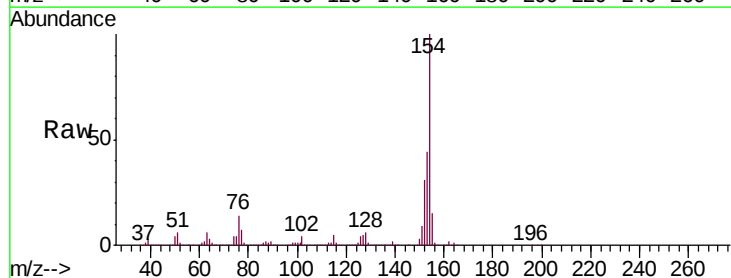


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

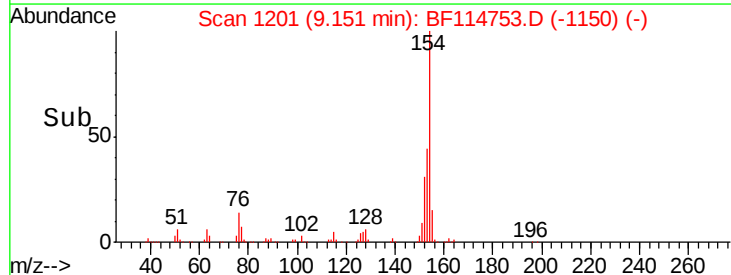
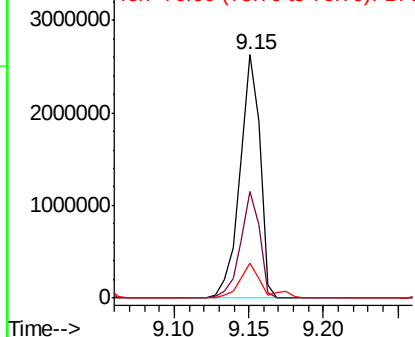


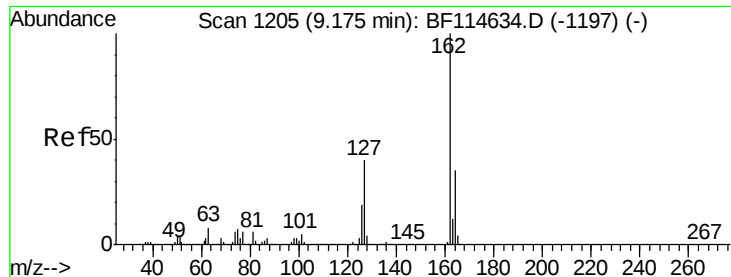
#46
1,1'-Biphenyl
Concen: 45.939 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:154 Resp: 2455013
Ion Ratio Lower Upper
154 100
153 43.8 23.0 63.0
76 14.2 0.0 33.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

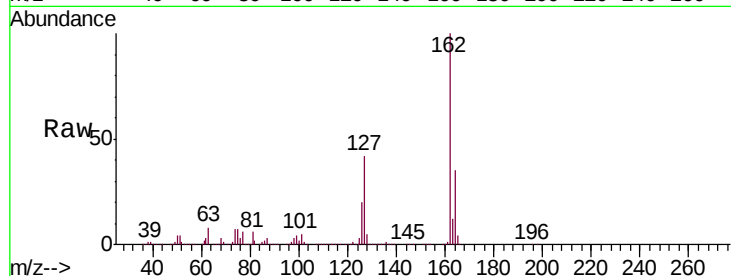




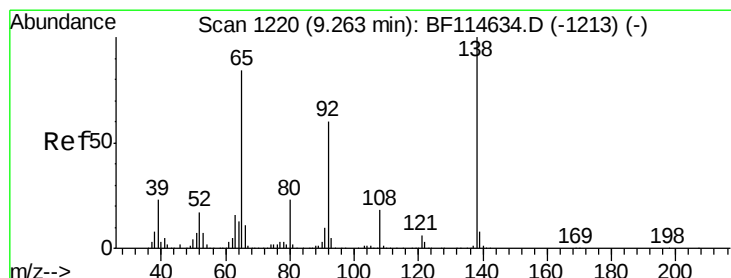
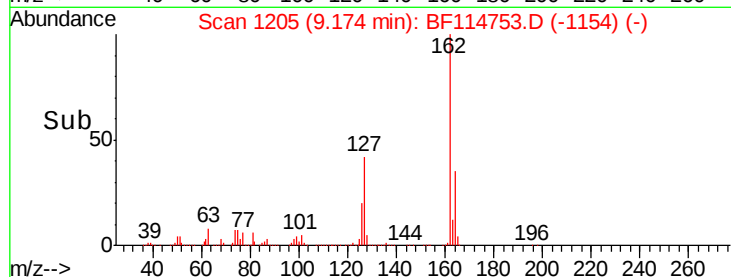
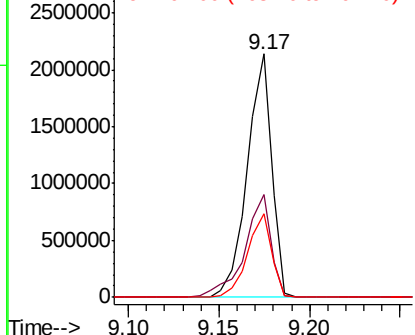
#47
 2-Chloronaphthalene
 Concen: 45.755 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 0432-HR-12(HACKENSACK)MSD

Tgt Ion: 162 Resp: 2005739
 Ion Ratio Lower Upper
 162 100
 127 42.2 32.2 48.2
 164 34.5 27.8 41.6

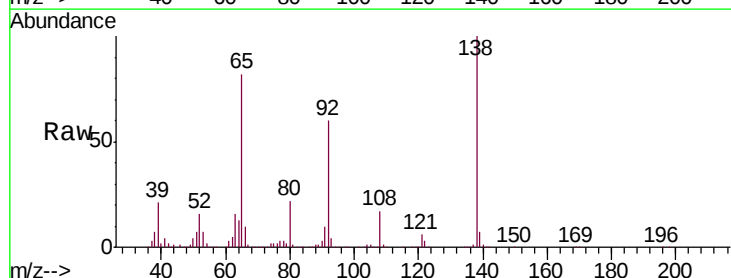


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

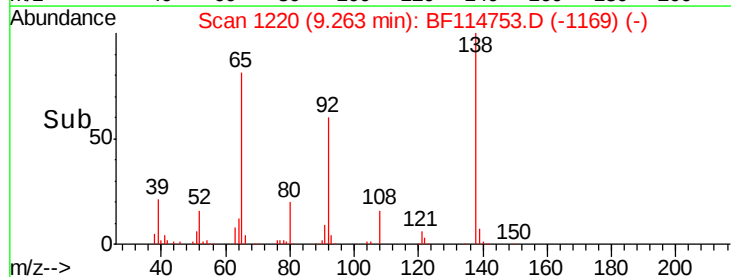
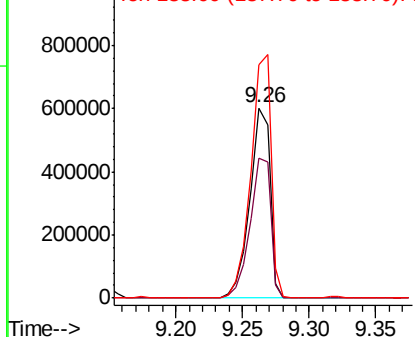


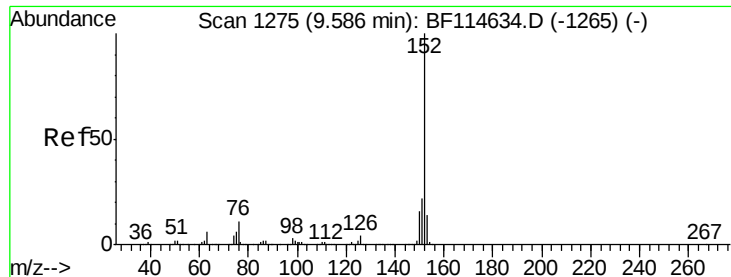
#48
 2-Nitroaniline
 Concen: 46.011 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Tgt Ion: 65 Resp: 622435
 Ion Ratio Lower Upper
 65 100
 92 73.6 57.1 85.7
 138 122.7 95.8 143.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.249 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

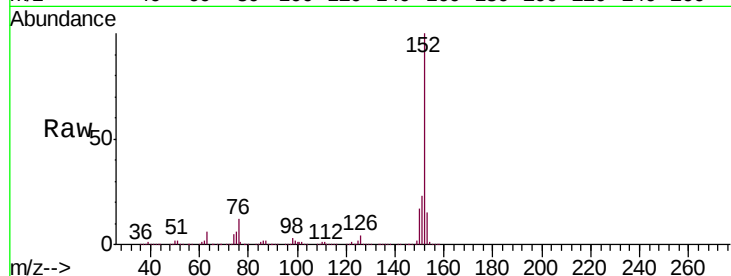
Tgt Ion:152 Resp: 3064427

Ion Ratio Lower Upper

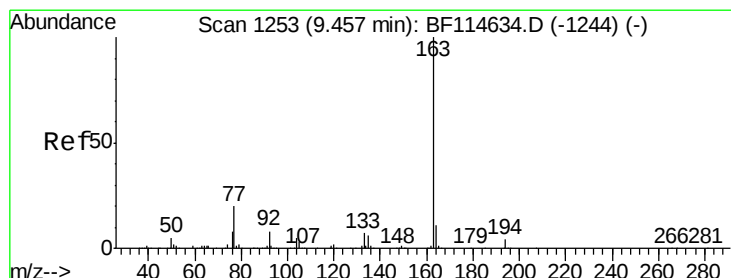
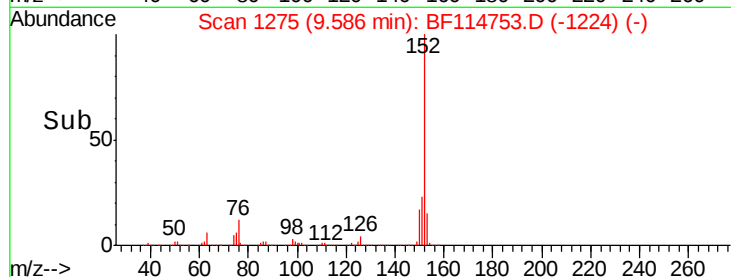
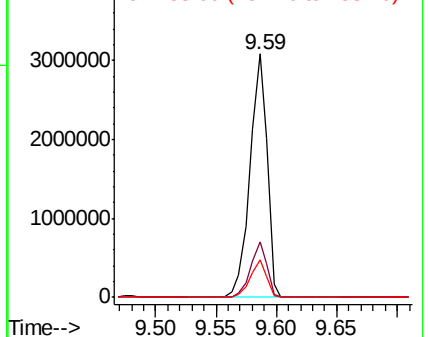
152 100

151 23.0 17.5 26.3

153 15.3 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: 54.293 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

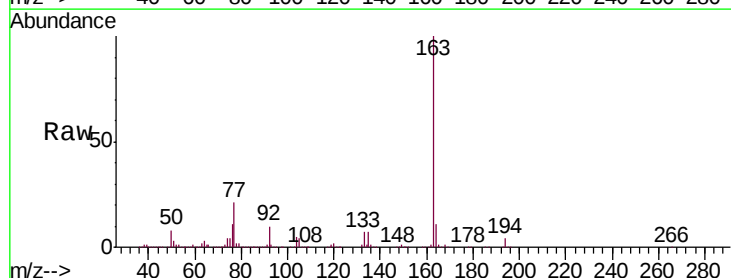
Tgt Ion:163 Resp: 2723621

Ion Ratio Lower Upper

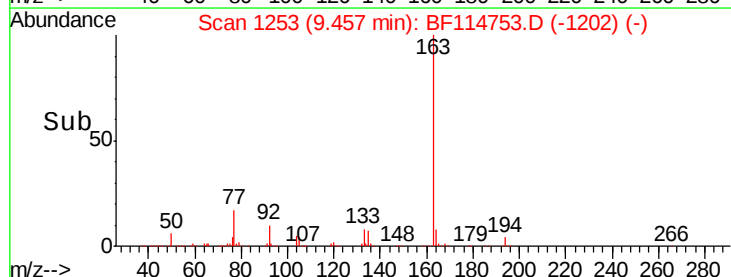
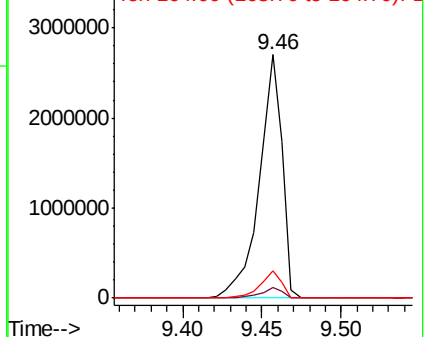
163 100

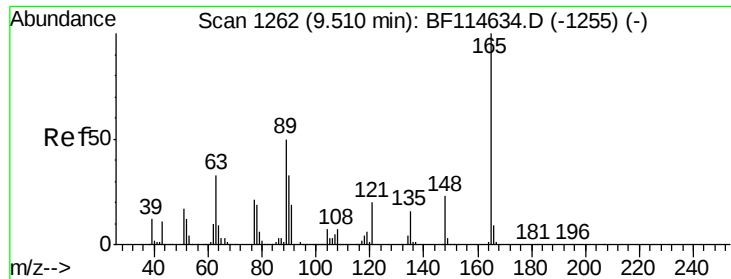
194 4.2 3.4 5.0

164 11.3 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

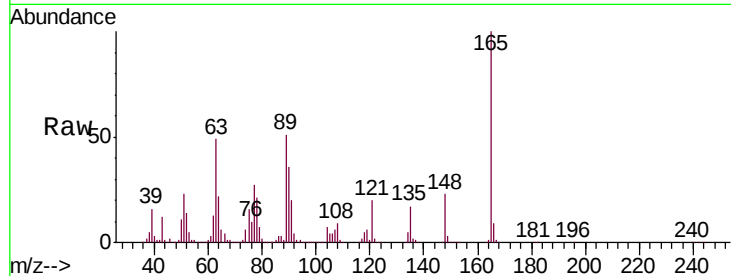




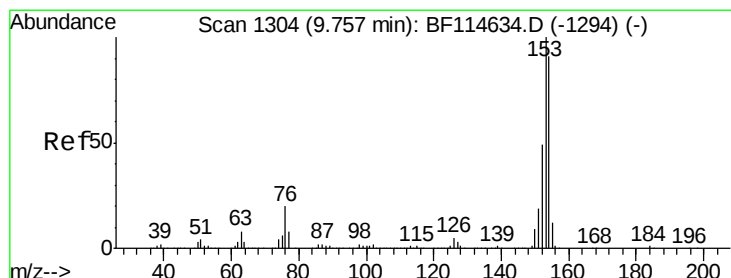
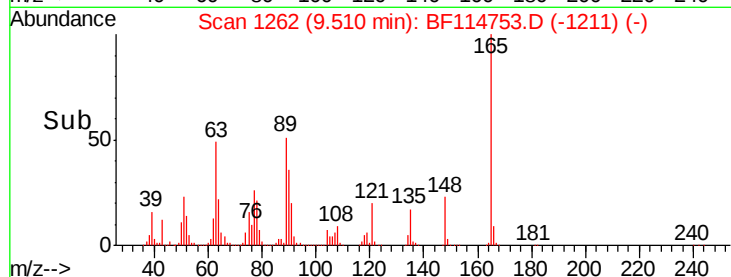
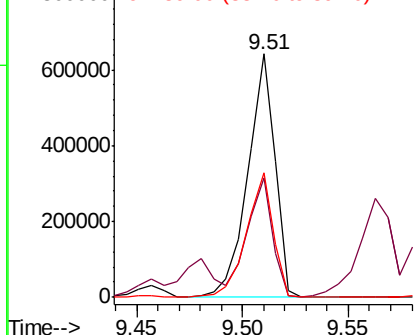
#51
 2,6-Dinitrotoluene
 Concen: 49.299 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 0432-HR-12(HACKENSACK)MSD

Tgt Ion:165 Resp: 574661
 Ion Ratio Lower Upper
 165 100
 63 49.1 36.6 54.8
 89 51.4 40.2 60.4

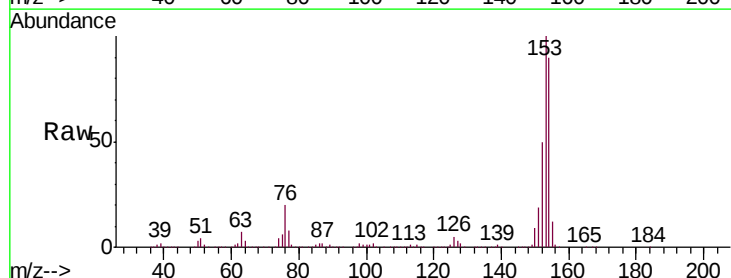


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

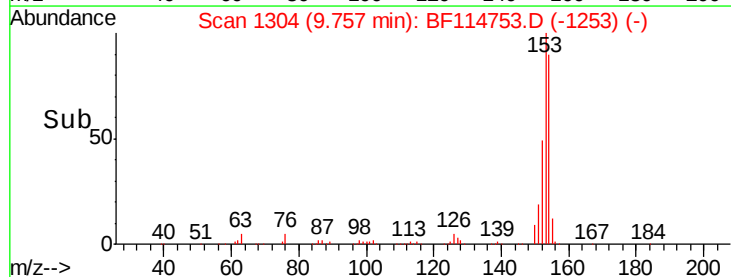
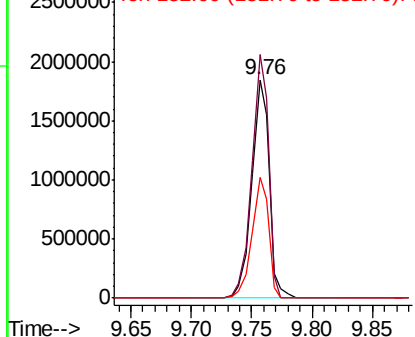


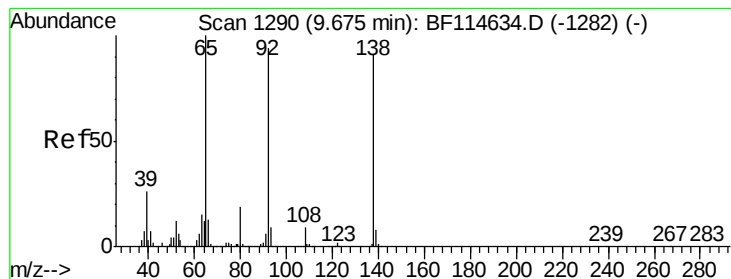
#52
 Acenaphthene
 Concen: 44.861 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Tgt Ion:154 Resp: 1863211
 Ion Ratio Lower Upper
 154 100
 153 111.4 88.4 132.6
 152 55.2 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





#53

3-Nitroaniline

Concen: 27.555 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

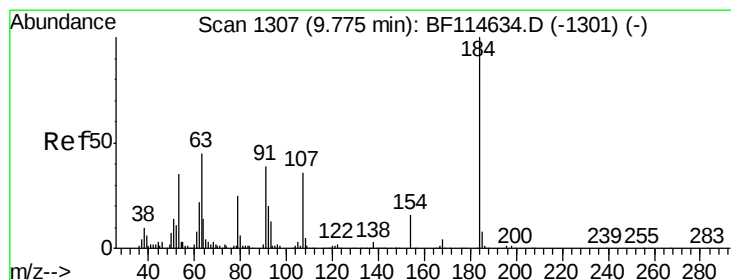
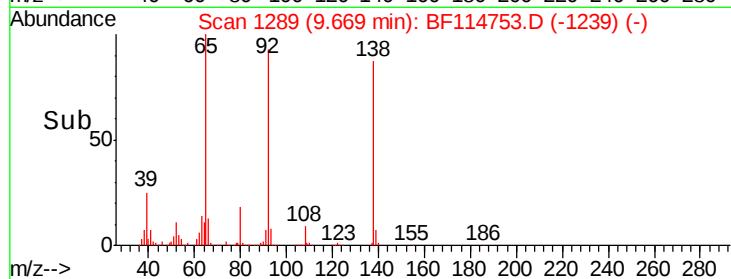
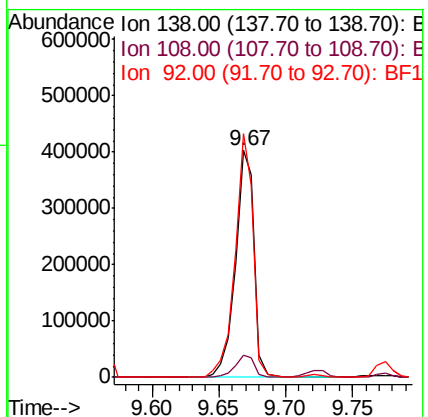
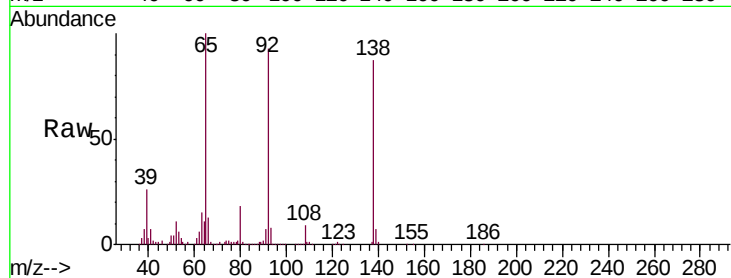
Tgt Ion:138 Resp: 393111

Ion Ratio Lower Upper

138 100

108 9.9 8.3 12.5

92 107.4 83.1 124.7



#54

2,4-Dinitrophenol

Concen: 22.393 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

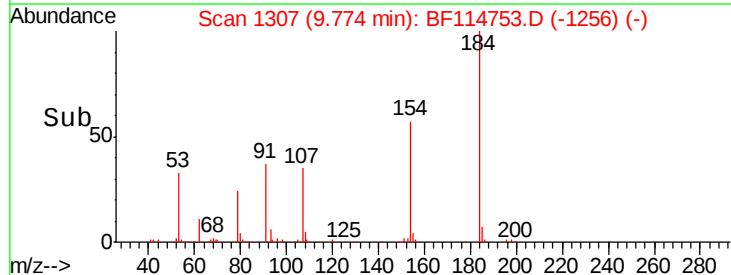
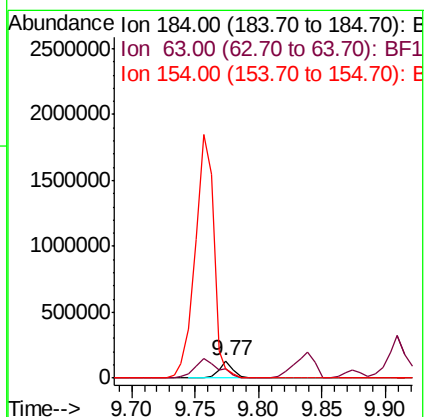
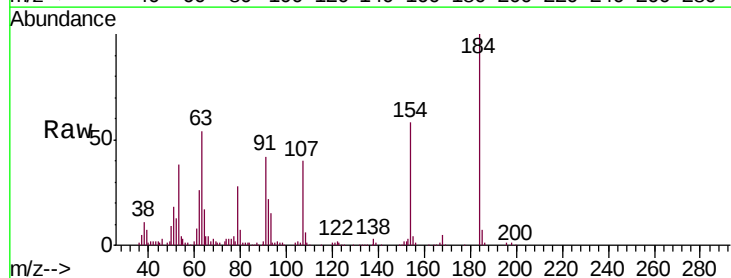
Tgt Ion:184 Resp: 102961

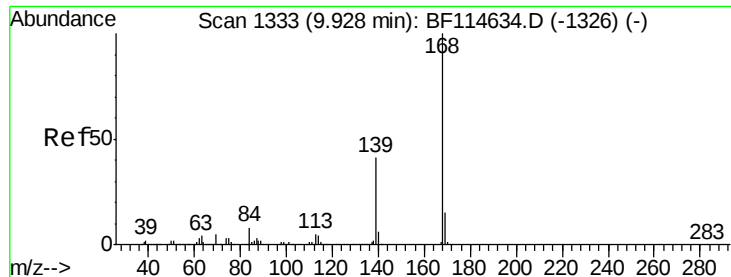
Ion Ratio Lower Upper

184 100

63 54.4 38.8 58.2

154 57.7 43.7 65.5

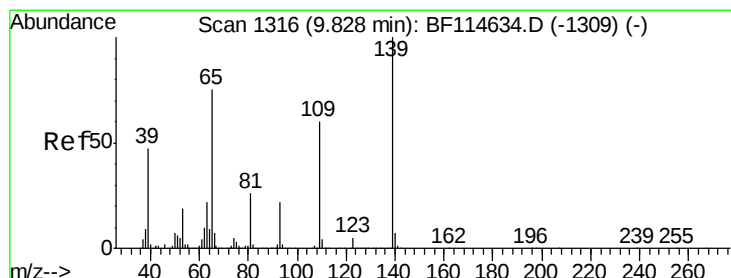
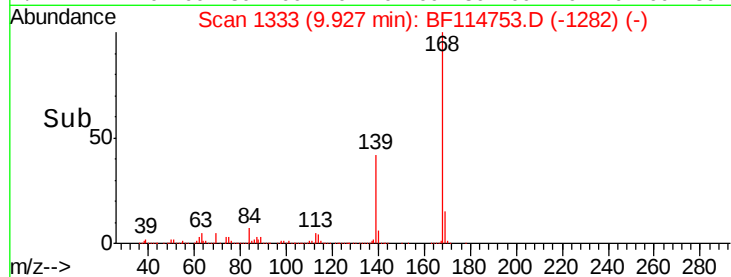
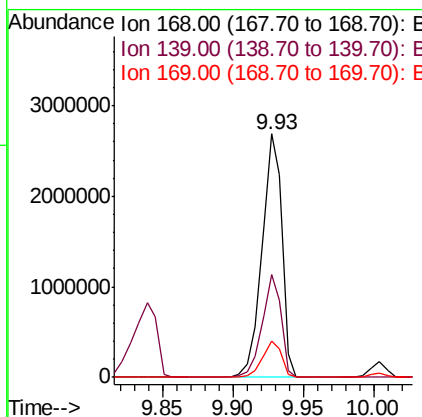
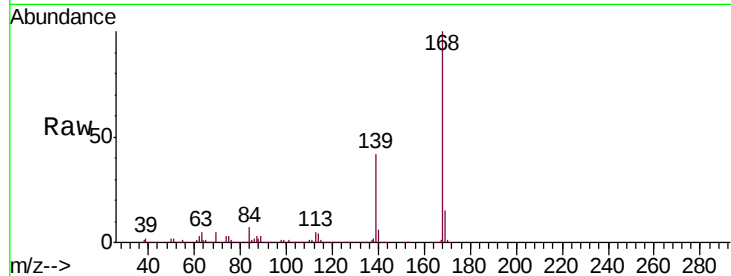




#55
Dibenzenofuran
Concen: 45.429 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

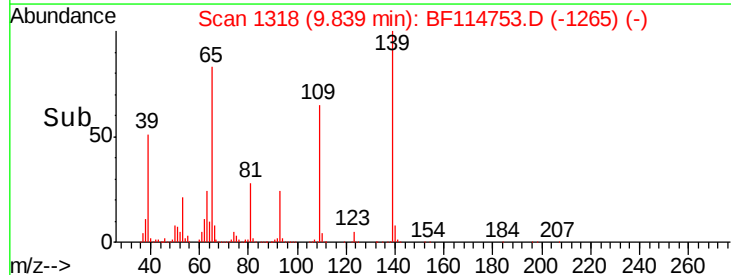
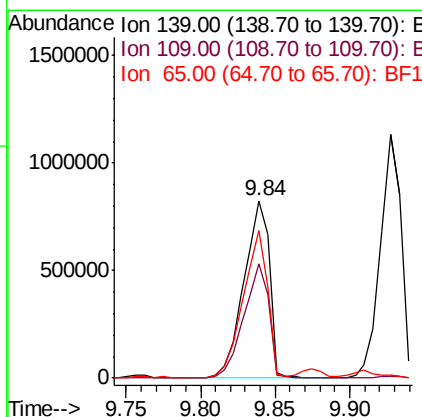
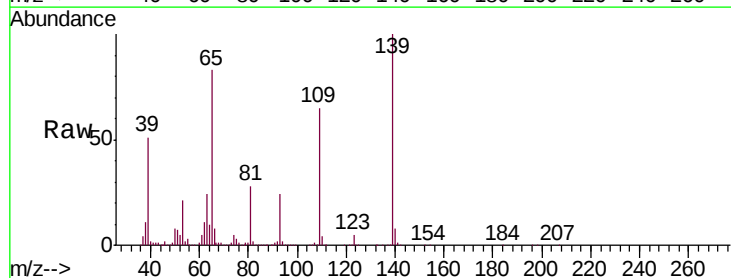
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

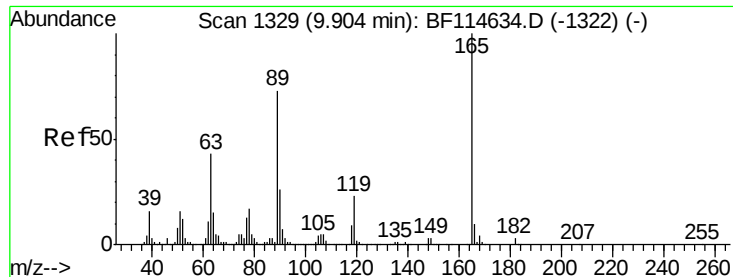
Tgt Ion:168 Resp: 2685781
Ion Ratio Lower Upper
168 100
139 42.1 32.6 48.8
169 15.1 11.8 17.8



#56
4-Nitrophenol
Concen: 92.502 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:139 Resp: 977960
Ion Ratio Lower Upper
139 100
109 64.9 40.4 80.4
65 83.3 54.7 94.7

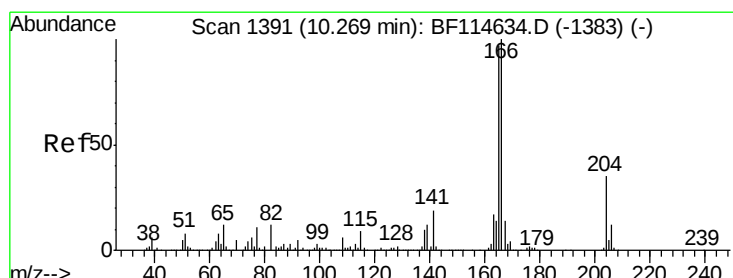
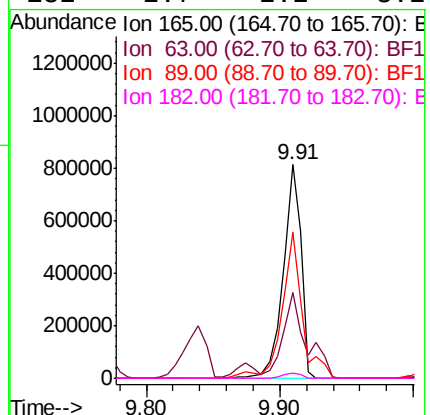
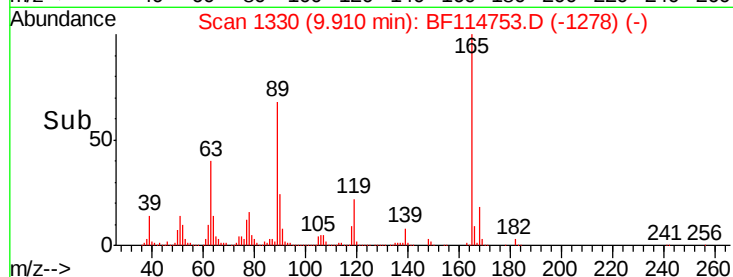
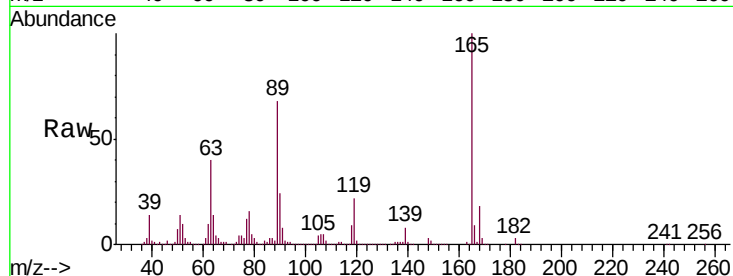




#57
2,4-Dinitrotoluene
Concen: 50.942 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

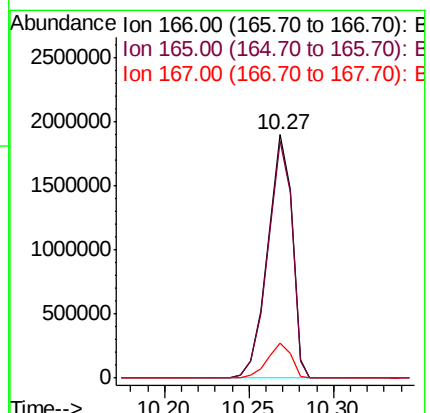
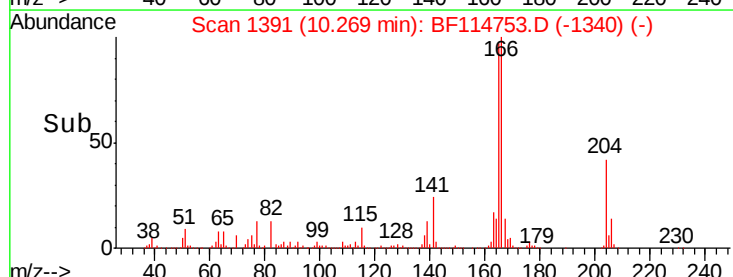
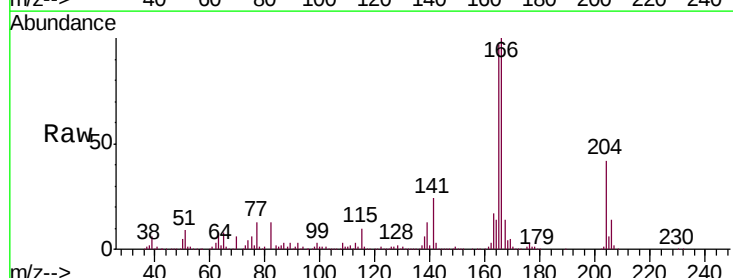
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

Tgt Ion:165 Resp: 762093
Ion Ratio Lower Upper
165 100
63 40.0 34.8 52.2
89 68.5 58.5 87.7
182 2.7 2.2 3.2



#58
Fluorene
Concen: 49.924 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:166 Resp: 1896969
Ion Ratio Lower Upper
166 100
165 97.5 77.6 116.4
167 14.2 11.2 16.8

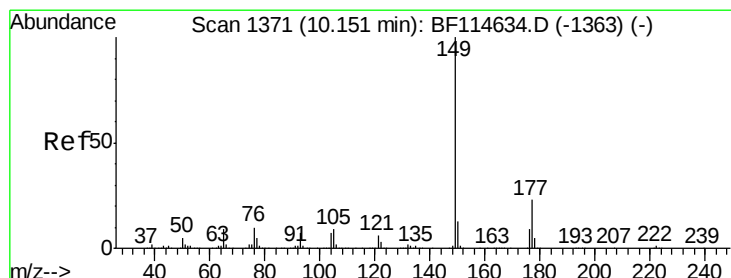
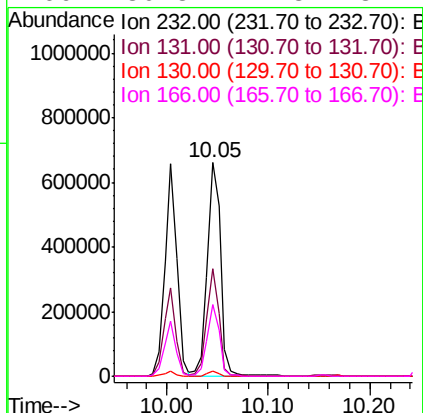
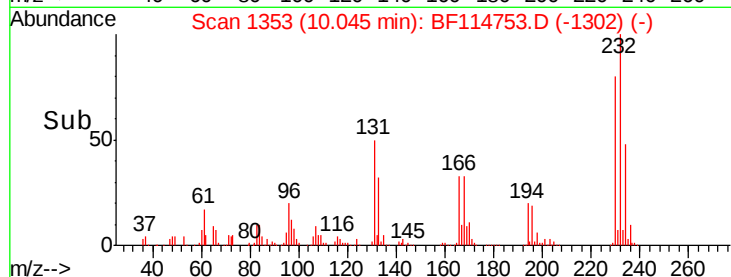
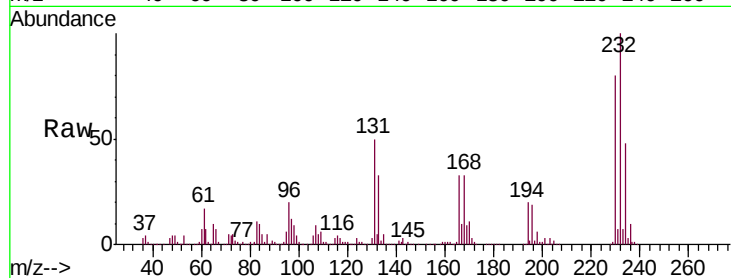




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.530 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

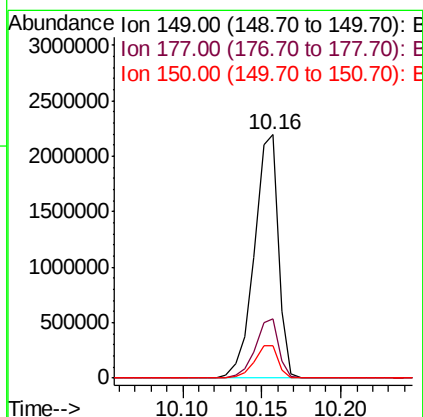
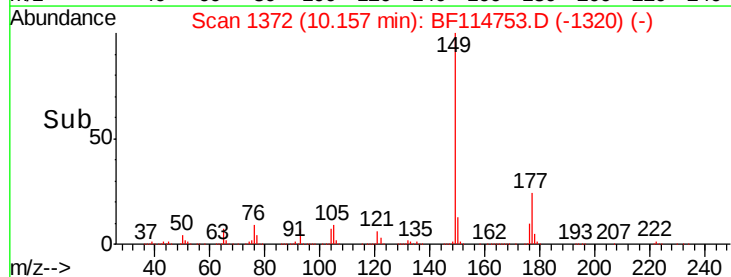
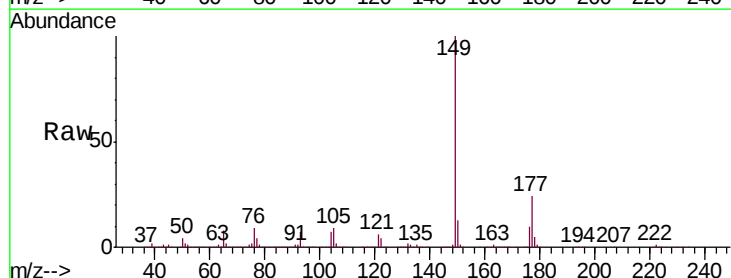
Instrument :
 BNA_F
 ClientSampleId :
 0432-HR-12(HACKENSACK)MSD

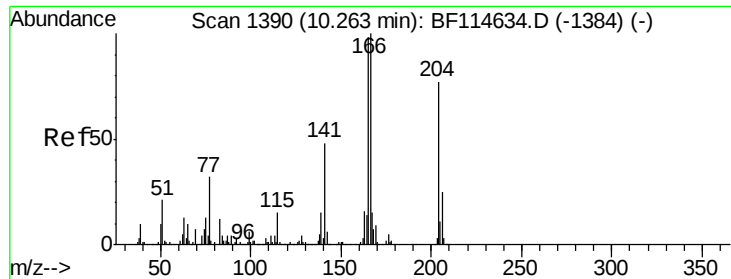
Tgt Ion:	232	Resp:	597976
Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.2	55.8
130	2.3	1.8	2.8
166	30.8	24.8	37.2



#60
 Diethylphthalate
 Concen: 45.309 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Tgt Ion:	149	Resp:	2321461
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.6	28.0
150	13.2	10.6	15.8

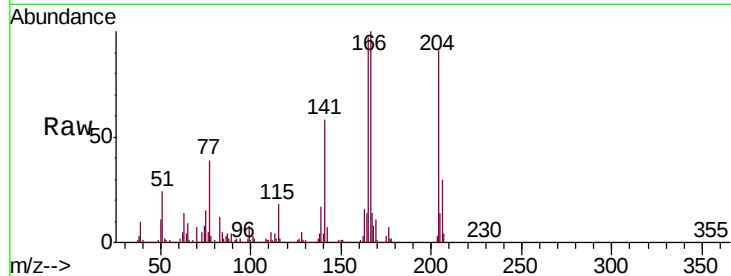




#61
 4-Chlorophenyl-phenylether
 Concen: 48.598 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 0432-HR-12(HACKENSACK)MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.4	39.6
141	63.6	50.0	75.0

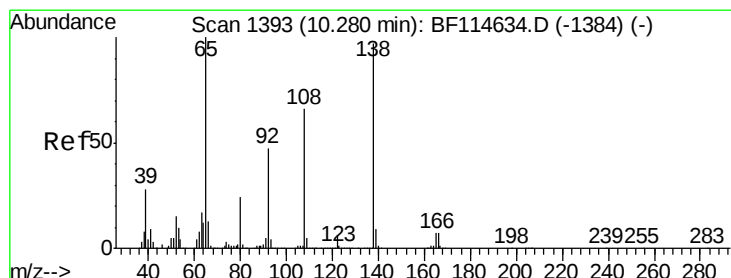
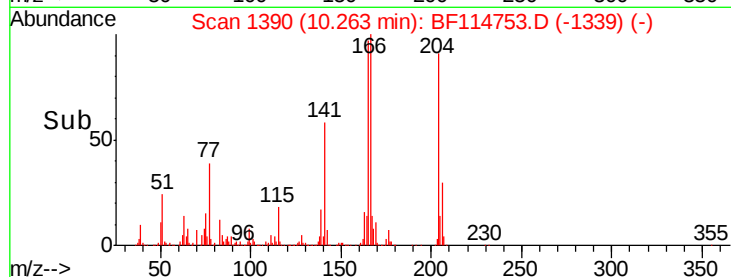
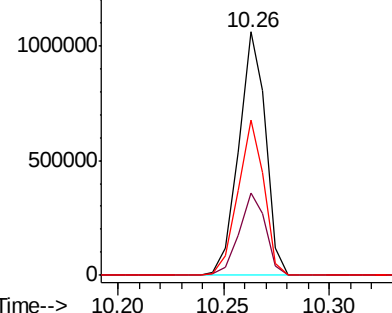


Abundance

Ion 204.00 (203.70 to 204.70): E

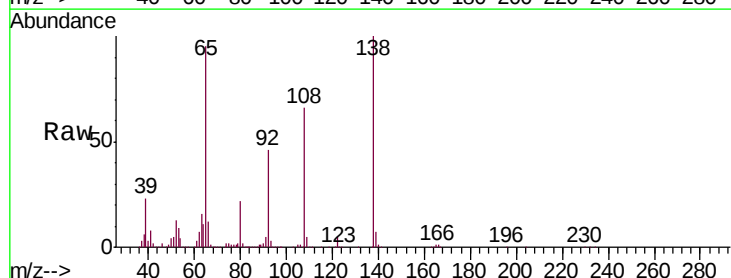
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 44.814 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF114753.D
 Acq: 1 Jun 2019 13:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	28.0	68.0
108	65.7	48.4	88.4

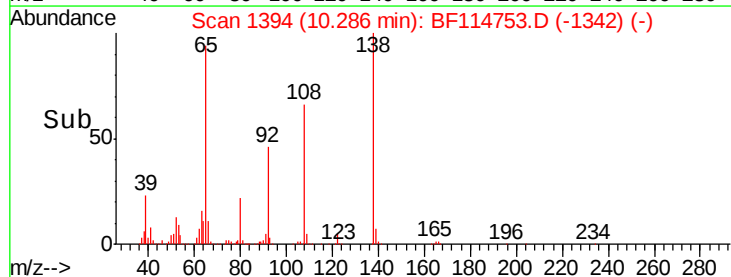
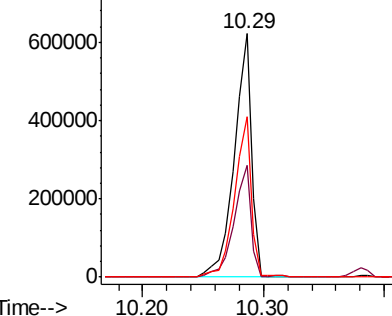


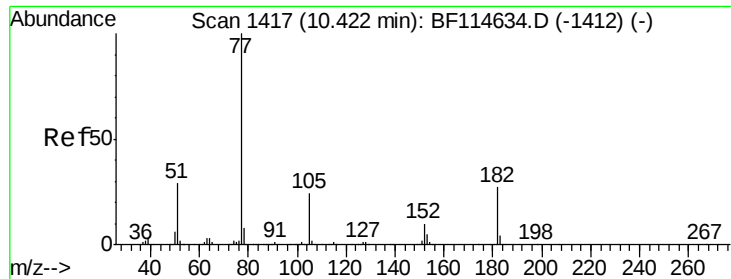
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

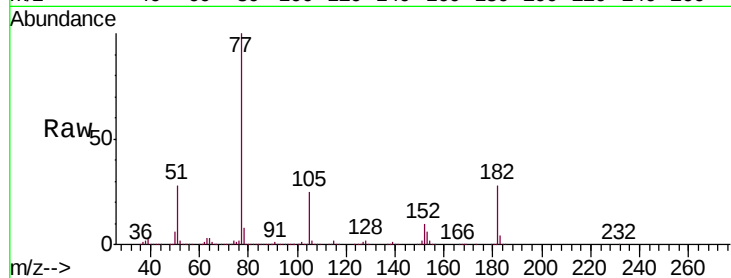




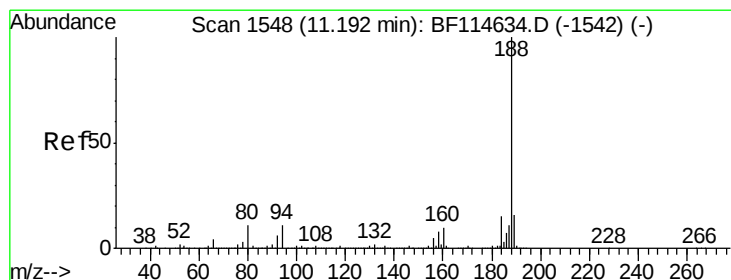
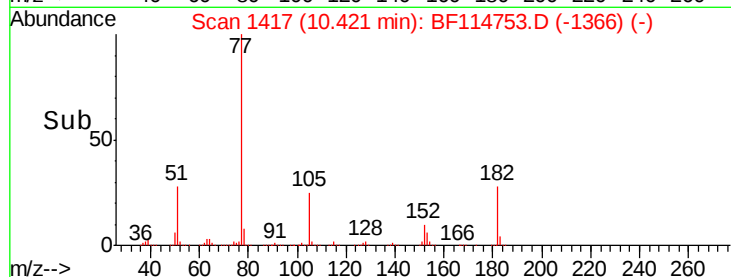
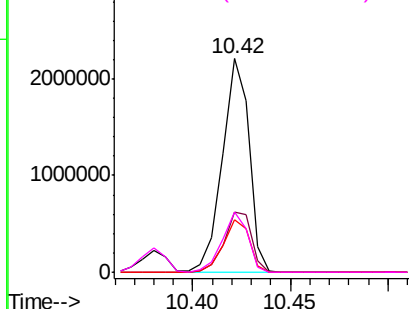
#63
Azobenzene
Concen: 44.449 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

Tgt Ion: 77 Resp: 2090918
Ion Ratio Lower Upper
77 100
182 28.2 7.0 47.0
105 24.6 3.7 43.7
51 28.2 9.1 49.1

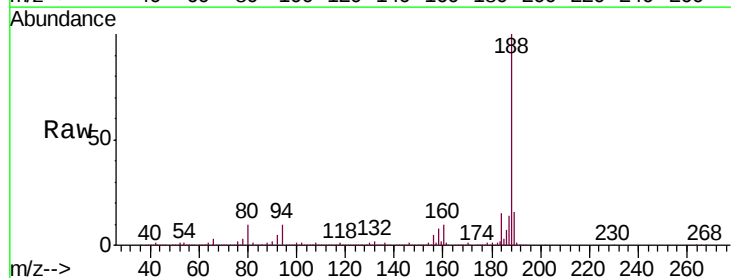


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

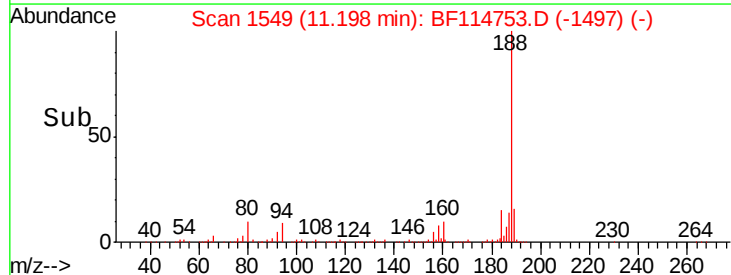
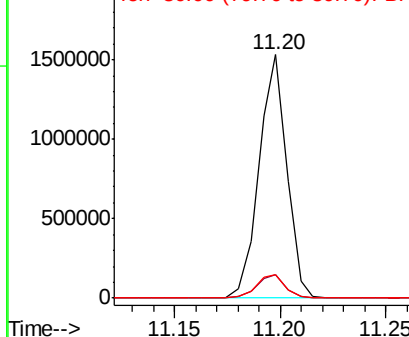


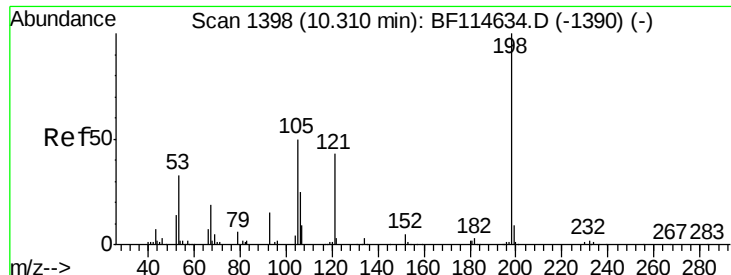
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion: 188 Resp: 1398361
Ion Ratio Lower Upper
188 100
94 9.5 8.6 13.0
80 9.6 9.0 13.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 27.573 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

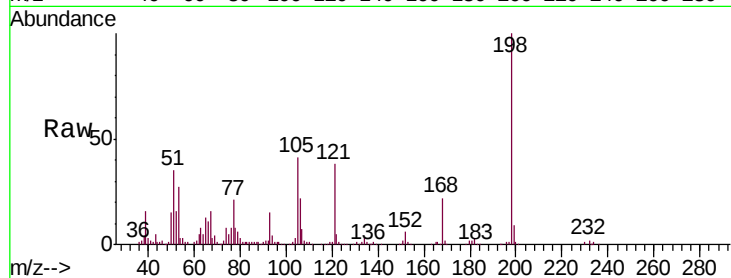
Tgt Ion:198 Resp: 170965

Ion Ratio Lower Upper

198 100

51 34.6 29.0 69.0

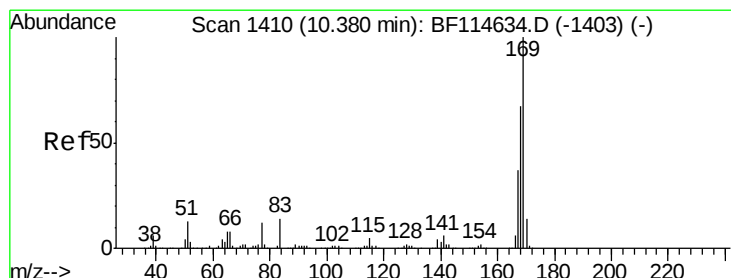
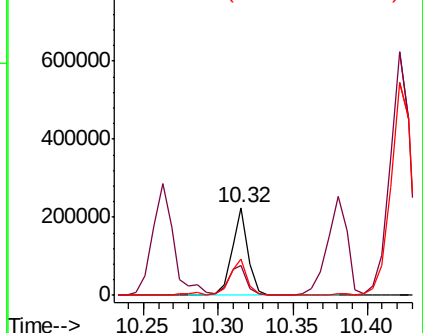
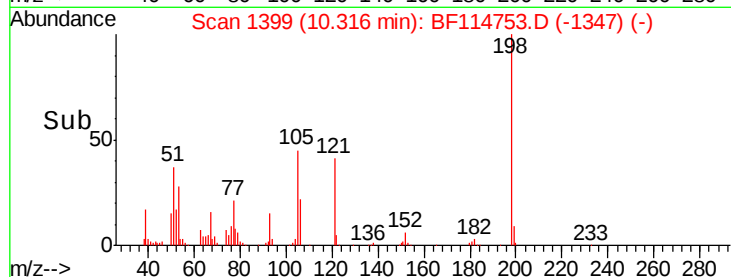
105 41.2 30.4 70.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.548 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

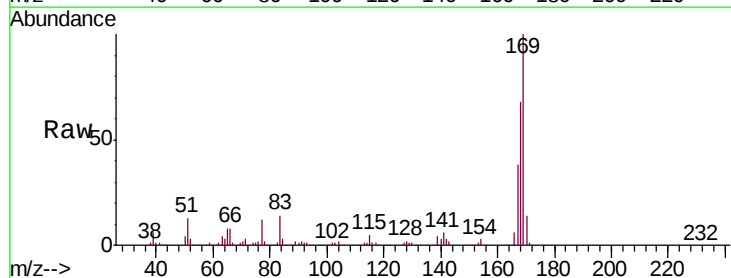
Tgt Ion:169 Resp: 1923138

Ion Ratio Lower Upper

169 100

168 68.2 53.8 80.8

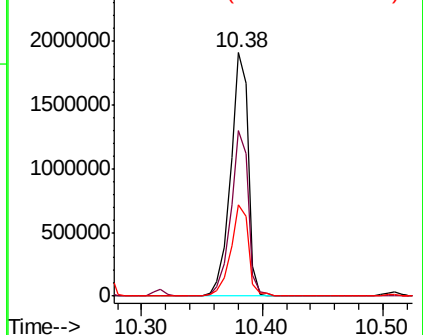
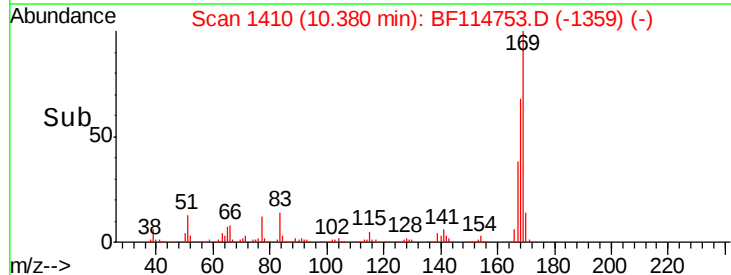
167 37.7 29.8 44.6

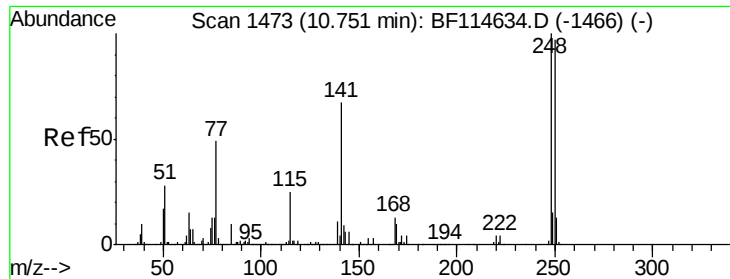


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

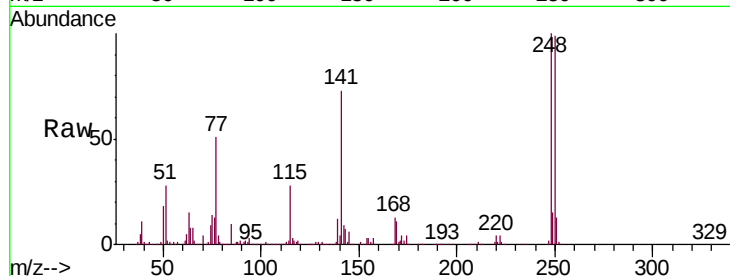




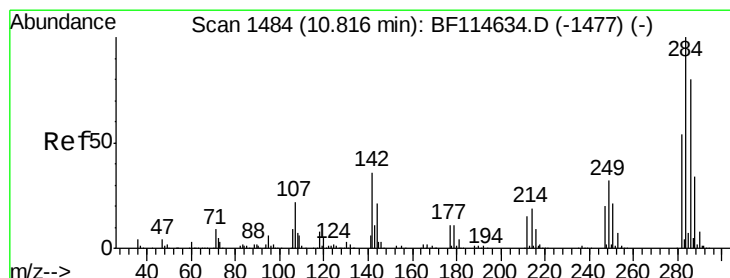
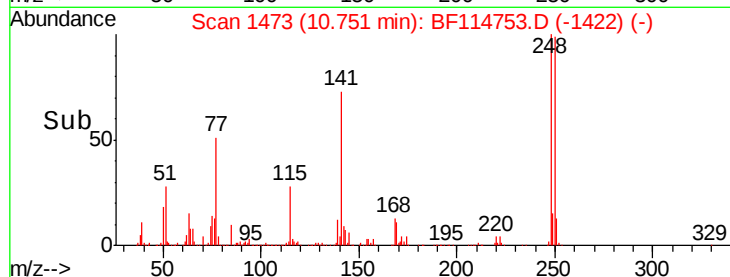
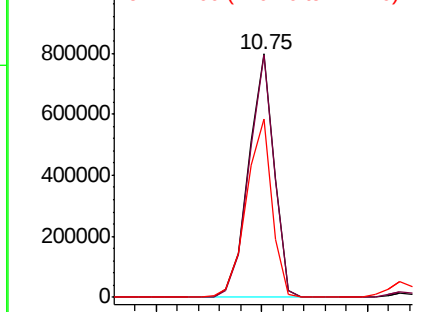
#67
4-Bromophenyl-phenylether
Concen: 44.722 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

Tgt Ion:248 Resp: 670630
Ion Ratio Lower Upper
248 100
250 99.4 78.0 117.0
141 73.0 53.8 80.8

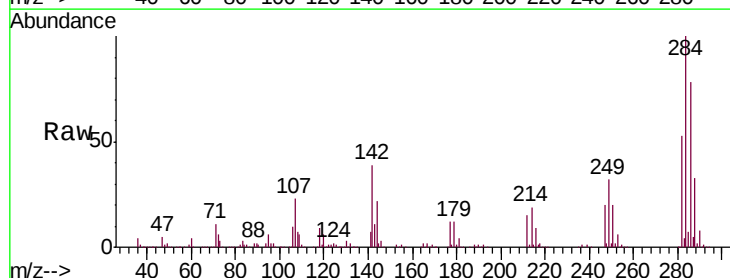


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

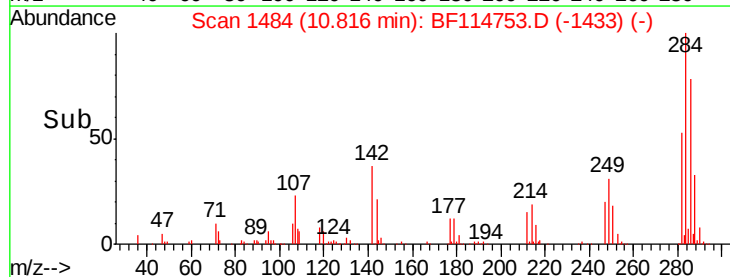
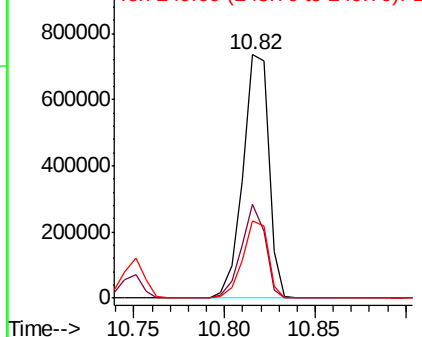


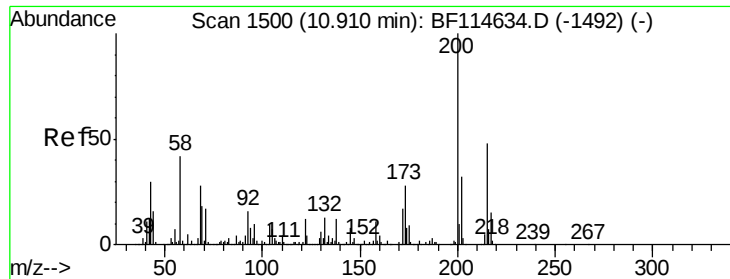
#68
Hexachlorobenzene
Concen: 45.026 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:284 Resp: 731322
Ion Ratio Lower Upper
284 100
142 38.8 28.9 43.3
249 32.0 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

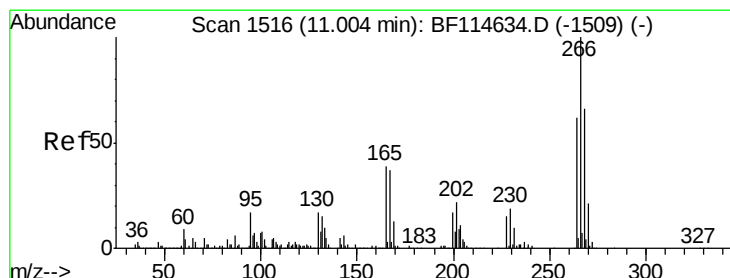
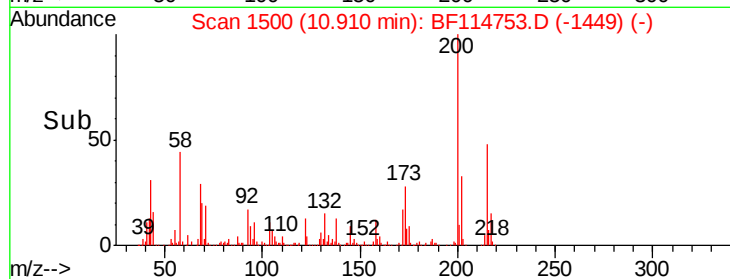
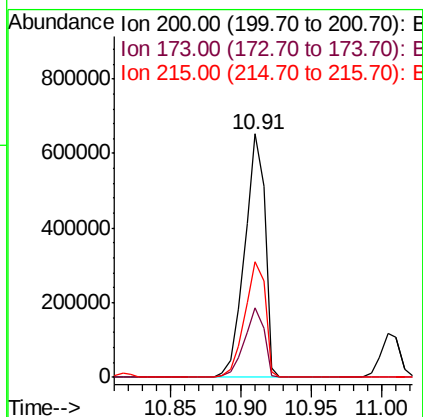
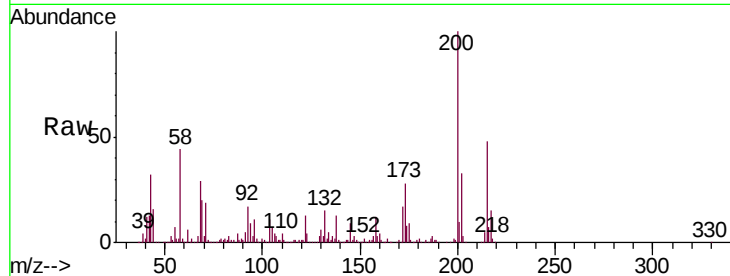




#69
Atrazine
Concen: 53.843 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

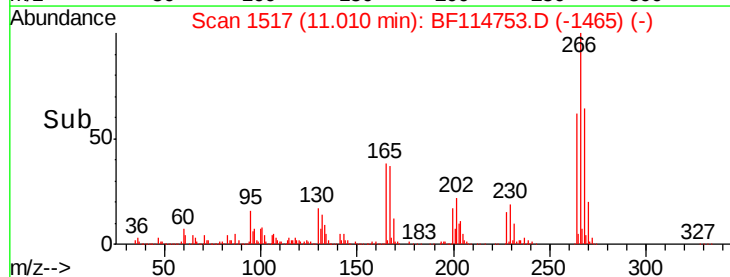
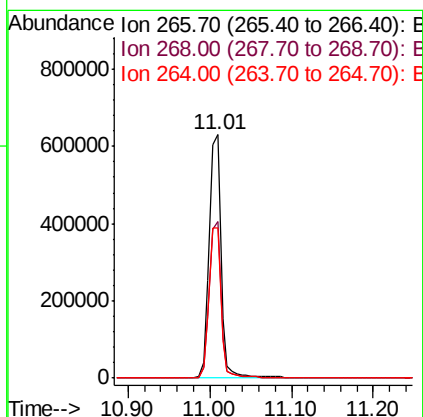
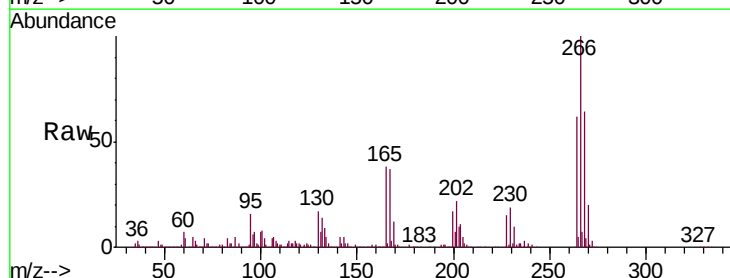
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

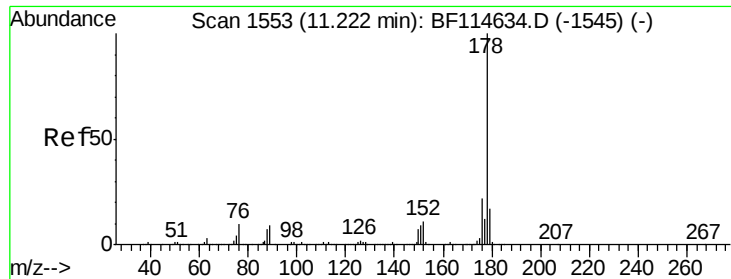
Tgt Ion:200 Resp: 653998
Ion Ratio Lower Upper
200 100
173 28.4 7.9 47.9
215 47.6 27.8 67.8



#70
Pentachlorophenol
Concen: 68.102 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:266 Resp: 637617
Ion Ratio Lower Upper
266 100
268 64.3 52.8 79.2
264 61.7 49.9 74.9





#71

Phenanthrene

Concen: 42.476 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

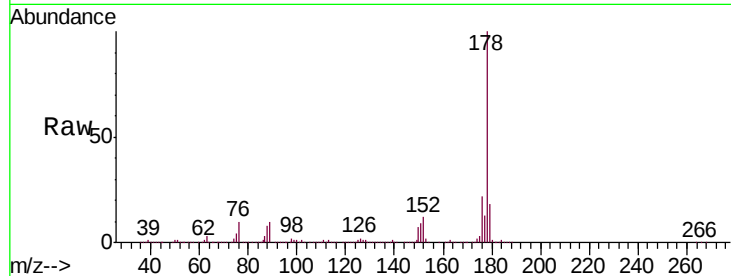
Tgt Ion:178 Resp: 3029906

Ion Ratio Lower Upper

178 100

176 22.2 17.2 25.8

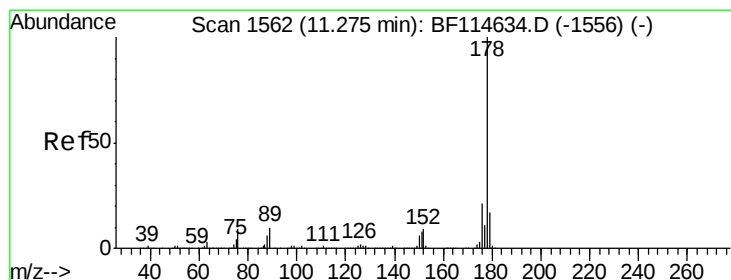
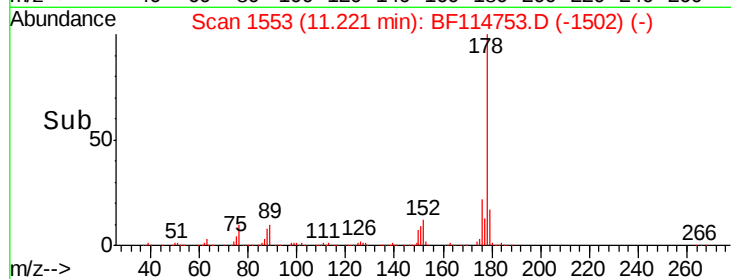
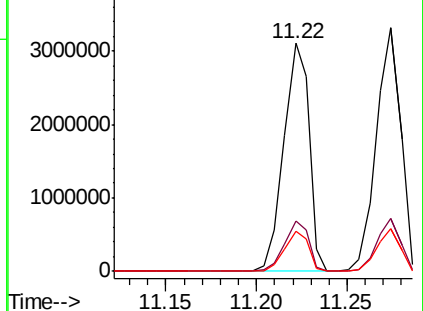
179 17.6 13.9 20.9



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: 43.167 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

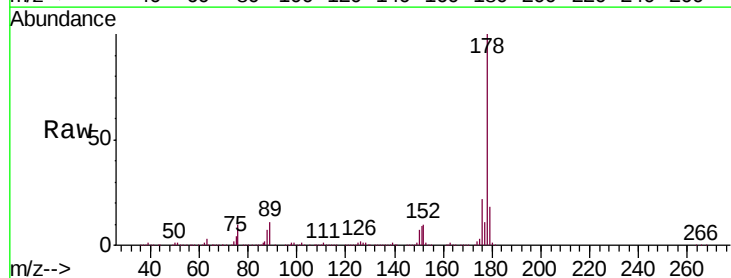
Tgt Ion:178 Resp: 3116441

Ion Ratio Lower Upper

178 100

176 21.5 16.6 24.8

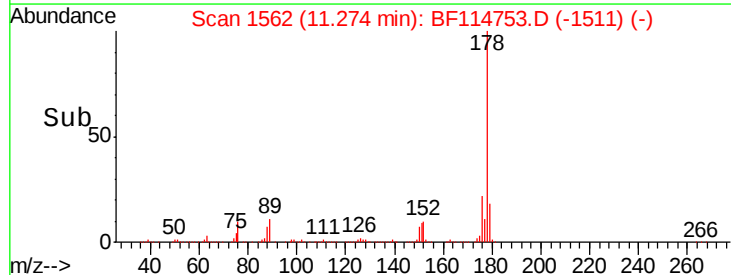
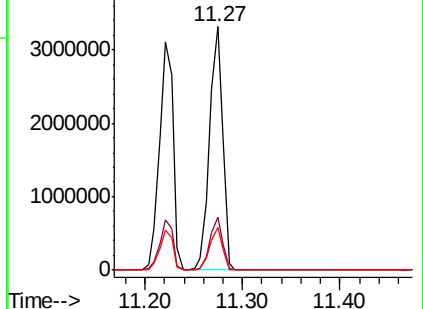
179 17.8 13.4 20.0

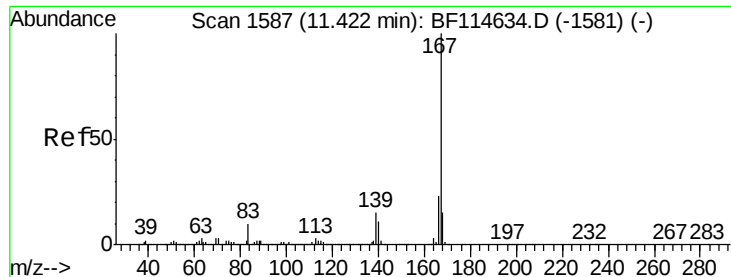


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.534 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

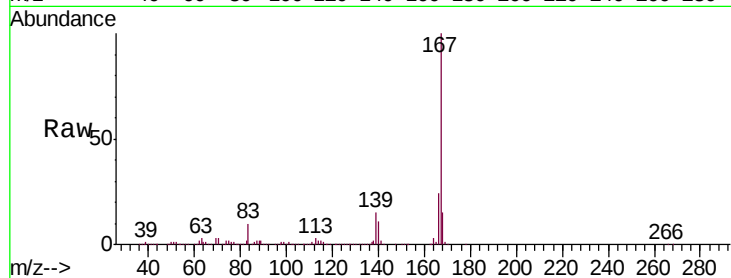
Tgt Ion:167 Resp: 2825715

Ion Ratio Lower Upper

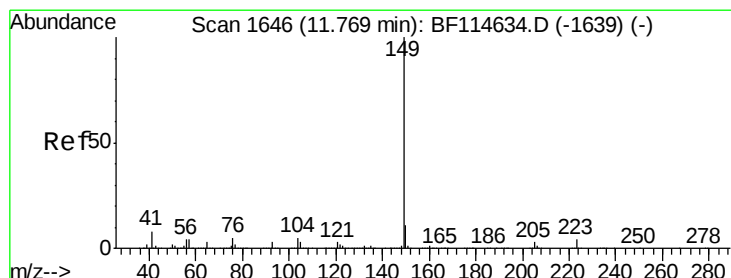
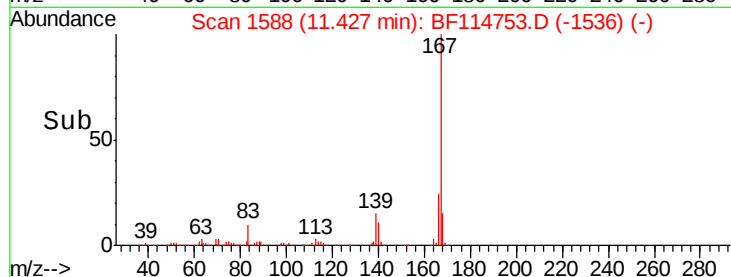
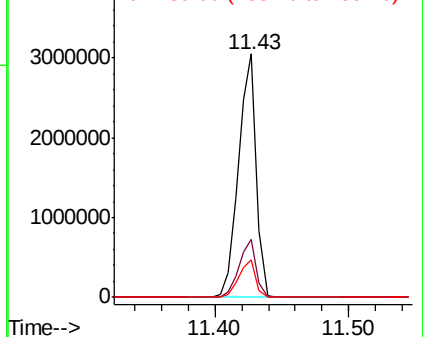
167 100

166 24.0 18.7 28.1

139 15.3 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.999 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

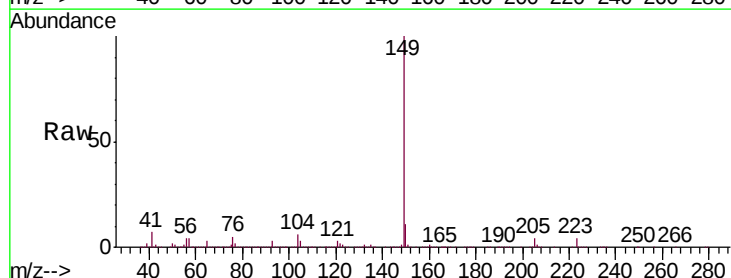
Tgt Ion:149 Resp: 3330590

Ion Ratio Lower Upper

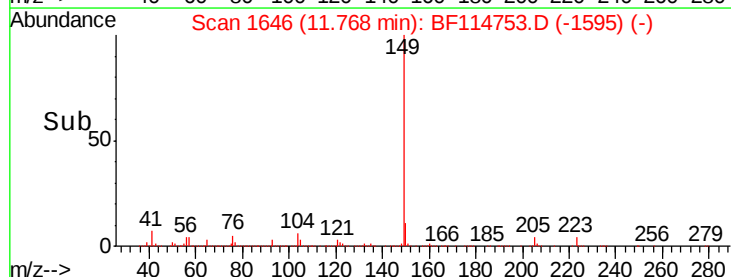
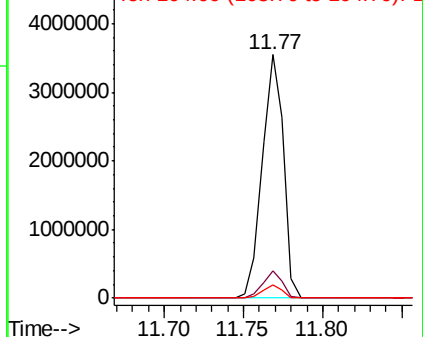
149 100

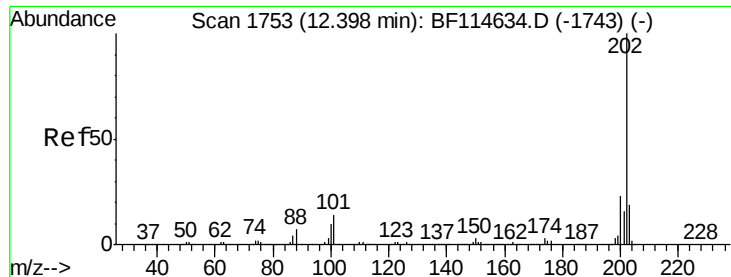
150 11.0 8.6 12.8

104 5.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.152 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

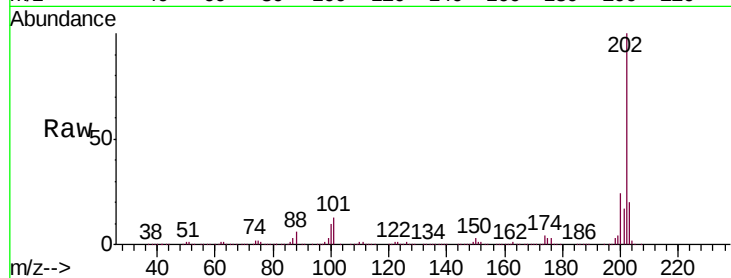
Tgt Ion:202 Resp: 3039577

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.9

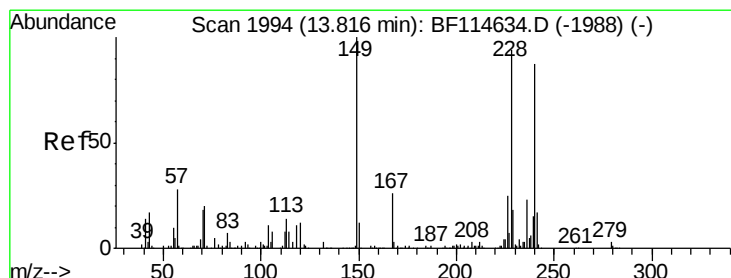
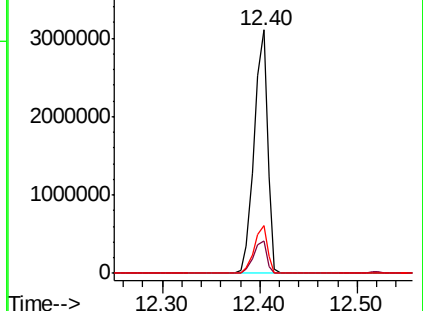
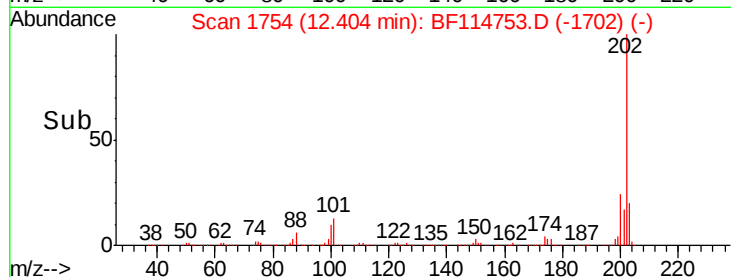
203 19.9 0.0 39.1



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: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

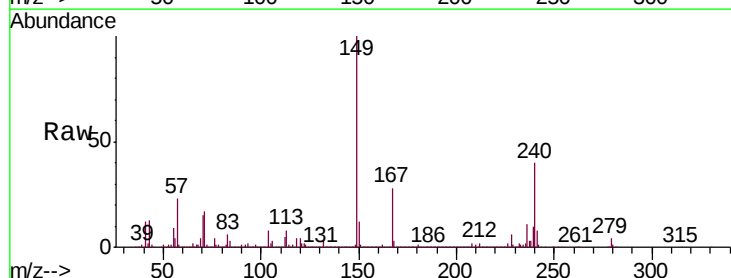
Tgt Ion:240 Resp: 724036

Ion Ratio Lower Upper

240 100

120 10.2 11.2 16.8#

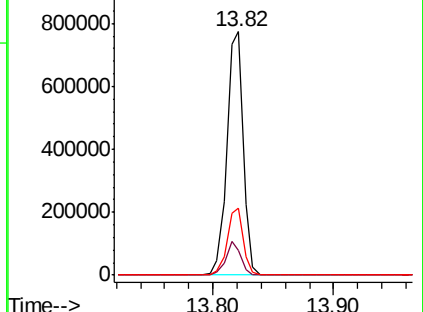
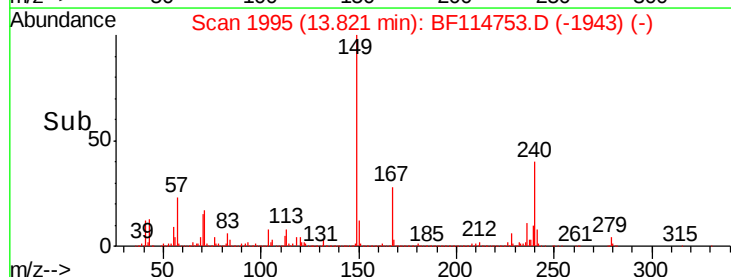
236 27.3 21.2 31.8

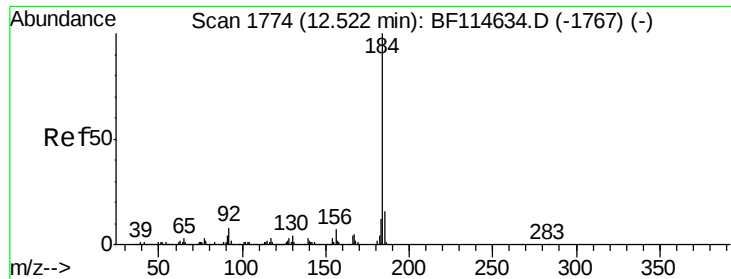


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.708 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

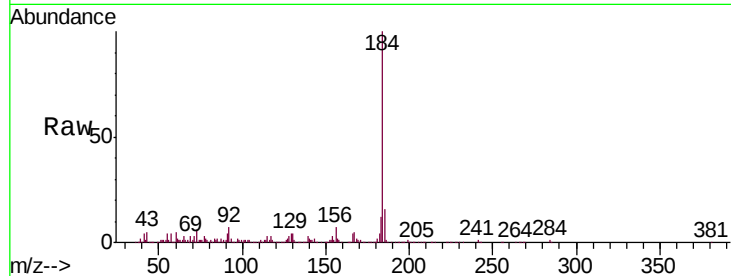
Tgt Ion:184 Resp: 1213692

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

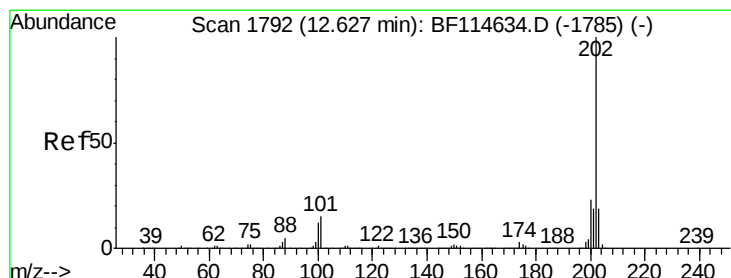
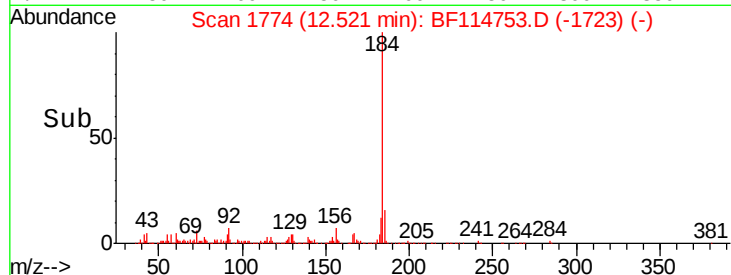
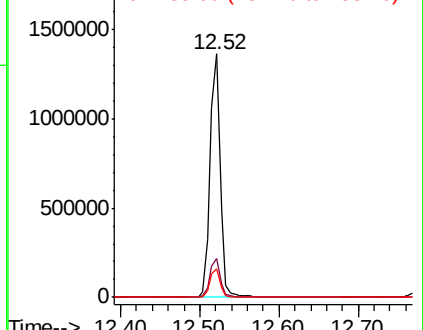
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.928 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

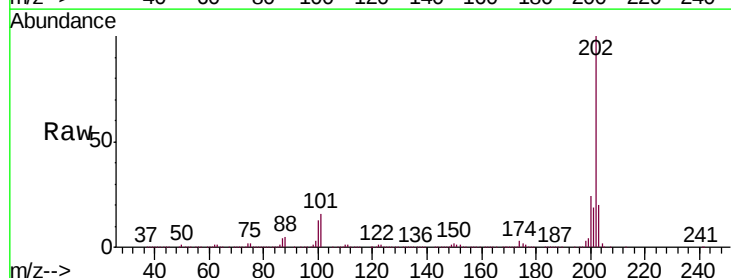
Tgt Ion:202 Resp: 3057980

Ion Ratio Lower Upper

202 100

200 24.1 18.6 28.0

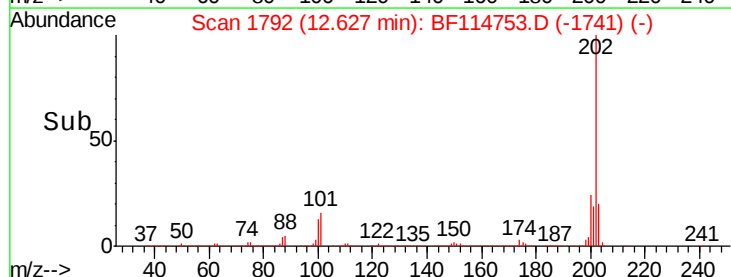
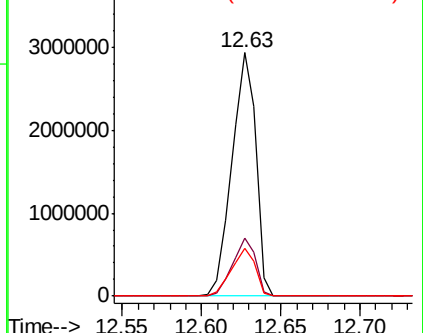
203 19.7 15.4 23.2

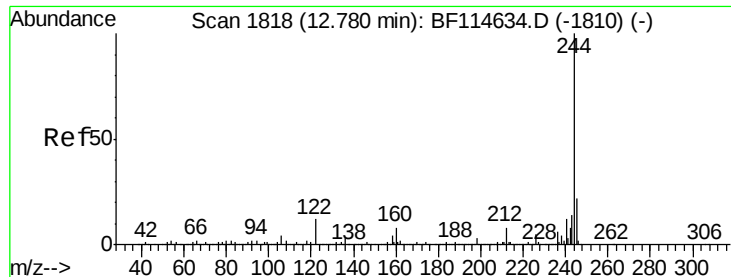


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.865 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

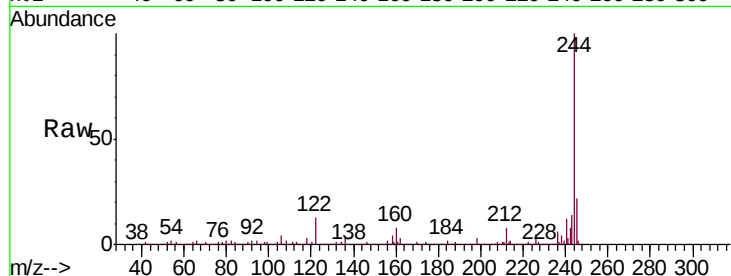
Tgt Ion:244 Resp: 3691696

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

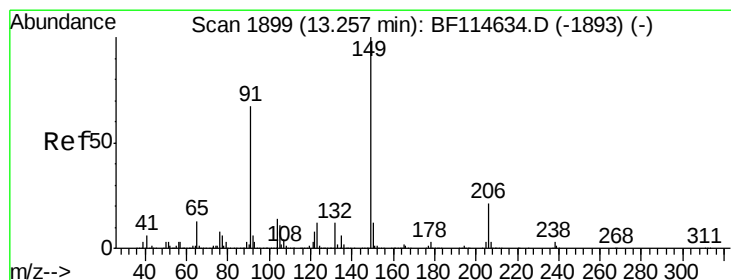
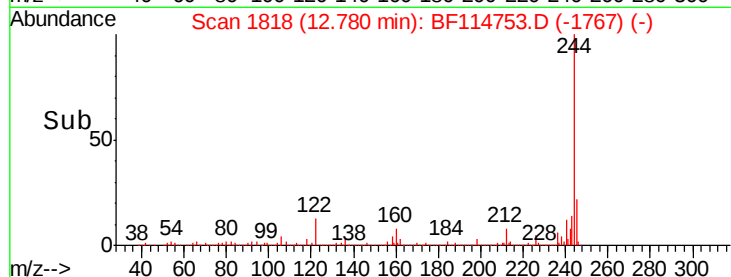
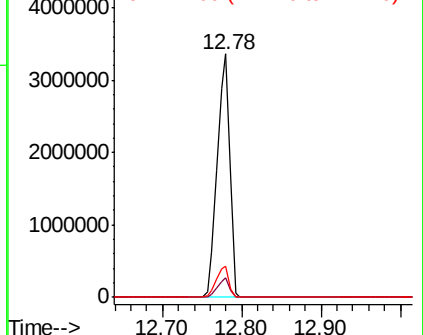
122 12.9 9.8 14.8



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



#80

Butylbenzylphthalate

Concen: 48.305 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

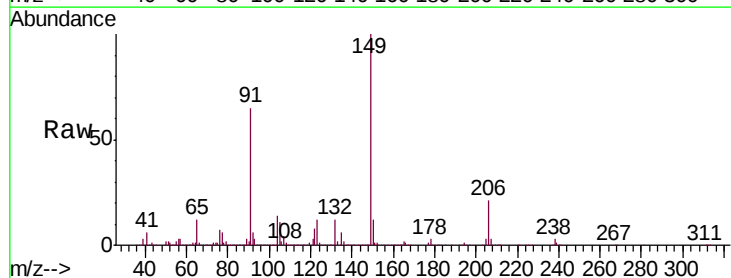
Tgt Ion:149 Resp: 1486862

Ion Ratio Lower Upper

149 100

91 64.9 53.8 80.8

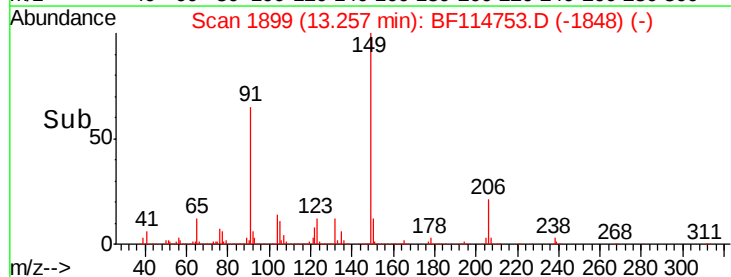
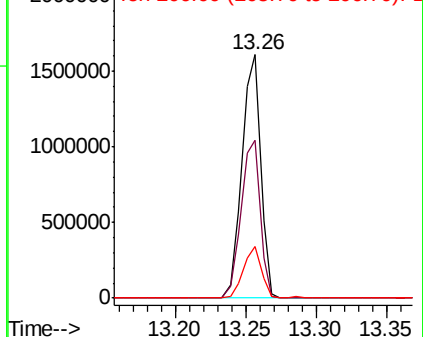
206 21.2 16.9 25.3

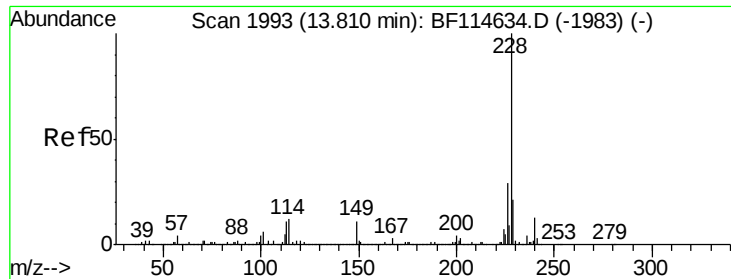


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.852 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

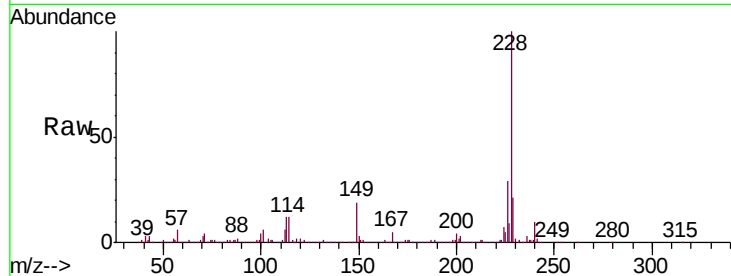
Tgt Ion:228 Resp: 2384240

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.6

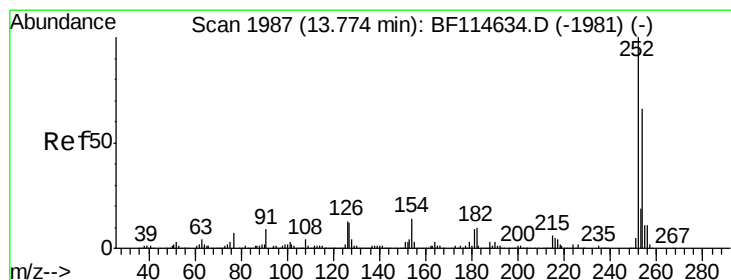
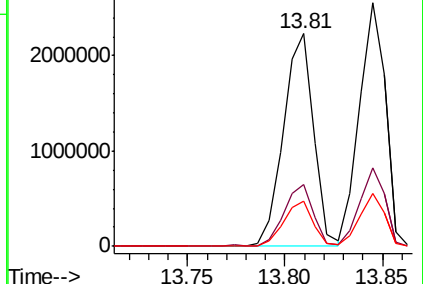
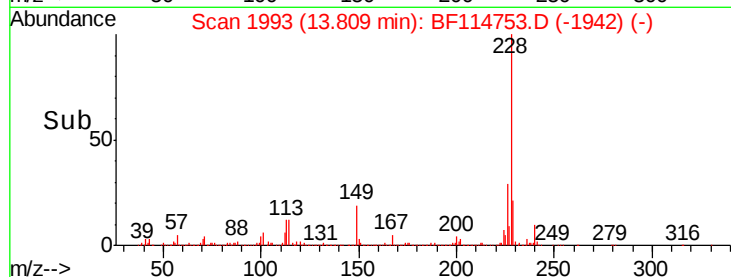
229 21.0 17.0 25.4



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: 29.645 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

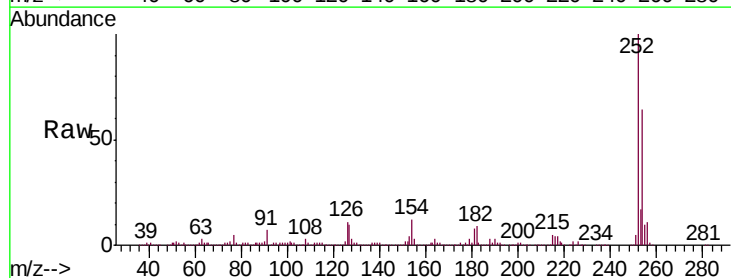
Tgt Ion:252 Resp: 636993

Ion Ratio Lower Upper

252 100

254 63.6 53.1 79.7

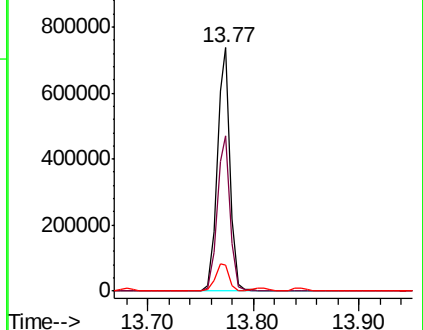
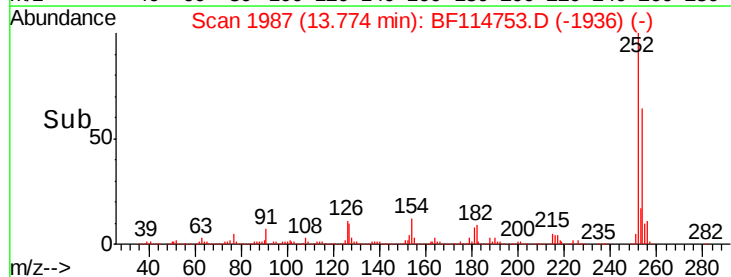
126 10.7 10.2 15.2

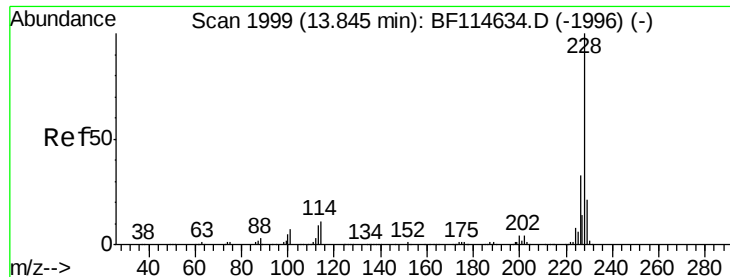


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.679 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

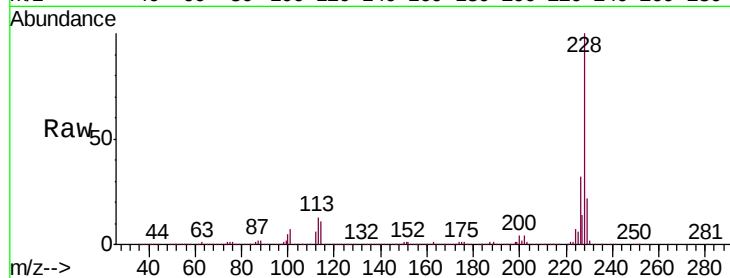
BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

Tgt Ion:228 Resp: 2375103

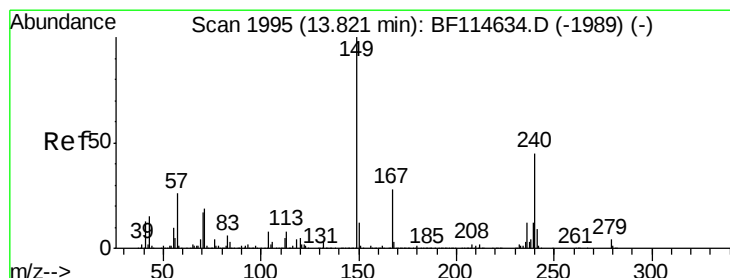
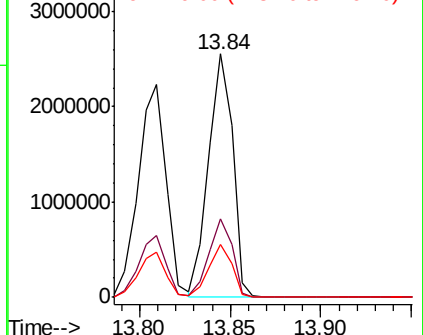
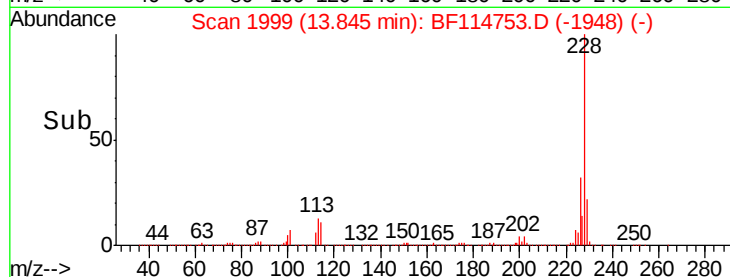
Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.4	39.6
229	21.8	17.1	25.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.637 ng

RT: 13.82 min Scan# 1995

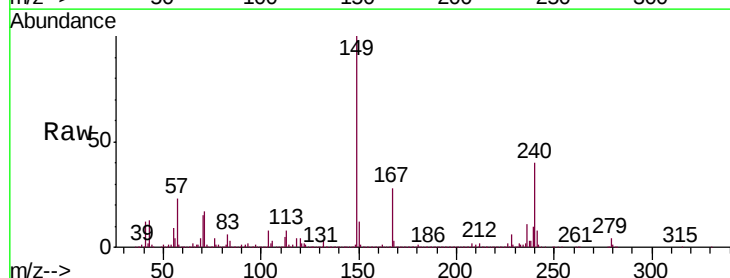
Delta R.T. -0.00 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Tgt Ion:149 Resp: 1774716

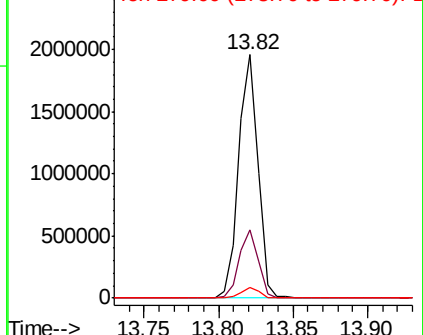
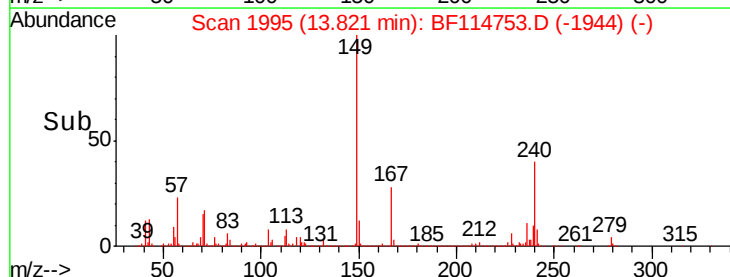
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.6	33.8
279	4.3	3.0	4.4

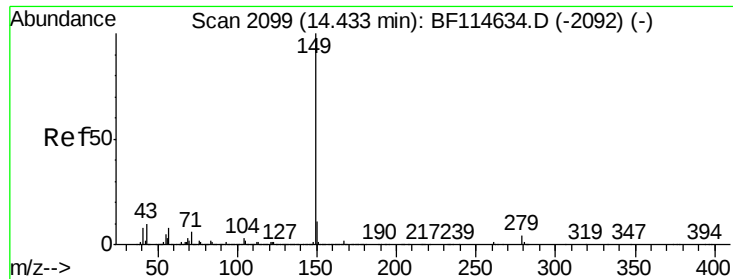


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

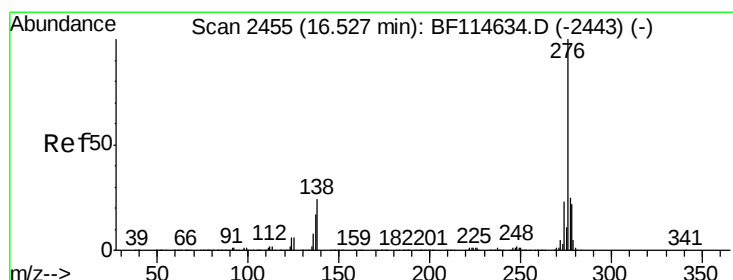
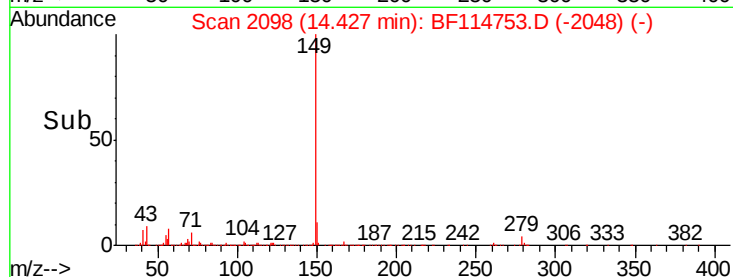
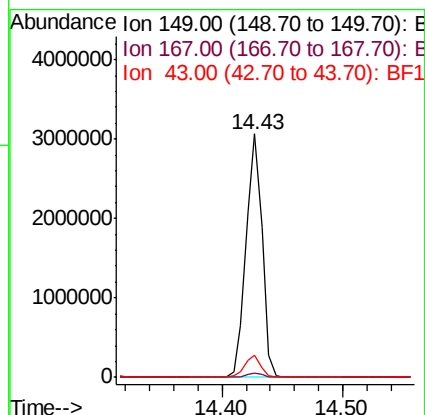
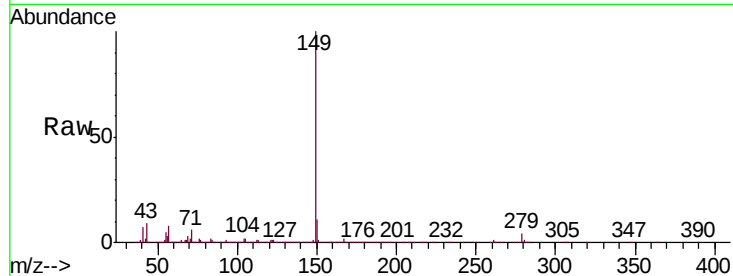




#85
Di-n-octyl phthalate
Concen: 43.139 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

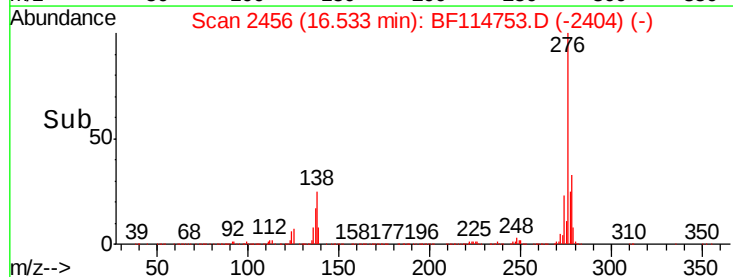
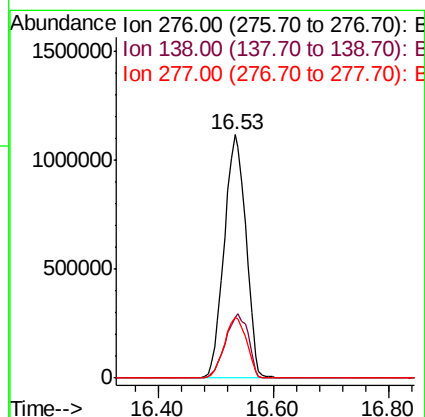
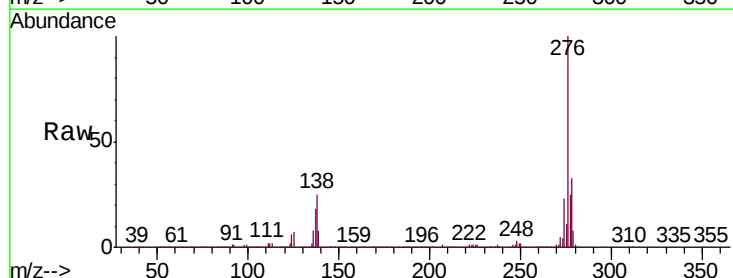
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

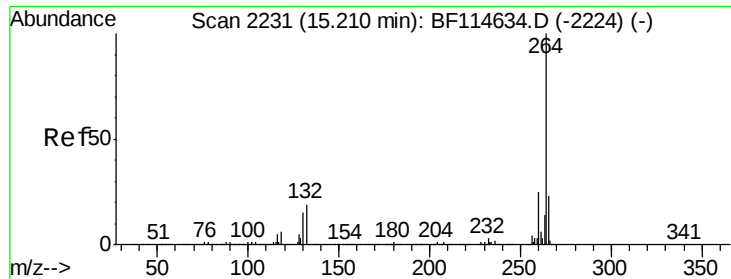
Tgt Ion:149 Resp: 2852273
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 8.0 12.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 54.787 ng
RT: 16.53 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:276 Resp: 2916941
Ion Ratio Lower Upper
276 100
138 28.0 23.0 34.6
277 25.6 20.5 30.7

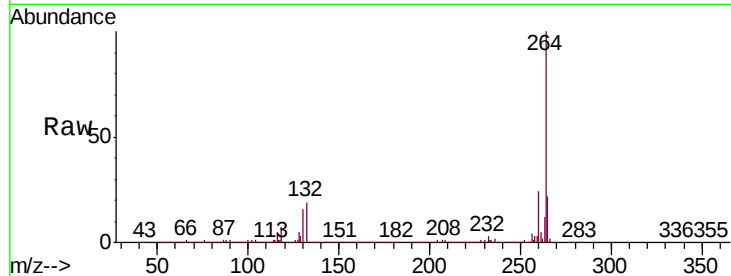




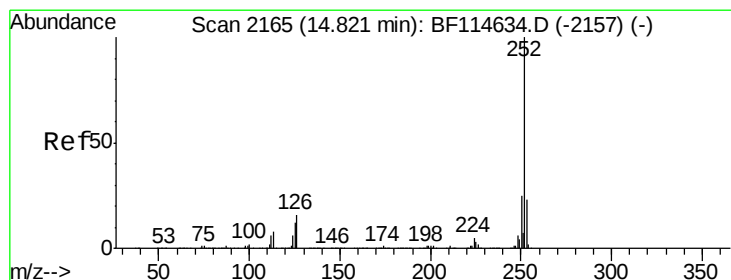
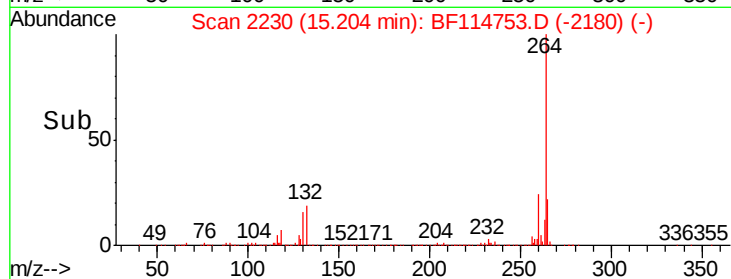
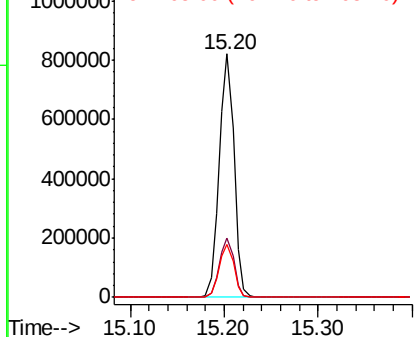
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

Tgt Ion:264 Resp: 913404
Ion Ratio Lower Upper
264 100
260 24.3 19.7 29.5
265 21.7 18.1 27.1

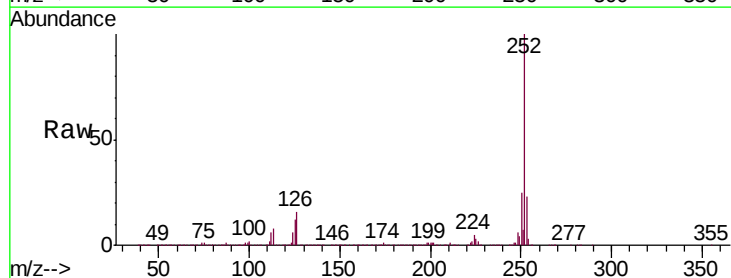


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

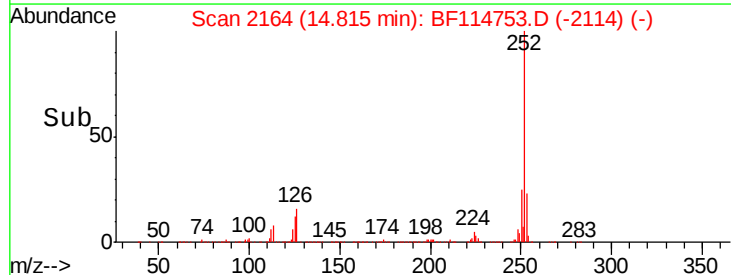
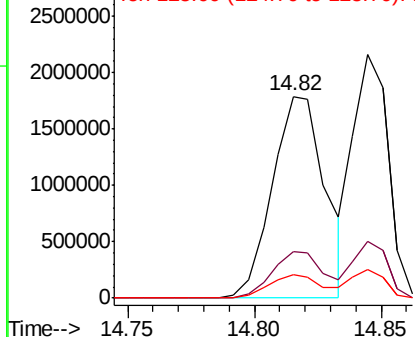


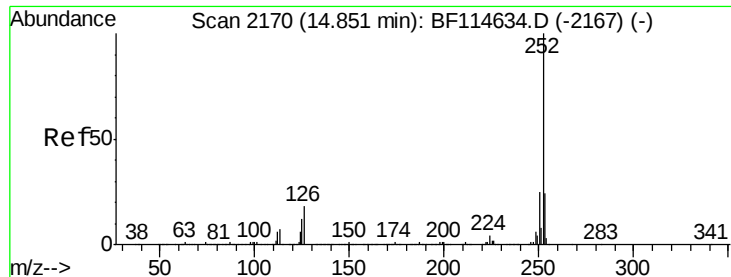
#88
Benzo(b)fluoranthene
Concen: 45.166 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:252 Resp: 2598409
Ion Ratio Lower Upper
252 100
253 23.3 18.7 28.1
125 11.9 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

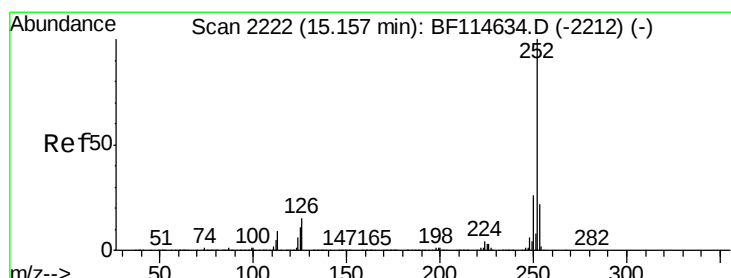
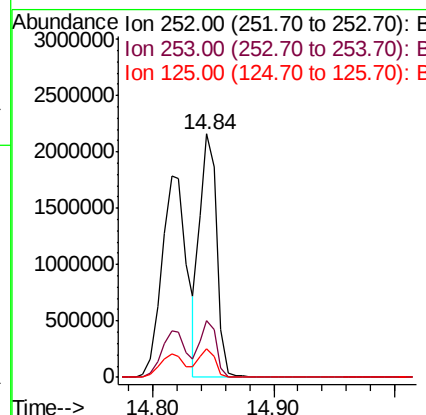
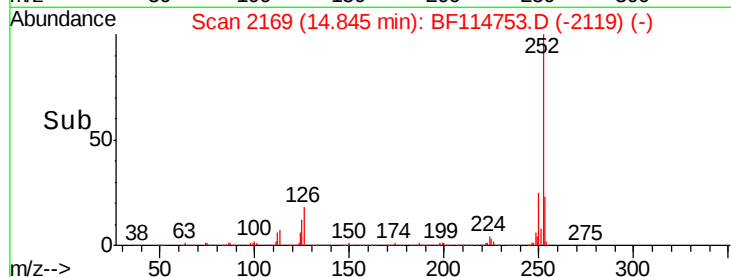
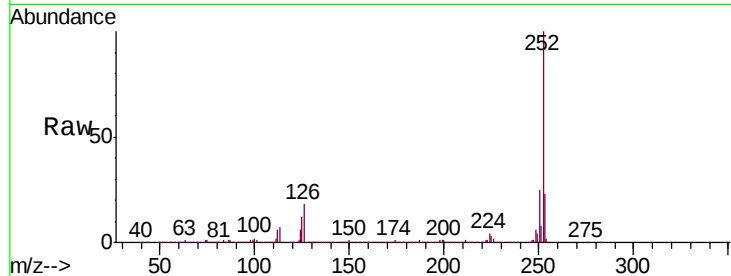




#89
Benzo(k)fluoranthene
Concen: 42.195 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

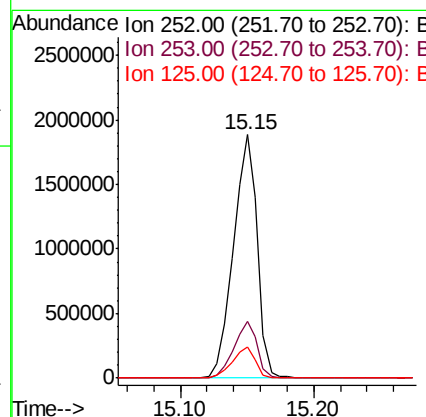
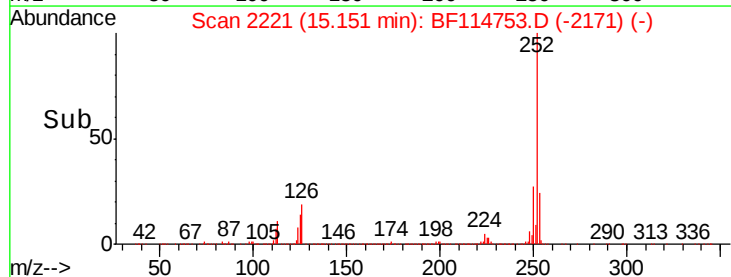
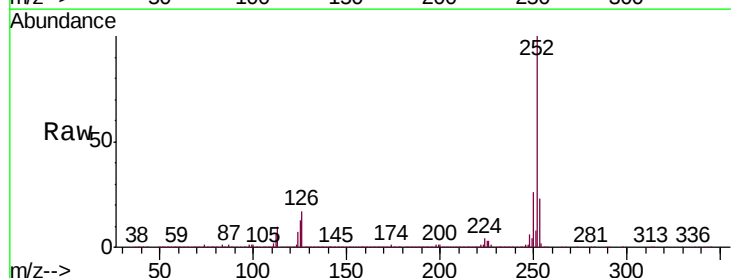
Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MSD

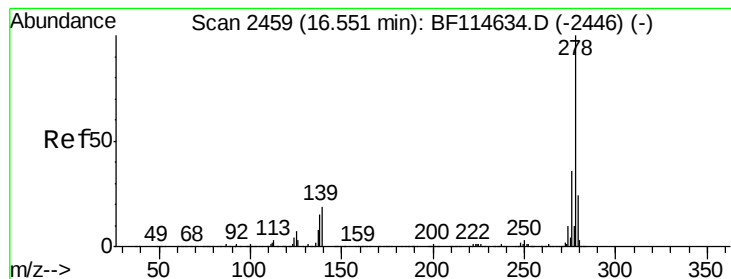
Tgt Ion:252 Resp: 2109887
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 12.0 9.5 14.3



#90
Benzo(a)pyrene
Concen: 46.569 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF114753.D
Acq: 1 Jun 2019 13:32

Tgt Ion:252 Resp: 2353550
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 12.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 53.387 ng

RT: 16.56 min Scan# 2460

Delta R.T. 0.01 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

Instrument :

BNA_F

ClientSampleId :

0432-HR-12(HACKENSACK)MSD

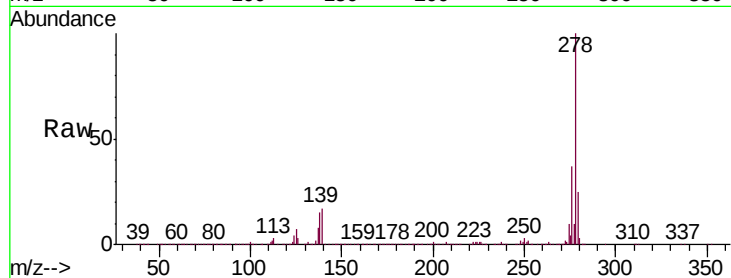
Tgt Ion:278 Resp: 2384249

Ion Ratio Lower Upper

278 100

139 17.3 14.9 22.3

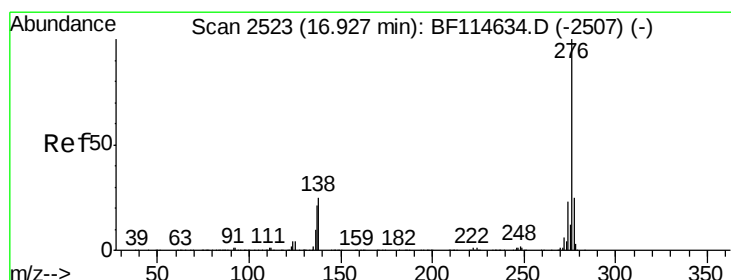
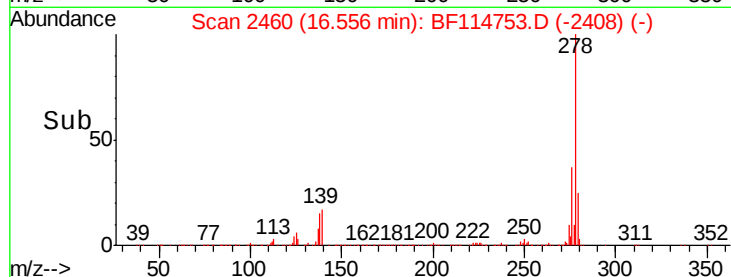
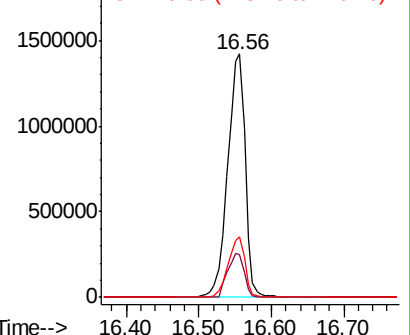
279 25.1 19.5 29.3



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(g,h,i)perylene

Concen: 57.954 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BF114753.D

Acq: 1 Jun 2019 13:32

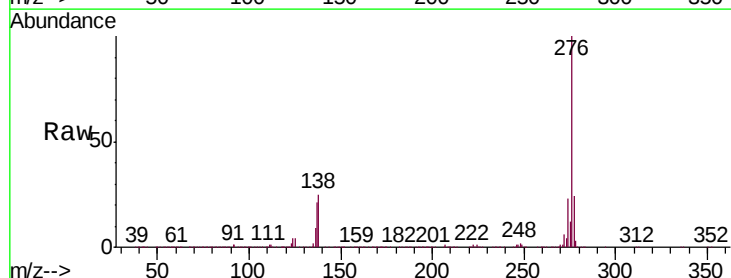
Tgt Ion:276 Resp: 2512034

Ion Ratio Lower Upper

276 100

277 23.8 19.7 29.5

138 25.1 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

