

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121673.D
 Acq On : 23 Sep 2020 18:53
 Operator : JU/CG
 Sample : L3863-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Quant Time: Sep 24 00:21:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145373	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	576335	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	309003	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	605662	20.00	ng	0.00
76) Chrysene-d12	13.98	240	524089	20.00	ng	0.00
86) Perylene-d12	15.43	264	516499	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1054875	107.84	ng	0.02
7) Phenol-d6	6.46	99	1273362	99.22	ng	0.00
23) Nitrobenzene-d5	7.38	82	1040723	96.95	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	518625	135.04	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1778158	87.15	ng	0.00
79) Terphenyl-d14	12.93	244	2095377	81.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	167837	37.347	ng	# 83
3) Pyridine	3.43	79	367893	29.612	ng	98
4) n-Nitrosodimethylamine	3.36	42	240261	41.692	ng	98
6) Aniline	6.47	93	281005	16.812	ng	# 51
8) 2-Chlorophenol	6.60	128	467445	46.935	ng	96
9) Benzaldehyde	6.36	77	123399	14.709	ng	98
10) Phenol	6.47	94	498540	36.480	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	492566	47.822	ng	98
12) 1,3-Dichlorobenzene	6.75	146	495234	44.550	ng	98
13) 1,4-Dichlorobenzene	6.83	146	497043	44.530	ng	98
14) 1,2-Dichlorobenzene	6.98	146	470687	45.775	ng	99
15) Benzyl Alcohol	6.96	79	425013	48.724	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	711909	42.952	ng	88
17) 2-Methylphenol	7.07	107	378337	44.646	ng	97
18) Hexachloroethane	7.32	117	183107	45.815	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	339362	45.883	ng	98
20) 3+4-Methylphenols	7.23	107	451004	44.296	ng	95
22) Acetophenone	7.22	105	635367	43.451	ng	# 97
24) Nitrobenzene	7.40	77	514555	44.322	ng	98
25) Isophorone	7.64	82	940784	43.539	ng	98
26) 2-Nitrophenol	7.71	139	250085	45.877	ng	95
27) 2,4-Dimethylphenol	7.75	122	412259	42.742	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	590737	44.161	ng	99
29) 2,4-Dichlorophenol	7.96	162	398931	45.410	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	407402	44.033	ng	99
31) Naphthalene	8.12	128	1327625	43.638	ng	100
32) Benzoic acid	7.90	122	272855	39.373	ng	97
33) 4-Chloroaniline	8.16	127	177970	13.495	ng	98
34) Hexachlorobutadiene	8.23	225	246426	45.376	ng	99
35) Caprolactam	8.55	113	52536	17.958	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	432279	45.678	ng	99
37) 2-Methylnaphthalene	8.80	142	883728	44.324	ng	98
38) 1-Methylnaphthalene	8.90	142	826195	44.525	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	416942	43.196	ng	99

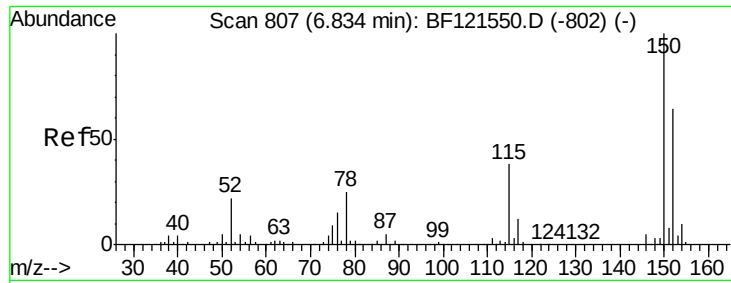
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121673.D
 Acq On : 23 Sep 2020 18:53
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	415604	75.398	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	292626	44.478	ng	100
44) 2,4,5-Trichlorophenol	9.14	196	312636	44.950	ng	97
46) 1,1'-Biphenyl	9.27	154	1069166	43.220	ng	100
47) 2-Chloronaphthalene	9.30	162	832725	42.717	ng	99
48) 2-Nitroaniline	9.40	65	292187	48.234	ng	96
49) Acenaphthylene	9.72	152	1301929	43.467	ng	99
50) Dimethylphthalate	9.58	163	1033143	46.131	ng	99
51) 2,6-Dinitrotoluene	9.64	165	232741	48.797	ng	98
52) Acenaphthene	9.89	154	782005	41.337	ng	99
53) 3-Nitroaniline	9.81	138	145392	26.314	ng	100
54) 2,4-Dinitrophenol	9.92	184	267624	95.329	ng	96
55) Dibenzofuran	10.06	168	1158828	43.497	ng	99
56) 4-Nitrophenol	9.99	139	347792	78.928	ng	97
57) 2,4-Dinitrotoluene	10.05	165	312797	52.129	ng	91
58) Fluorene	10.40	166	917961	45.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	267378	47.287	ng	99
60) Diethylphthalate	10.28	149	1028873	47.119	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	447186	45.820	ng	97
62) 4-Nitroaniline	10.43	138	237484	43.288	ng	96
63) Azobenzene	10.55	77	1016829	43.729	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	180462	48.477	ng	86
66) n-Nitrosodiphenylamine	10.52	169	873213	42.024	ng	98
67) 4-Bromophenyl-phenylether	10.88	248	303970	44.081	ng	95
68) Hexachlorobenzene	10.95	284	345996	44.461	ng	96
69) Atrazine	11.04	200	224564	43.500	ng	97
70) Pentachlorophenol	11.14	266	385752	90.260	ng	98
71) Phenanthrene	11.36	178	1406656	42.627	ng	100
72) Anthracene	11.42	178	1461630	42.922	ng	99
73) Carbazole	11.57	167	1345737	43.792	ng	100
74) Di-n-butylphthalate	11.90	149	1609333	45.375	ng	100
75) Fluoranthene	12.55	202	1569149	44.545	ng	99
77) Benzidine	12.67	184	147063	8.464	ng	98
78) Pyrene	12.78	202	1609253	42.026	ng	100
80) Butylbenzylphthalate	13.40	149	708808	45.770	ng	99
81) Benzo(a)anthracene	13.97	228	1448113	43.675	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	405345	31.314	ng	99
83) Chrysene	14.01	228	1435241	42.747	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	931701	45.035	ng	100
85) Di-n-octyl phthalate	14.57	149	1652699	45.266	ng	100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1541326	45.824	ng	99
88) Benzo(b)fluoranthene	15.02	252	1599432	46.322	ng	99
89) Benzo(k)fluoranthene	15.04	252	1371134	43.364	ng	99
90) Benzo(a)pyrene	15.37	252	1351478	46.046	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	1251377	44.693	ng	100
92) Benzo(g,h,i)perylene	17.32	276	1238963	45.016	ng	99

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

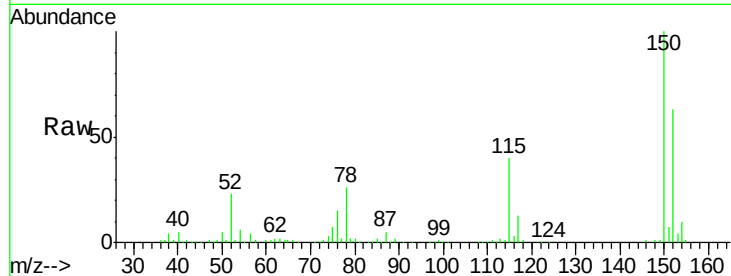


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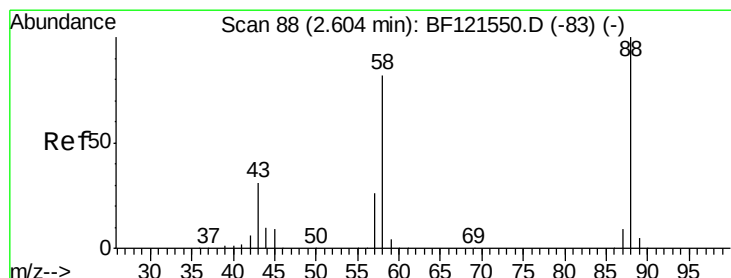
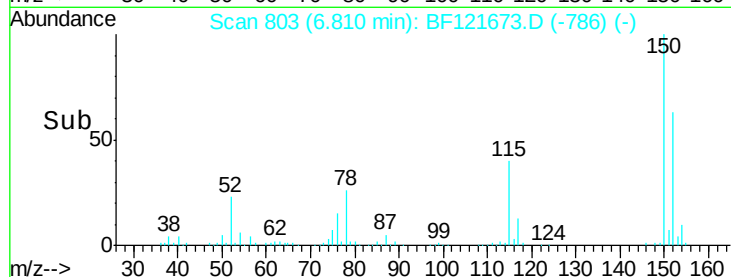
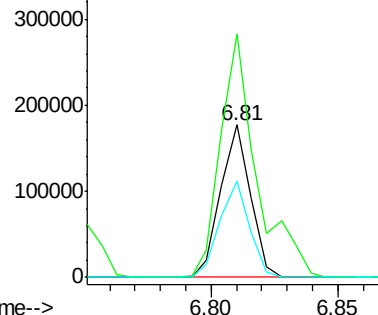
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion:152 Resp: 145373
Ion Ratio Lower Upper
152 100
150 159.7 128.1 192.1
115 63.5 52.6 79.0



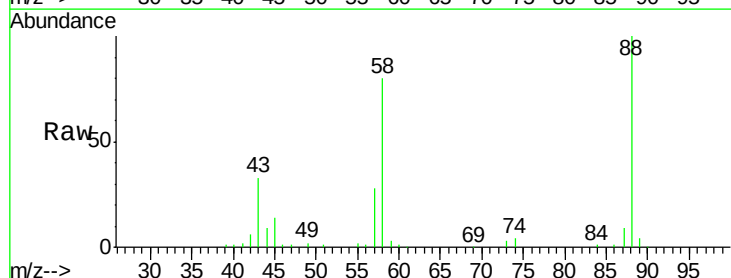
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



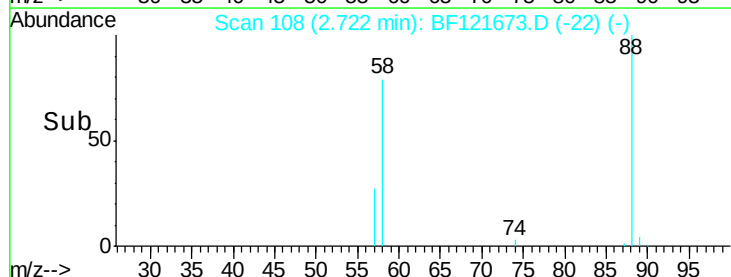
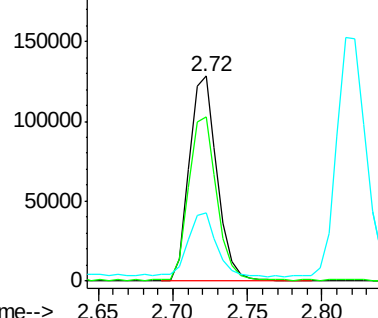
#2

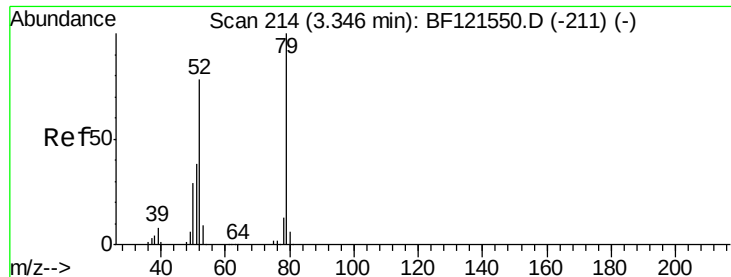
1,4-Dioxane
Concen: 37.347 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.21 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion: 88 Resp: 167837
Ion Ratio Lower Upper
88 100
58 79.7 65.4 98.0
43 0.0 24.9 37.3#



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

Pvridine

Concen: 29.612 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.17 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

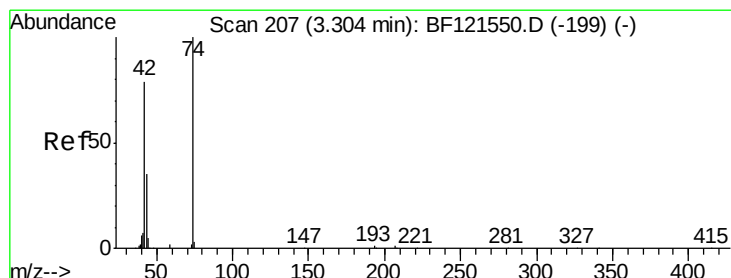
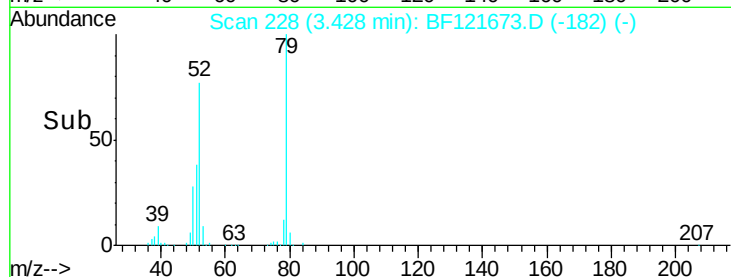
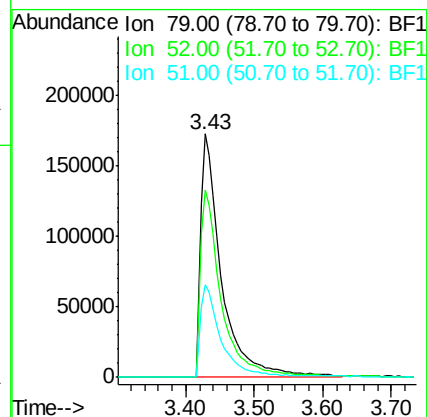
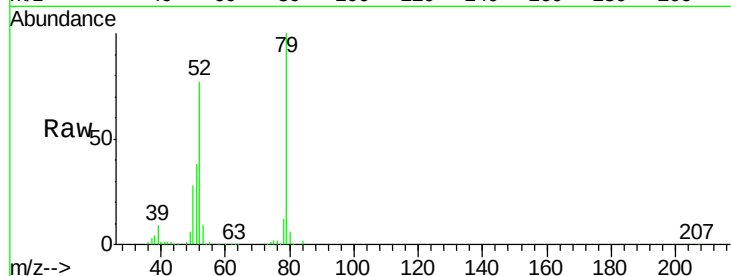
Tot Ion: 79 Resp: 367893

Ion Ratio Lower Upper

79 100

52 76.8 63.4 95.0

51 37.8 30.7 46.1



#4

n-Nitrosodimethylamine

Concen: 41.692 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.15 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

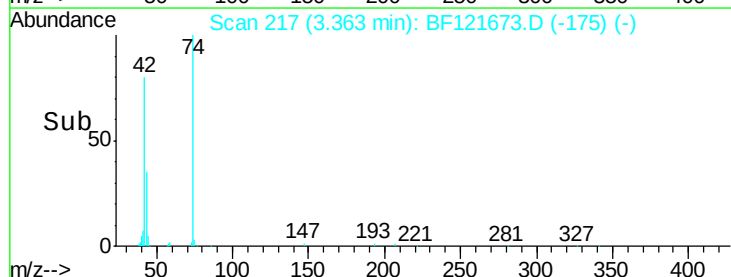
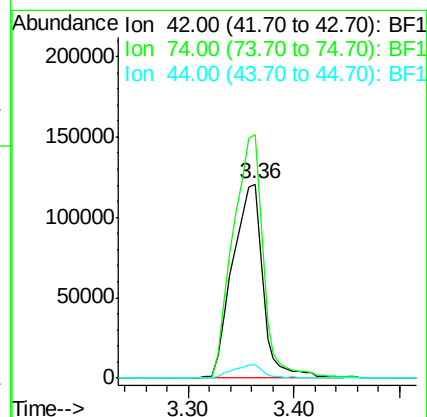
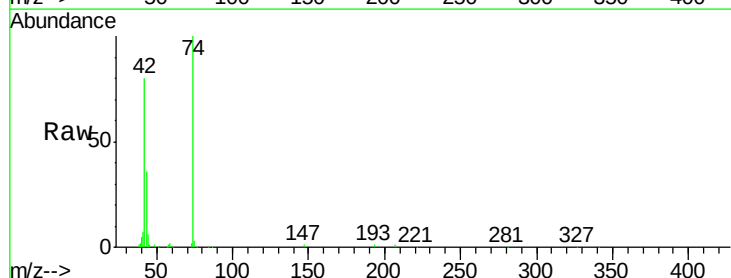
Tgt Ion: 42 Resp: 240261

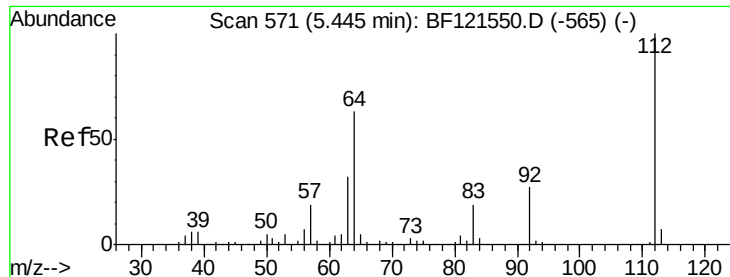
Ion Ratio Lower Upper

42 100

74 125.4 102.6 154.0

44 7.1 6.0 9.0





#5

2-Fluorophenol

Concen: 107.838 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

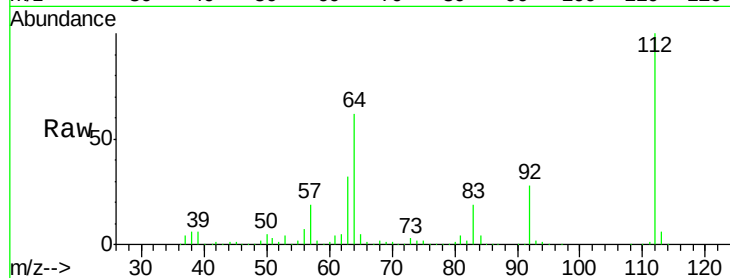
Tot Ion:112 Resp: 1054875

Ion Ratio Lower Upper

112 100

64 62.0 52.2 78.2

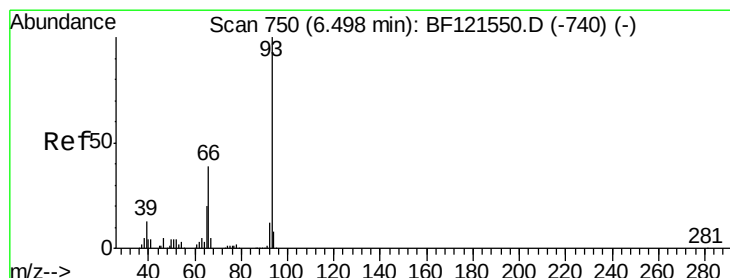
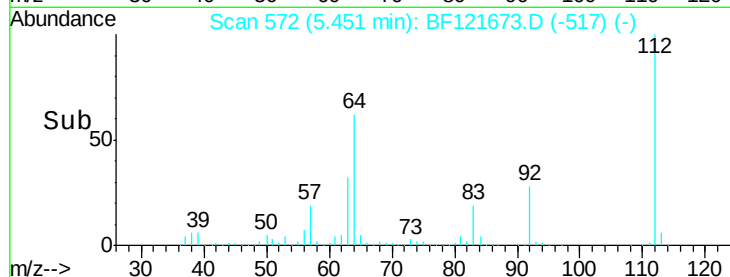
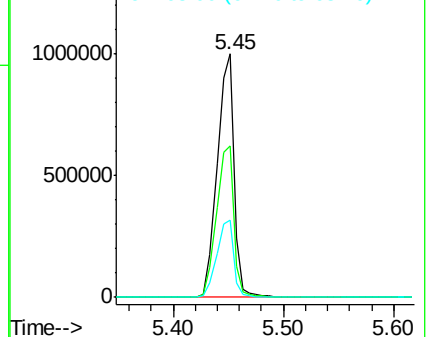
63 31.9 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.812 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

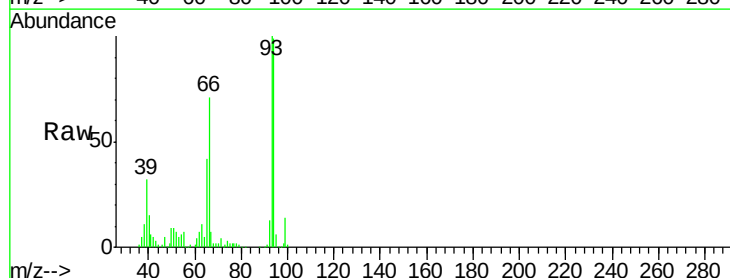
Tgt Ion: 93 Resp: 281005

Ion Ratio Lower Upper

93 100

66 70.5 31.9 47.9#

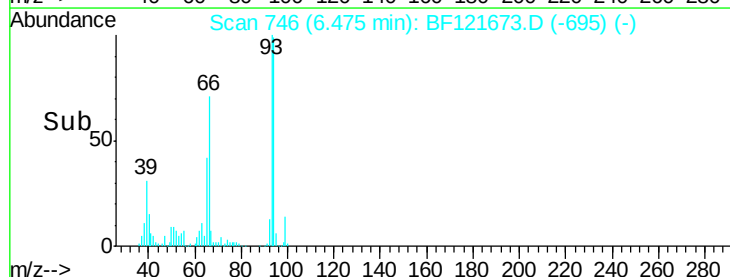
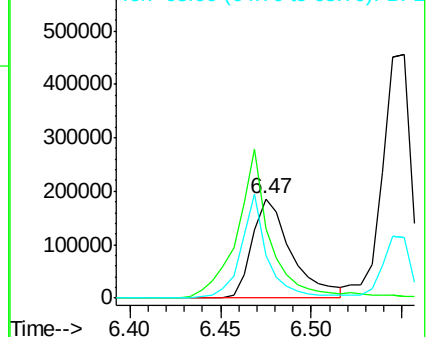
65 42.3 16.1 24.1#

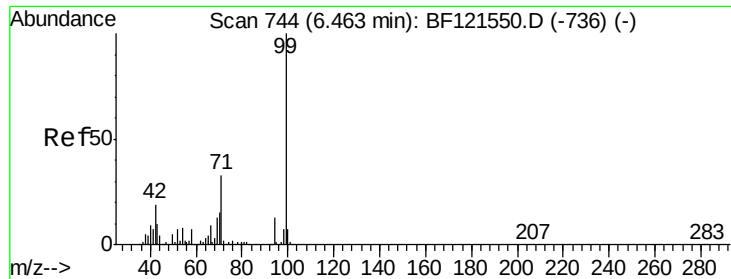


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.222 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

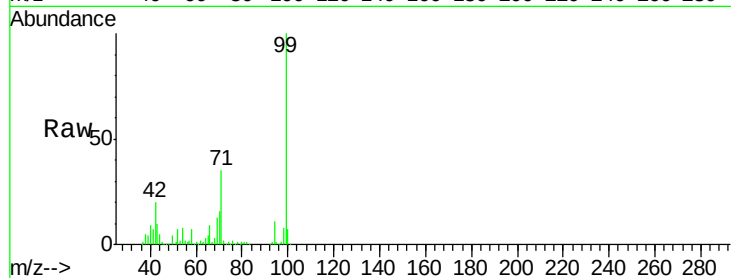
Tot Ion: 99 Resp: 1273362

Ion Ratio Lower Upper

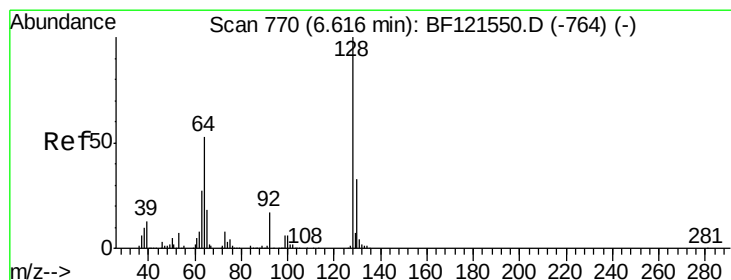
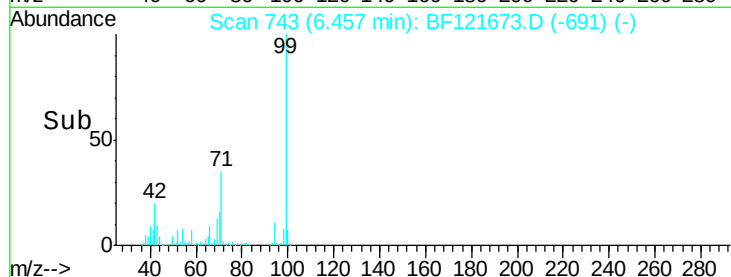
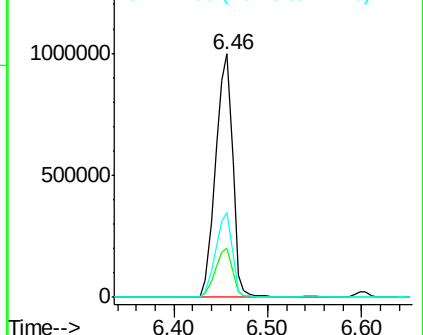
99 100

42 19.9 15.5 23.3

71 34.7 27.4 41.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.935 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

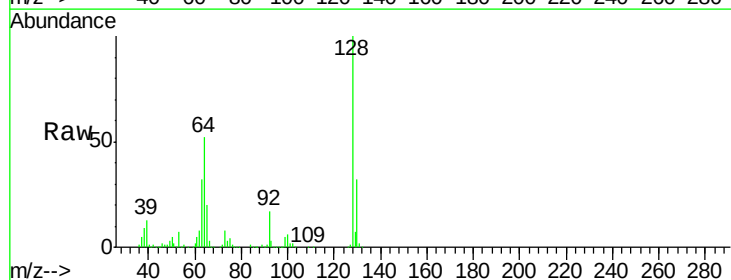
Tgt Ion: 128 Resp: 467445

Ion Ratio Lower Upper

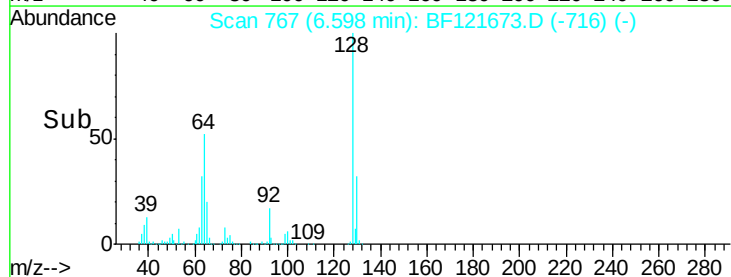
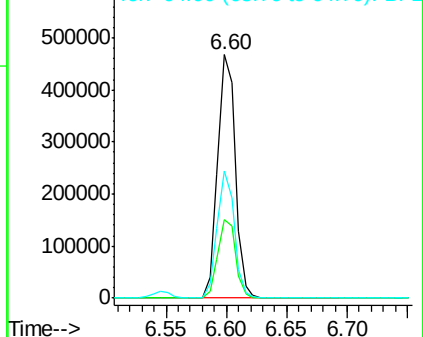
128 100

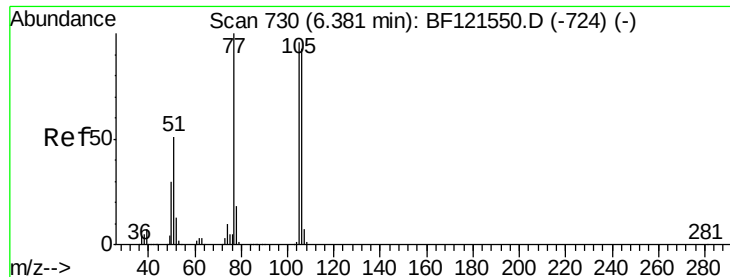
130 32.2 13.5 53.5

64 52.4 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.709 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

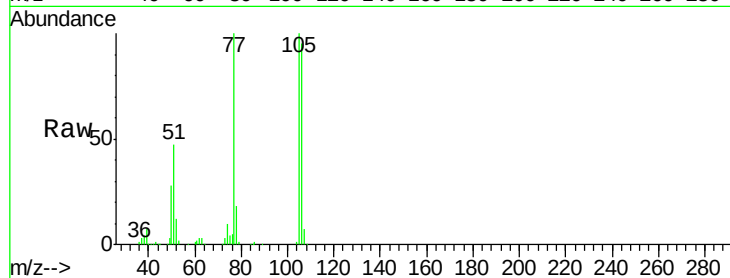
Tot Ion: 77 Resp: 123399

Ion Ratio Lower Upper

77 100

105 100.5 79.2 119.2

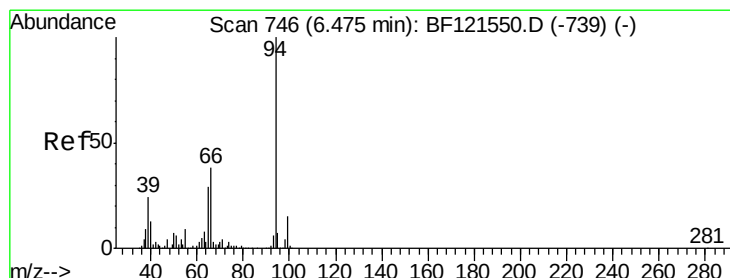
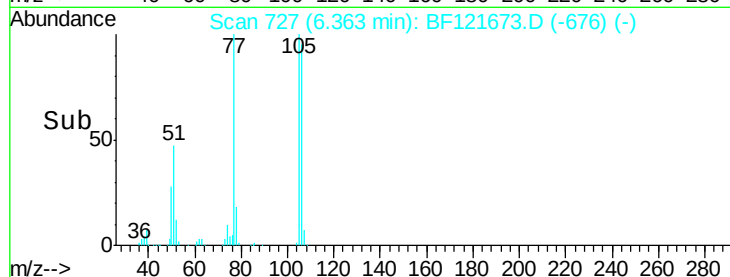
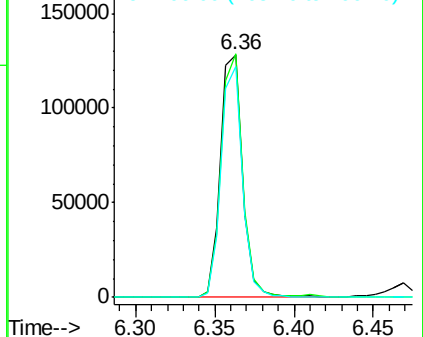
106 95.1 72.9 112.9



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: 36.480 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

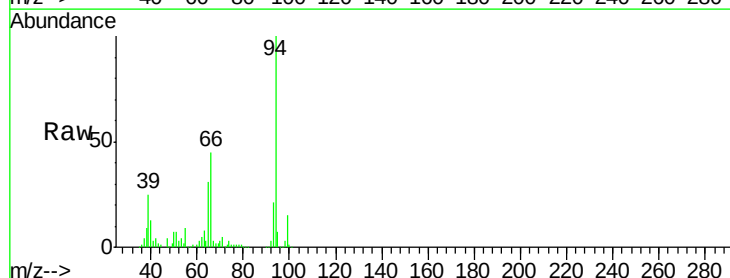
Tgt Ion: 94 Resp: 498540

Ion Ratio Lower Upper

94 100

65 31.3 17.8 57.8

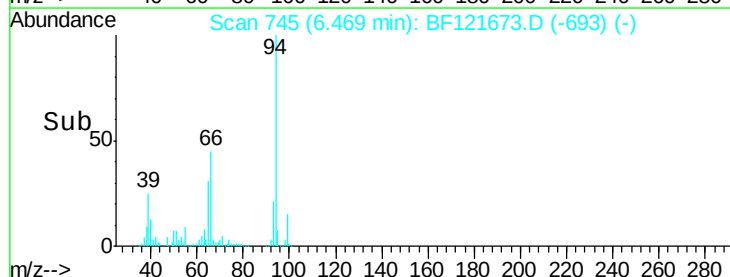
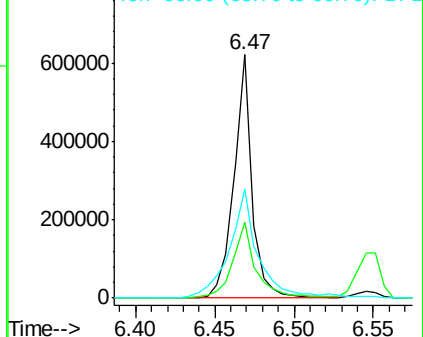
66 44.9 37.8 77.8

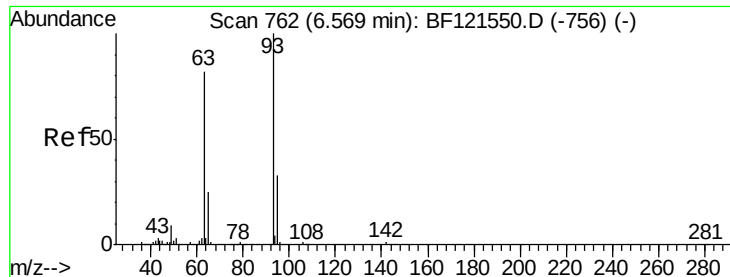


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

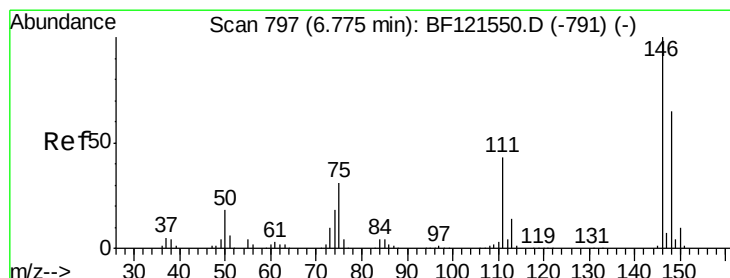
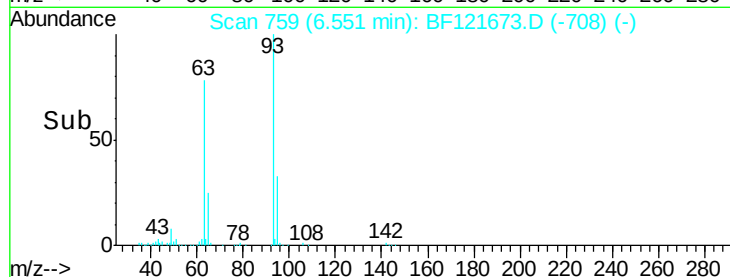
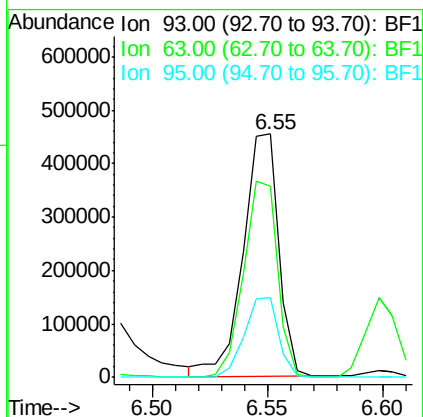
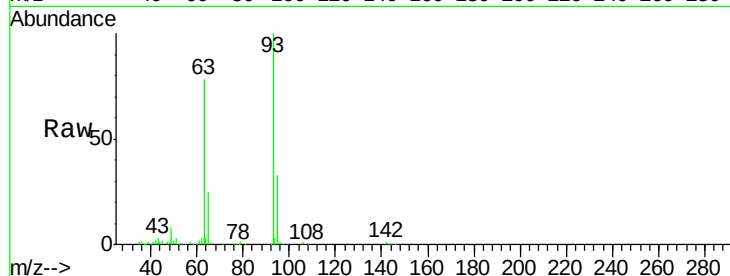




#11
 bis(2-Chloroethyl)ether
 Concen: 47.822 ng
 RT: 6.55 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

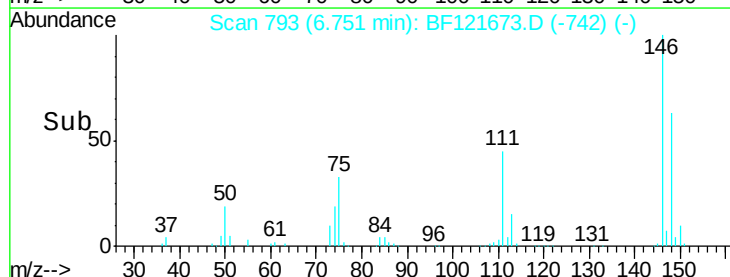
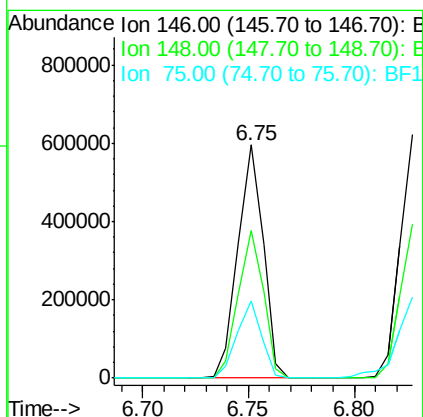
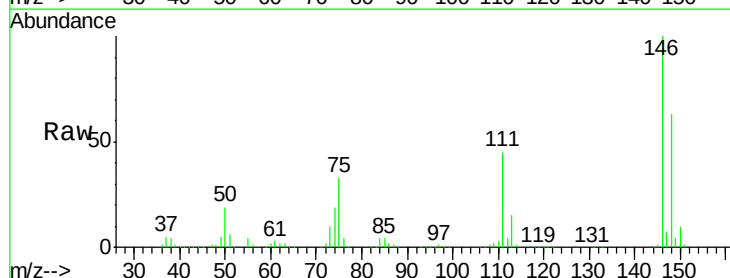
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

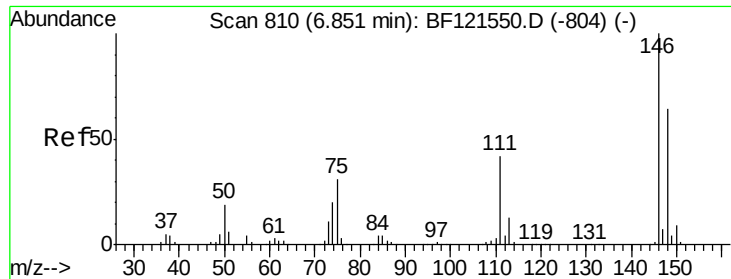
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.4	60.3	100.3
95	32.7	12.6	52.6



#12
 1,3-Dichlorobenzene
 Concen: 44.550 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	33.2	23.5	35.3

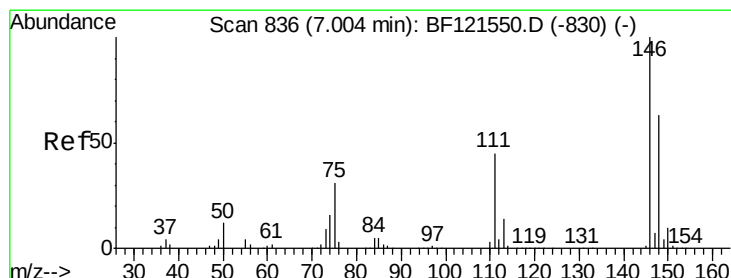
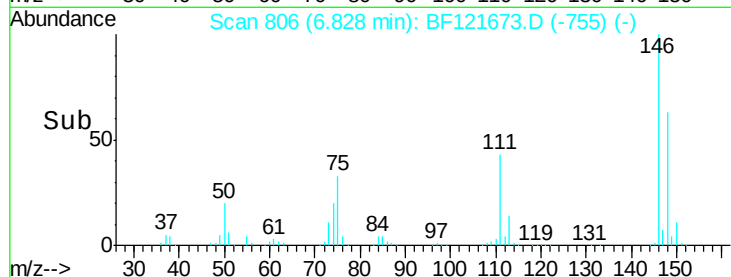
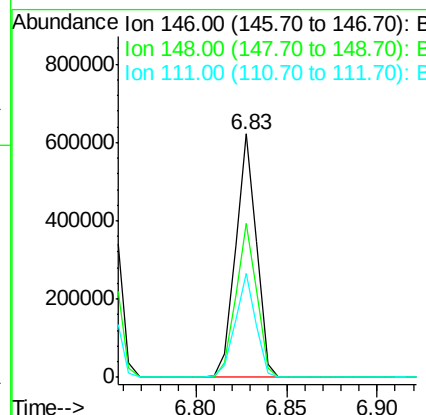
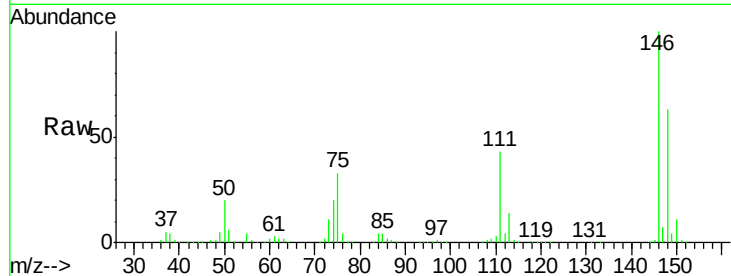




#13
 1,4-Dichlorobenzene
 Concen: 44.530 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

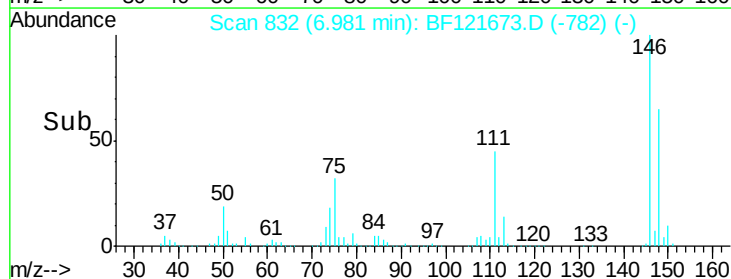
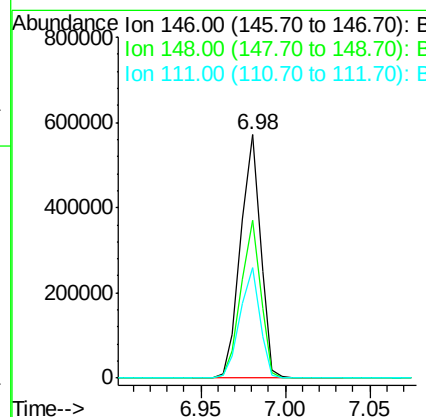
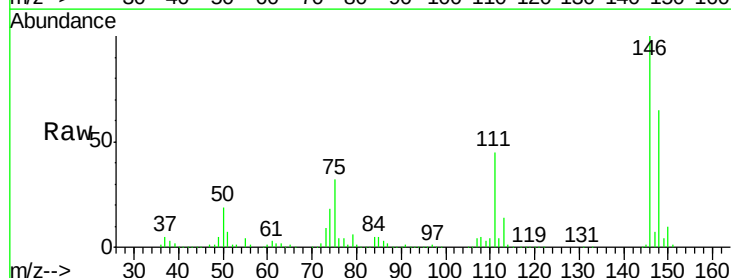
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

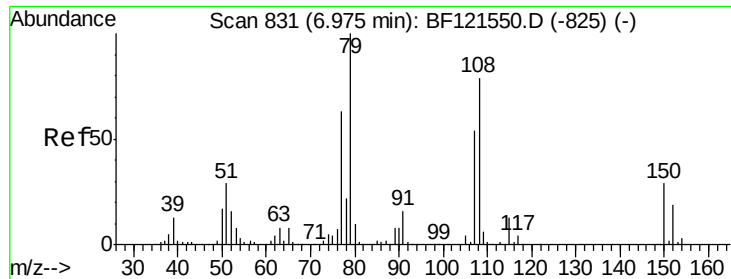
Tot Ion:146 Resp: 497043
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.9 77.9
 111 42.9 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 45.775 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion:146 Resp: 470687
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.3 76.9
 111 45.3 35.5 53.3

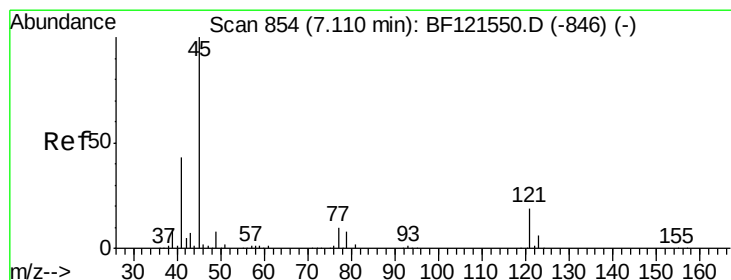
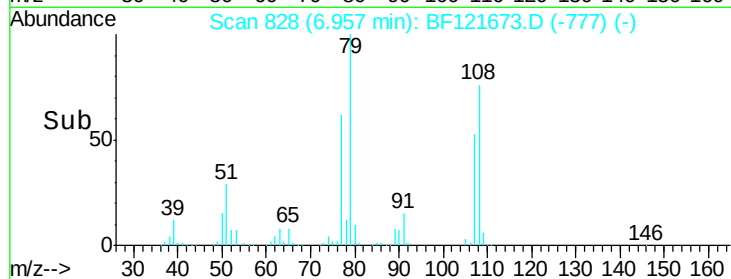
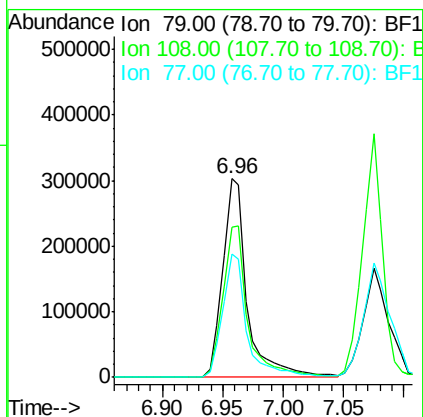
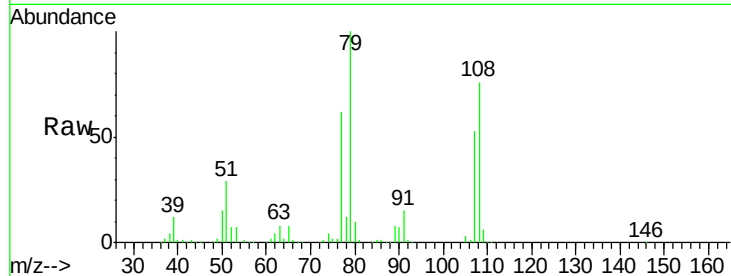




#15
Benzyl Alcohol
Concen: 48.724 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

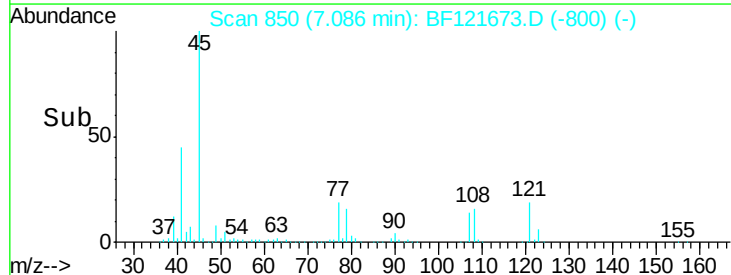
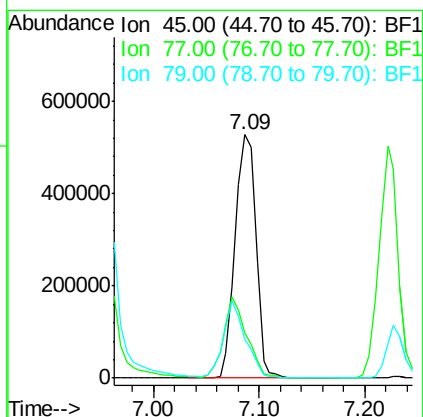
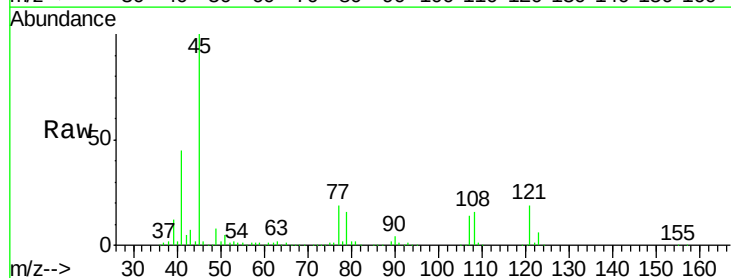
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

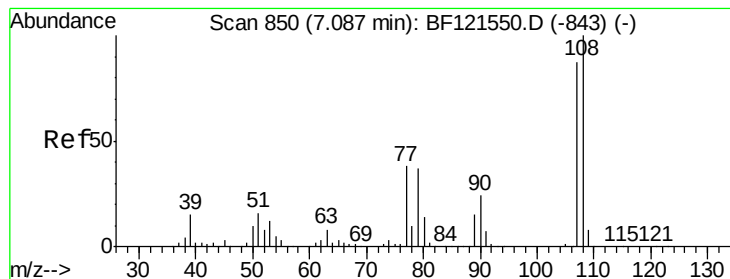
Tot Ion: 79 Resp: 425013
Ion Ratio Lower Upper
79 100
108 75.9 60.2 90.2
77 62.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.952 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion: 45 Resp: 711909
Ion Ratio Lower Upper
45 100
77 18.8 0.0 33.8
79 16.0 0.0 31.2





#17

2-Methylphenol

Concen: 44.646 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

Tot Ion:107 Resp: 378337

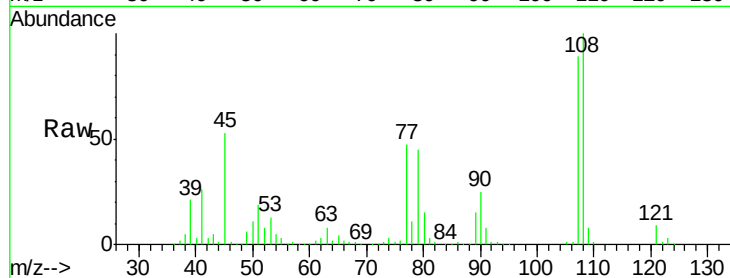
Ion Ratio Lower Upper

107 100

108 112.9 90.6 135.8

77 53.2 38.7 58.1

79 50.8 37.9 56.9

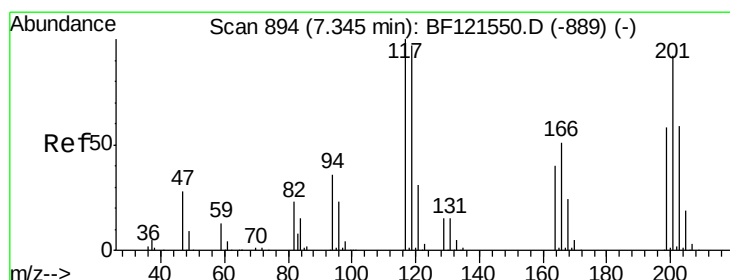
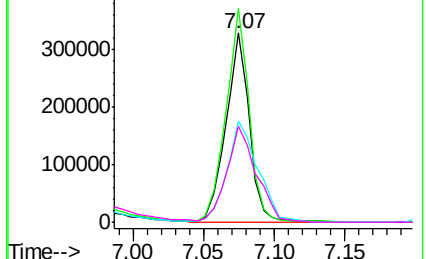
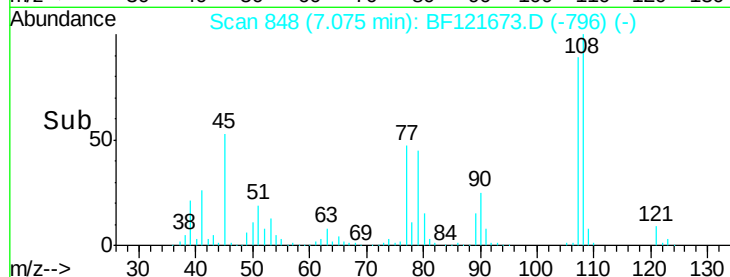


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.815 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

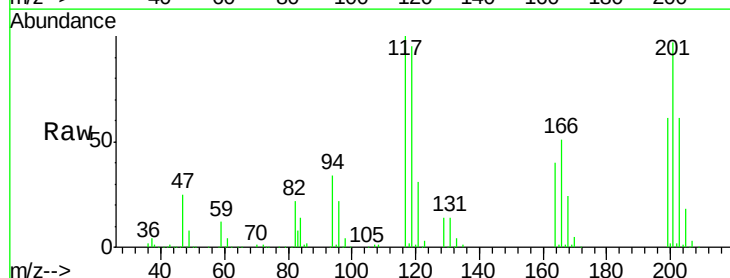
Tgt Ion:117 Resp: 183107

Ion Ratio Lower Upper

117 100

119 94.7 75.7 113.5

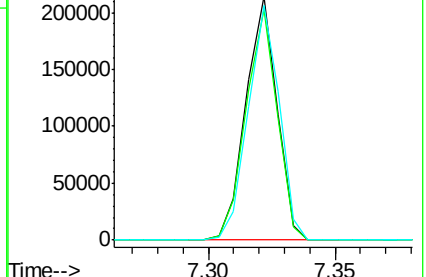
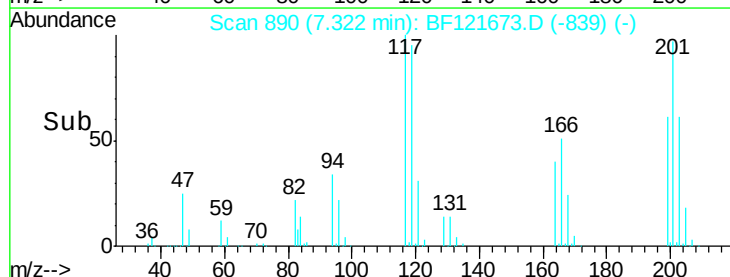
201 96.6 77.5 116.3

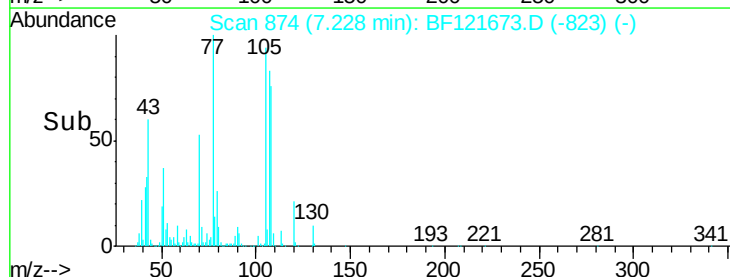
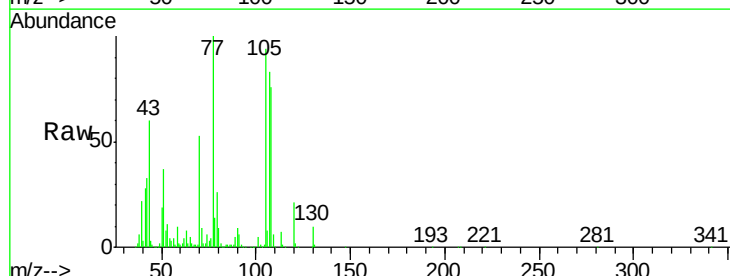
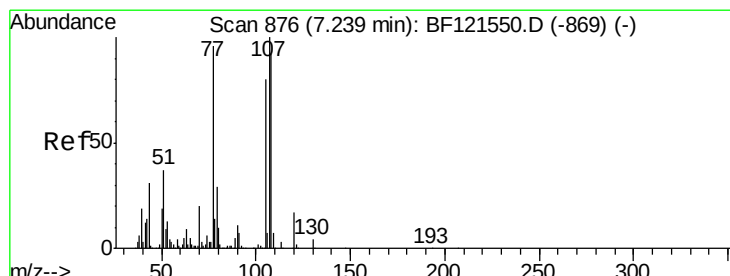
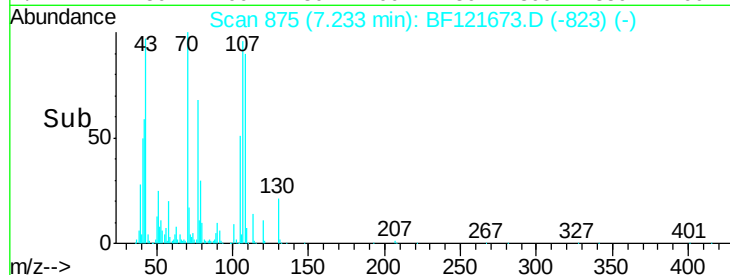
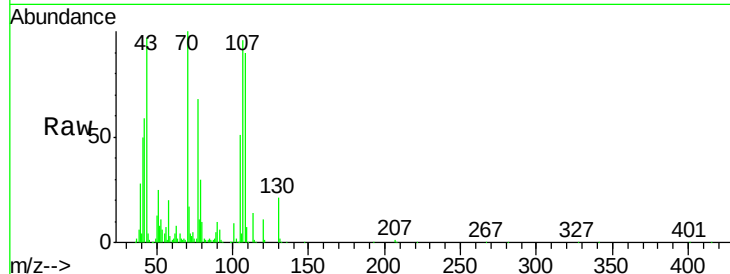
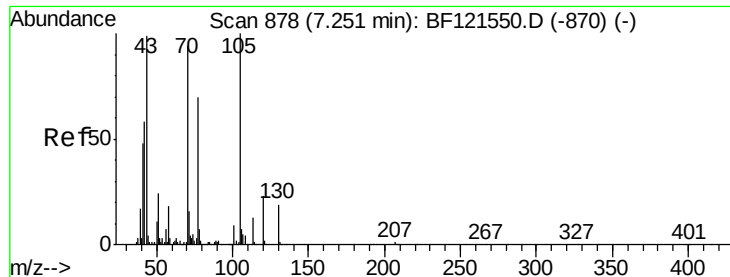


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

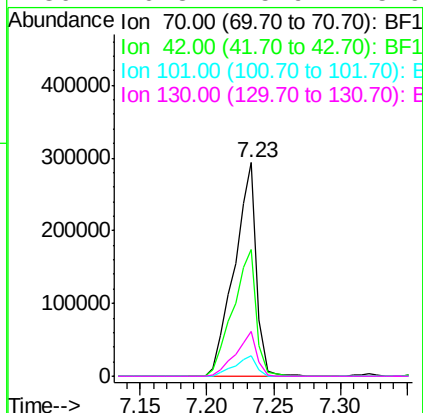




#19
n-Nitroso-di-n-propylamine
Concen: 45.883 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

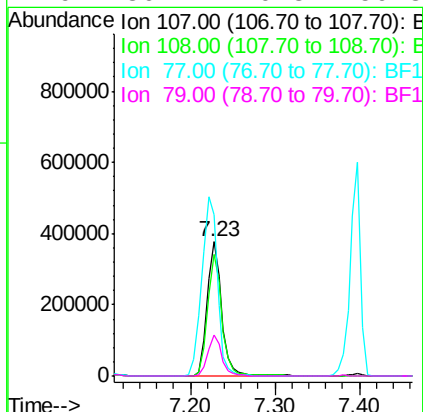
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

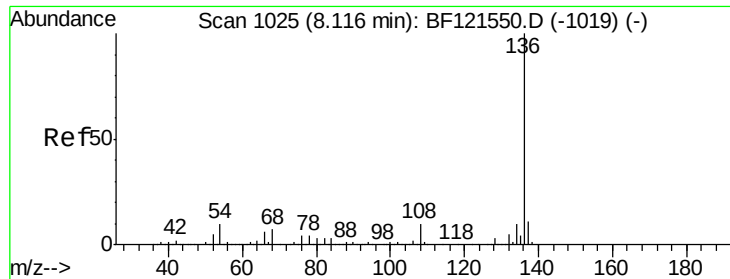
Tot Ion: 70 Resp: 339362
Ion Ratio Lower Upper
70 100
42 59.2 48.3 72.5
101 9.3 7.6 11.4
130 20.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.296 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion: 107 Resp: 451004
Ion Ratio Lower Upper
107 100
108 90.7 67.0 107.0
77 120.0 107.7 147.7
79 30.7 10.3 50.3

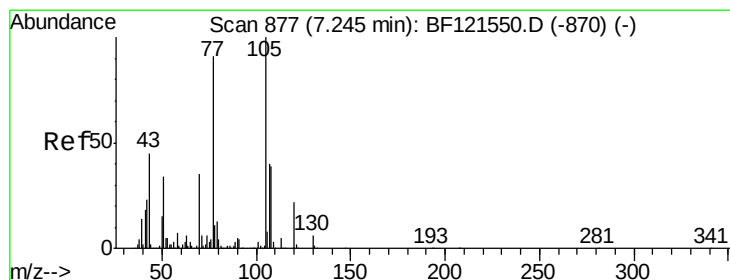
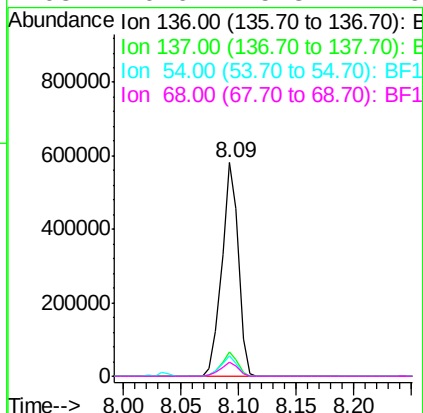
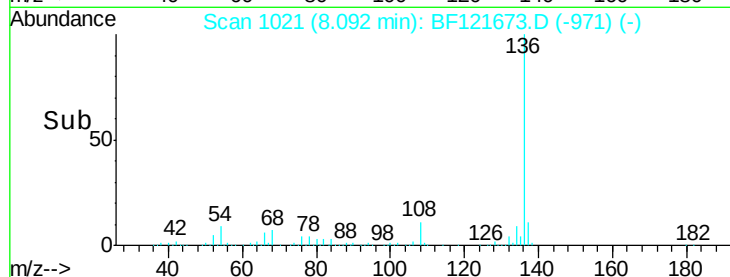
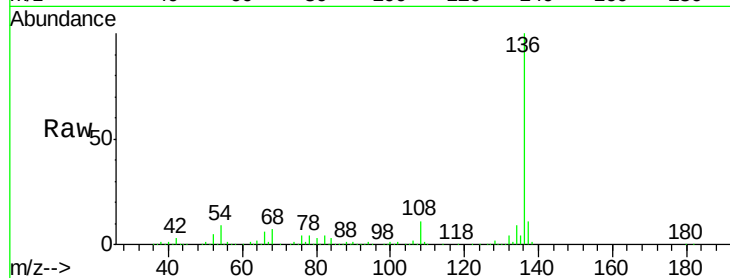




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

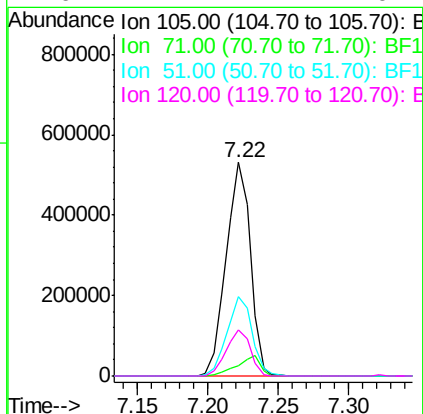
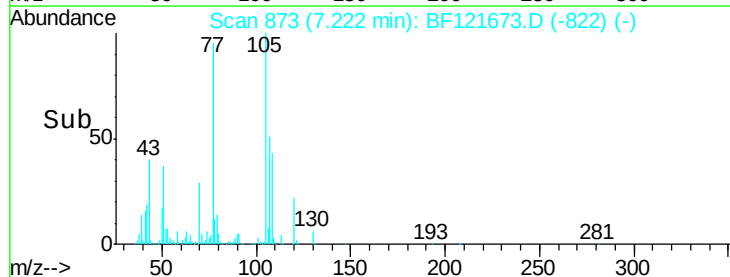
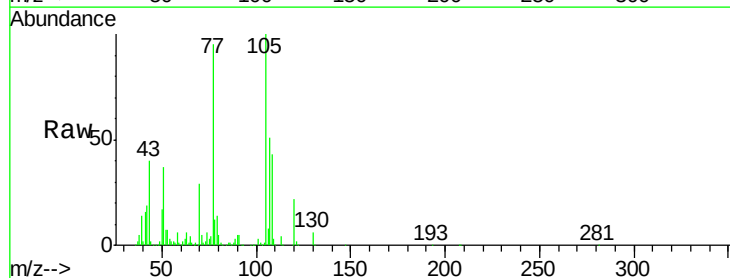
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

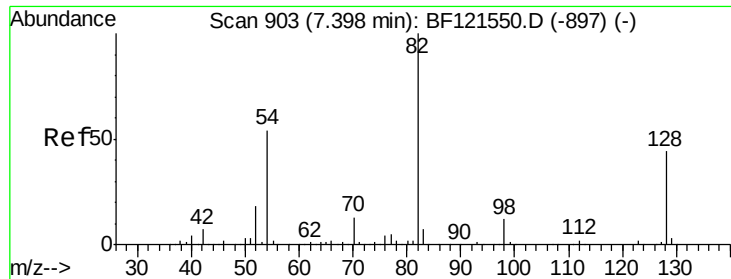
Tot Ion:136	Resp: 576335
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 9.4	7.4 11.0
68 6.6	5.3 7.9



#22
Acetophenone
Concen: 43.451 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt	Ion:105	Resp:	635367
Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.5	8.3#
51	37.0	31.7	47.5
120	21.7	17.4	26.2

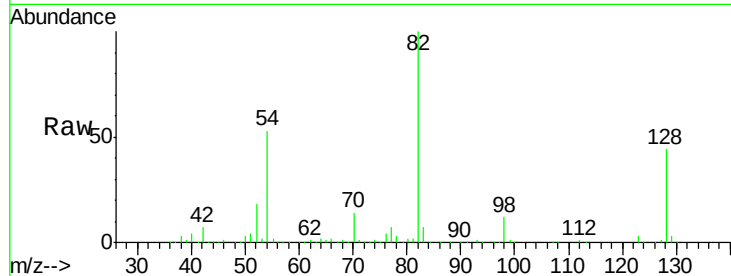




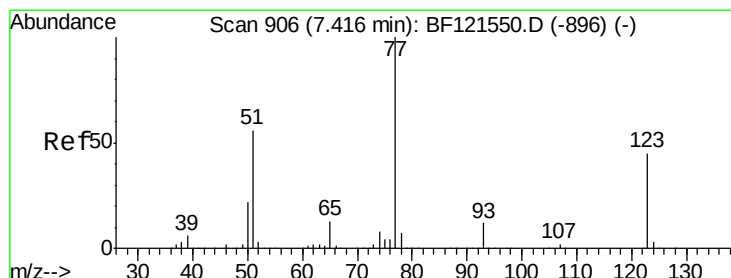
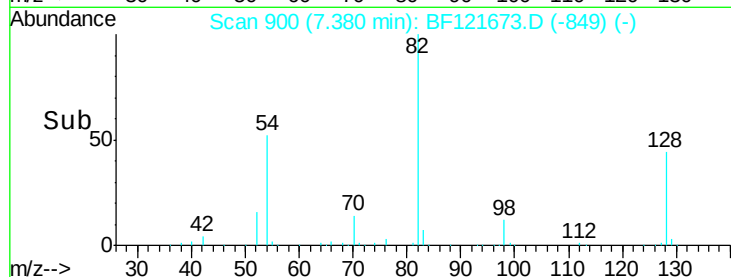
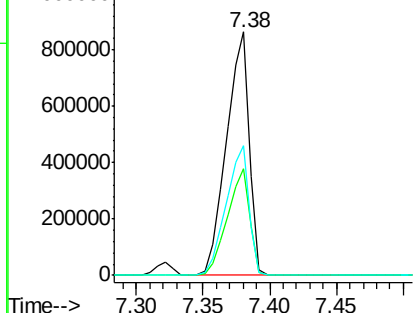
#23
 Nitrobenzene-d5
 Concen: 96.955 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion: 82 Resp: 1040723
 Ion Ratio Lower Upper
 82 100
 128 43.7 33.9 50.9
 54 53.4 42.9 64.3

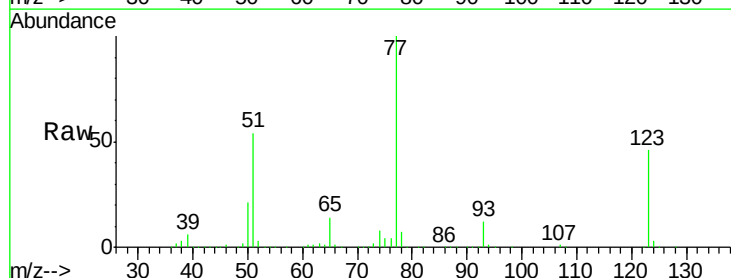


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

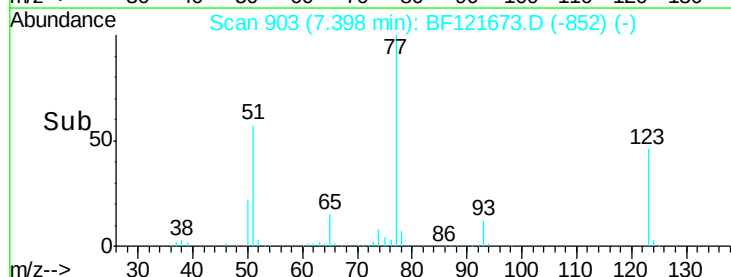
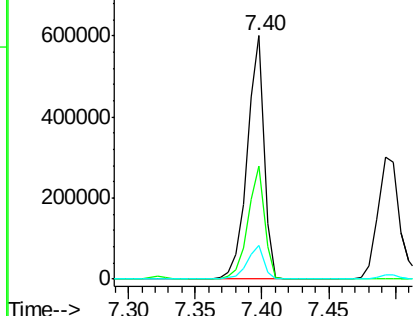


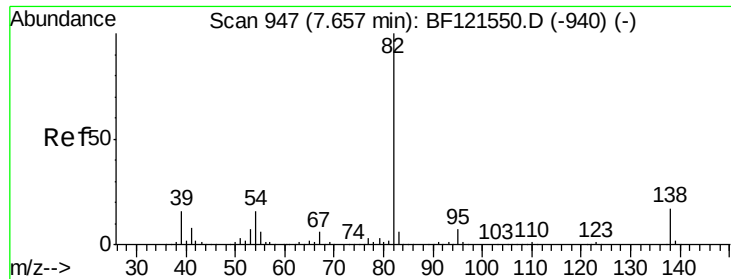
#24
 Nitrobenzene
 Concen: 44.322 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion: 77 Resp: 514555
 Ion Ratio Lower Upper
 77 100
 123 46.5 35.8 53.8
 65 13.8 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: 43.539 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

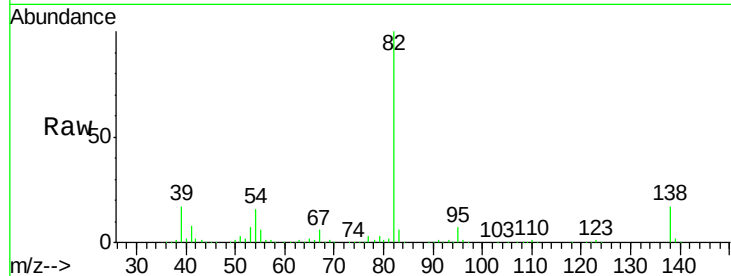
Tot Ion: 82 Resp: 940784

Ion Ratio Lower Upper

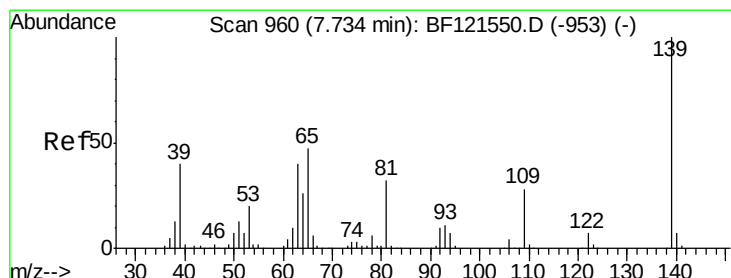
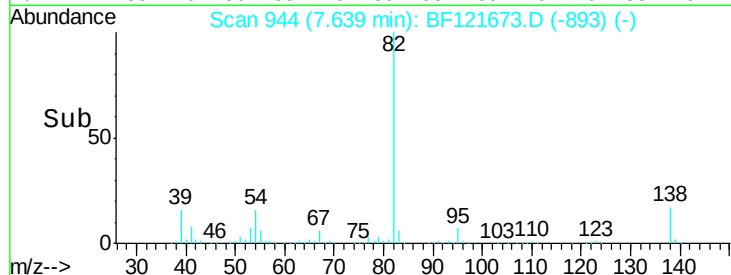
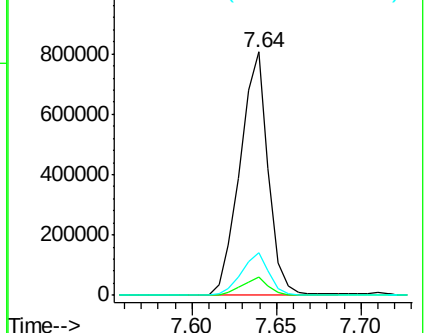
82 100

95 7.3 5.8 8.6

138 17.5 13.2 19.8



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



#26

2-Nitrophenol

Concen: 45.877 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

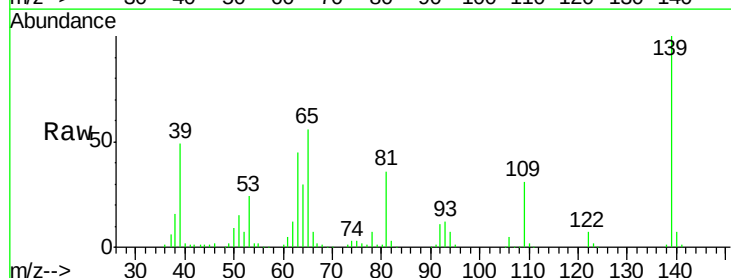
Tgt Ion: 139 Resp: 250085

Ion Ratio Lower Upper

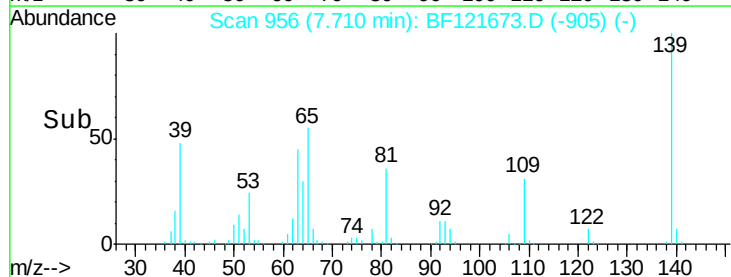
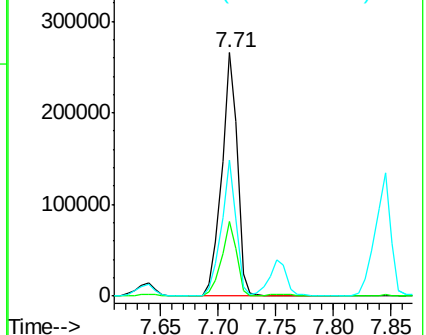
139 100

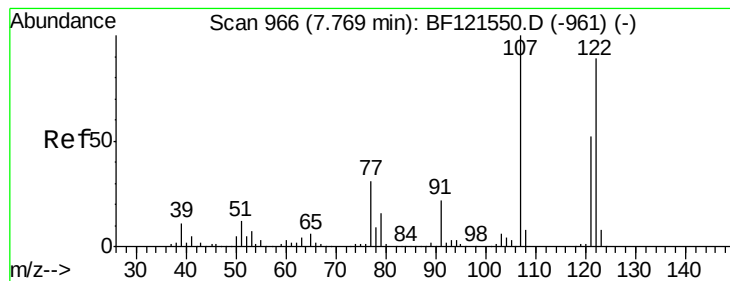
109 30.7 23.4 35.2

65 55.7 41.0 61.4



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





#27

2,4-Dimethylphenol

Concen: 42.742 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

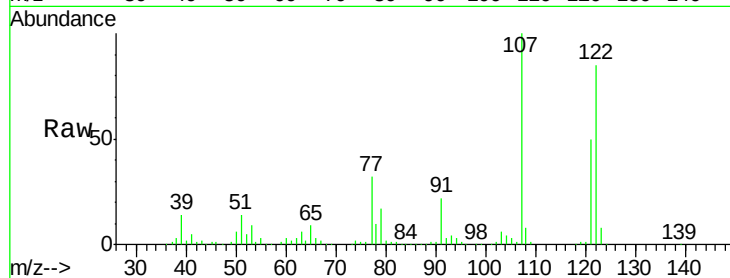
Tot Ion:122 Resp: 412259

Ion Ratio Lower Upper

122 100

107 117.4 91.4 137.0

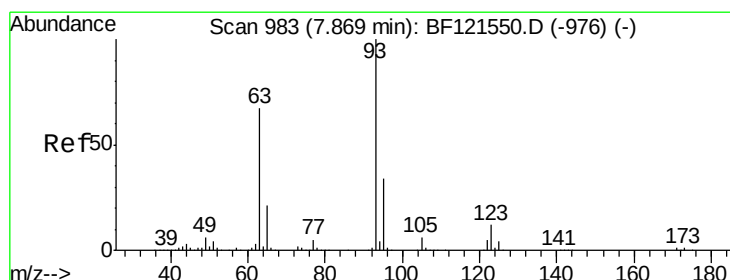
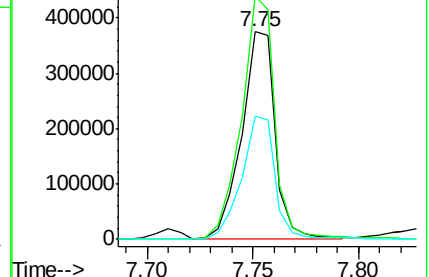
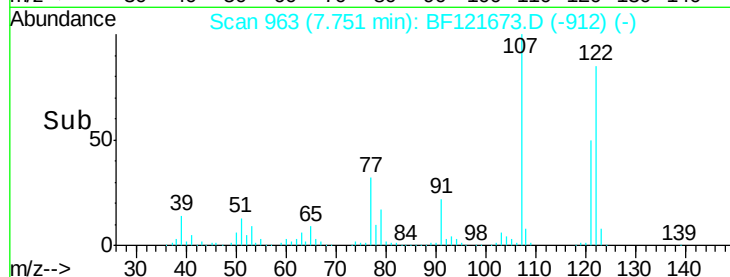
121 59.3 46.2 69.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.161 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

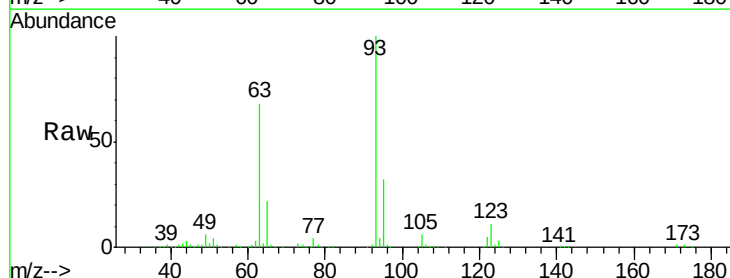
Tgt Ion: 93 Resp: 590737

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

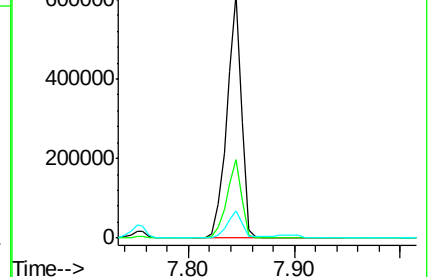
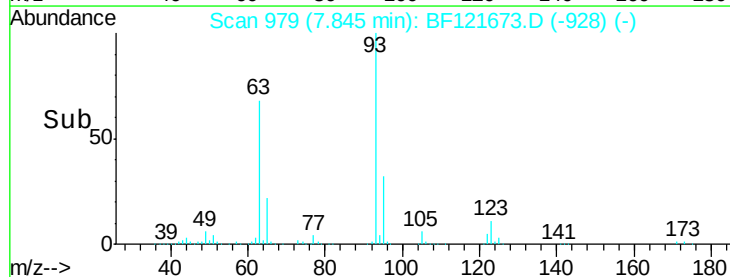
123 11.4 9.3 13.9

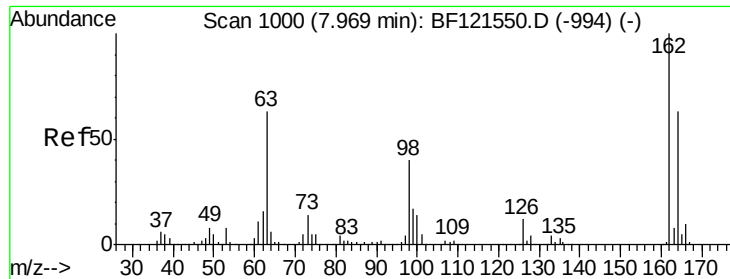


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

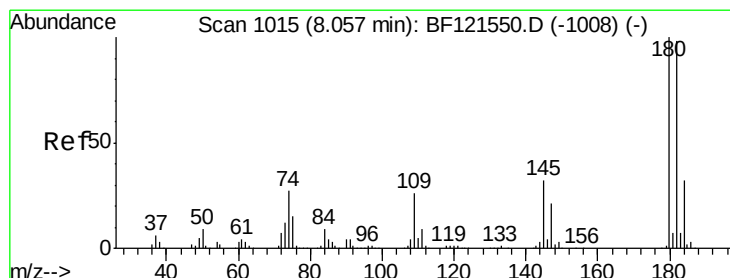
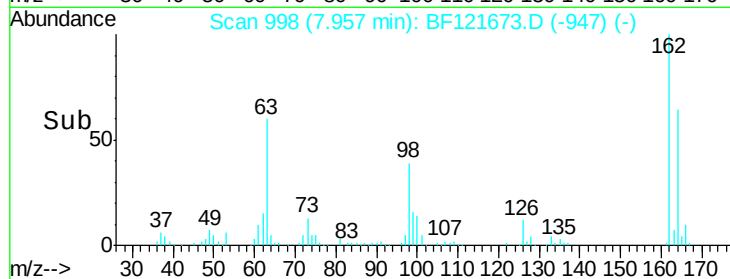
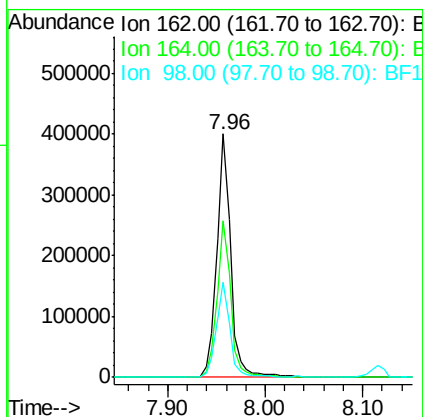
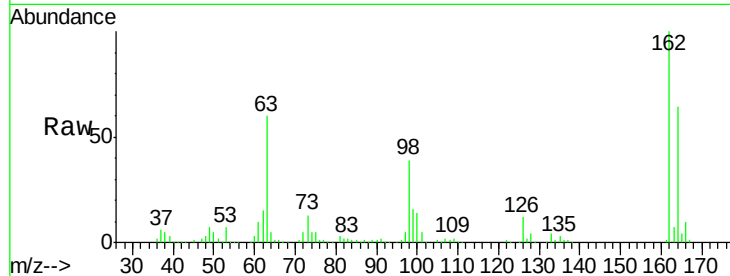




#29
 2,4-Dichlorophenol
 Concen: 45.410 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

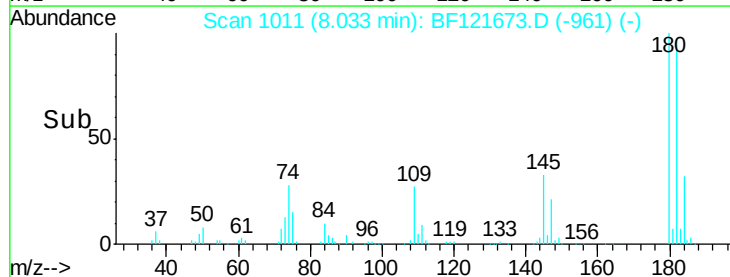
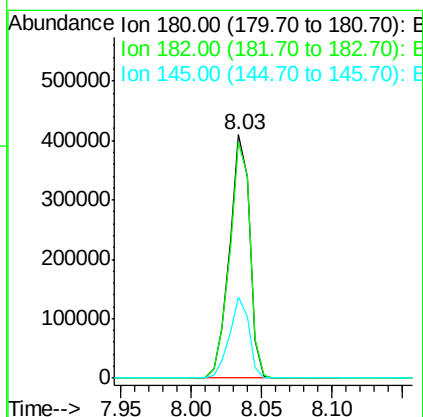
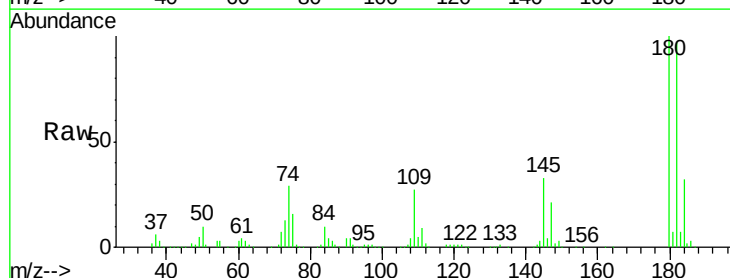
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

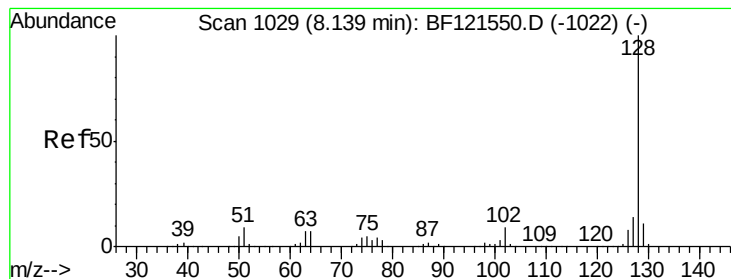
Tot Ion:162	Resp:	398931
Ion Ratio	Lower	Upper
162	100	
164	64.4	44.1 84.1
98	39.2	16.7 56.7



#30
 1,2,4-Trichlorobenzene
 Concen: 44.033 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion:180	Resp:	407402
Ion Ratio	Lower	Upper
180	100	
182	97.0	78.6 117.8
145	33.4	26.2 39.2





#31

Naphthalene

Concen: 43.638 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

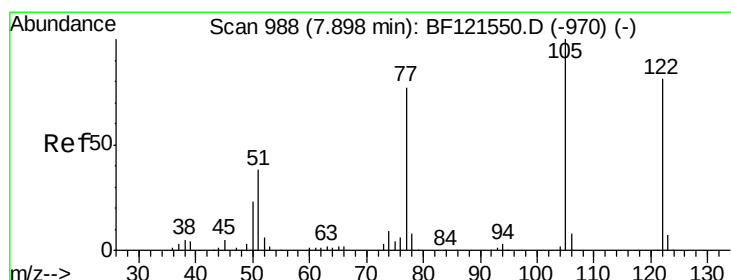
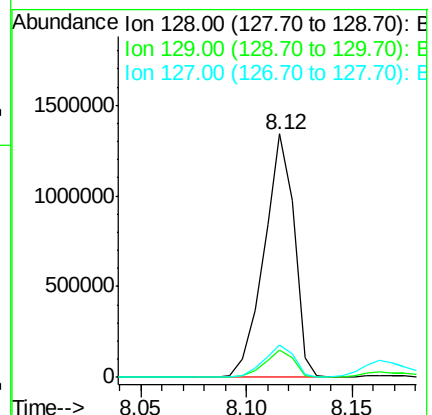
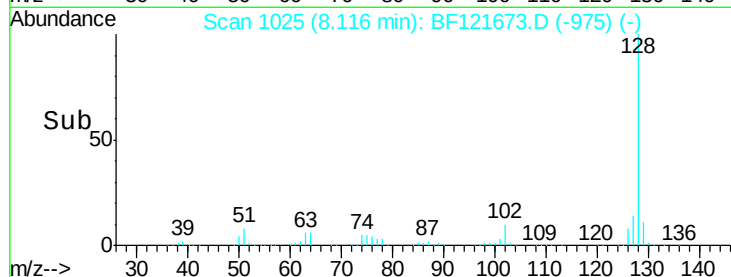
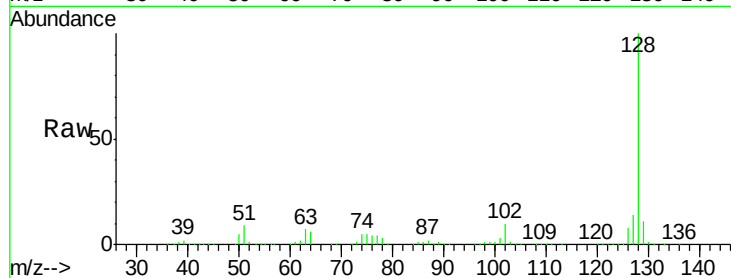
Tot Ion:128 Resp: 1327625

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 39.373 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

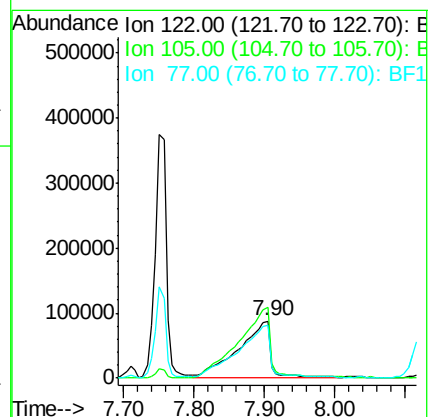
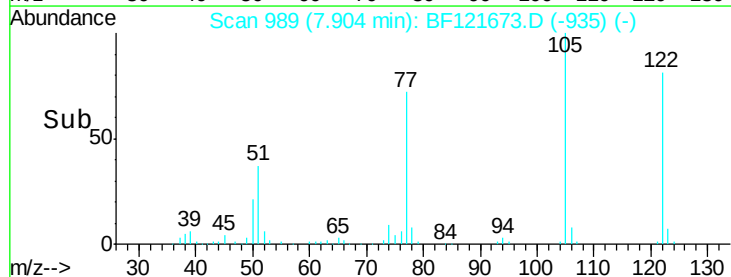
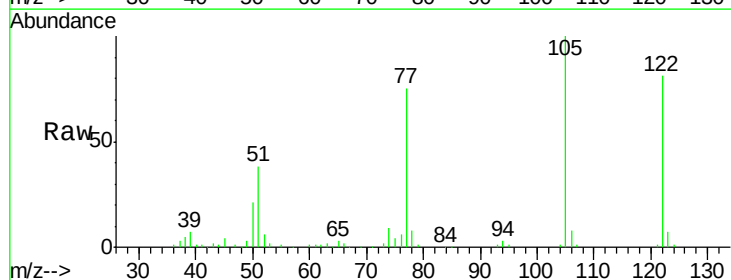
Tgt Ion:122 Resp: 272855

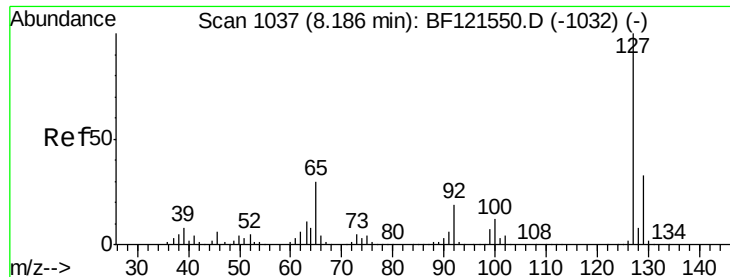
Ion Ratio Lower Upper

122 100

105 124.2 101.9 141.9

77 92.6 69.0 109.0

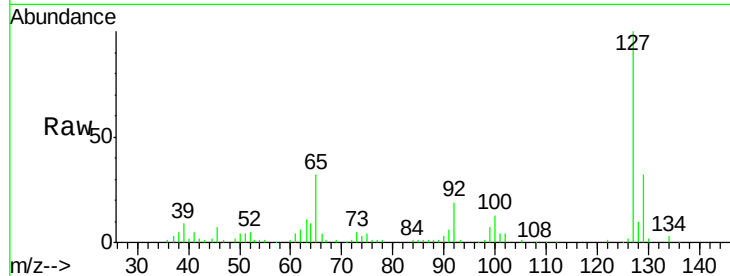




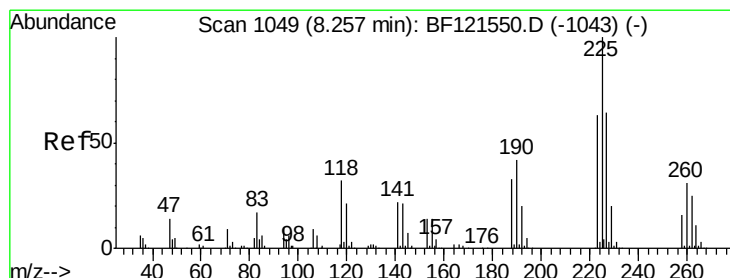
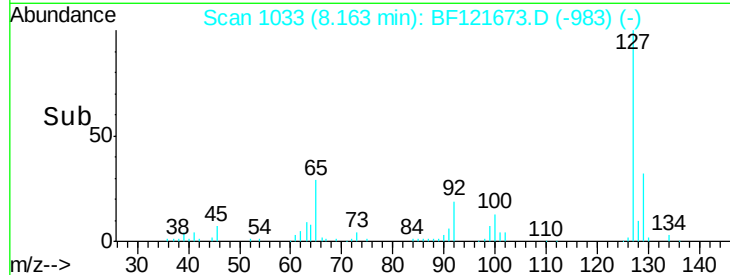
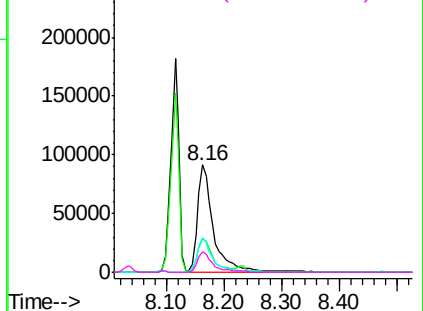
#33
 4-Chloroaniline
 Concen: 13.495 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion:	127	Resp:	177970
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.8
65	31.7	26.3	39.5
92	19.0	16.2	24.4

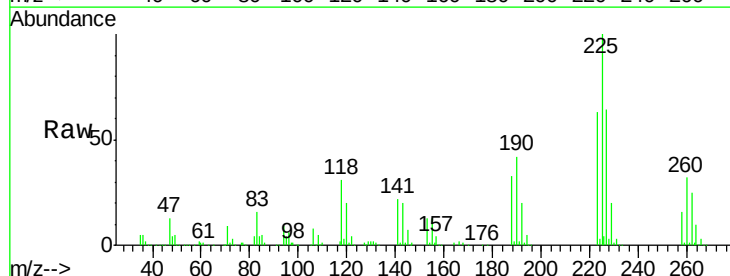


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

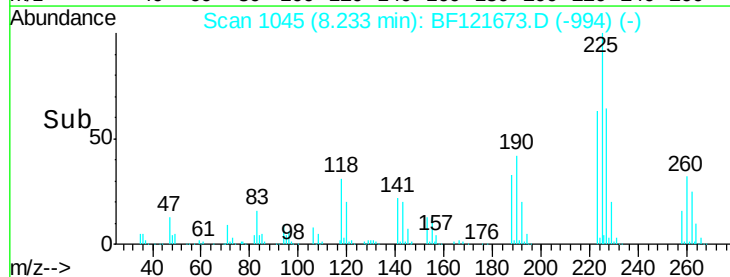
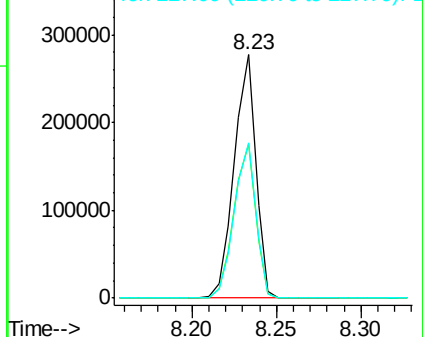


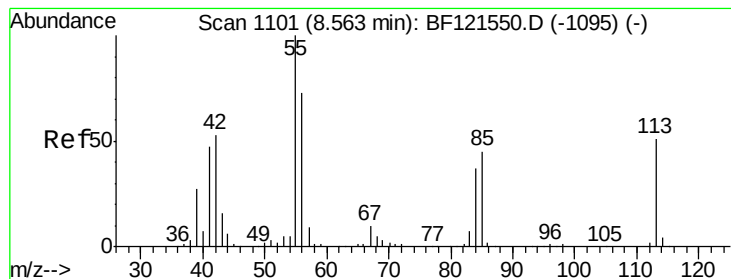
#34
 Hexachlorobutadiene
 Concen: 45.376 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion:	225	Resp:	246426
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	64.0	51.7	77.5



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 17.958 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

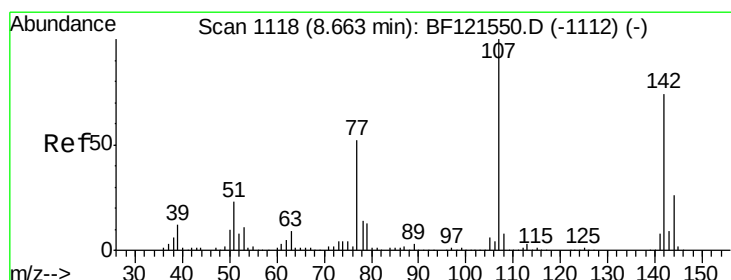
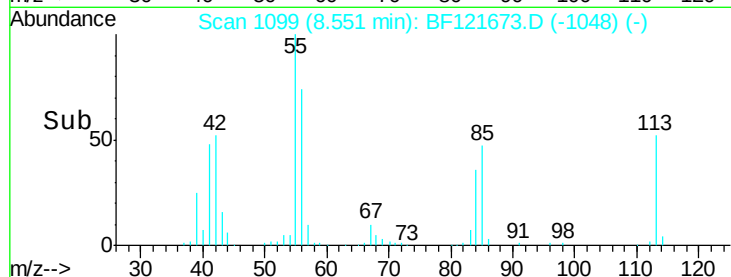
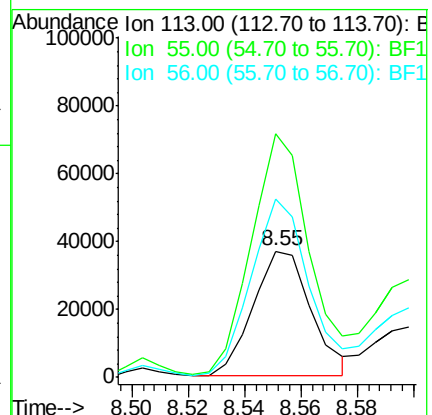
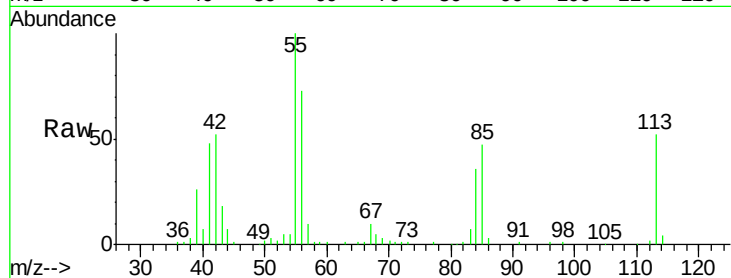
Tot Ion:113 Resp: 52536

Ion Ratio Lower Upper

113 100

55 193.1 166.3 206.3

56 141.7 118.7 158.7



#36

4-Chloro-3-methylphenol

Concen: 45.678 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

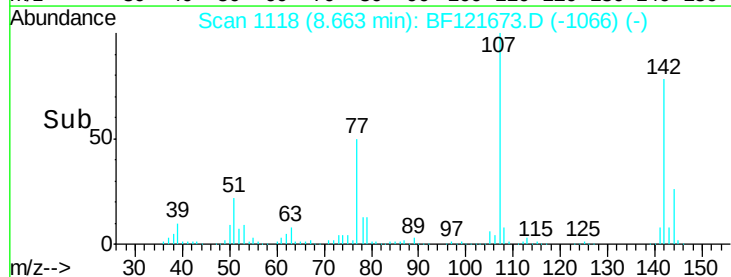
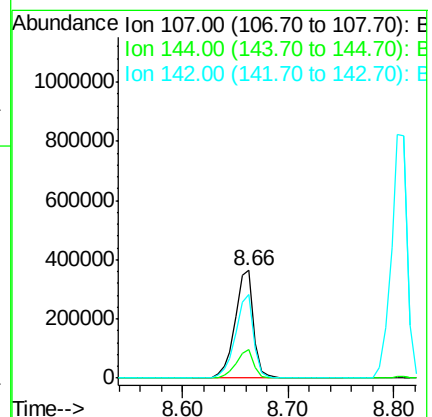
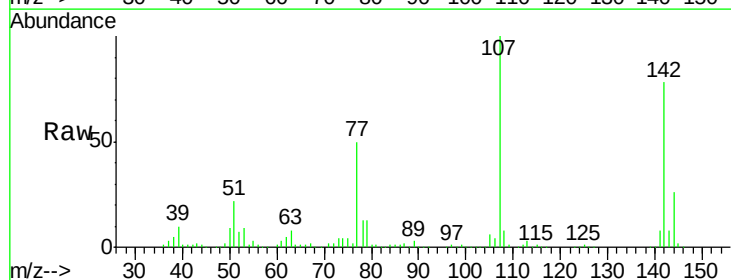
Tgt Ion:107 Resp: 432279

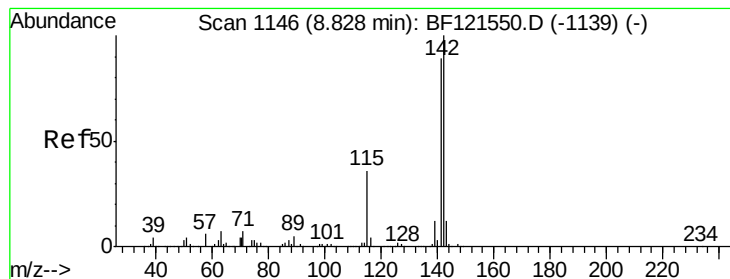
Ion Ratio Lower Upper

107 100

144 26.2 20.6 31.0

142 77.8 61.7 92.5





#37

2-Methylnaphthalene

Concen: 44.324 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

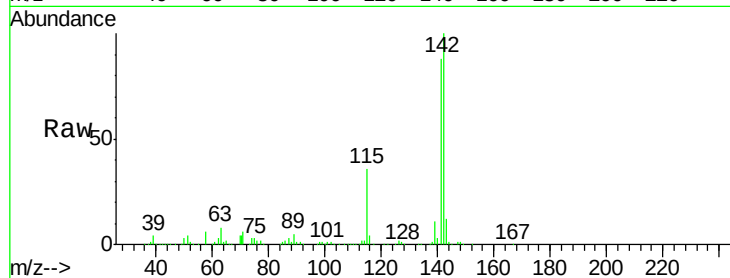
Tot Ion:142 Resp: 883728

Ion Ratio Lower Upper

142 100

141 87.5 72.2 108.2

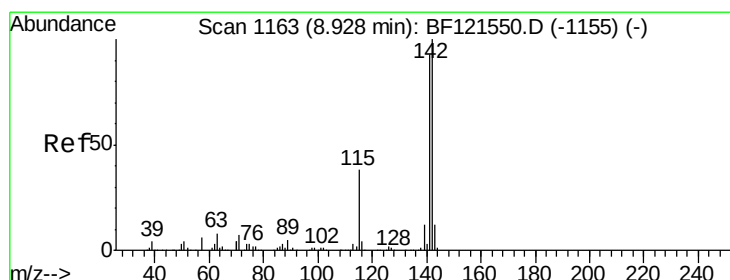
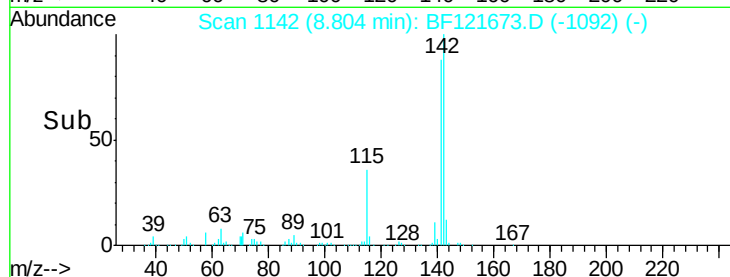
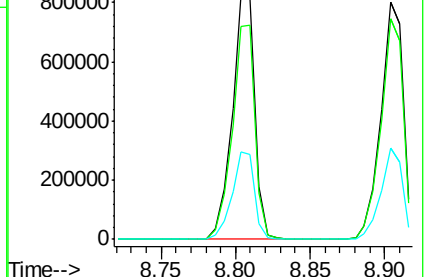
115 36.1 28.5 42.7



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: 44.525 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

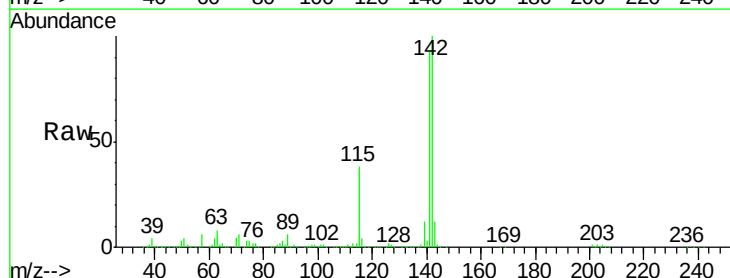
Tgt Ion:142 Resp: 826195

Ion Ratio Lower Upper

142 100

141 92.6 73.8 110.8

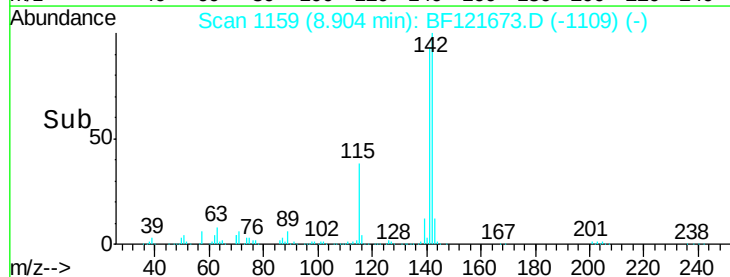
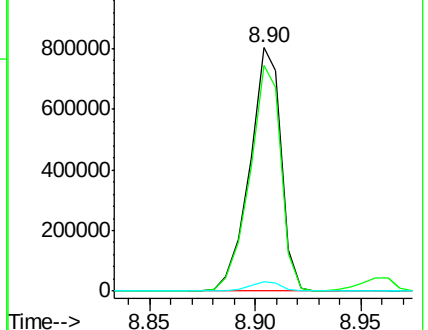
116 4.1 3.3 4.9

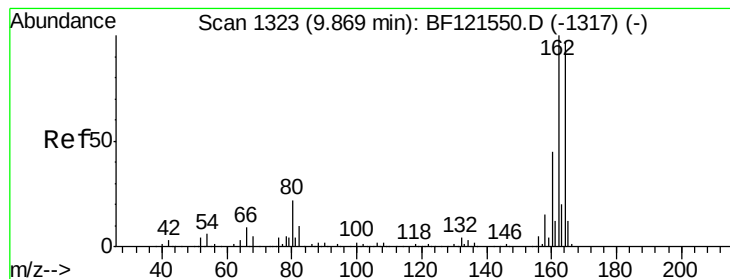


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

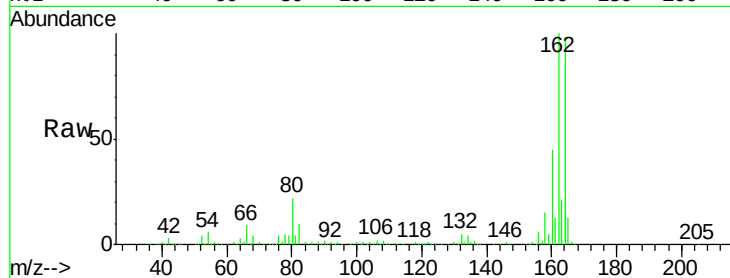
Tot Ion:164 Resp: 309003

Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

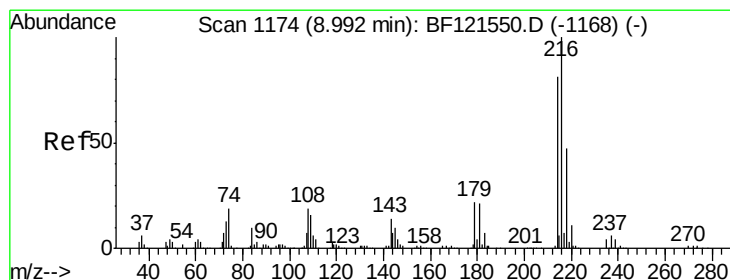
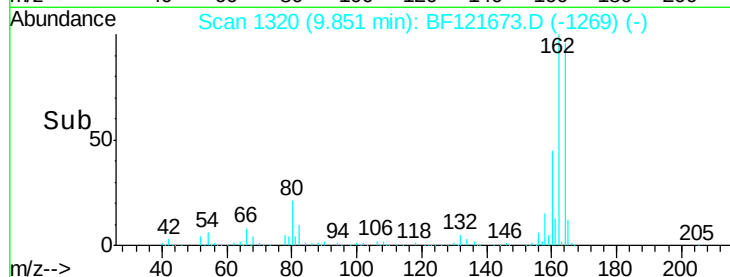
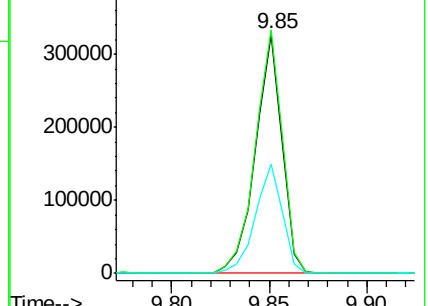
160 45.6 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.196 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Tgt Ion:216 Resp: 416942

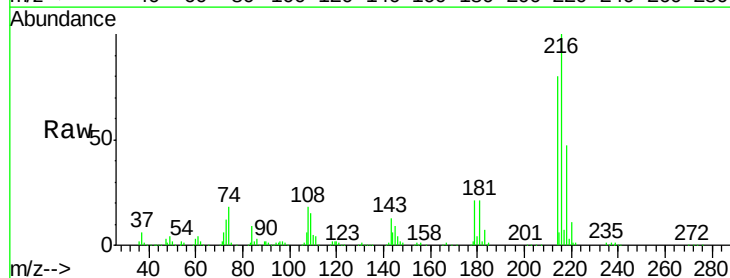
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 20.9 16.6 24.8

108 20.7 15.2 22.8

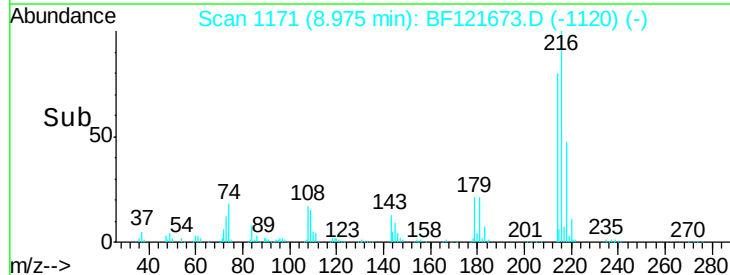
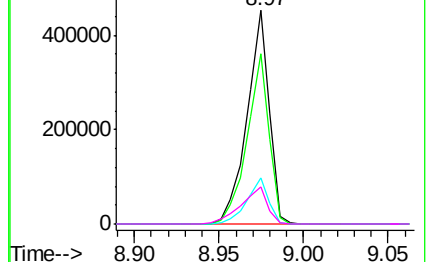


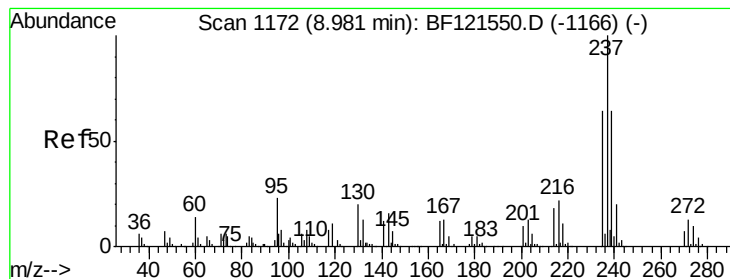
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 75.398 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

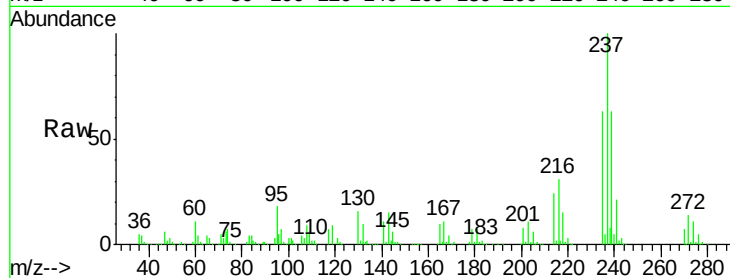
Tot Ion:237 Resp: 415604

Ion Ratio Lower Upper

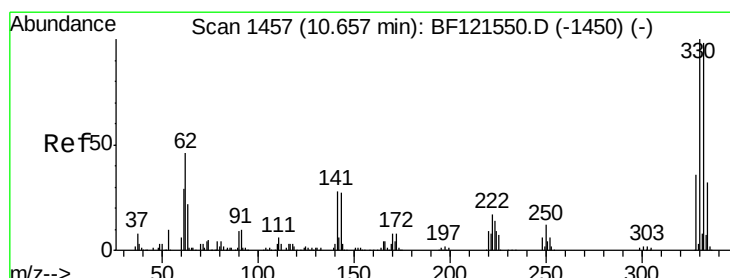
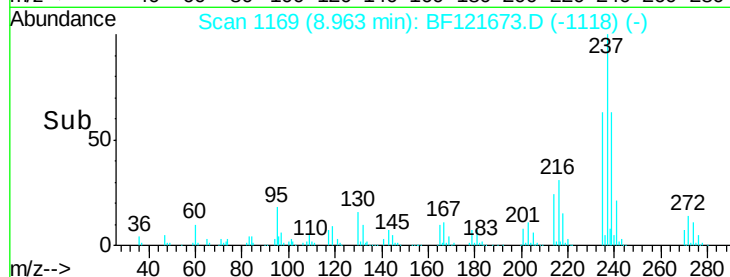
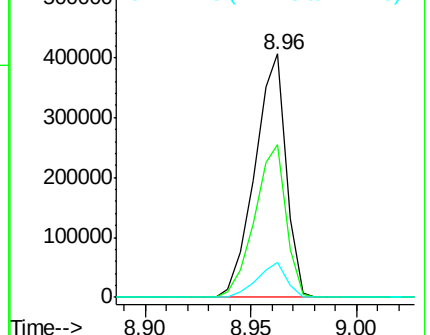
237 100

235 63.0 43.4 83.4

272 14.2 0.0 34.1



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: 135.041 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

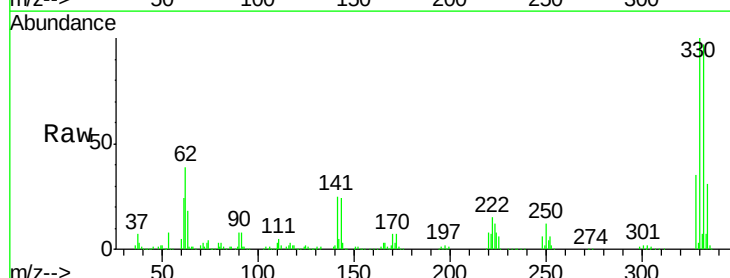
Tgt Ion:330 Resp: 518625

Ion Ratio Lower Upper

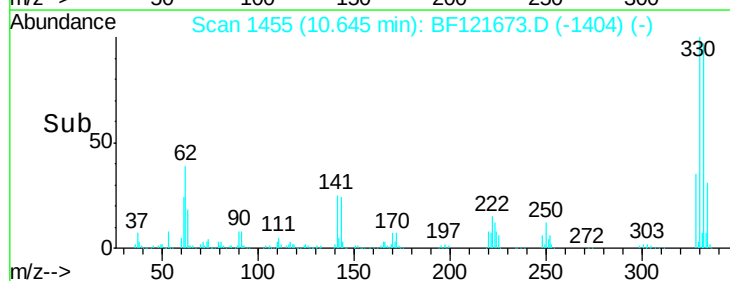
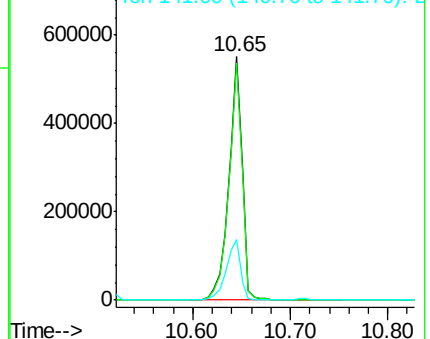
330 100

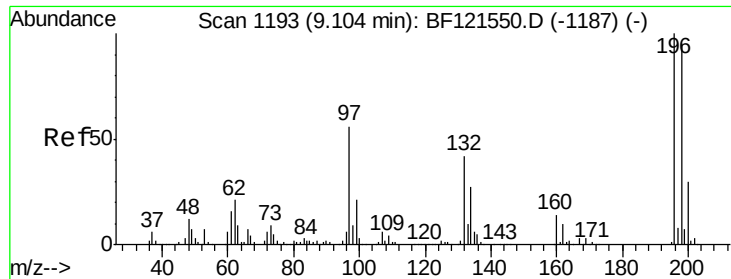
332 97.4 76.9 115.3

141 26.9 22.4 33.6



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

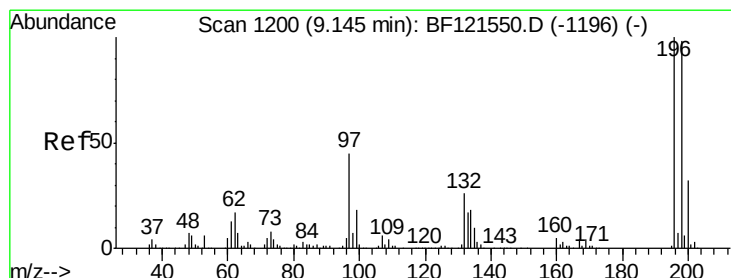
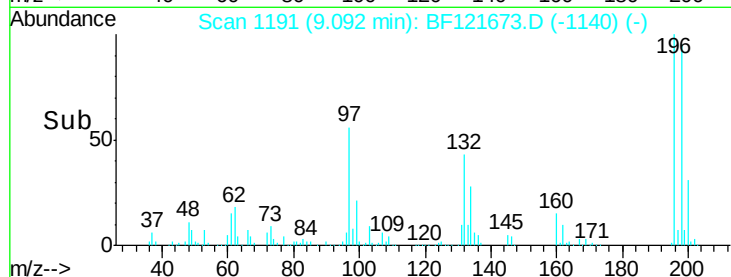
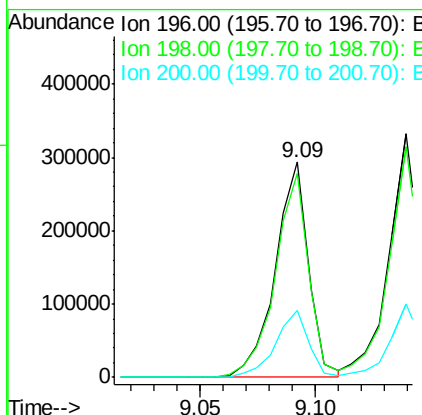
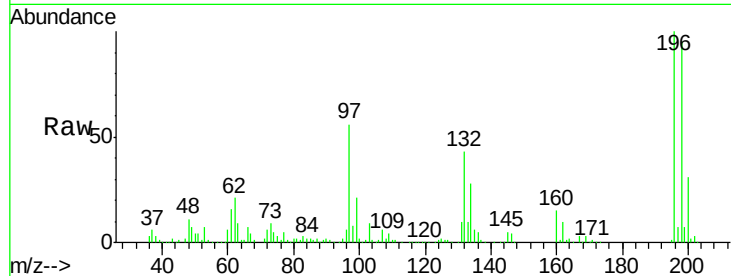




#43
 2,4,6-Trichlorophenol
 Concen: 44.478 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

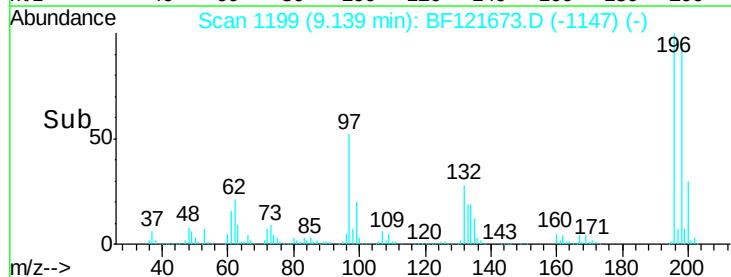
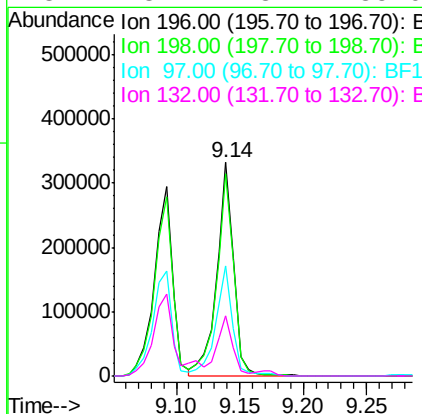
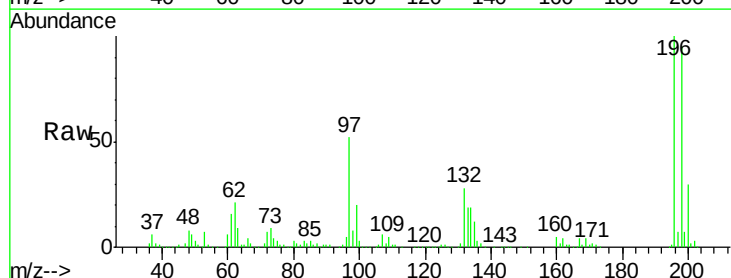
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

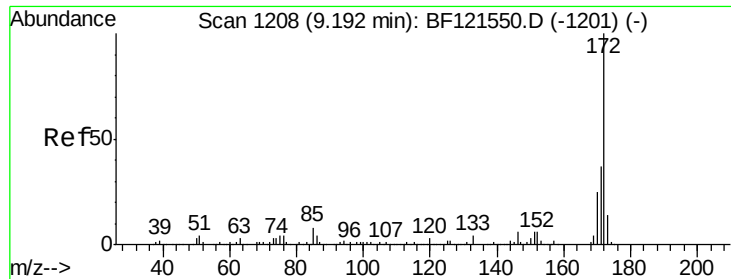
Tot Ion:196	Resp:	292626
Ion Ratio	Lower	Upper
196	100	
198	94.6	75.4 113.2
200	30.8	24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.950 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion:196	Resp:	312636
Ion Ratio	Lower	Upper
196	100	
198	94.9	74.3 111.5
97	51.6	44.2 66.2
132	28.2	23.4 35.0

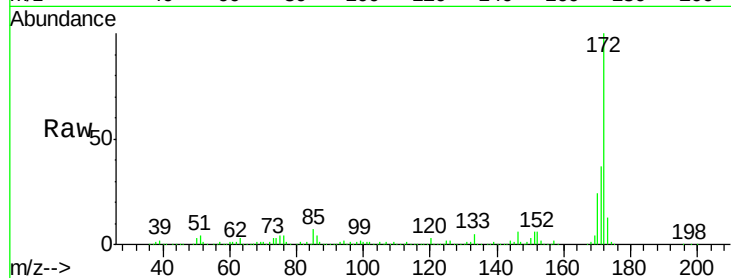




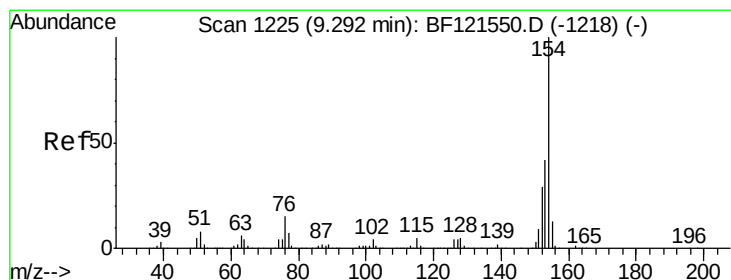
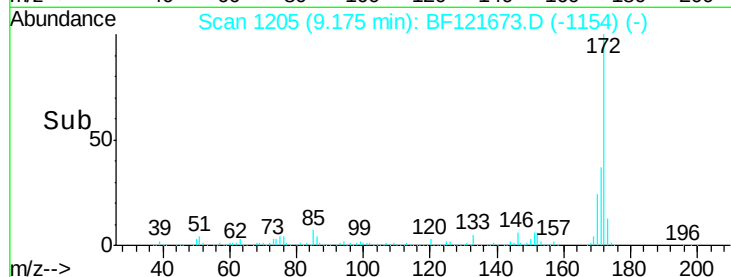
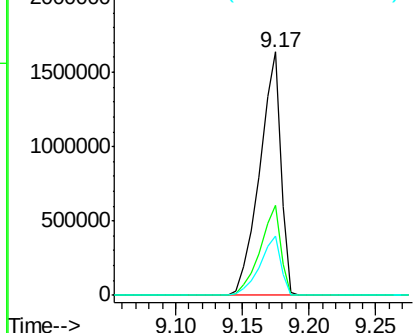
#45
2-Fluorobiphenyl
Concen: 87.154 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion:172 Resp: 1778158
Ion Ratio Lower Upper
172 100
171 37.2 29.3 43.9
170 24.4 19.5 29.3

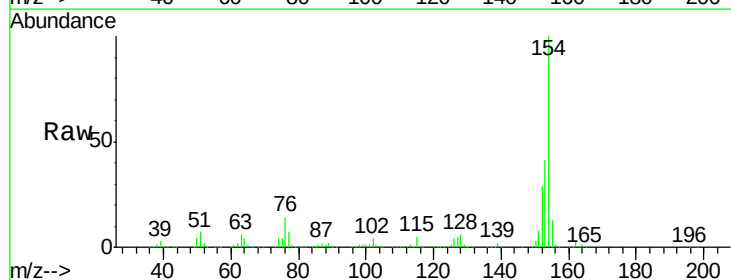


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

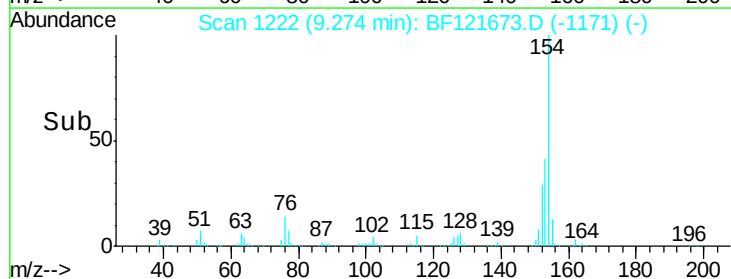
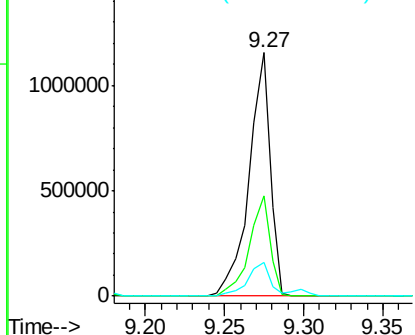


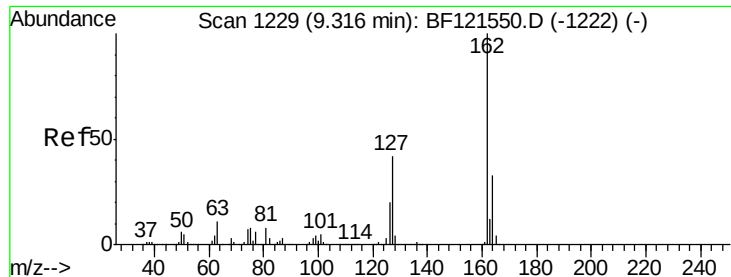
#46
1,1'-Biphenyl
Concen: 43.220 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:154 Resp: 1069166
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 13.7 0.0 34.1



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

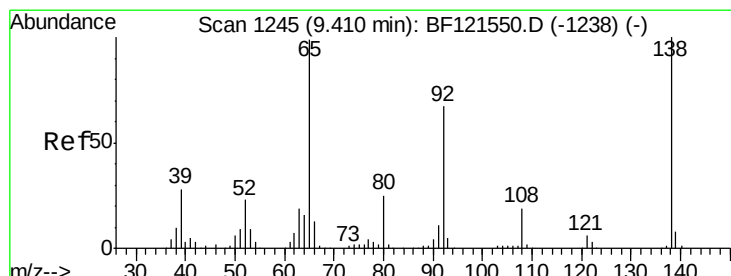
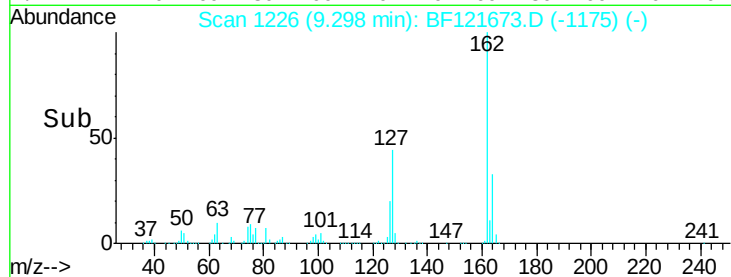
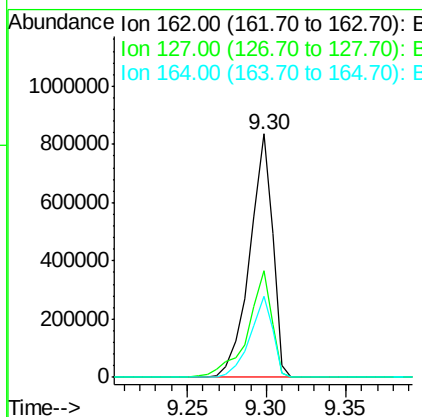
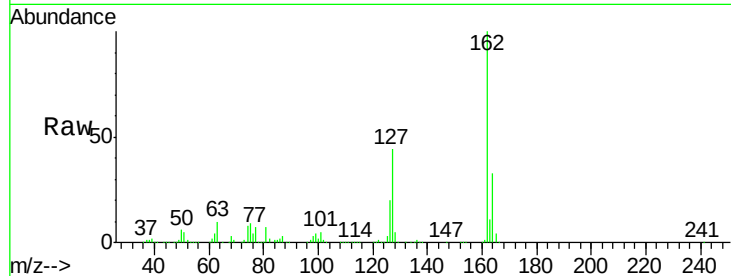




#47
 2-Chloronaphthalene
 Concen: 42.717 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

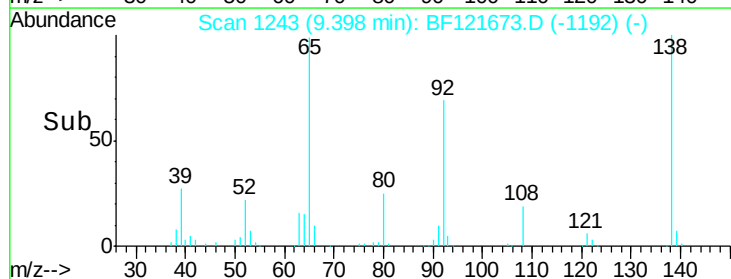
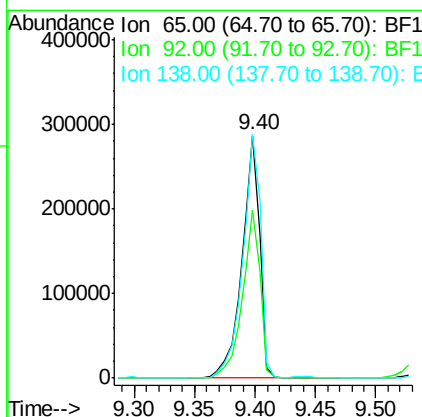
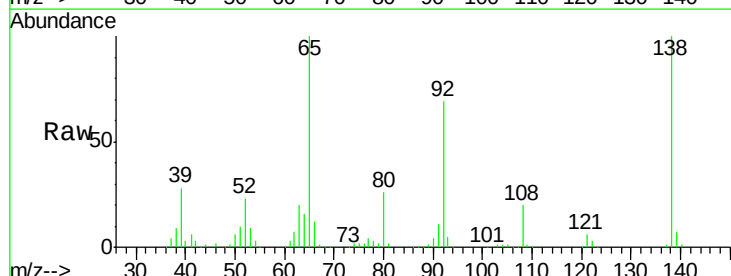
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

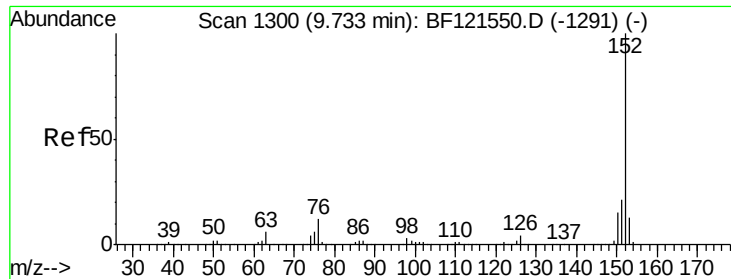
Tot Ion:162 Resp: 832725
 Ion Ratio Lower Upper
 162 100
 127 43.6 34.2 51.4
 164 33.5 27.0 40.4



#48
 2-Nitroaniline
 Concen: 48.234 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion: 65 Resp: 292187
 Ion Ratio Lower Upper
 65 100
 92 69.4 56.0 84.0
 138 100.2 84.7 127.1





#49

Acenaphthylene

Concen: 43.467 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

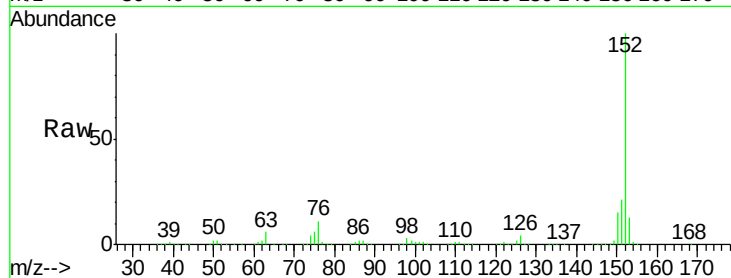
Tot Ion:152 Resp: 1301929

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

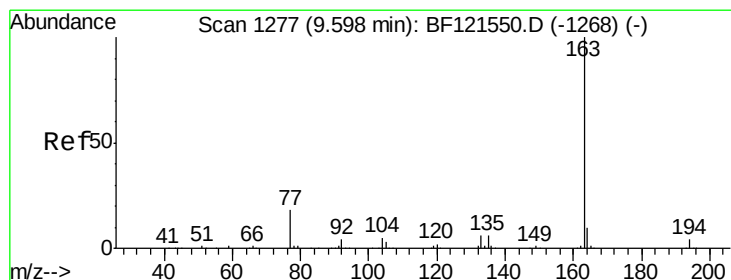
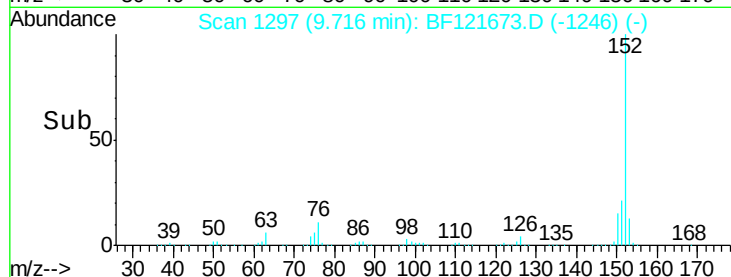
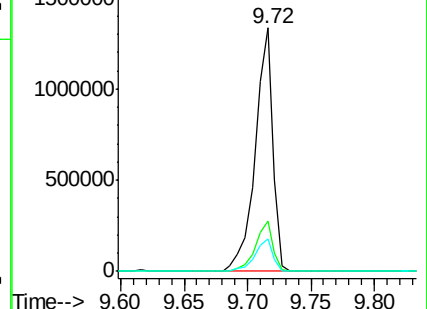
153 13.2 10.7 16.1



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: 46.131 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

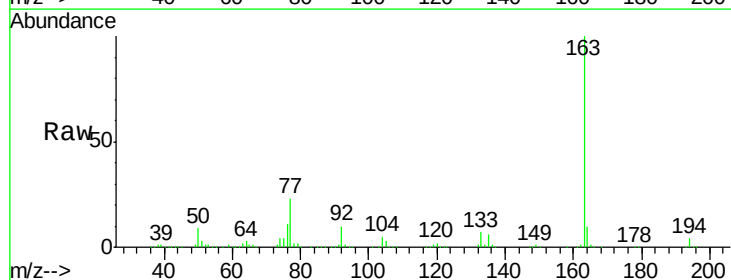
Tgt Ion:163 Resp: 1033143

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

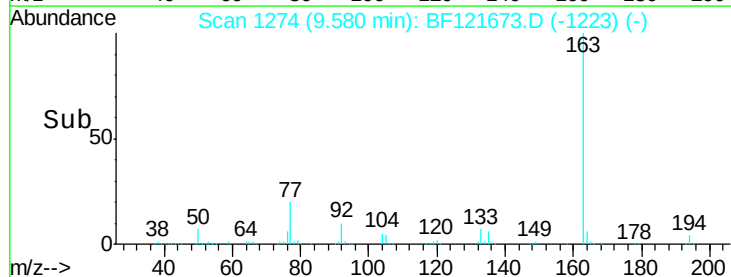
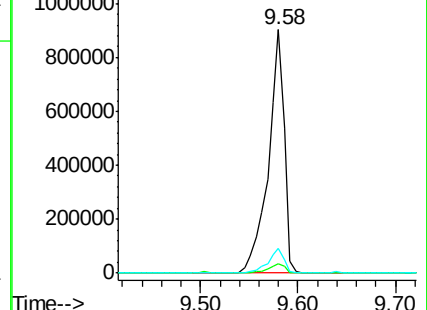
164 10.3 8.0 12.0

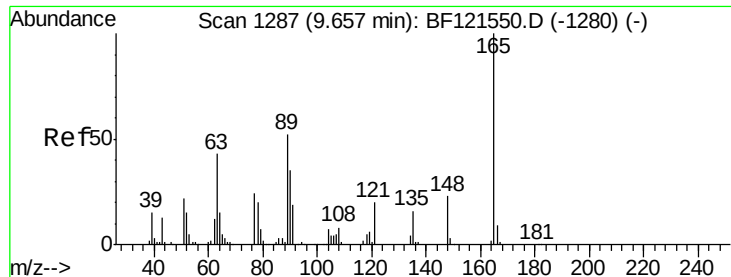


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

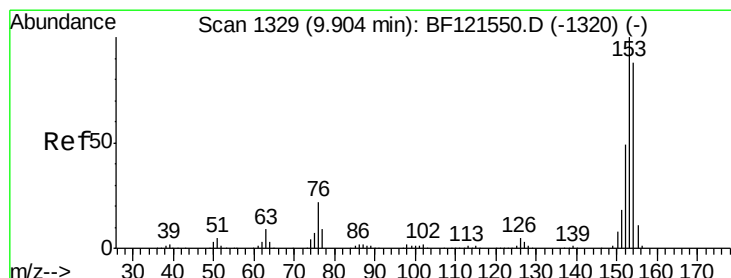
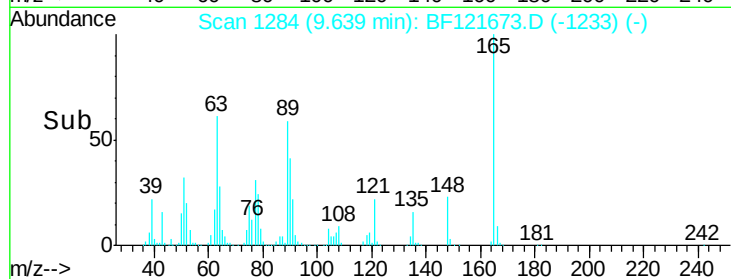
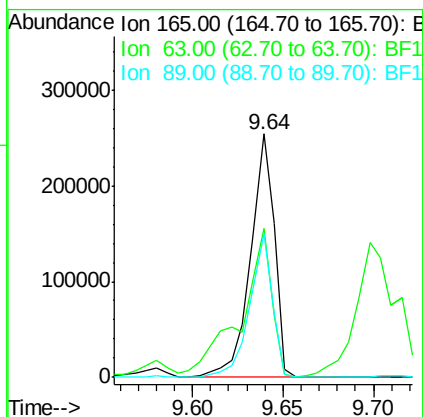
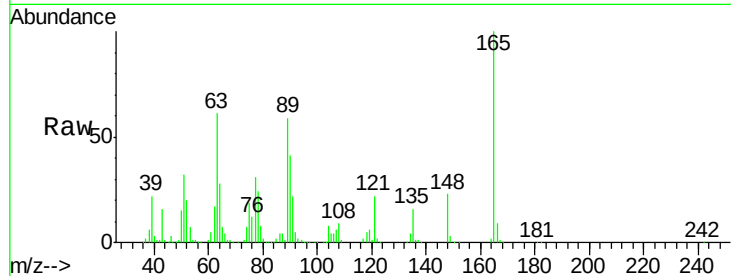




#51
 2,6-Dinitrotoluene
 Concen: 48.797 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

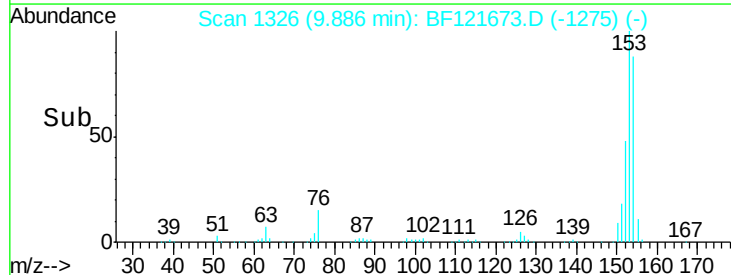
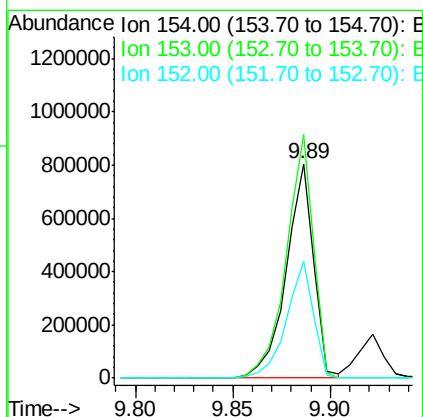
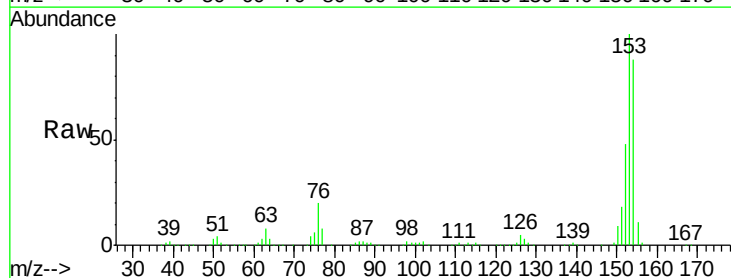
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

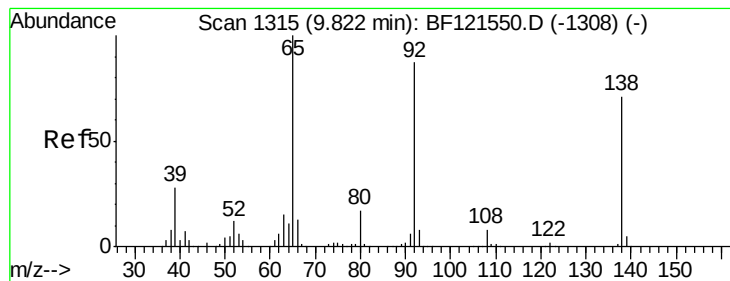
Tot Ion:165 Resp: 232741
 Ion Ratio Lower Upper
 165 100
 63 61.3 47.6 71.4
 89 59.0 46.0 69.0



#52
 Acenaphthene
 Concen: 41.337 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion:154 Resp: 782005
 Ion Ratio Lower Upper
 154 100
 153 113.7 89.9 134.9
 152 54.7 43.8 65.6





#53

3-Nitroaniline

Concen: 26.314 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

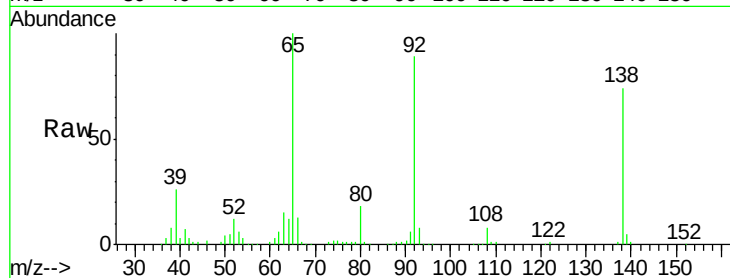
Tot Ion:138 Resp: 145392

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

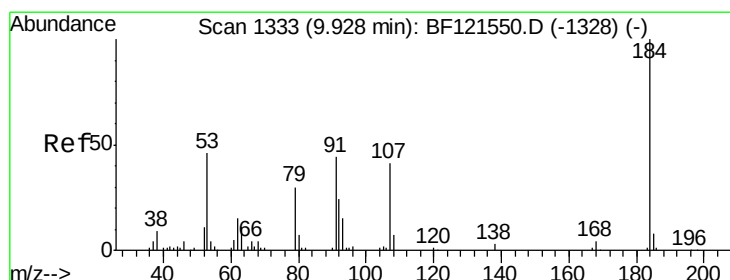
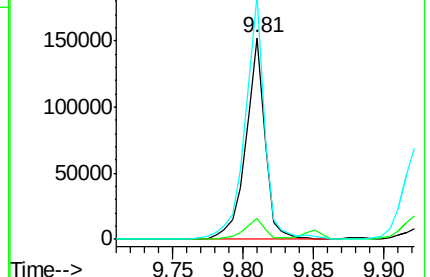
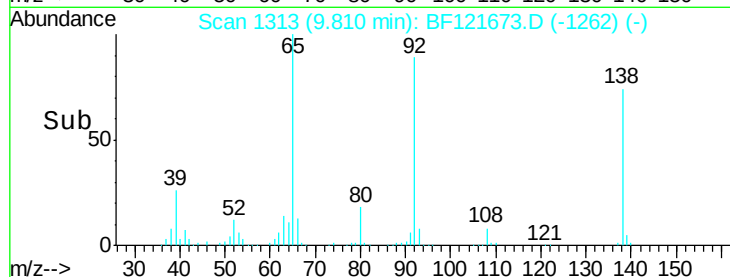
92 120.7 96.5 144.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 95.329 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

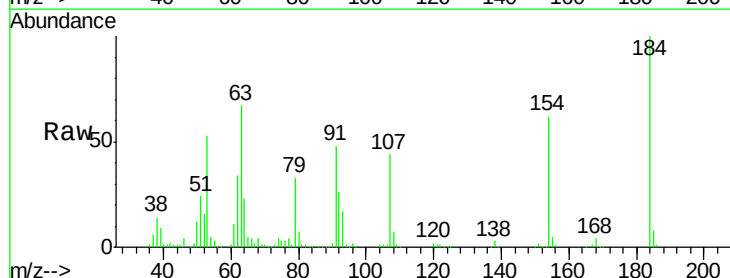
Tgt Ion:184 Resp: 267624

Ion Ratio Lower Upper

184 100

63 66.7 51.5 77.3

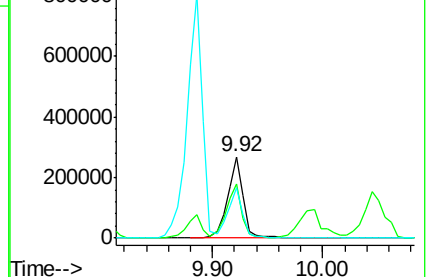
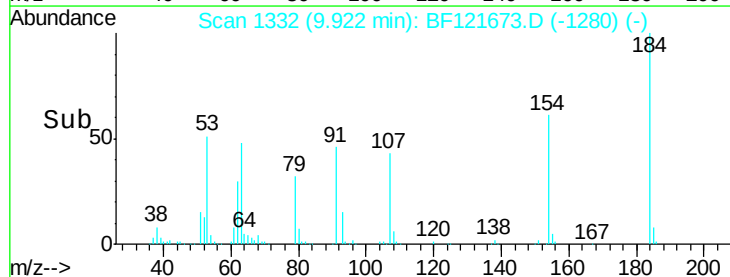
154 61.5 46.6 70.0

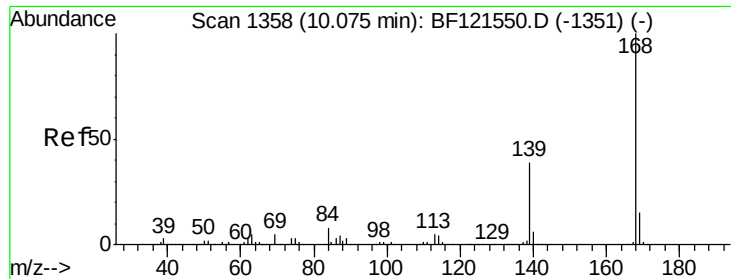


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

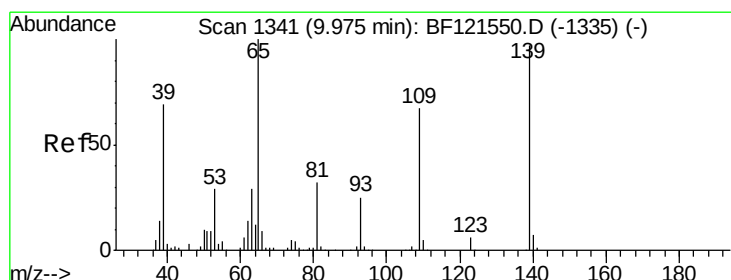
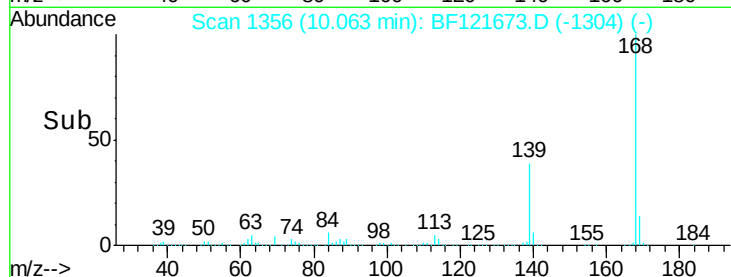
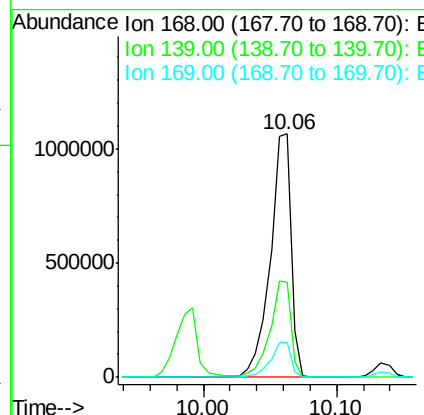
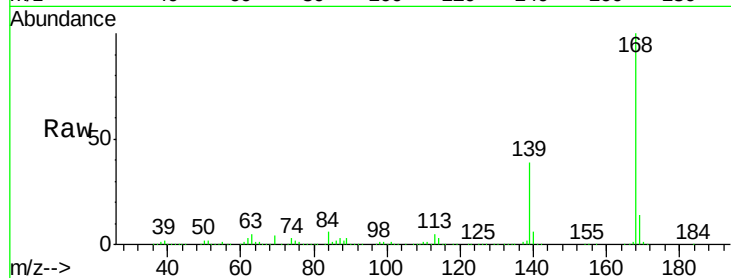




#55
Dibenzofuran
Concen: 43.497 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

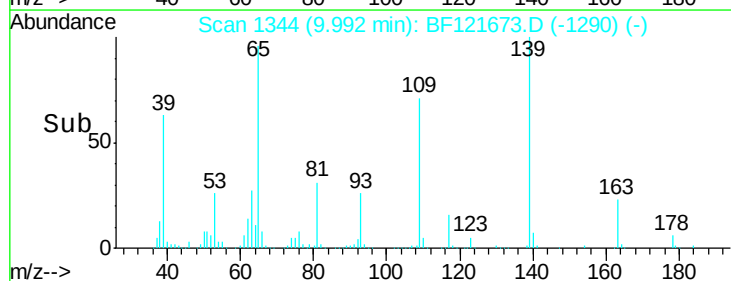
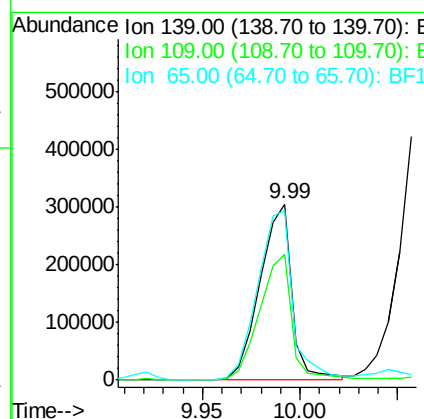
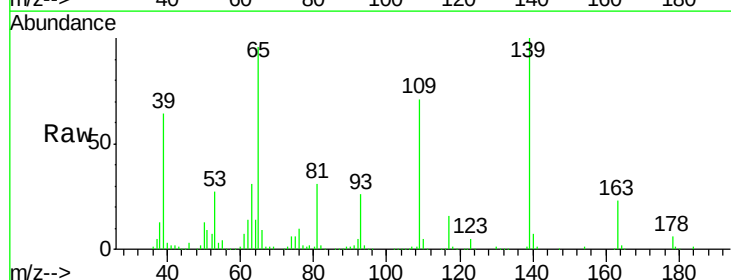
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

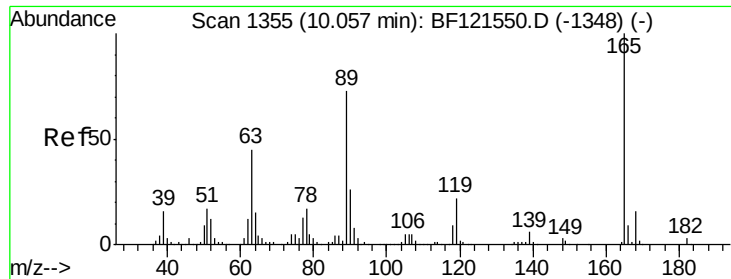
Tot Ion:168 Resp: 1158828
Ion Ratio Lower Upper
168 100
139 38.8 31.8 47.8
169 14.1 11.6 17.4



#56
4-Nitrophenol
Concen: 78.928 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:139 Resp: 347792
Ion Ratio Lower Upper
139 100
109 71.2 48.1 88.1
65 96.4 74.7 114.7

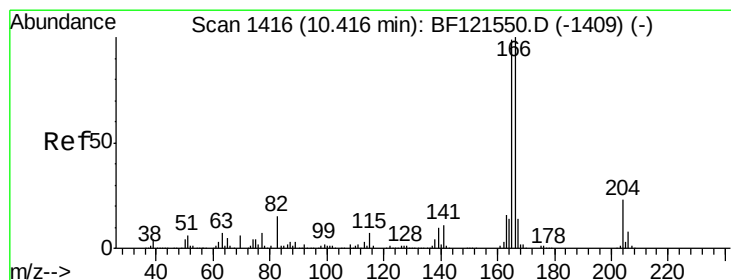
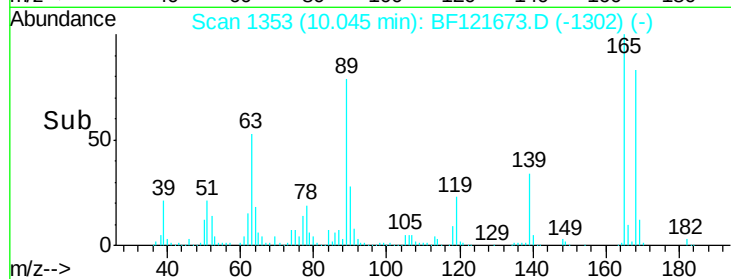
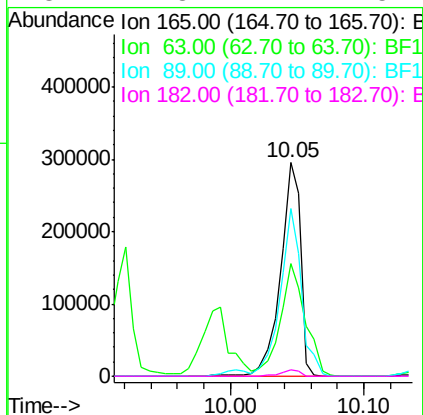
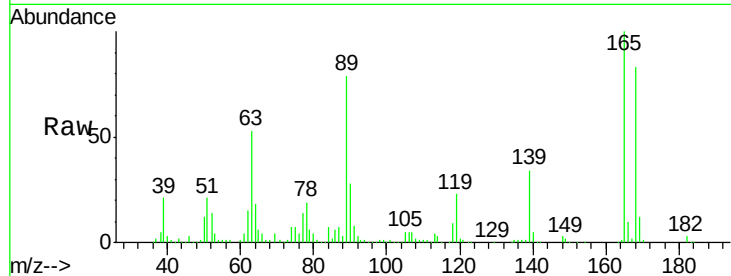




#57
2,4-Dinitrotoluene
Concen: 52.129 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

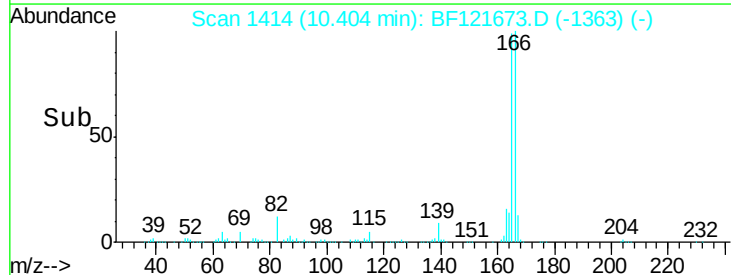
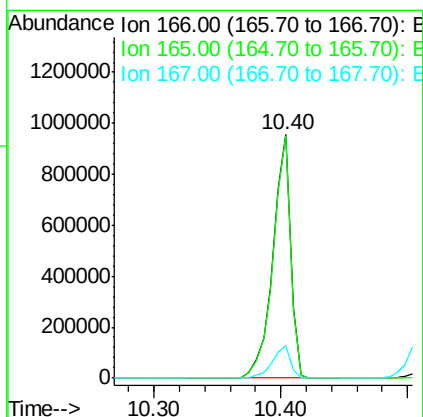
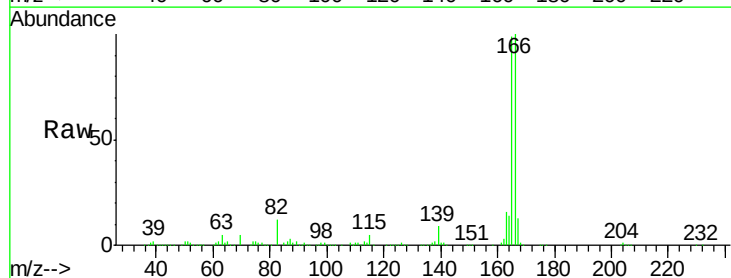
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

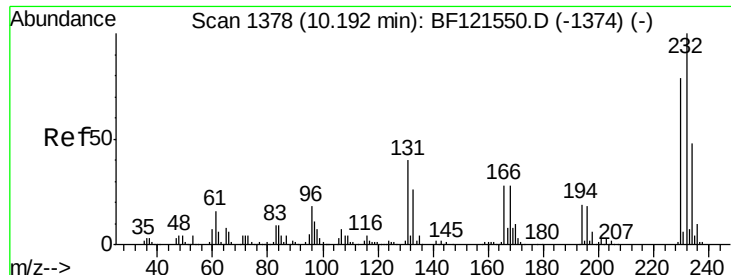
Tot Ion:165 Resp: 312797
Ion Ratio Lower Upper
165 100
63 52.6 36.7 55.1
89 78.7 57.7 86.5
182 2.8 2.1 3.1



#58
Fluorene
Concen: 45.057 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:166 Resp: 917961
Ion Ratio Lower Upper
166 100
165 99.3 80.1 120.1
167 13.3 10.8 16.2

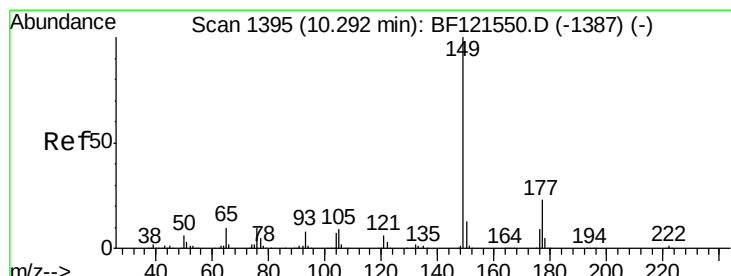
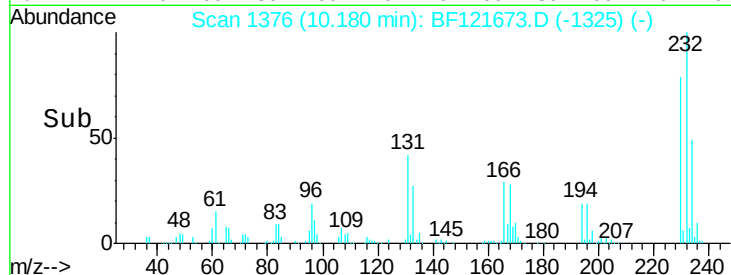
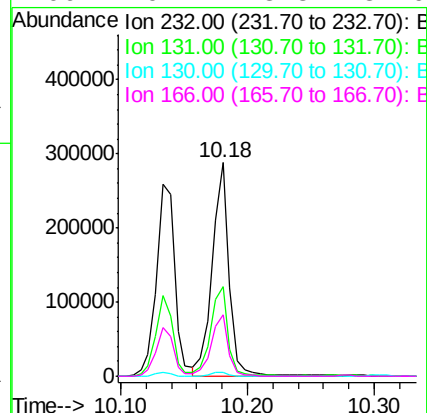
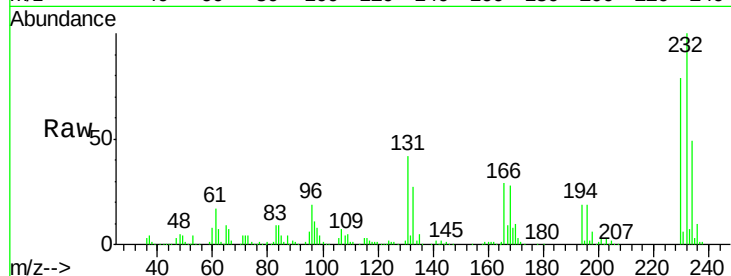




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.287 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

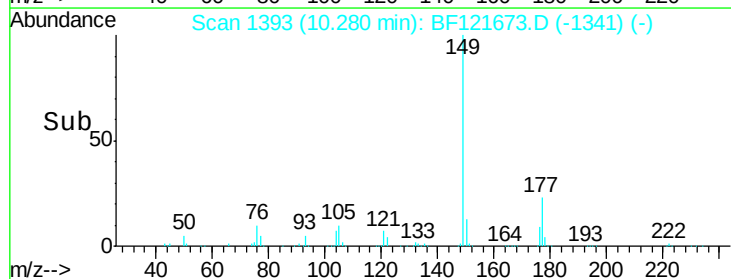
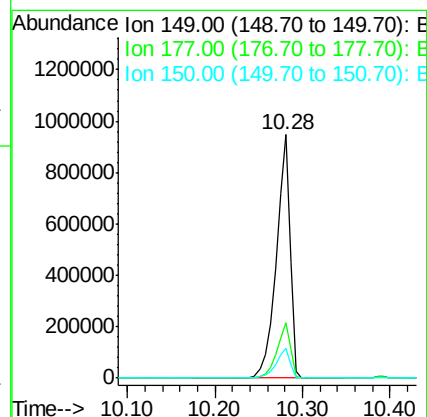
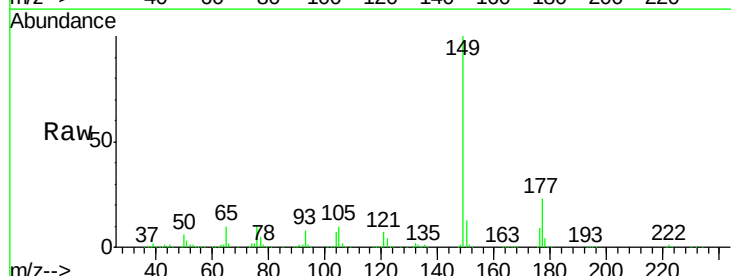
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

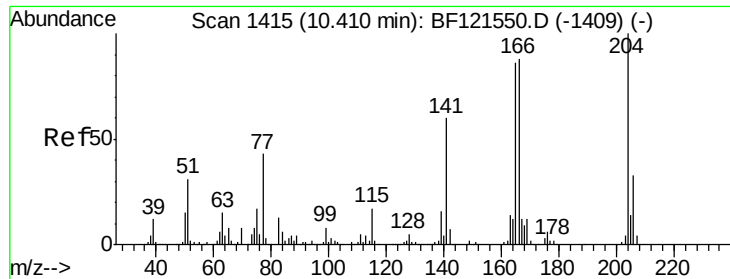
Tot Ion:	232	Resp:	267378
Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.1	52.7
130	2.2	1.6	2.4
166	29.7	23.3	34.9



#60
 Diethylphthalate
 Concen: 47.119 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion:	149	Resp:	1028873
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	12.5	9.8	14.8

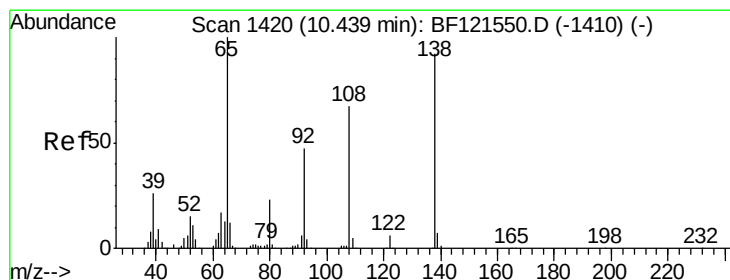
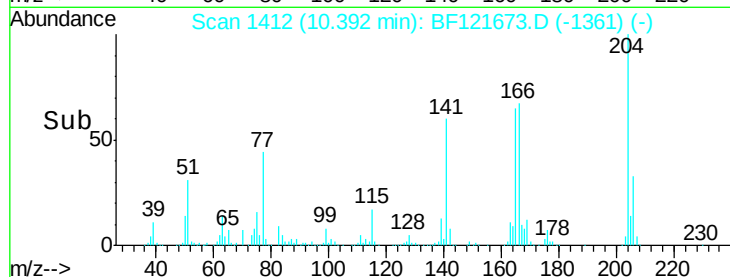
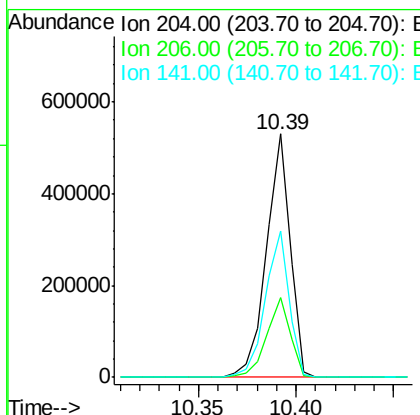
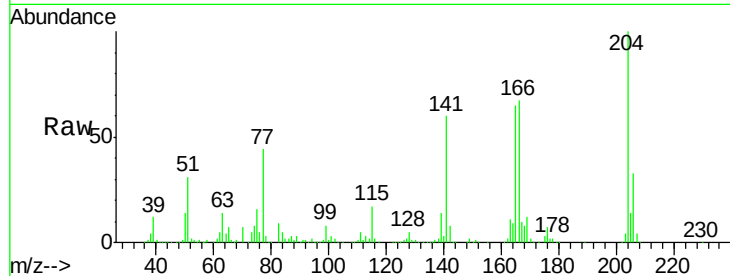




#61
4-Chlorophenyl-phenylether
Concen: 45.820 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

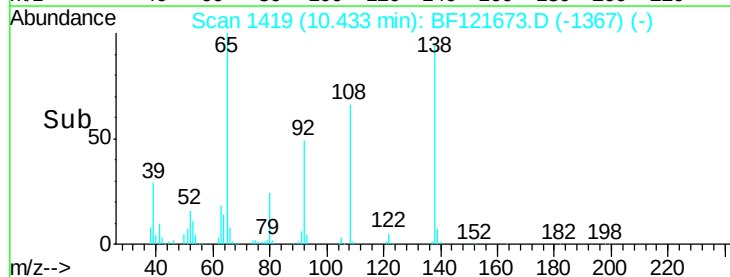
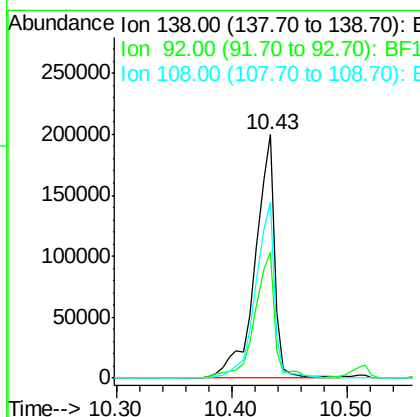
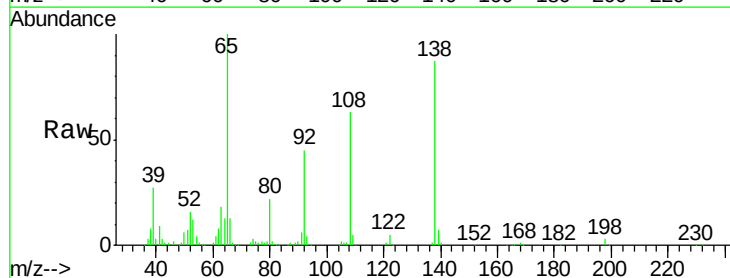
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

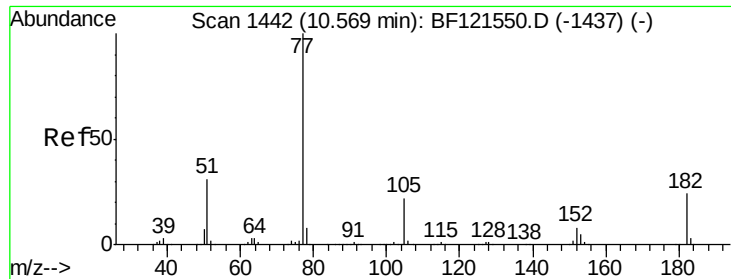
Tot Ion:204 Resp: 447186
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 60.2 50.4 75.6



#62
4-Nitroaniline
Concen: 43.288 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:138 Resp: 237484
Ion Ratio Lower Upper
138 100
92 51.8 34.8 74.8
108 72.4 55.5 95.5





#63

Azobenzene

Concen: 43.729 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

Tot Ion: 77 Resp: 1016829

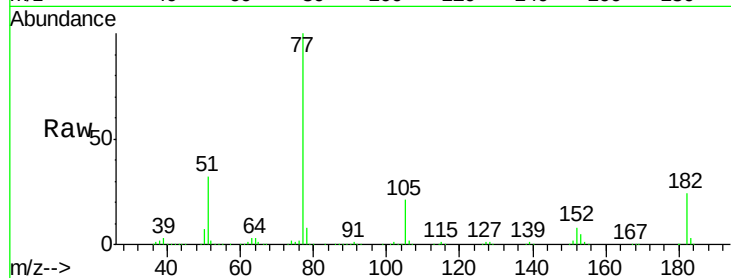
Ion Ratio Lower Upper

77 100

182 23.5 6.8 46.8

105 21.5 2.2 42.2

51 31.6 10.7 50.7

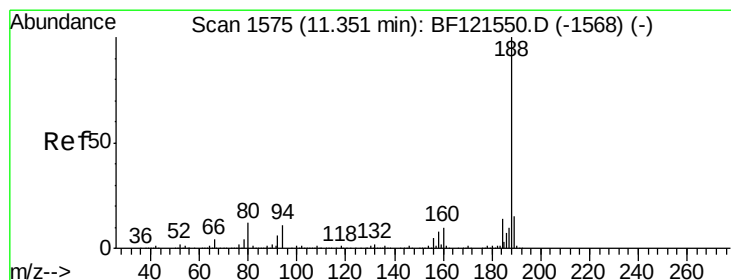
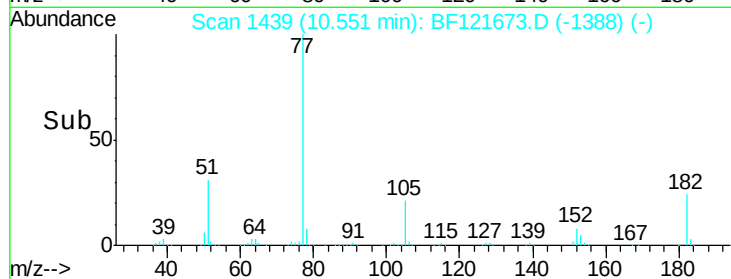
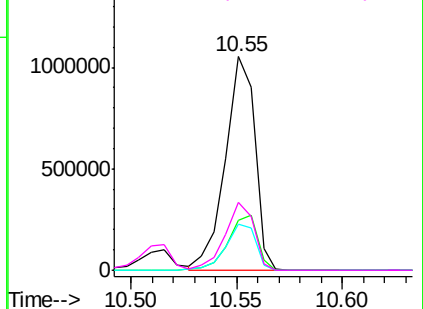


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

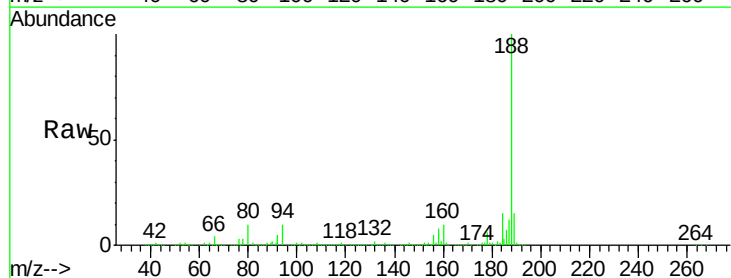
Tgt Ion: 188 Resp: 605662

Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

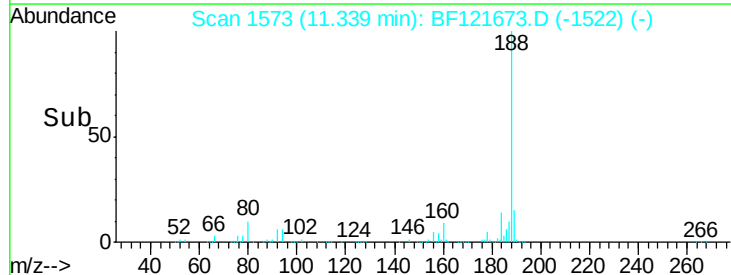
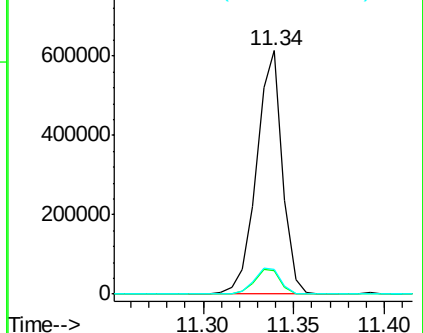
80 10.3 9.0 13.4

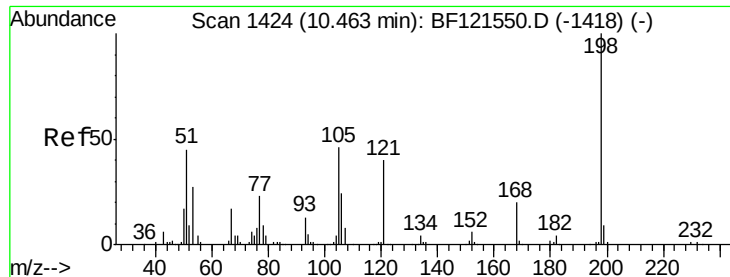


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

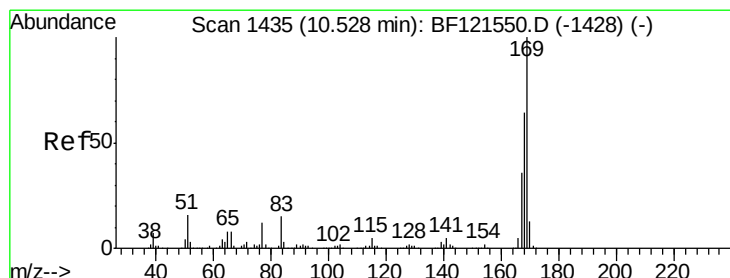
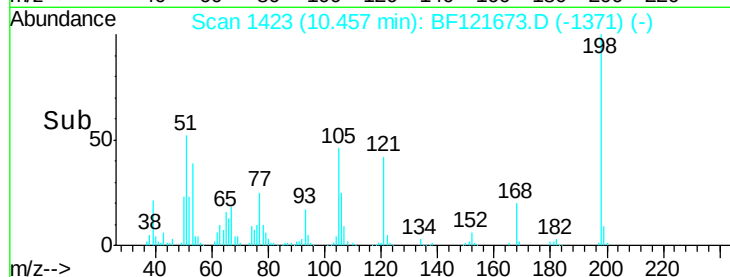
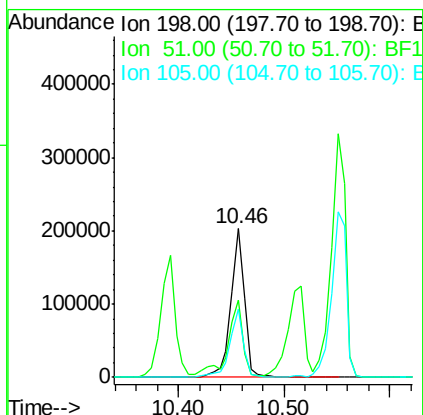
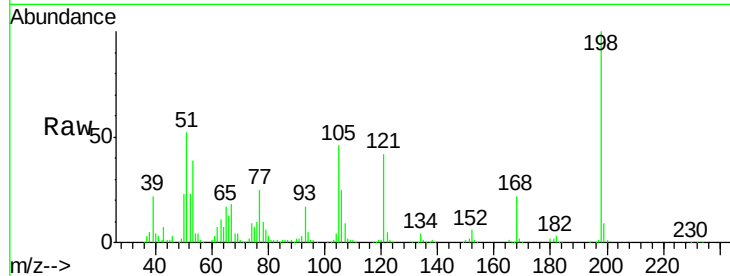




#65
4,6-Dinitro-2-methylphenol
Concen: 48.477 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

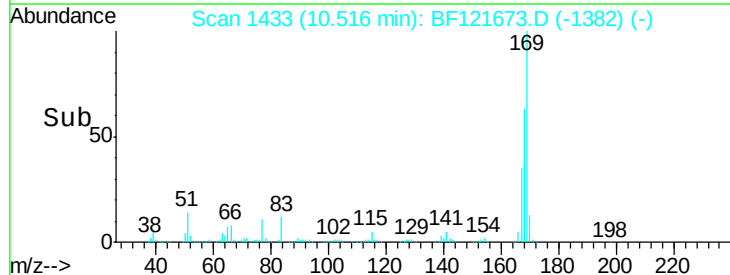
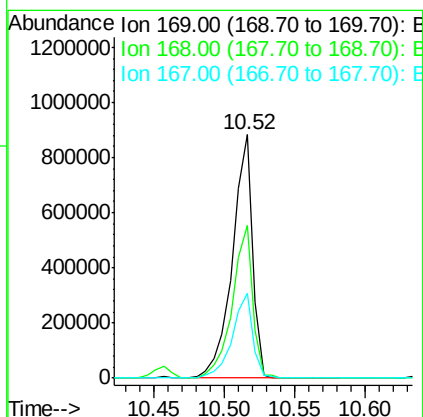
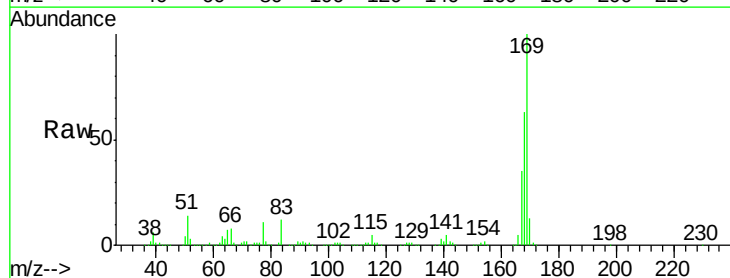
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

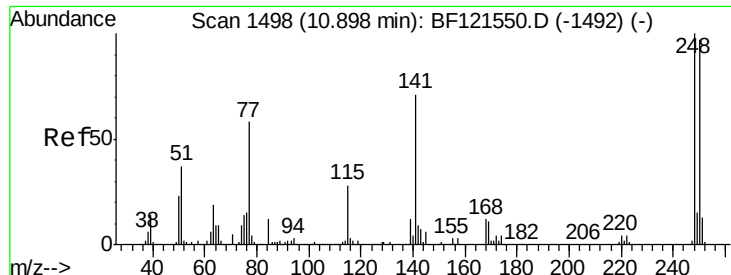
Tot Ion:198 Resp: 180462
Ion Ratio Lower Upper
198 100
51 51.9 20.3 60.3
105 45.7 20.2 60.2



#66
n-Nitrosodiphenylamine
Concen: 42.024 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:169 Resp: 873213
Ion Ratio Lower Upper
169 100
168 62.8 51.8 77.8
167 34.9 28.4 42.6

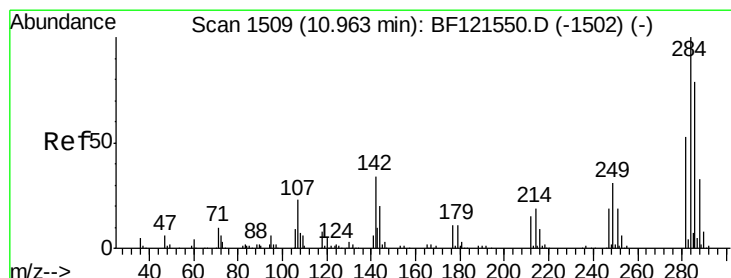
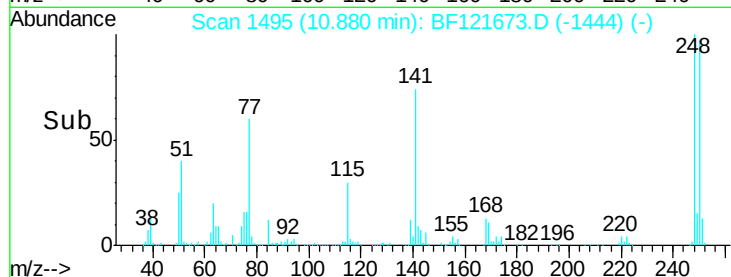
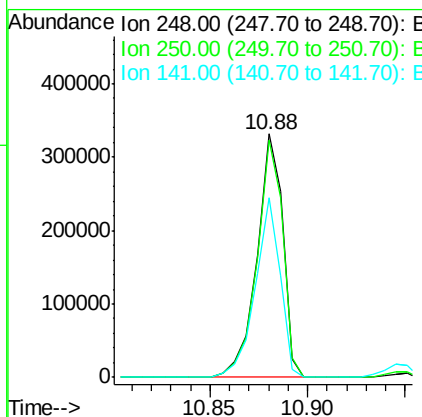
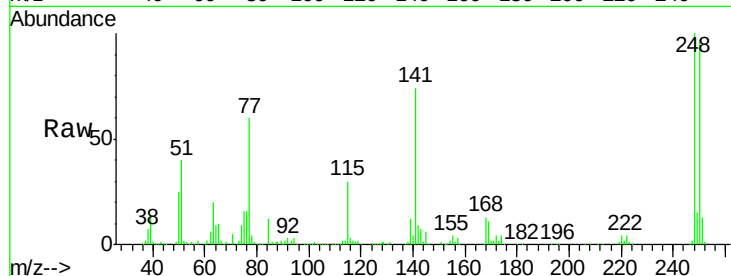




#67
4-Bromophenyl-phenylether
Concen: 44.081 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

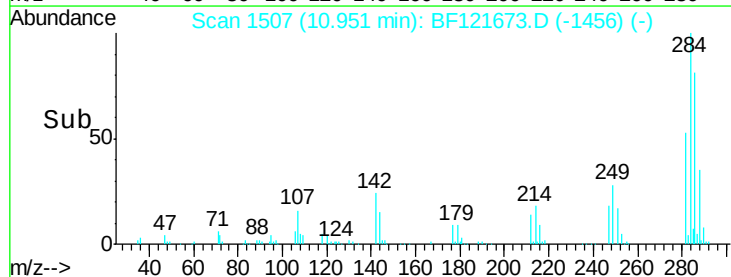
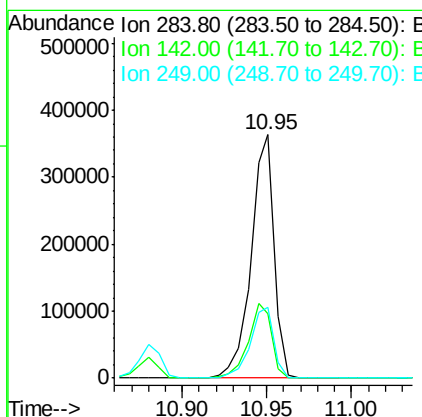
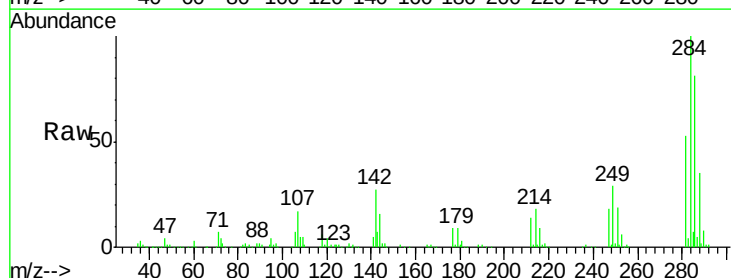
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

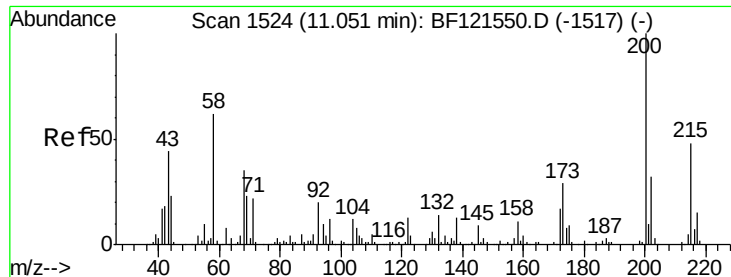
Tot Ion:248 Resp: 303970
Ion Ratio Lower Upper
248 100
250 97.4 79.4 119.0
141 73.5 52.2 78.4



#68
Hexachlorobenzene
Concen: 44.461 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:284 Resp: 345996
Ion Ratio Lower Upper
284 100
142 26.6 24.0 36.0
249 29.2 23.9 35.9

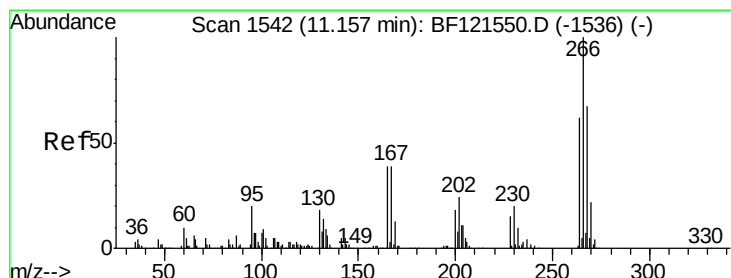
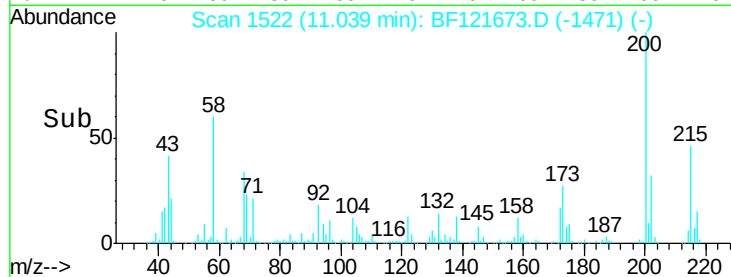
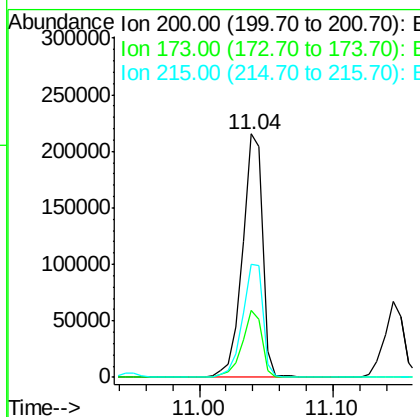
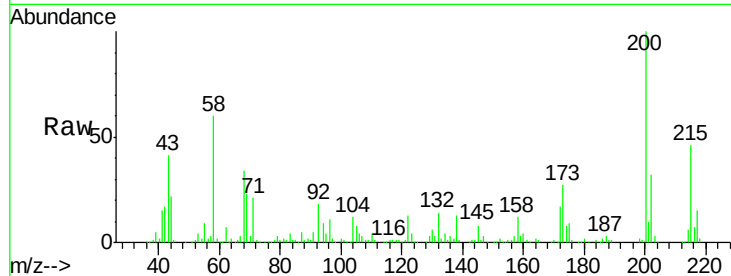




#69
 Atrazine
 Concen: 43.500 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

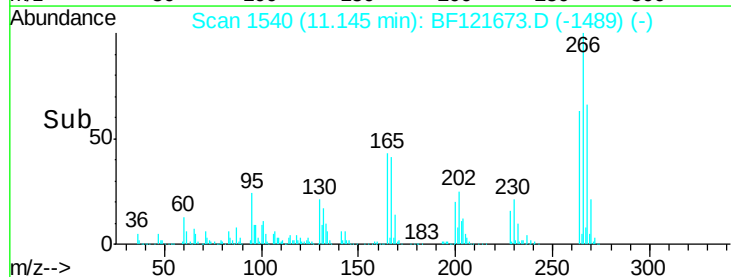
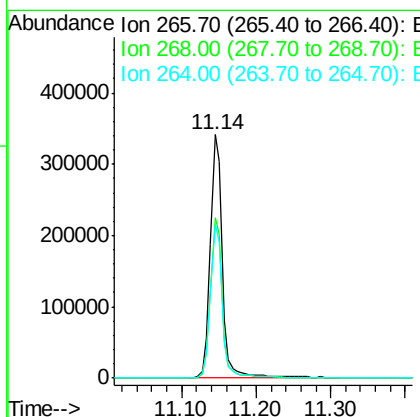
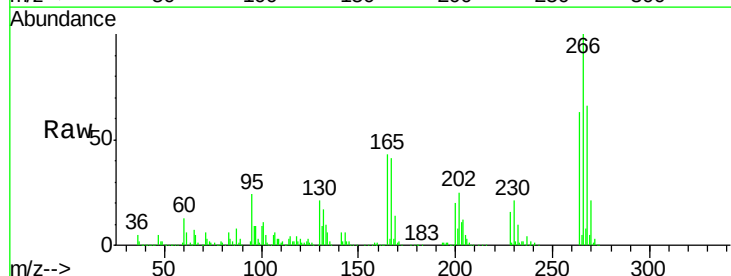
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

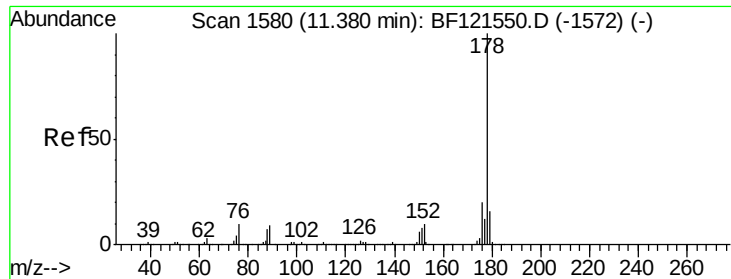
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.0	46.0
215	46.3	28.4	68.4



#70
 Pentachlorophenol
 Concen: 90.260 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	54.6	81.8
264	63.5	51.1	76.7

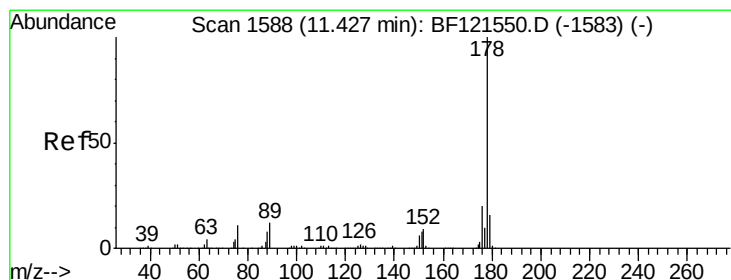
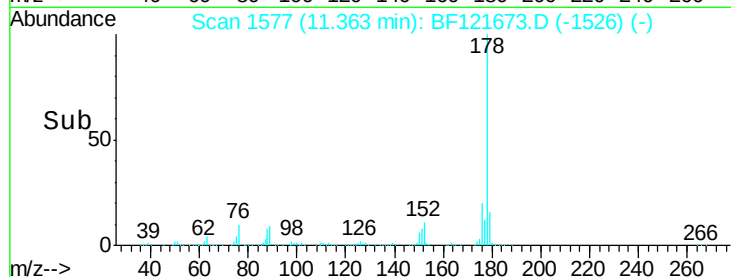
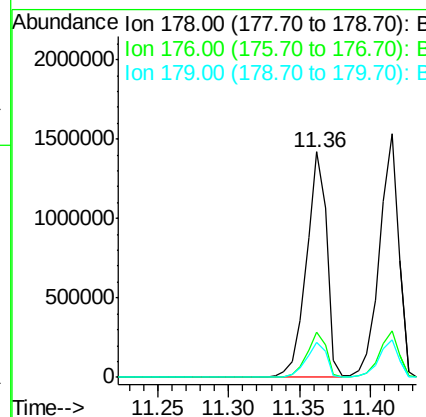
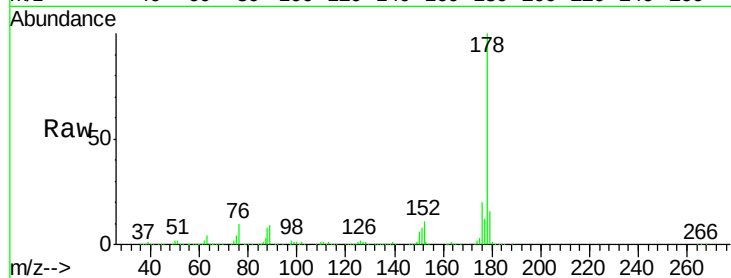




#71
Phenanthrene
Concen: 42.627 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

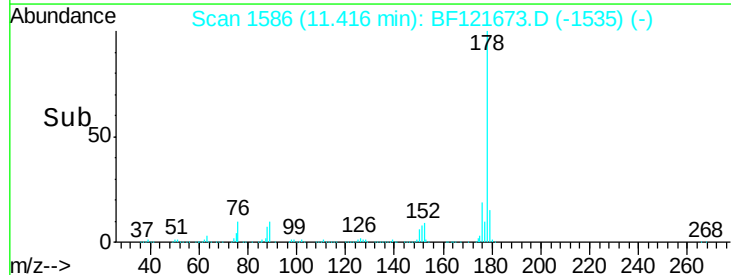
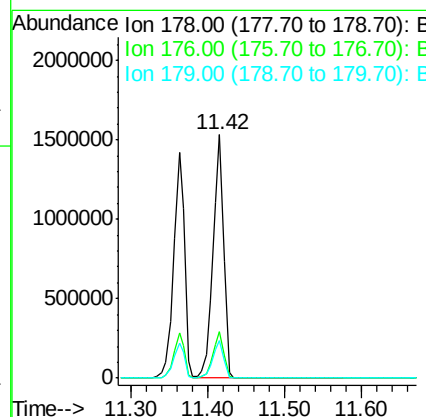
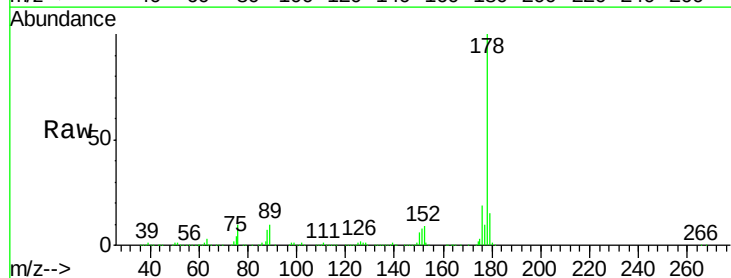
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

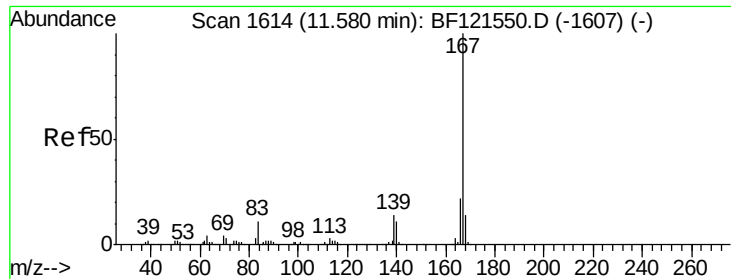
Tot Ion:178 Resp: 1406656
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.8 12.6 18.8



#72
Anthracene
Concen: 42.922 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:178 Resp: 1461630
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.5 12.6 19.0



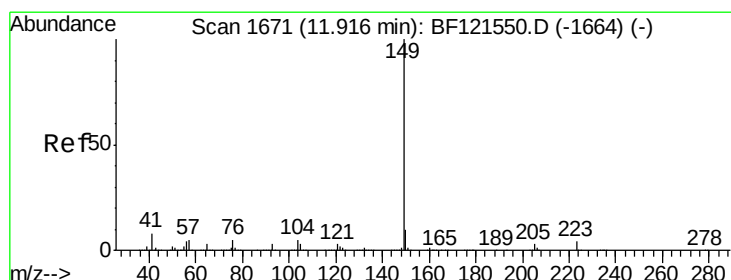
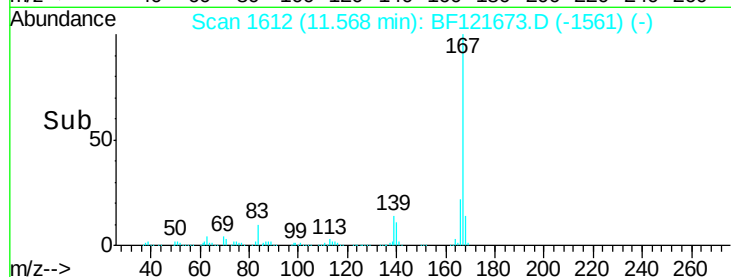
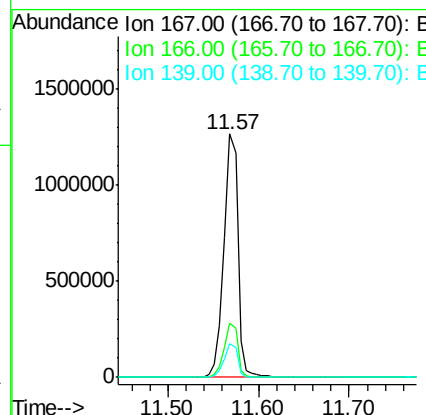
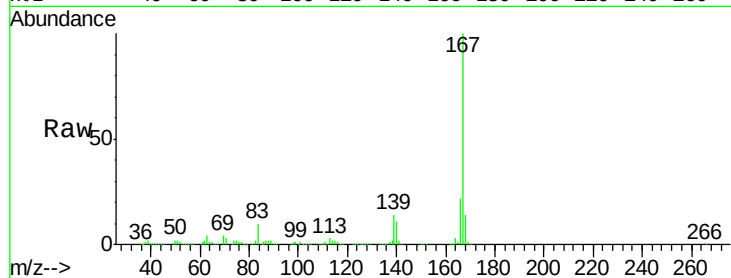


#73
 Carbazole
 Concen: 43.792 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion:167 Resp: 1345737

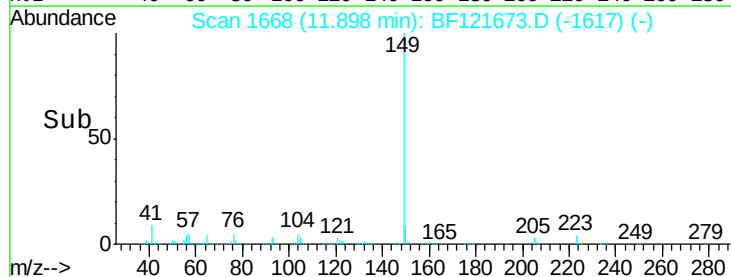
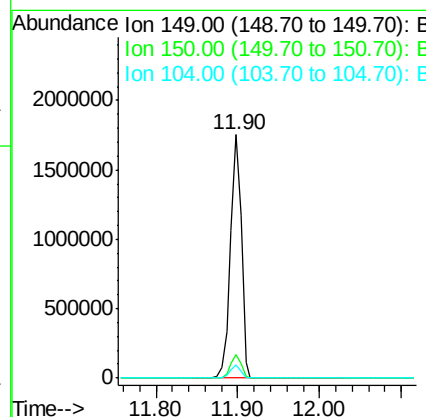
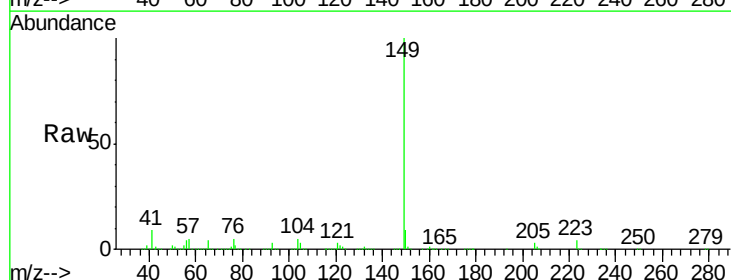
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.7	10.9	16.3

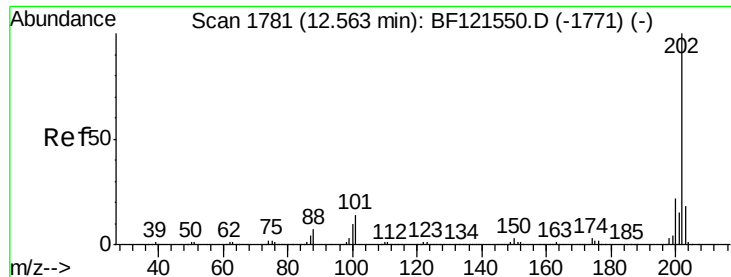


#74
 Di-n-butylphthalate
 Concen: 45.375 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion:149 Resp: 1609333

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.4	4.2	6.2

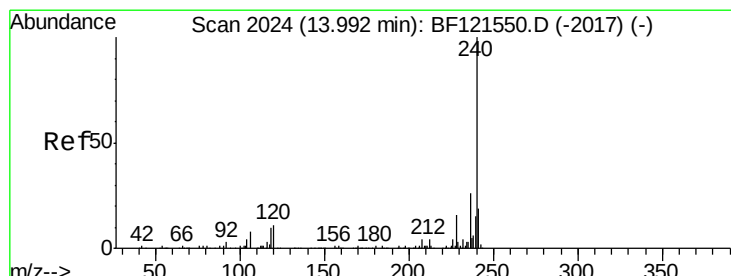
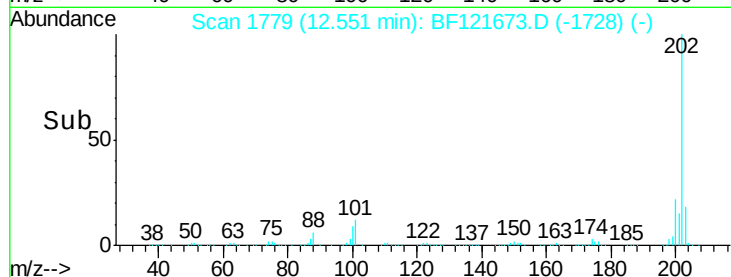
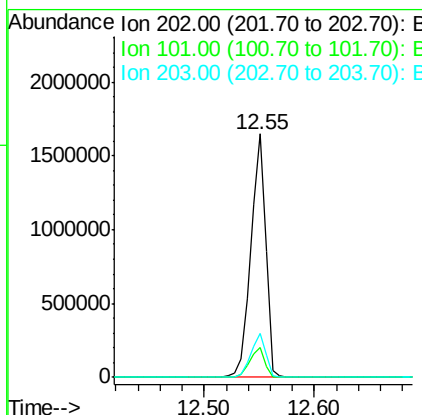
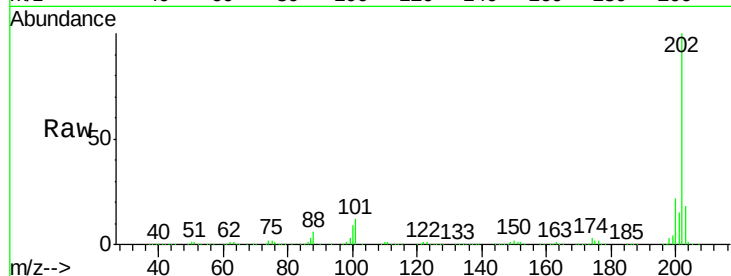




#75
Fluoranthene
Concen: 44.545 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

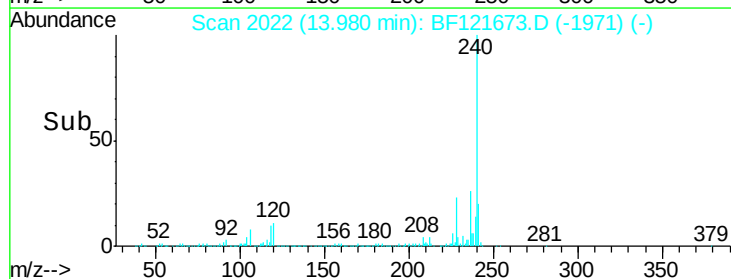
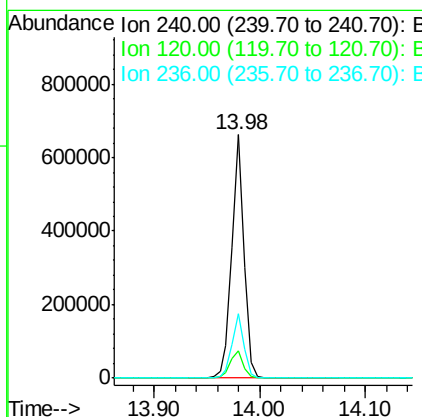
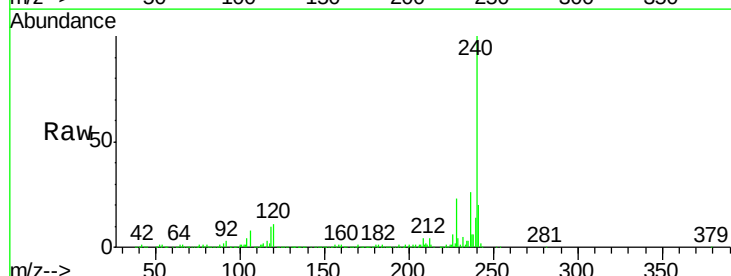
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

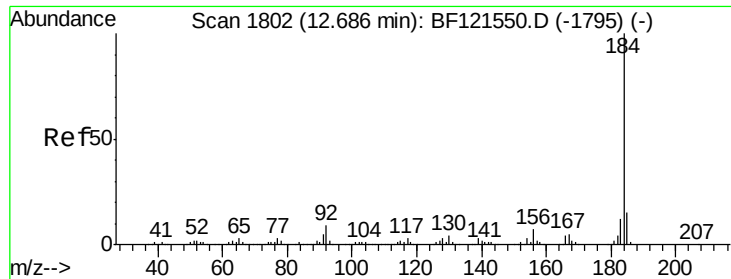
Tot Ion:202 Resp: 1569149
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.9
203 18.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:240 Resp: 524089
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 26.4 20.4 30.6

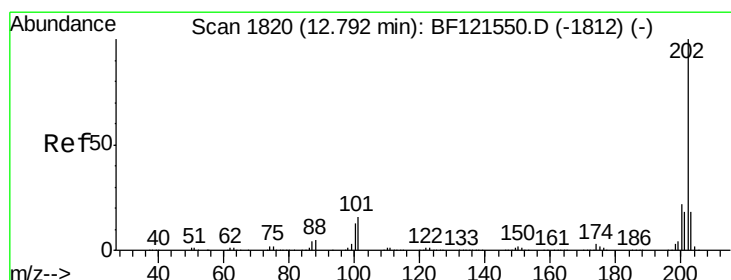
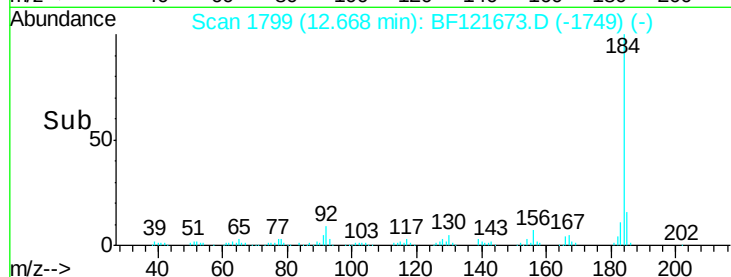
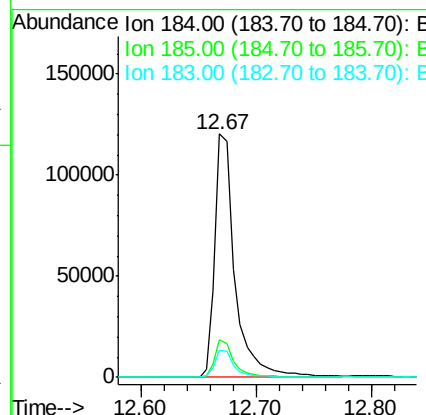
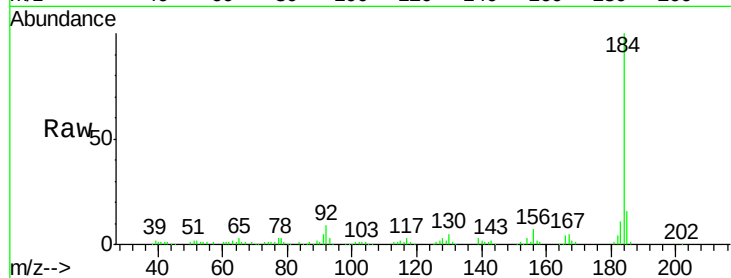




#77
Benzidine
Concen: 8.464 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

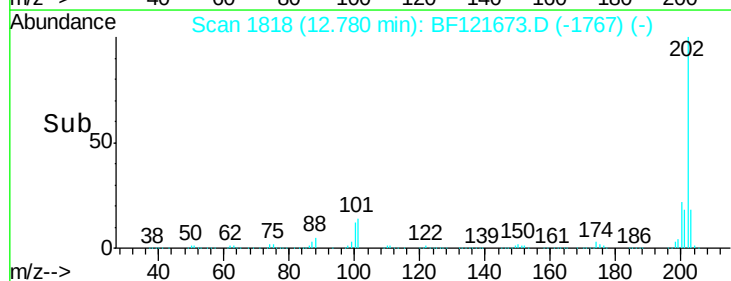
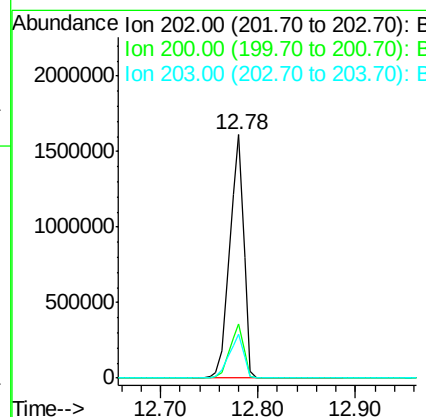
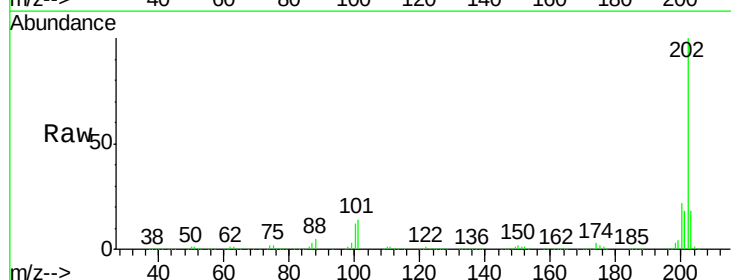
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

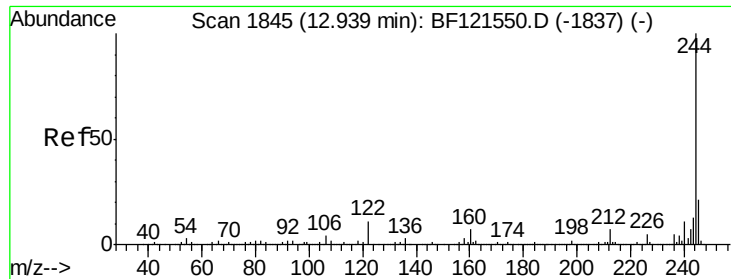
Tot Ion:184 Resp: 147063
Ion Ratio Lower Upper
184 100
185 15.5 11.5 17.3
183 11.3 9.6 14.4



#78
Pyrene
Concen: 42.026 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:202 Resp: 1609253
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 80.998 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

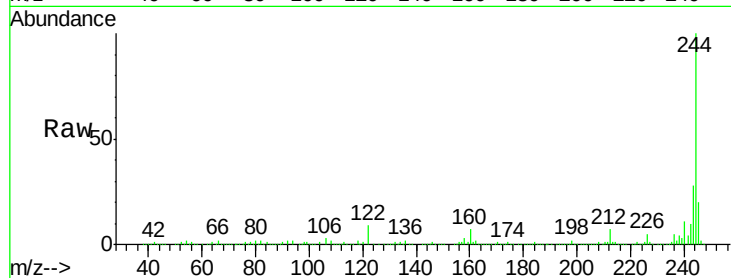
Tot Ion:244 Resp: 2095377

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 9.5 7.4 11.0

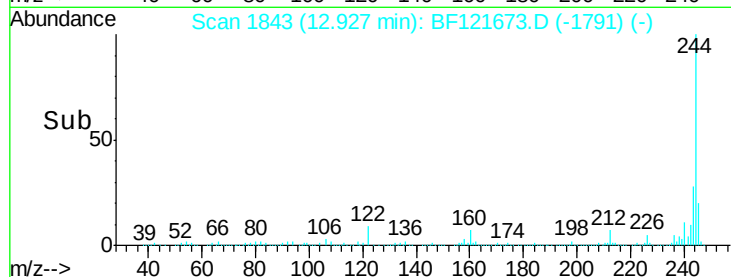


Abundance Ion 244.00 (243.70 to 244.70): E

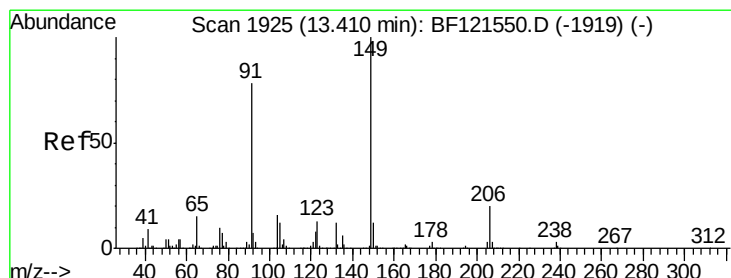
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#80

Butylbenzylphthalate

Concen: 45.770 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

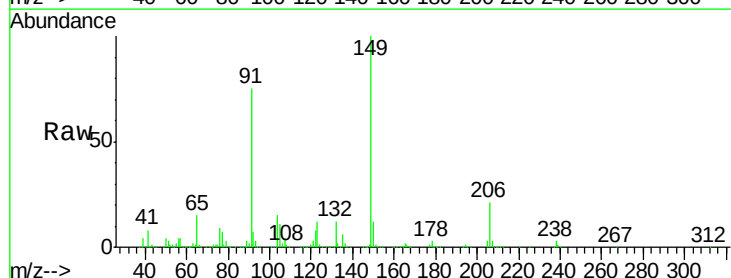
Tgt Ion:149 Resp: 708808

Ion Ratio Lower Upper

149 100

91 74.9 61.0 91.4

206 20.7 16.6 25.0

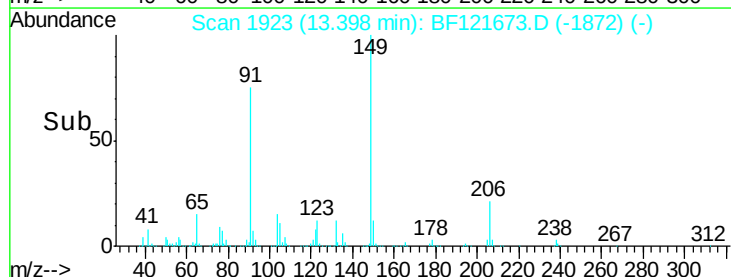


Abundance Ion 149.00 (148.70 to 149.70): E

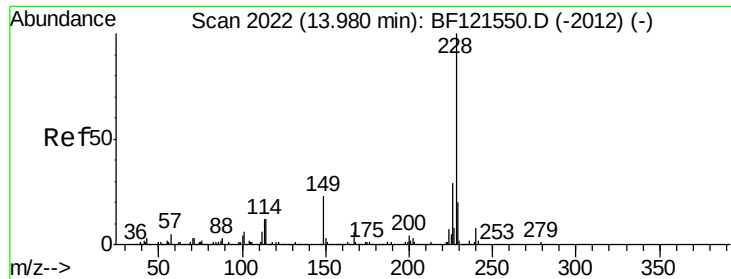
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#81

Benzo(a)anthracene

Concen: 43.675 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

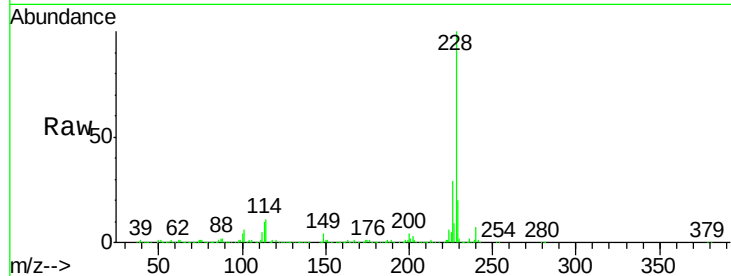
Tot Ion:228 Resp: 1448113

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.3	16.2	24.2

228 100

226 28.5 22.6 33.8

229 20.3 16.2 24.2

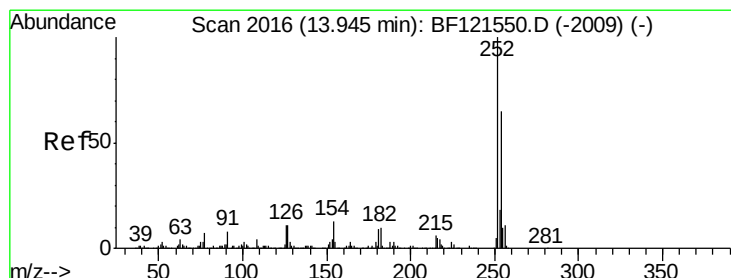
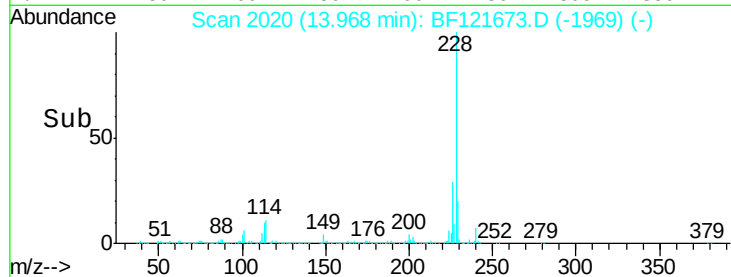
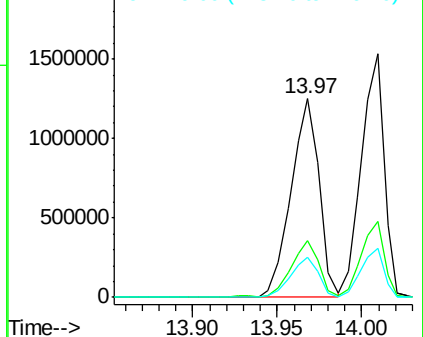


Abundance

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: 31.314 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

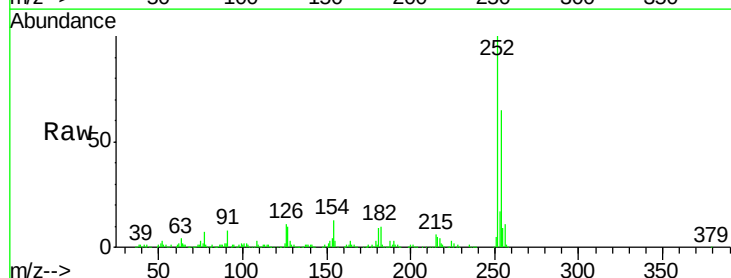
Tgt Ion:252 Resp: 405345

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.4
126	10.5	8.6	13.0

252 100

254 64.9 51.0 76.4

126 10.5 8.6 13.0

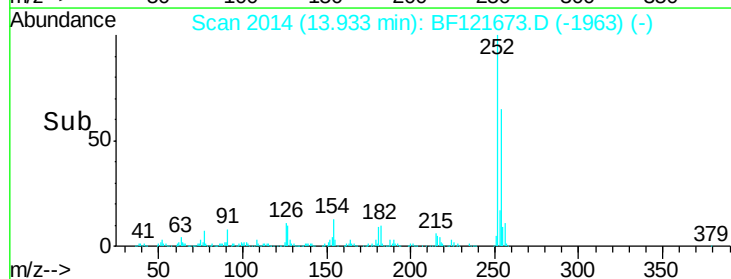
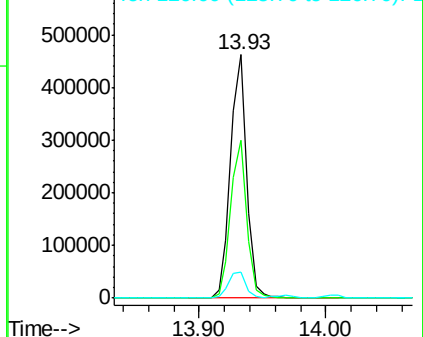


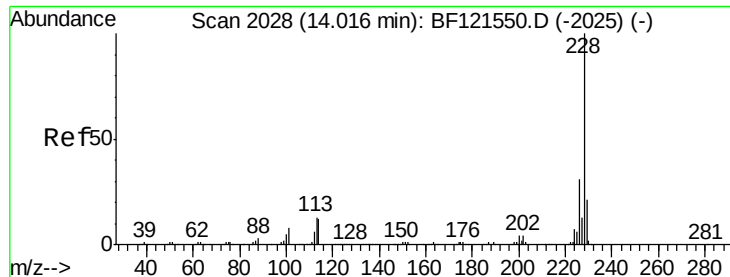
Abundance

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: 42.747 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

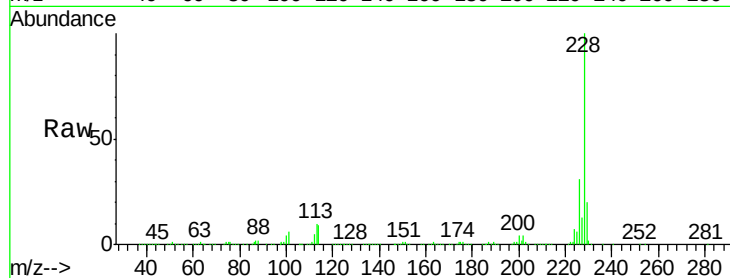
Tot Ion:228 Resp: 1435241

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.4

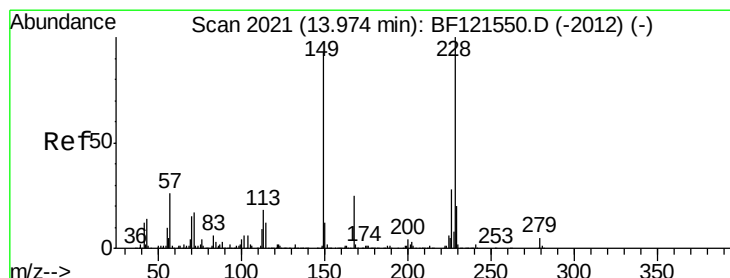
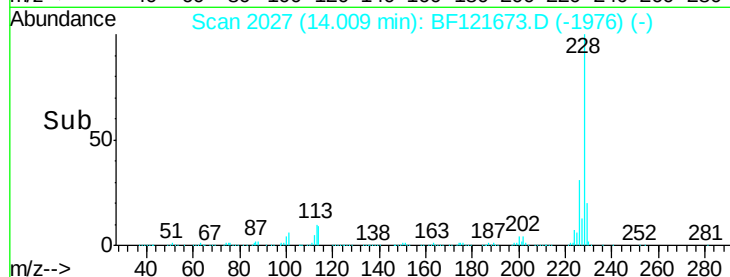
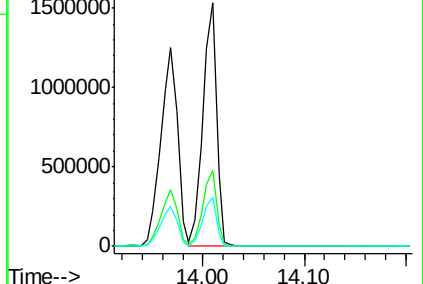
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.035 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

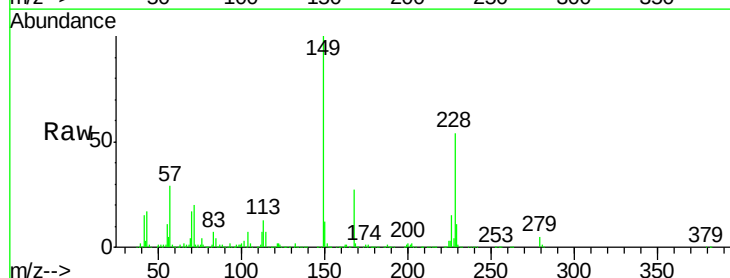
Tgt Ion:149 Resp: 931701

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

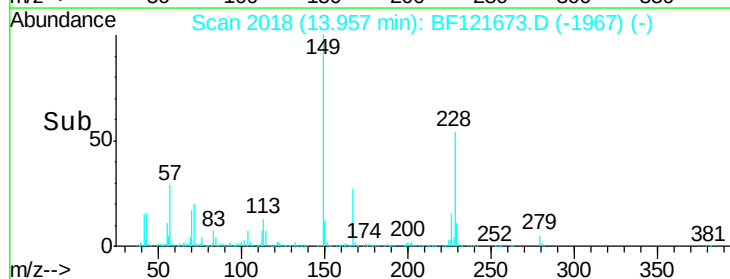
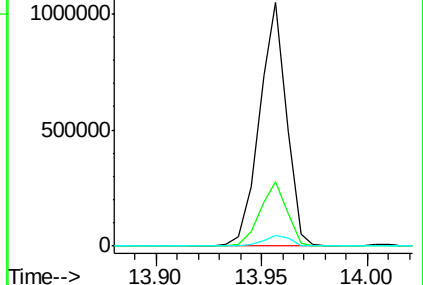
279 4.6 3.4 5.0

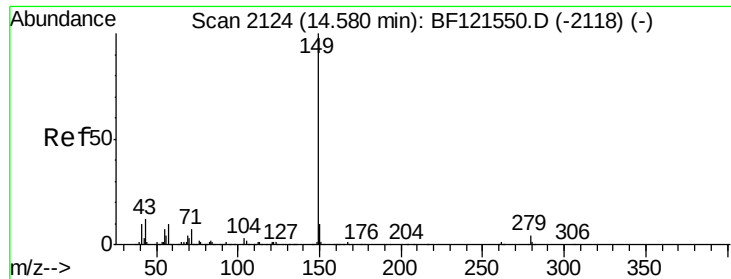


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

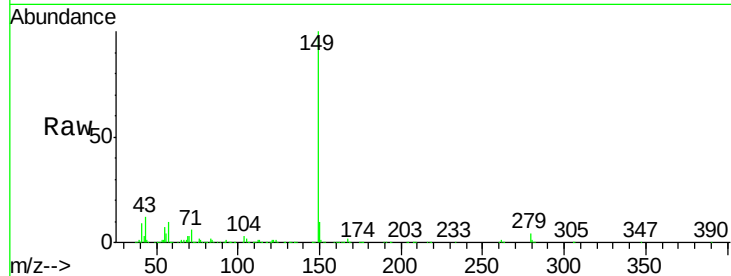




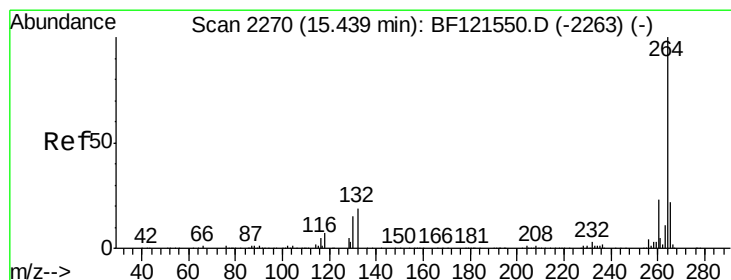
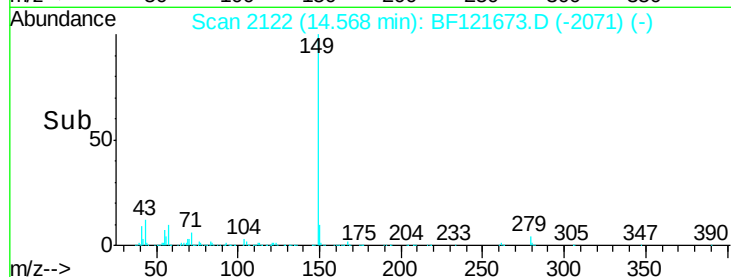
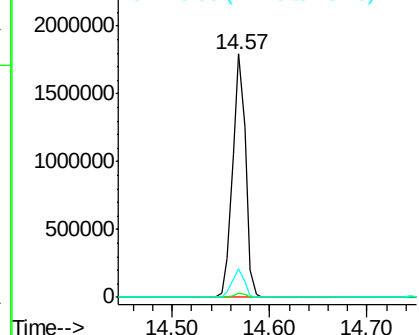
#85
Di-n-octyl phthalate
Concen: 45.266 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion:149 Resp: 1652699
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 9.0 13.4

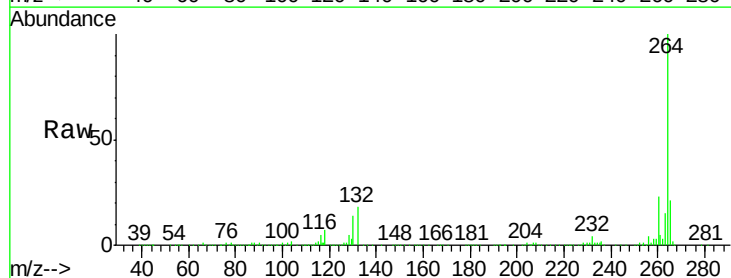


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

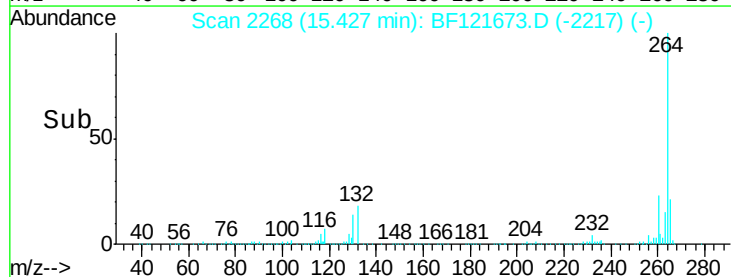
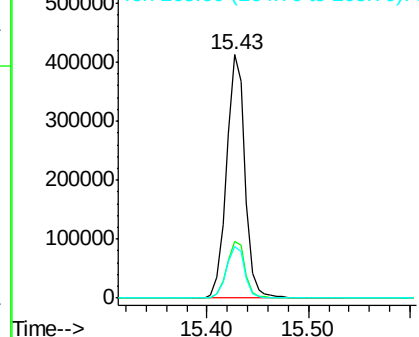


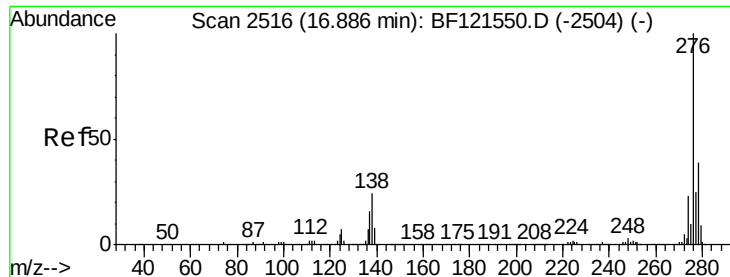
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:264 Resp: 516499
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.3 17.3 25.9



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

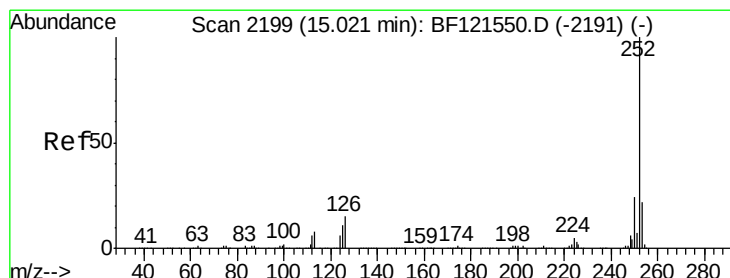
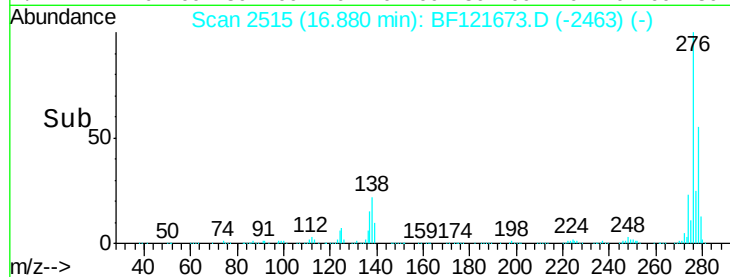
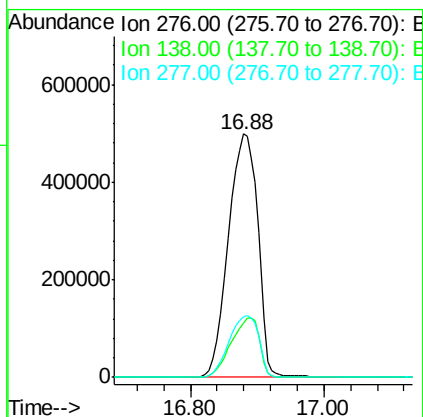
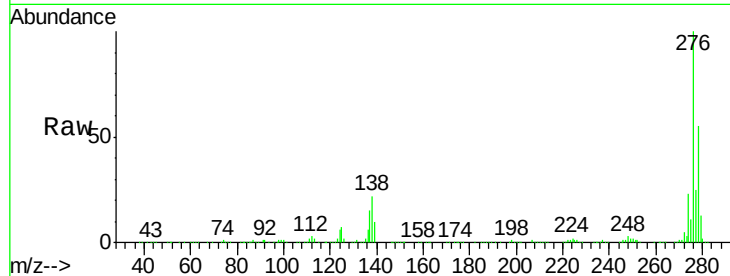




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.824 ng
 RT: 16.88 min Scan# 2515
 Delta R.T. 0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

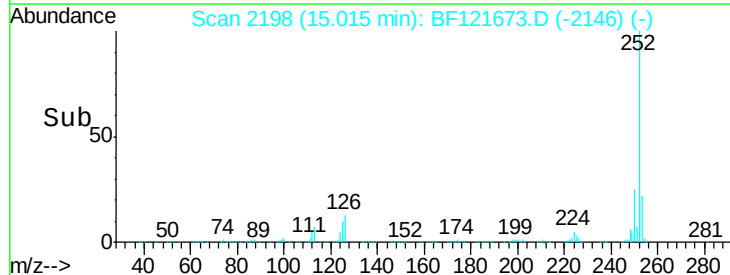
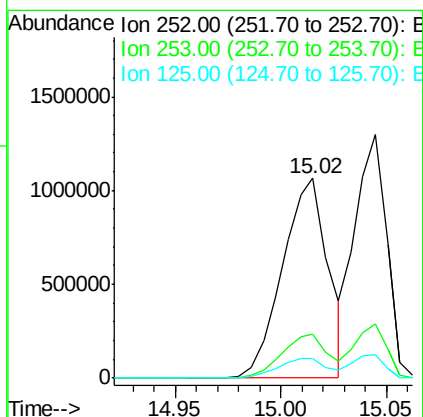
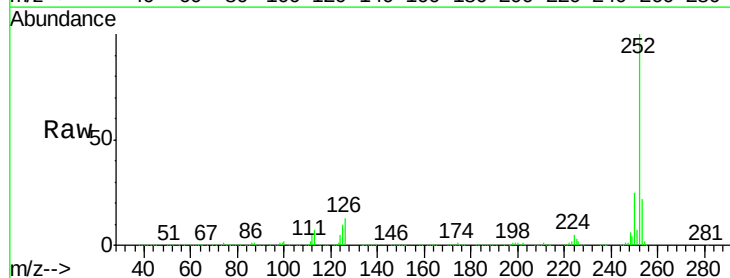
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

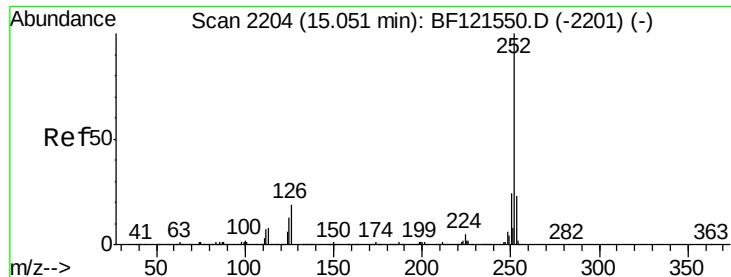
Tot Ion:276 Resp: 1541326
 Ion Ratio Lower Upper
 276 100
 138 23.7 19.0 28.6
 277 25.6 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 46.322 ng
 RT: 15.02 min Scan# 2198
 Delta R.T. 0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion:252 Resp: 1599432
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.4
 125 9.8 8.5 12.7

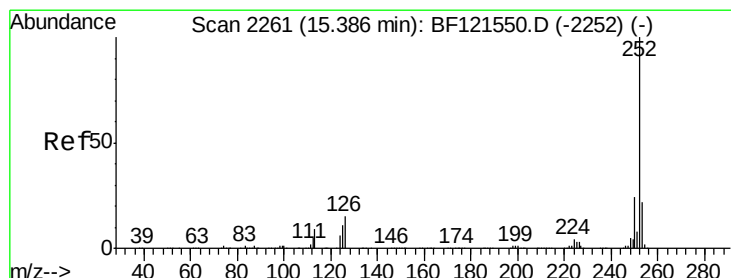
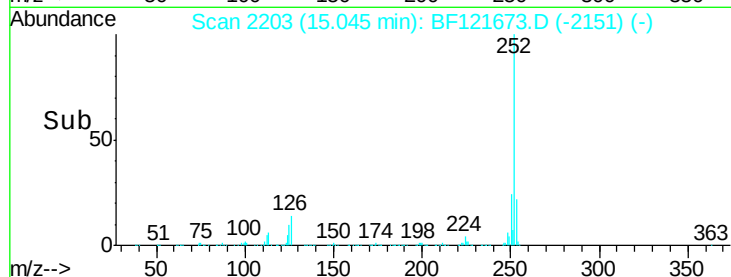
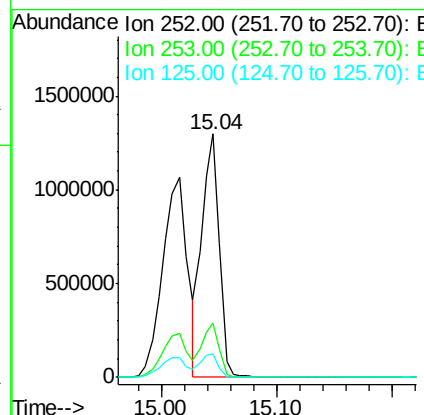
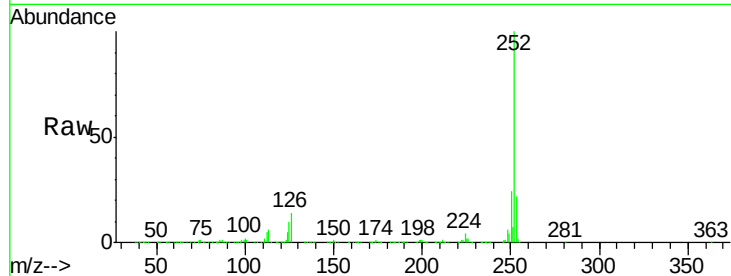




#89
Benzo(k)fluoranthene
Concen: 43.364 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

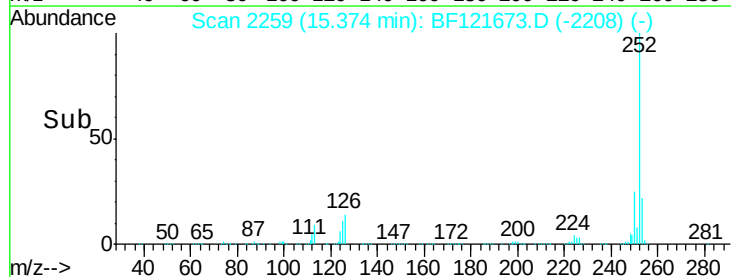
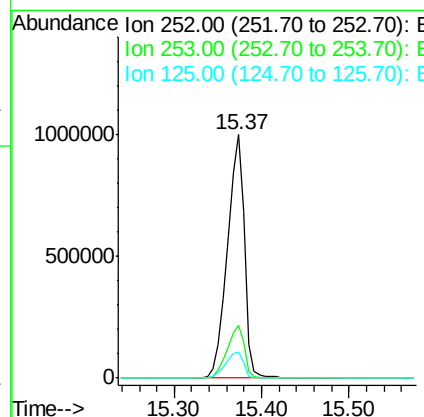
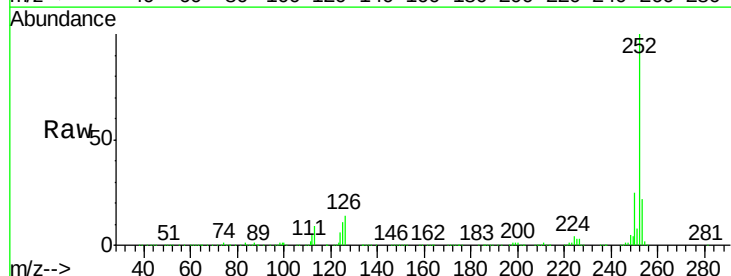
Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

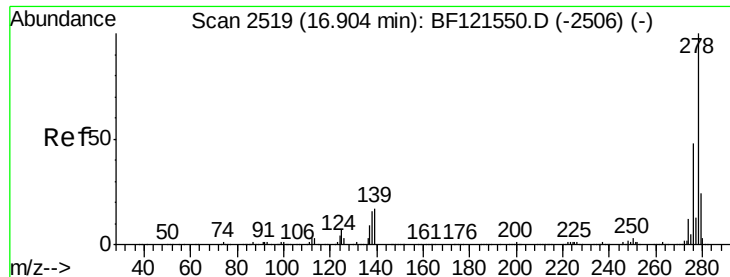
Tot Ion:252 Resp: 1371134
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.9 8.4 12.6



#90
Benzo(a)pyrene
Concen: 46.046 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:252 Resp: 1351478
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.8 9.1 13.7



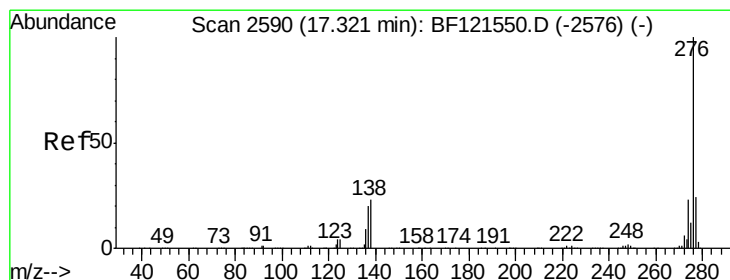
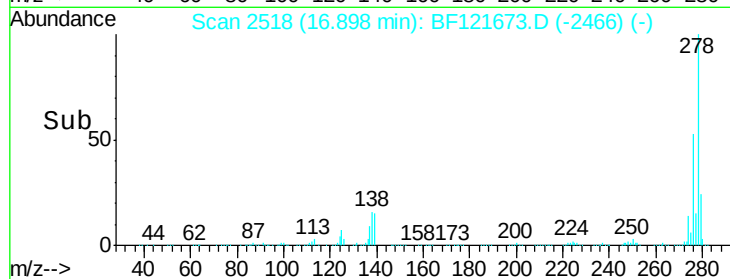
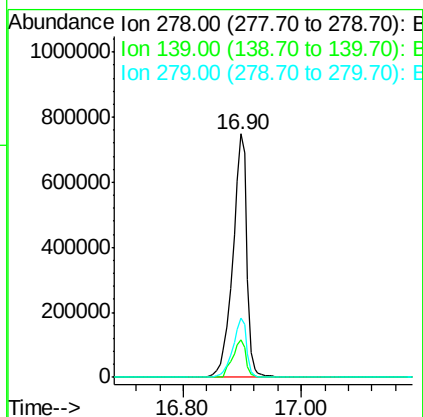
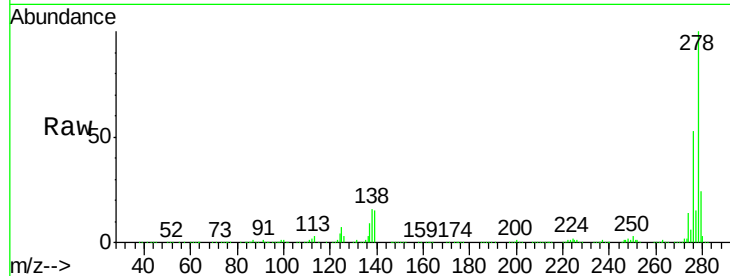


#91
Dibenzo(a,h)anthracene
Concen: 44.693 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion:278 Resp: 1251377

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.0	18.0
279	24.3	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 45.016 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:276 Resp: 1238963

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	20.4	16.9	25.3

