

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122223.D
 Acq On : 2 Nov 2020 13:40
 Operator : JU/CG
 Sample : L4217-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820MSD

Quant Time: Nov 02 14:10:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	77883	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	308025	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	159181	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	312653	20.00	ng	0.00
76) Chrysene-d12	13.886	240	264173	20.00	ng	0.00
86) Perylene-d12	15.321	264	240025	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	670329	127.03	ng	0.01
7) Phenol-d6	6.375	99	748449	110.18	ng	0.00
23) Nitrobenzene-d5	7.286	82	571996	95.24	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	282835	143.64	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	964982	89.20	ng	0.00
79) Terphenyl-d14	12.821	244	1154951	83.32	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.504	88	88651	38.20	ng	# 83
3) Pyridine	3.246	79	208400	34.15	ng	99
4) n-Nitrosodimethylamine	3.140	42	139839	47.41	ng	94
6) Aniline	6.381	93	261107	31.21	ng	# 40
8) 2-Chlorophenol	6.510	128	267123	50.08	ng	96
9) Benzaldehyde	6.281	77	38613	7.31	ng	98
10) Phenol	6.387	94	298186	42.54	ng	87
11) bis(2-Chloroethyl)ether	6.451	93	271771	50.15	ng	97
12) 1,3-Dichlorobenzene	6.645	146	276372	46.07	ng	99
13) 1,4-Dichlorobenzene	6.728	146	282940	46.97	ng	98
14) 1,2-Dichlorobenzene	6.881	146	263811	47.91	ng	99
15) Benzyl Alcohol	6.875	79	238996	54.40	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.987	45	403109	48.33	ng	54
17) 2-Methylphenol	6.992	107	215242	47.20	ng	# 85
18) Hexachloroethane	7.210	117	103574	47.60	ng	98
19) n-Nitroso-di-n-propyla...	7.134	70	204912	52.98	ng	99
20) 3+4-Methylphenols	7.151	107	294981	53.64	ng	# 61
22) Acetophenone	7.128	105	384022	48.45	ng	# 90
24) Nitrobenzene	7.304	77	311729	48.56	ng	98
25) Isophorone	7.539	82	539867	47.54	ng	99
26) 2-Nitrophenol	7.622	139	144599	48.91	ng	97
27) 2,4-Dimethylphenol	7.669	122	237995	47.22	ng	99
28) bis(2-Chloroethoxy)met...	7.745	93	337433	47.49	ng	99
29) 2,4-Dichlorophenol	7.875	162	229106	48.55	ng	99
30) 1,2,4-Trichlorobenzene	7.934	180	231117	46.06	ng	99
31) Naphthalene	8.016	128	761225	46.13	ng	99
32) Benzoic acid	7.845	122	110662	39.95	ng	97
33) 4-Chloroaniline	8.081	127	205059	29.17	ng	98
34) Hexachlorobutadiene	8.122	225	140382	47.18	ng	99
35) Caprolactam	8.469	113	36229	24.17	ng	95
36) 4-Chloro-3-methylphenol	8.581	107	254286	50.17	ng	98
37) 2-Methylnaphthalene	8.704	142	504828	47.24	ng	97
38) 1-Methylnaphthalene	8.804	142	465032	46.99	ng	100
40) 1,2,4,5-Tetrachloroben...	8.875	216	243153	47.33	ng	99
41) Hexachlorocyclopentadiene	8.851	237	72346	55.46	ng	97
43) 2,4,6-Trichlorophenol	8.998	196	157004	49.53	ng	98

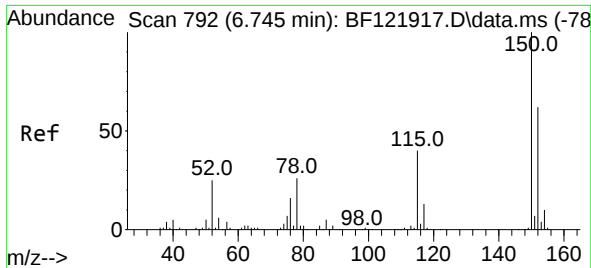
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	154449	45.12	ng	99
46) 1,1'-Biphenyl	9.169	154	618815	47.81	ng	99
47) 2-Chloronaphthalene	9.198	162	484011	48.09	ng	99
48) 2-Nitroaniline	9.310	65	174859	52.67	ng	99
49) Acenaphthylene	9.610	152	731107	47.29	ng	99
50) Dimethylphthalate	9.475	163	615018	52.84	ng	99
51) 2,6-Dinitrotoluene	9.551	165	127256	49.84	ng	97
52) Acenaphthene	9.780	154	447712	48.69	ng	98
53) 3-Nitroaniline	9.727	138	106449	36.66	ng	96
54) 2,4-Dinitrophenol	9.851	184	128924	96.89	ng	89
55) Dibenzofuran	9.951	168	661043	49.16	ng	92
56) 4-Nitrophenol	9.951	139	423719	268.23	ng	# 20
57) 2,4-Dinitrotoluene	9.963	165	174580	55.54	ng	96
58) Fluorene	10.298	166	543135	50.13	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	149715	56.53	ng	95
60) Diethylphthalate	10.175	149	585353	52.15	ng	98
61) 4-Chlorophenyl-phenyle...	10.286	204	258797	49.81	ng	95
62) 4-Nitroaniline	10.351	138	136437	47.03	ng	95
63) Azobenzene	10.445	77	606940	51.13	ng	98
65) 4,6-Dinitro-2-methylph...	10.380	198	98198	46.98	ng	95
66) n-Nitrosodiphenylamine	10.410	169	504191	46.81	ng	97
67) 4-Bromophenyl-phenylether	10.775	248	172988	47.89	ng	97
68) Hexachlorobenzene	10.845	284	193841	47.41	ng	98
69) Atrazine	10.945	200	131699	50.01	ng	98
70) Pentachlorophenol	11.057	266	147081	90.35	ng	98
71) Phenanthrene	11.263	178	815768	47.59	ng	99
72) Anthracene	11.316	178	856213	48.16	ng	99
73) Carbazole	11.480	167	788608	49.88	ng	99
74) Di-n-butylphthalate	11.792	149	917562	50.45	ng	99
75) Fluoranthene	12.451	202	920425	50.07	ng	98
77) Benzidine	12.580	184	340121	41.76	ng	100
78) Pyrene	12.680	202	939086	46.65	ng	99
80) Butylbenzylphthalate	13.292	149	409954	51.35	ng	97
81) Benzo(a)anthracene	13.874	228	858108	49.57	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	231520	36.05	ng	98
83) Chrysene	13.915	228	837374	49.27	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	555921	51.29	ng	98
85) Di-n-octyl phthalate	14.457	149	954728	54.46	ng	99
87) Indeno(1,2,3-cd)pyrene	16.745	276	723671	46.44	ng	97
88) Benzo(b)fluoranthene	14.915	252	835077	51.47	ng	98
89) Benzo(k)fluoranthene	14.939	252	730450	47.39	ng	99
90) Benzo(a)pyrene	15.262	252	680906	48.59	ng	100
91) Dibenzo(a,h)anthracene	16.739	278	599076	46.69	ng	98
92) Benzo(g,h,i)perylene	17.162	276	599045	46.65	ng	96

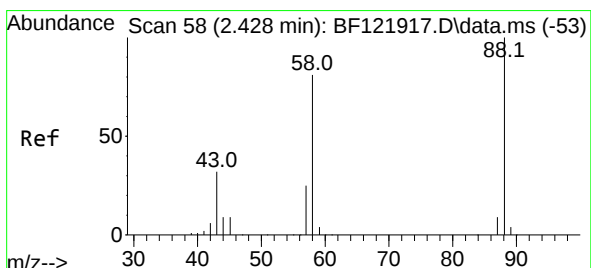
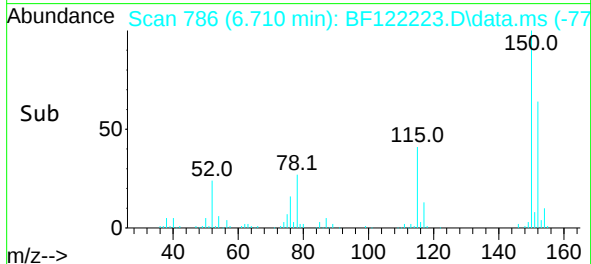
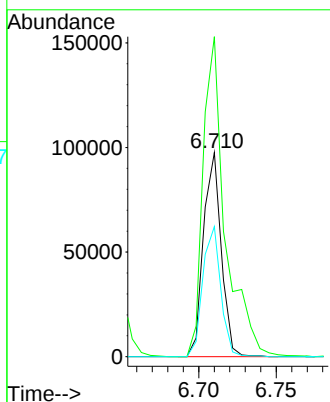
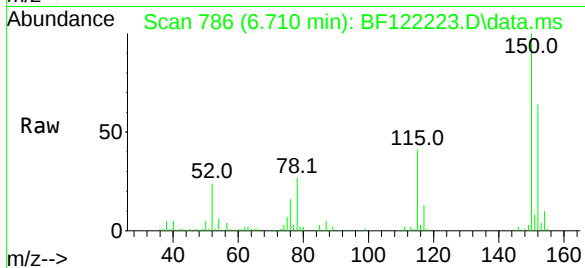
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

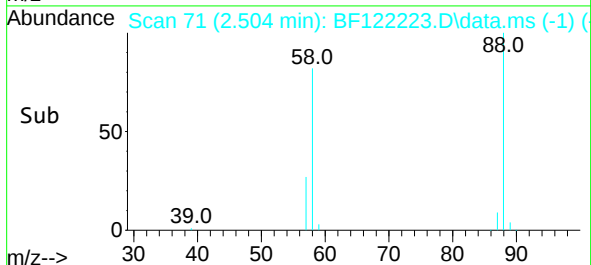
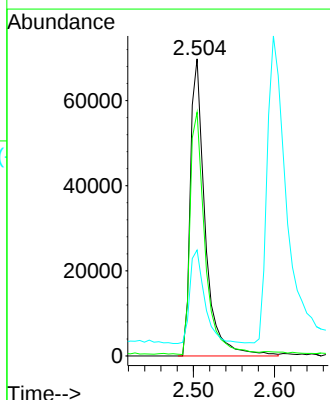
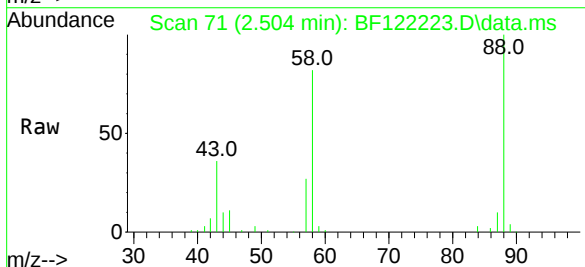
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

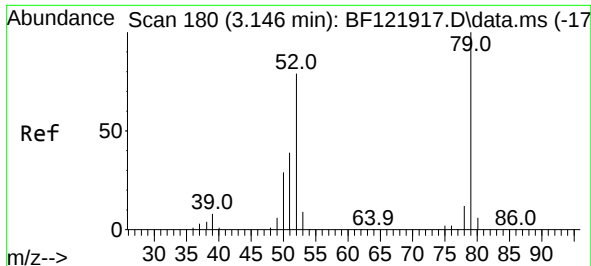
Tgt Ion:152 Resp: 77883
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 63.8 51.9 77.9



#2
1,4-Dioxane
Concen: 38.20 ng
RT: 2.504 min Scan# 71
Delta R.T. 0.141 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion: 88 Resp: 88651
Ion Ratio Lower Upper
88 100
58 81.7 65.8 98.8
43 0.0 25.8 38.8#

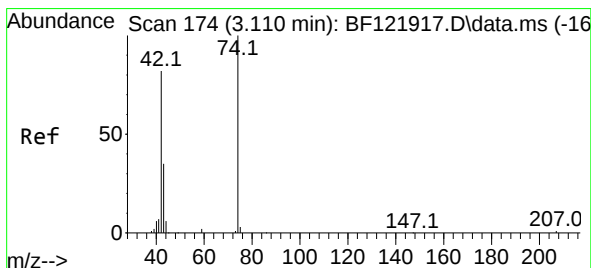
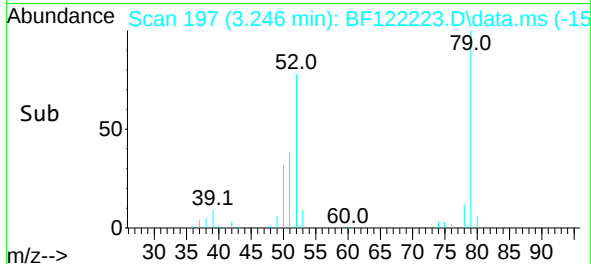
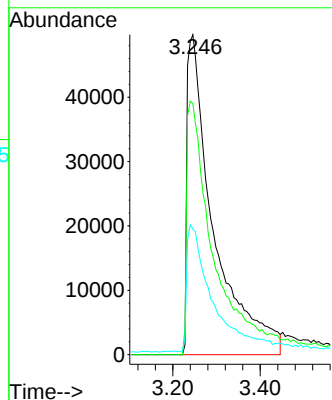
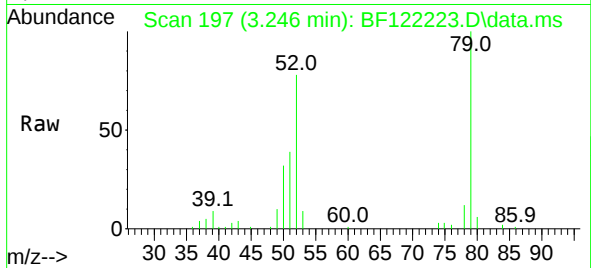




#3
Pyridine
Concen: 34.15 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.165 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

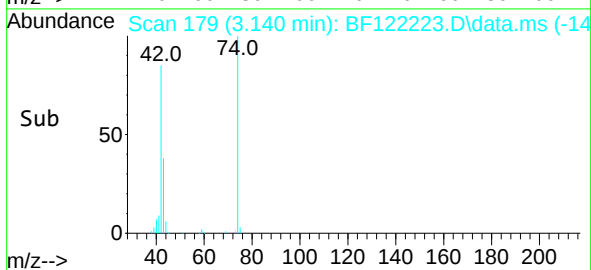
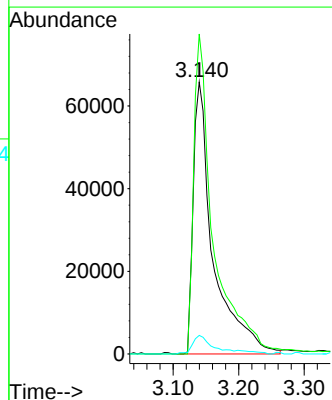
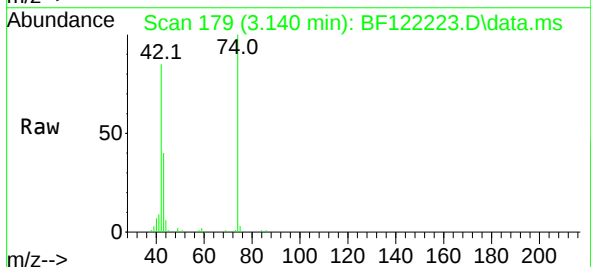
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

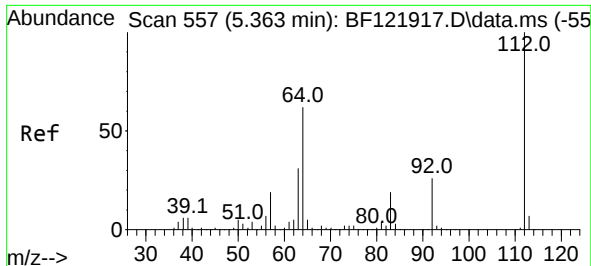
Tgt Ion: 79 Resp: 208400
Ion Ratio Lower Upper
79 100
52 78.4 62.2 93.4
51 39.3 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 47.41 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.094 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion: 42 Resp: 139839
Ion Ratio Lower Upper
42 100
74 117.6 100.2 150.2
44 6.8 5.8 8.6

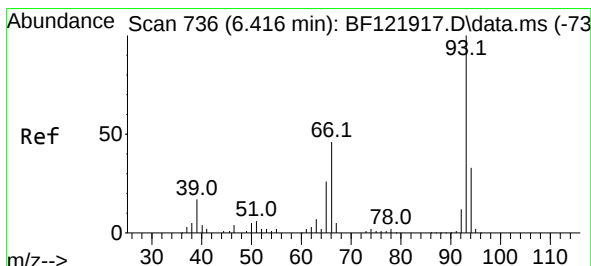
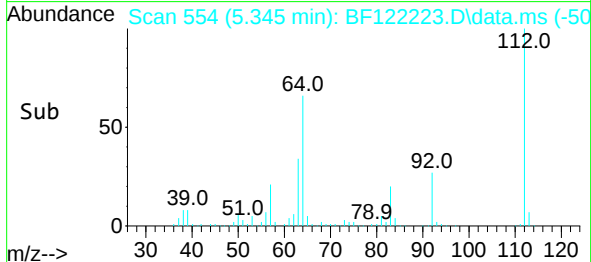
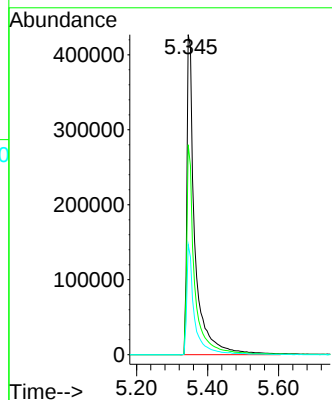
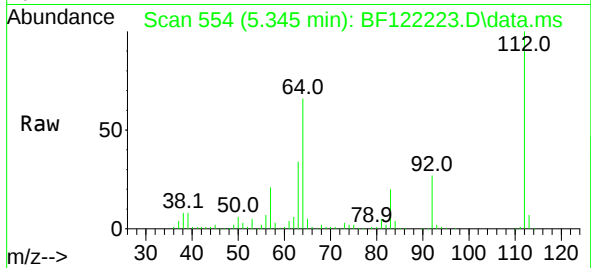




#5
2-Fluorophenol
Concen: 127.03 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

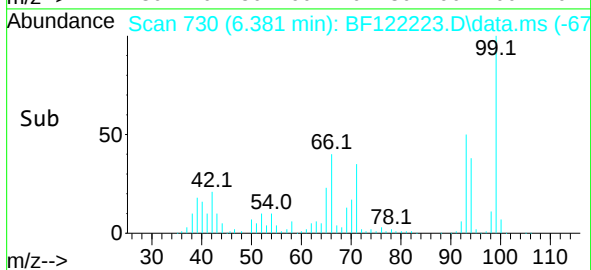
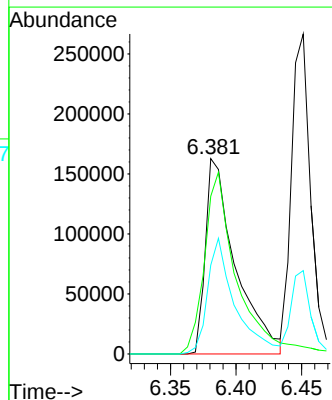
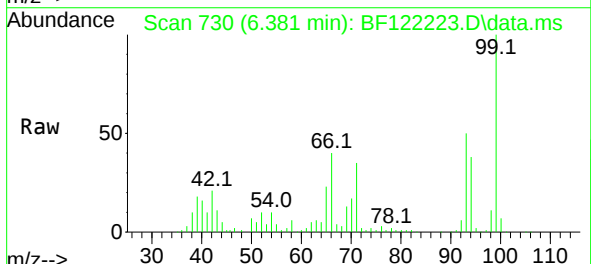
Instrument :
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ClientSampleId :
HR-01-102820MSD

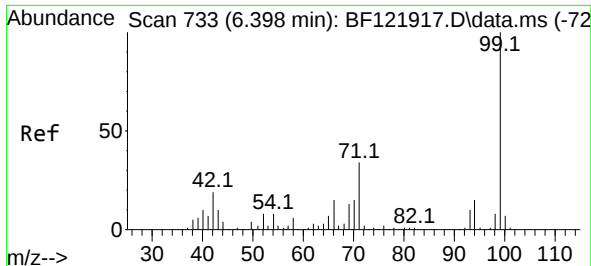
Tgt Ion:112 Resp: 670329
Ion Ratio Lower Upper
112 100
64 65.6 50.4 75.6
63 34.4 25.8 38.6



#6
Aniline
Concen: 31.21 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion: 93 Resp: 261107
Ion Ratio Lower Upper
93 100
66 80.8 32.7 49.1#
65 45.4 16.6 24.8#

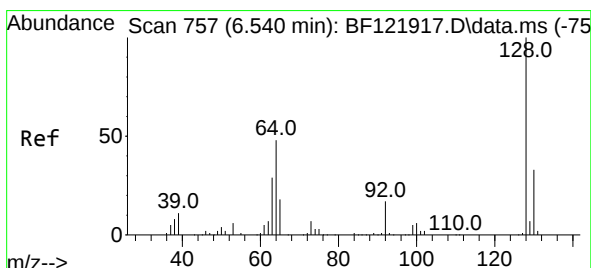
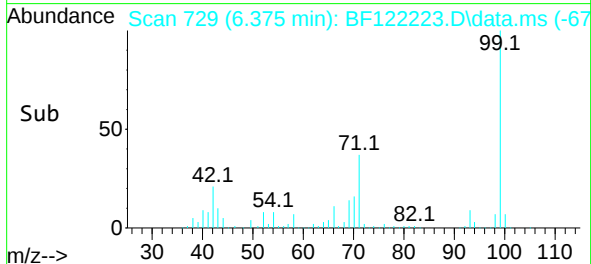
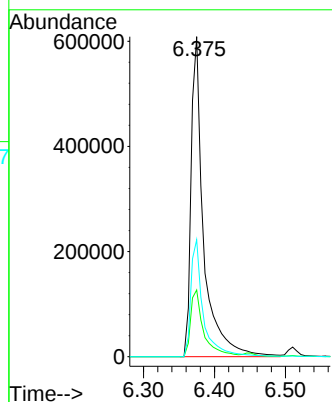
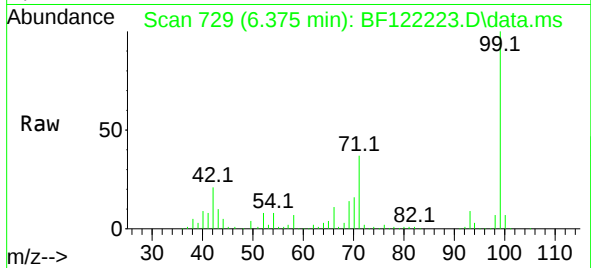




#7
Phenol-d6
Concen: 110.18 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

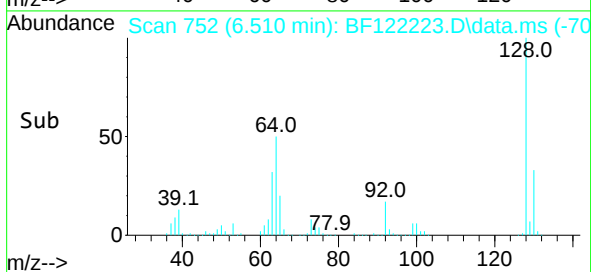
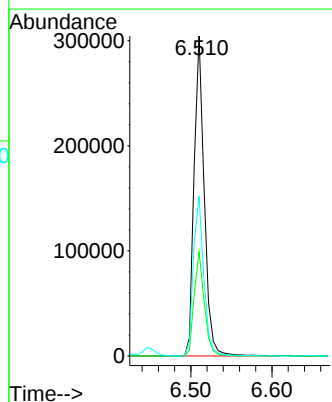
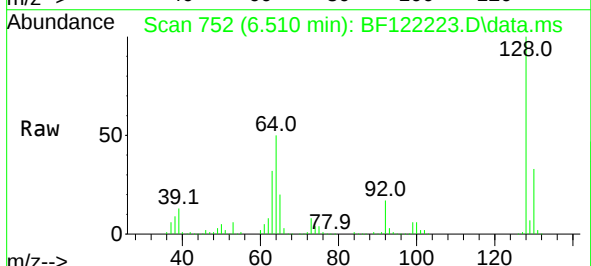
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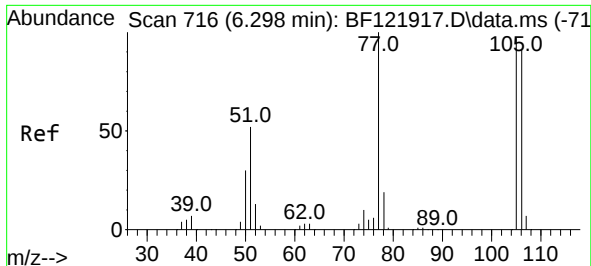
Tgt Ion: 99 Resp: 748449
Ion Ratio Lower Upper
99 100
42 20.9 15.9 23.9
71 36.5 27.1 40.7



#8
2-Chlorophenol
Concen: 50.08 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion: 128 Resp: 267123
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 49.9 34.8 74.8



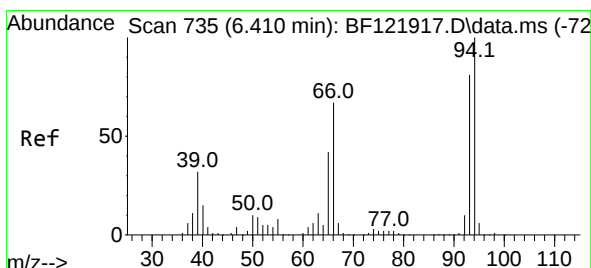
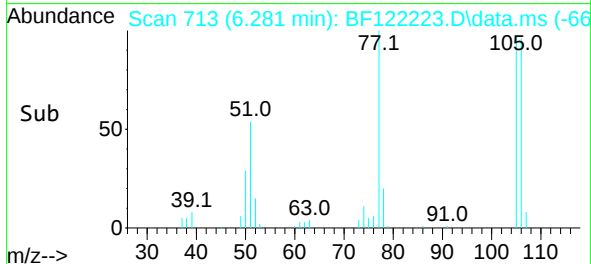
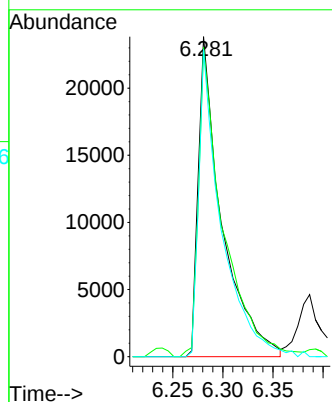
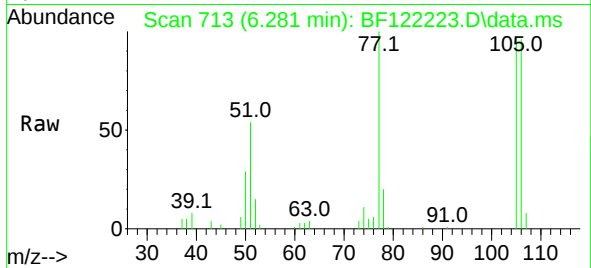


#9
Benzaldehyde
Concen: 7.31 ng
RT: 6.281 min Scan# 713
Delta R.T. 0.012 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

Tgt Ion: 77 Resp: 38613

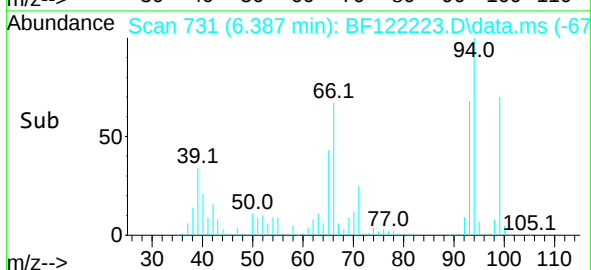
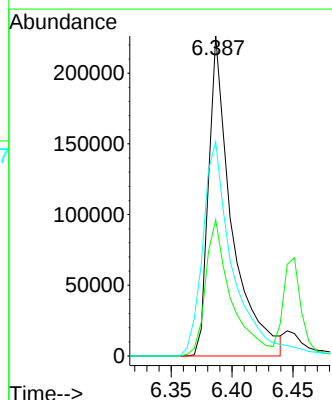
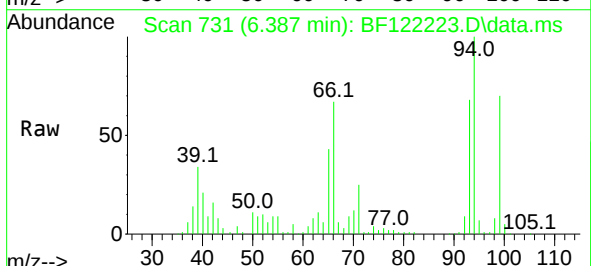
Ion	Ratio	Lower	Upper
77	100		
105	96.6	76.7	116.7
106	95.9	71.3	111.3

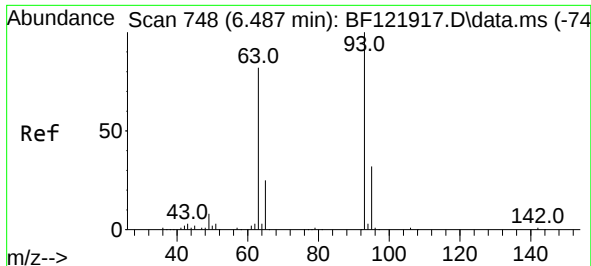


#10
Phenol
Concen: 42.54 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion: 94 Resp: 298186

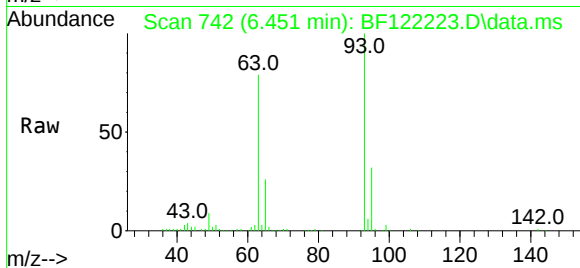
Ion	Ratio	Lower	Upper
94	100		
65	42.6	17.1	57.1
66	66.9	36.0	76.0





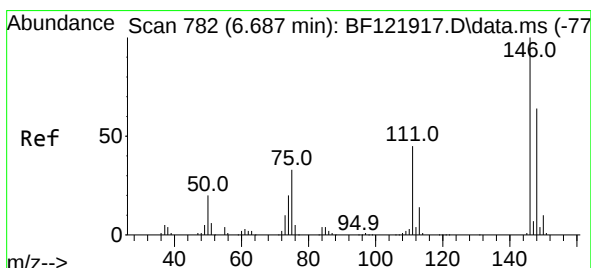
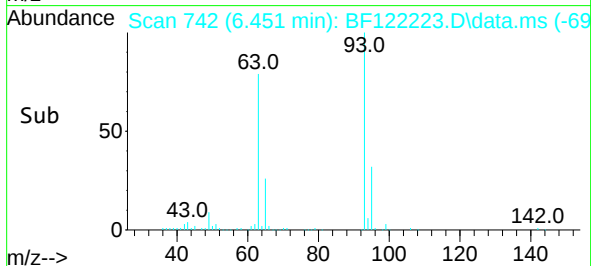
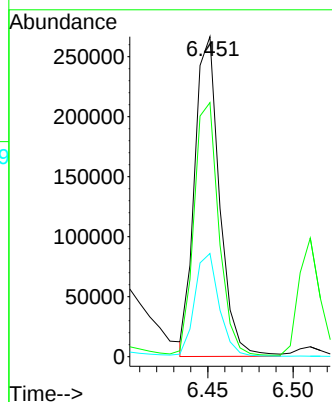
#11
bis(2-Chloroethyl)ether
Concen: 50.15 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD



Tgt Ion: 93 Resp: 271771

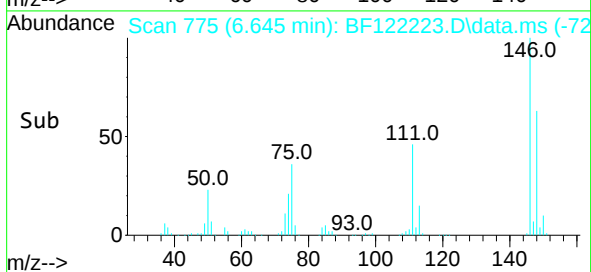
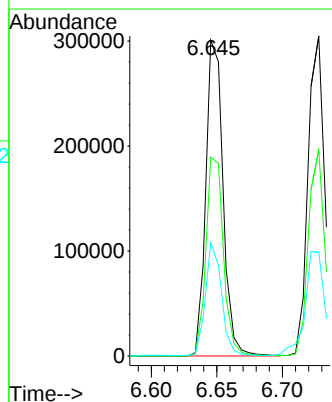
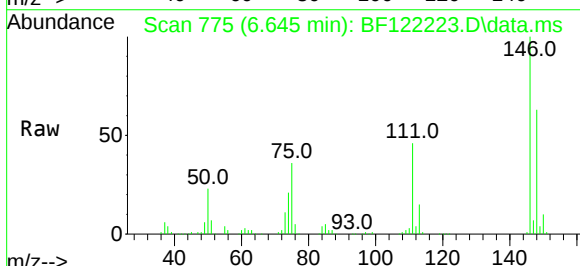
Ion	Ratio	Lower	Upper
93	100		
63	79.4	62.4	102.4
95	32.2	12.6	52.6

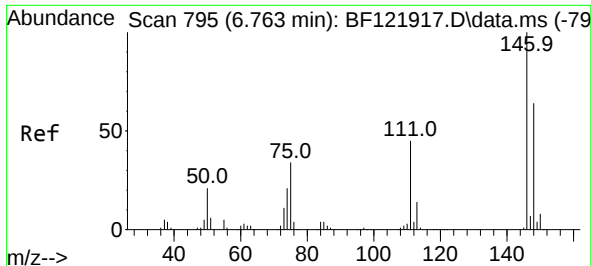


#12
1,3-Dichlorobenzene
Concen: 46.07 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.012 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion: 146 Resp: 276372

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.4
75	35.9	27.6	41.4

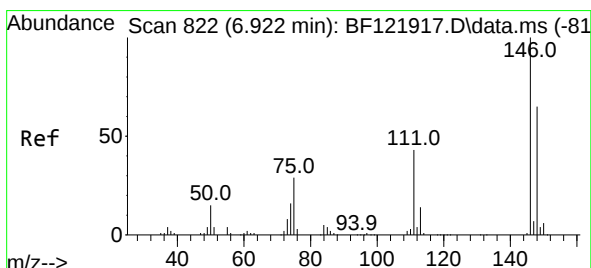
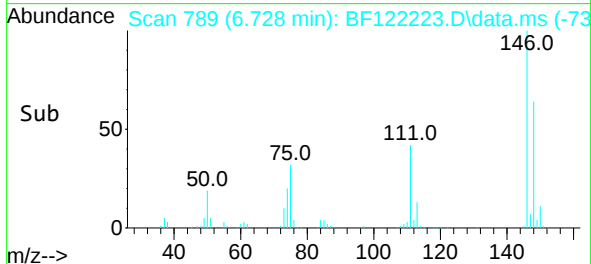
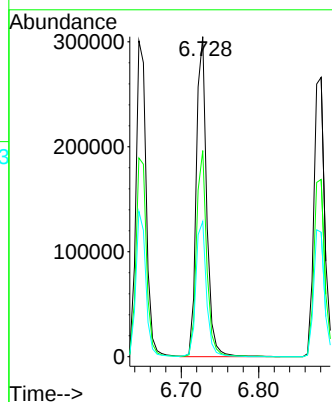
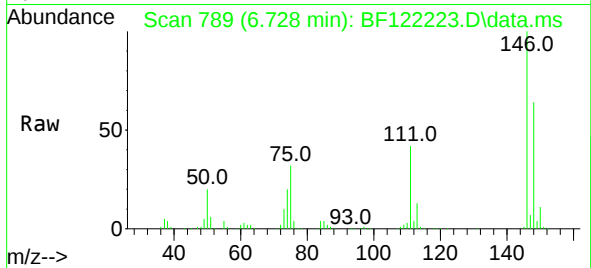




#13
1,4-Dichlorobenzene
Concen: 46.97 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

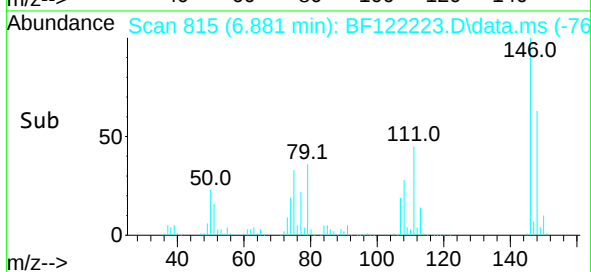
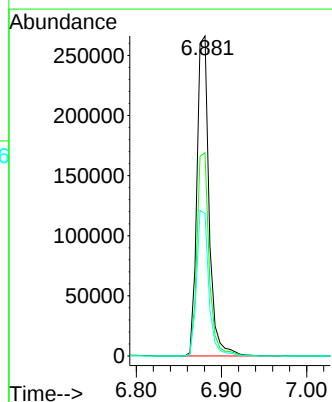
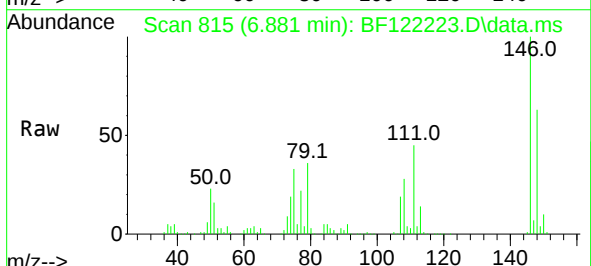
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

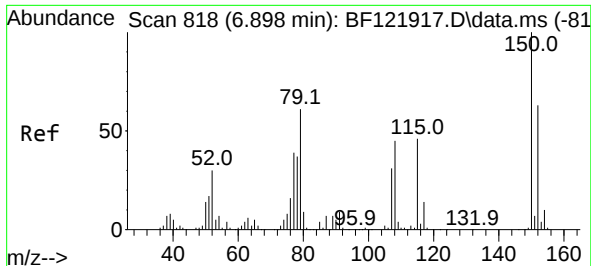
Tgt Ion:146 Resp: 282940
Ion Ratio Lower Upper
146 100
148 64.4 50.1 75.1
111 42.2 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 47.91 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:146 Resp: 263811
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 44.6 34.2 51.4

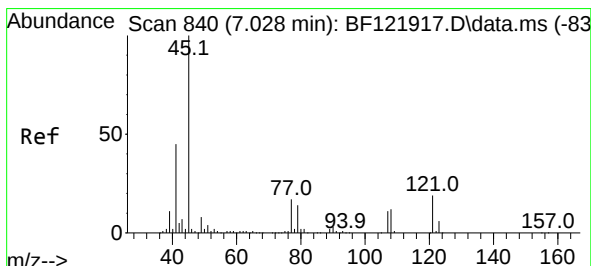
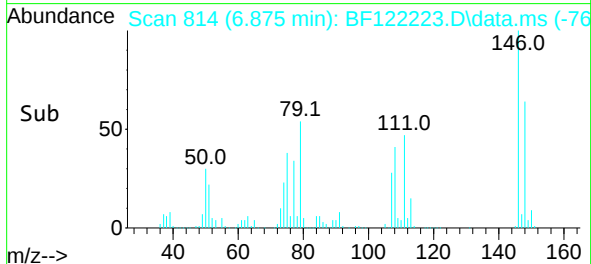
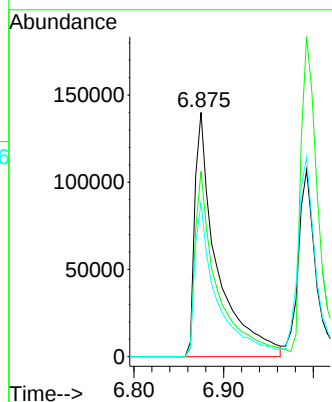
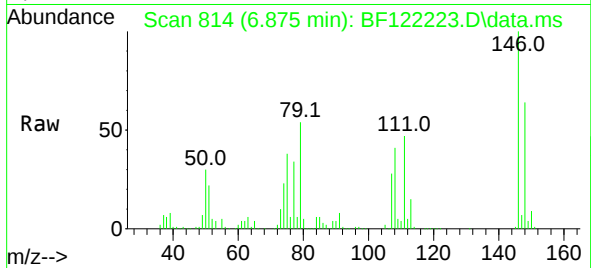




#15
Benzyl Alcohol
Concen: 54.40 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

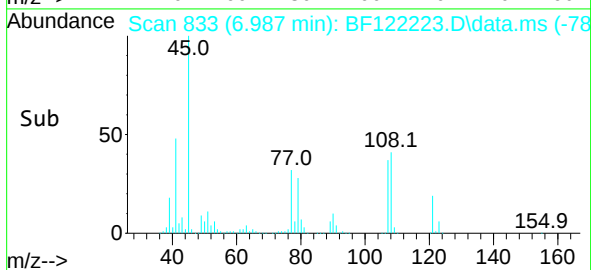
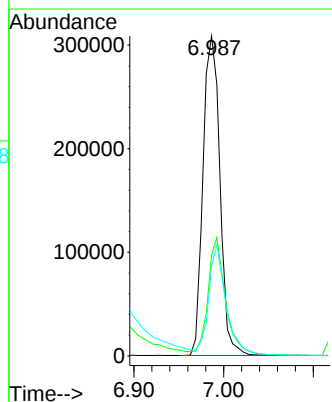
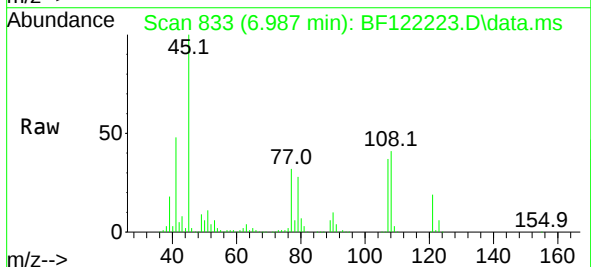
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

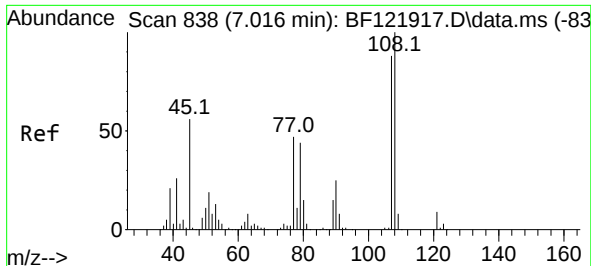
Tgt Ion: 79 Resp: 238996
Ion Ratio Lower Upper
79 100
108 75.8 62.3 93.5
77 62.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.33 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion: 45 Resp: 403109
Ion Ratio Lower Upper
45 100
77 31.6 0.0 33.3
79 27.9 0.0 30.4

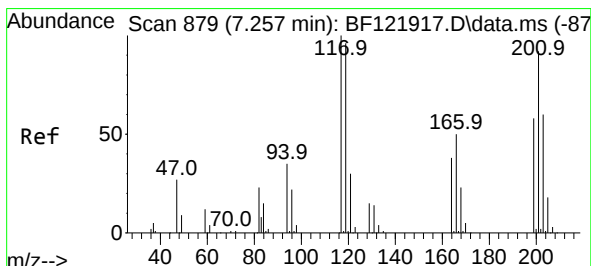
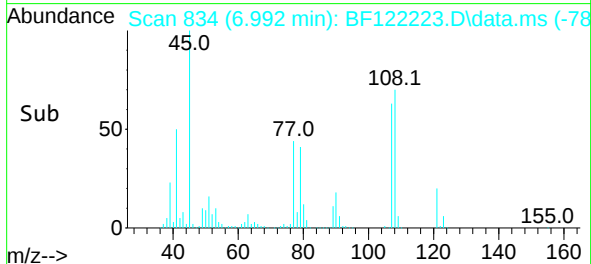
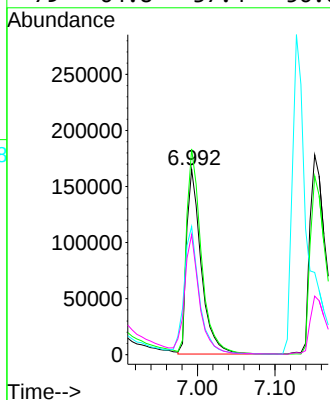
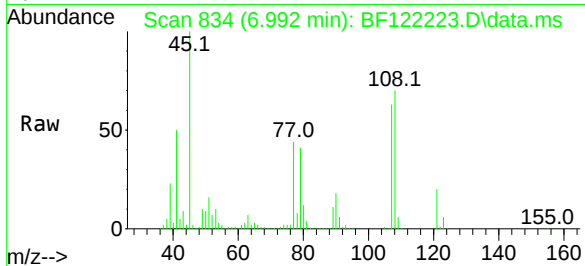




#17
2-Methylphenol
Concen: 47.20 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

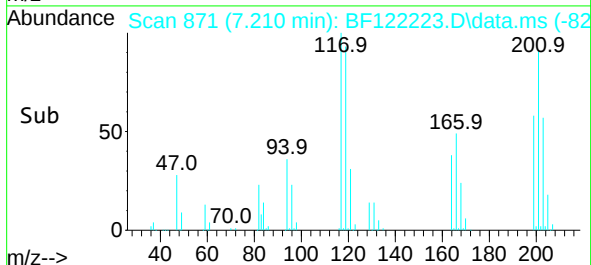
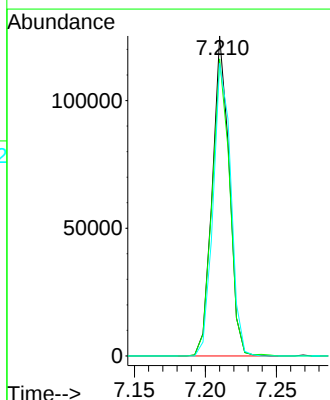
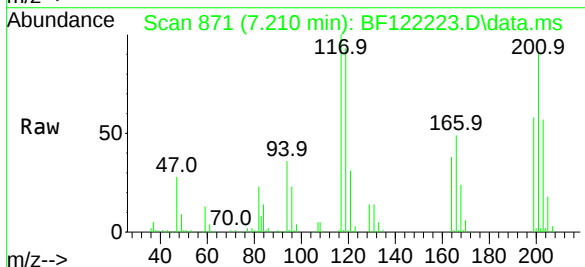
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

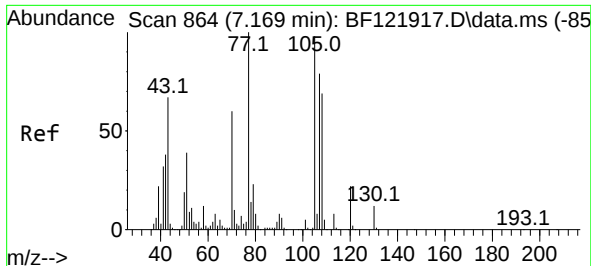
Tgt Ion:107 Resp: 215242
Ion Ratio Lower Upper
107 100
108 111.0 90.9 136.3
77 69.2 37.5 56.3#
79 64.8 37.4 56.0#



#18
Hexachloroethane
Concen: 47.60 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:117 Resp: 103574
Ion Ratio Lower Upper
117 100
119 92.8 76.3 114.5
201 91.4 71.8 107.6



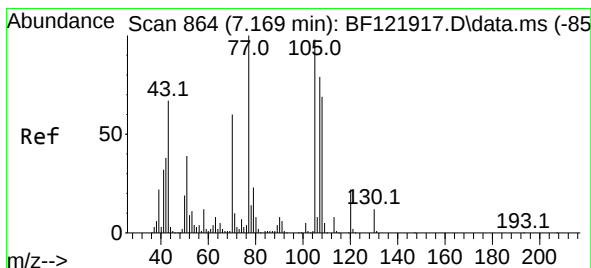
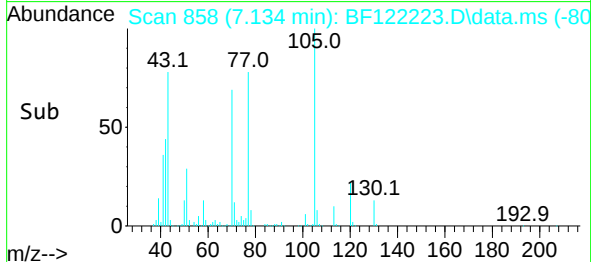
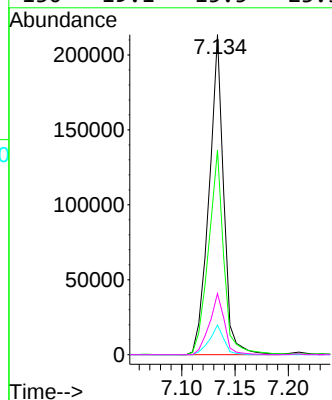
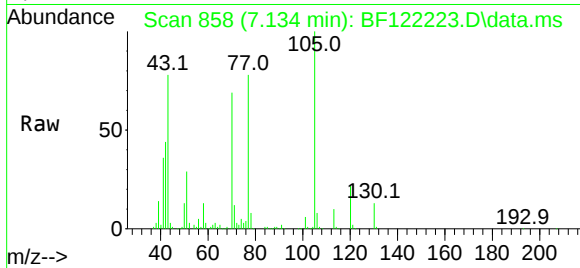


#19
n-Nitroso-di-n-propylamine
Concen: 52.98 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

Tgt Ion: 70 Resp: 204912

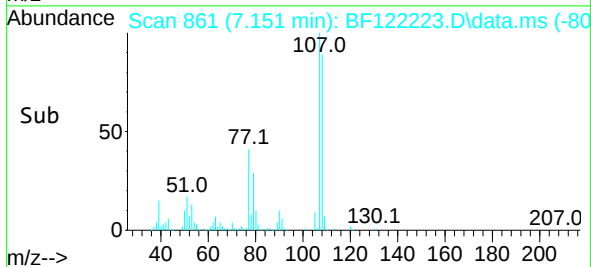
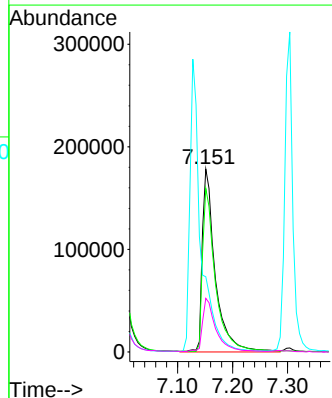
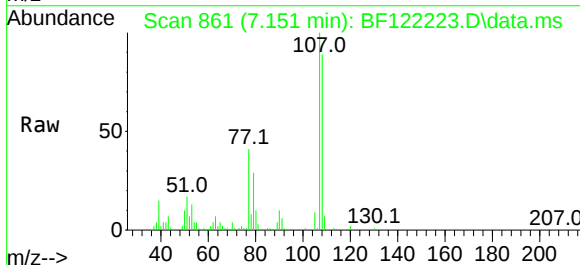
Ion	Ratio	Lower	Upper
70	100		
42	63.9	50.2	75.4
101	9.3	7.5	11.3
130	19.1	15.5	23.3

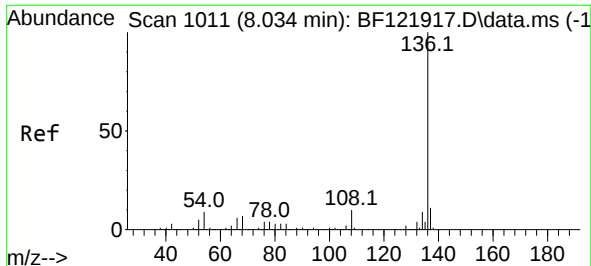


#20
3+4-Methylphenols
Concen: 53.64 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion: 107 Resp: 294981

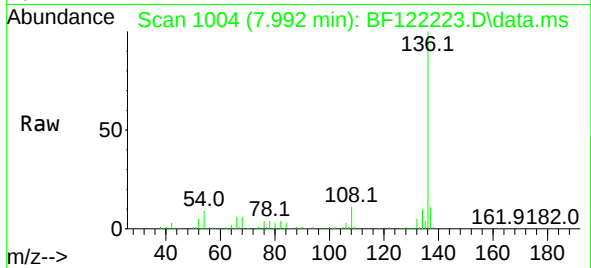
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.9	108.9
77	41.1	108.0	148.0#
79	29.3	10.5	50.5



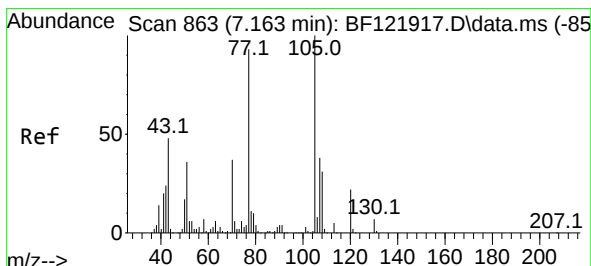
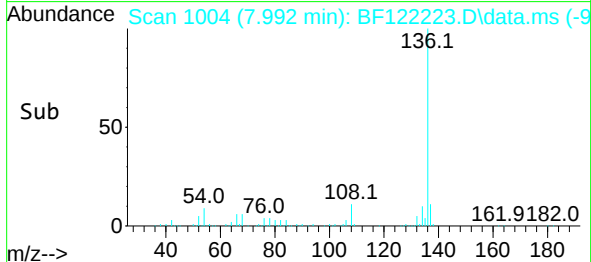
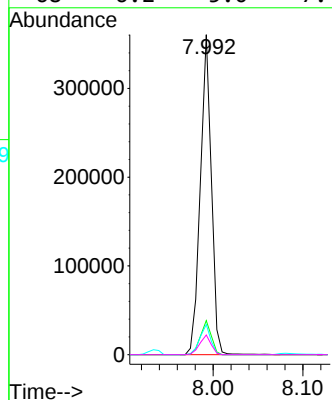


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

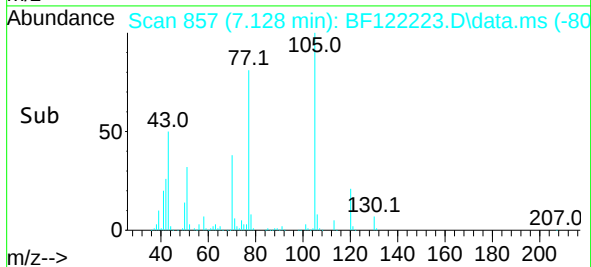
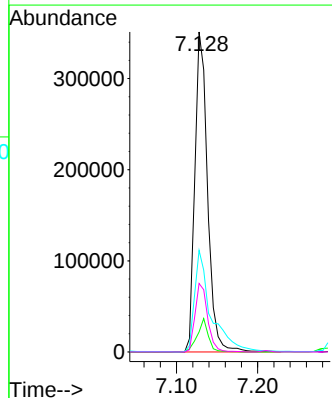
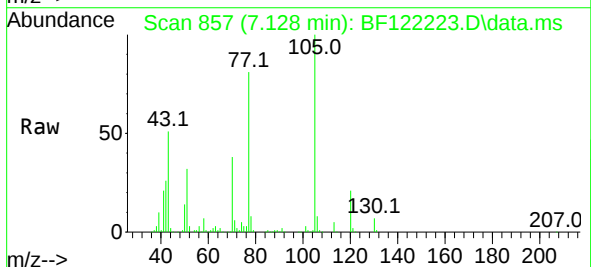


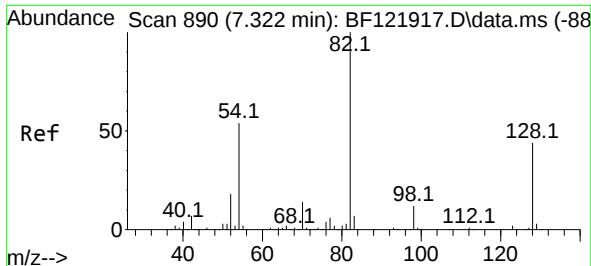
Tgt Ion:136 Resp: 308025
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.4 7.1 10.7
68 6.2 5.0 7.4



#22
Acetophenone
Concen: 48.45 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:105 Resp: 384022
Ion Ratio Lower Upper
105 100
71 6.2 5.3 7.9
51 31.7 33.2 49.8#
120 21.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 95.24 ng

RT: 7.286 min Scan# 884

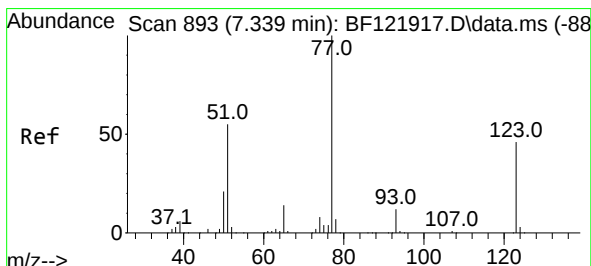
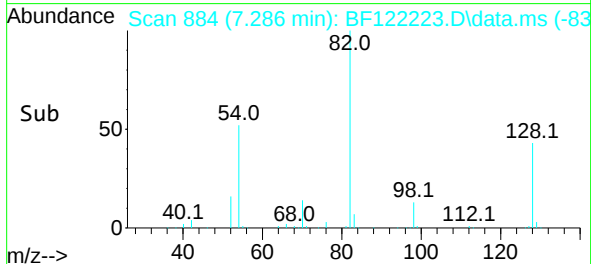
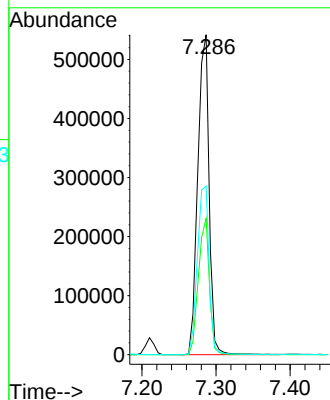
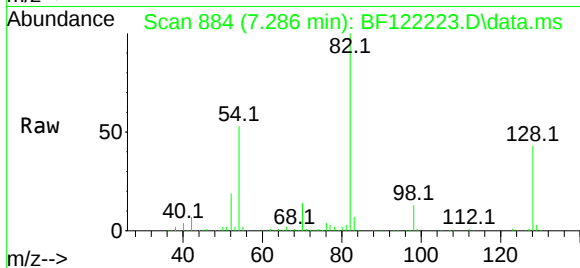
Delta R.T. -0.000 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

Tgt Ion: 82 Resp: 571996

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.0	52.4
54	52.7	43.9	65.9



#24

Nitrobenzene

Concen: 48.56 ng

RT: 7.304 min Scan# 887

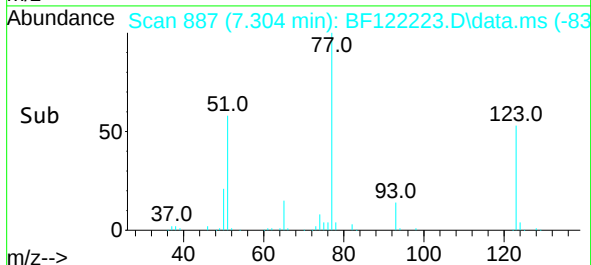
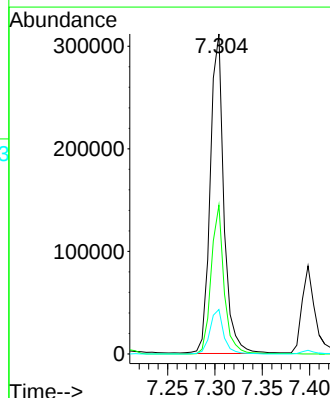
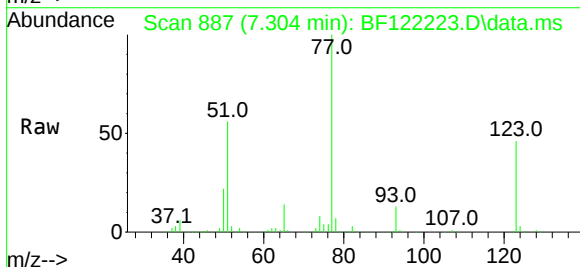
Delta R.T. -0.000 min

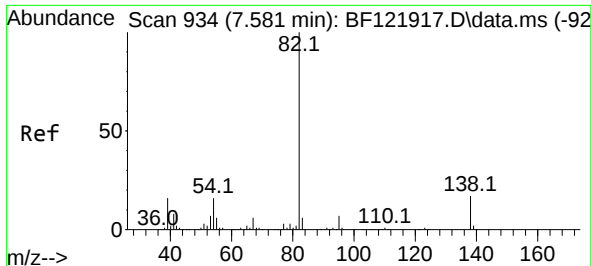
Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

Tgt Ion: 77 Resp: 311729

Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.6	53.4
65	13.9	11.2	16.8

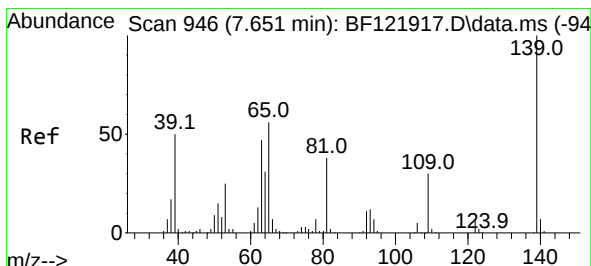
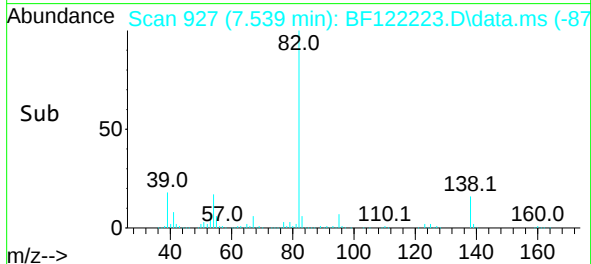
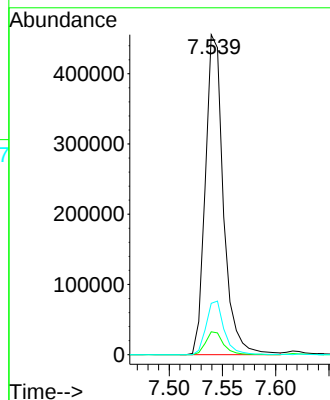
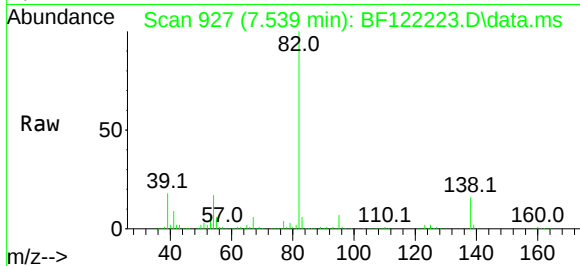




#25
Isophorone
Concen: 47.54 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

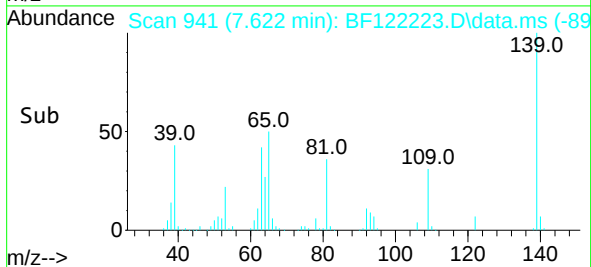
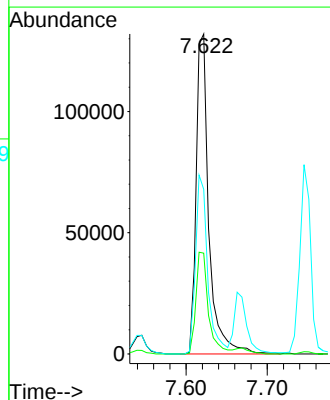
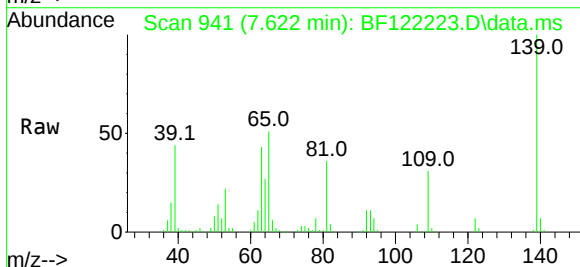
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

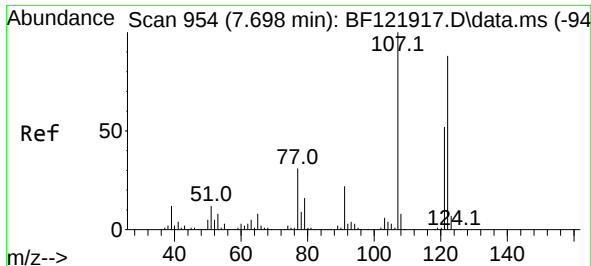
Tgt Ion: 82 Resp: 539867
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 16.1 13.4 20.0



#26
2-Nitrophenol
Concen: 48.91 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:139 Resp: 144599
Ion Ratio Lower Upper
139 100
109 31.5 23.0 34.4
65 51.4 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 47.22 ng

RT: 7.669 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

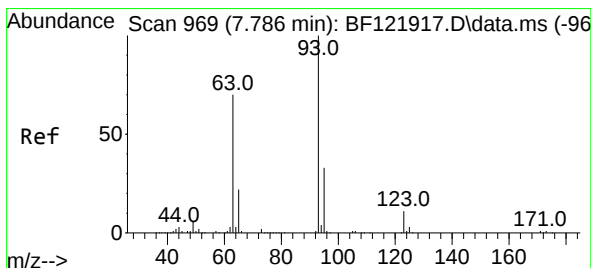
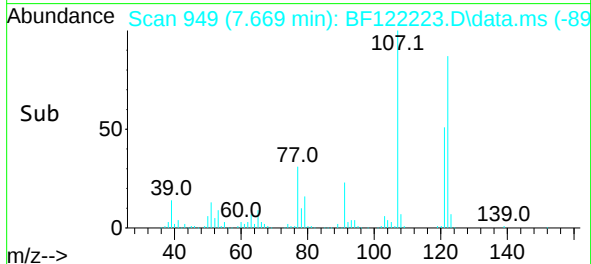
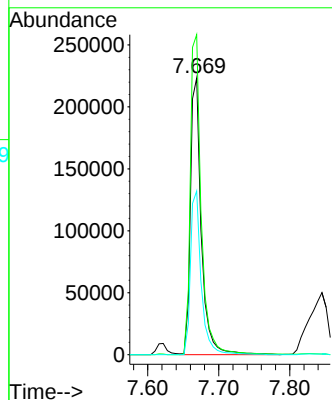
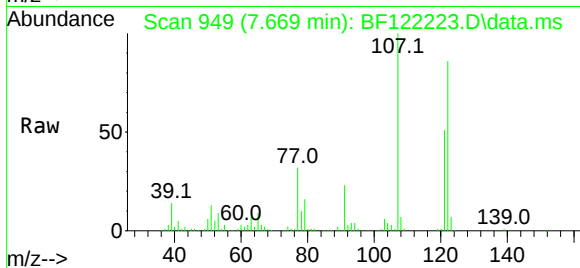
Tgt Ion:122 Resp: 237995

Ion Ratio Lower Upper

122 100

107 115.7 90.8 136.2

121 59.2 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 47.49 ng

RT: 7.745 min Scan# 962

Delta R.T. -0.006 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

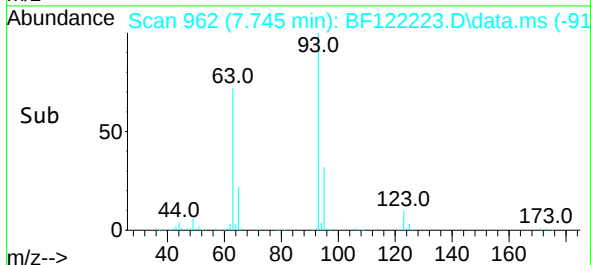
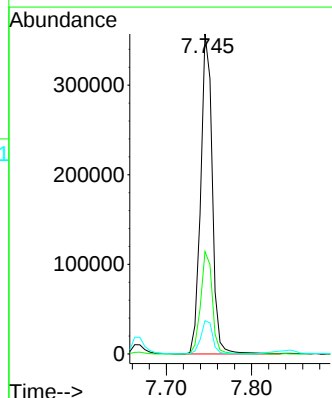
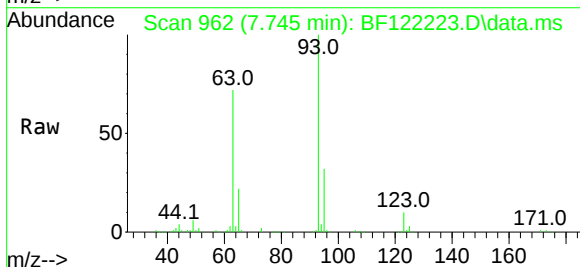
Tgt Ion: 93 Resp: 337433

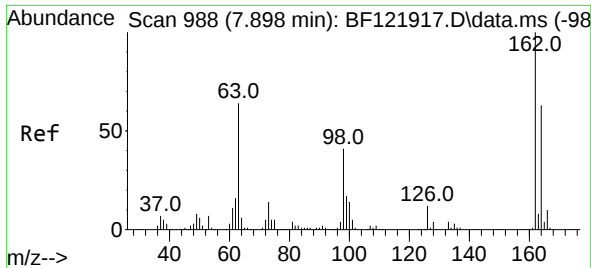
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.4

123 10.4 8.8 13.2

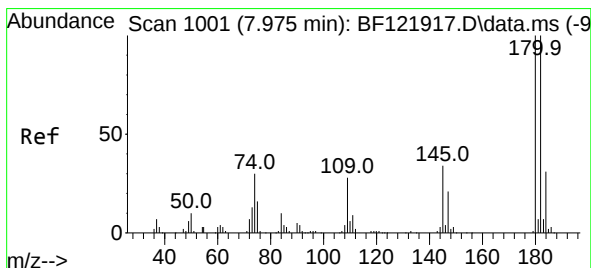
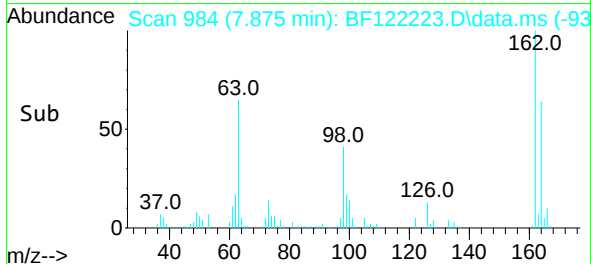
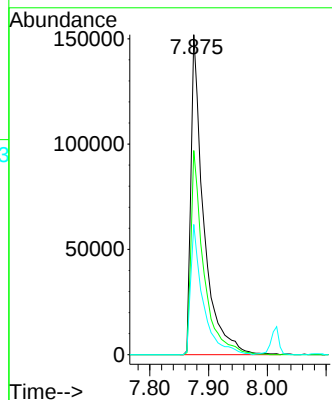
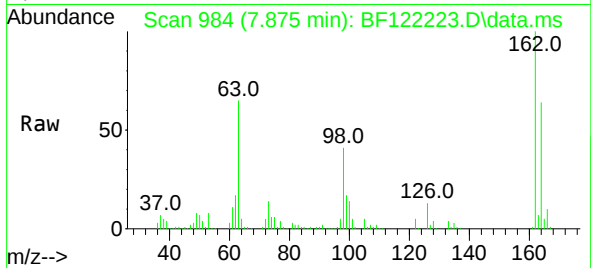




#29
2,4-Dichlorophenol
Concen: 48.55 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

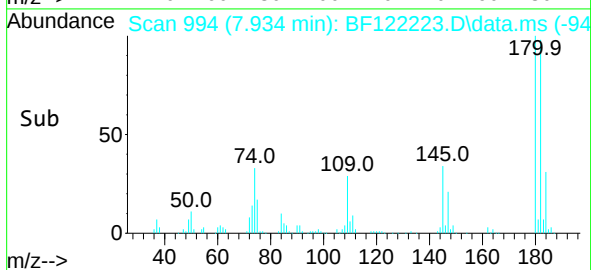
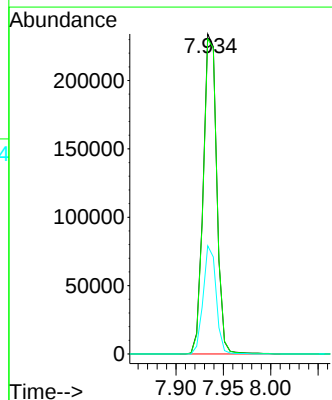
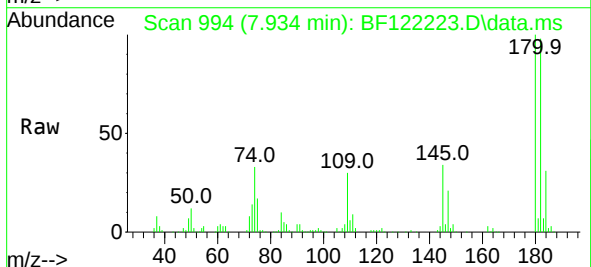
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

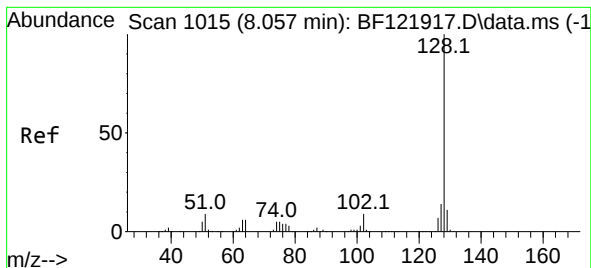
Tgt Ion:162 Resp: 229106
Ion Ratio Lower Upper
162 100
164 63.8 42.5 82.5
98 40.7 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 46.06 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:180 Resp: 231117
Ion Ratio Lower Upper
180 100
182 98.4 79.4 119.2
145 33.8 25.5 38.3

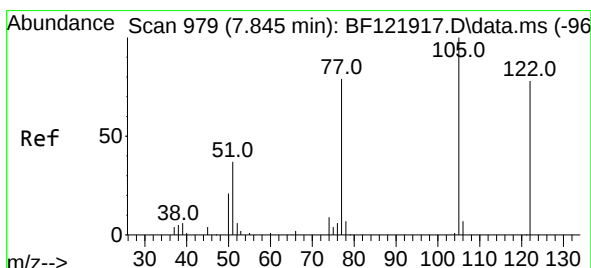
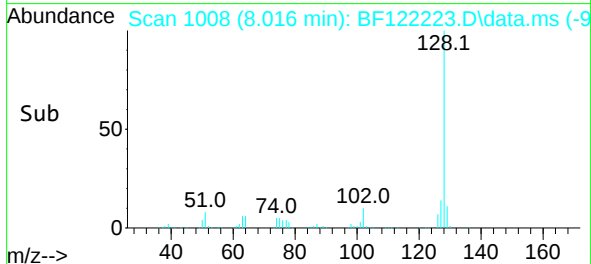
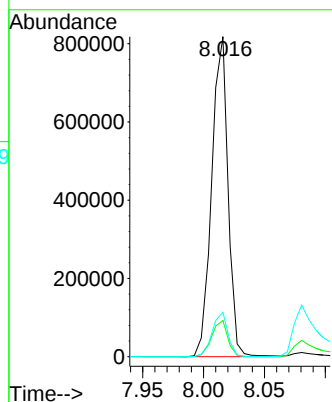
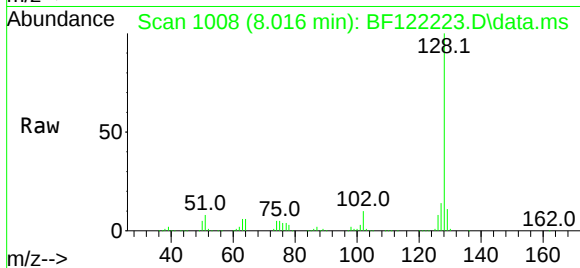




#31
Naphthalene
Concen: 46.13 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

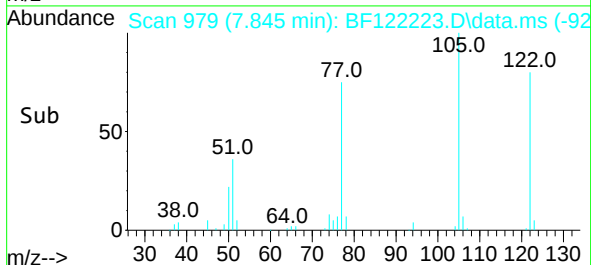
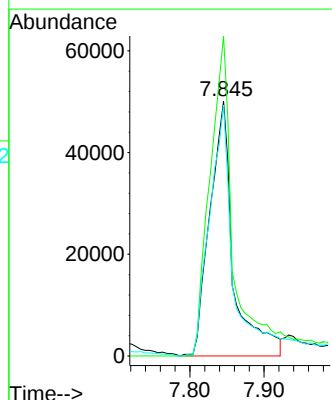
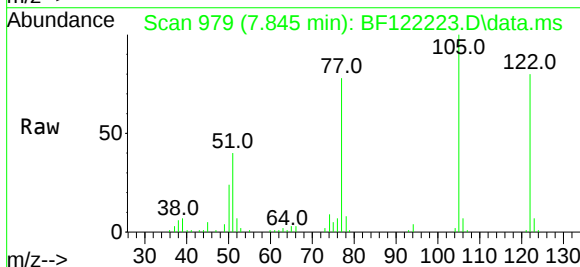
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

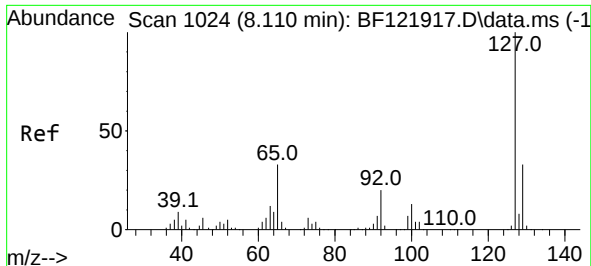
Tgt Ion:128 Resp: 761225
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 39.95 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.018 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:122 Resp: 110662
Ion Ratio Lower Upper
122 100
105 125.6 103.3 143.3
77 98.5 73.9 113.9

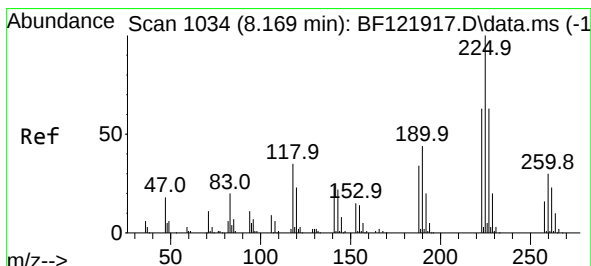
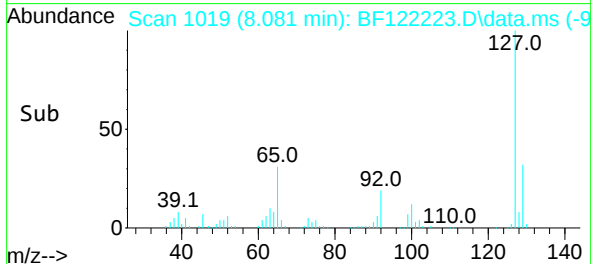
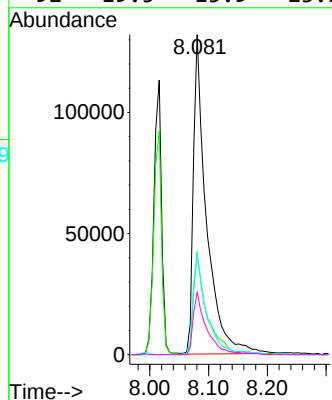
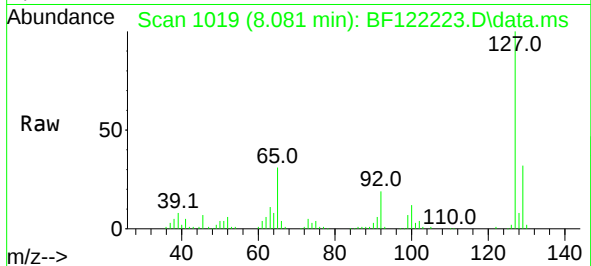




#33
4-Chloroaniline
Concen: 29.17 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

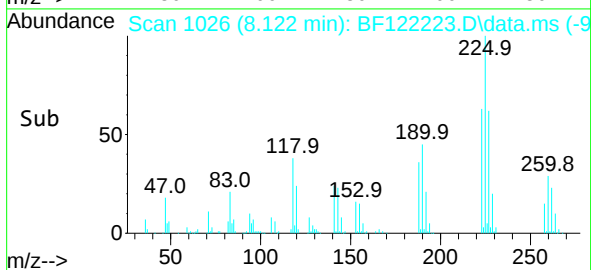
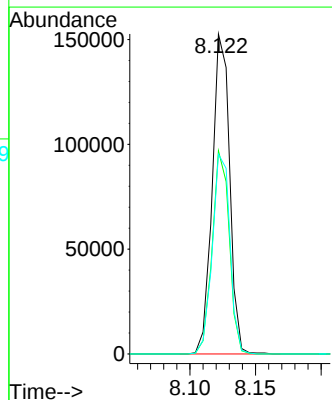
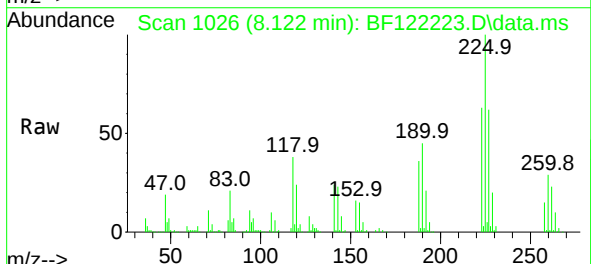
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

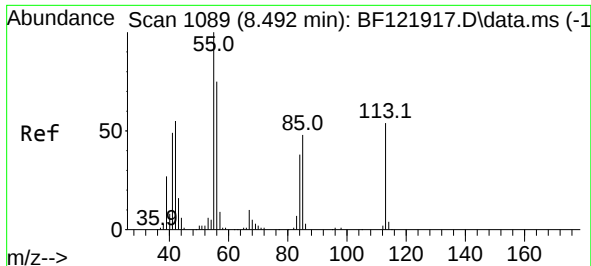
Tgt Ion:	127	Resp:	205059
Ion Ratio	Lower	Upper	
127	100		
129	31.7	26.3	39.5
65	31.3	26.2	39.2
92	19.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 47.18 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:	225	Resp:	140382
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.1	76.7
227	62.5	51.0	76.6

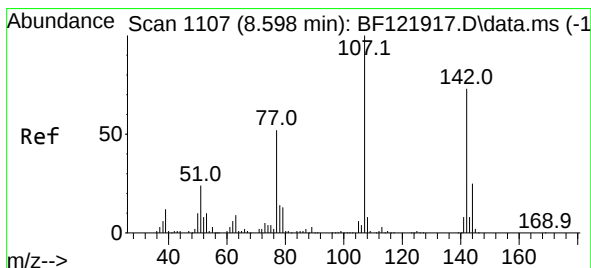
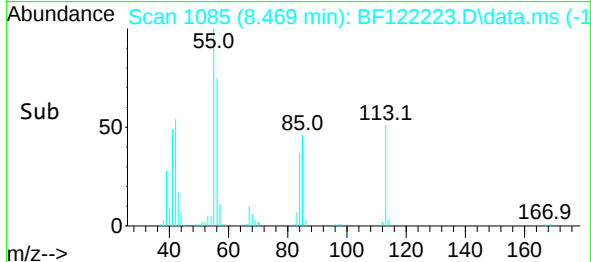
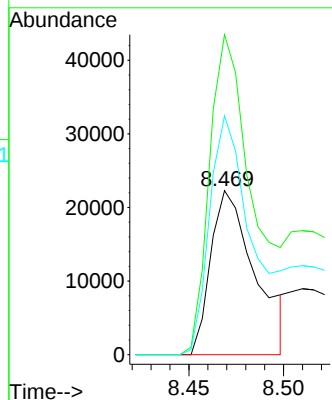
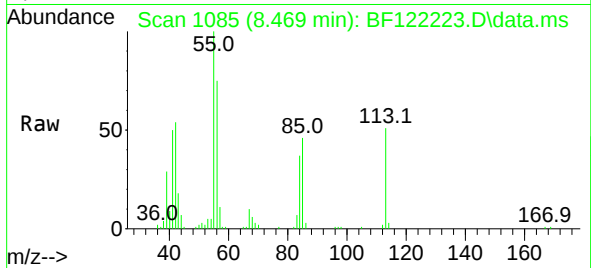




#35
 Caprolactam
 Concen: 24.17 ng
 RT: 8.469 min Scan# 1085
 Delta R.T. 0.006 min
 Lab File: BF122223.D
 Acq: 2 Nov 2020 13:40

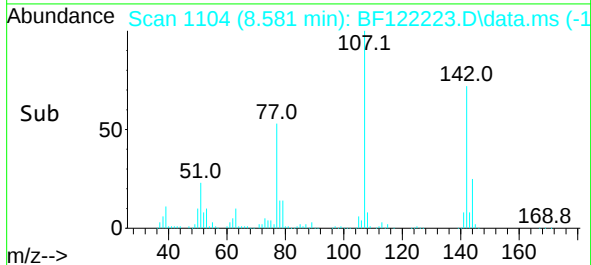
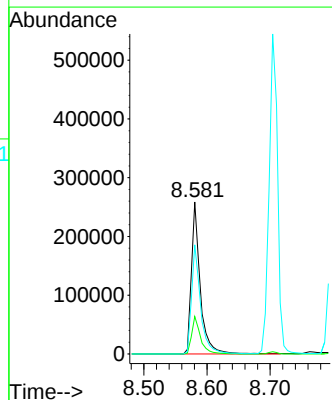
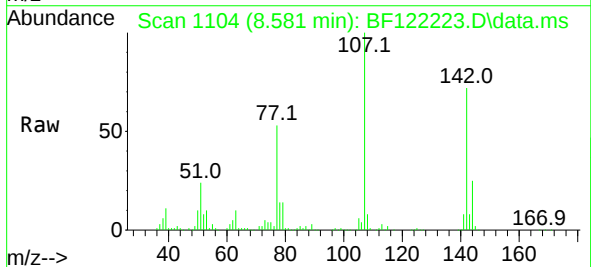
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820MSD

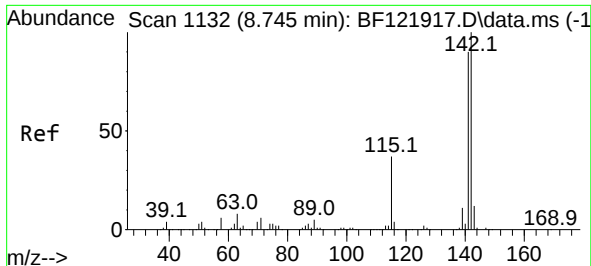
Tgt Ion:113 Resp: 36229
 Ion Ratio Lower Upper
 113 100
 55 195.1 167.5 207.5
 56 145.7 121.2 161.2



#36
 4-Chloro-3-methylphenol
 Concen: 50.17 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF122223.D
 Acq: 2 Nov 2020 13:40

Tgt Ion:107 Resp: 254286
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.1 30.1
 142 71.9 59.3 88.9

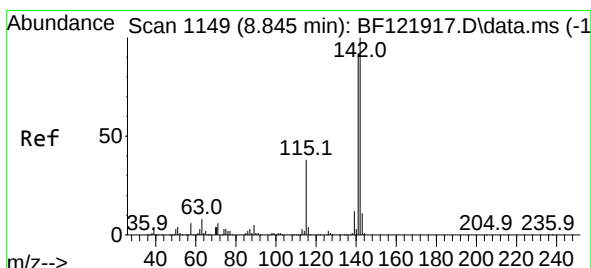
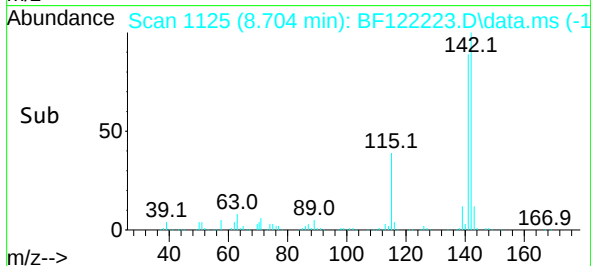
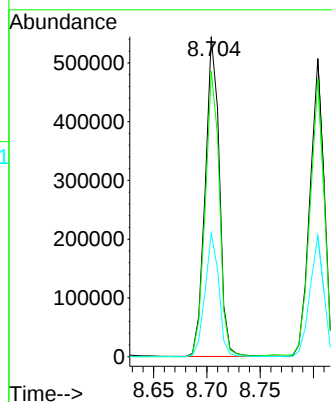
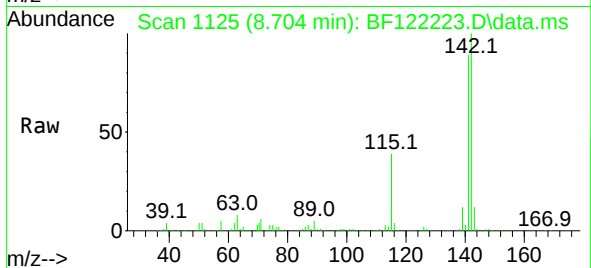




#37
2-Methylnaphthalene
Concen: 47.24 ng
RT: 8.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

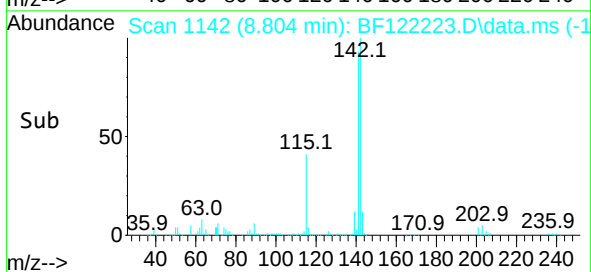
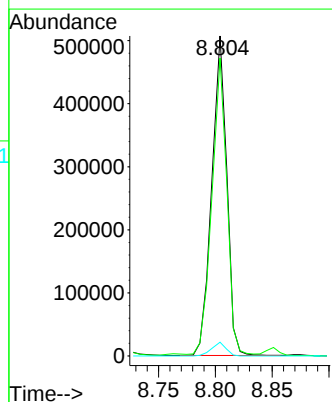
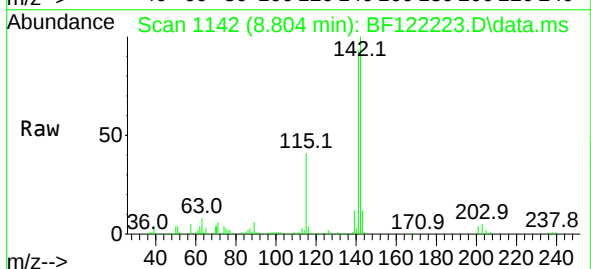
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

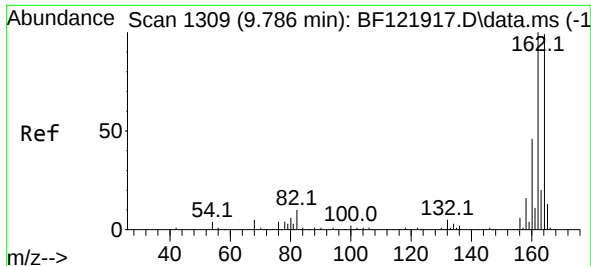
Tgt Ion:142 Resp: 504828
Ion Ratio Lower Upper
142 100
141 89.3 70.2 105.4
115 38.6 28.6 43.0



#38
1-Methylnaphthalene
Concen: 46.99 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:142 Resp: 465032
Ion Ratio Lower Upper
142 100
141 93.1 74.5 111.7
116 4.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

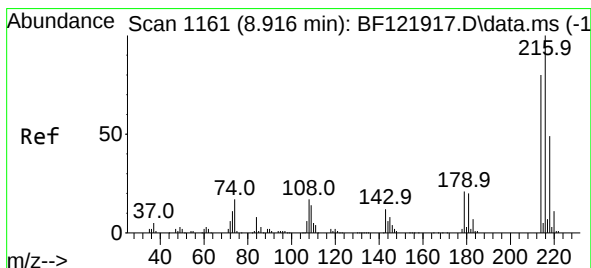
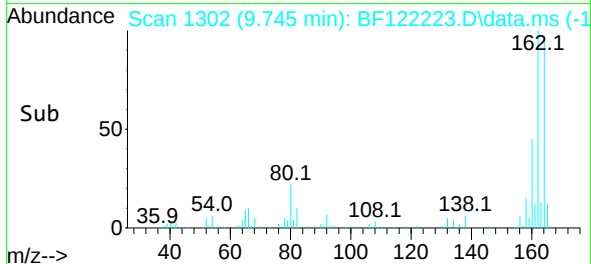
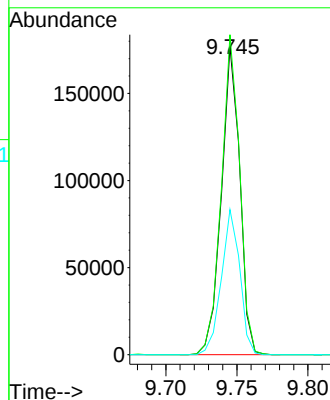
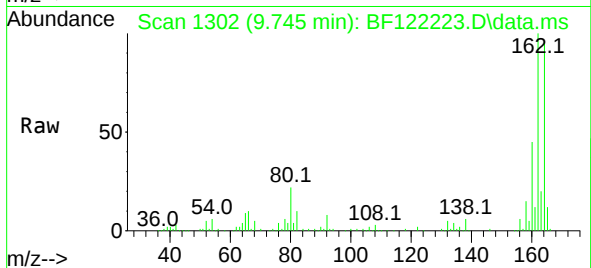
Tgt Ion:164 Resp: 159181

Ion Ratio Lower Upper

164 100

162 103.9 83.2 124.8

160 47.1 37.5 56.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.33 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

Tgt Ion:216 Resp: 243153

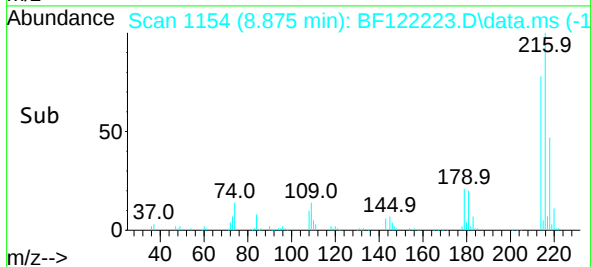
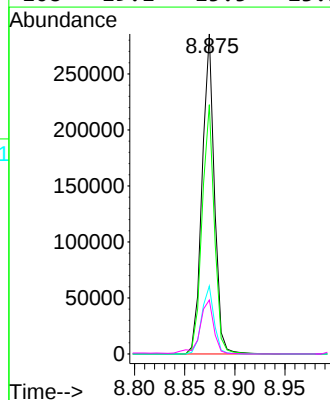
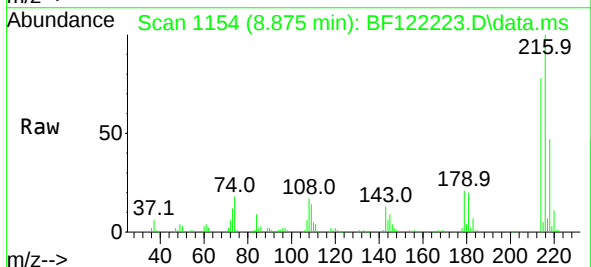
Ion Ratio Lower Upper

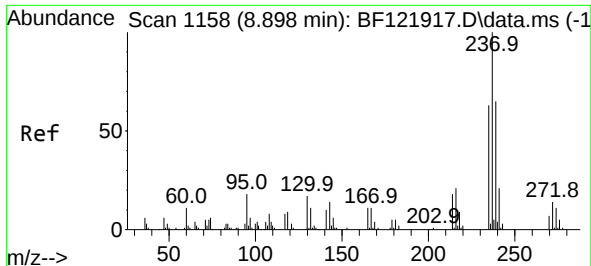
216 100

214 78.2 63.4 95.2

179 21.3 17.0 25.6

108 19.1 15.5 23.3

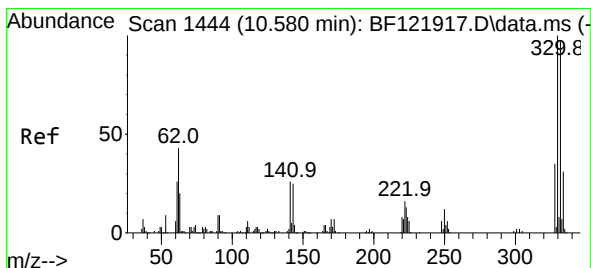
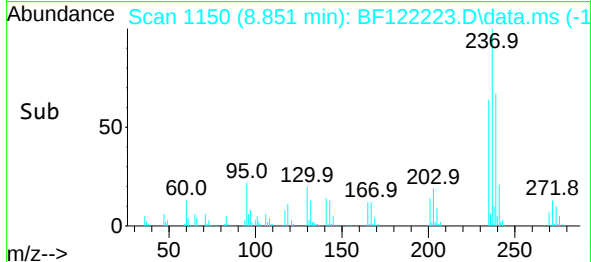
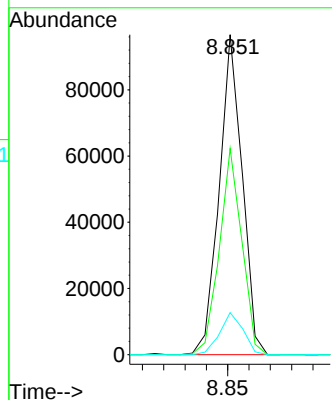
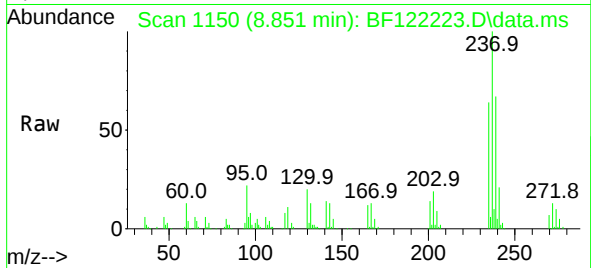




#41
Hexachlorocyclopentadiene
Concen: 55.46 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

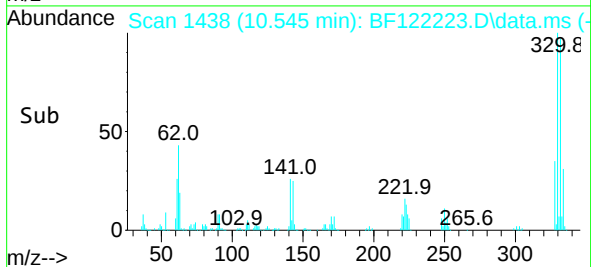
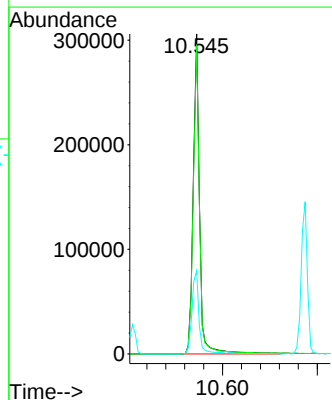
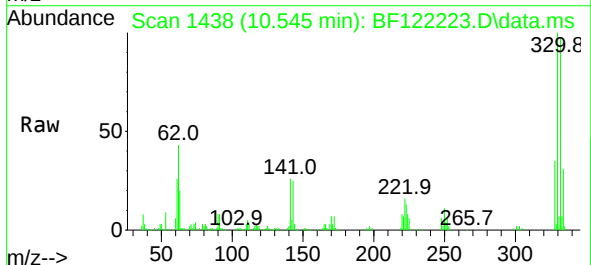
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

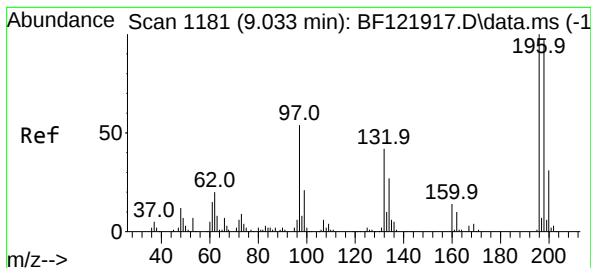
Tgt Ion:237 Resp: 72346
Ion Ratio Lower Upper
237 100
235 64.5 41.8 81.8
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 143.64 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:330 Resp: 282835
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.6 22.3 33.5

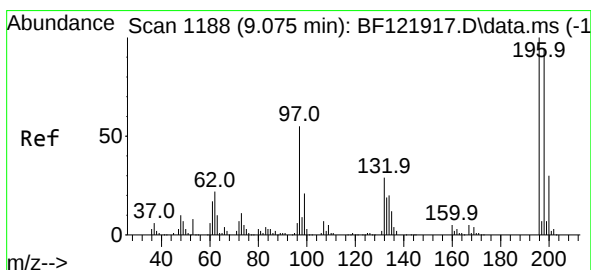
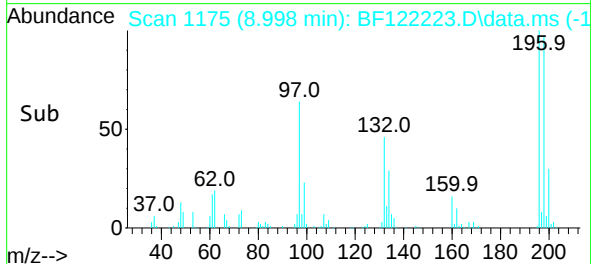
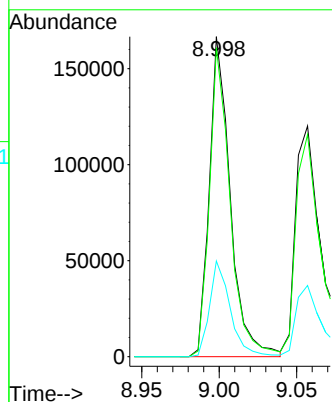
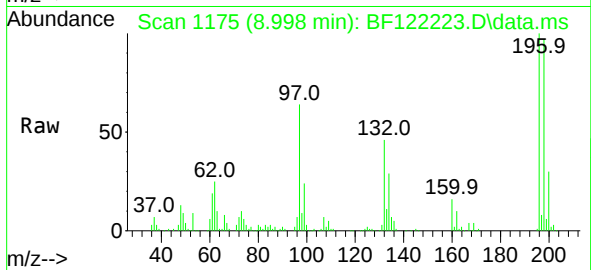




#43
2,4,6-Trichlorophenol
Concen: 49.53 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

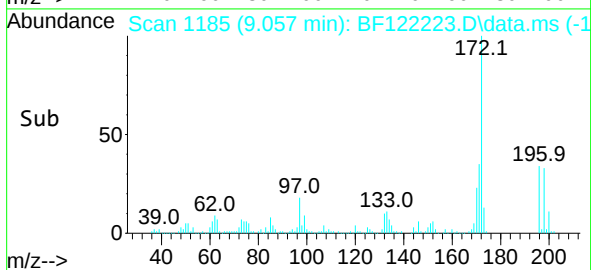
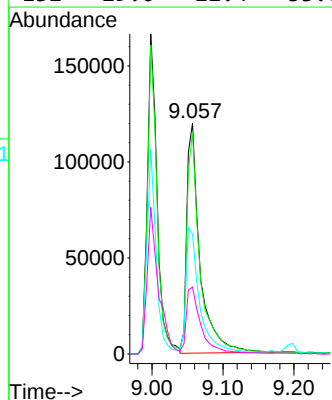
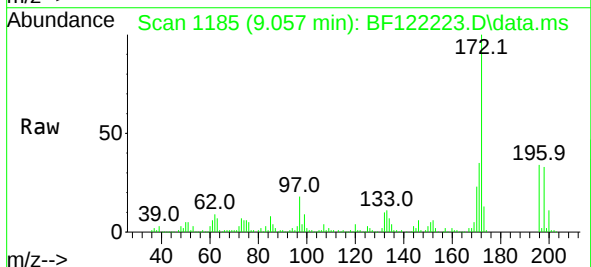
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

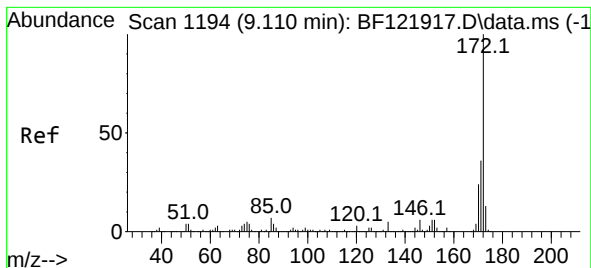
Tgt Ion:196 Resp: 157004
Ion Ratio Lower Upper
196 100
198 96.5 75.8 113.6
200 29.9 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 45.12 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:196 Resp: 154449
Ion Ratio Lower Upper
196 100
198 96.2 76.1 114.1
97 52.0 41.0 61.6
132 29.0 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 89.20 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

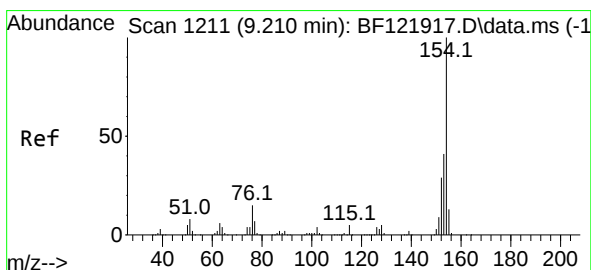
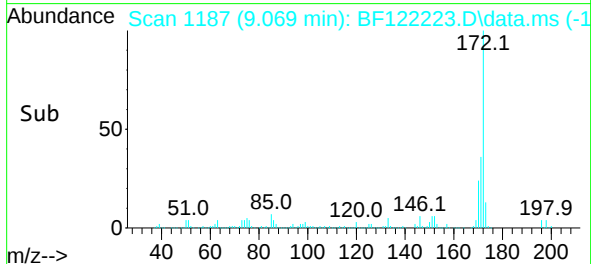
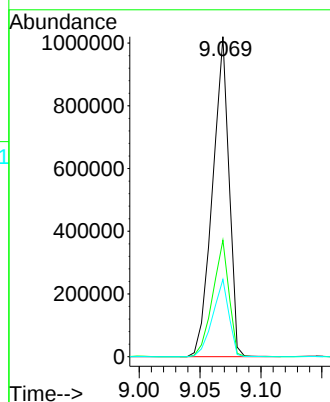
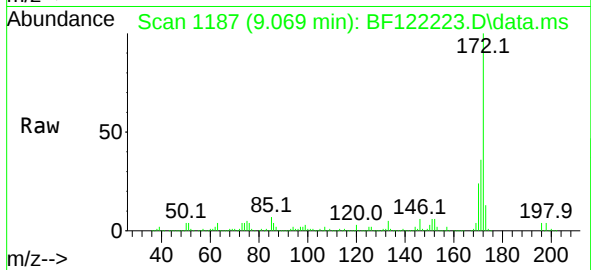
Tgt Ion:172 Resp: 964982

Ion Ratio Lower Upper

172 100

171 36.4 29.1 43.7

170 24.2 19.8 29.6



#46

1,1'-Biphenyl

Concen: 47.81 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

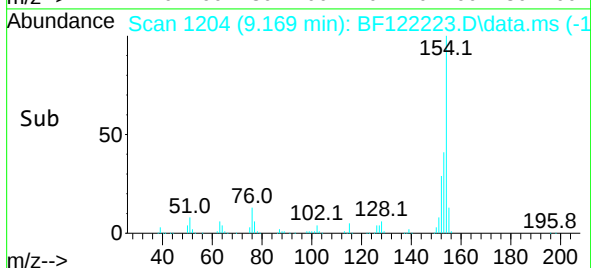
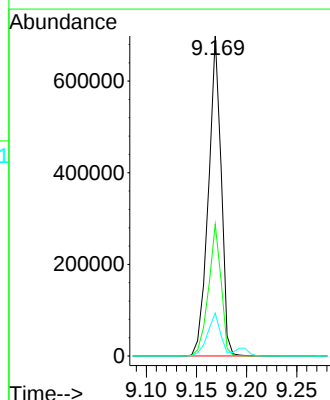
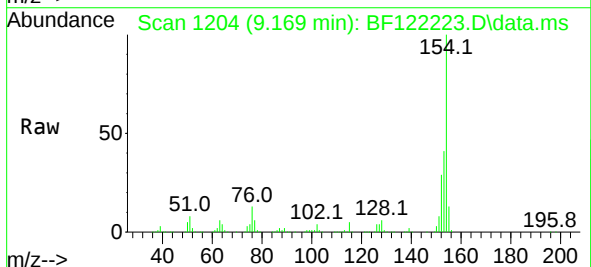
Tgt Ion:154 Resp: 618815

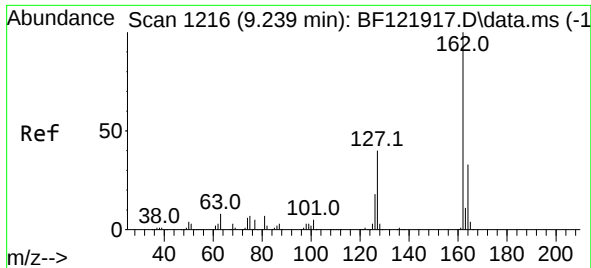
Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

76 13.4 0.0 34.7

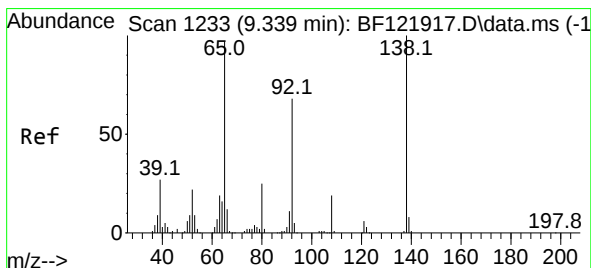
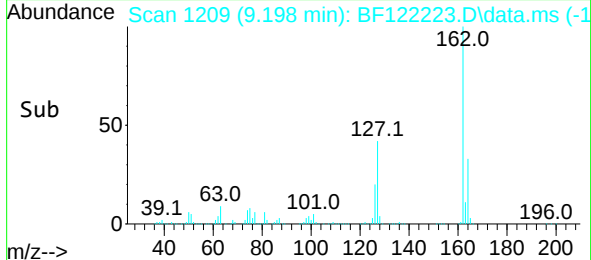
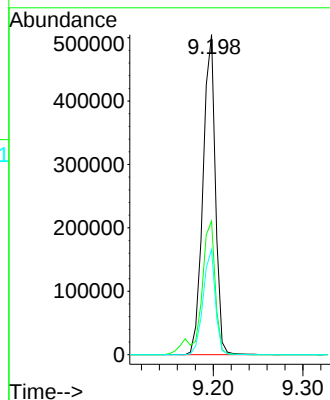
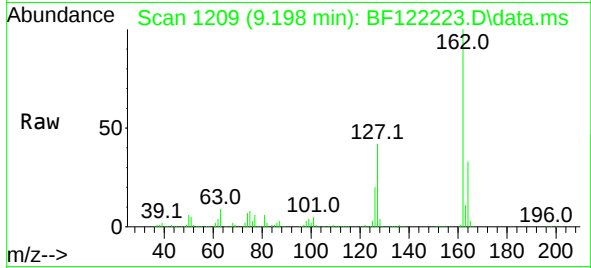




#47
2-Chloronaphthalene
Concen: 48.09 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

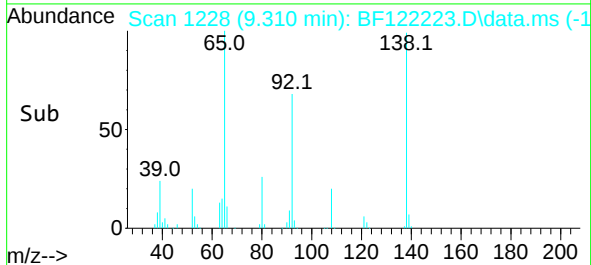
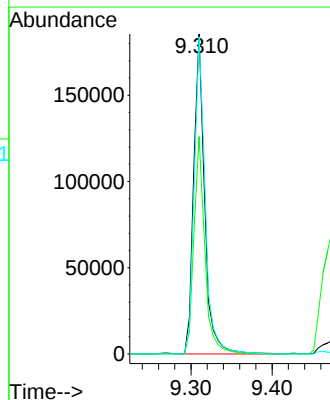
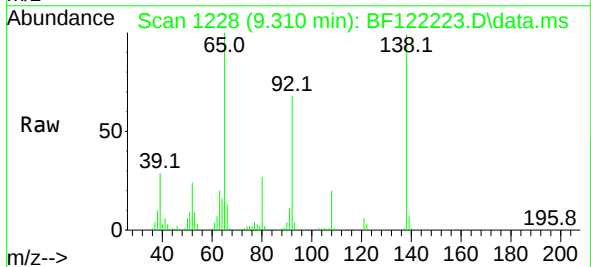
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

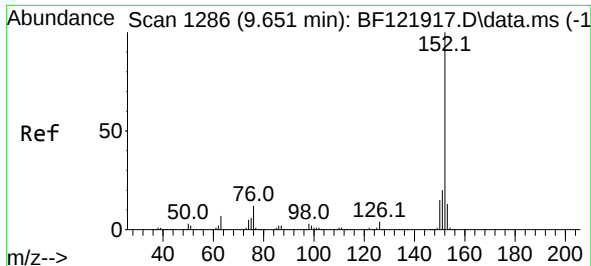
Tgt Ion:162 Resp: 484011
Ion Ratio Lower Upper
162 100
127 41.7 34.4 51.6
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 52.67 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion: 65 Resp: 174859
Ion Ratio Lower Upper
65 100
92 67.9 55.1 82.7
138 99.1 80.5 120.7





#49

Acenaphthylene

Concen: 47.29 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

Tgt Ion:152 Resp: 731107

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

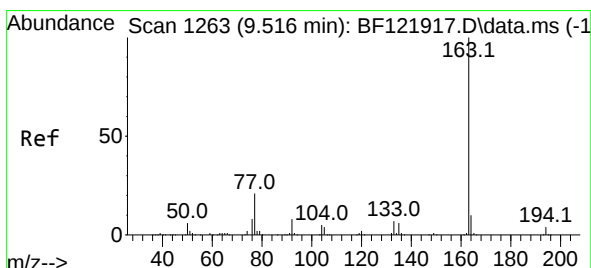
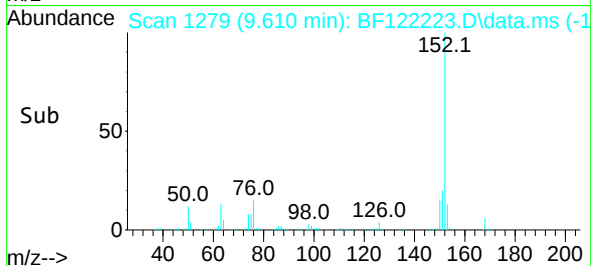
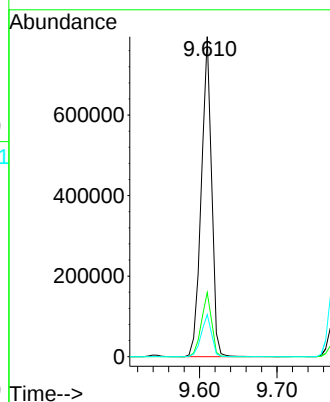
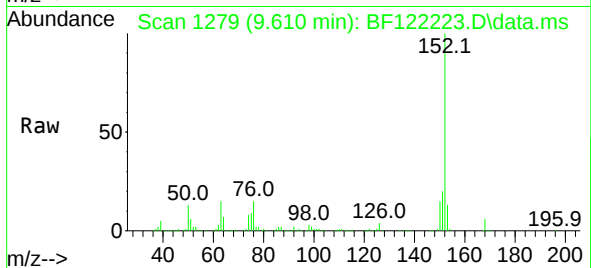
153 13.2 10.6 15.8

Instrument :

BNA_F

ClientSampleId :

HR-01-102820MSD



#50

Dimethylphthalate

Concen: 52.84 ng

RT: 9.475 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

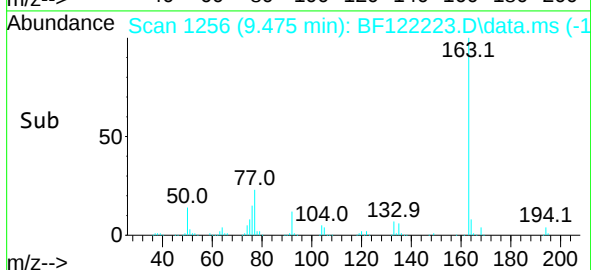
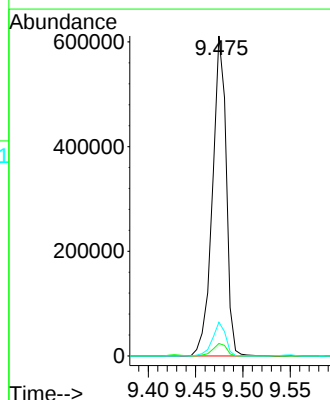
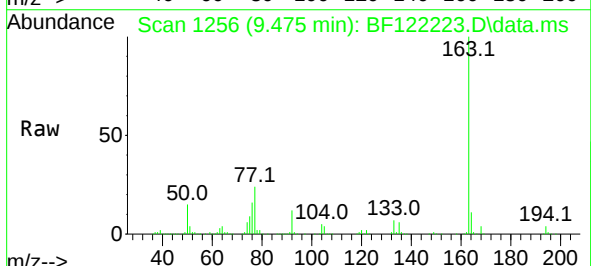
Tgt Ion:163 Resp: 615018

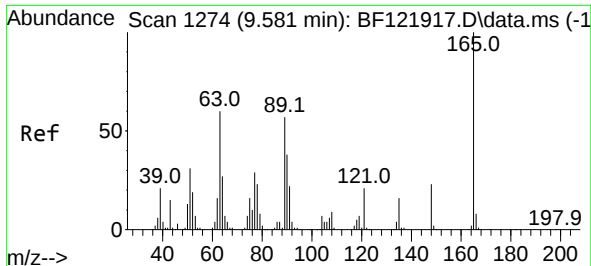
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.5 8.2 12.4

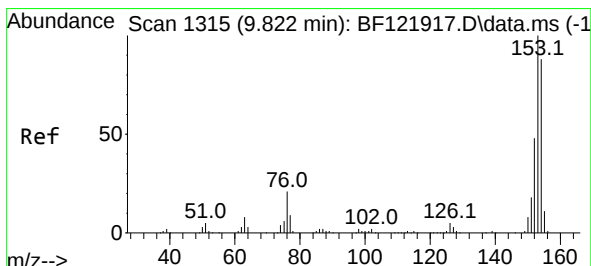
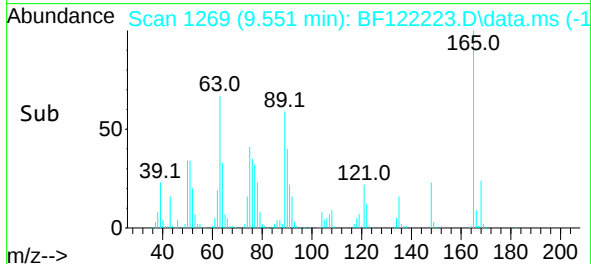
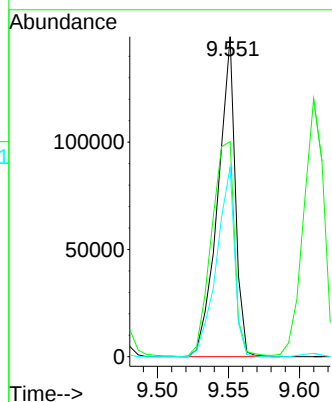
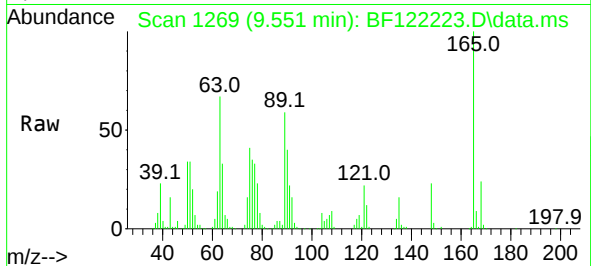




#51
2,6-Dinitrotoluene
Concen: 49.84 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

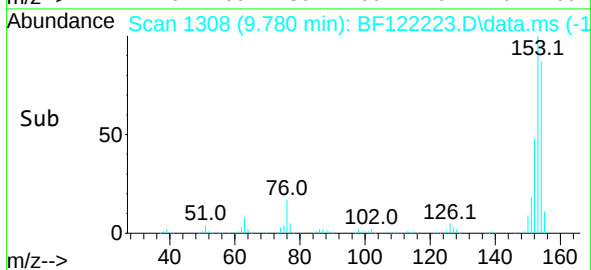
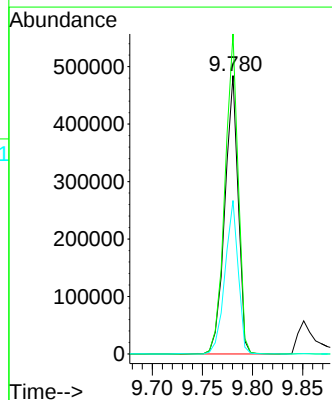
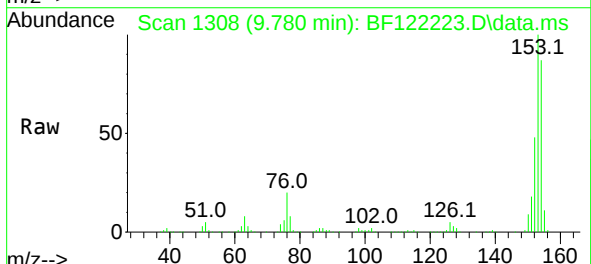
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

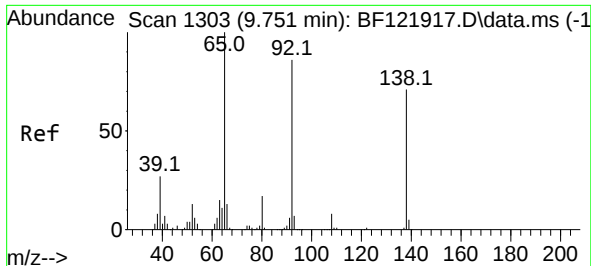
Tgt Ion:165 Resp: 127256
Ion Ratio Lower Upper
165 100
63 67.2 51.8 77.6
89 59.3 49.0 73.6



#52
Acenaphthene
Concen: 48.69 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:154 Resp: 447712
Ion Ratio Lower Upper
154 100
153 114.9 89.8 134.8
152 55.1 43.2 64.8

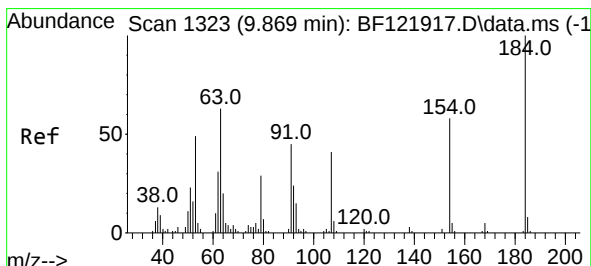
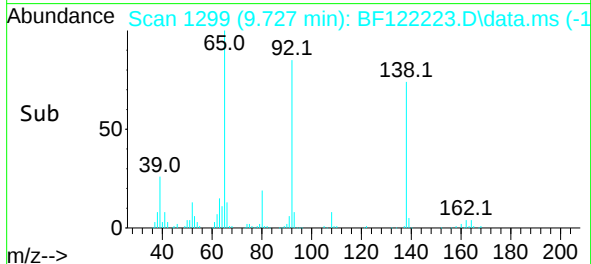
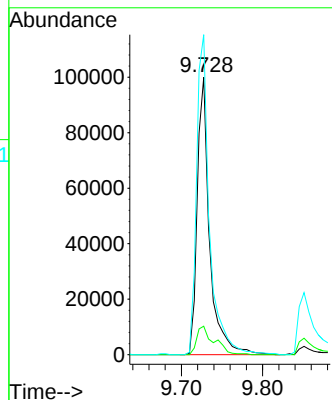
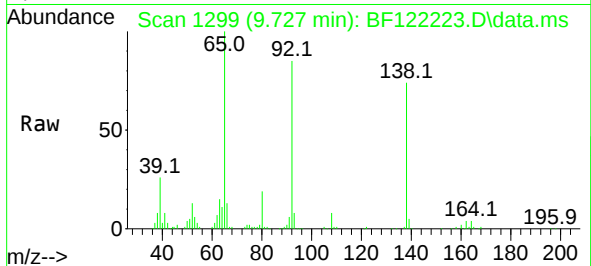




#53
3-Nitroaniline
Concen: 36.66 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

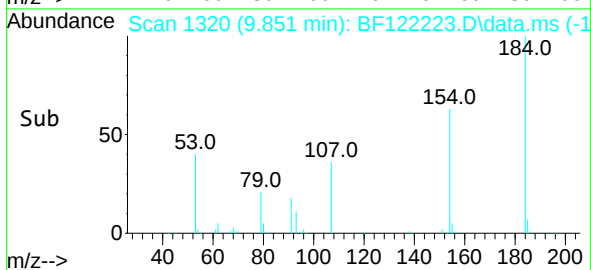
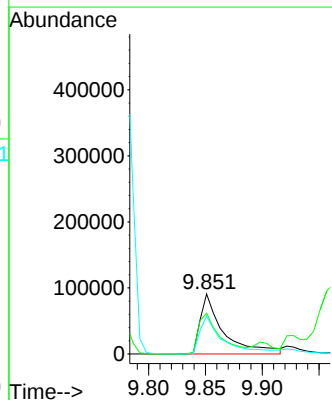
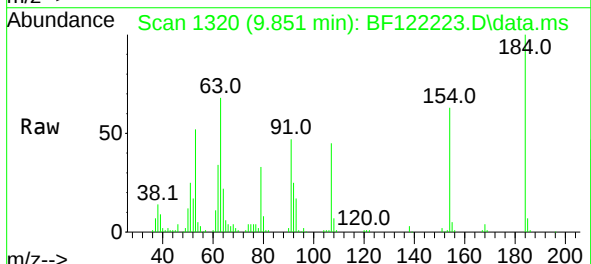
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

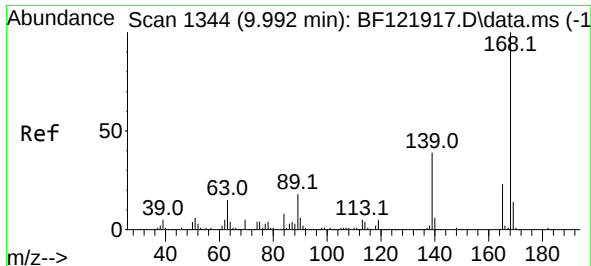
Tgt Ion:138 Resp: 106449
Ion Ratio Lower Upper
138 100
108 10.3 8.6 13.0
92 115.4 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 96.89 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:184 Resp: 128924
Ion Ratio Lower Upper
184 100
63 67.8 45.9 68.9
154 63.4 45.8 68.6

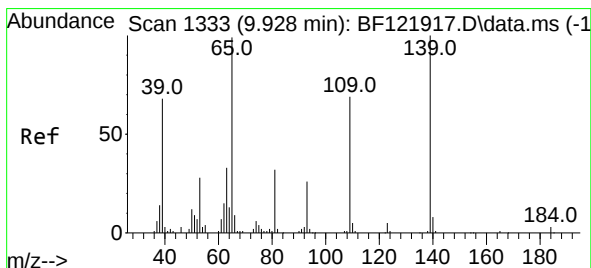
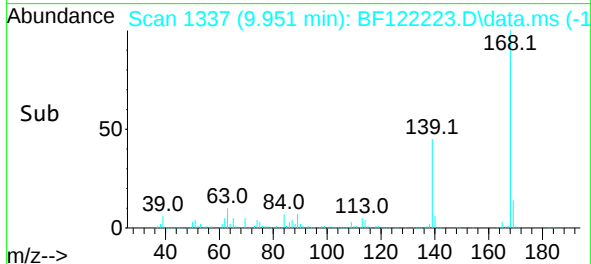
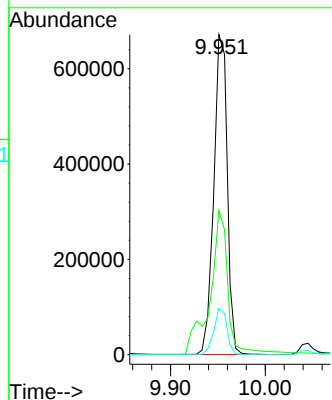
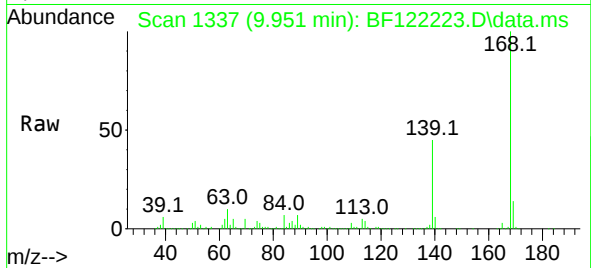




#55
Dibenzenofuran
Concen: 49.16 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

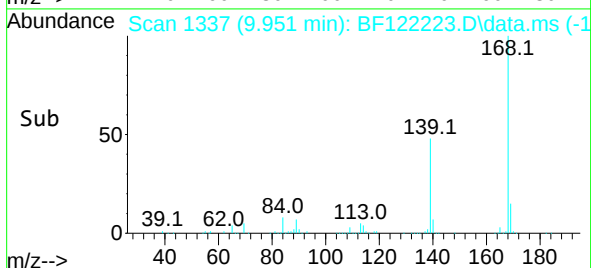
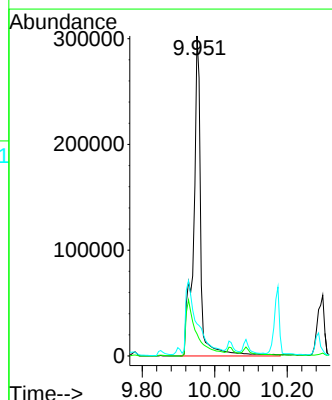
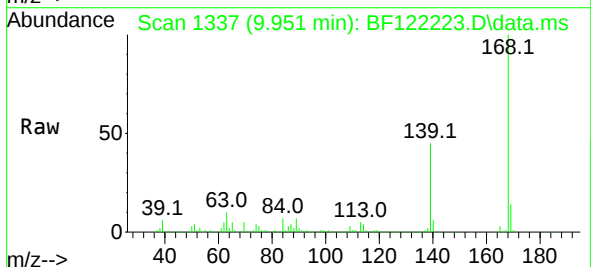
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

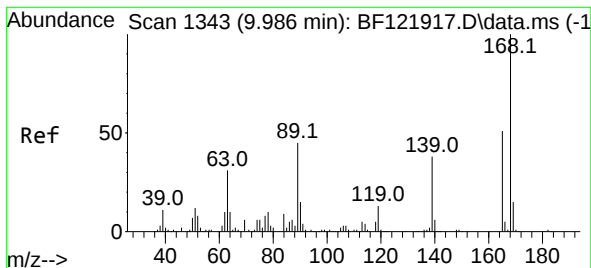
Tgt Ion:168 Resp: 661043
Ion Ratio Lower Upper
168 100
139 45.1 31.0 46.6
169 14.5 11.3 16.9



#56
4-Nitrophenol
Concen: 268.23 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.041 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

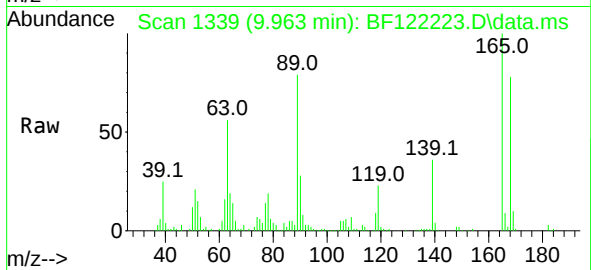
Tgt Ion:139 Resp: 423719
Ion Ratio Lower Upper
139 100
109 6.9 45.4 85.4#
65 10.0 68.4 108.4#



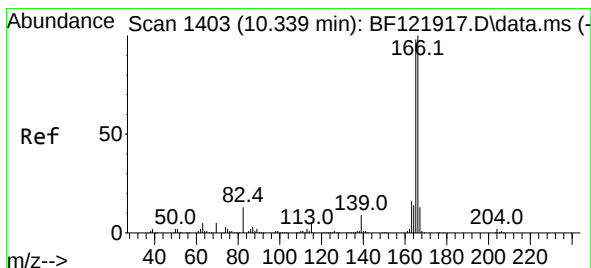
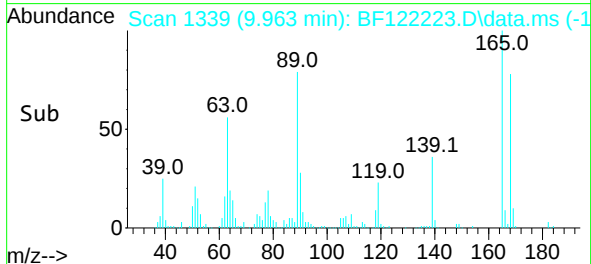
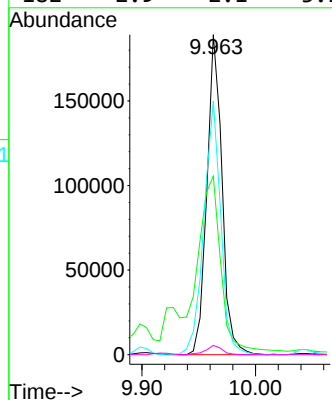


#57
2,4-Dinitrotoluene
Concen: 55.54 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

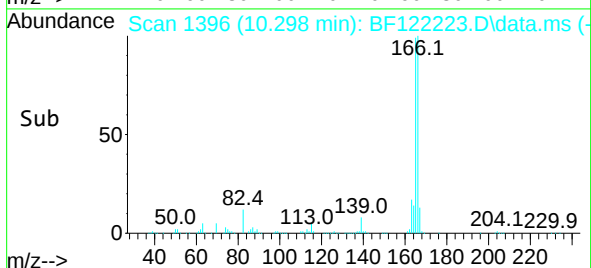
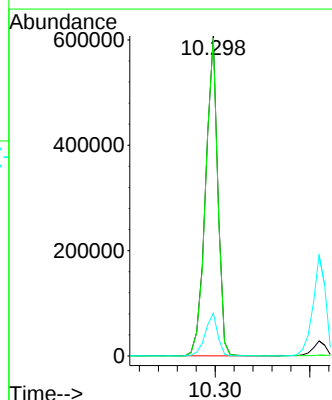
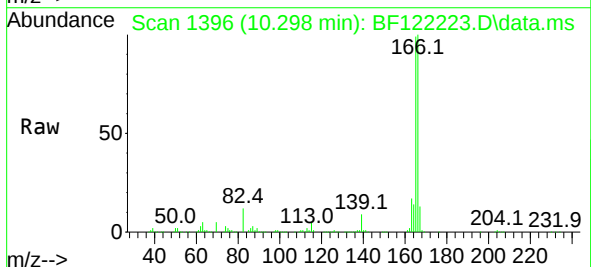


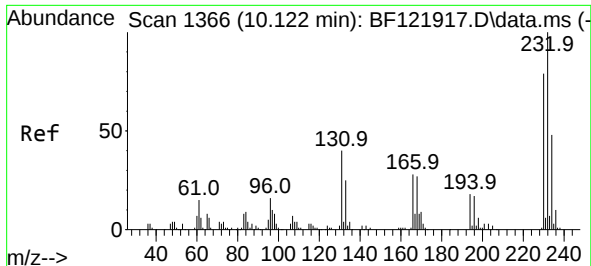
Tgt Ion:	165	Resp:	174580
Ion Ratio	Lower	Upper	
165	100		
63	55.8	41.3	61.9
89	79.3	61.8	92.8
182	2.9	2.1	3.1



#58
Fluorene
Concen: 50.13 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:	166	Resp:	543135
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.1	118.7
167	13.3	11.0	16.6



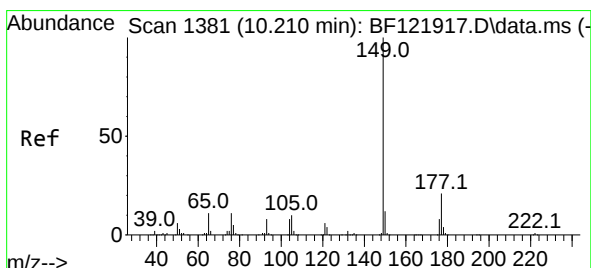
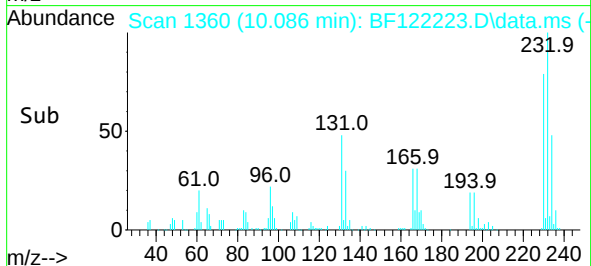
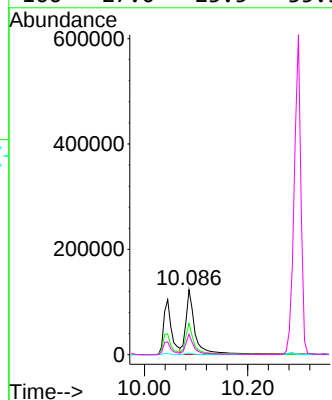
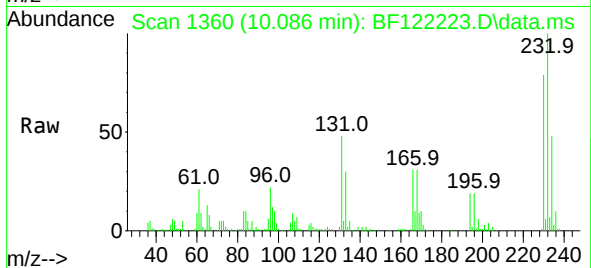


#59
2,3,4,6-Tetrachlorophenol
Concen: 56.53 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

Tgt Ion:232 Resp: 149715

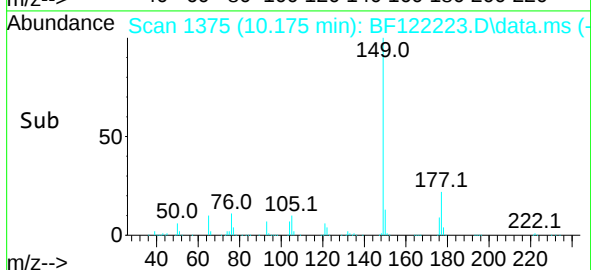
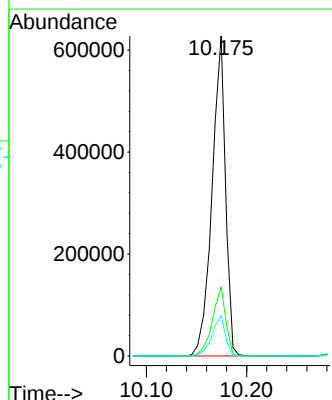
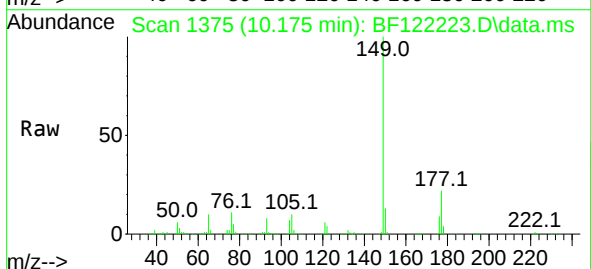
Ion	Ratio	Lower	Upper
232	100		
131	41.5	35.9	53.9
130	2.3	1.8	2.6
166	27.0	23.5	35.3

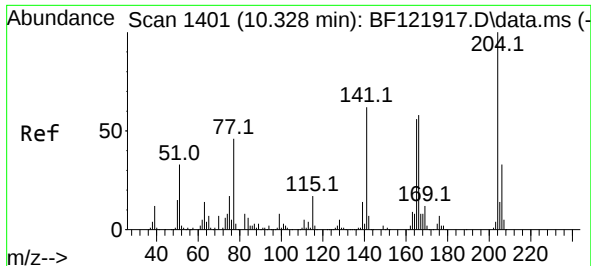


#60
Diethylphthalate
Concen: 52.15 ng
RT: 10.175 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:149 Resp: 585353

Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.1	27.1
150	12.6	10.3	15.5

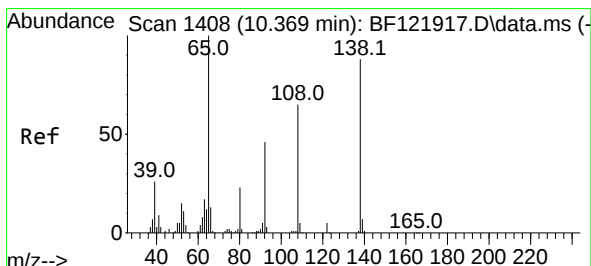
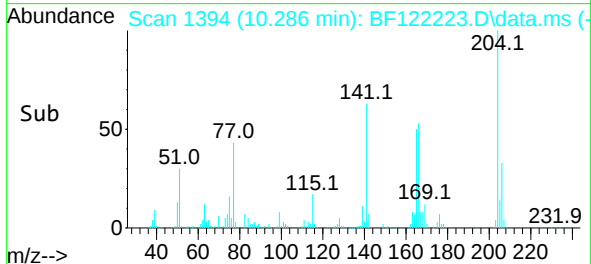
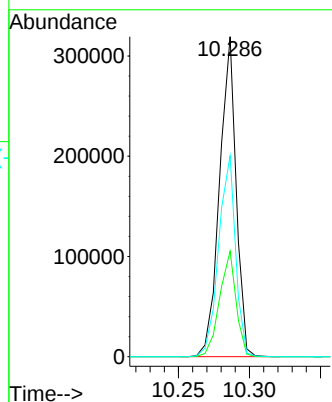
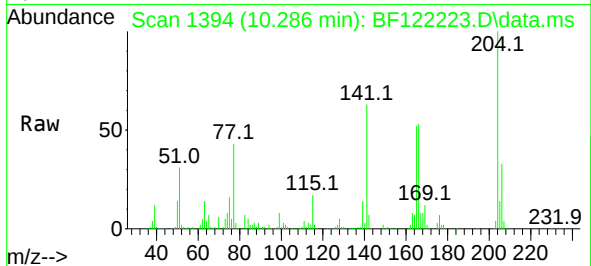




#61
4-Chlorophenyl-phenylether
Concen: 49.81 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

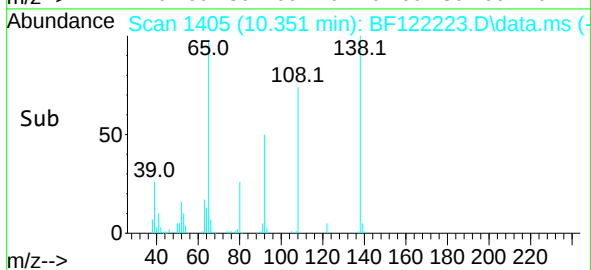
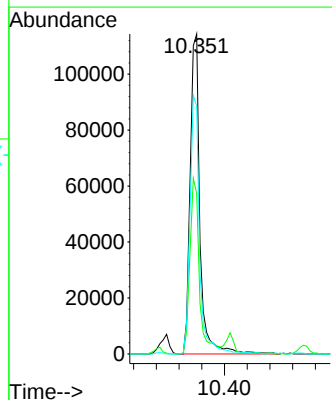
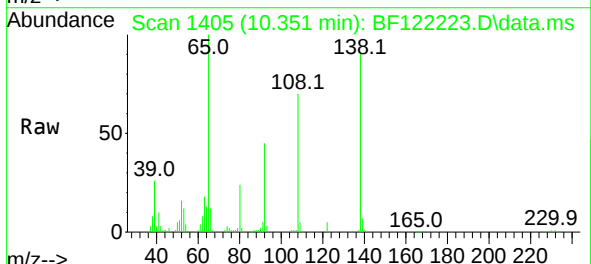
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

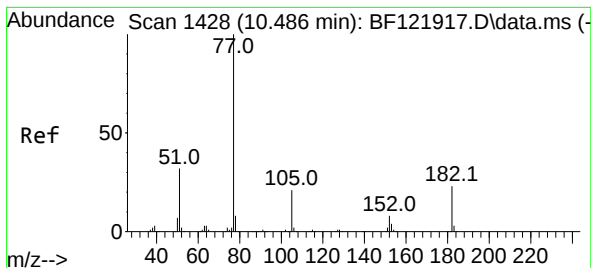
Tgt Ion:204 Resp: 258797
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 62.8 46.2 69.4



#62
4-Nitroaniline
Concen: 47.03 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.012 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:138 Resp: 136437
Ion Ratio Lower Upper
138 100
92 50.1 31.0 71.0
108 77.4 51.5 91.5





#63

Azobenzene

Concen: 51.13 ng

RT: 10.445 min Scan# 1421

Delta R.T. -0.006 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

Tgt Ion: 77 Resp: 606940

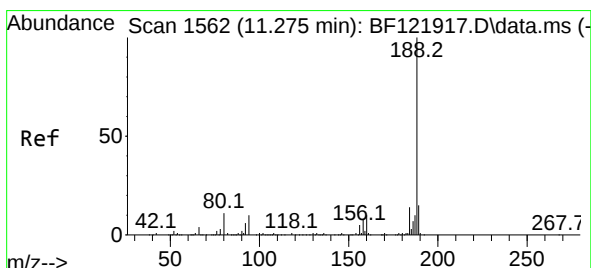
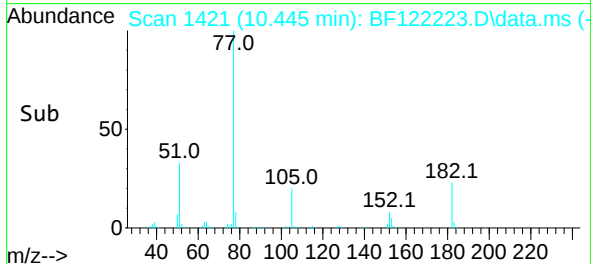
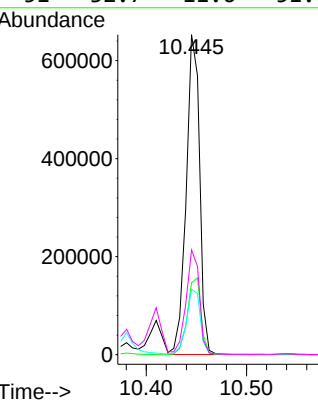
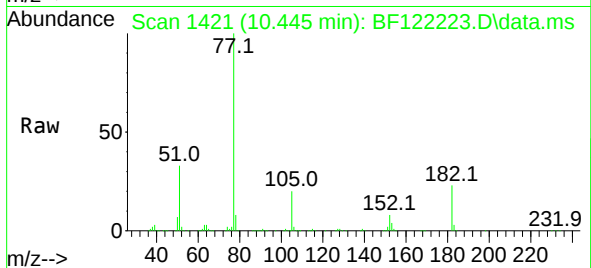
Ion Ratio Lower Upper

77 100

182 22.5 3.4 43.4

105 20.5 1.7 41.7

51 32.7 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.233 min Scan# 1555

Delta R.T. -0.000 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

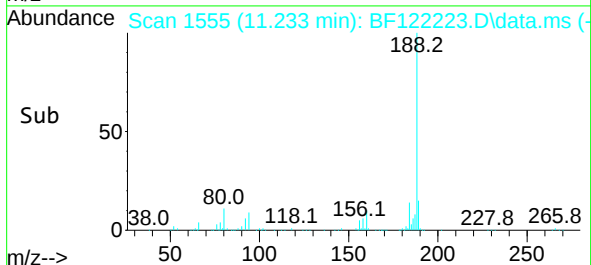
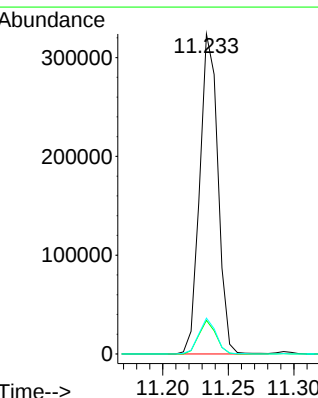
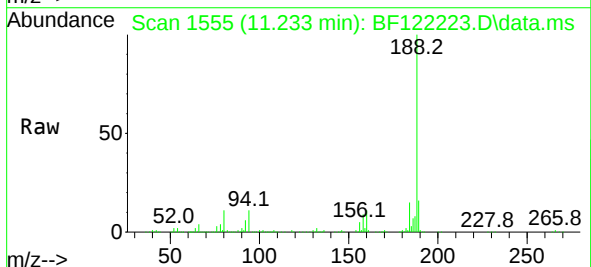
Tgt Ion:188 Resp: 312653

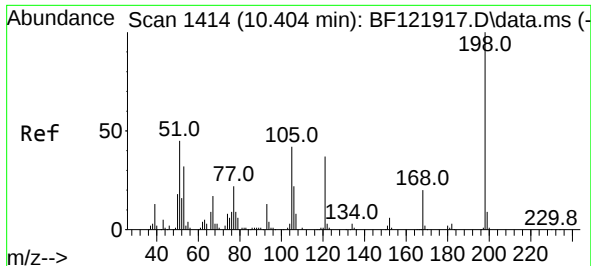
Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

80 11.2 9.1 13.7

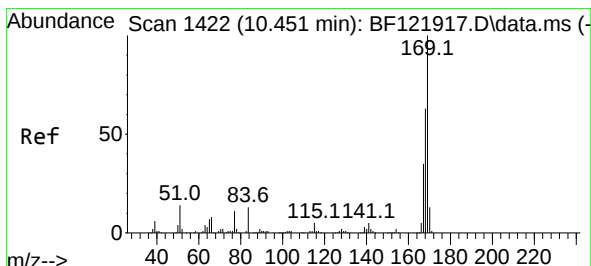
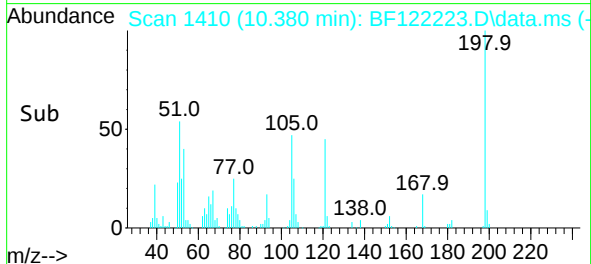
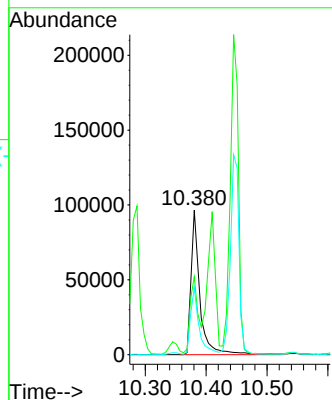
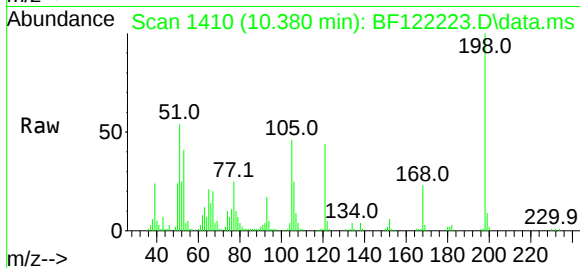




#65
4,6-Dinitro-2-methylphenol
Concen: 46.98 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

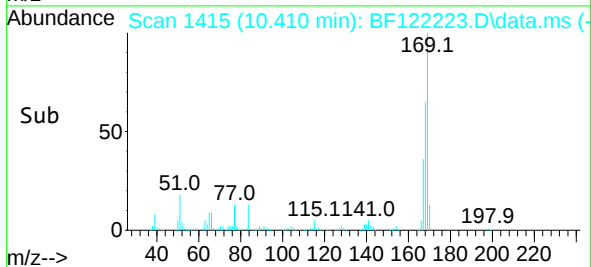
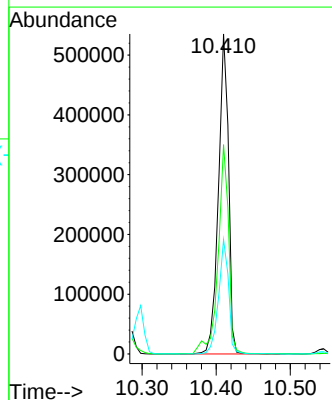
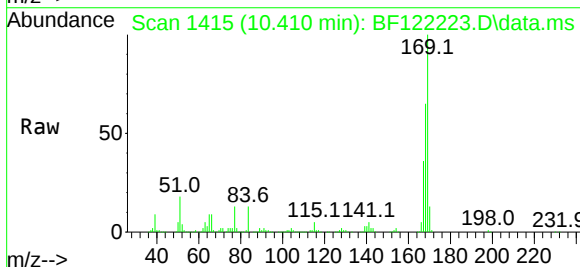
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

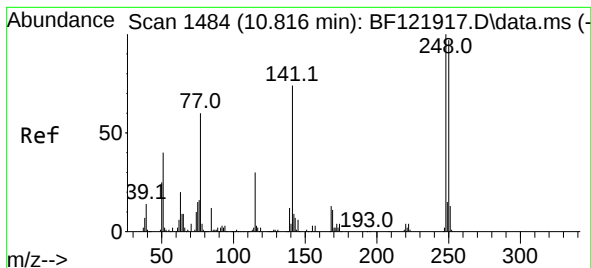
Tgt Ion:198 Resp: 98198
Ion Ratio Lower Upper
198 100
51 53.9 29.6 69.6
105 46.4 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 46.81 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:169 Resp: 504191
Ion Ratio Lower Upper
169 100
168 65.4 50.0 75.0
167 35.7 27.8 41.6

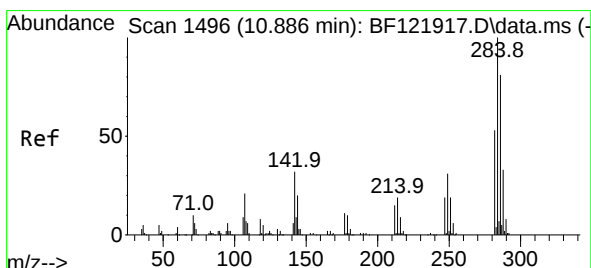
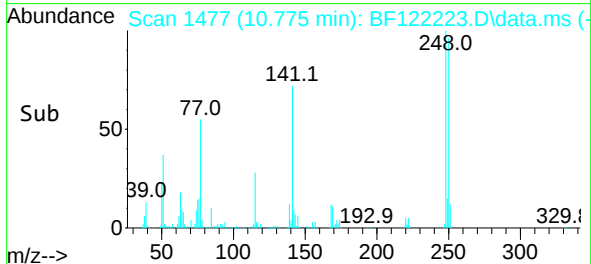
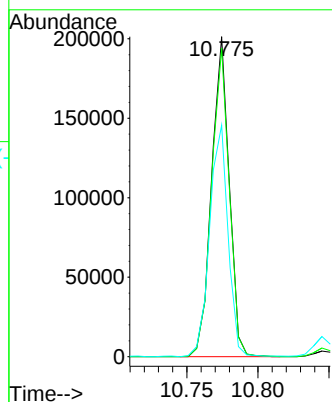
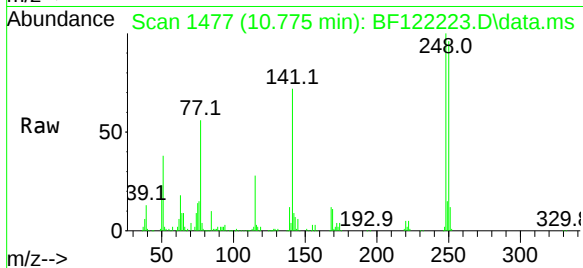




#67
4-Bromophenyl-phenylether
Concen: 47.89 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

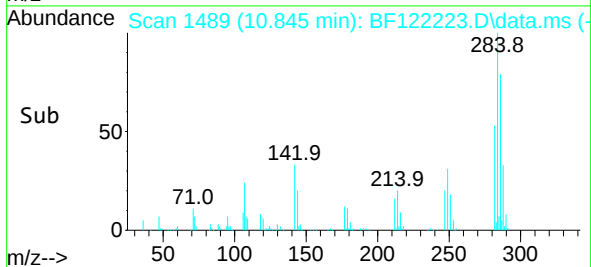
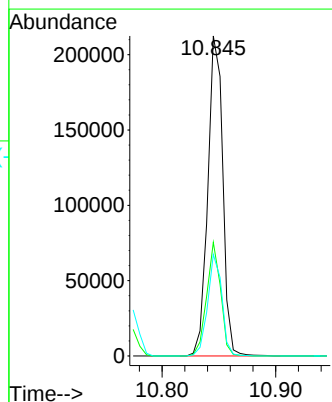
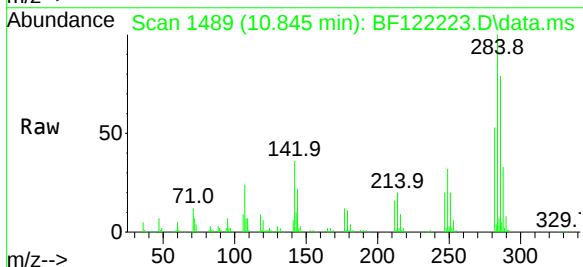
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

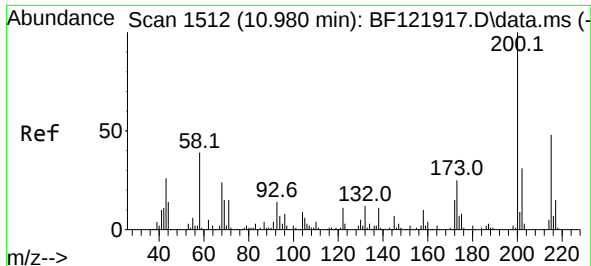
Tgt Ion:248 Resp: 172988
Ion Ratio Lower Upper
248 100
250 96.4 77.0 115.6
141 72.3 53.7 80.5



#68
Hexachlorobenzene
Concen: 47.41 ng
RT: 10.845 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:284 Resp: 193841
Ion Ratio Lower Upper
284 100
142 35.5 27.4 41.2
249 31.7 24.2 36.4

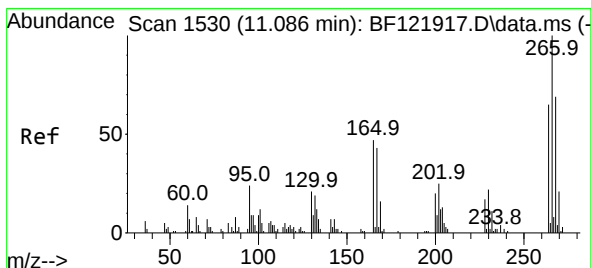
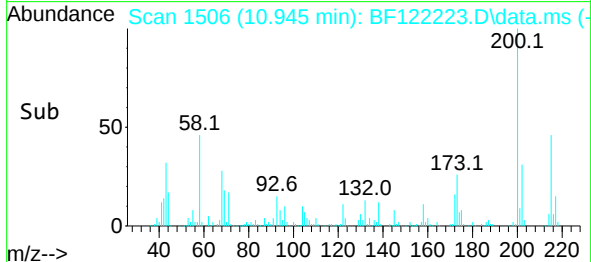
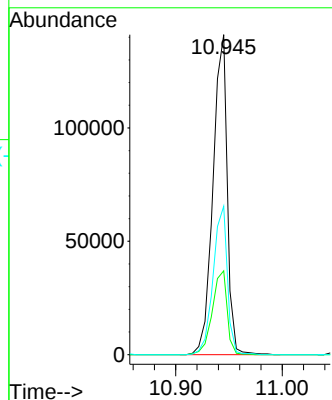
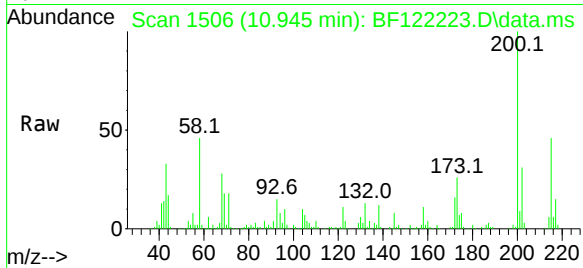




#69
Atrazine
Concen: 50.01 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

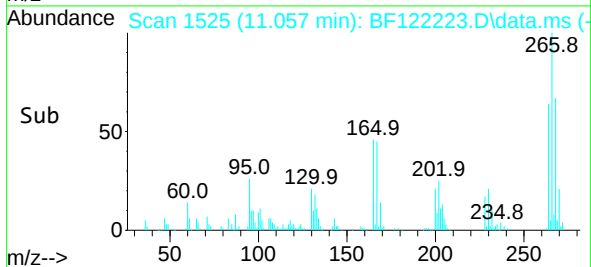
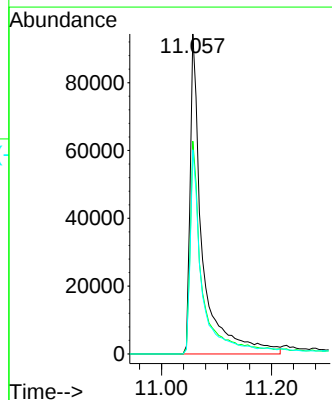
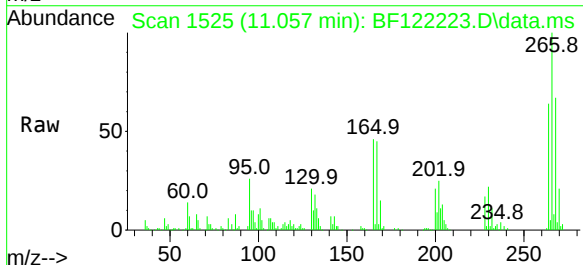
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

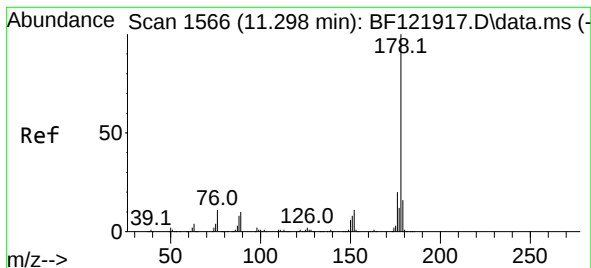
Tgt Ion:200 Resp: 131699
Ion Ratio Lower Upper
200 100
173 26.2 7.5 47.5
215 46.4 27.1 67.1



#70
Pentachlorophenol
Concen: 90.35 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:266 Resp: 147081
Ion Ratio Lower Upper
266 100
268 66.5 52.4 78.6
264 63.8 49.9 74.9

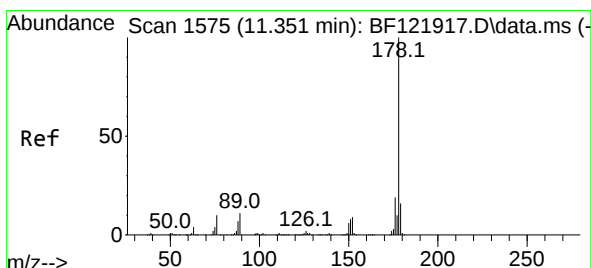
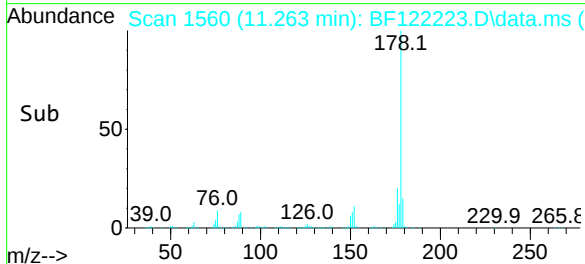
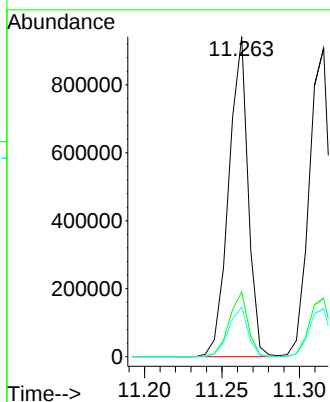
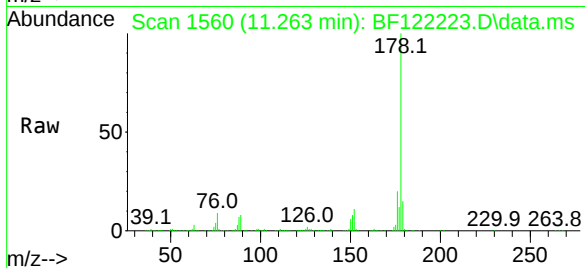




#71
Phenanthrene
Concen: 47.59 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

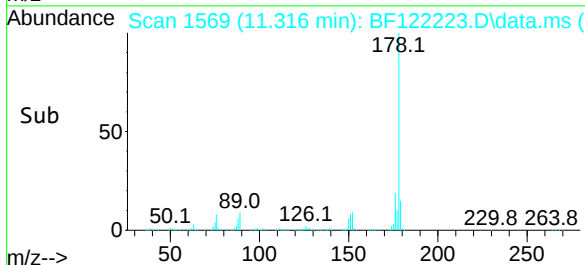
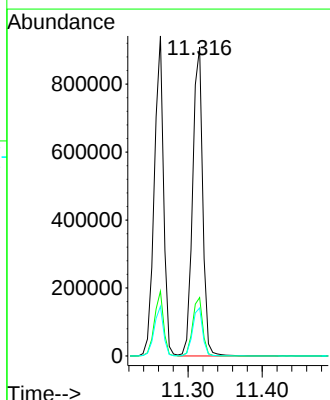
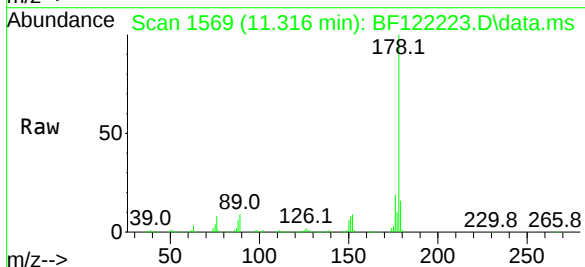
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BNA_F
ClientSampleId :
HR-01-102820MSD

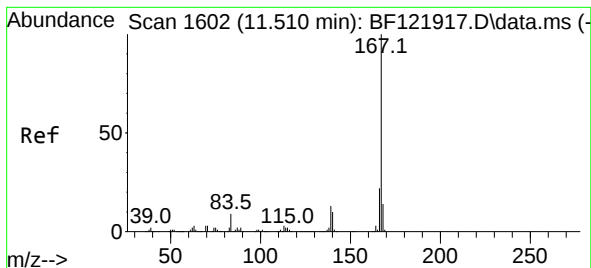
Tgt Ion:178 Resp: 815768
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.5 12.2 18.4



#72
Anthracene
Concen: 48.16 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:178 Resp: 856213
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.5 12.7 19.1





#73

Carbazole

Concen: 49.88 ng

RT: 11.480 min Scan# 1597

Delta R.T. 0.006 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

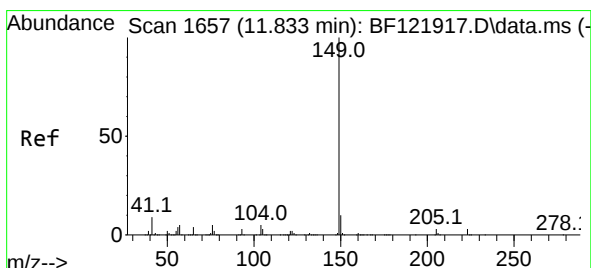
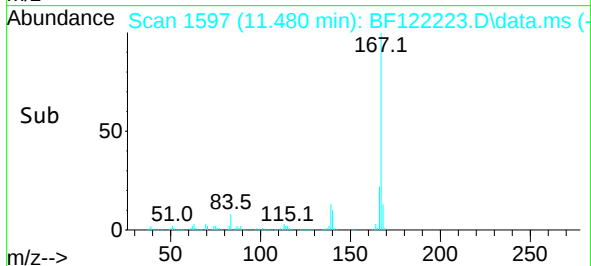
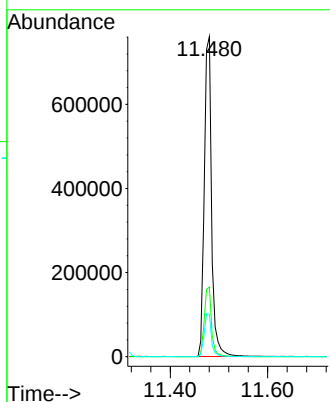
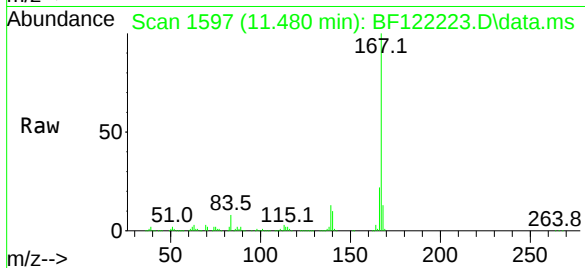
Tgt Ion:167 Resp: 788608

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

139 13.3 10.8 16.2



#74

Di-n-butylphthalate

Concen: 50.45 ng

RT: 11.792 min Scan# 1650

Delta R.T. -0.000 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

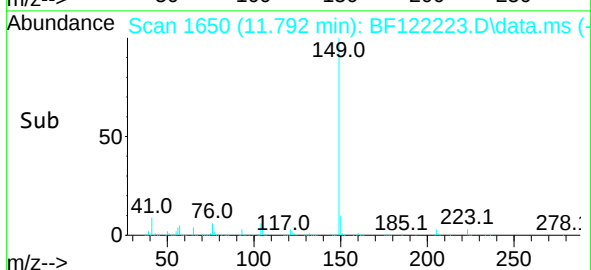
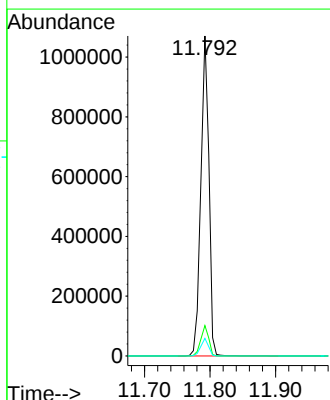
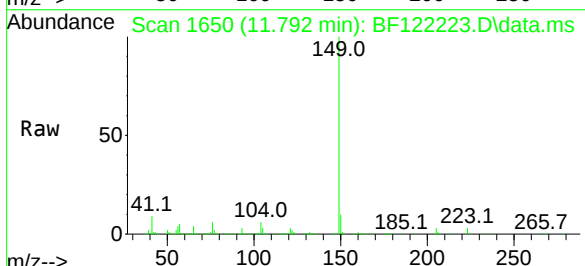
Tgt Ion:149 Resp: 917562

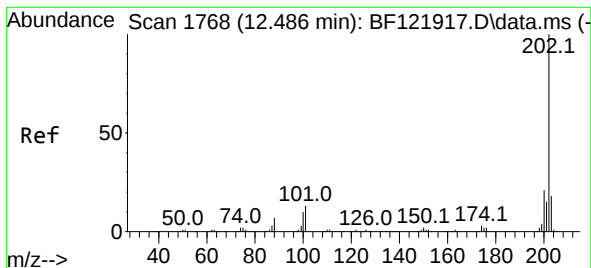
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.5 4.2 6.2

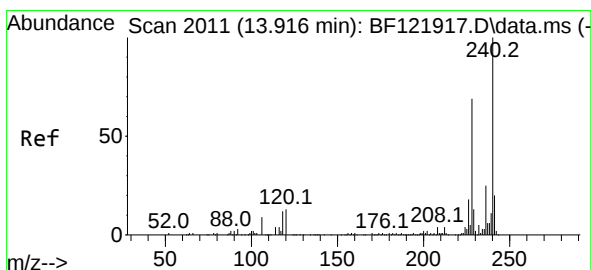
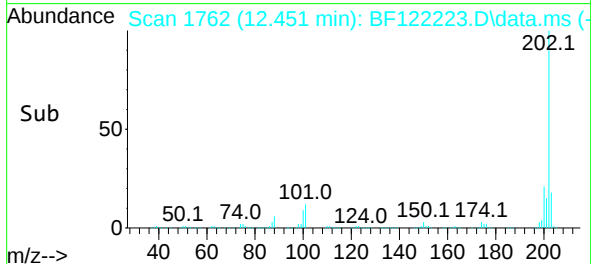
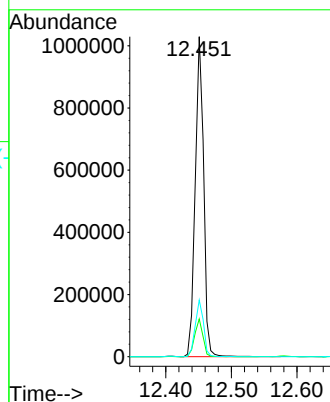
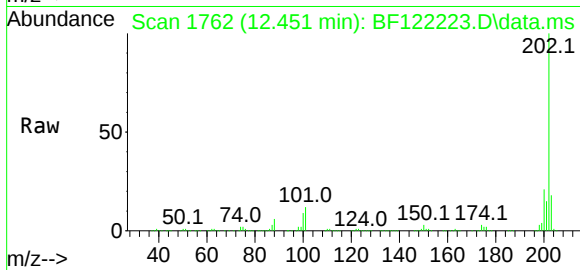




#75
Fluoranthene
Concen: 50.07 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

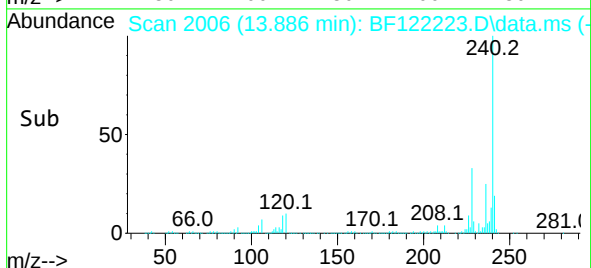
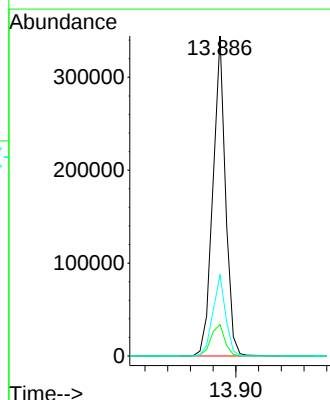
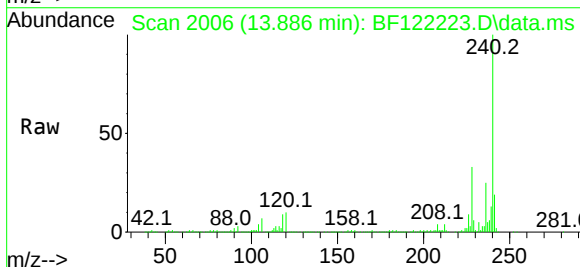
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

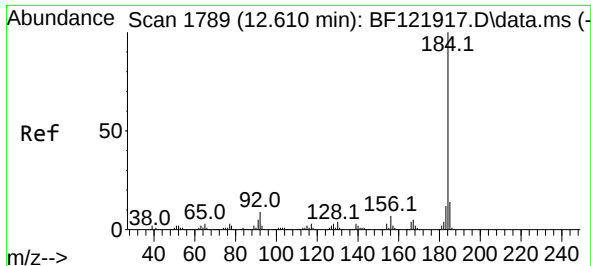
Tgt Ion:202 Resp: 920425
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.4
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:240 Resp: 264173
Ion Ratio Lower Upper
240 100
120 9.8 9.2 13.8
236 25.3 20.9 31.3

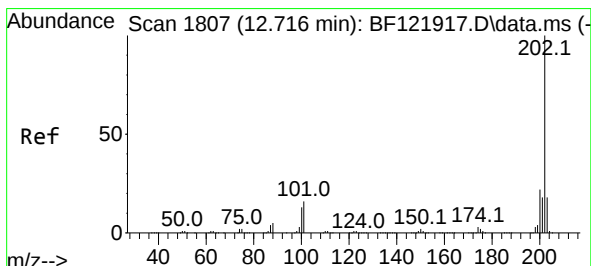
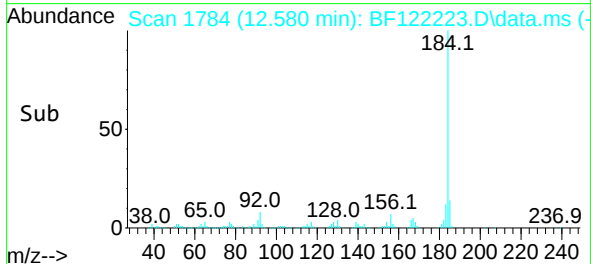
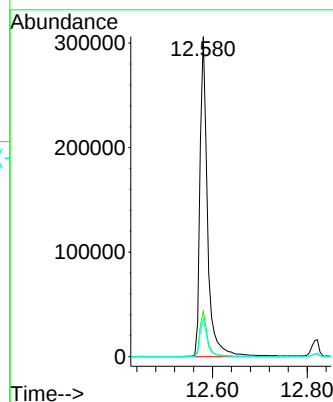
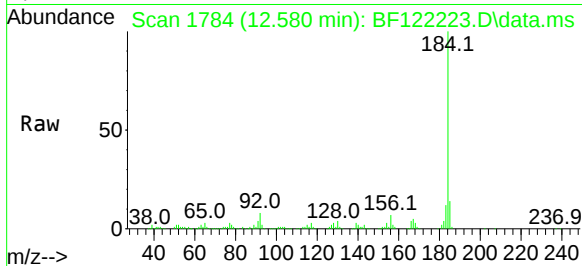




#77
Benzidine
Concen: 41.76 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

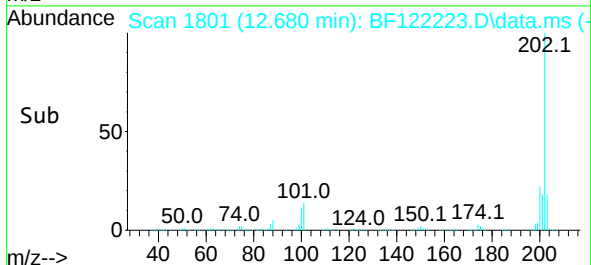
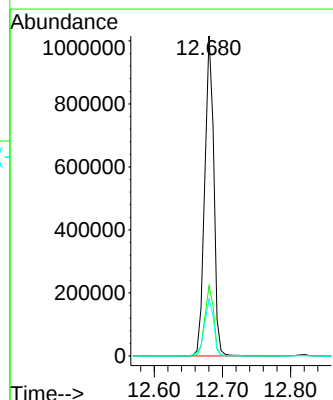
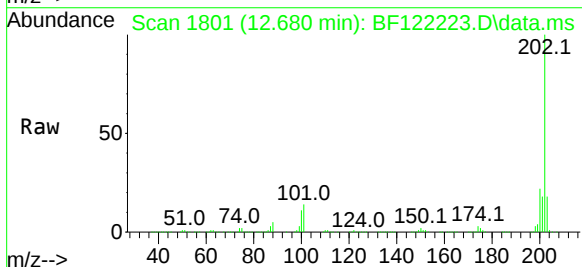
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

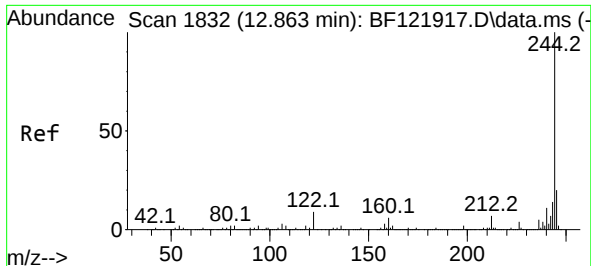
Tgt Ion:184 Resp: 340121
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.7 9.4 14.0



#78
Pyrene
Concen: 46.65 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

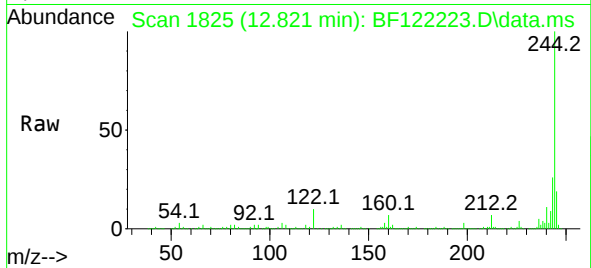
Tgt Ion:202 Resp: 939086
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.8 14.6 21.8



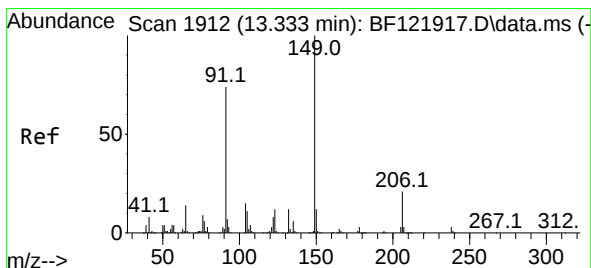
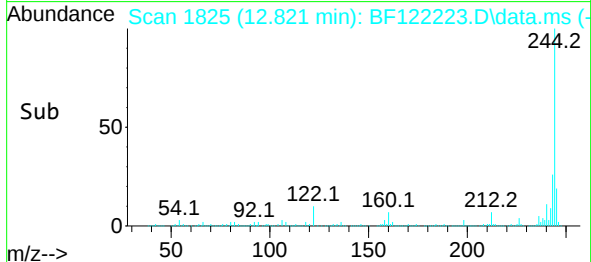
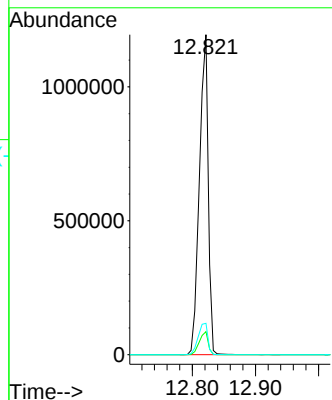


#79
 Terphenyl-d14
 Concen: 83.32 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. 0.006 min
 Lab File: BF122223.D
 Acq: 2 Nov 2020 13:40

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820MSD

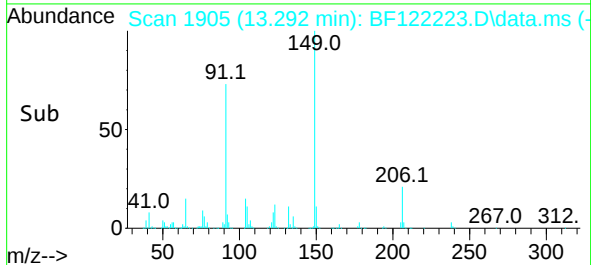
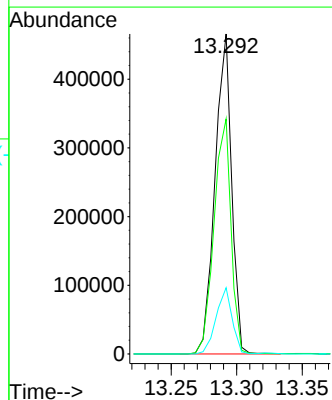
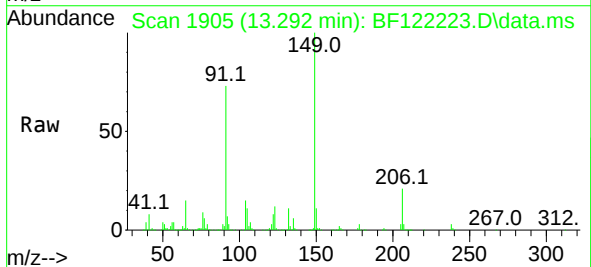


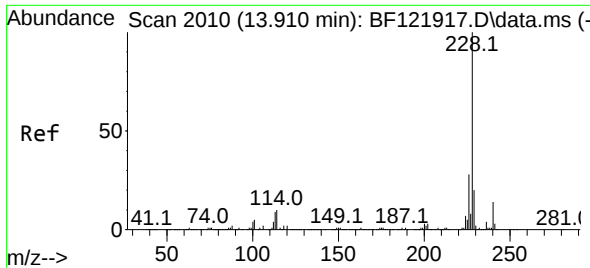
Tgt Ion:244 Resp: 1154951
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.8 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 51.35 ng
 RT: 13.292 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: BF122223.D
 Acq: 2 Nov 2020 13:40

Tgt Ion:149 Resp: 409954
 Ion Ratio Lower Upper
 149 100
 91 73.4 61.0 91.4
 206 20.7 16.7 25.1

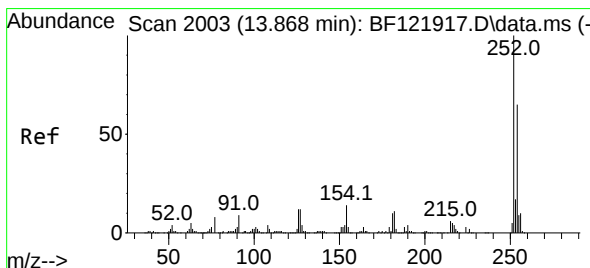
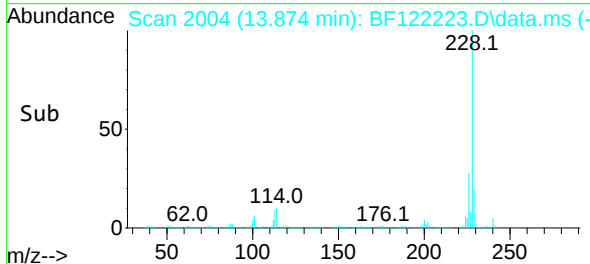
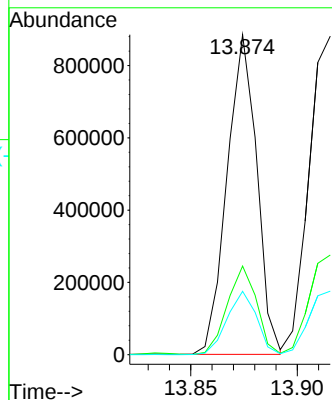
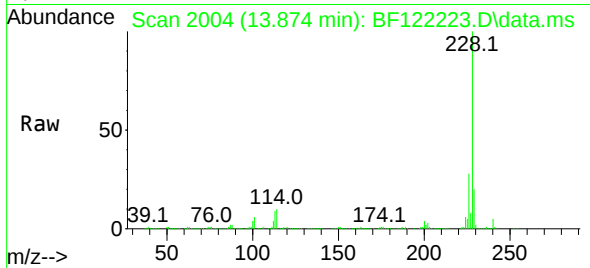




#81
Benzo(a)anthracene
Concen: 49.57 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

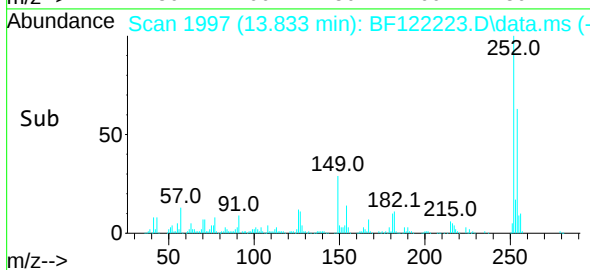
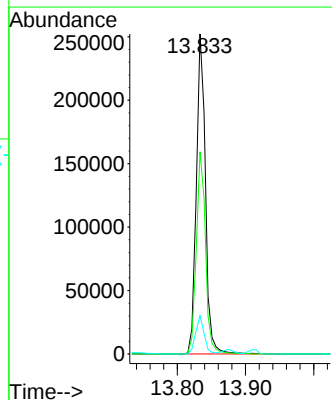
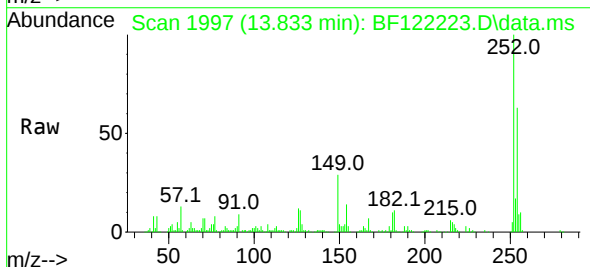
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

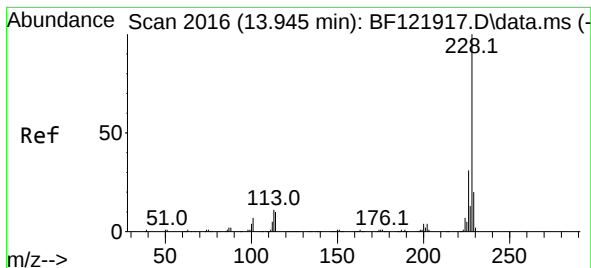
Tgt Ion:228 Resp: 858108
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.8 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 36.05 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:252 Resp: 231520
Ion Ratio Lower Upper
252 100
254 63.2 51.8 77.6
126 11.9 8.8 13.2





#83

Chrysene

Concen: 49.27 ng

RT: 13.915 min Scan# 2011

Delta R.T. 0.012 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

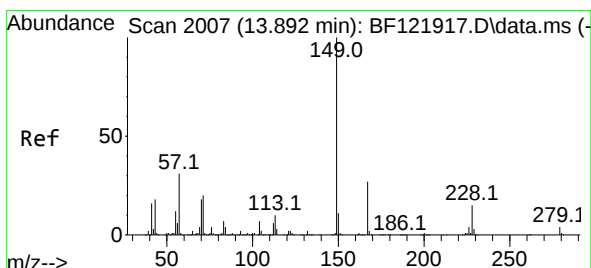
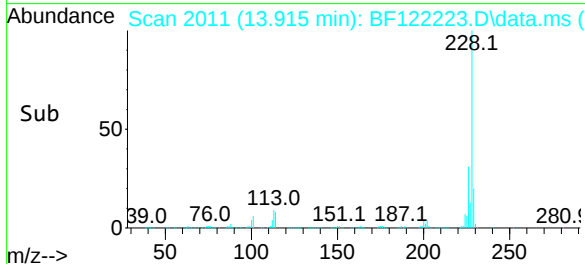
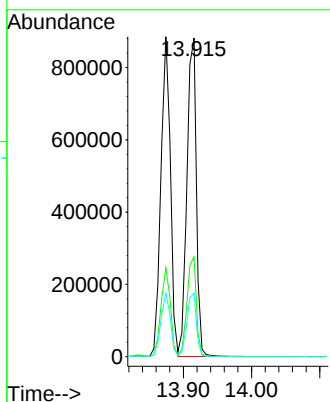
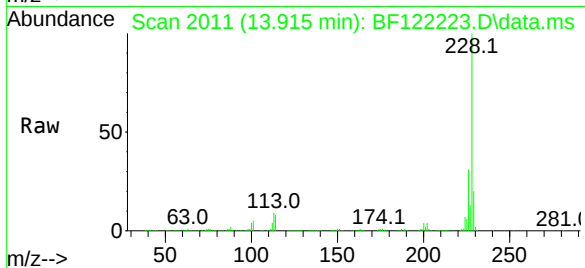
Tgt Ion:228 Resp: 837374

Ion Ratio Lower Upper

228 100

226 31.3 24.6 37.0

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.29 ng

RT: 13.845 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BF122223.D

Acq: 2 Nov 2020 13:40

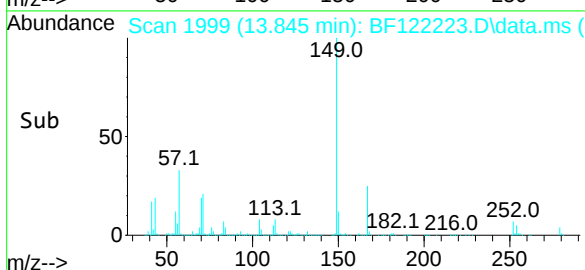
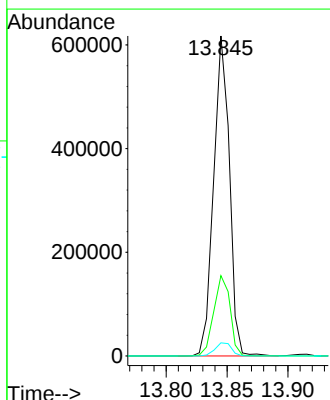
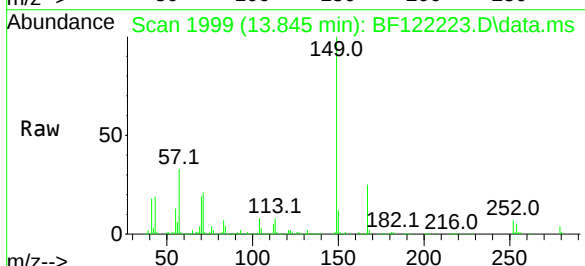
Tgt Ion:149 Resp: 555921

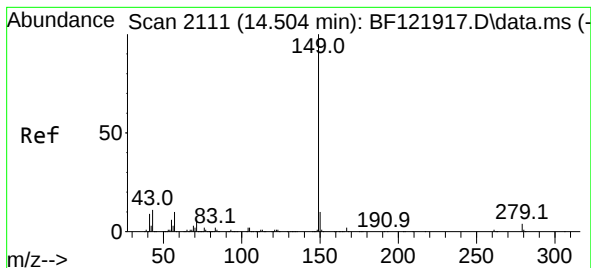
Ion Ratio Lower Upper

149 100

167 25.1 20.9 31.3

279 4.1 3.2 4.8

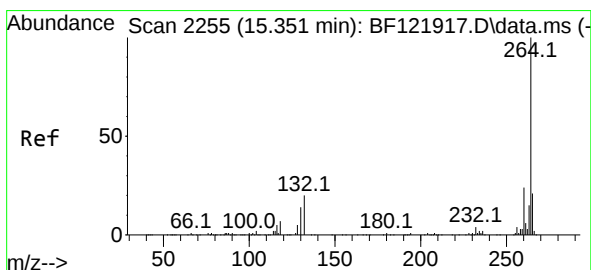
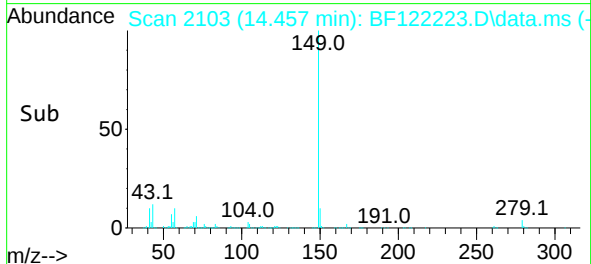
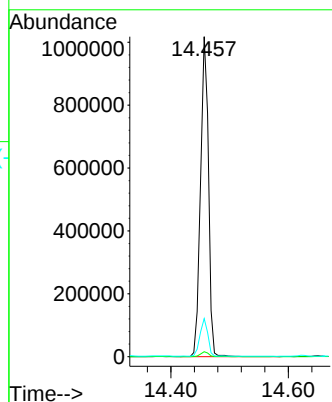
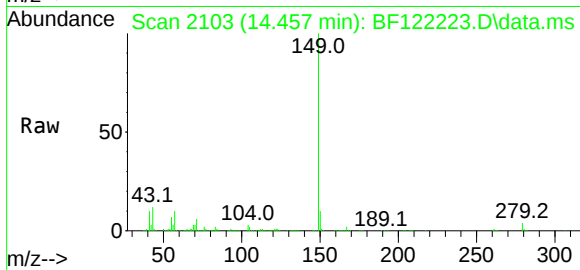




#85
Di-n-octyl phthalate
Concen: 54.46 ng
RT: 14.457 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

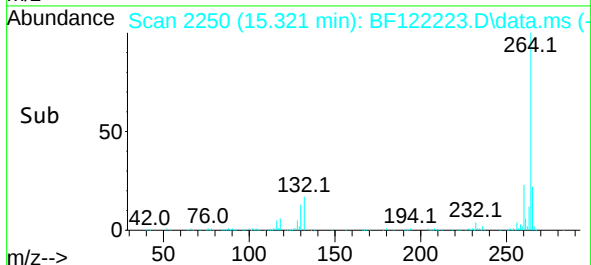
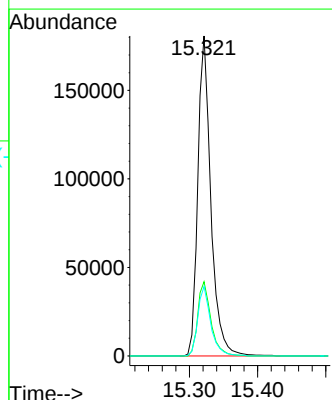
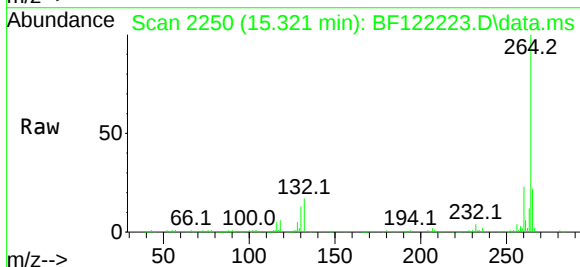
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

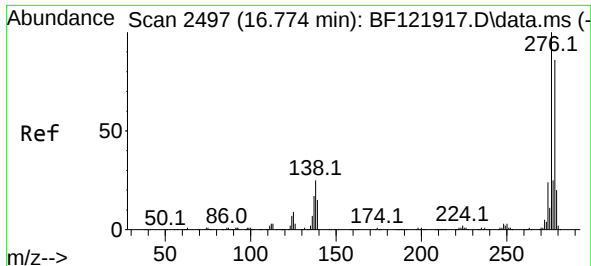
Tgt Ion:149 Resp: 954728
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:264 Resp: 240025
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.7 17.3 25.9

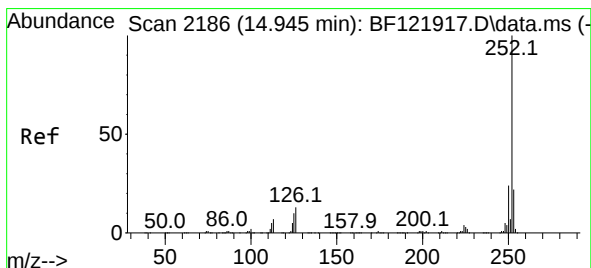
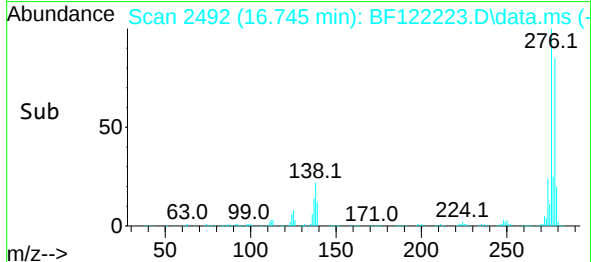
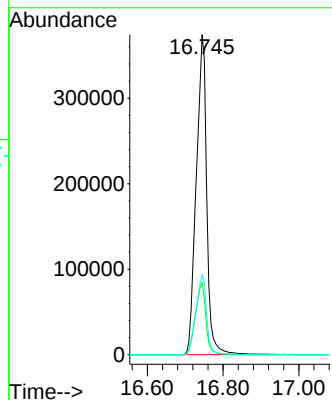
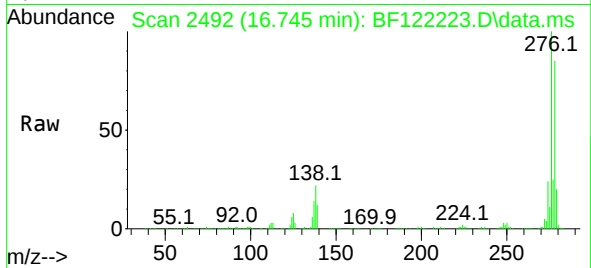




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.44 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

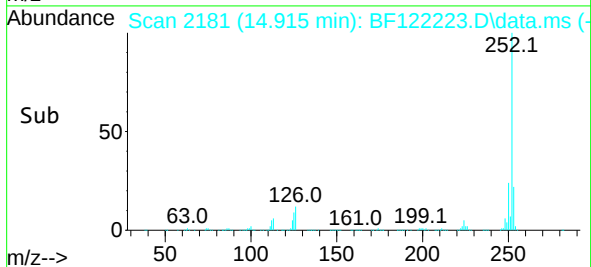
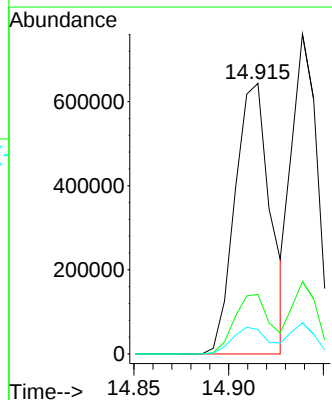
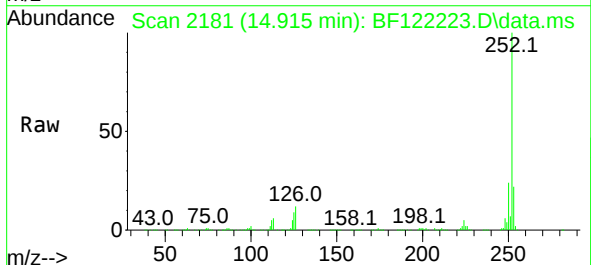
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

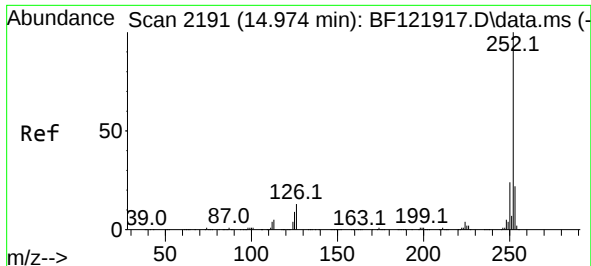
Tgt Ion:276 Resp: 723671
Ion Ratio Lower Upper
276 100
138 22.6 19.9 29.9
277 25.0 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 51.47 ng
RT: 14.915 min Scan# 2181
Delta R.T. 0.018 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:252 Resp: 835077
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.0 8.0 12.0

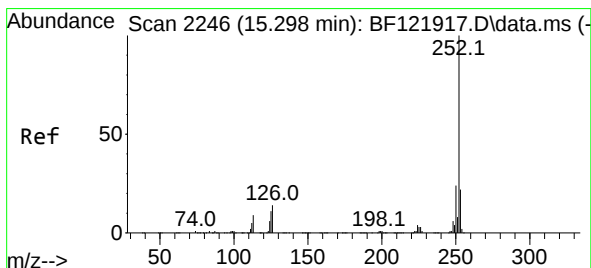
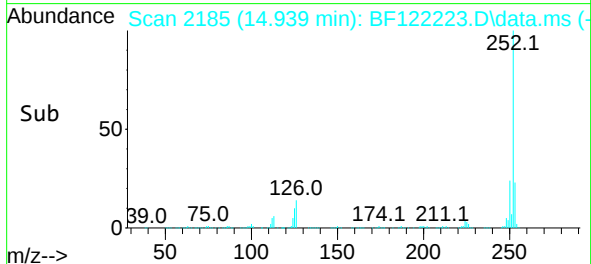
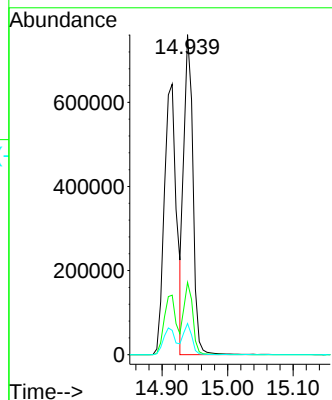
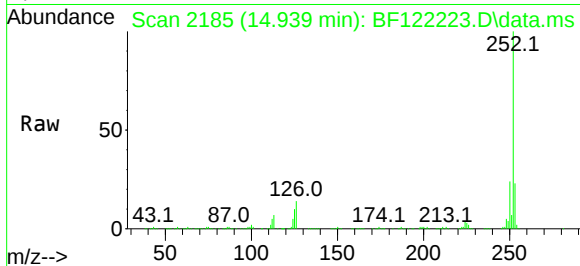




#89
Benzo(k)fluoranthene
Concen: 47.39 ng
RT: 14.939 min Scan# 2185
Delta R.T. 0.012 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

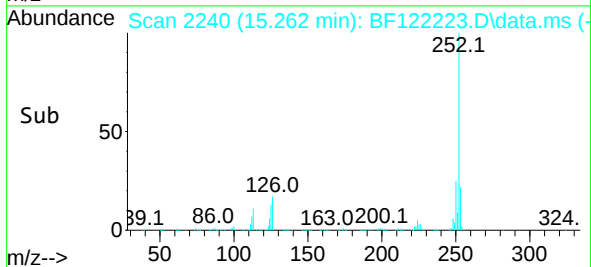
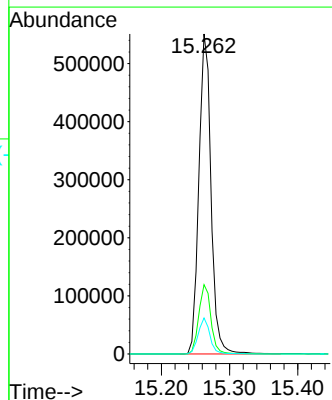
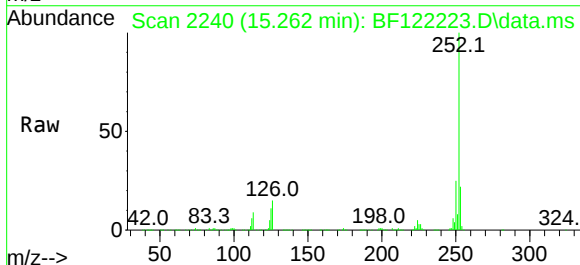
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

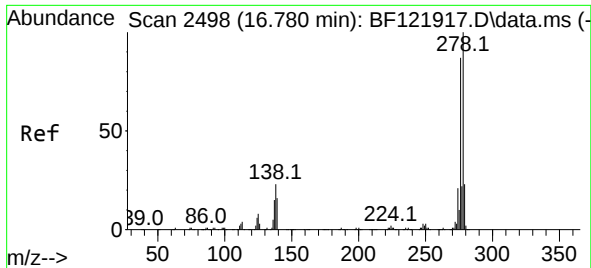
Tgt Ion:252 Resp: 730450
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.8 7.7 11.5



#90
Benzo(a)pyrene
Concen: 48.59 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:252 Resp: 680906
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.3 8.6 13.0

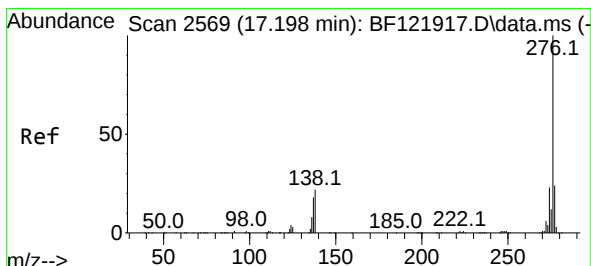
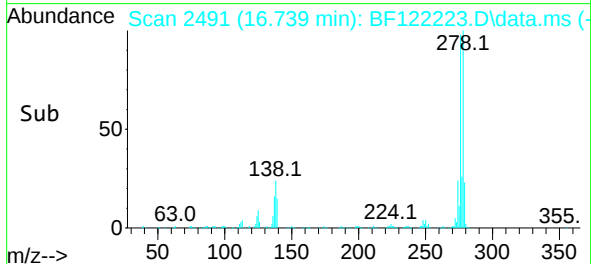
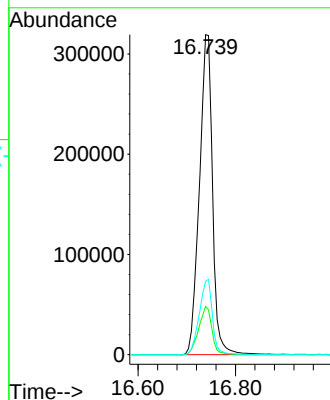
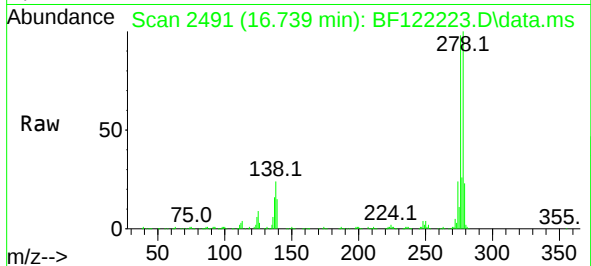




#91
Dibenzo(a,h)anthracene
Concen: 46.69 ng
RT: 16.739 min Scan# 2491
Delta R.T. 0.023 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

Tgt Ion:278 Resp: 599076
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.4
279 23.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 46.65 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.029 min
Lab File: BF122223.D
Acq: 2 Nov 2020 13:40

Tgt Ion:276 Resp: 599045
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.2
138 19.2 17.8 26.6

